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# THE MORNING ELECTRON

Vol. One - No. 1

G E N E V A

Monday, 17 August, 1959

Published during the I.T.U.  
Conferences

## AGENDA

Monday, 17 August

10.a.m.	Meeting of Heads of Delegations (unofficial)	Room E Bâtiment Electoral
3 p.m.	Opening Plenary Meeting of the Radio Conference	Room A Bâtiment Electoral

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12 YEARS AFTER .....

FROM ATLANTIC CITY TO GENEVA

How time flies ! How many changes there have been in the meantime !

At the Atlantic City Conferences, twelve years ago, those who attended might well be pardoned for thinking that they had settled, for a good long time to come, the problems that had arisen immediately after the war (which had inevitably led to the development of fresh engineering processes) as the result of the fantastic boom in communications of all kinds. Whence the celebrated Atlantic City Regulations and Convention, long considered as the charter of telecommunication, now to be reviewed and brought up to date. The Conference opens at a time when man-made satellites are orbiting in space, affording information about what was long considered to be unknowable. The sky's no longer the limit in an age of supersonic jet aircraft. Space itself will soon be a bone of contention. Hardly had the lawyers drawn up the elements of a new branch of international law, that applicable to space, than the United Nations was obliged to give its attention without more ado to the legal standards which should hold good in regions outside the atmosphere.

There are very few countries in which radio and television have not become the most powerful of "mass media", whereby pictures and sounds, plans, and programmes, together with social, political, religious and economic concepts, are made available to the masses.

The progress made in so short a time is little short of astounding.

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Time flies, and there will doubtless be many among the delegates arriving in Geneva who have by no means forgotten the passionate rhetoric of a Cortell, the cool tenacity of a Hugh Townshend, Laffay and Father Soccorsi, indefatigable in argument, the pugnacity of a Fortushenko, the forbearance of a Lahaye, the quips, reminiscences and admonitions of the venerable Gneme. Between the Atlantic City and Geneva conferences, two Secretaries-General have disappeared from the scene, Franz von Ernst, courteous and affable, and the conscientious Marco Aurelio Andrada, who died in harness, tragically. There will be some new blood among the hundreds of delegates who will meet to-day in the big assembly hall of the Bâtiment Electoral - new blood to fill the gaps (too many of them) in the ranks.

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The time has come for the oldest and most universal of the international organizations to meet once more, to review and supplement (by dint of discussion, agreement and compromise) regulations designed to enable mankind to take the fullest advantage of the astonishing progress made in radio engineering. History shews that there is no limit to man's capacity for research and invention, but that tradition, prejudice and misunderstanding only too often hold up agreement and progress. What the International Telecommunication Union has achieved proves how vitally necessary such an organization is. There remain, doubtless, a good many bones of contention, and the seeds of conflict between continents, regions, and countries. Possibilities still exist for clashes of interest. But if past history is any indication, the I.T.U. has nothing to fear. The task with which it is now confronted has been entrusted to it by one hundred and one countries, that is to say, by almost all the nations of mankind. Certain it is that the Union will acquit itself honourably and successfully.

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The head of the delegation of the Union of Soviet Socialist Republics at Atlantic City one day publicly declared that the Morning Electron had been a pioneer in achieving and maintaining a spirit of understanding at a critical juncture. This journal is not, of course, in any sense the official organ of the I.T.U. conferences. Nor does it claim to replace the official minutes and summary records of the meetings held by the plenary assemblies and their committees. That is no part of its purpose. All it is intended to do is to offer delegates and news agencies a brief account, fresh every morning, of what has happened the day before in committees and working parties. It will endeavour to summarize all debates of major importance. Above all, it will try to help the members of all delegations to get to know and understand one another. It will endeavour, too, to provide advance news for Secretariat and delegates about changes in the work programme or time schedule. It will provide information about some of the facilities which Geneva, Switzerland in general, and even the countries sharing common frontiers with Switzerland, can offer. It will endeavour to be lively, easy to read, and at least to appear well informed. Unnecessary colourlessness will accordingly be eschewed.

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It goes without saying, but in this case it is even better to say that all the suggestions or proposals that might be made either by delegations or by individual delegates with regard to the publicity which Geneva conferences should receive in this or that part of the world will always be accepted with interest and enthusiasm by the Editor of the Morning Electron. Indeed it would be strange and even scandalous if the public were not regularly informed by every possible means of the discussions and results of the Geneva conferences in a world which would simply collapse if it no longer commanded the wide means and immense resources offered by telecommunications and radio in particular.

L.B.

VERY IMPORTANT

TO THE HEADS OF DELEGATIONS

All necessary action has been taken to ensure that the work and the achievements of the I.T.U. receive adequate publicity throughout the world. However the Heads of Delegations would be doing the Conference Information Service a kindness if they would be so good as to let the Morning Electron have as soon as possible a list of journalists, writers, radio and television reporters in their countries who might well be interested in the I.T.U. and the Geneva Conferences.

I.T.U. STAMPS

In the post office of the Electoral Building delegates will find stamps that were issued last year by the Swiss authorities in honour of the I.T.U.

From 17 August, stamps on letters sent by the Electoral Building post office will be marked as follows: "Administrative Radio Conference, I.T.U., Geneva." From 14 October they will be marked "Plenipotentiary Conference, I.T.U., Geneva."

In addition all envelopes handed in for posting at the Electoral Building post office on Monday, 17 August, the opening day of the Radio Conference, will bear a special **indication**.

The office and telephone numbers of the Acting Secretary-General, Mr. Gerald C. Gross, are as follows:

Office: 5 (Bâtiment Electoral)  
Telephone: 21 (internal)

Those of Mr. Clifford Stead, Senior Technical Officer, Radio Division, are as follows:

Office: 1 (Bâtiment Electoral)  
Telephone: 22 (internal)

The office and telephone numbers of the various Conference officials will be published in the Morning Electron as soon as the Conference has approved the organization and duty plan for the various conference services.



# THE MORNING ELECTRON

Vol. I - No. 2

G E N E V A

Tuesday, 18 August, 1959

Published throughout the  
I.T.U. Conferences .

## AGENDA

Tuesday, 18 August, 1959

10 h.	Meeting of Heads of Delegations (unofficial)	Room A Bâtiment Electoral
15 h.	Plenary Meeting of the Radio Conference	Room A Bâtiment Electoral

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THE CURTAIN RISES.....

Act I, Scene 1 : UNANIMITY

Recently, the "Bâtiment Electoral" was used to accommodate some 1700 journalists, awaiting, in no very optimistic spirit, the outcome of the Foreign Ministers' Conference. Hence hasty preparations had at the last moment, to be made, to receive the I.T.U. delegates. Nevertheless, the Radio Conference has opened most auspiciously. We cannot, of course, speak of the meeting of heads of delegations, since this was unofficial. But to judge by Act I, Scene 1, of the Conference, which took place yesterday afternoon, things seem to be going very well indeed.

Mr. Alfred Langenberger, as Chairman of the Administrative Council, went straight to the heart of the matter, recalling that among other things, the Conference had to consider the workings of the International Frequency Registration Board and to revise the Convention, if necessary.

Mr. Charles J. Craven, of the United States Delegation, began by saying that had he known that he was the senior delegate he would have refrained from appearing at yesterday's assembly. The annual Genevese merry-makings augured well for the Conference. But it should be clearly understood that the era was one in which things were moving fast. They were at a cross-road. The telecommunication experts would achieve success provided there was co-operation.

Mr. Gerald C. Gross, Acting Secretary-General, paid tribute to the pioneers of telecommunication conferences. The Conference's agenda was an exceedingly heavy one. The Conference was called on to review everything, from telecommunication definitions to the activities of the International Frequency Registration Board.

The following were unanimously elected : Chairman of the Conference - Mr. Charles J. Acton, Head of the Canadian Delegation; Vice-Chairman - Mr. Juan Antonio Autelli, of the Argentine Delegation, and Dr. M.B. Sarwate, Head of the Indian Delegation. The composition of the Secretariat and the setting-up of eight committees were also unanimously decided on. The Delegation of the Union of Soviet Socialist Republics proposed that Committee 5 should deal with all problems connected with the international frequency list, and not merely with frequency registration procedure. This proposal was at once supported by the United States Delegation, and unanimously adopted.

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THE COMMITTEES

At its inaugural meeting, the Conference decided to set up the following committees :

- Committee 1 - Steering
- Committee 2 - Credentials
- Committee 3 - Finance
- Committee 4 - Frequency Allocation
- Committee 5 - Frequency Registration Procedure  
and Problems relating to the  
International Frequency List
- Committee 6 - Technical
- Committee 7 - Operations
- Committee 8 - Drafting

S E C R E T A R I A T

- |                                 |   |
|---------------------------------|---|
| Secretary of the Conference :   | Mr. Gerald C. Gross<br>(Office: 5 Tel: 21)                          |
| Assistant Secretary :           | Mr. Clifford Stead<br>(Office: 1 Tel: 22)                           |
| Head of Documents :             | Mr. Jean Millot<br>(Palais des Expositions<br>Office: P.2 Tel: 123) |
| Head of Delegates' Services :   | Mr. Robert Lafrance<br>(Office: 11 Tel: 26)                         |
| Head, Administrative Services : | Mr. René Prelaz<br>(Office: 13 Tel: 27)                             |
| Staff Management :              | Mr. R. H. Vergin<br>(Office: 6 Tel: 25)                             |
| Director, Public Relations :    | Mr. Léon Boussard<br>(Office: 7 Tel: 90)                            |

RECOMMENDATIONS

Heads of Delegations are asked to hand in their credentials to Secretariat Office 3 in the "Bâtiment Electoral".

All statements to be included in full in the minutes of plenary meetings must be handed in to the Secretariat (Office 3).

All texts to be published as conference documents must also be handed in at Office 3. Delegates are asked to supply three copies whenever possible. This will facilitate and speed up the task of translation and make things easier for the Documents Service.

LITERATURE RELATING TO THE  
INTERNATIONAL CIVIL AVIATION ORGANIZATION

Mr. Peter Ommen, observer of the International Civil Aviation Organization, wishes to inform delegates attending the Radio Conference that he has a stock of documents, to which reference might be made during the Conference, relating to ICAO. ICAO has an office in Geneva throughout the Conference. In this office, delegates can consult documents and can also obtain information about ICAO recommendations and publications. Delegates will also be welcome if they feel like meeting in the ICAO Geneva office to discuss matters relating to air services.

The ICAO office is at 2, rue Bartholoni (third floor, on the left), telephone 25,75.53. This is some twenty yards from the rear door of the "Bâtiment Electoral" and a little more than two hundred yards from the main entrance.



# THE MORNING ELECTRON

Vol. One - No. 3

G E N E V A

Wednesday, 19 August, 1959

Published throughout the I.T.U.

Conferences

## AGENDA

Wednesday, 19 August, 1959

10 h.	Steering Committee	Room E Bâtiment Electoral
15 h.	Plenary Meeting	Room A Bâtiment Electoral

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ACT I - SCENE 2 : CLOUDS ON THE HORIZON

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As could easily have been foreseen, a few clouds speedily appeared on the hitherto untroubled sky of unanimity. After no little discussion and some very detailed explanations both by delegates and by the Acting Secretary-General, in connection with a proposal made by Captain C.F. Booth, Head of the Delegation of the United Kingdom of Great Britain and Northern Ireland, concerning a Bulgarian proposal relative to the countries invited to attend the Radio Conference, the Conference had to take a vote at its second plenary meeting yesterday afternoon. The proposal made by the United Kingdom of Great Britain and Northern Ireland amounted to saying that the Bulgarian proposal was out of order. The Bulgarian proposal, seconded by the People's Republic of Poland and backed by the Bielorussian Soviet Socialist Republic and India, was declared out of order by forty-four votes to eleven, with ten abstentions.

The Conference having unanimously decided that Mr. A. Wettstein, Head of the Swiss Delegation, should be Honorary Chairman of the Conference, Mr. Ivan Klovov, Head of the Delegation of the Union of Soviet Socialist Republics, took the floor. In brief, what he said was that at a time when the apportionment of the radio spectrum had to be considered afresh and a new international frequency list devised, the Government of the People's Republic of China ought to be recognized as the government of China. China, he said, played an exceedingly important part in the world of radio and telecommunication in general, and the absence of representatives of the People's Republic of China could not but create an abnormal state of affairs which would undermine the prestige of the I.T.U. The Head of the Delegation of the People's Republic of Bulgaria, Mr. Ivan I. Trifonov, thereupon proposed that the Governments of the German Democratic Republic, the People's Republic of Mongolia, the Korean People's Republic, and the People's Republic of Viet-Nam, should be invited to attend the Conference as observers. He emphasized that he was not asking the Conference to decide whether or not those countries should belong to the Union but whether invitations should be sent to certain governments which were not Members of the Union.

Mr. Hiong-Fen Tchen, Head of the Delegation of China, observed that the Conference was made up of experts working in an administrative capacity, and that a Soviet proposal submitted in favour of admission of the People's Republic of China had been rejected at the Buenos Aires Conference of 1952.

Mr. Konrad Kozlowski, of the Delegation of the People's Republic of Poland, observed that numerous radio networks existed in China. The People's Republic of China had many links with the countries represented at the Geneva Conference. The decision taken by the Administrative Council was not in accordance with the aims pursued by the Union. He would accordingly support the Bulgarian proposal. Mr. T.A.M. Craven, Head of the United States Delegation, thereupon said that in his view the matter did not come within the terms of reference of the Administrative Radio Conference, but was rather something for the Plenipotentiary Conference. Captain Booth, Head of the Delegation of the United Kingdom of Great Britain and Northern Ireland, shared this view.

Mr. Anatol Kashel (Bielorussian Soviet Socialist Republic) also supported the Bulgarian proposal. Dr. M.B. Sarwate, Head of the Indian Delegation, observed that radio waves were no respecters of frontiers either political or geographical. The population of China represented something like 22% of the population of the world, and he too would support the Bulgarian proposal. The Delegate of the Federal People's Republic of Yugoslavia said that all countries wishing to take part ought to be invited as observers. Mr. Gerald C. Gross, Acting Secretary-General, then explained that the I.T.U. General Secretariat could but abide by the Administrative Council's ruling, in accordance with the Convention, Article 5. The Council had decided that only those countries shown in Annexes I and II to the Convention should be invited.

The Head of the Delegation of the United Kingdom of Great Britain and Northern Ireland thereupon proposed that the Conference decide that the Bulgarian proposal was out of order. This proposal was seconded by the United States Delegation and adopted by forty-four votes to eleven, with ten abstentions.

(The "nyet" uttered by the Delegate of the Ukrainian Soviet Socialist Republic came out as a "yes" during the vote. When the time came for Mr. Klovov to vote, he took the precaution of saying "no" very firmly, in English.)

All the international organizations shown in the list drawn up by the Secretariat were admitted as observers. In this connection the Head of the Czechoslovak Delegation observed that the International Broadcasting Organization had recently been transferred into the International Broadcasting and Television Organization. Hence the abbreviation should henceforward be altered accordingly.

It was then decided that the working hours of the Conference should be, in theory,

10 A.M. - 12.30 P.M.  
3 P.M. - 6 P.M.

The clouds on the horizon speedily disappeared and the Heads of the Delegations of the United States and of the Union of Soviet Socialist Republics asserted that the Conference should endeavour to finish its work with all possible despatch. Mr. Craven (United States) felt that the committees ought to finish by 15 November at the latest, and Mr. Ivan Klovov (Union of Soviet Socialist Republics) proposed that the Conference end on 16 November, justifying his proposal with the remark that the Administrative Council had already cut down the expected duration of the Conference by one month. There was less for the Conference to do than there had been at Atlantic City, the preparatory work had already been done by the Secretariat and by recent conferences, the technical proposals had been approved at Los Angeles, and the Chairmen and Vice-Chairmen of Committees were highly experienced and well equipped for their work. It was decided that this question of how long the Conference should last would be reconsidered in plenary meeting after it had been reviewed by the Steering Committee.

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CHAIRMEN AND VICE-CHAIRMEN OF COMMITTEES

Committee 1	Steering Committee (Chairman and Vice- Chairmen of Conference)	Chairman: Mr. Charles J. Acton (Canada) Vice-Chairmen: Mr. Juan A. Autelli (Argentine) Dr. M.B. Sarwate (India)
Committee 2	Credentials Committee	Chairman: Dr. F. Nicotera (Italy) Vice-Chairmen: Dr. Libero Oswaldo de Miranda (Brazil) Mr. I.M. Trifonov (Bulgaria)
Committee 3	Financial Control Committee	Chairman: Mr. George Searle (New Zealand) Vice-Chairman: Mr. G.E. Enright (Ireland)
Committee 4	Frequency Allocation Committee	Chairman: Mr. Gunnar Pedersen (Denmark) Vice-Chairmen: Mr. E.J. Stewart (Australia) Mr. E. Oltuskiy Ozaki (Cuba)
Committee 5	Frequency Registration Procedure and Inter- national Frequency List Committee	Chairman: Dr. M. Joachim (Czechoslovakia) Vice-Chairman: Mr. M.A. Vieira (Portugal)
Committee 6	Technical Committee	Chairman: Mr. M.N. Mirza (Pakistan) Vice-Chairman: Mr. Lazaro Barajas Gutierrez (Mexico)
Committee 7	Operations Committee	Chairman: Mr. Ehnle (Netherlands) Vice-Chairman: Mr. Y. Nomura (Japan)
Committee 8	Drafting Committee *	Chairman: Mr. A. Henry (France) Vice-Chairman: Mr. José Maria Revuelta Prieto (Spain)

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\*) The fact that there is no English-speaking Vice-Chairman in the Drafting Committee may occasion some surprise. Doubtless Mr. Acton in his wisdom felt that there were a good many varieties of English. Perhaps he remembered the celebrated dictum of the best-known English-speaking Irish humourist, who said that England and America were great Powers separated by a common language.

"Mr. CHAIRMAN ....."

At sixty, Charles J. Acton, Superintendent of International Agreements and Regulations in the Department of Transport, Ottawa, has an enviable experience and reputation in the telecommunication world. During the last forty years, as representative of Canada, he has taken part in all the major ITU conferences and meetings, such as the conferences of Atlantic City, Mexico City, and Buenos Aires. He has, too, been assiduous in attendance at all sessions of the Administrative Council. The "l'âtimement Electoral" is by no means strange to him, since in 1951 he was Chairman of Committee 7 of the Extraordinary Administrative Radio Conference.

Mr. Acton is something of a specialist in the negotiation of international agreements in all their forms, and knows all there is to know about frequencies. He went out of his way to say, in his brief speech of thanks on being elected Chairman, that man's latest inventions would inevitably have repercussions on the international level.

Mr. Acton is a well-known figure among North American telecommunication specialists, as indeed among all those throughout the world who take an interest in the progress of telecommunication. He has always enjoyed a reputation for sobriety, objectivity, and a capacity for going straight to the heart of a matter. He will now handle the Chairman's gavel with courtesy and firmness. The task of directing the activities of a world-wide conference, divided into eight committees, smoothly but firmly, is by no means an easy one even for a veteran of international conferences. Good luck, Mr. Chairman.

#### A NOTE FOR THE HEADS OF DELEGATIONS

Mr. W. Gibson Parker, Director of the United Nations Department of Radio and Visual Media, will be giving a reception on 25 August next from half-past six to eight o'clock, and intends to invite the Heads of Delegations. We would ask these latter to take note of this invitation, which will doubtless be passed on to them through official channels very shortly.



# THE MORNING ELECTRON

Vol. I - No. 4

G E N E V A

Thursday, 20 August, 1959

Published throughout the

I.T.U. Conferences

## AGENDA

Thursday, 20 August, 1959

10 - 11.15 a.m.	Committee 4	Room A Bâtiment Electoral
11.30 - 12.30 p.m.	Committee 5	Room A Bâtiment Electoral
3 - 6 p.m.	Committee 2	Room E Bâtiment Electoral

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ACT I, SCENE III :

THE CHAIRMAN AND THE CONFERENCE DEFINE THE TERMS OF  
REFERENCE OF THE EIGHT COMMITTEES AND OF AN UNUSUAL WORKING PARTY.

The Conference has to get down to work. Hence a plenary meeting has already laid down the terms of reference for the committees, which meet for the first time to-day. The Delegate of Kuwait, Mr. Fathi Geith, whose country has recently become a Member of the Union, in replying to a word of welcome from the Chair, emphasized how important was the I.T.U., an organization with a well-founded reputation for maintaining friendship and cooperation between its Members.

Details about the terms of reference of Committees IV, V, VI, and VII will be found elsewhere.

The report by the Administrative Council, it was decided, would first be considered by Committees IV and V. Mr. P.S.M. Sundaram, Chairman, International Frequency Registration Board, submitting the report prepared by that body, observed that it dealt only with events up to July, 1959, but that the members of his Board were available to provide further information. The Chairman, Mr. Acton, thanking Mr. Sundaram, said that his thanks in no sense indicated that the contents of the report were approved. Captain Booth, Head of the Delegation of the United Kingdom of Great Britain and Northern Ireland, said that the report was "of tremendous interest and value", and would have to be considered by Committees VI and VII too. The Delegate of Portugal shared these views. Dr. Sarwate, Head of the Indian Delegation, also supported the United Kingdom proposal, and asked that any supplementary information should be submitted in the form of a Conference document.

Brigadier M.A. Baghdadi, of the Iraqi Delegation, pressed for a speedy inclusion of Iraq in the European Area. Iraqi radio services were using the same frequencies as certain European regions. His request was not a new one, having first been put forward in 1952. It was not made for political reasons but for technical ones and to avoid interference. The Atlantic City Conference had made a mistake in leaving Iraq out of the European Area, although it was shown as a part thereof on page 107 of the Regulations. His Delegation would soon have to return to Iraq to settle urgent problems there, and was anxious for a speedy decision.

Mr. Mohamed N. Mirza, Head of the Delegation of Pakistan, supporting the Iraqi request, observed that the International Frequency Registration Board had been asked to give Iraq special assistance. The Head of the Delegation of the Union of Soviet Socialist Republics called for immediate inclusion of Iraq in the European Region and for an inquiry by Committee V into the question of special assistance from the

International Frequency Registration Board. Messrs. Vojin Popovic (Federal People's Republic of Yugoslavia), Santiago Quijano Caballero (Head of the Colombian Delegation), and Captain Booth (Head of the Delegation of the United Kingdom of Great Britain and Northern Ireland) having taken the floor, it was so decided. Mr. Federsen, Chairman, Committee IV, said that his Committee would be able to consider the matter on Friday. The problems raised by Iraq would have priority and would be considered without delay.

The Credentials Committee (Chairman : Dr. Federico Nicotera, Head of the Italian Delegation) would work for about four weeks, it was decided. This does not of course mean that delegations should wait as long as that before handing their credentials in. In accordance with the Steering Committee's recommendations, it was decided that the various technical committees, namely, Committees IV, V, VI, and VII, would try to finish by about 15 November. The Steering Committee would keep the matter under review, and the Conference in plenary meeting would investigate ways and means to speed things up without detriment to the work. Captain Booth, speaking yesterday, summed up by saying : "more haste, less speed".

The Drafting Committee will have to submit the various articles in the Regulations in a new order, besides drafting fresh texts. The Conference took the view that it would be well if, in each committee, delegates speaking different languages were to reach agreement beforehand on suitable wordings.

Yesterday's meeting was rich in amusing incidents. The Delegate of the Sudan, inadvertently pressing his button, was on several occasions given the floor without wanting it. Dr. F. Nicotera, Head of the Italian Delegation, asserted that the Acting Secretary-General had been guilty of a breach of the Convention by sending out proposals after the final date, whereupon the Acting Secretary-General said that the proposals were indeed despatched three months in advance. However, he had felt unable to consign later proposals to the waste-paper basket, and accordingly had despatched them to the Administrations concerned. The Italian proposals had been accepted by the Secretary of the Conference several weeks after the final date for their submission. Dr. Nicotera nevertheless insisted that there had been a breach of the Convention. Whereupon the Chairman proposed, and the proposal was approved with laughter, that Dr. Nicotera and Mr. Gerald C. Gross should set up a special working party to continue the discussion, with themselves as the sole members.

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TERMS OF REFERENCE FOR COMMITTEES 4, 5, 6 AND 7

Committee 4. Frequency Allocation Committee

Broadly speaking Committee 4 will have to deal with Chapter III of the Radio Regulations.

The specific items would be those listed on pages 8 and 9 of Annex 1 to Document No. 2.

Committee 5. Frequency Registration Procedure and International Frequency List Committee

Broadly speaking Committee 5 will have to deal with Chapter IV of the Radio Regulations, Chapter VII of the E.A.R.C. Agreement and to review the International Frequency List and connected provisions adopted for certain parts of the spectrum by the E.A.R.C. (or in certain cases by Regional Conferences), and possibly to amend them in accordance with the proposals which may be adopted in this respect, or to prepare any appropriate procedure for their revision. This Committee will also have to consider the draft plans prepared by the I.F.R.B. for the High Frequency Broadcasting Service, and to study how they should be dealt with, taking into account any proposals submitted in this connection. The Committee will also have to study the situation in other frequency bands.

Committee 6. Technical Committee

Broadly speaking Committee 6 will have to deal with Chapters I, II, V and VI of the Radio Regulations, as well as with a number of provisions of the E.A.R.C. Agreement.

The specific items would be those listed on page 17 of Annex I to Document No.2.

Committee 7. Operations Committee

Broadly speaking Committee 7 will have to deal with Chapters VII-XVI of the Radio Regulations and with the Additional Radio Regulations, and with various provisions of the E.A.R.C. Agreement.

The specific items would be those listed on pages 18, 19 and 20 of Annex 1 to Document No.2.

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A NOTICE FOR PEOPLE INTERESTED IN MARITIME

MOBILE RADIO STATIONS

Those interested in problems of maritime mobile radio communications are cordially invited to attend in Room E at half-past eleven this morning, where they will, if they desire, be served with coffee.

This is a purely unofficial invitation designed to enable persons interested in these matters to get to know one another.

THE NEED TO BE KNOWN

At the Atlantic City Conferences in 1947, the General Secretary of the Conferences received the following telegram from one of the big American news agencies: "Kindly urgently state whether International Telecommunication Union affiliated American Federation of Labour Congress of Industrial Organizations."

CORRIGENDUM

The delegate who spoke for the People's Republic of Poland at the last plenary meeting was Mr. Mieczyslaw FLISAK, not Mr. Konrad Kozlowski.

SOME FACTS AND SOME DATES .....

In 1902, Prince Henry of Prussia, who had just visited the United States, was on his way back by ship when, in mid-Atlantic, he tried to send a courtesy message to President Theodore Roosevelt of the United States. He could not do so, because the English station asked to transmit the message refused on the grounds that the wireless equipment on board the Prince's ship had been installed by a rival firm. The German Emperor, informed of this, proposed to President Roosevelt that an international conference be convened. This conference was held in Berlin in 1903. Its task was to clear the ground for the elaboration of international radio regulations. It was to some extent as a result of these events that in 1906 the first International Radiotelegraph Convention was signed in Berlin.



# THE MORNING ELECTRON

Vol. 1 - No. 5

G E N E V A

Friday, 21 August, 1959

Published throughout the

I.T.U. Conferences

## AGENDA

Friday, 21 August, 1959

10 - 11.15 a.m.	Committee 6	Room A Bâtiment Electoral
11.30 - 12.30 p.m.	Committee 7	Room A Bâtiment Electoral
3 - 6 p.m.	Committee 4	Room A Bâtiment Electoral

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AND NOW . . . . DOWN TO WORK

The plenary meeting, in record time, has drawn up a general plan for the work of the Conference and even laid down a date - or at least expressed a wish in connection therewith - for the end of work by the technical committees. Thereupon Committees 2, 4 and 5 have got down to work. Committee 4, with Mr. Pedersen in the Chair has reviewed the problems entrusted to it, and decided to consider, without more ado, the Iraqi request submitted at the third plenary meeting. This matter, once considered by Committee 4, will of course have to be reviewed by Committee 5. It has been decided that the Committee 4 rapporteur will be provided by the Delegation of the United Kingdom of Great Britain and Northern Ireland.

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Committee 5 (Chairman: Dr. Joachim) has appointed Mr. Barrailler (France) as rapporteur. The International Frequency Registration Board has appointed Mr. Fioraventi Dellamula and Mr. René Petit to help the Committee. The Delegate of Colombia having spoken, it has been decided that the Argentine Republic should provide the Spanish-speaking delegate, on the understanding that there would be but one official rapporteur per committee. Mr. Donald (United States) would be the Committee 5 English-language expert. The Delegates of the Federal People's Republic of Yugoslavia and Italy having spoken, it was decided that the Committee would first consider the reports submitted by the International Frequency Registration Board and the Administrative Council, so as to be able to give definite instructions to the working parties to be set up later.

It has been decided that no study of Document 35 should be made until this document has been considered by Committee 4.

During the deliberations, the Delegate of Portugal, backed up by the Delegate of the United States, proposed that two working parties be set up. One would deal with frequency notification procedures, and the other with the frequency list. But it will be possible to set up these working parties only later.

Committee 2 (Credentials), with Dr. F. Nicotera (Italy) in the Chair, has undertaken a preliminary examination of credentials. It was decided that a working party made up of the Chairman, the Vice-Chairman, the rapporteurs, and the Assistant Secretary of the Conference should consider the documents submitted by delegations.

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THE VICE-CHAIRMAN .....

The striking thing about Juan Antonio Autelli, Vice-Chairman of the Conference, is that even when he tries to assume the severity and dignity befitting the vice-chairman of a big international conference, he finds it difficult to hide a capacity for sympathy which is doubtless the most noticeable trait in his character. He is by nature and by experience inclined to indulgence in his judgements.

Indeed, how could this be otherwise? Mr. Autelli began in 1929 as a telegraphist. Having soon familiarized himself with the problems of radiotelegraphy and then of telecommunications in general, he became Director-General of Telecommunications of Argentina in 1955. Nevertheless, ever since 1945, he has been active in teaching telecommunication legislation and procedures at the Advanced Technical College run by the Ministry of Communications.

Those who had closer dealings with Mr. Autelli at Atlantic City (1947), at Buenos Aires in 1948 and 1949, when the first Inter-American Broadcasting Conference met, in Mexico City during the High-Frequency Broadcasting Conference, in Washington at the fourth Inter-American Radio Conference for ITU Region 2, in 1951 and 1952 in Buenos Aires on the occasion of the South American Regional Technical Meeting and at the ITU Plenipotentiary Conference, and in 1959 at the Ninth Plenary Assembly of the International Radio Consultative Committee in Los Angeles (United States), know that he does not rest content with a close study of technical details, but tries to preserve an atmosphere of good fellowship with his colleagues, no matter of what nationality they may be.

This is no doubt why the Radio Conference, while paying tribute to the efforts made by Argentina to extend and improve its telecommunication network, felt that it would be well advised to elect Mr. Autelli as Vice-Chairman. May we, however, express the hope that he will not too often have occasion to wield the Chairman's mallet.

THE WORD "TELECOMMUNICATION"

It is not easy to determine who invented the word "telecommunication". But it may not be entirely devoid of interest to recall that some sixty years ago, Edouard Estaunie, later to become a member of the French Academy (author, of course, of "L'Infirmé aux mains de lumière") published a Treatise on Telecommunications at a time when he was Director of the French Advanced School of Posts and Telegraphs (later on he became Director of Telephones). In the preface, he apologized for coining a new expression.

Mr. Fathi Geith announces that it was on behalf of the Head of the Delegation of Kuwait, Mr. Khaled Abdul Rozzak, that he took the floor at the third plenary meeting.



# THE MORNING ELECTRON

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## CORRIGENDUM

to No. 6, Monday, 24 August 1959

## AGENDA

Monday, 24 August, 1959

10 - 12.30 a.m.	Committee 5	Room B Palais des Expositions
10 - 12.30 a.m.	Sub-Committee 7A	Room D Palais des Expositions
3 - 6 p.m.	Committee 4	Room A Bâtiment Electoral
3 - 6 p.m.	Sub-Committee 7 D	Room D Palais des Expositions
4.30 p.m.	Committee 2	Room E Bâtiment Electoral

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# THE MORNING ELECTRON

Vol. 1. - No. 6

G E N E V A

Monday, 24 August, 1959

Published throughout the  
I.T.U. Conferences

## AGENDA

Monday, 24 August, 1959

10 - 12.30 a.m.	Committee 5	Room B Bâtiment Electoral
10 - 12.30 a.m.	Sub-Committee 7A	Room D Palais des Expositions
3 - 6 p.m.	Committee 4	Room A Palais des Expositions
4.30 p.m.	Committee 2	Room E Bâtiment Electoral

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"NEL MEZZO DEL CAMMIN DI NOSTRA VITA  
MI ENCONTRAI IN UNA SELVA OSCURA"

Considering the speed at which it is progressing, one may well ask if this Conference is not going to finish its work in record time. If the Foreign Ministers, who met in Geneva a short time ago with so little success as everyone knows, heard of what is happening in the Electoral Building, they would perhaps have some reason to feel ashamed.

Committee No. 4 (Frequency Allocation): Chairman Mr. Gunnar Pederson, rapporteur Mr. A.J. Bourne of the United Kingdom delegation was empowered to deal without delay with the request of Iraq to have their country represented in the European region and immediately discussed how to solve this problem yesterday afternoon. It heard the statements of the delegate of France, Mr. André Henry, General M.A. Baghdadi of the Iraqi delegation, Mr. Quijano Caballero, head of the Colombian delegation, Mr. Ivan Klovov, head of the Soviet delegation, and of Mr. Fathi Geith and Mr. M.N. Mirza of the Pakistani delegation. Some of them were of the opinion that the study of this problem should be entrusted to a working group whilst the others thought that a decision could easily be taken immediately. Mr. Federico Nicotera, head of the Italian delegation - who was not born in the country of Dante for nothing made a suggestion aimed at making a quick exit from the obscurity of the forest. He proposed that a working group should be set up, and that it should set to work once more and quickly suggest a solution to the Committee. The members of the working group arrived at a unanimous solution in record time by basing their discussion on the technical data and even staging a blackboard demonstration in order to examine the boundaries of the zones and regions. Committee 4 will now recommend the Conference to decide that, after having examined document 35 and discussed the technical arguments brought up by the Iraqi delegation in order to supplement the letter it had already sent to the Secretary General, the inclusion of Iraq in the European zone may be accepted on condition that this does not entail any revision of the Copenhagen and Stockholm plans or of the other sea service programmes.

Dr. Federico Nicotera, who in passing did not omit to remark kindly to the delegate of Iraq - whose country was not represented when the decision was taken in 1951 to classify Iraq in the African zone - that "those who are absent are always wrong".

During the meeting of Committee 4 he also publicly paid tribute to the cooperative spirit of the French delegation which had promised to arrive at a compromise that would be acceptable to all.

Thus the victorious Brigadier Baghdadi will no doubt be able to return soon to Iraq as he intended to do, bearing the laurels of the victor and with the desire to give his country a "decent radio service".

Committee 7 (Operations) (Chairman, Mr. A.J. Ehnle, Netherlands) appointed Mr. G.F. Wilson of the United Kingdom delegation as rapporteur and established four sub-committees:

Sub-Committee 7A - General questions:

Chairman: Mr. P. Bouchier (Belgium)

Vice-Chairman: Mr. Martin Flores Cantero (Mexico)

Sub-Committee 7B - Radiotelegraph and radiotelephone procedures in the mobile services

Chairman: Mr. R.M. Billington (United Kingdom)

Vice-Chairman: Mr. Bes (France)

Sub-Committee 7C - Distress and Security

Chairman: Captain G.V. Graves (U.S.A.)

Vice-Chairman: Mr. S. Gejer (Sweden)

Sub-Committee 7D - Radiotelegrams

Chairman: Mr. A. Caruso (Italy)

Vice-Chairman: Mr. M. Flisak (Poland)

These Sub-Committees will commence their work at the end of next week.

The representatives of the I.F.R.B. on Committee No.7 will be Messrs Rolph Page and T.K. Wang.

The next meeting of the Committee will take place next Thursday, 27 August.

Committee 6 (Technical Committee), with Mr.M.W.Mirza in the Chair, has established three sub-committees which will study the problems entrusted to this Committee. As we have had the opportunity to hear Mr. Mirza explain to someone who knew nothing about telecommunication problems the exact task of the Technical Committee, the Morning Electron will deal with the work of this important Committee of the Conference next week.

The representatives of the I.F.R.B. on Committee 6 will be Messrs Alphonse Cata and Noel Roberts.

"LET'S ROLL UP OUR SLEEVES...."

During the first meeting of Committee 5 (Frequency Registration Procedure and International Frequency List), the Chairman, Dr. M. Joachim, made some very important clarifications as to the task of this Committee.

1. Committee 5 should deal with the "maintenance of order" within the boundaries of the bands of the radioelectrical spectrum that is to be proposed by Committee 4.
2. The experts on Committee 4, as architects in the field of radiocommunications, should deal with perspectives and the placing and size of "sites" in the structure of the radioelectrical spectrum, whilst Committee 5 should be prepared to put this structure in order and clean it up.
3. Committee 5 should work as economically, rationally and effectively as possible in registering frequencies and should follow closely the results of research into the propagation of waves and the practice of radiocommunications.
4. I suggest that you "roll up your sleeves" in the words of a popular Czech song.

Mr. Alfred Katzin, Director of the Information Services of the United Nations, will be present at the reception given by Mr. W. Gibson Parker, Director of the Radio and Visual Means Division of the United Nations on Tuesday, 25 August.

SPLICE THE MAINBRACE !

We have learnt that here and now at this conference there are about 60 persons who take an interest in the problems of mobile sea radio stations and who look forward to discussing their common interests over a cup of coffee. In all probability a new meeting will take place in the next week or fortnight. There is a list giving the names of those interested in these questions.

Perhaps the number of those taking part in the next meeting would go up considerably if the organizers remembered that in the naval world other things besides coffee are sometimes drunk !

Splice the mainbrace.

QST TO ALL RADIO AMATEURS

Representatives of the American Radio Relay League are interested in compiling a list of amateur radio operators in attendance at the Administrative Radio Conference. At your early convenience, please drop in at the office of the Director of Public Relations, Room 7 in the Bâtiment Electoral, to register your name, amateur call sign, and address in Geneva. From preliminary indications, there are sufficient amateurs participating in the work of the conference to allow us to hold a good-sized hamfest some time during the coming months !



# THE MORNING ELECTRON

Vol. 1 - No. 7

G E N E V A

Tuesday, 25 August, 1959

Published throughout the

I.T.U. Conferences

## AGENDA

Tuesday, 25 August, 1959

10 a.m.	Committee 5 - Working Party A	Room C Palais des Expositions
10 a.m.	Sub-Committee 7 B	Room D Palais des Expositions
3 p.m.	Committee 4	Room A Bâtiment Electoral
3 p.m.	Sub-Committee 7C	Room D Palais des Expositions
3 p.m.	Committee 8	Room I Bâtiment Electoral
4.30 p.m.	Committee 2 - Working Party	Office 1 Bâtiment Electoral

N.B. : THERE WILL BE NO MEETING OF THE COMMITTEE 5 WORKING PARTY  
AT THREE O'CLOCK

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THE VICE-CHAIRMAN

Before Dr. M.B. Sarwate, Vice-Chairman of the Geneva Radio Conference, represented India in the I.T.U. Administrative Council and became head of the Indian Delegation, he was busy on technical research, first of all at Farnborough, England, from 1938 to 1940, and then at Swanage, England from 1940 to 1941. He is a graduate of Liverpool University. His task to-day is to advise the Government and government departments in New Delhi on problems connected with establishment and coordination of wireless communications, air communications, radar, radio and telecommunication problems in the broadest sense of the term, and his record of both research and practical experience is a guarantee of expert familiarity with them.

Dr. Sarwate was well equipped by his record in the Indian Air Force, his work in setting up radar stations and Loran and Gee Chains, his activities in connection with aviation communications (for India, the most important communications services of all), to act as Chairman of the Communications Committee of the I.C.A.O. Regional Air Navigation Meeting for the Middle East (Istanbul, Turkey) and at the I.C.A.O. meeting for allocation of frequencies in South-east Asia.

He has also worked on financial matters at meetings of the International Radio Consultative Committee and at sessions of the I.T.U. Administrative Council.

Dr. Sarwate is an Associate Member of the Institute of Electrical Engineers, London, and of the Institute of Telecommunication Engineers in New Dehli. He is also a Member of the Indian Aeronautical Association.

For all these reasons, the Head of the Indian Delegation, now Vice-Chairman of the Geneva Conference, is exceptionally well qualified to provide information on what is happening in India and adjacent countries, as also on how best to reach international agreements which, besides being technically up to date, will make proper allowance for the social and political developments taking place throughout the world.

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Mr. Gerald C. GROSS, Acting Secretary-General, acting on his doctor's orders, left Geneva on Sunday afternoon, suffering from a fresh attack of asthma.

Medical opinion is that Mr. Gross will be fit to start work again in Geneva before 15 September next.

While Mr. Gross is away, Mr. Clifford STEAD will act as Secretary to the Radio Conference. He will remain in daily touch with Mr. Gross.

#### THE UNITED NATIONS RECEPTION

The Director of the United Nations Division of Radio and Visual Media is giving a reception to-night. The heads of delegations who attend will have a chance to meet the Directors of Information of the I.L.O., F.A.O., UNESCO, W.H.O., I.B.R.D., I.M.F., W.M.O., I.A.E.A., U.N.I.C.E.F., and U.N.H.C.R., besides United Nations representatives. The Director of Information of I.C.A.O. will of course be there too.

#### A NOTE FOR SUCH DELEGATES WHO TAKE NO INTEREST IN THEIR DOCUMENTS .....

Would those delegates not interested, or apparently not interested, in Conference documents, be so very good as at least to clear their pigeon-holes ? (request from the Documents Service).

#### RATIFICATION

The Government of the Republic of Costa Rica has deposited instruments of ratification of the Convention with the I.T.U. General Secretariat.

Committee 5

Item 1: Document 35 - inclusion of Iraq in the European Area.

The Chairman of Committee 4, responsible for considering this matter, feels that before Committee 5 gives attention thereto it should wait until Committee 4 has reported to the plenary assembly.

Item 2: General discussion of Document 1 (report by the Administrative Council).

This report is a short account of Council activities and of what the Council has done to implement the Atlantic City decisions. It was submitted by Dr. Nicotera (Italy), himself a Councillor.

Dr. Nicotera dwelt on what had been achieved by the Extraordinary Administrative Radio Conference and the remarkable work done by the International Frequency Registration Board. He also provided information on the financial effects of drawing up a frequency plan.

Conclusion: The Chairman was of opinion that delegates had a fairly good general idea of what the report was about. Matters of detail would be considered when the time came to study proposals for changes in the Regulations. This proposal was adopted nemine contradicente.

Item 3: Report by the International Frequency Registration Board.

The delegates of the Member-countries represented were unanimous in expressing their gratitude to the International Frequency Registration Board, although the delegate of Pakistan made a reservation about the help given by the I.F.R.B. to underdeveloped countries.

Time being short, not all speakers could take the floor and it was agreed to allow them to do so at the next meeting.

Committee 2: Credentials.

Committee 2 met with Dr. Nicotera (Italy) in the Chair, and continued its perusal of credentials. A working party was set up to make a detailed examination of the credentials hitherto passed as satisfactory. The Chairman will be Dr. Nicotera; the other members will be recruited from the delegations of the Argentine Republic, the United States, Spain, the Federal German Republic, and the United Kingdom of Great Britain and Northern Ireland.

This working party will meet to-morrow, Tuesday, at half-past four, in the office of Mr. C. STEAD, its secretary.

Sub-Committee 7A held its first meeting on Monday morning at ten o'clock, with Mr. Bouchier (Belgium) in the Chair, in Room D of the "Palais des Expositions". The Vice-Chairman was Mr. Martin Flores Cantero (Mexico). As rapporteur, the sub-committee appointed Mr. R. Monnat (Switzerland), and the two other members of its drafting group: Mr. F. Carcaño Alonso (Spain), and Mr. W.D. Blow (United Kingdom of Great Britain and Northern Ireland).

The Chairman began by describing, in some detail, what the sub-committee was called upon to do (pages 18 and 19 of Annex I to Document No. 2), and indicated the list of proposals and documents relating to Articles 15, 19, 20, 21, 22, 23, 24, 25, 26, 42, 43, and 45, and Appendices 2, 6, 7, and 8 of the Radio Regulations (to be discussed), and briskly suggested that the sub-committee get down to discussion of the Yellow Book proposals without more ado. France, backed up by the United Kingdom of Great Britain and Northern Ireland, acting on Marshal Lyautey's dictum that when one's in a hurry, then is the time to go slowly, sagely observed that decisions in connection with Article 15 and Appendix 2 could not be considered before such matters had been discussed by Committee 6.

A coffee break was involuntarily prolonged by a crush at the bar. Thereafter the sub-committee decided, in accordance with an Argentine proposal (backed by the United Kingdom of Great Britain and Northern Ireland), that the substance of the proposals should not be discussed until the requisite literature was to hand. On Wednesday morning, 26th August, the sub-committee will discuss Articles 21, 22, 23 and 25 of the Radio Regulations.

The Chairman promised to speak to the Chairmen of other meetings being held in the Palais des Expositions to avoid congestion in the bar; would delegates kindly consent to the fifteen-minutes coffee break being reduced to ten?

Committee 4 continued to discuss its agenda, and amongst other things considered Article 4, on special agreements. After a general discussion, it was decided to set up a working party with a French Chairman, to draft Nos. 86 to 96.

It was agreed that the upper limit of the frequency allocation table should be set at 40,000 Mc/s.

Mr. John H. Gayer and Mr. Boris Yastrebov will represent the International Frequency Registration Board in Committee 4.

Meeting of Sub-Committee 7 D in Room D of the Palais des Expositions

Mr. Caruso (Italy), Chairman of the Sub-Committee (the Vice-Chairman is Mr. Psylak of the People's Republic of Poland) feared, in his opening speech, that his French might be unintelligible without the help of a translator (in fact, Mr. Caruso, with all respect to his modesty, knows how to make himself understood as well as his celebrated namesake). The Belgian Delegation agreed to provide a French-speaking rapporteur in the shape of Mr. Adam. The Argentine Delegation provided Mr. Itirios as a member of the drafting party, and the United States supplied Mr. P.A. Chandler. Mr. J.A. Kunz of the ITU General Secretariat, and Mr. Wang, a member of the International Frequency Registration Board, were to complete the Chairman's staff.

According to Document 2, Annex 1, the Sub-Committee will have to review Articles 38, 29, 40 and 41, and Appendix 14 to the Radio Regulations. It will, too, have to consider proposals relating to the Additional Radio Regulations, with an eye to the action taken on the general proposals relating to adaptation of the Radio Regulations to the new Telegraph Regulations.

The Chairman said he intended to set up a special working party to consider Article 41 and Appendix 14, together with Article 4 of the Additional Radio Regulations, dealing with radiotelegraph accounts. It was decided that a representative of the United Kingdom of Great Britain and Northern Ireland should be chairman thereof. There followed some discussion, and the delegates of the United States, the Argentine Republic, the United Kingdom of Great Britain and Northern Ireland, China, Sweden, France, Switzerland, the People's Republic of Poland, and Italy spoke; as a result, the sub-committee decided not to try to review Article 38 in plenary meeting. This difficult drafting work was entrusted to a working party under Mr. Carli, of the Argentine Republic.

After the break, a proposal made by the working party, namely, that the word "radiotelegram" should be replaced in Article 38 by the word "communication", was adopted. Supplementary proposals dealing with the same article were referred to the plenary meeting.

Lastly, despite three Dutch proposals, it was decided to make no change in the existing wording of Article 39 (station of origin of radiotelegrams). The delegate of China said, however, that he would submit a proposal under which Article 39 would apply to radiotelephone calls.

Next meeting, Friday, August the 27th, 1959, at three o'clock p.m., in the same room.



# THE MORNING ELECTRON

Vol. 1. - No. 8

G E N E V A

Wednesday, 26 August, 1959

Published throughout the  
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## AGENDA

Wednesday, 26 August, 1959

10 a.m.	Working Party 4A	Room E
10 a.m.	Committee 5	Room A (instead of Room B)
10 a.m.	Sub-Committee 7A	Room D Palais des Expositions
3 p.m.	Committee 4	Room A
3 p.m.	Working Party 6C	Room C Palais des Expositions
3 p.m.	Sub-Committee 7B	Room D Palais des Expositions
4.30 p.m.	Committee 2, Working Party	Office 1

N.B. At 3 p.m. in the Palais des Expositions, Room C : a meeting of Working Party 6C, and not of Working Party 6A as previously announced. The agenda will be distributed in the course of the morning.

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Mr. PRAESIDENT . . . . .

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Mr. Gunnar Pedersen, Head of the Danish Delegation and Chairman of Committee 4, belongs to the swiftly dwindling ranks of I.T.U. conference veterans.

Mr. Pedersen received his engineering training at the Lureanstalt technical college in Copenhagen. He is thoroughly well equipped for his task as a result of his work for the International Standard Electric Corporation, London (1929-1930), in the LMT Laboratories in Paris (France), from 1930 to 1932, and in the Danish Posts and Telegraphs Department, where he has been engineer-in-chief since 1954.

He was Chairman of the Atlantic City Committee which had to deal with the International Frequency Registration Board (1947), and an assiduous, ubiquitous member of the Danish Delegation at the Copenhagen Broadcasting Conference in 1948. In 1948 and 1949 he was Chairman of the Plan Committee at the Mexico City Conference, Chairman of the Implementation Committee at the Extraordinary Administrative Radio Conference (Geneva, 1951), Danish representative at the Buenos Aires Plenipotentiary Conference in 1952, Chairman of the Plan Committee at the European Broadcasting Conference in Stockholm, Danish representative at the plenary assemblies of the International Radio Consultative Committee in London (1953), and Warsaw (1956), and of the International Telegraph and Telephone Consultative Committee in Geneva (1956). Mr. Pedersen is certainly, of all the experts here present, one of the best qualified to deal with the exceedingly difficult and abstruse problems confronting the Conference.

All this, however, hardly suffices to explain the reputation he enjoys and the influence he wields over colleagues from all over the world. To have attended innumerable international conferences, to have acted as adviser to the Broadcasting Council, the Supervisory Bureau for private telephone companies, the national URSI committee, the Academy of Technical Sciences, the Micro-Wave Laboratory, and the Association of Civil Engineers in Denmark - even this record, imposing though it be, would not be enough to explain the reputation Mr. Pedersen enjoys among experts from every part of the world.

His secret is to be found in common sense, in the conviction that in discussion there are boundaries that must not be crossed, and an eagerness to understand other people's views. The chief thing, to his way of thinking, lies not so much in brilliant but inconclusive discussion, but in the attainment of tangible and satisfactory results.

Many are the travellers and writers who have tried to explain the Danish sense of humour. It is certainly not the same as either English humour or French wit. Those anxious to discover just how the subjects of His Majesty King Frederick the Ninth conceive of their duties to other countries, and their attitude to life, cannot do better than attend a meeting of Committee 4. They would do well to observe how the Head of the Danish Delegation directs discussions, undogmatically, without any of the trappings of formal discipline, but with firmness and good humour certain to disarm even those who might be inclined to drag their feet a little.

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Committee 2 - Working Party:

The working party of the Credentials Committee (Committee 2) meticulously scrutinized the credentials shewing that the delegations concerned could: 1. take part in the Conference; 2. vote in the course thereof; and 3. sign the Final Acts. The working party found that the credentials submitted by thirty-eight Members of the Union and those submitted by two Associate Members were entirely in order.

Committee 4:

This Committee met with Mr. Pedersen (Denmark) in the Chair. There was a general discussion on the section of the annex to the agenda relative to the bands between 10 and 150 kc/s. A working party will pursue this matter further.

Sub-Committee 7 B:

Sub-Committee 7 B met with Mr. R.M. Billington (United Kingdom of Great Britain and Northern Ireland) in the Chair. As rapporteur, it appointed Mr. Wilson (United Kingdom of Great Britain and Northern Ireland) and considered its terms of reference. The Sub-Committee was unanimous in wishing to reach a solution capable of general acceptance.

Sub-Committee 7 C:

This met with Captain Charles Graves (United Kingdom of Great Britain and Northern Ireland) in the Chair, to discuss the proposals submitted. It will meet again on Friday, August the 28th, 1959, at 10 o'clock, in the Palais des Expositions, Room D.

Committee 8:

Committee 8 (drafting), with Mr. Henry (France) in the Chair, decided how texts for submission to the plenary assembly should be laid out.

A point emphasized was that any delegate should be able to follow the course taken by any text, from the moment it was dealt with by Committees, 4, 5, 6, or 7, until such time as the Regulations were approved in plenary assembly.



# THE MORNING ELECTRON

Vol. 1 - No. 9

G E N E V A

Thursday, 27 August, 1959

Published throughout the  
I.T.U. Conferences

## AGENDA

Thursday, 27 August, 1959

9.30 a.m.	Committee 1	Room E Bâtiment Electoral
10.30 a.m.	Committee 7	Room A Bâtiment Electoral
3 p.m.	Working Party 4 A	Room E Bâtiment Electoral
3 p.m.	Committee 5, Working Party	Room K Bâtiment Electoral

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AN ENTHUSIASTIC CHAIRMAN

Dr. M. Joachim's most striking quality is his enthusiasm.

Whether he is discussing the general principle of international telecommunications, defending his own or his delegation's opinion, or trying to conciliate the views of the different delegations, the head of the Czechoslovak Delegation, Chairman of Committee 5, does it enthusiastically - as enthusiastically as he explains to those with only a vague notion of the problem of telecommunications, the rudiments learned today by every school-boy.

An electrical engineer, Doctor of Science of the Prague Polytechnic, a former student of the Massachusetts Institute of Technology (M.I.T.), Assistant at the Institute of Radio Electricity at the Polytechnic of Czechoslovakia, Post Office engineer, active member of the O.I.R., member of the Czechoslovak Delegation to Geneva in 1951 for the meetings of the C.C.I.R. and E.A.R.C., head of the Czechoslovak Delegation to Stockholm, 1952, Geneva, 1954, Brussels, 1955, Warsaw, 1956, and Los Angeles, 1959 - Dr. Miroslav Joachim, besides having all the technical knowledge that can be acquired in Europe and North America, is well acquainted with the proceedings of international telecommunication conferences. This is a good omen for the work of Committee 5 which has to deal with the delicate question of registration and the international frequency list.

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The working party of the Credentials Committee (Chairman, Dr. Federico Nicotera) scrutinized the credentials of twenty-three countries.

These credentials were deemed to be in order in so far as the participation of the countries in the work of the conference was concerned, but they contained no mention of the right to approve the Final Acts of the Conference.

The working party has now completed its work and a report by Committee 2 has been prepared for the Plenary Assembly.

#### COMMITTEE 4

This Committee met today with Mr. Pedersen (Denmark) in the Chair and began its consideration of the frequency allocation table. The band 150 kc/s to 405 kc/s was dealt with as well as a number of less important questions. Certain other questions were referred to working parties.

As usual during the discussion, Mr. Pedersen raised a laugh by quoting a Danish proverb to the effect that "you should never do today what someone else can do tomorrow".

#### WORKING PARTY 6 C

The working party met with Mr. Heilman (Federal German Republic) in the Chair. The first seven paragraphs of Article 13 were considered. Certain points were referred to two working parties.

COMMITTEE 5

In Committee 5, the delegates of the following countries spoke: Spain, France, Ceylon, Canada, Ghana, China, Indonesia, Union of South Africa, Malaya, U.S.S.R., Netherlands, Paraguay, Bulgaria, Israel, Poland, Japan, Ireland, Yugoslavia, Cuba, Turkey, Venezuela, Greece, Ethiopia, Ukraine.

The I.F.R.B. was congratulated on the work it had done.

The delegate of the U.S.S.R. pointed out, however, that the I.F.R.B. had been unable to draw up a plan for high-frequency broadcasting in accordance with the recommendations of the C.C.I.R., nor had it succeeded in making an international frequency list.

The delegation of the U.S.S.R. considered that the draft plans for the high frequency broadcasting service should be considered at a special conference as the I.F.R.B. had been unable to find a satisfactory solution to the problem. The delegation considered that the I.F.R.B. had not been able to do all that had been expected of it.

The delegates of Bulgaria and Poland shared that view.

The delegate of Israel proposed that the I.F.R.B. should set up a group of two to three members to give assistance to new and still under-developed countries.

The delegate of Colombia considered that the I.F.R.B. should make a study of the effective use of frequency bands.

The delegate of the United Kingdom thought that the I.F.R.B.'s suggestions concerning the amendment of the Regulations should appear in a special document.

In regard to Item 5, a working party was set up to deal with the outstanding questions.

The delegate of Portugal proposed that the Committee should divide into two working parties, one to deal with the procedure and with changes in frequencies, the other to deal with the international frequency list. The proposal was discussed together with others that a larger number of working parties should be set up. The opinion of the delegate of Portugal was supported by the delegates of the United States, New Zealand, the United Kingdom, the Argentine Republic and Colombia. The delegation of the U.S.S.R., however, considered that several working parties should be set up, and this view was shared by the delegation of Bulgaria.

The delegate of Mexico, supported by the delegate of Cuba, proposed as a compromise that two sub-committees and two working parties should be set up.

The delegation of the U.S.S.R. proposed that, in view of the importance of this question, the Chairman and the Vice-Chairman should study it before the next meeting and should consult the various delegations, while Italy suggested that a small working party should be set up composed of three representatives from the three regions. The Chairman decided that he and the Vice-Chairman would nominate the members of this working party which would meet before the next meeting of the Committee on Friday. Two members of the I.F.R.B. would take part in the working party.

The Chairmen of Sub-Committee 6A and of Working Parties 6A and 6A9 will meet this morning, 27 August, at 9 o'clock, in Room L.

SUB-COMMITTEE 7A

Although the Sub-Committee did not succeed in exhausting the heavy agenda introduced by its Chairman, Mr. Bouchier, it settled the fate of nine proposals. It rejected two submitted by the Federal German Republic which were not supported by other delegations; it adopted four others submitted by Morocco, the United States of America, France, the French Overseas Territories and Switzerland, and rejected two proposals by the United Kingdom and Czechoslovakia. The provisions of Article 21 on secrecy remain unchanged; number 489 of Chapter X, Article 22, of the RR concerning licences will be amended, as will number 490. A new number, 492 bis, will deal with the operation of mobile land stations on the territory of countries other than the country which has granted the licence. At the end of the meeting, Mr. P. Bouchier announced that he was obliged to go away and that he would be replaced by the Vice-Chairman, Mr. Martin Flores Cantero.

SUB-COMMITTEE 7B

With Mr. Billington in the Chair, the members of the Sub-Committee continued to consider radiotelegraphy and radiotelephony procedures in the mobile services. This Sub-Committee has a long and complicated task before it.

SPACE AT LAST !

The International Astronautical Federation has arranged for the publication of an introduction to communications in space. Copies of this "Space Communication Primer" have been distributed to heads of delegations. A limited number of additional copies are available, and may be secured from the Public Relations Office of the Bâtiment Electoral.

NOTICE :

The head of Delegates' Services draws the attention of delegates to the fact that the space provided for the storage of their documents or personal belongings is one set of shelves for two delegations.



# THE MORNING ELECTRON

Vol. 1 - No. 10

G E N E V A

Friday, 28 August, 1959

Published throughout the  
I.T.U. Conferences

## AGENDA

Friday, 28 August, 1959

10 a.m.	Committee 5	Room A Bâtiment Electoral
10 a.m.	Sub-Committee 7 C	Room D Palais des Expositions
3 p.m.	Committee 4	Room A Bâtiment Electoral
3 p.m.	Sub-Committee 7 D	Room D Palais des Expositions
4.30 p.m.	Committee 2	Room E Bâtiment Electoral

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THE SUMMIT CONFERENCE REACHES SOME IMPORTANT DECISIONS

Committee 1, known as the Steering Committee, the Room Distribution Committee, and the Summit Conference, yesterday reached some important decisions.

It accepted an invitation from Mr. G.A. Wettstein, Assistant Director General of P.T.T. of the Swiss Confederation. Mr. Wettstein, who is Honorary Chairman of the Radio Conference, plans to invite heads of delegations, chairmen and vice-chairmen of the Conference and the various Committees to a dinner on 11 September. Invitations will shortly be sent to those taking part.

Also, the authorities of the Republic and Canton of Geneva, and the Geneva Town Council, will give a party on 16 October at the Art and History Museum in honour of the delegations attending the Radio and Plenipotentiary Conferences.

The distribution of meeting rooms for Committees and Sub-Committees was the subject of excellent blackboard work in splendid red, white and blue chalk. It seems quite clear that, if things keep going at their present rate, the timetable will soon require amendment. To judge from the pace at which the Chairmen of Committees 4 and 5 are flogging their willing steeds, we shall soon be having Breakfast Working Groups, High-ball Working Groups and, in all probability, Midnight Oil Working Groups.

To avoid mistakes and delays, final decisions on room distribution will be taken at 6.15 each evening and delegates who cannot wait until dawn and the issue of the Morning Electron in their desire to miss nothing of the work of the meetings, may obtain information about last-minute blackboard changes by telephoning the Head Messenger (up to 10.30 p.m.).

The Summit Conference also decided that Committee 1 would henceforth meet every Thursday morning, but from 9 to 10 a.m. only, to avoid overshadowing the activities of Committees, Sub-Committees and Working Parties.

Finally, to prevent lengthy debates in plenary assembly, the Secretariat will submit draft minutes to all Heads of Delegations, to enable them, should they so desire, to make amendments therein.

Delegations are, of course, entitled to discuss such matters in plenary assembly, but the idea is to prevent the plenary assembly from being too often transformed into a vast drafting or grammar committee.

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### THE LIST

The revised list of delegates is at last to be issued. It has been made slightly smaller, to fit the pocket. The edges of the covers have had to be bent back and riveted.

You are requested to exchange the loose-leaf covers you have already received for the new sort. Should anyone prefer to keep the old covers, a set of sheets to be inserted may be obtained from the Distribution Service.

The stock of new covers is not sufficient for all needs and when it is used up sets of pages will be distributed in exchange for old covers, which will then be returned to the binders for alteration. The new covers will be handed over as and when they come back from the binders.

The first set of sheets to be distributed will contain the beginning of the list of delegations and a complete set of cardboard sheets to separate the different sections of the list to be revised. The remainder of the revised list will be distributed as and when deliveries from the printers permit.

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### HOW DO WE STAND?

Seventy-seven Member-States, two Associate-Members, five private operating companies, six specialized agencies of the United Nations and fourteen international organizations are now officially represented at the Administrative Radio Conference, which is at present being attended by exactly seven hundred and eight persons.

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# THE MORNING ELECTRON

Vol. 1 - No. 11

G E N E V A

Monday, 31 August, 1959

Published throughout the

I.T.U. Conferences

## AGENDA

Monday, 31 August, 1959

10 a.m.	Committee 5	Room A Bâtiment Electoral
10 a.m.	Sub-Committee 7A	Room D Palais des Expositions
3 p.m.	Committee 4	Room A Bâtiment Electoral
3 p.m.	Working Party 6A	Room C Palais des Expositions

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### AN ASTONISHING CONFERENCE

For a veteran of international conferences, the Administrative Radio Conference cannot but seem an exceedingly strange meeting from several points of view.

Almost automatically, just when it seems that an incident is imminent, that a dead end has been reached, and that there will have to be some postponement, a compromise appears. This is what happened on Friday in Committee 5, when a decision of extreme importance had to be taken. The Committee had decided to have a general discussion and then to set up two working parties, one to deal with frequency registration procedure, and the other to handle the international frequency list.

The question of who should be Chairman of the working party on frequency registration cropped up almost at once. Dr. Miroslav Joachim proposed Mr. Nikolai Krasnosselski (Union of Soviet Socialist Republics), whereupon certain delegates observed that distinguished engineers, thoroughly familiar with the work of the International Frequency Registration Board, were attending the Conference, such as Mr. Paul D. Miles (United States), Mr. Per Mortensen (Norway), Mr. José Pardo (Spain) and Mr. Nisse Uhlen (Sweden), all of them eminently well qualified for the post in question. The Head of the South African Delegation, supported by the delegates of Portugal, China, Mexico and Turkey, called for a vote on the matter. Mr. George Searle (Head of the Delegation of New Zealand) thereupon remarked that quite apart from the question of experience acquired in the I.F.R.B., a factor to be borne in mind was what had happened in the past. The United States had played a great part in such matters and for many years, had been devoting much thought and effort to the problem of frequency registration.

These views commended themselves to the Delegates of Brazil and Austria.

Mr. Flisak (People's Republic of Poland), supported by the Delegate of the People's Republic of Bulgaria, proposed that a Chairman and Vice-Chairman be elected at the same time, both of them to be highly qualified for the posts.

The Head of the Colombian Delegation, Mr. Santiago Quijano, repeatedly declared that the Committee should await the appearance of a document. A beginning should be made with the general discussion. These views were shared by the Cuban, Spanish, Dutch and Ethiopian Delegations. Mr. Quijano observed that there seemed little reason for precipitancy, since twelve years had been allowed to elapse. The problem could surely wait a little longer.

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A break always serves some useful purpose. In this case, it enabled unanimous agreement to be arrived at.

The Union of Soviet Socialist Republics did not insist on the election of Mr. Krasnosselski as Chairman of the Working Party. Mr. Paul D. Miles (United States) was not eager to stand, and suggested Mr. George Searle, of the New Zealand Delegation. Dr. Sarwate (India) at once seconded this proposal. Mr. Lázaro Barajas G. (Mexico) having paid tribute to the work done by Mr. Paul D. Miles in the international field, Mr. Miles' suggestion was unanimously adopted.

Mr. Krasnosselski emphasized how urgent it was to discuss Article 11. Article 12 was closely bound up with Article 6, and Committee 5 should not deal with the problems presented by Article 6.

Dr. Nicotera (Italy) agreed. Thus the Committee decided just how far this discussion should go, and laid down terms of reference for this exceedingly important working party. Its Chairman, Mr. Searle, has recently accomplished a United Nations /I.T.U. Technical Assistance mission which has earned universal applause.

Committee 4, it was decided, should consider Article 11 and part of Article 12, but not the questions arising from Article 6 of the Convention.

Mr. André Henry (France) declared that in the general discussion on frequency registration, speakers should confine themselves to general ideas, and not attempt to raise particular problems.

Hence approval was given to the following:

- the proposal made by the United Kingdom of Great Britain and Northern Ireland, to the effect that a Chairman for the Working Party should be elected without more ado; and

- the views expressed by Mr. Popovic (Federal People's Republic of Yugoslavia), who said that there would be a sharp clash of opinion, and that the delegations naturally inclined to compromise could provide the Chairman of the Working Party.

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SOME NEWS ABOUT THE SECRETARY OF THE CONFERENCE

Mr. Gerald Connop Gross, General Secretary of the Administrative Radio Conference, with whom we had a telephone conversation yesterday, said that in all likelihood he would be back by 15 September next, in accordance with his doctor's estimate.

TRUE NOTES AND FALSE

Committee 4, under Mr. Gunnar Pedersen (Denmark), has decided what should be done about footnotes. It soon came apparent, from the statements made by Mr. J.A. Gracie (Vice-Chairman, I.F.R.B.), Mr. Pedersen and the Indian, United Kingdom, Federal German, Colombian, Brazilian, Swedish, Dutch, Australian and United States Delegates, that there was substantial agreement on principle. Footnotes should be reduced to a minimum, and be assembled into categories of unambiguous and universal application, while their lay-out should be improved and clarified. It had to be remembered that No. 88 was extremely clear, and settled a good many difficulties. In brief, what Mr. Pedersen described as an indigestible muddle was to be tidied up. The Delegate of the Federal German Republic observed that there were one hundred and twenty-two such notes, fifty-six of which, in view of No. 88, seemed superfluous. But the Delegate of the United Kingdom of Great Britain and Northern Ireland observed that No. 88 applied only to particular problems, and not to regular services. It was agreed that Mr. Sven Gejer (Sweden) should lead the working party set up to deal with this matter.

The Delegate of Canada, supported by the Delegate of the United States, suggested that the International Frequency Registration Board draw up a list of "skeleton proposals" relative to the drafting, re-arranging, and standardization of notes. Mr. J.A. Gracie (Vice-Chairman of this body) said that would be possible.

It was agreed that a working party under Shri M.L. Sastry (India) would deal with frequencies from 9 kc/s to 4,000 kc/s.

#### THE CREDENTIALS COMMITTEE

At its third meeting, the Committee decided that, contrary to what had been announced, there was no call for the Committee to submit a report to the Plenary Assembly for the time being.

#### SUB-COMMITTEE 7C

Sub-Committee 7C met with Captain Charles Graves (United States) in the Chair. On the Agenda were No. 232, Article 8, Nos. 240 and 241; Chapter IV, Article 36, Nos. 360, 361, 362, and 363. A working party will report to the Sub-Committee next Wednesday.

#### SUB-COMMITTEE 7D

There was an animated discussion as to whether time should run from 0000 to 2400 hours or from 0001 to 2400 hours. This Sub-Committee is forging steadily ahead with its work and has reached the questions of principle arising out of Article 4 (rates for radiotelegrams):

#### MEDICAL ATTENTION

The infirmary near the main entrance in the Electoral Building will on 31 August be transferred to more spacious accommodation on the first floor (No. 203). The telephone number (42) remains the same.



# THE MORNING ELECTRON

Vol. 1 - No. 12

G E N E V A

Tuesday, 1 September 1959

Published Throughout the  
I.T.U. Conferences

## A G E N D A

Tuesday, 1 September, 1959

9.30 a.m.	Sub-Committee 4B	Room E Batiment Electoral
10 a.m.	Sub-Committee 5B	Room A Batiment Electoral
10 a.m.	Sub-Committee 6C	Room C Palais des Expositions
10 a.m.	Sub-Committee 7D	Room D Palais des Expositions
10 a.m.	Working Group 7B-2	Room K Batiment Electoral
3 p.m.	Committee 4	Room A Batiment Electoral
3 p.m.	Working Group 7B-1	Room L Batiment Electoral
3 p.m.	Working Group 7C-1	Room K Batiment Electoral

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COMMITTEE 4: "THE LIGHT THAT FAILED"

The work of the Committee 4, was not made easier by the fact that on a number of occasions the microphone signal lights failed to operate. A delegate pointed out on one occasion that he was waiting for a light, and the Chairman, we hope with no suggestion of double entente, said "It may never come". However, after the break, the situation was restored to normal and progress was more rapid, the committee completing its initial deliberations on Frequencies up to 1605 kc/s.

During the afternoon a Swedish proposal to interchange a maritime service band and a broadcasting band received considerable attention but it was finally agreed that Committee 4 would at this time take no further action. At the end of the meeting Monsieur R. Lecomte of Belgium produced a most interesting suggestion for, in his own words, rejuvenating the old lady of I.T.U. His proposal which was for a new method of presentation of the Frequency Allocation Table, was considered to warrant careful consideration by Working Group 4 F.

5th MEETING OF COMMITTEE 5

The Agenda of the 5th meeting covered a final discussion on questions concerning the procedure for the notification and recording of frequency assignments and questions concerning the international frequency list as general guidance to Working Group 5 A.

Mr. Searle, of the New Zealand Delegation, told the Committee what important questions he thought should be studied. They included: 1. Technical analysis of frequency assignments; 2. assignment dates; 3. monitoring; 4. periodical revision of the international frequency list and 5. harmony between the international frequency list and the actual list of frequencies.

The Delegates of Colombia, Roumania, Portugal, India, the United States, Pakistan, the U.S.S.R, Indonesia, the Belgian Congo, Czechoslovakia, Spain and Mexico, then gave their general views on the procedure for recording frequencies and the international frequency list.

Two main trends emerged from these first statements: one of them, supported by a considerable number of delegations, would like the means at the disposal of the I.F.R.B. to be increased so as to produce an international frequency list giving a correct idea of the use of the spectrum, while the other, supported by the Delegates of Roumania, the U.S.S.R. and Czechoslovakia, would prefer to see the importance and the duties of the I.F.R.B. decreased.

Not all the delegations which asked for the floor could have it and the continuation of the discussion was deferred to the following meeting.

RING FOR THE SCHEDULE

Any delegates who want to know what meetings are going to be held the following day can ring 320660 up to 10 p.m.

QST TO ALL RADIO AMATEURS

Representatives of the American Radio Relay League are interested in compiling a list of amateur radio operators in attendance at the Administrative Radio Conference. At your early convenience, please drop in at the office of the Director of Public Relations, Room 7 in the Bâtiment Electoral, to register your name, amateur call sign, and address in Geneva. From preliminary indications, there are sufficient amateurs participating in the work of the conference to allow us to hold a good-sized hamfest some time during the coming months.

Interpreters, and delegates, often find themselves at sea in the collected proposals. It would be much easier for them if the page number in the yellow book were always given side by side with the number of the proposal..

At the same time, the interpreters would be grateful to the Chairmen of Committees, Sub-Committees, Working Groups and so forth if they would announce slowly the documents, proposals, articles of the Radio Regulations, and so forth, which are to be dealt with in meetings.



# THE MORNING ELECTRON

Vol. 1 - No. 13

G E N E V A

Wednesday, 2 September 1959

Published Throughout the  
I.T.U. Conferences

## A G E N D A

Wednesday, 2 September 1959

10 a.m.	Committee 3	Room E Bâtiment Electoral
10 a.m.	Committee 5	Room A Bâtiment Electoral
10 a.m.	Sub-Committee 7-A	Room D Palais des Expositions
10 a.m.	Working Group 6A-4	Room G Bâtiment Electoral
3 p.m.	Committee 4	<b>Room A</b> Bâtiment Electoral
3 p.m.	Working Group 6-B	Room C Palais des Expositions
3 p.m.	Sub-Committee 7-C	Room D Palais des Expositions

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O WHERE IS CELIA ...!

O Where is Celia, where is she ?  
I have not met her yet, you see,

Her life is quite a mystery,  
I do not know her history,

If her approach, or "incidence"  
Is guided by her common sense,

Is "difficult" or "tropical",  
Is flat, "oblique" or "vertical",

Is of the highest in the land,  
Or some low megacycle band.

Or does she snore and has a low  
Signal-to-noise ra-ti-io ?

Or has she any progeny ?  
If so, what is her frequency ?

I do not know her curves at all,  
Her data propagational.

Is she a dona or a squaw ?  
Or just a female matador ?

Historian ? Geographer ?  
Interpreter ? Mimeographer ?

Distributor of documents ?  
Curator of the monuments ?

Perhaps she is unfortunate  
Enough to be a delegate,

And cannot hear my whispered tones  
Without the aid of microphones.

Is she completely dumb or deaf ?  
Or has some special "M.U.F."

O Where is Celia, where is she ?  
She isn't in Committee 3.

I do not see her in the Hall,  
Or even in the coffee stall.

If she is in a Working Group,  
Should I be asking Carla Stoop ?

Should I, perhaps, engage a guide  
And comb the crowds at Christmas-tide ?

Does she reside in Texcoco ?  
Or comes to pray in Zocalo ?

\*  
\*       \*

With her in some secluded bower,  
I only beg one channel-hour.

And if she does approve of me  
and rests in my Appendix B,  
Would those who make the FINAL PLAN  
Allot her, please to Pakistan

---

After this poem please add the following note :

Our readers are asked the following questions :

- 1) Who wrote this poem ?
  - 2) When was it written ?
  - 3) What has become of the author ?
-

WORKING GROUP 5-A

Because of the numerous membership of this Working Group, its Chairman, Mr. G. Searle, proposed a Vice-Chairman in the person of Mr. Gillioz, of the Swiss Delegation, who was elected by acclamation. The I.F.R.B. members attending Committee 5 would also take part in the work of Working Group 5-A.

The Administrations which have made proposals for the revision of Article 11 of the Radio Regulations will be requested to submit their proposals verbally, one after the other in alphabetical order. The proposals will then be discussed by the Group.

Working Group 5-A set up a drafting Sub-Group, with representatives of Spain, the United States, France, Japan, Mexico, Pakistan, the United Kingdom and the U.S.S.R.

The representative of France will be Chairman of the Sub-Group, which will include members of the I.F.R.B.

COMMITTEE 4

Committee 4 continued its consideration of proposals in connexion with the Frequency Table between 1605 kc/s and 2000 kc/s.



# THE MORNING ELECTRON

Vol. 1 - No. 14

G E N E V A

Thursday, 3 September 1959

Published Throughout the  
I.T.U. Conferences

## A G E N D A

Thursday, 2 September 1959

9 a.m.	Committee 1	Room E Bâtiment Electoral
10 a.m.	Working Group 5-A	Room F Bâtiment Electoral
10 a.m.	Committee 6	Room A Bâtiment Electoral
10 a.m.	Sub-Committee 7-B	Room D Palais des Expositions
11.30 a.m.	Working Group 4-F	Room E Bâtiment Electoral
3 p.m.	Committee 4	Room A Bâtiment Electoral
3 p.m.	Working Group 6-C	Room C Palais des Expositions
3 p.m.	Sub-Committee 7-D	Room D Palais des Expositions

## FIRST MEETING - WORKING PARTY 4B-2

Several delegations having requested postponement of the Meeting published in Document No. DT 59, the first meeting of Working Party 4B-2 will now take place on Monday, 7 September at 9.30 a.m. in Room "H".

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### COMMITTEE 3

The Finance Control Committee held its first meeting on Wednesday, 2 September, under the chairmanship of Mr. George Searle (New Zealand).

Mr. Bernard Delaloye (Switzerland) was nominated Rapporteur.

Two Working Groups were set up - Working Group 3A (Conference Organization) under the chairmanship of Mr. Shinichi Hase (Japan) and Working Group 3B (Finance Group) under the chairmanship of Mr. Børge Nielsen (Denmark).

The Committee discussed in a general way the budget for the Conference approved by the Administrative Council.

### COMMITTEE 4

Committee 4 concluded its general discussions on Frequencies below 4,000 kc/s, and will to-day consider above that limit. It was pleasant to note the Chairman's views that on one point at least "there appears to be plenty of room to compromise".

The Chairman explained that to-day he will propose a different mode of attack on the problems. Whereas detailed examinations, band by band, had proved successful below 4,000 kc/s, and would probably be equally successful at much higher frequencies, he considered that initially discussions on HF Band 4-27.5 mc/s ought to be general and directed towards the services using the bands; the working document would accordingly be prepared on these lines and he hoped that for to-day's meeting details could be omitted and the discussion kept to general principles.

COMMITTEE 5

During the general discussion on the procedure for notifying and recording frequencies and the International Frequency List, to provide guidance for Working Group 5A, delegates of the following countries spoke: Yugoslavia, United Kingdom, Belgium, Canada, Greece, Ceylon, Philippines, Paraguay, Poland, Argentina, Brazil, Japan, Australia, Ukraine, China, Cuba, Federal German Republic, Turkey, Bolivia, Italy, Israel and Bielorussia.

Speaking at the end of the general discussion, Dr. M. Joachim thanked Mr. G. Searle, Chairman of the Working Group, for his preliminary remarks which had led to a very useful discussion.

The present position may be summed up as follows: on some questions, there is unanimity; not so on others.

There would seem to be unanimity on the theoretical technical examination at a certain stage of notifications, the important question of notification dates and the desire to decrease the amount of work required to prepare the international frequency list. There seem to be different opinions as regards the importance of the theoretical technical examination of interference probabilities - a question of importance for the future work of Committee 5 and Sub-Working Party 5 A. Should the findings of this more or less theoretical examination be regarded as decisive for reaching conclusions on the probability of harmful interference? It can be said that all the delegations which spoke are in favour of perfecting the technical standards used for this examination. This desire was already expressed in the I.F.R.B. report.

Should the Administrations themselves be left to select appropriate frequencies and technically examine them? From statements made in the Committee it seems that this can not be done on a coordinated basis, i.e. technical standards adopted by Members, but revised by a centralizing organ on the basis of the most recent recommendations of the C.C.I.R. and other scientific bodies.

If the technical examination were made by Administrations on this "coordinated basis", the notification procedure would be simplified and the organization dealing with the orderly registration of frequencies would chiefly have to advise and guide any Administrations which so desire, especially those of new countries which have not reached their full development. This does not in any way mean a return to the Cairo procedure, but it would be different from the present procedure.

Or, finally, will preliminary theoretical calculation be regarded as a condition which is necessary but not adequate for issuing a binding finding? The delegates of Mexico and Switzerland, among others, were in favour of this solution, which is by way of a compromise.

It would actually amount to adding a pragmatical verification to the preliminary theoretical calculation, while the favourable or unfavourable finding would be issued only on the basis of practical operational results.

In any case, everyone agrees that there should be new co-operation and mutual understanding between Administrations.

During the discussion, Mr. René Petit of the I.F.R.B. thought it well to give precise definitions of some of the expressions used and to point out:

- that the I.F.R.B. theoretical study had actually been made on the basis of the C.C.I.R. findings,
  - but that for reasons of pure and simple chronology it had been impossible to take the Los Angeles decisions into account for the preparation of the high-frequency broadcasting plan.
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L E T T E R S

So that they may receive their letters more quickly, delegates to the conference are requested to ask people who write to them often to put the number of their pigeon-hole after their name on the envelope

URUGUAY TO BE  
REPRESENTED SHORTLY

The representatives of Uruguay should arrive in Geneva in a few days to participate in the debates and discussions of the Administrative Radio Conference.

"BAGATELLE" "HAMS"

The following amateurs are attending the Conference :

<u>Box No.</u>	<u>Call</u>	<u>Name</u>
6/3	OE 1 AD	DOMINKUS Adolf
85	HB 9 IA	GROSS Gerald C.
14	VE 2 AC	ACTON Charles
401/1	G 6 CL	CLARRICOATS John
85	HB 9 PJ	DUBRET Fernand
77/6	DL 1 XJ	SCHAEDLICH Alfred
77/9	DL 3 SO	BINZ Rudolf
85/4	HB 9 DB	GULDIMANN Albert
85/2	HB 9 AS	KLEIN Willy
31	W 4 CXA/W 2BMX	WALKER A. <del>Prose</del>
86	OK 1 WI	JOACHIM Mireslow Dr
401/2	SM 5 ZD	KINNMAN Per-Anders
82/18	G 6 NZ	NEWHAM Leonard
65/5	ZL 2 ASK	DUTHIE David Alan
14	VE 2 BE	REID Alex
14/3	VE 3 CDL (ex-F7EP)	CARTWRIGHT John
14/5	VE 3 JK	JACKSON Harold
14/4	VE 3 ATU/G 3 GSK	CHISHOLM Steve
31/50	W 1 BUD	BUDLONG Arthur
85/14	HB 9 EL	BEUSCH Erwin
33/2	OH 2 TK	VIIIO Osmo
5/10	VK 2 JU	MOYLE John
31/39	W 1 LVQ	HUNTOON John
91/3	ZS 6 FE	FRONE William
65/4	ZL 2 VA	VAUGHAN Donald
77/2	DL 3 DU	KOFHLER Rudolf
31/47	W 2 OGK	PRICE Eugène
31	K 4 HXI	HALEY Andrew
31	W 3 ASK	JACOBS Georges
31	W 4 VVA	OGLE James E.
46	EI 4 N	MALONE J.J.
5	VK 3 PI	PEARSON Leonard
5	VK 3 KH	ANDERSON Eric
31	W 4 GO	RUSS John
94	YV 5 DQ	MEDINA José Martin
94	AV 5 ACF	TEJEDA R. Miguel A.
301/1	HB 9 SI	BAUMGARTEN Walter
82	G 6 MA	PARGETTER H.O.
4/7	LU 9 DL	AUTELLI Juan Antonio
4/9	LU 6 AY	DARINO Antonio
4/10	LU 3 AF	ETULAIN Julio José
		../..

<u>Box No.</u>	<u>Call</u>	<u>Name</u>
31/20	ex-W 9 YUO	LOEBER Carl W.
4/12	LU 7 BB	NOIZEUX Pedro
65	ZL 2 CC	LANGDALE Clarence
85	HB 9 GA	LAETT Harry
6/5	-	CASPAR Gottfried

Note by the Chairman of the U.S.K.A. - HB 9 EL

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1. If you know of any amateurs here whose names are not in the above list, would you please inform HB 9 EL, ~~Btx~~ 85/14.

2. Amateurs meet at 6.15 p.m. every Monday at the BAGATELLE Café, Place des 22 Cantons (100 yards from Cornavin Station).

USP 11/11/11



# THE MORNING ELECTRON

Vol. I - No. 15

G E N E V A

Friday, 4 September 1959

Published Throughout the  
I.T.U. Conferences

## A G E N D A

Friday, 4 September 1959

09.00 h.	Sub-Group 4B-1	Room L Bâtiment Electoral
10.00 h.	Committee 5	Room A Bâtiment Electoral
10.00 h.	Sub-Committee 7-C	Room B Palais des Expositions
10.00 h.	Sub-Group 6A-4	Room G Bâtiment Electoral
15.00 h.	Committee 4	Room A Bâtiment Electoral
15.00 h.	Working Group 6-A	Room C Palais des Expositions
15.00 h.	Committee 7	Room B Palais des Expositions
16.30 h.	Committee 2 - Working Group	Office 1 Bâtiment Electoral

For technical reasons, Room D at the Palais des Expositions cannot be used today. Meetings scheduled for this Room will be held in Room B at the Palais des Expositions.

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THE THIRD POSSIBILITY OR THE WEEKEND OF MR. GUNNAR PEDERSON  
AND MR. A.J. BOURNE

After a long and very interesting meeting, Committee 4. unanimously decided on a weekend for Mr. Gunnar Pedersen and Mr. A.J. Bourne who have to prepare a document for next week. This document is rather a difficult proposition, since it is to be a detailed synthesis or a mosaic of all the opinions expressed by almost all the delegations present at the meeting concerning high frequencies in the band 4 to 27.5 mc/s.

Even before the discussion began, the Chairman had explained that the success or failure of the Conference might depend on the solution of this vital problem - namely, whether the 4 to 27.5 mc/s band should be modified in favour of high-frequency broadcasting to the detriment of the fixed services. He himself thought it might be difficult to reach a compromise, but nothing was impossible since, in the words the Swedish writer Selma Lagerlöf, "there is always a third possibility".

For the delegates of Argentina, Canada, Brazil, Finland, the United States, Peru, New Zealand, Venezuela, the United Kingdom, Paraguay, the Federal German Republic, Mexico, Austria, Turkey, Japan, China, the Philippines, Bolivia, Sweden, Iran, South Africa and Greece, no changes should be made in the Atlantic City Table of Frequency Allocations, since implementation of that Table had cost a lot of time, money, effort and equipment and, both technically and economically, it would be undesirable to make far-reaching changes in a band which constituted a common weal.

For that reason, the delegate of the United States was prepared to withdraw his proposal 3333 and some of his proposals concerning frequencies for space communication. For that reason also, the delegate of Austria withdrew his proposal 4611 and the delegates of Australia and Sweden said that they were prepared to withdraw their own proposals.

The delegation of the U.S.S.R. thought it unnecessary to make radical changes in the frequency band concerned but certain new broadcasting requirements, especially for cultural and educational purposes, should not be overlooked. A slight reduction in the allocations to the fixed services would no doubt permit certain changes explained in the U.S.S.R. proposals, in particular a widening of the band around 380 kc/s.

Noting that twelve years had gone by since Atlantic City, the delegation of Czechoslovakia considered, with the delegations of Poland and Bulgaria, that some minor corrections should be made to cover new requirements because of a reduction in telegraph and telephone facilities. The delegate of Hungary said that his country could not be heard on short waves.

The Italian delegation felt that any errors committed at Atlantic City should now be put right. The status quo was not a satisfactory solution. His views were supported by the delegations of France, Belgium, Cuba, Portugal, the Netherlands, the Vatican City and India, which considered that adjustments might be made without completely recasting the Atlantic City Table.

The delegations of Malaya, Ghana, Korea and Pakistan thought that new countries and countries not yet fully developed required frequencies for broadcasting. The I.F.R.B. should examine those requirements and Committee 5 might also consider them. The delegation of the Belgian Congo also thought that national services required help.

In connection with possible and desirable modifications, the delegation of Iceland submitted a concrete proposal to use the same transmitters and frequencies for different services at different times of day.

The delegation of Australia considered that certain minor amendments might be made, for instance, in favour of ISM frequencies, by reducing the frequencies allocated to certain watch services.

The Yugoslav delegate did not regard the existing position as satisfactory. The work done at Atlantic City was a sound basis, but more flexibility was required, together with a more adequate distribution of fixed service and broadcasting frequencies. The PFB had not solved all the difficulties and yet there was no hardship. The essential thing to do was to determine broadcasting requirements for a full sunspot cycle. The delegate of Denmark said that, if fixed requirements really had to be decreased, the question should not be studied now, but at a future conference.

It was finally decided that a document containing all the proposals made during the meeting would be prepared for next Monday. The Committee will decide whether a small working party or a new Working Group should be set up or whether this important problem should be handled by the Committee itself. Which brings us to Selmy Lagerlof's third possibility.

Today, Committee 4 will deal with frequencies above 27 mc/s without awaiting all the documents required, namely, some 700 proposals submitted by the Secretariat.

LETTER FROM THE MAILBAG

Sir,

I have observed from a perusal of your excellent production that you have not hitherto opened your columns to correspondence from your readers.

However, I would be grateful if you would grant me a little of your space in order to draw to the attention of those of your readers who are concerned with Appendix 11 of the Radio Regulations the following Alphabet Analogy Table which I have evolved over many years of careful study:

A = Ale  
B = Beer  
C = Cognac  
D = Drambuie  
E = Evian  
F = Fernet Branca  
G = Goldwasser  
H = Hock  
I = Intoxicate  
J = Julep  
K = Khoumiss  
L = Lillet  
M = Martini  
N = Noyeau  
O = Oozo  
P = Pernod  
Q = Quinquina  
R = Rocard  
S = Schnapps  
T = Tio Pepe  
U = Under proof  
V = Vermouth  
W = Whisky  
X = Xtra dry  
Z = Zest

As I have had to give up my professional position because of an undeserved attack of chronic alcoholism, you will realise that I would not like to give my name. I hope nevertheless that your readers will receive the foregoing proposal in the spirit in which it is offered.

Yours sincerely,

A. Wellwisher

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Working Group 5-A met yesterday to hear Mr. José Maria Pardo Horno explain his Administration's proposals.

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S.O.S! S.O.S!

Delegations with few members have some difficulty in following the discussions in all the Committees, Sub-Committees and Working Groups. They have asked for fuller daily information on the general trend of the Conference.

This can be fairly easily done, but it is obvious that the Morning Electron cannot despatch non-existent reporters to attend all the meetings. We would therefore request Chairmen and Rapporteurs to be so kind as to let us have, at the end of the morning or late in the afternoon, any information, however slight, that might let absentees know what is going on in the various meetings.

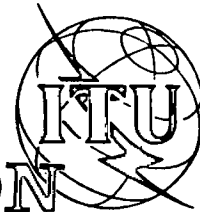
We are not asking for drafted articles, but just quick information for those who cannot rush from room to room, so that they can understand what is going on.

RESTRICTED DISTRIBUTION

Delegates members of Committee 6 who have already received Document 122, the distribution of which is restricted, during the meeting of Committee 6 in Room A, are requested to return the document to the distribution desk, should they possess a second copy.

The Delegation of the United Arab Republic to arrive shortly

The Telecommunication Administration of the United Arab Republic has just informed the Secretariat that the Delegation of this country should shortly arrive in Geneva.



# THE MORNING ELECTRON

Vol. I - No. 16

G E N E V A

Monday, 7 September 1959

Published throughout the  
I.T.U. Conferences

## A G E N D A

Monday, 9 September 1959

09.30	Sub-Working Group 4-B-2	Room H Bâtiment Electoral
09.30	Committee 5	Room A Bâtiment Electoral
09.30	Sub-Committee 7-A	Room D Palais des Expositions
10.00	Sub-Group 6-A-4	Room G Bâtiment Electoral
15.00	Working Group 3-B	Room I Bâtiment Electoral
15.00	Working Group 5 (*)	Room F Bâtiment Electoral
15.00	Working Group 6-A	Room C Palais des Expositions
15.00	Working Group 7-B-1	Room L Bâtiment Electoral
15.00	Radiotelegraphy Group 7-D-2	Room E Bâtiment Electoral
15.00	Committee 4	Room A Bâtiment Electoral

(\*) The number of Working Group 5 will be given by Committee 5 at its meeting on Monday morning and communicated to the delegates concerned.

Sub-Working-Group 6-B-1 will meet on Wednesday instead of Monday; the room and time will be indicated later.

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LECTURES

During the Administrative Conference it is hoped a lecture can be scheduled every couple of weeks. These lectures will be on new and interesting subjects. Suggestions for lectures are welcome! The delegates are special participants - public guests are welcome. The public relations office will publicise the events.

The first of the series will surely command the interest of all. It is on the use of radio in Astronomy. The announcement follows:

INTERNATIONAL ASTRONOMICAL UNION

INTERNATIONAL SCIENTIFIC RADIO UNION

The Executive Committee of the I.A.U. and the U.R.S.I.  
have the honour to invite you to a lecture by

Professor J.H. CORT,

President of the I.A.U., on

RADIO ASTRONOMY, A WINDOW ON THE UNIVERSE

on Thursday, 10th September, at 20.30 hours, in Room A,  
Bâtiment Electoral.

LESS VERTICAL .....

COMMITTEE 4

MORE HORIZONTAL

Opening the general discussion on frequencies above 27.5 Mc/s, Mr. Gunnar Pedersen, Chairman, made the following remarks.

In 1947, the situation was not at all what it is now. A few countries only were in a position to start working in this field of frequencies, and the Geneva Conference has now 750 items for changes. New services have been greatly developed: television, aeronautical frequencies, land mobile services, and certain problems in Atlantic City were treated in a queer sort of way, such as the problem referred to in Note 198 of the Regulations. Something had to be done for radio astronomy and space communications. It seems obvious that allocation of frequencies is no longer a regional problem and that world wide allocations are necessary. It also seems indispensable to co-ordinate services when compatibility so permitted. In brief there should be in the new list of frequencies less vertical lines and more horizontal lines.

The Delegate of Brazil, having stated that in principle his Administration was in agreement with the proposal submitted by the United States, insisted on the importance of new scatter techniques in his country, on the importance of the television requirements and also on the fact that amateurs should have an exclusive band and not share a band.

The Delegate of the United Kingdom explained that his country was in favour of extending the Table to 40,000 Mc/s, of finding the necessary solution for new radiopositioning services, the tropospheric scatter service, the ionospheric scatter service regulated, and also the needs of frequencies for space research and radio astronomy. The Delegate of Canada explained that it was the view of his Administration that the ionospheric services frequently resulted in much interference.

For the Delegate of the U.S.S.R. the fact that the Commission had now to deal with the complex part of the spectrum, that great studies had already been made in the various techniques for transmission, black and white television and even colour television, for the ionospheric services and the tropospheric scatter services for broadcasting, and also for radio astronomy and other services, meant that the problem now before the Conference deserved very careful and very special attention with a view to ironing out all possible divergencies of opinion.

The Delegate of Finland stressed the importance of the meteorological service in the field of aviation and weather forecasting. A plan has already been prepared jointly by W.M.O. and I.C.A.O. There will be 1500 stations among the major air routes out of which 650 are already in operation and working twenty-four hours a day. Information and communications on weather are of a global nature and of great interest in all the I.T.U. regions.

The Observer of W.M.O., reminding the delegates that the weight of a radio sonde is very light indeed (300 g. to 1 kg.) and thus this radio sonde cannot cause much interference but can suffer interference, also explained with the introduction of jet services weather information at high altitude is necessary.

The U.S. delegate speaking of the ionospheric scatter technique explained that it would be necessary to have small bands and in fact sub-allocations of frequencies for the new technique. The problem of space-communication radioastronomy and tropospheric scatter have to be taken into consideration. The wonderful advances in electronics are now serious in many different ways. It is the responsibility of this Conference to try and standardize for world-wide use.

This was also the opinion of the Delegate of Austria who spoke in favour of simplification in the equipment techniques and diminution in the administrative services and also protection for the Television services.

The Columbian delegate insisted also on the importance of adequate equipment for a Region and spoke in favour of an effort in view of arriving to a world-wide standardization of equipment and allocations to stations.

The Delegate of Italy stressed the importance of the difficulties encountered by his Administration in the TV and Broadcasting services due to the geography of the country, especially for the band 88-100 Mc/s. 600 Radio Relay stations are necessary and 1000 are necessary for TV. There is a need for broadening these bands.

The delegate of Cuba explained why his country could not accept some U.S. proposals for scatter. The bands referred to in the proposals are used for Mobile Services in his country which has to face great difficulties in getting technical information and also necessary equipment.

The Commission decided that two Working Groups would be set up: the first for the frequencies between 27.5 - 960, the second for the frequencies between 960 - 10,000 and a third for frequencies for 10,500 - 40,000. Who will be chairman of this last group? You guess.

COMMITTEE 5

THE LIST

For Mr. Paul D. Miles (U.S.A.), the Atlantic City Radio Conference set in motion a comprehensive programme designed to produce an engineered Frequency List (1) to provide an up-to-date frequency usage list; (2) to facilitate the transfer into band of out-of-band stations, and hence the implementation of the allocation table, and (3) to provide the basis for the application of Article 11 by the I.F.R.B.

Unfortunately, plans could only be adopted for certain portions of the spectrum, more specifically for the bands up to 3950 kc/s plus the H.F. exclusive aeronautical and maritime mobile bands, and even for these bands it was only possible for the E.A.R.C. to establish the new international frequency list up to 2850 kc/s (200 kc/s in Region 2).

The United States considers that the lists and plans adopted by the E.A.R.C. have well served the purposes for which they were established, and that the time has come for the Conference (1) to establish the new international frequency list for all of the planned bands, composed of all the planned assignments brought into use by the effective date, plus the changes in frequency usage that have taken place and have been notified to the I.F.R.B. since the E.A.R.C., and (2) to provide that the new I.F.L. thus established should be the basis for the future application of Radio Regulation Article 11.

The U.S., however, supports the retention of the aeronautical mobile allotment plans as a part of the Radio Regulations, since they represent allotments to geographical areas and not to specific stations. They therefore should continue to serve as a useful guide to the Administration in the orderly development of their aeronautical mobile services and to the I.F.R.B. in their processing of notices of changes in frequency usage in respect of the aeronautical mobile service.

For the unplanned bands below 30 Mc/s, the U.S. sees no hope of the achievement of planned status at this Conference. The approach of the E.A.R.C. for the achievement of technical compatibility in these bands by the revolutionary process over a period of years should be continued. The U.S. has proposed modifications to the Board's procedures to be applied to the unplanned bands which should make more effective the efforts of the Administrations and of the Board. The U.S. visualizes the International Frequency List as a dynamic list, constantly changing as the requirements change, thus necessitating a procedure that can deal day by day with such a changing situation. This mitigates against the concept of a static list brought about by rigid plans which can only be brought up to date by periodic revision at conferences of the Union.

Mr. Ashot Badalov ((U.S.S.R.)) was of the opinion that the international frequency list should be established by the Geneva Conference. In the past 12 years great efforts have been made in a great number of conferences and meetings, efforts which were partly successful. This Conference could either limit its action to a study of the various chapters of the Regulations, doing nothing about the frequency list and decide to wait while the needs are constantly growing in the field of radiocommunications or, on the basis of the enormous amount of work already done by various member states and the Union itself, make the necessary arrangements for the maritime mobile and aeronautical services and get down to brass tacks in order to prepare here and now the international list of frequencies. The high frequency plan can be corrected with international cooperation. There already exists a list for the fixed services. A legal document should be established for the various radio communication services. The list should be studied and approved by the Geneva Conference. Many financial and human efforts would then be justified.

Dr. Manohar Balaji Sarwate (India) firmly believes that "planned usage" should be the keynote in the preparation of the international frequency list. The most important fact during the Atlantic City Conference was the desire to have an international frequency list. Since then some 20 international meetings have studied this problem, taking into consideration the "controlled usage". There is already a plan and it remains for the Conference to set up a procedure for the establishment of a list based on the real usage of frequencies.

The Delegate of Ceylon was also strongly in favour of a plan based on controlled and planned usage in order to arrive at regulations, which will be known as the "New Geneva Radiocommunications Regulations". Mr. Maguen y Rodriguez, delegate of Cuba who pointed out that there might be a danger in establishing working groups before a general discussion of the problems, thought that this Conference should give directives and instructions to the I.F.R.B. in order to prepare the plan with realistic and equitable methods and with flexibility, and taking into account not only the problems of electronics but also those of demography. The Delegate of Spain deemed it necessary to carefully study the various segments of the points, taking into consideration the needs and also the question of compatibility.

The Delegates of the Ukrainian S.S.R., Roumania and Poland stated that the international frequency list should be established by the Geneva Conference. Based on the present register of frequencies, new needs and requests have appeared and it is not possible to wait any longer.

The Delegate of Pakistan, Dr. M.N. Mirza, pointing out that the question of allocation of frequencies to aeronautical and maritime services had already been properly handled by the Extraordinary Conference, stated that it is now necessary to study the I.F.R.B. plans for the broadcasting services. In any case, it would be impossible to maintain the status quo as far as the international frequency list is concerned.

The Delegate of Colombia, Mr. Santiago Quijano Caballero proposed the establishment of a working group. This proposal was supported by the Delegates of Australia, Brazil, Yugoslavia and the United Kingdom. This working group would study the various plans, frequencies and systems already in existence for the various services on the basis of the reports of the I.F.R.B. and also divide the work among sub working groups, taking into consideration regions, services and bands.

However, since the general discussion was not terminated by the end of the morning, Mr. George Searle, Chairman of Working Group 5A, accepted brokenheartedly to postpone the next meeting of his Working Group in order to enable the full Commission to meet on Monday morning at 9.30 sharp.

DISTRIBUTION OF DOCUMENTS

Following the discussion during the third meeting of Committee 1 (Steering Committee) on 3 September, 1959, it is proposed to standardize the publication of Conference documents as indicated in the following table :

Type of document	Numbered doct. Gen. dist. (WHITE)	Published as	
		DT Gen. dist. (GREEN)	DT (1) Limited dist. (YELLOW)
Proposals	x		
Heads of Delegations Meetings			
Agendas	x		
Minutes	x		
Any other documents	x		
Plenary Meetings			
Agendas	x		
Minutes	x		
Any other documents	x		
Reports <u>to</u> Plenary Meetings	x		
Committees			
Agendas		x	
Summary Records	x		
Any other documents	x		
Reports <u>to</u> Committees	x		
Sub-Committees <sup>(2)</sup> or Main			
Working Groups <sup>(3)</sup>			
Agendas		x	
Summary Records	x		
Any other documents		x	
Working Groups <sup>(4)</sup> or Sub-Groups <sup>(5)</sup>			
Agendas		x	
Any other documents			x

(1) Distributed in the meeting of the group concerned

(2) e.g. Sub-Committee 7A

(3) " Working Group 6A

(4) " Working Group 7A/1

(5) " Sub-Group 6B/1

Mr. René Petit, member of the I.F.R.B., has handed in the following text, which gives a more accurate idea of his speech at the meeting on 2 September, in Committee 4, than the account which is to be found in the last paragraph on page 5 of No. 14 of the Morning Electron:

"In reply to the comments of certain delegations, Mr. René Petit, member of the I.F.R.B., was led to explain that the technical standards used by the I.F.R.B. for the examination of notices were based on the work of the C.C.I.R. and never contradicted the C.C.I.R. recommendations. He also pointed out that the I.F.R.B. had already finished and sent to administrations its drafts of the high frequency broadcasting plan at the time when the Plenary Assembly of the C.C.I.R. at Los Angeles in 1959 adopted the recommendations mentioned by certain delegates."

CORRIGENDUM TO No. 14 (3 September)

Page 3, paragraph 3, last line, should read:

Mr. Carl B. Nielsen (Denmark)

Until further notice, the S.B.S. agency in the Bâtiment Electoral will be closed on Saturday mornings.



# THE MORNING ELECTRON

Vol. I - No. 17

G E N E V A

Tuesday, 8 September 1959

Published throughout the  
I.T.U. Conferences

## A G E N D A

Tuesday, 8 September 1959

09.30	Working Group 3-A	Room I Bâtiment Electoral
09.30	Working Group 4-F	Room E Bâtiment Electoral
09.30	Working Group 5-A	Room F Bâtiment Electoral
09.30	Working Group 6-C	Room C Palais des Expositions
09.30	Working Group 7-D-1 (Accounting)	Room L Bâtiment Electoral
10.30	Working Group 4 <b>Ad Hoc</b>	Room K Bâtiment Electoral
15.00	Sub-Working Group 6-C-2	Room K Bâtiment Electoral
15.00	Sub-Working Group 6-A-2	Room G Bâtiment Electoral
15.00	Committee 4	Room A Bâtiment Electoral
15.00	Working Group 5-B	Room F Bâtiment Electoral
15.00	Sub-Committee 7-B	Room D Palais des Expositions
18.30	Region 2 Meeting	Room E Bâtiment Electoral

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PIRATE SHIP, TROPICAL AREAS AND ....SPACE

In Committee 4, Mr. G. Pedersen announced that Working Group 4-C would be presided by Mr. H. Pressler (Germany), Working Group 4-D by Mr. Ch. W. Sowton (U.K.), Working Group 4-E by Colonel de Campos Braga (Brazil), Working Group 4-F by Mr. S. Gejer (Sweden), Working Group for the study of 10,500-14,000 kc/s by Mr. S. Myers (U.S.A.).

On the basis of the consensus of opinion concerning the Table of allocation 4.27.5 Mc/s, a special Working Group was set up limited to one representative of the U.S.A., one of Ethiopia, one of Netherlands, one of U.S.S.R. and 3 "Wise Men": Mr. J. Gayer (I.F.R.B.), Mr. B. Iastrebov (I.F.R.B.) and Mr. L. Hayes (C.C.I.R.).

This special ad-hoc "Security Council" will be presided over by none other than by Mr. G. Pedersen himself or by the Vice-Chairman Mr. J. Stewart (Australia). This Group will take into consideration the opinions expressed at the 10th Meeting of Committee 4 and all relevant information - subject to the provisions that the Table of frequency allocation be not upset, the Group will find out:

- 1) if any extension of frequencies space available to broadcasting in the band of 4.27.5 Mc/s is practicable;
- 2) if so by what means and to what extent could this be done.

The Commission referred to Working Group 4A many proposals submitted for amendment to articles of the Radio Regulations and also decided to wait for the decisions of Committee 7 for other questions.

The Delegate of Denmark, speaking on behalf of many countries of Northern Europe, explained the purpose of Proposal 1041. He reminded the members of the Commission that recently a pirate boat anchored in the Sund, in fact, a transmitting broadcast station which could not be considered as a mobile station and was actually covering the region of Copenhagen and the southern part of Sweden. The ship, registered in a certain country, tried to have its registration cancelled, but could not be registered in any other country.

Having heard this explanation, Committee 4 had no hesitation in accepting Proposal 1041.

The Committee decided also to accept Proposal 1047 submitted by the Federal German Republic, and agreed to delete Articles 245, 246, 247, 248 and 249.

The Delegate of Libya and Mr. Ashot Badalov (U.S.S.R.) gave very interesting information on the proposals of their respective countries for broadcasting in the tropical zone. The Government of Libya is of the opinion that the limit should be lifted up to parallel 35°N., mainly in order to help the scattered communities in Libya.

Several republics of the U.S.S.R. are in the tropical zone and there is a need to improve national broadcasting in these republics covering something like 2 million sq. km. This is the reason why the U.S.S.R. proposes as limits parallels 30°N. and 43°N.

On this subject, the Delegate of India, Dr. Sarwate, stated that a clear definition is needed of what is meant by "tropical zones". Tropical is not only longitude but also latitude, and M. Henry, Delegate of France, felt that a study of the map for the regions concerned seemed necessary. The Working Group will therefore have to study the map before preparing a decision for the Committee.

As far as the aeronautical mobile service and needs are concerned, it was decided to wait for the results of the labours of Committee 5.

Committee 7 will first have to study Section IV. On Section V, the Delegate of the United States, explaining the U.S. proposal, stressed the necessity of an improvement in the use of frequencies of the spectrum and stated that there was great congestion in the high frequency fixed band. The Delegates of Argentina, Brazil, New Zealand and India stated clearly that they agreed on the principle of the U.S. proposal, but the date suggested by the U.S. delegation may not be the best possible one. On this point the U.S. Delegate agreed, and the Working Group will have to study further the wording of the proposal, the substance of which has already been adopted by the Commission.

Before the meeting adjourned, the Delegate of Brazil expressed the view that for all these discussions on high frequency problems, the observers or representatives of all societies, organisations and associations interested in space communications, astronomy, etc., etc., should be asked to be present at the deliberations of the Commission.

COMMITTEE 5

"LA DIBUJADA PRUDENCIA..."

Like Garcia Lorca's matador, the chief of the Colombian Delegation, Mr. Quijano Caballero, is an expert in skillful and artistic fight and after a brilliant "faena" won a victory in Committee 5.

Many proposals were submitted in the course of the discussion but finally the Colombian proposal remained the only one and carried. The Working Group will be presided over by Mr. Antonio Autelli of the Argentinian Delegation, Vice-Chairman of the Conference.

Mr. Kirkpatrick (United Kingdom) made the following points: The Radio Frequency Record was started 1952/53 with entries taken from lists and plans and current frequency usage information supplied by Administrations. Since then, over half a million assignment notices have been sent to the I.F.R.B.: cancellations, new assignments, amendments, completion data and so on. The United Kingdom Delegation thinks it would not be possible for the Geneva Conference to start all over again and plan or re-plan the list. The list is something static, it is changing every day as frequency usage changes. Committee 5 must try and devise procedures which will ensure that the frequency list reflects all these changes. Taking the Radio Frequency Record as a basis, the Conference should set up a master international frequency register, consisting of entries in that record which have been notified as in use. Given adequate notification and registration procedures, it should be possible to evolve this list into a more realistic one. This would benefit not only the Administrations but also and particularly the I.F.R.B. in its work of assisting Administrations to find frequencies to meet their new requirements.

The annexes to the E.A.R.C. Agreement containing frequency assignment plans would no longer be needed since all those assignments which had been notified as in use would appear in the master international frequency register. On the other hand, frequency allotment plans for the aeronautical mobile services and the frequency allotment plan for coast radio telephone stations would need to be preserved and they should be incorporated as appendices to the Radio Regulations.

Mr. Achot Badalov (U.S.S.R.) was of the opinion that since Committee 4 had already studied the frequencies up to 4,000 kc/s, a working group should be set up to study the list of frequencies and regional plans in the bands up to this limit of 4,000 kc/s.

Explaining his proposal, Mr. Quijano Caballero, Delegate of Colombia, pointed out that Working Group 5A has already been established to study the procedures for registration and notification. The working

group to be established now should handle all the problems for the various bands and services with the aim of establishing specific plans for the frequency list. If the Commission was to decide that general discussion should take place in the Commission itself, this would lead to interminable discussion, since for instance, on the problems of high frequency broadcasting, each delegation would certainly want to explain the particular situation in their own country. The general discussion should now be considered as closed and delegates should take into consideration the fact that three weeks have already elapsed and the work has hardly started.

Mr. Trifonov of Bulgaria said that since Atlantic City the situation is such that there is now chaos, chaos which will be worsened if the necessary steps are not taken. The documents to be used as a basis for discussion are the plans and list of the I.F.R.B. plus the amendments proposed, on the one hand, and on the other hand the Record of Fixed Services which could be considered as an international list. All fundamental problems should be discussed in the Commission itself and then a set of working parties would draft a concrete text for the various problems: assignments of frequencies up to 4,000 kc/s, maritime service, aeronautical service, fixed service. The Commission itself would study the high frequency plan.

After a recess of one hour, there was one proposal left, the Quijano Caballero proposal which was unanimously accepted. Working Party 5B will study the plans and frequency list already adopted; the draft plans prepared and the situation of assignments for services for which there are no approved plans and list, taking as a basis the reports of the I.F.R.B. The Working Party will take a decision as to the most suitable form in which to carry out its task and with this objective in view will divide up the work among sub-groups by services, by bands, or, where necessary, regions.

Once the problems of the frequency assignment for various services have been studied, the Working Party will submit its conclusions to Committee 5 with recommendations which it may deem suitable to reach a solution of the problems in the respective service.

The Chairman thought that the problem of broadcasting and the fixed services should be discussed by the Commission itself at its next two plenary meetings.

THE UNITED ARAB REPUBLIC IS NOW REPRESENTED AT THE CONFERENCE

Mr. Ibrahim Fouad, Mr. Abd El Fattah Zalama and Mr. El Garhi Ibrahim El Kashlan, the representatives of the United Arab Republic, arrived on 7 September and at once took part in the work of Committee 5.

CORRIGENDA

"Morning Electron" of Monday, 7th September, as follows :

page 3, read Professor J.H. OORT not CORT

page 7, para. 3, line 4, read : Mr. Ventura Montes y Martinez and not Mr. Magua y Rodriguez.

P.T.T.

Until further notice, the postal, telegraph, telephone and Telex services in the Bâtiment Electoral will be closed on Saturday afternoons.



# THE MORNING ELECTRON

Vol. I - No. 18

G E N E V A

Wednesday, 9 September 1959

Published throughout the  
I.T.U. Conferences

## A G E N D A

Wednesday, 9 September 1959

08.30	Sub-Working Group 4-F-1	Room L Bâtiment Electoral
09.30	Working Group 4-B	Room E Bâtiment Electoral
09.30	Working Group 5-4	Room F Bâtiment Electoral
09.30	Sub-Committee 7-A	Room D Palais des Expositions
09.30	Working Group 4 Ad hoc	Room I Bâtiment Electoral
10.00	Sub-Working Group 6-B-1	Room K Bâtiment Electoral
15.00	Committee 4	Room A Bâtiment Electoral
15.00	Working Group 5-B-1	Room F Bâtiment Electoral
15.00	Working Group 6-B	Room C Palais des Expositions
15.00	Working Group 7-C-1	Room D Palais des Expositions

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COMMITTEE 4

COSMIC EMISSIONS, WEATHER, AMATEURS WIN

A very illuminating discussion took place yesterday afternoon in Committee 4 when the problem of radio astronomy was considered. Mr. Gunnar Pedersen very clearly explained that in spite of the fact that planets and stars are not members of the I.T.U., the monopoly given to the I.T.U. to settle the problem of telecommunications should not be too restricted. Moreover, to allocate frequencies to radio astronomy would certainly be an investment which would pay high dividends and also be a very beneficial experience. Rules and regulations must therefore be set up in this field of human endeavour and the administrations of all countries must coordinate their activities.

When the Netherlands proposal 4616 was discussed, many views were expressed on the subject. The Delegate of Belgium stated that protection was necessary. The Delegate of France, underlined the fact that the radio astronomers do not transmit but only receive, and explained that interference has to be avoided. The United Kingdom delegation will submit a proposal on the subject shortly. Mr. Albert McIntosh of the United States explained that in his country certain extraordinary measures had been taken to ensure good reception of cosmic emissions from interstellar sources which have to be protected. This was relatively easy in a country like the United States which is spread over a wide area but some other countries may have to make agreements between themselves to meet the requirements of the radio astronomers.

Addressing Committee 4 on behalf of the International Astronomical Union (I.A.U.) and the International Scientific Radio Union (U.R.S.I.), Professor van de Hulst made the following points.

Astronomers simply want to continue and extend their scientific investigation of the constitution of the universe. No practical aims are pursued but at the start of any abstract scientific investigation it is impossible to foresee whether practical consequences will emerge. A striking example is the confinement of a hot ionized gas by magnetic fields, the study of which was first taken up in astronomy and radio astronomy and is now vigorously pursued in many countries with the extremely practical objective of producing atomic energy.

Astronomy is one of the oldest sciences. In the past, most of its conclusions were based on observations by eye and with telescopes, analyzing the light signals which reach the earth from outer space. Now radio signals also reach us from outer space, which reveal a wealth of data on the nature of the universe. The study of the radio waves from the universe will enable us to penetrate even deeper into the cosmos and to unravel the origin and history of the cosmic rays, those high energy particles which have been so essential in discovering the nature of the nucleus of the atom.

Most cosmic radio signals are extremely weak, in fact often barely detectable, drowned as they are in the natural and man-made radio noise. The conditions of reception of these radio signals are most of the time exactly opposite to what they are in normal telecommunications practice. The signal power may be as low as 1/10 thousand of the noise power. The further one tries to penetrate into the universe the weaker the signals; hence the necessity of exclusive bands of the radio spectrum for the pursuit of scientific investigation not hampered by man-made signals.

Very **sharply** tuned signals reach us continuously from different parts of the universe, coming from our own and other galaxies which they have left up to 1,000 million years ago. It is for this reason that I.A.U. and U.R.S.I. are of the opinion that the band 1,400 - 1,427 Mc/s should be exclusively reserved for radio astronomy. Similarly, **sharply** tuned though weaker signals must reach us at the frequencies of 327.4 and 1667 Mc/s. It would be useful to have some 7 Mc/s and 30 Mc/s reserved around these frequencies.

A continuous spectrum of frequencies reach the earth from the sun, the planets, the galaxies and other cosmic sources. It is vital to astronomy to have a number of bands well spaced throughout the entire spectrum where this radiation can be studied without interference. Such an investigation would enable man to study the wave propagation through the ionosphere. Moreover, a better understanding of the origin of the solar radio emission assists greatly in the precise prediction of the optimum frequencies to be used for earthly communication during the different phases of the solar cycle. It was recently found that the electrical activities and therewith the outer layers of the sun extend so far beyond the optical limit of the sun's disc that the earth may now be said not to rotate around the sun but actually to move through the outer atmosphere of the sun.

Dr. Sarwate of India, **noting** that he had encountered difficulty in signalling to the Chairman that he wanted the floor, stated that his country also attached great importance to the problems of radio astronomy.

It remains to be decided by the study of the problem in the Working Group, if the C.C.I.R. should not be asked to study the technical problems involved (this suggestion was made by the Delegate of Denmark) if the I.T.U. should not sponsor a special technical conference (this proposal was made by the Delegate of Bolivia) or if a small group of radio astronomers should not first study the problem.

The Commission also examined the principle of the various Swiss proposals Nos. 3262, 3263, 3264, 3265, 3266 and 3267 concerning frequencies to be assigned for industrial, scientific and medical purposes. The representative of Switzerland explained that the main idea was to channel properly a development which could not be stopped.

Mr. McIntosh (U.S.A.) stated that his Administration found at home a solution on an engineering basis by establishing type-acceptance and type-approval standards for this problem of equipment.

The German delegate announced that his Delegation will submit shortly a memorandum on this subject.

The Delegate of France explained that the industrial devices concerned were not exactly for radiocommunications. The thing to be done by this Conference was probably to recommend to the various Administrations to take the necessary steps to avoid spurious radiations.

The Swiss proposal was strongly supported by the delegates of Austria and Australia.

The Delegate of Spain emphasized the importance of reaching a world-wide solution on this subject.

Mr. G. Searle (New Zealand) also stressed the necessity of finding an international world-wide answer to the problem, since otherwise many difficulties would result in the construction and maintenance of this equipment.

The proposal submitted by Roumania and Czechoslovakia concerning the enlargement of band I to include band 66/0 - 73/0 Mc/s for VHF frequency modulation broadcasting was also sent to the Working Group.

Proposal 491 presented by France, Belgium and other countries on the needs of the meteorological services was then discussed. The Delegate of Burma thought that it was necessary to have a world-wide allocation for meteorological services. Mr. McIntosh (U.S.A.) explaining that his delegation was something less than inflexible and had already withdrawn Proposal 3333 to help Argentina in her difficulty, suggested that a solution could be found for this problem if the Conference would consider sharing the band between fixed, mobile and meteorological services with a proportion in the order of 200 kc/s for the latter service. The United States delegation would also propose that certain frequencies be given in this band to space communications (50 kc/s). The Delegate of Finland doubted that the sharing by the meteorological services of the band with other services was a possibility. The Delegate of Cuba, Mr. Ventura Montes y Martines, stated that in his country there were many fixed and mobile services in this particular band but that they were in favour of a solution which would permit sharing between meteorological services and fixed and mobile services, this being considered the most important one. The Delegate of the U.S.S.R. was of the opinion that sharing was not necessary. The needs of the meteorological service could be properly met by an allocation in this band.

When the Delegate of the United Kingdom explained that he was in favour of doing something for the meteorological services, the Chairman pointed out that such a proposal was not a surprising one coming from the representative of a country the weather of which is well known.

The Delegates of Poland and Czechoslovakia were of the opinion that this band should be reserved for fixed and mobile services only. The Delegate of France wanted the United States proposal to be studied very carefully and, if possible, in co-operation with the representative of the World Meteorological Organization. The Delegate of Argentina thought that there might be a joint use of the frequencies concerned by sub-dividing into narrower bands. The Delegate of the Belgian Congo pointed out that the real beneficiary was not the meteorological services but the aeronautical services, since the information gathered was gathered at high altitude. This problem of allocation for meteorological services was to be studied further by Working Group 4D.

The "Amateurs" are very lucky indeed and the number of Geneva experts who timidly suggested that something might be changed in band 28/29.7 was a very small one indeed. The proposal by the Argentine to retain the status quo was strongly backed by New Zealand, the United States, the United Kingdom, Czechoslovakia, Denmark, Canada, the Philippines, Venezuela, Portugal and Cuba. The Delegate of Brazil, explaining why he was in favour of retaining the band 28/29.7 for the amateurs, pointed out that the activities of these amateurs were in fact the activities of a training school of technicians. The Delegate of France pointed out that it should be noted that delegations which seem to be very willing to accept sharing in other bands seemed absolutely adamant as far as the frequencies reserved for the amateurs were concerned.

This problem will also go to the Working Group, but an agreement will no doubt be shortly arrived at. This does not apply to the other problems studied yesterday afternoon by Committee 4.

CONGRATULATIONS

Radio Moscow has just announced that Professor Boris Yakovlievitch Bakreyef who has been teaching mathematics at Kiev University since 1888 and still works there very actively, has just celebrated his 100th birthday.

If the Delegation of the Ukrainian S.S.R. intends to send a free telegram to Professor Bakreyef, we should be glad if they would convey the congratulations of the Morning Electron too and - why not? - those of the entire Conference.

Frequency Assignment Lists

The General Secretariat begs to draw attention to the last paragraph of Radio Division Circular No. 761, which informs Administrations that lists of frequency assignments, as entered in the Master Radio Frequency Record for stations in any particular country, can be drawn up. Such special lists, printed by tabulating machines, cost 2 Swiss Francs per page showing all columns in the Record, and 1.20 Swiss Francs per page for Columns 1 to 4b of the Record. Inquiries should be addressed in writing to the Secretariat of the Conference.



# THE MORNING ELECTRON

Vol. I - No. 19

G E N E V A

Thursday, 10 September 1959

Published throughout the  
I.T.U. Conferences

## A G E N D A

Thursday, 10 September 1959

9.30 a.m.	Ad hoc Working Group 4	Room L Bâtiment Electoral
9.30 a.m.	Sub-Committee 4-F	Room E Bâtiment Electoral
9.30 a.m.	Sub-Committee 5-A	Room F Bâtiment Electoral
9.30 a.m.	Working Group 6-A-6	Room G Bâtiment Electoral
9.30 a.m.	Sub-Committee 7-B	Room B Palais des Expositions
3 p.m.	Sub-Committee 4-D	Room E Bâtiment Electoral
3 p.m.	Working Group 5-B-2	Room F Bâtiment Electoral
3 p.m.	Sub-Committee 6-C	Room C Palais des Expositions
3 p.m.	Working Group 7-B-2	Room K Bâtiment Electoral
3 p.m.	Accounts Group 7-D-1	Room H Bâtiment Electoral
6.30 p.m.	Committee 1	Room E Bâtiment Electoral

The above Agenda will be of interest only to the delegates and Secretariat of the Radio Conference, these being the only residents of Geneva who will not be scrupulously respecting the "Genevese Fast" (an annual holiday).

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GOOD NEWS FOR DELEGATES

BAD NEWS FOR THE HEAD BARMAID

The indefatigable Clifford Stead asks us to say that delegates will now find typewriters at their disposal in Rooms 111 and 112.

They may avail themselves of these machines from 4 o'clock in the morning till 8 at night on week-days and from 10 a.m. till noon on Sundays.

THE MORNING ELECTRON IN KIEV

Mr. Nicolai Stavitsky, Head of the Delegations of the Ukrainian Soviet Socialist Republic, tells us that in his telegram congratulating Professor Bukreyev of the University of Kiev on the latter's hundredth birthday, he acted on our suggestion and conveyed our congratulations too. This, even if unaccompanied by an increase in circulation, is surely something of which the Morning Electron may be proud.

COMMITTEE 7

Because of work being carried out in the Palais des Expositions, all meetings of Committee 7 and of its Sub-committees and Working Groups scheduled for Room D up till next Wednesday will be held in Room B.

COMMITTEE 4

THE HIGH-FREQUENCY THICKET  
AND THE SILENCE OF INFINITE SPACE

Armed with three stout yellow volumes of 1000 pages each, fifty green and white documents, the Atlantic City Bible, and the Buenos Aires Final Protocol, we went into Room A yesterday afternoon, with the impatience of the novice, anxious to gather the latest information on the possibilities afforded by the high-frequency bands.

We were a little disappointed at first, for it was very apparent that the higher the band, the cooler became the interest shewn therein by delegates.

The Chairman, Mr. Pedersen, accepted with a good grace a proposal made by Mr. McIntosh (United States) to refer the study of very-high-frequency problems to the various working groups concerned. This proposal, incidentally, was supported by the Delegate of the U.S.S.R.

It was interesting, however, to hear the Delegate of Switzerland explain the reason for Proposal 864 submitted by his country.

Mr. W. Klein, of the Swiss delegation, in connection with the 100-108 Mc/s band, explained that under normal conditions, that is, conditions corresponding to the technical wave propagation data on which the Stockholm plan had been based, three different sound programmes could be simultaneously broadcast.

Switzerland was in a peculiar position, having to broadcast programmes in the three main national languages, which considerably limited the number of channels available for each programme. As the country was a small one, none of the stations were far from the frontiers. They were liable to cause interference, while the regions covered by them were in turn subject to interference by stations in neighbouring countries. Hence, it was necessary to coordinate the use of each frequency employed with the neighbouring countries. Moreover, as Switzerland was very mountainous, it had been found in many cases that in regard to the effective radius of the

transmitters and the possibility of interference from neighbouring countries, the technical basis of the Stockholm plan did not apply in practice in Switzerland, so that the number of channels that could be used was restricted.

Almost everywhere in Switzerland, numerous stations in neighbouring countries could be satisfactorily received. That might or might not be a desirable state of affairs, but in practice, Switzerland had to preserve that possibility and it wished to avoid occupying those channels for its own emissions.

Accordingly, it was difficult, if not impossible, to ensure satisfactory service for the two radio programmes on Swiss territory. Hence the Swiss proposal. In addition, the 100 to 108 Mc/s band was little used, so that it was possible and fully justifiable to envisage that one part of the band, from 100 to 104 Mc/s, should be allocated to sound broadcasting.

Just as we were feeling completely lost in the impenetrable thicket of the various proposals for high frequencies, we saw that the members of Committee 4 were at least in agreement on the substance of one proposal, which could be speedily dealt with - that there should be no change in the 118-132 Mc/s band. And when the meeting resumed after the break, it was a pleasant surprise to find that the subject under discussion was once more that of communications with space, the subject of so many inquiries by letter and telephone addressed to the Public Relations Office of the Geneva Conference. We gathered a number of interesting facts.

Speaking on behalf of the United States Delegation, Mr. McIntosh explained, without going into technical details, that the United States proposals had been submitted because recent research and discoveries in regard to space communications were of the greatest importance. This view was shared by Mr. Eric Sharpe (United Kingdom of Great Britain and Northern Ireland), who is shortly to submit a proposal to the Conference concerning aeronautical bands to allow research in space. The United Kingdom proposal differs from that of the United States mainly as to the bandwidth necessary.

Mr. Ashot Badalov of the U.S.S.R. then recalled recent developments, such as the sending of the Russian Sputnik into space, followed by the American satellites. Those man-made objects were equipped with checking and measuring apparatus. There was no doubt that it was

extremely useful to be able to remain in radio contact with the satellites, but there was no necessity for a special frequency band for that purpose, as proposed by the United States, because: 1) it did not seem likely that there would be intense activity in that field in the near future; and 2) the necessary frequencies had not yet been finally decided on. The frequencies needed for that purpose could quite well be found in the Frequency Allocation Table.

Mr. Badalov said that the frequencies used for communications with the Russian Sputniks were as follows:

19.993 Mc/s	40.002 Mc/s
19.995 "	108.000 "
19.997 "	108.103 "
20.005 "	183.6 "

Mr. McIntosh said that he had himself listened to emissions from the Sputnik, and pointed out that 108 Mc/s had been used only experimentally during the Geophysical Year and that it was now, as far as the United States was concerned, replaced by the 135-136 Mc/s band.

The Delegate of Sweden said that the frequencies 132-136 Mc/s were used in his country for O.R. services, and it would seem difficult to use them for other purposes. Professor van de Hulst said that the Committee for Space Research was ready to collaborate with the Working Group.

Mr. Sowton, Chairman of Working Group 4D, who seemed in no hurry to begin work, said that he would convene the Working Group as soon as the necessary documents were ready.

Our summary record of the meeting would be incomplete if we did not mention, at the request of Mr. Ferreira da Costa Jardim, that in regard to the "amateurs", the Portuguese delegation shared the views of France, and not of Argentina.

Finally, on the occasion of this local Fast, we would draw attention to the remark made in Paris yesterday by Mr. Leonid Sedov: "There is, in fact, no major difficulty in sending a man into space: the difficulty is to get him back."

INTERNATIONAL ASTRONOMICAL UNION  
INTERNATIONAL SCIENTIFIC RADIO UNION

The Executive Committee of the International Astronomical Union and the International Scientific Radio Union have pleasure in inviting you to attend a lecture to be given by

Professor J. H. OORT\*  
Chairman, I.A.U.

on

"RADIO ASTRONOMY, A WINDOW ON THE UNIVERSE"

on Thursday 10 September, 1959, at 8.30 p.m. in Room A, Bâtiment Electoral

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\* Professor Jan Hendrik Oort was born at Franeker on 28 April, 1900. He was a student at Groningen University from 1917 to 1921, Doctor of Astronomy, Groningen (1926); Assistant at the Astronomy Laboratory, Groningen (1921 - 1922); at Yale Observatory (1922 - 1924); Astronomer at Leyden Observatory (since 1924); Special Professor at Leyden University; Vice-Director of the Observatory; President of the Dutch Radio Astronomy Foundation (1949); Visiting Professor at the California Institute of Technology, Pasadena, and at Princeton University (1952); Secretary-General of the International Astronomical Union (1935 - 1948); President of this Union (1959); Member of the Royal Academy of Science in Amsterdam and corresponding or honorary member of a number of academies and societies abroad; holder of honorary Doctorates of Copenhagen, Glasgow, Oxford, Louvain and Harvard Universities. Professor Hendrik Oort is universally recognized as an expert in radio astronomy.

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NOTICE TO PARTICIPANTS

In some cases, communications for participants at the Conference have been wrongly addressed in envelopes bearing only the pigeon-hole numbers.

It would seem that the senders of such communications thought that the order of pigeon-hole numbers for any given delegation was that in which the names of the members of delegations appear in the List of Participants, which is not the case.

The List of Participants was drawn up on the basis of lists supplied by the Administrations concerned, where an order of precedence is usually observed. The List often contains names of persons who have not yet arrived in Geneva.

The numbers which appear on the identity cards of participants, and on their pigeon-holes, were, as a general rule, allotted in the order in which the members of each delegation registered.

Communications for participants should therefore bear very clearly the name of the person to whom they are addressed, and not the pigeon-hole number. Should, however, the sender be perfectly sure of the pigeon-hole number, he may use it provided that the name of the person is also given.

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# THE MORNING ELECTRON

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G E N E V A

Friday, 11 September 1959

Published throughout the  
I.T.U. Conferences

## A G E N D A

Friday, 11 September 1959

9.30 a.m.	Sub-Committee 4B	Room E Bâtiment Electoral
9.30 a.m.	Committee 5	Room A Bâtiment Electoral
9.30 a.m.	Working Group 6A5	Room G Bâtiment Electoral
9.30 a.m.	Working Group 7C2	Room B Palais des Expositions
3.00 p.m.	Sub-Committee 4C	Room E Bâtiment Electoral
3.00 p.m.	Working Group 5B3	Room F Bâtiment Electoral
3.00 p.m.	Sub-Committee 6A	Room C Palais des Expositions
3.00 p.m.	Committee 7	Room B Palais des Expositions
4.00 p.m.	Working Group 7B1	Room K Bâtiment Electoral

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MR. M.N. MIRZA

AND WAVELENGTH TRAFFIC CONTROL

Mr. Mohammed Nazir Mirza, Director-General of Posts, Telegraphs and Telephones, Pakistan, Engineer-in-Chief, Head of Telecommunication Services, and Chairman of the Radio Council of his country, has a most impressive record. (Many personal histories look impressive on paper; Mr. Mirza's, however, is outstanding.)

Mr. Mirza, now Head of the Delegation of Pakistan at the Geneva Conference, graduated at the Faculty of Engineering of Bristol University. He has at various times occupied all the more important telecommunication posts in Pakistan, and attained the rank of Colonel during the war.

He has played a prominent part in many international conferences held since 1948, and has even represented (apart from Pakistan) Turkey.

Furthermore, Mr. Mirza has represented Pakistan in the I.T.U. Administrative Council. He has always taken a prominent place at I.T.U. conferences (be they plenipotentiary or administrative conferences, or plenary assemblies of the International Telephone Consultative Committee), acting as chairman or vice-chairman of committees or working groups in Lahore, Tokyo, Buenos Aires, Arnhem and Geneva.

Despite the time he has spent attending international meetings of experts, Mr. Mirza - it is by no means a common accomplishment - still knows how to explain to a layman what problems are being discussed and just how important they are. Thus it was that a little time ago, when he was elected Chairman of Committee 6 at this Conference, we heard him explain to an outsider, in his own inimitable way, what was meant by wavelength traffic control.

First of all, he likened the frequency spectrum to a highway on which traffic was intense. A system of traffic control had to be devised, and rules laid down, to ensure the efficient operation of the various services. At one moment, Mr. Mirza compared frequency allotments to vehicles, to be identified thanks to their number-plates and other signals; such vehicles had to be made to travel at regulated speeds over recognized tracks, and their progress sometimes had to be slowed up to allow other vehicles to advance. At other times, he compared these waves and bands to individuals breathing too heavily - individuals inclined by their rumbustious behaviour to hamper the people preceding them or following behind. Some of them might suddenly break into a jig, while others had to proceed at a well-regulated pace. Disorder, muddle and self-assertiveness had at all costs to be avoided. Whence the need for look-out posts and patrols.

Proceeding with this highly imaginative illustration of the problems confronting world telecommunications services, Mr. Mirza explained that a veritable police system had to be set up along the frequency road, with advanced posts and patrols to report breaches of the international highway code. The trouble-makers had to know that they would be reported to their families or clubs, or to the responsible authorities for appropriate punitive measures, or, indeed, to the supreme court of justice, which in telecommunication matters was the "International Frequency Registration Board".

All this leads us to believe that Mr. Mirza ought perhaps to see whether he cannot arrange for us all to go to Pakistan (Rawalpindi, for example) very shortly. There we could discuss, not only the question of wavelength traffic control, but also what such waves, rightly used, could do to bring the happiness and wisdom which not all men, perhaps, deserve, but all are seeking.

#### A TWENTY-ONE SECOND CONCLAVE

The official weekly meeting of the International Frequency Registration Board yesterday lasted twenty-one seconds. This by no means means that the members of this body did not have plenty to discuss. Their unofficial meeting had in fact lasted for no less than one hour and twenty-two minutes (from eight o'clock to twenty-two minutes past nine in the morning).

Besides their routine work, these experts have to attend the meetings of various working groups of the Conference as advisers.

A GENERAL APPEAL TO ALL RADIO AMATEURS AT THE CONFERENCE

CQ Conference from HB 9 PJ (ex-F9DF)

QRT ... The following message has been received on our set and is retransmitted to all OMs who may be listening in ...

Mr. LAETT (HB 9 GA), Chairman of I.A.R.U., Region 1 (I.A.R.U. Observer at the Conference), has proposed, and it has been so decided, in conjunction with Mr. BEUSCH (HB 9 EL), Chairman of U.S.K.A. (both of them members of the Swiss Delegation), that there should be a meeting of radio amateurs in the Bâtiment Electoral, Room E, on Wednesday, 16 September 1959, at 6.30 p.m.

All OMs are cordially invited. VE 3 AC, the distinguished Chairman of the Conference, will honour us with his presence. HB 9 IA/W3GG (Acting Secretary-General and Secretary of the Radio Conference) hopes to be there too.

Mr. LAETT, Mr. ACTON, and Mr. BEUSCH will describe our problems and make one or two announcements, whereafter the floor will be free for all who might wish to make proposals or offer any comments.

We greatly hope that many of you will turn up, so that we may get to know what we really look like.

All suggestions for this meeting will be gratefully received. HB 9 PJ (F. DUBRET, S/7) awaits your QSL.

73 to all and QRX

HAMS : WHEN ARE WE GOING TO EXPLORE J.J. ROUSSEAU ISLAND ?

Nine Ulster hams have journeyed to Rathlin Island, off the coast of Antrim, to celebrate Marconi's first attempts at wireless communication, made fifty years ago. They will spend four days trying to make contact with amateurs everywhere.

What about a similar expedition to J.J. Rousseau Island in Geneva ?



# THE MORNING ELECTRON

Vol. I - No. 21

G E N E V A

Monday, 14 September 1959

Published throughout the  
I.T.U. Conferences

## A G E N D A

Monday, 14 September 1959

9.30 a.m.	Sub-Working Group 4F1	Room I Bâtiment Electoral
9.30 a.m.	Working Group 5A	Room A Bâtiment Electoral
9.30 a.m.	Sub-Working Group 6A5	Room G Bâtiment Electoral
9.30 a.m.	Sub-Working Group 6B1	Room E Bâtiment Electoral
9.30 a.m.	Sub-Committee 7A	Room B Palais des Expositions
3.00 p.m.	Working Group 3B	Room F Bâtiment Electoral
3.00 p.m.	Working Group 4E	Room A Bâtiment Electoral
3.00 p.m.	Working Group 6B	Room C Palais des Expositions
3.00 p.m.	Working Group 7B2	Room I Bâtiment Electoral
3.00 p.m.	Working Group 7C1	Room B Palais des Expositions
6.30 p.m.	Sub-Working Group 5B2/1	Room E Bâtiment Electoral

In addition to the above programme :

Sub-Group of 5B1 for Region I will meet at 3 p.m. in Room H  
" " " " " " II " " " " " Bureau 115  
" " " " " " III " " " " " Room K

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COMMITTEE 5

THE LIST

"DEAD WOOD", "FREEZING", "CHIMERA".....

(Resumé of meeting)

On Friday morning, Committee 5 continued the general discussion on the services concerning the exclusive bands for fixed, land mobile and tropical broadcasting services - an extremely interesting discussion, of such complexity and importance that we feel we should summarize it in the form of a resumé.

Mr. Nicolai Krasnosselski (USSR): There are three possible methods of establishing the list - the technical principles, method, the development method and that of registering frequencies according to the existing Record. The so-called technical principles method was used by the I.F.R.B., and we know what happened. That body was unable to prepare a plan for this conference. The development method makes it difficult to draw up a list for all services. The frequencies for the services mentioned already appear in the Atlantic City bands and in recent years the various countries have transferred the frequencies which they needed in the table. It thus seems that the method to be followed would be to draw up a list, prepared and accepted in Geneva even on the basis of the list as it was when this conference opened. The new frequency assignments will be fixed for a date which might be that of the signing of the Final Acts of the Geneva Conference. The most important thing is co-operation and mutual respect between the different administrations.

Mr. Pardo Horno (Spain): The present Record does not reflect reality, the actual use made of certain frequencies. This has been clearly explained by the I.F.R.B. in its report. The question is whether one wishes to make the I.F.R.B. simply a recording office, an adviser of administrations. If that is the case, the record will become more and more distant from reality. It will no longer be a source of information for administrations. All the Union's efforts are towards the establishment of a realistic list. Hence the necessity of having an executive body which is not merely mechanical, but consciously active. Automatic registration leads to falsification of the list. The I.F.R.B. should have the opportunity of reaching considered results.

Mr. Milan Zahradnicek (Czechoslovakia): We should profit by the experience we have acquired. The recommendations "favourable" or "unfavourable" given by the I.F.R.B. are based on questionable criteria for the possibilities of jamming by the new circuit which it is wished to establish and not on the possibility of this circuit being jammed by other circuits. The question is thus one of unilateral reply. What in fact happens? An administration itself controls in the receiving area the repercussions of the new circuit which it wishes to establish. If the reply of the I.F.R.B. is "favourable", the new frequency may be jammed. If the reply is "unfavourable" the administration will insist that the new circuit be registered. Such are the regrettable consequences of the procedure laid down at Atlantic City - a costly procedure, since in fact it is the administrations which solve the problems among themselves. Why not leave it to these administrations to do so from the outset? It must thus be recognised that the present procedure is inefficient and costly and interesting only from a theoretical point of view, and that the present Record should be used recognising from the outset its known shortcomings and allowing administrations to make their choice according to the recommendations of C.C.I.R. and the checks which they have themselves carried out. In that way it might be possible to arrive at a document of practical value.

The Delegate of Greece: Since the last frequency assignments, many countries, including Greece, have developed considerably and need new services. The reply "unfavourable" from the I.F.R.B. has thus resulted in an obstruction and the entry in the column of the words "harmful interference". This has led to complaints. The question concerns the vital needs of certain countries.

Mr. Mieczyslaw Flisak (Poland): Many frequencies appear in the List which are not used. The solution lies in using the present Record, amending it and giving details with regard to identification, utilisation and non-utilisation in the next few years. Above all it will be necessary to count on the goodwill of the various administrations. The situation is more or less stabilised except so far as the so-called new countries are concerned. The use of cables opens up new possibilities.

Mr. M.E. Berman (Israel): The question of the actual use of frequencies is the most important one.

Mr. Stavitski (Ukraine): The list for the services mentioned exists. It is the only document which makes it possible to solve the difficulties. The question is one of making certain amendments to the Record, and it is up to administrations to collaborate.

Mr. Barajas Gutierrez (Mexico): The present Record does not reflect reality. Each frequency assignment should indicate the phase of the solar cycle and the time of use. It generally happens that when one

asks for a frequency to be recorded, it is considered that this should be done on a basis of 24 hours and the eleven years of the solar cycle. Each administration should itself carry out the control with a view to requesting registration and should make the calculations for each of the frequencies. The I.F.R.B. would then have international control and the power of checking the data supplied by the administrations, so that one would really know what use was being made of these frequencies. The I.F.R.B. would be responsible for checking and for international control.

Mr. Mirza (Pakistan): Mere addition to the list should not be automatic. Control by the I.F.R.B. is necessary in order to get rid of "dead wood". The development criterion cannot be adopted. It too often happens that administrations change certain frequencies without the I.F.R.B. knowing anything about it. The case has arisen where 30% of a certain band was reserved for one country and 34% for another. In such circumstances "dead wood" should be got rid of. Control should be strengthened, and one method of doing so would perhaps be to make use of the opportunities offered by technical assistance. The I.F.R.B. could frequently send explicit questionnaires to the various administrations to obtain exact and useful information. What countries need is practical aid and not simply polite replies.

Mr. Quijano (Colombia): The problem would be more serious if we were in a high cycle of solar activity. For twelve years, there has been a desire to have a strict list which does not mean a "frozen" list. One must face up to reality. There are always new circuits and new needs for the countries which wish to develop their economy. The present list is neither complete nor precise, nor does it reflect an actual state of affairs. The goodwill of administrations is necessary, but contact between administrations is not enough. The Union should ensure co-ordination. It is the administrations which should draw up a list at the outset to assist the I.F.R.B. in preparing the plans. The solution might perhaps be to have an international conference for each service; that is the solution which was adopted for the aeronautical problem, and it made success possible.

Mr. Popovic (Yugoslavia): The Geneva Conference should, firstly, call an international conference for the services mentioned, taking into account the needs of new countries as yet not fully developed, and, secondly, give direct recommendations for the work of that conference. After all, collaboration between administrations for the fixed services is not a chimera!

Mr. Sarwate (India): All delegations are in agreement that the Record, as it is at present, does not give an exact picture or reality and of the real use of frequencies. A list is needed very shortly, which could be drawn up by the I.F.R.B. on the basis, firstly, of technical analysis (exact information), and, secondly, of control (experimental data and observations).

Mr. Jose Cuadros Quiroga (Bolivia): The I.F.R.B. should be given the legal and technical data to decide the method to be followed to find the remedies. The I.F.R.B. should be a body for checking and for advice. The present Record could serve as a basis.

The Delegate of Japan: The band in question is heavily occupied. It is necessary to use the so-called development method, proceeding by sections.

Mr. Miles (U.S.A.): It is not possible to think of drawing up plans. That could have been done in 1948, but the opportunity was allowed to pass. It would not be possible to have a list on the lines of the Berne List, where the I.T.U. would simply play the part of a secretary. The only solution is the so-called development solution, that of adjustment. The I.F.R.B. was right in saying that it is not possible at present to draw up a plan for the services mentioned. The Geneva Conference should establish the means by which the administrations and the I.F.R.B. could draw up a List corresponding to reality.

Mr. Krasnosselski (U.S.S.R.): The administrations themselves should make the necessary reforms. The I.F.R.B. was given the authority to carry out technical examination and checks, with the result that there was overlapping of its work, and now the I.F.R.B., which was unable to regulate matters, says: "It is not possible". It knew that already in 1953 and maintained a noble silence. Why, then, entrust it with the same task and the same means of carrying it out? Whatever form the I.F.R.B. takes, the result will be nil. It is the administrations who must carry out the work. Why put off the solution till later?

Mr. Montez y Martinez (Cuba): Three methods have been outlined - development, the compilation of lists, and technical standards. It is necessary to arrive at a list which gives a picture of the actual use of the spectrum, a system equivalent to that suggested at the Mexico Broadcasting Conference, which would bring into the picture the economic and demographic factors of the different countries.

Referring to the statement, according to which the I.F.R.B. had waited until the opening of the present conference, to show administrations the state of the Master Frequency Record, Mr. Petit (I.F.R.B.) observed that the I.F.R.B. had drawn administrations' attention to this point in its annual reports ever since 1952. He pointed out that paragraph 7.6 of section VII of the I.F.R.B. Report to the Conference listed the concrete measures taken by the Committee and also showed that it had not lost any occasion of seeking the co-operation of administrations with a view to bringing the information in the Record more into line with reality.

CHANGES IN THE REVISED LIST OF PARTICIPANTS

Although the work of printing the necessary corrections to the Revised List was interrupted by the "Jeûne Genevois", it is hoped that they may be distributed on Tuesday, 15 September, or on Wednesday at the latest.

Since almost all the pages in Section 1 of the List of Participants (Delegations) have had to be changed, this Section has been reprinted. Participants can therefore simply replace the whole of Section 1 of the List by the new pages numbered from Section 1/1 to Section 1/95.

In the remaining sections, it will be necessary to insert the new pages in the appropriate place. When a new page replaces an existing page, this will be indicated at the bottom of the page, e.g.:

Section 2/2 Rev. 1 Remplace/Replaces/Reemplaza Sec. 2/2.

Thereafter, pages which have been revised once more will include the mention at the bottom of the page, e.g.:

Section 2/2 Rev. 2, Section 2/2 Rev. 3, etc. ...

When a new page has to be added, it will be noted at the bottom of the page, e.g.:

Section 4/7/1 Suit/Follows/Sigue Sec. 4/7 Rev. 1.

Thereafter, pages to be added will be numbered consecutively, e.g.:

Section 4/7/2, Section 4/7/3, Section 4/7/4, etc.

LECTURE SERIES - SPACE MOVIES

The International Astronautical Federation has arranged for the loan of two movies taken in space. The first of these was made on 24 July, on a Thor flight, and the second on 24 August, on an Atlas flight.

These spectacular films show the earth as seen from space. The coverage includes all of the islands of the Caribbean, parts of North and South America, weather formations over the ocean, and even a simultaneous shot of the earth and the sun. Of special interest to radio engineers is the fact that these were taken from a stabilized vehicle, of the type useable for directional antenna systems.

As part of the lecture series of the Conference, these films will be shown on Thursday, 17 September at 20.30 hours. The showing will be in Room A, and will be accompanied by a commentary by Mr. R.P. Haviland, alternate I.A.F. Delegate.



# THE MORNING ELECTRON

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Tuesday, 15 September 1959

Published throughout the

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## A G E N D A

Tuesday, 15 September 1959

9.30 a.m.	Working Group 4G	Room E Bâtiment Electoral
9.30 a.m.	Committee 5	Room A Bâtiment Electoral
9.30 a.m.	Sub-Working Group CA7	Room G Bâtiment Electoral
9.30 a.m.	Working Group 7B1	Room K Bâtiment Electoral
9.30 a.m.	Accounts Group 7D1	Room H Bâtiment Electoral
3.00 p.m.	Working Group 4D	Room E Bâtiment Electoral
3.00 p.m.	Working Group 5B	Room F Bâtiment Electoral
3.00 p.m.	Working Group 6C	Room C Palais des Expositions
3.00 p.m.	Working Group 7B3	Room H Bâtiment Electoral
4.30 p.m.	Sub-Working Group 5B4	Room F Bâtiment Electoral

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RADIO ASTRONOMY : A WINDOW ON THE UNIVERSE

Professor J. H. Oort

President of the International Astronomical Union

Of the various professions in this world those of astronomers and archeologists may be the ones that are least connected with the direct well-being of the human race. There was a time when, as astrologers, astronomers were held in some general esteem. But even then, they could only predict, they could not change the course of fate. At a later period astronomy made itself useful for the ocean-faring peoples, providing them with the means for finding positions at sea. Again, in recent times, astronomers have gained some importance through their studies of the sun and of the ways in which the Sun acts upon the Earth's ionosphere. Their services are also sought in connection with the orbits of space vehicles.

But only a minor part of the efforts of astronomers and of the large amount of money which Governments, Universities and Foundations spend on this science is directed towards such directly useful purposes. The real yearning of astronomers is not concerned with possible practical applications. It is the urge we all have, to penetrate into the unknown, the excitement we felt as children when starting on a train journey, the desire and inspiration which drives explorers to discover unknown lands. But the fact that astronomy does not have many tangible aims does not make it useless for society. For, queerly enough, it is just this pursuit of science for its own sake, made without any thought as to possible practical applications, that has ultimately brought mankind its greatest technical advances. As an example I may remind you of the manner in which modern physics originated through the rather abstract curiosity of men like Copernicus, Brahe, Kepler, Galilei and Newton, who wanted to find out the laws governing the motions of the planets and the moon.

I do not myself believe that one should judge the importance of various pursuits in life by their practical outcome. But even if one were to do this and if it were possible to make such calculations, I believe that one would come to the conclusion that the capitals spent in the past on pure science have fully paid their dividends.

At the present moment astronomy is one of the sciences where a surge of new instrumental developments has made possible the discovery of large new territories which until quite recently were beyond our horizon. One of these developments is radio astronomy, the other is the artificial satellite and the space probe.

In order to illustrate the importance of these developments I have on a previous occasion used the comparison of the astronomer with a man at

a concert listening to an orchestra with its soloists. Up to the last world war the ear of the astronomer listening to the music of the heavens was only adapted to tones extending over only a little more than one octave somewhere in the middle register of the music of the universe, which in reality extends significantly over some 45 octaves. By extremely intent listening and sharp analysis of what he heard, he succeeded in getting at least an impression of the wonderful melody which is being played in the universe. But there could be no doubt that by the limited range of his hearing much of what is essential in the universe has escaped his attention.

For there are in the heavenly music, fugues which use only the low keys of the radio wavelengths and other, lighter ones, which are played entirely in the high octaves of the far ultraviolet and X-rays.

Both of these domains have recently been opened to mankind, one through the advent of radio astronomy, and the other by the artificial satellites. Both techniques open your eyes to an enormous new world.

(To follow)

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Last Friday Mr. Charles Acton, Chairman of the Conference, and Mr. Clifford Stead, Acting Secretary of the Conference, lunched with a number of journalists accredited to the United Nations at Geneva.

After the lunch, Mr. Acton and Mr. Stead outlined for the journalists' benefit the history and the work of the I.T.U. and gave them information on the progress of the Administrative Radio Conference.

FIRST DAY OF THE LUNAR AGE

14 September, 1959

Mr. George Searle, Chairman of Working Group 5A, opened yesterday morning's meeting by offering the congratulations of all delegations to the U.S.S.R. delegation. He observed that the scientific results obtained were considerable and had been reached with great precision. His brief congratulatory statement was received with hearty applause.

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Mr. Ashot Badalov, Deputy Head of the U.S.S.R. delegation, asks the Morning Electron to express his thanks to all delegations who have offered congratulations on the safe arrival of "LUNIK 2" at the moon. He has also asked us to be kind enough to publish the following TASS communiqué, which we are very pleased to do :

" Today, 14 September, at two minutes and twenty-four seconds after midnight, Moscow time, (13 September, two minutes and twenty-four seconds after 10 p.m., Swiss time), the second Soviet space rocket reached the surface of the Moon.

" For the first time in history a flight has taken place between the Earth and another celestial body. To mark this world-shaking event, emblems bearing the Soviet coat-of-arms and the words "Union of Soviet Socialist Republics - September 1959" have been planted on the surface of the Moon. All necessary measures have been taken to ensure that they survive the moment of impact.

" All scientific measurements have now been completed. The radio sets, installed in the container together with the scientific and measuring equipment, ceased working with the crash.

" The fact that the Soviet space rocket has reached the Moon is an outstanding scientific and technical achievement. A new chapter in space travel has begun."

"STARSTEED"

The newspapers and radios of the whole world are talking about LUNIK 2 reaching the Moon. The members of the U.S.S.R. delegation are being complimented by their colleagues on the 56 committees and working groups. The "Morning Electron" feels that it is paying suitable tribute by publishing, in English, French and Spanish, the following verses, which should obviously be read in Russian, if their full flavour is to be captured :

Russians,  
World-hunters,  
Dusky sky-masters,  
Sound your horns.

Under the storm-plough  
Groan, earth,  
Rocks  
Fall asunder

A new sower  
Bestrides the fields  
And casts new seeds

The starry host  
To meet you  
Rides forth  
Sky-harnessed, star-belled star-steed.

Serge Essenine

#### SOCIETY GOSSIP

Last Friday the Swiss P.T.T. Administration gave a dinner in honour of the Chairman and the Vice-Chairman of the Conference, the Chairmen and the Vice-Chairmen of Committees, the Heads of Delegations, the Chairman and the Vice-Chairman of the I.F.R.B. and the Chairman and the Vice-Chairman of the Administrative Council of the I.T.U.

#### CHANGES

One day in the C.C.I.R., W.L. Macpherson said: "Where it is not necessary to change, it is necessary not to change."

This saw, which attracted attention and which is still true today, was at first attributed to Benjamin Disraeli. A little research carried out on the subject enables us to be somewhat more exact. Mr. Macpherson had read this thought in a book entitled "History of the Rebellion" by Lord Clarendon, a Tory politician (1608-1674). It would however appear that this maxim, which should inspire all those engaged in the reform of morals or regulations, first saw the light of day in a volume by a certain Lucius Carey, published in 1660 and entitled: "Thoughts on the Infallibility of the Roman Church". It may also be found in "Stevenson's Book of Proverbs". We don't feel it is up to us to draw a parallel between the infallibility of the Roman Church and that of the I.T.U., but we thought it might be interesting to republish, with its history, this pregnant notion.



# THE MORNING ELECTRON

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G E N E V A

Wednesday, 16 September 1959

Published throughout the

I.T.U. Conferences

## A G E N D A

Wednesday, 16 September 1959

9.30 a.m.	Working Group 4F	Room A Bâtiment Electoral
9.30 a.m.	Working Group 5A	Room E Bâtiment Electoral
9.30 a.m.	Sub-Working Group 6A7	Room G Bâtiment Electoral
9.30 a.m.	Sub-Working Group 6A8	Room I Bâtiment Electoral
9.30 a.m.	Sub-Committee 7A	Room B Palais des Expositions
2.30 p.m.	Working Group (Special)	Room I Bâtiment Electoral
3.00 p.m.	Working Group 3A	Room F Bâtiment Electoral
3.00 p.m.	Working Group 4B	Room E Bâtiment Electoral
3.00 p.m.	Sub-Working Group 5B2/1	Room H Bâtiment Electoral
3.00 p.m.	Sub-Working Group 6C3	Room 113 Bâtiment Electoral
3.00 p.m.	Sub-Committee 7C	Room B Palais des Expositions
5.30 p.m.	Working Group 2	Room 1 Bâtiment Electoral
6.30 p.m.	Radio Amateurs' Meeting	Room E Bâtiment Electoral

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THE LIST AND THE PLAN

MEETING NOTES

Committee 5 has terminated its general discussion on the List and the HF broadcasting Plan. Yesterday's meeting clearly revealed - as did the statements made by numerous speakers - that therein lay problems of crucial importance to the Conference as a whole. It will be incumbent on the Working and Sub-Working Groups to take into account not only the plans and the drafts but also the wishes of the so-called new countries, since radiocommunications constitute a factor vital to their development.

Mr. Kirkpatrick (United Kingdom) : We must, as Mr. Mirza said, get rid of the dead wood; make use of the existing Record. It is better to concentrate on assigning frequencies within the bands than to make band adjustments.

Mr. Kashel (Bielorussia) : There is no better document than the Record. Although the I.F.R.B. had every facility at its disposal, it failed to prepare the List that Geneva is called upon to establish.

Mr. Kamoy (Turkey) : Several delegations have signified their agreement with the data supplied by the I.F.R.B. for the fixed service bands between 3,950 and 27,500 Kc/s, such as for instance,

- the information that certain administrations are requesting twenty times as many frequencies as are necessary to satisfy their needs.
- that certain administrations are trying to operate their services in accordance with No. 245 of the E.A.R.C. but are hindered in the process by the unexpected activity of certain stations, which although registered, have been silent for months. The appearance of certain signals is not, however, the outcome of specific propagation conditions.
- New administrations are the hardest hit. If there are no principles for an equitable distribution an "international race for frequencies" will ensue. That is what can be read between the lines. The problem of preparing and adopting a frequency allocation plan for international circuits is not insoluble provided certain principles are applied and in particular (a) the principle of pre-notification proposed by the United States must be adopted; (b) the frequencies are notified for the phases of the sun-spot cycle during which they will be used; (c) the frequencies kept in reserve may be registered on a secondary basis by other administrations; (d) all administrations undertake to use only high grade receiving equipment; (e) the more advanced countries would use, wherever possible, systems other than the high frequency "point to point" method.

Mr. Dawson (Canada) : We must remember what happened in the P.F.B. with regard to "consolidation" and "correlation". Consolidation enabled the requirements to be considerably reduced. Correlation meant that the transmitting and the receiving Administrations must first agree that a given circuit is, in fact, being used. The results were good and it would be interesting to examine the statistics for 1949 for the fixed bands between 4 and 10 Mc/s. The most saturated zones were those of the Mediterranean, the Carribean, South-East Asia with Indonesia and the Philippines, with twenty times as many requirements as there were places in the spectrum. The least saturated zone was that of the North Pacific, where there were four times as many requirements as there were places in the spectrum. In 1951, at the E.A.R.C., the idea of evolution was born producing results after much trial and error. It can still make it possible to establish a more accurate and useful international List.

The Delegate of China : The problem of the establishment of an international frequency List for the 4 to 27.5 Mc/s bands can only be broached after a detailed study has been made of the notification and registration procedure. The Administrations must be encouraged to adopt new techniques and to make use wherever possible of other bands and other means of communication. The requirements of the under-developed countries should be taken into account in conformity with E.A.R.C. Resolution No. 3.

By using ionospheric scattering, China has achieved, in agreement with Japan, satisfactory results in the frequency field. Four teletype circuits on a single frequency are possible with a safety margin of 99%, without magnetic storm repercussions and with no need to change the frequency in order to cope with the various phases of the sunspot cycle.

Mr. Popovic (Yugoslavia) recalled that he had suggested that a conference should be convened and Mr. Barajos Gutierrez (Mexico) also reminded the meeting of the proposals made by twelve delegations.

Before the general discussion on the HF broadcasting plan, Mr. Wang, Member of the I.F.R.B., after explaining which documents referred to the matter, made remarks the most important of which, we think, are the following :

1. The I.F.R.B. does not think that the draft plan is the only and best solution possible. Its foremost idea had been to carry out successfully the job given it.

2. Article 11 of the E.A.R.C. Agreement clearly provides for the possibility that the I.F.R.B. can make the changes required for the plan to be acceptable. It is impossible to apply the C.C.I.R. standards in view of the volume of broadcasting requirements submitted to the I.F.R.B. The draft plan is a compromise between quantity and quality.

3. Three years were required, and more, to collate requirements and consult Administrations. More than 5 years were required to prepare the J70 plan after the E.A.R.C. meeting, while the plans for the 8 other phases were ready only after two years.

4. The draft plan was perhaps not ideal and perfect but it was the outcome of an absolutely impartial examination in the interests of all Administrations.

From another standpoint, Mr. René Petit, of the I.F.R.B., was eventually to give certain explanations as regards the work of the I.F.R.B. For this June 70 reference plan, the total of the requirements submitted exceeded by 60% that allowed in the Mexico plan. In the I.F.R.B. plan, for this plan, there were 32% more frequency-hours than in the Mexico plan and the percentage was even higher for the peak hours.

It would not be possible to get a plan if the requirements stay as they are and if at the same time respect has to be paid to the results of the C.C.I.R. studies which are much higher than those of Mexico.

Mr. Ashot Badalov (U.S.S.R.) : The sharing of frequencies for broadcasting should be based on justice, on information concerning the population, language and size of territories. The I.F.R.B. has not been able to carry out the task entrusted to it by the E.A.R.C. without harming technical standards and has not used the experience of the C.C.I.R. Technical elements have not been considered. The C.C.I.R. has been left aside. Far-reaching changes have occurred, new countries have new requirements and advanced countries also have increased requirements. The plan submitted is arbitrary as regards channel distribution and even arranges for a country to bring 10 transmitters into use simultaneously, which, otherwise, could not be used because of the lack of frequencies at certain times. The plan should be prepared in Geneva by the conference, using everything that has been done and all observations; difficulties should be solved by exchanges of views among Administrations which will eventually agree with one another on the basis of understanding and collaboration.

Mr. Paul Miles (United States) : In spite of 12 years of effort, there was nothing but a dead end. Some Administrations and the C.C.I.R. found that the technical standards used for the plans are not satisfactory; other Administrations, especially in countries which are not yet fully developed, have not obtained satisfaction. Something, however, must be done :

a) every four months the I.F.R.B. should be supplied with all the plans for the use of frequencies at least 6 months before they are applied in practice;

b) the I.F.R.B. should prepare an overall plan and tell Administrations about possibilities of interference, making suggestions on the matter;

c) this overall broadcasting plan comparable to the draft I.F.R.B. plans would be sent to Administrations and would provide them with a cheap

means of making their programmes. It would also be the basis of a frequency list entirely based on the real use of frequencies. This procedure should be applied after the signature of the Final Acts of the Geneva Conference. It would have the feature that Administrations would also have the possibility of solving any possible conflicts in the use of frequencies before any interference took place.

The Delegate of Australia : Although the plans do not give satisfaction as regards transmissions to foreign countries and the necessary programme production, they have to be taken into account. A recent enquiry shows that, as regards the difficulties of Australia, half of them could be solved without difficulty and a quarter are due to the simple fact that the technical standards used were not those expected.

Mr. Sarwate (India) agreed with the Australian delegation. In spite of their numerous, well-known inadequacies, the I.F.R.B. plans were the only possible basis for discussion, work and planning.

Mr. Ventura Montes y Martínez (Cuba) : People speak of priorities but I think that priority is in the hands of those who already have the possibilities. We might get together, since in any case an individual can't wear more than one trouser and a pair of boots. The I.F.R.B. plans shouldn't be shelved but should be amended in the light of economic and demographic, as well as technical, realities.

Mr. Quijano Caballero (Colombia) : This is a difficult and very important problem, which is not purely technical. There are educational and cultural programmes, already pointed out by UNESCO. The use of frequencies does not take account of reality. They are often used for unimportant transmissions. This is thus a political problem. The Colombian delegation is in favour of a Resolution to the United Nations Assembly for a study of this problem, which is not within the competence of the Geneva Conference.

Mr. Mirza (Pakistan) : Jamming must be recognized. The plans of the I.F.R.B. can be improved. National requirements are more important than international requirements.

The Delegates of Malaya and Ghana stressed the importance of assignments to new countries. Their requirements are immediate and imperative. The more fortunate countries should give something and make an effort in favour of the new-comers.

Mr. Ivan Trifonov (Bulgaria) : Certain countries do not have available the bands they require for educational and cultural purposes. Bulgaria has 10 channels for its national broadcasts, but more than 70 channel-hours are taken up by transmission in Bulgaria from foreign countries. Some countries "dominate" the spectrum. There is no point in having transmissions at times when there are no listeners. The plan should be established in Geneva in a spirit of cooperation and understanding.

The Delegate of Egypt, reverting to the criticisms of the I.F.R.B., once more stressed the necessity of helping the under-developed countries. There should be a compromise between the 72 which were not against the I.F.R.B. plan and the 15 which were for it.

The Delegate of Burma thought that the I.F.R.B. plan should not be discarded. It was better to examine it thoroughly than to grope in the dark.

The Delegate of Japan, paying tribute to the efforts of the I.F.R.B., approved the Australian proposals and recalled that it was decided to finish them off at a certain date in the work of the Conference.

The Delegate of Roumania : The I.F.R.B. plans are neither quantitatively nor qualitatively satisfactory. The broadcast bands must be widened and the practical and concrete proposal of Poland must be adopted.

Mr. Popovic (Yugoslavia) : It is difficult to solve the quality-quantity controversy. Since the Mexico Conference, new requirements are necessary. The frequency bands must be widened and the efforts of the working groups of Committees 4 and 5 must be coordinated.

Mr. Barajas Gutiérrez (Mexico) : A serious mistake was made at the conference in Italy and at the E.A.R.C. meeting. It was to open the door to new requirements, not only those of new countries, but also those of those which had already announced their requirements, whence a deterioration of technical standards. You can't choose between quality and quantity. The same thing should be done for broadcasting as for the aeronautical and maritime services, namely, new allocations within the limit of possibilities. There actually exists a state of conflict between certain countries for ideas, for philosophical and social conceptions. Time will settle this - which does not mean sitting back and resting. The new countries should be able to obtain satisfaction.

The Conference should note the I.F.R.B. plans.

A working group should study the requirements of the new countries and submit them in due time.

The standards of the Mexico plan are sound and solid and cannot be discarded.

Mr. Segall (Belgian Congo): The success or failure of the Conference depends on its high-frequency broadcasting decisions. In the Belgian Congo, two national programmes have to be broadcast outside the broadcasting bands. Everything is already taken.

Absolute priority should be given to national programmes which represent vital needs between 7 and 9 Mc/s in the morning and between 11 and 12 Mc/s in the daytime. This is indispensable for big countries in the tropical or equatorial regions. A frequency cannot be given up unless another satisfactory frequency replaces it. Thus a certain time of simultaneous transmission is required with direct agreement between the countries concerned for the transfer from one frequency to another.

The Vice-Chairman of Committee 5 (Portugal) : The Portuguese possessions are scattered over four continents. The I.F.R.B. plan is unacceptable but it can be used for further study.

Mr. Quijano Caballero (Colombia) : Circuit reorganization must be done logically. Classification, protection and band sub-division are required. The method has given satisfaction as regards the aeronautical services.

Mr. Pardo Horno (Spain) : The Master Record is not a static document.

Mr. George Searle (New Zealand) : The man in the street is entitled to international communications. Existing systems should be protected and capable of development. New countries should be able to have new systems. The use of submarine cables will not reduce high-frequency requirements. A country may manage to accommodate its requirements if it makes the necessary efforts and adopts the evolution procedure, while safeguarding its principles.

The Delegate of Ceylon : There are new requirements. The most modern technique must be adopted. Otherwise, technical assistance will be required. Let us take the Master Record as a basis then, after examination by the I.F.R.B., there can be a conference and monitoring stations can be set up.

Right at the beginning of the general discussion on the high-frequency broadcasting plan, Mr. Flisak (Poland) had explained at great length why the I.F.R.B. plan could not be accepted by his Administration and had given details of a draft plan for solving the whole problem. This statement by the Delegate of Poland was regarded by very many delegates as very important and it was decided to publish the text of the Polish statement as a working document for the Committee. It is thus not necessary for us, in these notes, to go into details of a document that has already appeared.

QTR 18.30 (local)

You are reminded that the meeting of "Amateurs" participating in the Conference will take place this evening, Wednesday, 16 September at 6.30 p.m. in Room E, Bâtiment Electoral.

One of the CQ gang



# THE MORNING ELECTRON

Vol. I - No. 24

G E N E V A

Thursday, 17 September, 1959

Published throughout the

I.T.U. Conferences

## A G E N D A

Thursday, 17 September, 1959

9.30 a.m.	Working Group 4E	Room E - Batiment Electoral
9.30 a.m.	Sub-Working Group 4D1	Room I - Batiment Electoral
9.30 a.m.	Working Group 5B	Room F - Batiment Electoral
9.30 a.m.	Sub-Working Group 6A1	Room G - Batiment Electoral
9.30 a.m.	Sub-Working Group 6B2	Room K - Batiment Electoral
9.30 a.m.	Sub-Committee 7B	Room B - Palais des Expositions
11.15 a.m.	Sub-Working Group 5B5	Room F - Batiment Electoral
3.0 p.m.	Committee 4	Room A - Batiment Electoral
3.0 p.m.	Sub-Working Group 5B3	Room F - Batiment Electoral
3.0 p.m.	Working Group 6B	Room C - Palais des Expositions
3.0 p.m.	Working Group 7A1	Room K - Batiment Electoral
3.0 p.m.	Accounts Group 7D1	Room H - Batiment Electoral
6.15 p.m.	Committee 1	Room E - Batiment Electoral
8.30 p.m.	Lecture	Room A - Batiment Electoral

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RADIO ASTRONOMY, A WINDOW ON THE UNIVERSE (2.)

by H. Oort

In the scarcely 15 years of its existence radio astronomy has developed so rapidly that it would be impracticable to try to give anything like a complete survey.

Part of the continuous radio emission is formed in a conventional, more or less quiet manner, by free-free transitions of electrons in hot interstellar clouds.

Before continuing to explain this radiation, I must say a few words about the environment of the solar system. As it is well known, the sun is a member of a huge swarm of stars, each more or less similar to the sun. The total membership of the swarm is around 100,000 million. It has the shape of a thin disk, the sun itself being situated close to the central plane but at considerable distance from the centre of this disk. A joint glimmer of more distant parts of the disk may be seen in the Milky Way which extends as a ring around the sky. It is from this Milky Way that the swarm derives its name "Galactic System".

The stars that form the swarm are very far apart. The distances between them are more than ten million times their diameters. The space between them is almost, but not entirely empty. It contains extremely tenuous but at the same time very extensive clouds of gas. Only a few per-cent of the total mass of the Galactic System is in these clouds, all the rest is concentrated in the stars. The interstellar clouds consist for the larger part of hydrogen and they are mostly at a fairly low temperature. But here and there they are heated by a high-temperature giant stars formed within these clouds. The radiation of these stars is capable of ionizing the hydrogen over large regions, thereby raising its temperature to about 10,000°. These hot regions give thermal radiation, which is often sufficient to be observable in the radio range, in particular at wave lengths below one meter.

We can observe these hot concentrations of gas by optical means; but before the radio methods came into use we could only see them in a small part of the galactic disk, encompassing not much more than about 1% of the surface. This is due to the fact that in the cool parts of the interstellar clouds, some condensation has taken place into small solid particles. These particles obstruct the view in such a way that in the plane of the disk we cannot penetrate beyond about five thousand light years, while the whole disk has a radius of about forty thousand light years. For this reason, optical observation will never be capable of giving us a sufficient insight into the structure of the galactic disk.

The great advances in the knowledge of the Galactic System brought about by radio astronomy are due mostly to the fact that radio waves penetrate freely through this layer of interstellar dust and thus have made possible for the first time a survey of the galactic structure. By far the most fertile method of investigation has been the observation of the emission line of atomic hydrogen at 21 cm wavelength. The existence of this line and the possibility that it would be observable in cool interstellar clouds was predicted by Professor van de Hulst in 1944. This suggestion has proved to be of wonderful fertility.

The line is emitted by the reversal of the spin of the electron with respect to that of the proton. So far, it is the only observable emission line in the entire range of radio frequencies.

The observations of the 21 cm line have, of course, the same advantage of penetration through interstellar dust which all observations at radio wavelengths have. In addition, they offer the possibility of measuring the Doppler shifts, in the radial velocities, of the radiating atoms. Therefore, if we observe with a suitable radio telescope the intensity of this radiation at various wavelengths, we can find at once the number of hydrogen atoms in this direction having various velocities. Because of the rotation of the Galactic System, the velocity observed in a given direction is strongly correlated with the distance of the corresponding atoms. We can thus derive from these observations the density of the gas at different distances. And, by repeating these observations in all directions, we can construct a rough map of the distribution of the interstellar gas throughout the Galactic System. This map shows several interesting features. In the first place all the hydrogen has apparently collected in a very thin and very flat disk. Within this disk it shows a remarkable pattern: it is concentrated in ring-like or, more probably, spiral-like regions with almost empty space in between. This entire spiral system is rotating in its own plane. Such a spiral pattern had already been observed to occur in many of the other big star swarms, or "galaxies", which surround the Galactic System. But it was only by the radio methods that it could be traced in our own galaxy.

So far, there has been very little to indicate how these curious spiral patterns, stretching through the entire body of a galaxy, have come into being, nor how, once they had originated, they could continue their existence during many dozens of revolutions. But the attack on this problem becomes much more promising now that the structure has been delineated in our own galaxy.

The finding of the spiral structure was a result that was no surprise, in view of the fact that this is a very common phenomenon in external galaxies.

But it was surprising to discover that in the central part of the Galactic System the spiral arms are apparently moving away from the centre at relatively high speeds. The whole central region is expanding with a velocity of the same order as that of the rotation. It expands exactly in the plane of the disk. It is still quite unknown what causes this expansion. And it is also unknown how the gas that is moving away from the central part is being replenished. The only forces we know of that could possibly cause such a motion are magnetic forces. And we get more and more the impression that the entire spiral phenomenon is due to magnetic fields. But origin and evolution of these fields is still entirely unexplored.

(To be continued)

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#### LECTURE SERIES - MOVIES

The International Astronautical Federation is proud to announce that Mr. Andrew G. Haley has arrived in time to participate in its first programme, as previously announced in the Morning Electron.

Mr. Andrew G. Haley has been the President of the International Astronautical Federation for the past two years and during the recent 10th Congress of the I.A.F. in London was unanimously elected General Counsel of the Federation. He was also assigned as permanent representative of the I.A.F. to the International Telecommunication Union and other international organizations of the United Nations and is an ex-official Member of all I.A.F. Committees.

Mr. Haley was succeeded as President of the International Astronautical Federation by Academician Leonid Sedov, who is President of the Commission on Cosmic Space of the U.S.S.R. Academy of Sciences.

On behalf of the International Astronautical Federation, Mr. Haley has kindly accepted to give a brief lecture on the necessity of adequate planning by Communication authorities on outer space.

Mr. Haley will introduce the film programme being commentated by the alternate I.A.F. delegate, Mr. R.P. Haviland, as previously announced, on the Thor and Atlas flight.

Time : 20.30, Thursday, 17 September, Room A,  
Bâtiment Electoral

LIST OF PARTICIPANTS

As the revised List of Participants is about to be distributed, it may be useful to repeat the directions which were given in the Morning Electron of 14 September.

Since almost all the pages in Section 1 of the List of Participants (Delegations) have had to be changed, this Section has been reprinted. Participants can therefore simply replace the whole of Section 1 of the List by the new pages numbered from Section 1/1 to Section 1/95.

In the remaining sections, it will be necessary to insert the new pages in the appropriate place. When a new page replaces an existing page, this will be indicated at the bottom of the page, e.g.:

Section 2/2 Rev. 1 Remplace/Replaces/Reemplaza Sec. 2/2.

Thereafter, pages which have been revised once more will include the mention at the bottom of the page, e.g.:

Section 2/2 Rev. 2, Section 2/2 Rev. 3, etc. ...

When a new page has to be added, it will be noted at the bottom of the page, e.g.:

Section 4/7/1 Suit/Follows/Sigue Sec. 4/7 Rev. 1.

Thereafter, pages to be added will be numbered consecutively, e.g.:

Section 4/7/2, Section 4/7/3, Section 4/7/4, etc.

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A further series of changes to the List of Participants will be printed and distributed only when those changes are sufficient to justify the necessary printing work.

In the meantime, it would seem desirable to inform participants through the Morning Electron of such changes, as and when they come to the notice of the Secretariat.

These changes will be grouped under three headings :

Recent arrivals - Changes of address - Other information.

The following are the changes which have come to the knowledge of the Secretariat since the last revision of the List.

Recent Arrivals

21. CONGO BELGE et Territoire du RUANDA-URUNDI  
BELGIAN CONGO and Territory of RUANDA-URUNDI  
CONGO BELGA y Territorio de RUANDA-URUNDI

Délégué / Delegate / Delegado

M. Alphonse Pius SAID  
Ingénieur des télécommunications

Hôtel Victoria  
Rue Pierre-Fatio 11  
Genève  
T. 36 91 40

25. DANEMARK  
DENMARK  
DINAMARCA

Conseiller / Adviser / Asesor

M. J. MADSEN

Hôtel d'Allèves  
Passage Kléberg  
Genève  
T. 32 15 30

28. ENSEMBLE DES TERRITOIRES représentés par l'Office français  
des Postes et Télécommunications d'OUTRE-MER  
GROUP OF THE DIFFERENT TERRITORIES represented by the French  
OVERSEAS Postal and Telecommunication Agency  
CONJUNTO DE TERRITORIOS representados por la Oficina  
francesa de Correos y Telecomunicaciones de ULTRAMAR

Délégué / Delegate / Delegado

M. Jean LALUNG-BONNAIRE  
Ingénieur en chef des Postes et  
Télécommunications d'outre-mer

Hôtel de la Plaine  
Av. Henri-Dunant 11  
Genève  
T. 24 53 32

30. ESPAGNE  
SPAIN  
ESPAÑA

Délégué / Delegate / Delegado

Sr. D. Carlos GOROZARRI PUENTE  
Teniente Coronel  
Ingeniero aeronáutico

Hôtel Pacific  
Rue des Pâquis 44  
Genève  
T. 32 64 67

33. FINLANDE  
FINLAND  
FINLANDIA

Délégué / Delegate / Delegado

M. Arvi SINKKONEN  
Chef de bureau à la  
Division de l'exploitation  
internationale des P.T.T.

Hôtel Excelsior  
Rue Rousseau 34  
Genève  
T. 32 09 45

34. FRANCE  
FRANCIA

Délégués / Delegates / Delegados

M. Jean HAMON  
Ingénieur du Service des  
transmissions  
Ministère de l'Intérieur

Hôtel Bristol  
Rue Mont-Blanc 6 - 10  
Genève  
T. 32 91 50

M. Marcel THUE  
Ingénieur des télécommunications

Hôtel Touring-Balance  
Place Longemalle 13  
Genève  
T. 25 13 80

56. LIBYE (Royaume-Uni de)  
LIBYA (United Kingdom of)  
LIBIA (Reino Unido de)

Délégué / Delegate / Delegado

Mr. Emanuel STEPHEN  
Chief Radio Engineer  
Ministry of Communications

Hôtel Mon Repos  
Rue de Lausanne 131  
Genève  
T. 32 80 10

64. NORVEGE  
NORWAY  
NORUEGA

Délégué / Delegate / Delegado

M. J. DAHLIN  
Ingénieur de section  
(et Mme)

Hôtel Astoria  
Place Cornavin  
Genève  
T. 32 10 25

69. PAYS-BAS, SURINAM, ANTILLES Néerlandaises, NOUVELLE-GUINEE  
NETHERLANDS, SURINAM, NETHERLANDS ANTILLES, NEW GUINEA  
PAÍSES BAJOS, SURINAM, ANTILLAS Neerlandesas, NUEVA GUINEA

Conseiller / Adviser / Asesor

Mr. E. van ELDIK  
Deputy Head of the Technical  
Service of Radio Nederland  
Wereldomroep

Hôtel Cornavin  
Place Cornavin  
Genève  
T. 32 66 60

77. REPUBLIQUE FEDERALE D'ALLEMAGNE  
FEDERAL GERMAN REPUBLIC  
REPUBLICA FEDERAL ALEMANA

Délégués / Delegates / Delegados

M. Hans-Joachim HAASE  
Conseiller de gouvernement  
Ministère Fédéral des Transports

Parc Hôtel  
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T. 36 70 20

M. Dieter H. HEINIG  
Expert en télécommunications  
Ministère Fédéral de la Défense

Hôtel de la Nouvelle Gare  
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Conseiller / Adviser / Asesor

M. Karl J.G. HAHN  
Expert en télécommunications

Parc Hôtel  
Avenue Krieg 42  
Genève  
T. 36 70 20

84. SUEDE  
SWEDEN  
SUECIA

Délégué / Delegate / Delegado

M. Sven OBERG  
Chef de division à la Direction  
nationale de la navigation maritime  
de Suède

Hôtel Century  
Avenue Frontenex 24  
Genève  
T. 36 80 95

89. TUNISIE  
TUNISIA  
TUNEZ

Délégué / Delegate / Delegado

M. Brahim KHOUADJA  
Ingénieur principal des  
télécommunications

Hôtel de la Nouvelle Gare  
Rue des Alpes 21  
Genève  
T. 32 95 67

Changes of address

11. BRESIL  
BRAZIL  
BRASIL

Délégué / Delegate / Delegado

Col. G. de CAMPOS BRAGA

Avenue de Champel 25 b  
App. 10  
Genève

31. ETATS-UNIS D'AMERIQUE  
UNITED STATES OF AMERICA  
ESTADOS UNIDOS DE AMÉRICA

Délégué / Delegate / Delegado

Mr. George JACOBS

Bd. des Tranchées 52  
Genève  
T. 25 27 73

34. FRANCE  
FRANCIA

Délégué / Delegate / Delegado

M. Pierre ALNET

Rue des Pâquis 6  
Genève

60. MEXIQUE  
MEXICO  
MEXICO

Délégué / Delegate / Delegado

Mayor José Cerbón FUENTES

Hôtel Century  
Av. de Frontenex 24  
Genève  
T. 36 80 95

69. PAYS-BAS, SURINAM, ANTILLES Néerlandaises, NOUVELLE-GUINEE  
NETHERLANDS, SURINAM, NETHERLANDS ANTILLES, NEW GUINEA  
PAÍSES BAJOS, SURINAM, ANTILLAS Neerlandesas, NUEVA GUINEA

Délégué / Delegate / Delegado

M. G.M. BRINKMAN

Hôtel Mirabeau  
Rue de Candolle 4  
Genève  
T. 25 33 20

PAYS-BAS etc. (suite)  
NETHERLANDS etc. (contd.)  
PAÍSES BAJOS etc. (continuación)

Conseiller / Adviser / Asesor

Ir. H.T. HYLKEMA

Hôtel Moderne  
Rue de Berne 1  
Genève  
T. 32 81 00

76. REPUBLIQUE ARABE UNIE  
UNITED ARAB REPUBLIC  
REPUBLICA ÁRABE UNIDA

Délégué / Delegate / Delegado

M. El Garhi Ibrahim EL KASHLAN

Hôtel Suisse  
Place Cornavin 10  
Genève  
T. 32 66 30

82. ROYAUME-UNI de la GRANDE-BRETAGNE et de l'IRLANDE DU NORD  
UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND  
REINO UNIDO DE GRAN BRETAÑA e IRLANDA DEL NORTE

et / and / y

206. BRITISH BROADCASTING CORPORATION

Exports / Exportos      Représentants / Representatives / Representantes

Mr. Frank AXON

Hôtel Ariana  
Rue J.R. Chouet  
Genève  
T. 34 60 60

Mr. William John CHALK

Rue Viollier 3, App. 6  
Genève  
T. 36 61 29

Mr. Francis C. McLEAN

Hôtel Ariana  
Rue J.R. Chouet  
Genève  
T. 34 60 60

94. VENEZUELA (République de)  
VENEZUELA (Republic of)  
VENEZUELA (República de)

Délégué / Delegate / Delegado

Sr. Miguel A. TEJADA R.  
(y Sra e hijo)

Rue du Môle 34  
Genève

Other information

7. BELGIQUE  
BELGIUM  
BELGICA

Chef adjoint de la délégation / Deputy Head of the Delegation  
Jefe adjunto de la delegación

M. Pierre C.M. BOUCHIER  
[accompagné à partir du 14 septembre par  
Madame E. BOUCHIER-VERDEYEN (mère) et  
Mademoiselle H. BOUCHIER (tante)]

Délégués / Delegates / Delegados

M. Gaston DE LAFONTEYNE) (absent from 12 September  
M. GEWILLIG ) until further notice.)

25. DANEMARK  
DENMARK  
DINAMARCA

Conseiller / Adviser / Asesor

M. Karl Johannes HORNSBAEK (absent from 15 September to 1 October;  
will be replaced during this period by :  
M. J.B. BEENFELDT)

44. IRAN  
IRAN

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

M. Houshang NAIMI  
(accompagné par Madame NAIMI  
et 1 fils)

46. IRLANDE  
IRELAND  
IRLANDA

Chef adjoint de la délégation / Deputy Head of the Delegation  
Jefe adjunto de la delegación

(During his absence Mr. Sean O'DROMA  
will be replaced until further notice  
by Mr. Gerald E. ENRIGHT)

82. ROYAUME-UNI de la GRANDE-BRETAGNE et de l'IRLANDE DU NORD  
UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND  
REINO UNIDO DE GRAN BRETAÑA e IRLANDA DEL NORTE

et / and / y

209. MARCONI INTERNATIONAL MARINE COMMUNICATION COMPANY LIMITED

Expert / Experto      Représentant / Representative / Representante

Mr. George J. McDONALD

(absent from 6 to 27 September)

THE J.F.R.B ON THE SPOT

In Chairman Sastry's (India) Sub-Committee 4B3, while Mr. Dunbar of Canada was making an impassioned plea on the subject of 410 kc/s, the translation equipment was suddenly rendered inoperative. While technicians were trying to locate the difficulty, Mr. Gayer (IFRB) stepped up to the control panel, surveyed the situation, flipped a few switches and "presto", the equipment was returned to normal operation.

Mr. Sastry allowed Mr. Dunbar to continue after the delegate of Canada accepted full responsibility for putting the equipment out of operation.

CORRIGENDUM

In number 23 of the Morning Electron the remarks on the speeches of Mr. Quijano Caballero (Colombia) and Mr. Pardo Horno (Spain) which appear on page 8 should appear on page 3 or else at the top of page 4, since they do not relate to the preparation of the high frequency broadcasting plan but with the establishment of the international frequency list.



# THE MORNING ELECTRON

Vol. 1 - No. 25

G E N E V A

Friday, 18 September 1959

Published throughout the

I.T.U. Conferences

## A G E N D A

Friday, 18 September, 1959

9.0 a.m.	Committee 2 - Working Group	Room 1 - Bâtiment Electoral
9.30 a.m.	Committee 2	Room F - Bâtiment Electoral
9.30 a.m.	Working Group 6A	Room C - Palais des Expositions
9.30 a.m.	Working Group 4D	Room A - Bâtiment Electoral
9.30 a.m.	Working Group 5A	Room E - Bâtiment Electoral
11.30 a.m.	Committee 6	Room C - Palais des Expositions
9.30 a.m.	Sub-Working Group 71/A	Room 1 - Bâtiment Electoral
3.0 p.m.	Sub-Working Group 4B3	Room E - Bâtiment Electoral
3.0 p.m.	Sub-Working Group 5B4	Room F - Bâtiment Electoral
3.0 p.m.	Working Group 6C	Room C - Palais des Expositions
3.0 p.m.	Committee 7	Room A - Bâtiment Electoral
4.0 p.m.	Working Group 7B1	Room K - Bâtiment Electoral

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RADIO ASTRONOMY, A WINDOW ON THE UNIVERSE (3)

By Professor J.H. Oort

So far, we have been considering what we might call the classical types of radio-frequency radiation, coming from the hot and cold regions of the interstellar gas. Like the optical radiation, this is emitted by electrons decelerated on an atomic scale.

By far the greater part of the radio-frequency radiation coming to us from outer space originates in a much less conventional way. The origin seems always to be associated with catastrophic events. The radio astronomy I am now going to speak about tends to concentrate our attention largely on the violent aspects of the universe.

In the case of the sun, for instance, the quiet thermal radiation is almost completely drowned in the very much more powerful radiation caused by eruptions. Such outbursts take place all the time.

Certain types of eruption may cause a very strong increase in the radio-frequency radiation of the sun. In some cases at least this radiation can clearly be identified as due to a very large-scale vibrational motion of huge masses of ionized gas.

Although the eruptions on the sun can temporarily increase its radio emission by enormous factors, and although it must be expected that similar eruptions will take place on other stars, it has not, so far, been possible to observe at radio wavelengths any such outbursts or flares in these other stars. This is not surprising in view of the fact that even the nearest of these other stars are about a million times further away than the sun.

Something rather more excessive has to happen to make a star become prominent at radio wavelengths. Extremely violent events in life history of stars have long been known to occur. In the 16th century the famous astronomers Tycho Brahe and Kepler each observed the appearance of what in those days was called a new star, or nova. They were called new stars, because no stars had been known to exist previously at the positions where these stars flared up. In later times it has been possible to identify novae with faint stars that existed before. What happens at such a nova outburst is that through some sort of instability, an excess amount of energy is released within the star and this causes the outer layers to be blown off into space. At first this only causes the hot radiating surface of the stars to increase rapidly in size and the star brightens correspondingly. The outer shells are thrown off with very large velocities, of the order of 1000 km/sec. However, even these violent happenings are apparently not violent enough to show up at the radio frequencies. So far, no ordinary nova has been observed in the radio domain. It needs explosions on a still larger scale to make what we call a radio source. Explosions in which not

only the thin outer shells are driven off, but in which a major part of the star is destroyed. We call this a supernova outburst.

Explosions on this scale are extremely rare, but they do happen, albeit only about once in a century in an entire galaxy. The consequences of such an unusual outburst are themselves also most unusual. In some way, which we do not yet understand, two things seem to occur which are of importance in connection with the subject of this evening: A magnetic field is built up within the rapidly expanding mass of gas and a large number of particles of extremely high kinetic energies are formed, the energies being of the same order as those of cosmic-ray particles.

These high-energy particles, spiral in the magnetic field, and the electrons among them emit radiation during this motion. This radiation is particularly strong in the radio wavelengths, although in a few cases it can also be observed at optical wave lengths.

A fine example is shown by the so-called Crab nebula. This nebula is the remains of a supernova outburst which occurred on July 4th in the year 1154 at a distance of about 6000 light years. At the time it was quite accurately observed by Chinese astrologers, and the records are such that one cannot doubt the supernova character of the event. What we see at present are the half of the star that was torn off and which is now expanding as an irregular mass of gas of which the total mass probably surpasses that of the sun.

About half of the optical radiation is that of this shell of gas and is due to vibration of electrons on an atomic scale. The other half is apparently due to the "cosmic-ray" electrons which radiate while moving in spirals of thousands of kilometres radius around magnetic lines of force. This type of radiation has been called synchrotron radiation, or also cyclotron radiation, because it was observed for the first time in one of these large accelerators for nuclear research. The first and practically only instance in which it has been observed in nature is the Crab nebula.

I do not want to enter now upon the way in which one can recognize this type of radiation, through its polarisation. We can outline in a general way from the polarisations observed optically the run of the magnetic lines of force in this object at 6000 light-years distance!

Observations at radio frequencies have shown that the same object emits very strong radiation in this region. How enormously strong this radiation is can be imagined by noting that the radiation we receive from it is of the same order as that of the sun, although the Crab nebula is 400 million times as far away. It is practically certain that this strong radiation is due to the same synchrotron process which causes part of the light. That is, the radio radiation is emitted by very high-energy electrons circulating in the magnetic field of the nebula. In direct support of this, astronomers have recently found that the radio frequency radiation is linearly polarized in about the same manner as the optical radiation.

The same type of synchrotron radiation is probably emitted all through the Galactic System by the electrons which probably accompany the ordinary cosmic-ray particles. These electrons irradiate while they move in the weak magnetic fields which exist everywhere in interstellar space. It now appears probable that by far the greater part of the continuous radiation at radio frequencies which we receive from the Galactic System, as well as from other galaxies, is of this synchrotron type. This opens an extremely interesting possibility to obtain, from observations of the directions of linear polarization of this radiation, some information on the general form of the galactic magnetic field. This in turn may yield new insight into the enigmatic problems of spiral structure. However, the observations are difficult and have not yet been successfully made.

I do not wish to enlarge upon this tonight, as I must take you still farther into the universe around us.

Before going into this I should first point out that there exist several more radio sources of the type of the Crab nebula. The Crab nebula itself may continue to emit strong radio-frequency radiation for something of the order of 100,000 years. If other supernovae have similar lifetimes, we should still witness many of the past explosions. And apparently we do.

It seems that, notwithstanding their already so tremendous scale, the Crab nebula and the supernovae are by no means the largest existing catastrophes of explosive nature.

(To be continued)

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LIST OF PARTICIPANTS

Recent Arrivals

6. AUTRICHE  
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- Dr. Hans SOBOTKA  
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DENMARK  
DINAMARCA
- Conseiller / Adviser / Asesor
- M. Jens Bay BEENFELDT
- Hôtel Métropole  
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Genève  
T. 24 73 00
59. MAROC (Royaume du)  
MOROCCO (Kingdom of)  
MARRUECOS (Reino de)
- Assesseur / Consultant / Asesor
- M. Mohamed BENABDALLAH  
Ingénieur des Télécommunications
- chez Mme Karzig  
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Genève
72. POLOGNE (République Populaire de)  
POLAND (People's Republic of)  
POLONIA (República Popular de)
- Vice-Président de la délégation / Deputy Head of the Delegation  
Jefe adjunto de la delegación
- M. Wladyslaw CETNER  
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- Hôtel de Genève  
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73. PORTUGAL
- Délégué / Delegate / Delegado
- Capitaine de corvette  
Augusto SOUTO SILVA CRUZ  
Département de la Défense  
Nationale
- Hôtel Métropole  
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77. REPUBLIQUE FEDERALE D'ALLEMAGNE  
FEDERAL GERMAN REPUBLIC  
REPUBLICA FEDERAL ALEMANA

Délégué / Delegate / Delegado

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82. ROYAUME-UNI de la GRANDE-BRETAGNE et  
de l'IRLANDE DU NORD  
UNITED KINGDOM OF GREAT BRITAIN  
AND NORTHERN IRELAND  
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IRLANDA DEL NORTE

Délégué / Delegate / Delegado

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85. SUISSE (Confédération)  
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93. URUGUAY (République orientale de l')  
URUGUAY (Oriental Republic of)  
URUGUAY (Republica Oriental del)

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

S. E. Sr. Victor M. POMES  
Ministro Plenipotenciario  
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Changes of address

4. ARGENTINE (République)  
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Délégué / Delegate / Delegado

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19. COLOMBIE (République de)  
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73. PORTUGAL

Délégués / Delegates / Delegados

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M. Leandro JAIME DE  
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94. VENEZUELA (République de)  
VENEZUELA (Republic of)  
VENEZUELA (República de)

Délégué / Delegate / Delegado

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Other information

14. CANADA  
CANADÁ

Chef adjoint de la délégation / Vice-Chairman of the  
Delegation / Jefe adjunte de la delegacion

Mr. William James WILSON delete (and Mrs)

Délégué / Delegate / Delegado

Dr. Jack Henry MEEK delete (and Mrs)

Mrs. Wilson and Mrs. Meek have now returned to Canada.

21. CONGO BELGE et territoire du RUANDA-URUNDI  
BELGIAN CONGO and Territory of RUANDA-URUNDI  
CONGO BELGA y Territorio de RUANDA-URUNDI

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

M. Serge SEGALL

supprimer "jusqu'au 13 octobre"

(M. Segall participera à la Conférence jusqu'à la fin de ses travaux)

"THE COMMON STORE OF KNOWLEDGE...."

Dwight D. Eisenhower

Introducing Dr. Andrew HALEY last night, the Secretary General of the Administrative Radio Conference, Gerald C. GROSS, read the cable recently sent by President Dwight D. EISENHOWER to the President of the International Astronautical Federation. This cable reads as follows :

"The opening up of the space frontier presents a momentous challenge to all nations and peoples which can only be met by close and continuous cooperation. By meetings aimed at exchanging ideas and increasing the common store of knowledge of this great realm about which we need to know so much, you are helping to assure that the great discoveries which lie ahead will be harnessed to the benefit of all men everywhere."

The Morning Electron will publish the most important parts of Mr. Andrew Haley's lecture.

COMMITTEE 4

INDISCIPLINE - "ADDITION" and "SUBSTITUTION" -- UNANIMITY

In Mr. Pedersen's absence, Committee 4, under the Chairmanship of Mr. Stewart, has reviewed the progress made by its working groups and made a detailed study of the question of footnotes.

The Chairmen of the working groups reported on the results attained so far. Mr. C. W. Sowton, Chairman of Group 4D, after observing that both the delegates and the interpreters had shown a certain lack of discipline at the beginning, gallantly paid tribute to Mlle. Marie Huet of the French Delegation who, he declared, had skilfully made her colleagues work at a much faster rate than he himself had been able to in his working group.

Mr. Myers, Chairman of Group 4G, took pains to state that his working group was composed of the best possible delegates and that there was no want of discipline. Group 4G had already reached complete agreement on 41 per cent of the total frequencies under examination and had virtually agreed on the question of the 10,500 and 13,400 kc/s bands. No serious difficulties were expected to arise in that working group. The Chairmen's ad hoc group, said Mr. Stewart, would have its report ready by Friday evening.

Group 4A would await the return to Geneva of its Chairman, Mr. Loyen.

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Examination of the report of Working Group 4F on the use of footnotes introduced by its Chairman Mr. S. Gejer, immediately revealed that the problem was one of great importance. The delegate of France, Mr. André Henry, stressed that a confusion might arise unless the difference between "addition" and "substitution" was clearly brought out. The delegates of Switzerland, Belgium and Canada endorsed that view.

Mr. MacIntosh (United States) suggested that the proposal of Group 4F should be adopted forthwith so as to avoid delaying the Conference's work.

The delegates of Switzerland, Brazil, India and Mexico, also felt that an immediate decision was called for. In fact, working groups 4B under the chairmanship of Mr. Sastry and 4E presided over by Colonel Braga, had been forced to slow down their progress because they did not have at

their disposal the necessary information concerning the footnotes. The members of Colonel Braga's group, despite the fact that they had given up their coffee or tea break, had not been able to solve certain problems because they did not know what line to follow with regard to the footnotes.

Mr. Gejer, after a break in the meeting which, though long, seems to have been completely useless, proposed that the Working Group's text on the footnotes should be accepted in principle to enable the various groups to get on with their work.

A very long discussion ensued. Sometimes it was amusing but it was very confused. The uninitiated would have thought it quite clear that everyone basically agreed, but a debate of two and a half hours, with half a dozen proposals, counter-proposals and amendments, was required before full unanimity was reached as the night was falling.

The delegate of France, Mr. Henry, said that you cannot understand a text until you know how to apply it. The Group's proposals should, as it were, be capable of continuous application and should act as a kind of application exercise for the various working groups.

Mr. Bouchier (Belgium) said that the footnotes were not mere remarks.

Mr. Popovic (Yugoslavia) explained that they were actually definitions of categories. Mr. Gracie, Vice-Chairman of the I.F.R.B., then proposed that the text be amended to add "or replacement" to "additional".

Mr. Ashot Badalov, of the U.S.S.R., pointed out that the proposed text was only a working document for temporary use and that the Committee could always take the matter up again. Dr. Sarwate (India) had already drawn attention to this.

Mr. Krasnosselski (U.S.S.R.) said that the proposal before the Committee was the outcome of much work and that the Gracie amendment could be accepted, but that the effect of adopting the proposal of the Federal German Republic would be to absorb the additional services mentioned under category c) into category b).

The delegate of Canada observed that it is perhaps wiser to wait until you can afford a whole cake than to buy a slice.

Colonel Braga and Mr. Sastry again stressed the fact that a decision on definitions was required. If it were not taken, there would be considerable harmful delay in the work of the Conference.

Lastly, the Chairman said that there were no more objections. The Committee unanimously decided to approve the text prepared by Working Group 4F, on the understanding that it could be amended in the light of the subsequent findings of the various working groups.

Thus it would seem that, like the famous Versailles Treaty, the text of Working Group 4F is, as it were, a "continuous creation."

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# THE MORNING ELECTRON

Vol. 1 - No. 26

G E N E V A

Monday, 21 September 1959

Published throughout the  
I.T.U. Conferences

## AGENDA

Monday, 21 September 1959

9.30 a.m.	Sub-Working Group 4B3	Room E - Bâtiment Electoral
9.30 a.m.	Sub-Working Group 4D1	Room I - Bâtiment Electoral
9.30 a.m.	Working Group 4G	Room A - Bâtiment Electoral
9.30 a.m.	Working Group 5A	Room F - Bâtiment Electoral
9.30 a.m.	Sub-Working Group 6A5	Room G - Bâtiment Electoral
9.30 a.m.	Sub-Working Group 6B3	Room H - Bâtiment Electoral
9.30 a.m.	Sub-Committee 7A	Room D - Palais des Expositions
12.30 p.m.	Sub-Working Group Region 1 4403	Office 115 - Bâtiment Electoral
12.30 p.m.	Sub-Working Group Region 3 4D3	Office 113 - Bâtiment Electoral
3 p.m.	Working Group 3B	Room F - Bâtiment Electoral
3 p.m.	Working Group 4E	Room E - Bâtiment Electoral
3 p.m.	Sub-Working Group 5B5	Room A - Bâtiment Electoral
3 p.m.	Sub-Working Group 6C	Room C - Palais des Expositions
3 p.m.	Working Group 7B3	Room I - Bâtiment Electoral
3 p.m.	Working Group 7C2	Room D - Palais des Expositions

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COMMITTEE 2

CREDENTIALS

"Not unless I saw them sealed and approved  
would I put any faith or trust in them."  
Froissart

On Friday morning Committee 2 (Chairman - Mr. Nicotera, Italy) examined the report which is to be submitted to the Plenary Assembly.

In the course of the discussion the Delegate of the United States proposed that no decision should be taken with regard to the credentials of the Hungarian People's Republic. This proposal by the United States delegation, which was supported by the Australian and Argentine delegations, was made because on several occasions since 1956 the General Assembly of the United Nations has decided against taking a decision with regard to the credentials of the representatives of the Hungarian People's Republic. The Delegate of the United States was careful to point out that this would in no way prevent the Hungarian delegation from taking part in the Conference and voting therein.

The Delegate of Hungary thereupon stated that it was not for an administrative conference like the Geneva Conference to deal with this question: the Hungarian People's Republic appeared in Document 3 which contained the list of countries invited to take part in the Conference; in the present case there were not several governments claiming to represent Hungary, which for a long time had been a member of the I.T.U.; Committee 2 should only deal with the examination of credentials; finally, the United States proposal represented an intervention into a country's domestic affairs and was a sign of the cold war. The Hungarian delegation also stated that two delegates of the Hungarian People's Republic had taken part in the work of the C.C.I.T.U. in 1958 and on that occasion there had been no doubt as to the validity of their credentials.

The Delegate of the U.S.S.R. was amazed that a question of this kind was put in such a way and stated that the proposal formed part of a campaign of provocation and libel and interference in the affairs of Hungary. He was vigorously opposed to this discussion which had been brought up by artificial means and which would only serve to undermine the spirit of cooperation (which had prevailed up to that point) in the course of the important technical work which remained to be carried out. After the Delegate of the Argentine Republic had induced the Committee to close the discussion, the Chairman proceeded to take a roll-call vote. The United States proposal was adopted by 20 votes to 4 with one abstention.

COMMITTEE 6

CO-EXISTENCE IN COMMITTEE 6

(Technical Committee)

In Friday's meeting of this Committee, the much discussed merits of Hertz versus cycles/sec. ended in a decision in favour of co-existence. Hertz will reign in French documents, while cycles/sec. will remain undisturbed in English documents. The strong partisans of either side were enthusiastic but the I.F.R.B sought wisdom in neutrality. The Spanish-speaking delegations had individual preferences, so the Spanish documents will contain a note that Hertz and cycles/sec. are one and the same thing.

The Committee approved the decisions prepared for such mysterious things as "radio dissemination service". Simple arithmetic was used to solve the mystery. The Committee decided that "radio dissemination service" = "radio navigation service" plus "radio location service".

Some delegations, such as the U.S.S.R. and Byelorussia, wanted to know exact details of such a mysterious service, and the necessity for allocation of frequencies to it. Since it is the responsibility of other committees to look into such details, it was decided to accord preliminary approval at this stage, and forward the definitions to the Drafting Committee.

RADIO ASTRONOMY: A WINDOW ON THE UNIVERSE (4)

by Professor J.H. Oort

The strong source in Virgo shows some similarity to the Crab nebula. In the optical picture we see a stretch of luminous matter. Like the amorphous part of the Crab nebula this has a continuous spectrum and its light is linearly polarized. This jet of light is situated near the centre of another galaxy, usually referred to by the name "Messier 87", at a distance of about 50 million light-years, i.e., about ten thousand times farther than the Crab nebula. The jet is very much larger than the Crab nebula and is likely to have a mass of at least a million times that of the Sun. We do not know for certain that it is the result of an explosion, as we have never seen a mass of this order explode, but this seems, so far, the most plausible inference one can draw from the observed phenomena. Like in the case of the Crab nebula "Messier 87" is also a strong source of radio emission, intrinsically even very much stronger than the Crab nebula. So far, it is a unique object. We do not know any other of this kind.

But there are in the universe sources of radio emission of still greater intensity. These are not associated with explosive phenomena but with collisions of entire galaxies.

The galaxies, those swarms of stars containing up to a thousand billion  $10^{12}$  suns, might be considered as the ultimate bricks from which the universe is built. The universe is built in such a way that the bricks - which, by the way, are moving around more or less freely - can, and do now and then collide with each other. As the bricks consist largely of suns separated by distances that are millions of times their own diameters, the major parts of the galaxies are almost uninfluenced by such a collision. They pass freely one through the other and emerge quite undamaged. However, a small fraction of each galaxy consists of interstellar gas clouds. It is these which really collide. As a rule, the probability that stars would collide is entirely negligible. The relative velocities of colliding galaxies are high - of the order of several thousands of kilometers per second. The effects on the gas clouds are accordingly rather violent. In some way they seem again to lead to the production of protons and electrons with extremely high energies and perhaps also to an intensification of the magnetic field in the galaxies concerned. In any case the observable result is that the radio-frequency radiation is enhanced over that emitted by normal galaxies by factors which may become as high as a million. It should be noted that, because of the great size of the galaxies, a collision between galaxies bears no resemblance to an automobile crash, which is over

in a second, but it lasts a million years or more. They are, therefore, not so ephemeral and so exceptional as one might be inclined to think at first sight.

Only a few of the thousands of the known discrete radio sources have yet been definitely identified with objects that can be observed optically and can thus be identified. The ones that have been so identified and that do not belong to our own galaxy are all but one connected with galaxies that are clearly involved in some sort of collision. Let us take two examples: First, an ordinary "cluster" of galaxies, the Corona Borealis cluster. Second, the colliding galaxies in Perseus and those in Cygnus; the latter are the radio source Cygnus A. The last slide looks very uninteresting, but it shows one of the most interesting objects in the sky. Partly just because it is so inconspicuous. This means that it is at an enormous distance nearly a thousand million light-years. I hesitate to mention this figure because you have already heard so many large figures tonight that you may no longer be much impressed by a still larger one. One might well imagine that one could endlessly continue in this way. But the interesting thing is that this does not seem to be so. At about ten times the distance of the Cygnus source we seem to run into a part of the world when things become radically different, or, as we might very hypothetically put it: where we approach the limit of the universe. It is, of course, an unusual kind of limit. It is a limit in time as well as in space. The light from these farthest galaxies has left them some 10,000 million years ago. There are reasons to suppose that this was near the time when these galaxies, and with them the entire universe, came into existence. With optical means these ten times larger distances cannot yet be attained. The galaxies at these distances are drowned in the general light of the night sky.

Our hope is that the further evolution of radio astronomy may contribute in an important way to penetrate into these ultimate problems. The Cygnus A radio source is almost the strongest radio source in the sky. Even with present radio-astronomical equipment it is possible to observe sources of the same intrinsic strength which would be 10 or 20 times further away, and which would, therefore, be approaching the distances that are crucial for all theories on the universe.

What has been done so far is only a first beginning. There can be no doubt that with the development of new instrumentation which is now taking place at a rapid rate, more important discoveries will be added. It may, in particular, be hoped that future observations will bring us closer to the answer to the ultimate question about the actual size of the universe and about its earliest history.

If this will ever be achieved it will be achieved through a combination of optical and radiomethods. For the optical observatories the greatest possible darkness of the sky is a prerequisite. The work at

radiofrequencies needs a noiseless atmosphere. The importance of extreme darkness for the optical observatories may be illustrated by the case of the Mt Wilson Observatory. This very large observatory is built on a mountain top in Southern California. Though situated at an altitude of nearly 6,000 feet, the dispersion of the light of the cities at the foot of the mountain range by the entirely clear atmosphere above the observatory is sufficient to prevent all observations of really faint objects such as must be observed to penetrate into the greatest distances in the universe. Such observations are now made from Mt Palomar which is situated at a large distance from important cities.

There can be no doubt that noiselessness is as essential for the further development of radio astronomy as darkness is for classical astronomy. But in most parts of the world such noiselessness cannot be obtained by going away from the main centres of noise. And more and more this noise will go around the whole world. It may well be that the necessary silence can only be obtained by a general international agreement to keep certain wavelength regions free from man-made signals.

In order to go forward we need absolute quiet, but only in a few narrow channels. Unfortunately, the wavelength regions most important to astronomy lie particularly in the region between 100 and 800 Mc/s, which is being sought and fought for by so many services and commercial interests that it appears extremely difficult to spare the three narrow channels needed for astronomy. It would be a great pity and, in my opinion, not to the benefit of man if the progress of a science were strangled by too great an emphasis on the interests that want to reserve this whole region for practical purposes. The future of a very important part of astronomy depends, in a large degree, on whether it will be possible for the I.T.U. Geneva Conference to keep a radiowindow on the universe clear from human interference.

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# THE MORNING ELECTRON

Vol. 1 - No. 27

G E N E V A

Tuesday, 22 September 1959

Published throughout the  
I.T.U. Conferences

## AGENDA

Tuesday, 22 September 1959

9.30 a.m.	Sub-Committee 3A	Room F - Bâtiment Electoral
9.30 a.m.	Sub-Committee 4B	Room E - Bâtiment Electoral
9.30 a.m.	Sub-Committee 5A	Room A - Bâtiment Electoral
9.30 a.m.	Sub-Committee 6A	Room C - Palais des Expositions
9.30 a.m.	Working Group 7D1	Room H - Bâtiment Electoral
9.30 a.m.	Working Group 7B2	Room I - Bâtiment Electoral
9.30 a.m.	Working Group 7B4	Room G - Bâtiment Electoral
12.30 p.m.	Working Party 4B3/1	Room K - Bâtiment Electoral
3 p.m.	Working Group 4D2	Room I - Bâtiment Electoral
3 p.m.	Working Group 5B4	Room A - Bâtiment Electoral
3 p.m.	Region 1 Meeting 5B1	Room F - Bâtiment Electoral
3 p.m.	Region 2 Meeting 5B1	Room H - Bâtiment Electoral
3 p.m.	Region 3 Meeting 5B1	Room K - Bâtiment Electoral
3 p.m.	Working Group 6B1	Office 113 - Bâtiment Electoral
3 p.m.	Working Group 6A4	Room G - Bâtiment Electoral
3 p.m.	Sub-Committee 7B	Room D - Palais des Expositions

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SPACE COMMUNICATIONS

Remarks of Mr. Andrew C. Haley, Retiring President of the International Astronautical Federation and General Counsel of that Federation, before the Delegates to the Radio Administrative Conference of the International Telecommunication Union.

The problem of providing radio spectrum space for astronautical communications and research is indeed complex and must be handled in the highest tradition of statesmanship. Conflicting views of States must be reconciled and these are all matters well beyond the competence of the I.A.F. as a trusted Observer of this great Union. We repeat, we endorse the proposals of the United States delegation, because these proposals are of the most complete and the most satisfactory, and we earnestly hope that the very sincere differences of opinion which may arise will be satisfactorily adjusted.

We believe it is almost certain that other nations in time will come forward with additional proposals, but it is obvious that at this time we can only express an opinion about the proposals which are pending.

Turning now to history and background, it is most satisfactory to recall that the American Rocket Society, of which I was Chairman of the I.A.F. delegation, in 1951, discussed the necessity for space communications and radio research in outer space. Since then I have written literally dozens of articles which have appeared in publications of Eastern and Western European countries and in technical journals published in North and South America and in Asia, concerning the problems of space communications. Since 1952 I have emphasized the problems of using radio for guidance, tracking and for radiocommunications from earth to vehicle in space, vehicle in space to earth, earth to natural objects in space and from natural object in space to earth, and for all forms of mobile communications to and from objects in outer space. I have published article upon article on the problems of astronautical radiolocation, of astronautical telemetry and television, and so forth. On the occasion of three international conferences, in Barcelona, Amsterdam and London, I have spoken upon the need of the allocation of radio frequencies for these purposes. On the problems of "command", on the removal of space satellites through radio command, on the problems of re-entry and recovery of space vehicles, on the problems of return of equipment, and identification of origin of space vehicles and equipment.

I.A.F. initiated its program for the development of a plan to control the use of radio in outer space with a formal proposal to the I.T.U. dated 16 April, 1956. The I.A.F. urged that working arrangements

be set up between the I.A.F. and the I.T.U. "looking toward the optimum plan for allocation of frequencies in the radio spectrum for . . . communications in outer space."

On 11 June, 1956, the Secretary-General of I.T.U. advised the I.A.F. that the Union viewed the matters raised by the I.A.F. as appropriate for the administration of individual member nations.

Thereafter the I.A.F. renewed its proposals - both in presentation to the I.T.U. itself and in proposals to the constituent organizations of the I.T.U. The first of the latter category to which a formal proposal was made was the C.C.I.R.

I.A.F. on 3 September, 1956, submitted to the C.C.I.R. a proposal that the C.C.I.R. establish a new Study Group for extra-terrestrial communications. In this proposal the I.A.F. reviewed the progress up to that time in earth orbital satellite programmes, and in the development of Cislunar and Circumlunar space vehicles. In the I.A.F. proposal the importance of radio communications and guidance in such space flight activities was also discussed.

The I.A.F. document thereupon concluded with the statement that the C.C.I.R. is the only international body authorized to study the subjects of communications and guidance in extra-terrestrial projects. The I.A.F. urged that such a study be completed and a report rendered in time for presentation to the International Radio Conference of 1959 (Administrative Radio Conference, International Telecommunication Union, Geneva, 1959).

The C.C.I.R. at its Thirteenth Plenary Meeting, Warsaw, 13 September, 1956, responded officially to the I.A.F. proposal by causing its Director to suggest that the I.A.F. apply for membership in the C.C.I.R. The C.C.I.R. Director did so, and suggested further to the I.A.F. that it choose from among the list of then-existing C.C.I.R. Study Groups the Study Groups in which the I.A.F. would desire to participate.

The I.A.F.'s application for association with the I.T.U. was filed on 10 May, 1957. The I.A.F. pointed out its interest in participating in all conferences related to the study of radio requirements and the allocation of frequencies to various activities in space.

The Administrative Council of the I.T.U. at its May 1957 session voted to include the International Astronautical Federation in the list of international organizations to be notified of the 1959 Radio Conference and to be allowed to participate therein.

A letter was sent by the I.A.F. to the C.C.I.R. on 7 August, 1959, stating that the I.A.F. was seeking "intelligent studies of the technical aspects of radio communication under operating conditions in space flight".

The C.C.I.R. responded to the I.A.F.'s letter by noting that the I.A.F. was admitted to participate as an international organization in the work of the I.T.U.

Thereafter on 30 December 1957, the I.A.F. renewed its proposal that the C.C.I.R. set up a Space Communications Study Group. The I.A.F. also supplied the C.C.I.R. with copies of the American Rocket Society's Appearance and Comments in the Federal Communications Commission's inquiry into radio allocations between 25 Mc/s and 890 Mc/s. (The American Rocket Society is a member of the International Astronautical Federation).

On 12 April 1958, the I.A.F. advised the C.C.I.R. of its intention and desire to participate in two of the then-existing study groups of the C.C.I.R. which were most closely connected with the subject of radio communications in space. Thereafter, the I.A.F. was formally advised by the C.C.I.R. on 18 April 1958 that the I.A.F. would be allowed to participate in C.C.I.R. Study Groups VI (Ionospheric Propagation) and XI (Television).

In May and June 1958 as the I.A.F.'s representative I actively participated in the sessions of C.C.I.R. Study Group XI meeting in Moscow. Study Group XI concerns itself with the subject of television, and a specific Study Question on the agenda was related to television transmission over extremely long distances.

Accordingly, there were submitted for the consideration of Study Group XI three draft Study Questions and a proposed addition to Study Programme No. 32 (XI) of the C.C.I.R. to deal with general requirements for a 405 line 2000 kc/s video band system.

The draft Study Questions were as follows:

1. What practicable measures can be taken to provide for the transmission of television signals in connection with activities in astronautics?
2. How can the various uses of such transmission of television signals be categorized?
3. What are the requirements as to definition, frame rate, field rate and other parameters for signals for the various categories of use?
4. How can a standardization be affected which will promote the best international usage of such signals and the most efficient and useful employment of communications, telemetry and guidance by means of such signals?
5. What are the characteristics of the signal, circuitry and propagation paths that must be considered, what are their recommended values and what tolerances must be imposed in order to ensure satisfactory transmission;

6. How do these characteristics and their values and tolerances differ as between the requirements for the transmission of monochrome signals and color signals;

7. What methods of measurement and what test signals can be recommended for checking these characteristics?"

Study Group VI of the C.C.I.R. met at Geneva in July and August of 1958. The I.A.F. submitted a lengthy proposal for consideration at the sessions of Study Group VI. The I.A.F. proposal was twofold: First, a study of technical requirements was outlined and included the following subjects:

1. What frequencies are specially suitable for penetration of the layers of the earth's atmosphere;

2. What are the influences on these frequencies of the hour of the day, the season, the geographical location and solar activity;

3. What deviation in propagation direction can be expected by the penetration of the ionosphere;

4. What, if any, will be the differences in propagation between in-going and out-going signals relative to the earth;

5. Are special phenomena to be expected that do not occur in transmission between two points on earth;

6. What is the possible influence of the troposphere on wave propagation to and from extraterrestrial objects?

Second, a thorough review of the then - known frequency allocation needs of astronautical radio services was submitted by the I.A.F. Each of the portions of the radio spectrum was analyzed both as to manner in which it was essential to astronautical radio service and also as to the effects of any re-allocations on existing users.

The Ballad of the Wave

The author of this poem, a Spaniard of  
great talent, wishes to remain anonymous,  
out of sheer modesty

\*\*\*

The Wave arrived in the Conference hall,  
Her azimuth covered in scent,  
And the Conference looked at her through the wall  
(The Conference wasn't a gent).

The Wave displayed her angular curves  
And wagged her slippery arms.  
In an atmosphere tense with overwrought nerves  
She flourished her flickering charms.

"Fly, fly, little wave! Oh, little wave, flee!  
They're coming from eighty-odd nations  
To turn your heart to a frequency  
And tie you all up to their stations!"

"Oh, Conference, please, allow me to dance.  
If I fall into delegates' hands,  
I simply won't have the ghost of a chance.  
They'll stick me on one of their bands!"

"Fly, fly, little wave! Oh, little wave, flee!  
I hear the delegates' chant!"  
"Conference, Conference, let me be.  
I've told you already you can't."

The Chairman arrived in the Conference hall,  
Waving his side-bands about.  
The Frequency Board was there and all,  
With their wave-lengths inside out.

\*\*\*

The delegates came in two by two,  
with murder in their eye.  
The spectrum once they'd already been through -  
"Our frequencies or die!"

Its circuits forked, Sub-Group A1  
Began to try and sing.  
The little Wave flew up to the sun  
With the I.T.U. on a string.

The delegates down in the Conference shed  
Dissolved into floods of tears,  
While the little Wave looked down and said,  
"I've not laughed as much for years."

(Translation)

WORKING GROUP 5A

THE LIST

Working Group 5A, with Mr. George Searle (New Zealand) as Chairman, has now begun its very difficult task. Yesterday morning, Mr. Krasnosselski (U.S.S.R.) explained his delegation's point of view in regard to the establishment of an International Frequency List. The U.S.S.R. proposals on this subject had already been explained in Committee 5 during the general discussion. The representative of the U.S.S.R., having explained once more the reasons for his country's proposals (Nos. 1258, 3202, 2684, 3831, 3833, 3844, 3848, 3874, 3876, 3891, 3892), nevertheless replied in detail to the questions put to him by the delegates of Portugal, France, Malaya, the United Kingdom of Great Britain and Northern Ireland, Spain, Mexico, Colombia, the Federal German Republic, Paraguay, Czechoslovakia, and Pakistan.

CORRIGENDUM

On page 4 of the Morning Electron of Monday, 21 September, paragraph 2, for "radio dissemination service", read "radio determination service".



# THE MORNING ELECTRON

Vol. I - No. 28

G E N E V A

Wednesday, 23 September, 1959.

Published throughout the

I.T.U. Conferences

## A G E N D A

Wednesday, 23 September, 1959

9.30 a.m.	Working Group 4 B 4	Room A Bâtiment Electoral
9.30 a.m.	Sub-Committee 4 G	Room E Bâtiment Electoral
9.30 a.m.	Sub-Committee 5 A	Room F Bâtiment Electoral
	Sub-Committee 4 F (CANCELLED)	
9.30 a.m.	Working Group 6 B 2	Room K Bâtiment Electoral
9.30 a.m.	Working Group 6 C 4	Office 115 Bâtiment Electoral
9.30 a.m.	Sub-Committee 7 A	Room D Palais des Exposition
3 p.m.	Plenary Meeting	Room A Bâtiment Electoral
	Working Group 4 D 1 (After the Plenary)	Room I Bâtiment Electoral
9 p.m.	Sub-Working Group 5 A 1	Room I Bâtiment Electoral

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SPACE COMMUNICATIONS - (2)  
(continued)

Following the Geneva meeting of the I.R.C.C. Study Group, the I.A.F. commenced its preparation for two major conferences scheduled to be held in 1959. These were (a) the Ninth Plenary Assembly of the International Radio Consultative Committee, April, 1959, at Los Angeles, California, and (b) the Administrative Radio Conference, August to December, 1959, at Geneva.

As background for the I.R.C.C. Plenary Assembly, the I.A.F. supplied to the more than 950 delegates from all participating nations copies of the Comments of the American Rocket Society prepared in anticipation of the Geneva Conference, and copies of the direct testimony of a score of technical experts given under the auspices of the American Rocket Society to the Federal Communications Commission of the United States of America in connection with the Commission's over-all frequency allocation hearing.

The Assembly proceeded to re-organize its Study Groups by merging Study Group IV (Ground Wave Propagation) into Study Group V (Tropospheric Propagation) so that the new Study Group V deals with Propagation, Including the Effects of the Earth and Troposphere.

The new Study Group IV (Space Systems) "was formed with the terms of reference: 'To study systems of telecommunications with and between locations in space'."

On July 14, 1959, in response to the I.A.F.'s request, the I.R.C.C. formally included the International Astronautical Federation as a participant in the new Study Group on Space Communications which had been established at the Ninth Plenary Assembly of the I.R.C.C. in Los Angeles, California, April 2 - 30, 1959. The I.A.F. thereupon proposed that a formal or informal meeting to discuss problems of space communications be held during the Administrative Radio Conference at Geneva.

In addition to its Observer status with the I.T.U., the I.A.F. also has full consultative status with the United Nations Educational Scientific and Cultural Organization (UNESCO). The I.A.F. has full consultative status with the Economic and Social Council of the United Nations (ECOSOC). The I.A.F. was officially described as a co-operating scientific organization in Part 2 of the Report of the United Nations Ad Hoc Committee on the Peaceful Uses of Outer Space. And it is pleasant to recall the unanimous adoption by the General Assembly of the International Council of Scientific Unions (I.C.S.U.) in October, 1958, of the Committee Report of Professor K.F. Ogorodnikov (Academy of Sciences of the U.S.S.R., Moscow). Professor John T. Wilson (President of

the Geodesy and Geophysics Union, University of Toronto, Canada), and Dr. Alan Shapley (U.S. Bureau of Standards), whereby I.C.S.U. expressed its awareness of the useful activities of the I.A.F. in furthering the science and technology of astronautics, and in which I.C.S.U. looks forward to the possibility of arranging in the future a more formal affiliation in matters of common concern.

The most brilliant stars in the diadem of the I.A.F. are its Member Societies, which include the greatest scientists working in the field of astronautics throughout the world, and I am indeed encouraged by the new applications which are being submitted, such as that of the Aerospace Medical Association.

At the recent London I.A.F. Congress, the following were some practical proposals for activation by the I.A.F. in the immediate future:

1. The creation of a Commission within the Academy of Astronautics of the I.A.F. composed of nine, more or less, competent scientists from throughout the world, for the purpose of formulating a highly inclusive programme to be followed through by an appropriate number of Working Groups (the membership of which need not come from the Academy), to process and adapt the scientific knowledge and inventions gained in the astronautic effort into applications of immediate benefit to mankind. For example, the "Man in Space" programme has resulted in the development of strains of algae to be used for food and for scavenging in a space vehicle, which may well have applications with respect to the fixation of nitrogen in the soil - or other very down-to-earth and direct benefits to agriculture. In connection with the astronautic effort tremendous work has been done in the field of solid physics and thermoelectricity. Such inventions might provide power for refrigeration in inaccessible torrid areas or for radio transmission and reception in distant Arctic areas.
2. There was also created a Commission within the Academy on the codification of the law of outer space. Such an activity by a non-governmental agency was advocated during the debates of the Legal Committee of the Ad Hoc Committee on the Peaceful Uses of Outer Space, as well as in the final Report of the Committee itself. Furthermore, such activity was recommended to be undertaken by a non-governmental group by the American Bar Association at its recent meeting in Miami. Such a Commission would require the elaboration of many Working Groups, as may be easily understood.
3. Finally, there was created a Commission within the Academy on the encouragement and co-ordination of astronautic research and development on continents and within nations and groups of people who do not have the resources to provide the facilities and hardware for complete systems of their own. Here again, many Working Groups would be organized to examine and report upon the multitude of opportunities that certainly exist. A starting point might well be made by providing for a carefully prepared agenda for a symposium on the space sciences to which the natural and social scientific community of South America would be invited. The foregoing is simply an example of an initial idea. The opportunities are immense.

And by using the term "immense opportunities" I am guilty of no over statement, as the rôle of the I.A.F. is necessarily more broad than that of any other nongovernmental international organization or federation in that all the natural and social sciences having to do with astronautics are included; and, furthermore, the purview of the I.A.F. encompasses all mankind and is unrestricted and is thereby more permeative than any of the governmental organizations, such as United Nations and UNESCO, because national boundaries and political barriers are completely unknown to the I.A.F. This complete fraternity is basic to the juridicial existence of the I.A.F.

(To be continued)

LIST OF PARTICIPANTS

A printed booklet of changes to the List of Participants will be distributed during the afternoon of 23 September.

This booklet replaces the last pages of Section 1 of the List. The pages following Section 1/90 Rev. 1 should therefore be removed, and the new pages put in their place.

The following changes have also recently been brought to the notice of the Secretariat:

Nominations and new arrivals

7. BELGIQUE  
BELGIUM  
BELGICA

Délégués / Delegates / Delegados

Mr. Gaston DE LAFONTEYNE and Mr. GEWILLIG  
are replaced until further notice by:

Mr. Robert SANDRONT	Hôtel Adriatica
Ingénieur, Chef de service	Rue Sautter 21
à l'Institut National Belge	Genève
de Radiodiffusion	T. 26 42 40

Mr. van DEENEN  
Ingénieur, Chef de service  
à l'Institut National Belge  
de Radiodiffusion

11. BRESIL  
BRAZIL  
BRASIL

Conseillers techniques / Technical advisers / Assesores tecnicos

Captain Geraldo DUPRAL RIBEIRO

Captain José GURJAO NETTO

14. CANADA  
CANADA

Délégués / Delegates / Delegados

Mr. K. B. RALPH

During his absence Mr. R. M. TAIT will be replaced by:

Mr. R. Harry JAY	Rte. de Malagnou 53
First Secretary of the	Genève
Canadian Permanent Mission	T. 36 50 86

30. ESPAGNE  
SPAIN  
ESPANA

Délégué / Delegate / Delegado

Sr. D. Antonio MARTORELL	Central Meublé
GONZALEZ-MADRONO	Rôtisserie 2
Ingeniero de Radiodifusion	Genève

31. ETATS-UNIS D'AMERIQUE  
UNITED STATES OF AMERICA  
ESTADOS UNIDOS DE AMERICA

Délégué / Delegate / Delegado

Mr. Edgar T. MARTIN	Hôtel d'Allèves
Voice of America Engineering	Passage Kléberg
Manager	Genève
United States Information	T. 32 15 30
Agency	

33. FINLANDE  
FINLAND  
FINLANDIA

Délégué / Delegate / Delegado

Mr. Kalevi Oskari AHTI	Hôtel Excelsior
Ingénieur	Rue Rousseau 34
Direction Générale des Postes	Genève
et Télégraphes	T. 26 09 45

73. PORTUGAL

Délégués / Delegates / Delegados

Mr. Henrique TORRES	Hôtel Cornavin
LEOTTE TAVARES	Place Cornavin
Chef de la Division des Studios	Genève
Emetteur National de	T. 32 66 60
Radiodiffusion	

73. PORTUGAL (suite)  
PORTUGAL (contd.)  
PORTUGAL (continuacion)

Mr. Domingos PIRES FRANCO  
Radio Engineer,  
Research Department  
National Broadcast Transmitter

Hôtel Cornavin  
Place Cornavin  
Genève  
T. 32 66 60

77. REPUBLIQUE FEDERALE D'ALLEMAGNE  
FEDERAL GERMAN REPUBLIC  
REPUBLICA FEDERAL ALEMANA

Conseillers / Advisers / Asesores

Mr. Wolfgang RAUTMANN

Hôtel Alba  
Rue Mont-Blanc 19  
Genève  
T. 32 67 07

Mr. W.E. STEIDLE

Hôtel La Résidence  
Rte de Florissant 11  
Genève  
T. 24 13 80

78. REPUBLIQUE FEDERATIVE POPULAIRE DE YUGOSLAVIE  
FEDERAL PEOPLE'S REPUBLIC OF YUGOSLAVIA  
REPUBLICA FEDERATIVA POPULAR DE YUGOESLAVIA

Délégué / Delegate / Delegado

Mr. Konstantin COMIC  
Ingénieur  
Chef de la section des télécommunications  
de la direction des radiocommunications

Hôtel Pacific  
Rue des Pâquis 44  
Genève  
T. 32 64 67

Expert / Consultant / Asesor

Mr. Miomir KOVACEVIC  
Ingénieur  
Conseiller de la Direction générale  
des P.T.T.

84. SUEDE  
SWEDEN  
SUECIA

Délégué / Delegate / Delegado

Mr. Gustaf ELMQUIST  
Divisional Director,  
Royal Board of Swedish Telecommunications

Hôtel Century  
Av. de Frontenex 24  
Genève  
T. 36 80 95

301. ORGANISATION DES NATIONS UNIES (O.N.U.)  
UNITED NATIONS ORGANIZATION (U.N.O.)  
ORGANIZACIÓN DE NACIONES UNIDAS (O.N.U.)

Observateur / Observer / Observador

Mr. Adrian DAVID  
European Office of the  
United Nations in Geneva  
(and Mrs)

5, Chemin Pré-Roset  
Genthod-Le-Haut

Change of address.

11. BRESIL  
BRAZIL  
BRASIL

Délégués / Delegates / Delegados

Colonel Gerardo de CAMPOS BRAGA  
(and Mrs)

Avenue de Champel 25 c  
Genève  
T. 36 22 82

Lieutenant Colonel Josemar da  
COSTA VALLIM  
(and Mrs)

Avenue de Champel 25 c  
App. 9  
Genève

Captain Carlos Ernesto MESIANO  
(and Mrs)

Avenue de Champel 25 c  
App. 6  
Genève

31. ETATS-UNIS D'AMERIQUE  
UNITED STATES OF AMERICA  
ESTADOS UNIDAS DE AMERICA

Délégué / Delegate / Delegado

Lieutenant John C. FUECHSEL

Hôtel Gilliéron  
Genève - Vésenaz  
T. 52 17 67

34. FRANCE  
FRANCIA

Délégué / Delegate / Delegado

Mr. Jean HAMON

Chez Mme Chanson  
Rue Sismondi 3  
Genève  
T. 32 48 49

50. JAPON  
JAPAN  
JAPON

Délégué / Delegate / Delegado

Mr. Shinichi HASE

Hôtel Atlantic  
Rue Vieux-Collège 5  
Genève  
T. 25 25 84

64. NORVÈGE  
NORWAY  
NORUEGA

Délégué / Delegate / Delegado

Mr. J. DAHLIN  
(and Mrs)

Hôtel Century  
Av. de Frontenex 24  
Genève  
T. 36 80 95

65. NOUVELLE -ZÉLANDE  
NEW ZEALAND  
NUEVA ZELANDIA

Chef de la délégation / Leader of the Delegation  
Jefe de la Delegación

Mr. George SEARLE

Hôtel d'Angleterre  
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Genève  
T. 32 81 80

Chef adjoint de la délégation / Deputy Leader  
of the Delegation / Jefe adjunto de la delegación

Mr. Jack Milgrew POWER

Hôtel d'Angleterre  
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Genève  
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Délégués / Delegates / Delegados

Mr. Clarence Charles LANGDALE

Hôtel d'Angleterre  
Quai Mont-Blanc 17  
Genève  
T 32 81 80

Mr. Donald Leslie VAUGHAN

"

71. PHILIPPINES (République des)  
PHILIPPINES (Republic of the)  
FILIPINAS (República de)

Chef adjoint de la Délégation / Deputy Chief of  
the Delegation/ Jefe adjunto de la delegación

Mr. Guillermo CANON

Hôtel Mon Repos  
Rue de Lausanne 127  
Genève  
T. 32 85 47

Délégué / Delegate / Delegado

Sr. Don Francisco TRINIDAD

"

77. RÉPUBLIQUE FÉDÉRALE D'ALLEMAGNE  
FEDERAL GERMAN REPUBLIC  
REPÚBLICA FEDERAL ALEMANA

Conseillers / Advisers / Asesores

Mr. Rolf HARDER

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Genève  
T. 25 37 52

Mr. Heinz BARTH

"

84. SUÈDE  
SWEDEN  
SUECIA

Délégué / Delegate / Delegado

Mr. Per ÅKERLIND

Hôtel Century  
Av. Frontenex 24  
Genève  
T. 36 80 95

85. SUISSE (Confédération)  
SWISS CONFEDERATION  
SUIZA (Confederación)

Expert / Consultant / Asesor

Mr. Paul FARINE

Direction générale  
des P.T.T.  
Berne  
T. 031 - 62 25 18

Other information

32. ETHIOPIE  
ETHIOPIA  
ETIOPIA

Chef de la délégation / Head of the Delegation  
Jefe de la delegacion

After the name of Mr. Gabriel TEDROS add :

Manager, Transmission Department  
Imperial Board of Telecommunications

85. SUISSE (Confédération)  
SWISS CONFEDERATION  
SUIZA (Confederacion)

Délégué / Delegate / Delegado

Mr. Albert GULDIMANN

After the address, add : T. 8 73 56

WORKING GROUP 5A

In Working Group 5A, Mr. Krasnosselski answered questions concerning the U.S.S.R. proposals for the establishment of the international frequency list.

The Chairman, Mr. George Searle (New Zealand), summed up the task of the Working Group by listing the nine following points :

1. Procedure for establishing an international register
2. Action thereafter and arrangements
3. Notification
4. Examination
5. Action after examination
6. Recording
7. Revision of entries
8. Cancellation
9. Studies of the advice and recommendations by the central organization

A sub-Working Group was entrusted with the task of drafting.

The representatives of Cuba, Australia, India, China, Colombia, Ghana, Spain and Yugoslavia intervened in the discussion yesterday.

PLENIPOTENTIARY CONFERENCE

At present (22 September) we have received the names of the delegates of 52 Members and 1 Associate Member. The total number of participants for those countries is 194; 94 of those participants are attending at present the Administrative Radio Conference.

13 Members have indicated the approximate number of their representatives, their total number being 56.

2 Members said that they were going to participate in the Plenipotentiary Conference without, however, indicating the numbers of their delegates.

3 Members and 1 Associate Member stated that they did not intend to participate in the Plenipotentiary Conference.

26 Members and 3 Associate Members have not yet replied to the telegram of September 8.

TYPEWRITERS FOR DELEGATES

The attention of delegates is drawn to the fact that as of to-day, Wednesday, 23 September, the typewriters which were placed at their disposal in Rooms 111 and 112 are now available in Rooms 111 and 113.

In 5B/4 (Chairman Mr. Sven Gejer) it was decided that an ad hoc group will study the technical standards used by the I.F.R.B. in preparing its plans.



# THE MORNING ELECTRON

Vol. 1 - No. 29

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Published throughout the

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## A G E N D A

Thursday, 24 September, 1959

9 h. 30	Committee 4	Room A - <del>B</del> âtiment Electoral
9 h. 30	Sub-Committee 6C	Room C - Palais des Expositions
9 h. 30	Sub-Committee 7B	Room D - Palais des Expositions
12 h. 30	Working Party 4B3/1	Room K - Bâtiment Electoral
12 h. 30	Region 3 meeting	Office 115 - Bâtiment Electoral
15 h.	Sub-Committee 4C	Room B - Palais des Expositions
15 h.	Sub-Committee 4D	Room E - Bâtiment Electoral
15 h.	Working Group 5B3 (CANCELLED)	
15 h.	Committee 6	Room A - Bâtiment Electoral
15 h.	Working Group 7A1 (CANCELLED)	
15 h.	Sub-Committee 7D	Room D - Palais des Expositions
18 h.	Meeting of Chairmen	Room E - Bâtiment Electoral
20 h.	Committee 1	Room E - Bâtiment Electoral

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SPACE COMMUNICATIONS - (3)

by Andrew C. Haley

(End)

The following projects are for study with respect to feasibility, utility, practicability, and for reports on plain worthwhileness :

1. Terrestrial weather prediction - long - and short - range.
2. Agricultural research - new plant life - new ground hydroponics - as interrelated with terrestrial and space problems.
3. New use of terrestrial radio communication - active and passive links, point-to-point and broadcasting platforms.
4. Surveillance of remote areas of earth.
5. Servicing of terrestrial expeditions and ships with information and advice, from positions in space.
6. Space vacuum and uses.
7. High temperature and uses.
8. Low temperature and uses.
9. Radiation research - X-ray through infra-red radiation.
10. Storage of liquid gases and radicals in space platforms.
11. Maintenance of processes involving super conductors.
12. Manufacture in space of items requiring various gas atmospheres in special confinement.
13. Estimating the basic parameters for the production of small electronic parts.
14. Space medical research - weightlessness - heart studies and other organic studies.
15. Surgery conducted under special conditions obtaining only in space.
16. More advanced astronomical observation of use in astronautics.

17. Research in cosmic radiation as affecting space flight.
18. The Hazards and uses of meteoritic dust.
19. The geomagnetic field.
20. Dynamics of interplanetary plasma.
21. Transfer mechanism governing solar corpuscular radiation.
22. Mathematics - determination of one astronomical unit - more precise determination of earth's orbit -- distance to moon-metrology and standardization.
23. The mass of various bodies and positions in space, i.e. Venus.
24. Attenuation of radio frequencies in various atmospheres - Venus, Mars, etc.
25. Parameters of high energy fuels.
26. Rocket means of transportation - mail - freight - passenger.
27. Behaviour of nuclear and other substances in remote areas.
28. Source of new raw materials in space.
29. Development of new plastics.
30. Space mining.
31. Optimum location of equatorial launching base for use of all nations.
32. Multi-lingual uniform definition of all astronautics terms.
33. Description of the accomplishments in rocket research of Australia, Canada, France, Japan, U.S.S.R., United Kingdom and U.S.A.
34. Current account of the astronautic accomplishments, directly in the field of rocketry and space exploration or of supporting art and science of all countries of the world.
35. Optimum tracking sites for all known satellite programmes.

36. Optimum biological space experiments.
37. Contamination by atomic explorations or by release in any form of kinetic energy.
38. Problems of transmission of scientific information.
39. Telemetry techniques.
40. Optical tracking.
41. Radio frequency allocations for all aspects of space communications.
42. Long-range economic possibilities of space flight.
43. Interdisciplinary brain research.
44. Numerical processing of information and electronic computation.
45. An optimum programme with UNESCO.
46. An optimum programme with other international scientific unions.
47. The protection of aircraft from the operations of space-craft, and vice versa.
48. Organisation of the mutual exchange and dissemination of information on outer space research.
49. Coordination of national research programmes for the study of outer space, and the rendering of all possible assistance and help towards their realization.
50. Optimum plan to make available and to exploit the possibilities that exist for participation by nations at all levels of development, from supporting research or operation of tracking stations to launching small vehicles or joining with others in more advanced undertaking.
51. Conceivable living organizations outside the earth, either on the surface of other planets or elsewhere.
52. An optimum navigation satellite.
53. Optimum instrumentation for a communications satellite.
54. Optimum instrumentation for a space probe.
55. Registration of orbital elements.
56. Removal of spent satellites.

57. Re-entry and recovery of space vehicles.
58. Return of equipment.
59. Identification of origin.
60. International use of launching ranges.
61. Freedom of outer space for exploration and use.
62. Liability for injury or damage caused by space vehicles.
63. Re-entry and landing of space vehicles.
64. Where does outer space begin?
65. Protection of public health and safety.
66. Exploration of celestial bodies.

\*

\*      \*

#### TO THE MARINERS

Following the previous meeting of marine delegates, another meeting will be held at which it is hoped that Mr. Stenfert, President of C.I.R.M., will be present.

It is at the Hotel Metropole that the mainbrace will this time be duly spliced. There will also be some light refreshment.

The appointed time is 8.30 p.m. (20.30) today, Thursday, 24 September, and the meeting should be over by 10.30 p.m.

It is hoped that some of the delegates will indicate salient points needing some discussion and on which it is hoped the Mariners can express their views.

The Mariners are asked to kindly indicate to Mr. J.D. Parker, Box 402/1, if they can attend.

A PROVISIONAL BALANCE-SHEET

A SPECIAL GROUP FOR SPACE COMMUNICATIONS

The optimists had thought that the fourth plenary meeting would be short. Very much the contrary. The Conference began by taking note of the fact that the Colombian and Costa Rican Governments had deposited the instruments whereby they acceded to the Buenos Aires Convention. It then turned to the report submitted by Committee 2 (credentials).

Mr. Soebardo Djojoadhisoeerjo (Indonesia) observed that the final status of New Guinea had not been decided on. Hence he could accept no document which authorized the Netherlands to represent that territory.

The Delegate of the Netherlands said that as things were, his Government represented New Guinea.

Mr. Ashot Badalov (U.S.S.R.), Dr. Miroslav Joachim (Czechoslovakia), Mr. Ivan Trifonov (People's Republic of Bulgaria), and Mr. Marin Grigore (Roumanian People's Republic) once more raised the question of Chinese representation. The existing position complicated matters for the Conference and was gravely harmful to the prestige of the Union. The People's Republic of China represented some six hundred and fifty million souls and was alone able to implement the obligations set forth in the Convention and Regulations in any realistic way.

The Delegate of China retorted that the Delegation of the Union of Soviet Socialist Republics was indulging in political propaganda.

In connection with the decision to be taken about the credentials submitted by the Delegation of the Hungarian People's Republic, the Delegate of that country, repeating what he had said in committee, observed that the absurd decision not to take a decision was equivalent to a refusal to apply the Union's own regulations.

There ensued an exceedingly complicated legal argument, which it would tax the powers of a Queen's Counsel or a graduate of Harvard Law School to describe at all clearly.

Mr. Craven (United States) recalled the decisions constantly taken by the United Nations General Assembly at its ordinary sessions. Mr. Grigore (Roumanian People's Republic) proposed that the Hungarian Delegation be included in the list of duly accredited delegations provided with the requisite credentials. The Delegates of the People's Republic of Bulgaria, the People's Republic of Poland, the Ukrainian Soviet Socialist Republic, and the Union of Soviet Socialist Republics, together with Czechoslovakia, supported the Roumanian proposal and called for a ballot. Mr. Booth (United Kingdom of Great Britain and Northern Ireland) said his Delegation was exceedingly anxious to avoid any political discussion.

But due allowance had to be made for decisions taken by the United Nations General Assembly. And in any case, nobody was proposing to deprive the Hungarian People's Republic of its voice and vote.

Mr. Oswaldo de Miranda (Brazil), seconded by Mr. Santiago Quijano Caballero (Colombia) called for an end to the discussion.

In the end the Chairman proposed, and his decision was adopted by 44 votes to 8, with 7 abstentions, that there should be a ballot to decide whether or not the report by Committee 2 should be adopted. There were 40 votes for, 16 against, 12 abstentions, and one non-valid vote.

Mr. Carli (Argentina) proposed that delegations should be allowed until the last day of the Conference to submit credentials, whereupon Mr. Nicotera (Italy) inquired whether that meant the last hour, last minute, or last second before the Final Acts were signed. The Argentine proposal was adopted, and it was agreed that late credentials could be considered either by the Credentials Committee on the morning of the day of signature of the Final Acts or at the last plenary meeting of the Conference.

During these discussions, for purely technical reasons (and in the Electoral Building the atmosphere is a highly technical one) the Delegate of Guatemala repeatedly found himself offered the floor when he had not asked for it. For technical reasons too it was stiflingly hot in Room A, with the result that Mr. Booth (head of the Delegation of the United Kingdom of Great Britain and Northern Ireland) pleaded for consideration to be given to the ventilation problem, to help the work of the Conference.

Iraq was the only country left which had not submitted valid credentials. The Conference complied with its request and decided to include Iraq in the European Area, provided that entailed no review of the Copenhagen or Stockholm Plans at the Conference, and no overhaul of any regional plans (including maritime ones).

The Delegate of Spain felt that the Committee 4 text dealing with that matter should be referred to Committee 5, but the proposal was not seconded.

Mr. Henry (France), Chairman of Committee 8, explained how the new texts were drafted and assembled on pink and blue paper.

The Conference thereupon turned to the exceedingly important question of the peaceful use of outer space and to the report by the special United Nations Committee thereon.

This report did, in fact, note some of the decisions taken by the International Radio Consultative Committee at Los Angeles in April, and indicated that the Committee urgently invited the I.T.U. and the countries represented at the Administrative Radio Conference to allocate the desired frequencies to the space programmes with the bandwidths suited to the foreseeable needs of such programmes during the next three years.

The Chairman, Mr. Charles J. Acton, began by recalling that the report had not yet been considered by the General Assembly of the United Nations, that the Conference had before it several proposals concerning space research, and that it was also well aware of the trend of International Radio Consultative Committee studies of communications with and between space craft. He, therefore, proposed that the Conference should request the Secretary-General to transmit to the Secretary-General of the United Nations the necessary rectification of certain inaccuracies concerning the I.T.U. in the report, and that the Conference should approve the composition of a special group made up of the representatives of the Union of Soviet Socialist Republics, the United States of America, Czechoslovakia, the United Kingdom of Great Britain and Northern Ireland and France, with the Chairman of the Conference as Chairman of the group. The terms of reference of the special group would be as follows:

- a) to recommend to the Plenary Conference and to Committee 4, the parts of the radio spectrum where frequency allocations should be made for space research, on the basis of known requirements for the immediate future;
- b) to give an indication of the amount of spectrum space which should be allocated by Committee 4 in each part of the spectrum when that Committee was considering the question of what specific allocations should be included in the Table of Frequency Allocations for space research.

The Delegates of the United States, the U.S.S.R., Czechoslovakia and France said that they were prepared to take part. Mr. Badalov explained that his country, which had now launched into space Sputniks and satellites, and sent a rocket to the moon, and in doing all this had used a vast amount of scientific apparatus, was intensely interested in the problem of space research. Mr. Booth (United Kingdom), said that in his view it would in the very near future be necessary to revise even the present ideas on telecommunications. Mr. Henry (France) emphasized the need to work in that direction and to make plans at once, especially in view of the International Radio Consultative Committee's Plenary Assembly.

Mr. Pedersen (Denmark) pointed out that at the present stage of the Conference proposals were being made concerning communications with space and space research, as well as proposals to give legal status and protection to the uses actually being made of certain frequencies. In the United Nations report, only space research was dealt with and there seemed to be no mention of services of the future, such as television, for example. The United Nations report mentioned a time limit of three years, while

the Geneva Conference had to take decisions for the next six years. It would perhaps be found necessary subsequently to convene an extraordinary conference on space communications. The report also dealt with certain regulations and international co-operation services for the allocation of frequencies. Proposals on that subject were not before the Geneva Conference. In one part of the United Nations report, that devoted to legal problems, an analogy was drawn between events in the air and at sea on the one hand and in space on the other. There would be no doubt many difficulties there and it was, in fact, known that some problems of broadcasting at sea were difficult to solve.

It would, perhaps, be premature to try to go too fast.

Some questions would, however, have to be settled, which could not wait for six years. The creation of a special body to deal with this problem might be envisaged.

It was also decided yesterday that the COSPAR experts might be called in as advisers by the members of the special group on space research.

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# THE MORNING ELECTRON

Vol. 1 - No. 30

G E N E V A

Friday, 25 September, 1959

Published throughout the

I.T.U. Conferences

## A G E N D A

Friday, 25 September, 1959

9 h. 30	Sub-Committee 4B	Room E - Bâtiment Electoral
9 h. 30	Sub-Committee 4E	Room A - Bâtiment Electoral
9 h. 30	Sub-Committee 5A	Room F - Bâtiment Electoral
9 h. 30	Working Group 5B4 (ad hoc)	Room I - Bâtiment Electoral
9 h. 30	Working Group 6A7	Room G - Bâtiment Electoral
9 h. 30	Working Group 6C4	Office 115, Bâtiment Electoral
9 h. 30	Working Group 7A2	Room K - Bâtiment Electoral
9 h. 30	Sub-Committee 7B (ad hoc)	Room L - Bâtiment Electoral
9 h. 30	Sub-Committee 7C	Room D - Palais des Expositions
12 h. 30	Working Party 4B4/1	Office 112 - Bâtiment Electoral

## Region 3

15 h.	Committee 3	Room A - Bâtiment Electoral
15 h.	Working Group 4B4	Room E - Bâtiment Electoral
15 h.	Working Group 5B2	Room F - Bâtiment Electoral
15 h.	Working Group 5B4 (ad hoc)	Room I - Bâtiment Electoral
15 h.	Working Group 6A3	Room G - Bâtiment Electoral
15 h.	Working Group 6B3	Room H - Bâtiment Electoral
15 h.	Committee 7	Room D - Palais des Expositions
16 h. (after Committee 7)	Working Group 7B1	Room K - Bâtiment Electoral
(after Committee 7)	Working Group 7C2	Room D - Palais des Expositions

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CONCERT ON 28 OCTOBER 1959

The Geneva Municipal Council and Radio Geneva are organizing a concert for those attending the Administrative Radio and Plenipotentiary Conferences. The "Orchestre de la Suisse Romande" will be playing.

You will receive an invitation to which you will be asked to give a speedy reply so that the Secretariat of the Municipal Council may make seating arrangements and distribute tickets.

The concert will begin at half-past eight sharp, in the Victoria Hall, and since the proceedings will be broadcast, the doors will be shut at that time.

The conductor will be Mr. Enrique Jorda, and the soloist Mrs. France Clidat (pianoforte).

HONOUR WHERE HONOUR IS DUE

At the fourth Plenary Meeting of the Conference, the spokesmen of the Roumanian People's Republic and Brazil were respectively Mr. Bujor Ionita and General Olimpio Mourao Filho.

FIRST AMATEUR RADIO MEETING

September 16, 1959

Forty-two radio amateurs participating in the I.T.U. Conference gathered in Salle E last Wednesday, September 16th, to hear addresses by prominent members of the Conference and to discuss their problems.

After a hearty welcome by the President of the Swiss amateur society U.S.K.A., the Chairman of the Conference, Mr. Charles Acton, spoke to the assembly. Pointing out that amateur radio had always been known for friendly understanding and mutual cooperation, he observed that it was a pleasure to note amateurs in many committees and in high positions of the conference. Wishing everyone success, Mr. Acton asked the assembly to rise in a toast to the host society, U.S.K.A.

Mr. Gerald C. Gross, acting Secretary-General of the I.T.U., speaking next, proudly recalled that he himself had started his amateur career back in 1920. Joining in the good wishes expressed by Mr. Acton, he then proceeded with a brief outline of the situation of the International Amateur Radio Union (I.A.R.U.) within the framework of the I.T.U., from the first conferences up to the present date.

Speaking for I.A.R.U., Mr. A.L. Budlong, I.A.R.U. General Secretary, and Mr. H. Laett, Chairman of I. A.R.U. Region 1 Division, both pointed out that many difficult problems were to be solved and I.A.R.U., had, therefore, asked all its member societies to present their cases to their national administrations in good time for the conference.

Speaking on behalf of the I.A.R.U. observer team, Mr. O. Lührs then gave a brief survey of the various proposals concerning the amateur bands. A number of interesting suggestions and remarks were made in the following discussion, which had to be terminated because of the late hour at 20.00. The meeting was adjourned, therefore, until the next meeting which will be called in due time.

Present :

Charles J. Acton	VE 3 AC
Gerald C. Gross	HB 9 IA/W 3 GG
H. Laett	HB 9 GA
O. Lührs	DL 1 KV
A.H. Budlong	W 1 BUD
E. Beusch	HB 9 EL
F. Dubret	HB 9 PJ (ex F 9 DF)
D.A. Duthie	ZL 2 ASK
C.C. Langdale	ZL 2 CH
D.C. Vaughan	ZL 2 VA
P. Hewlett	ZL 1 MW
Kacffeli	HB 9 DD
A. Guldinmann	HB 9 DB

A. Prose Walker	W 4 CXA/W 2 BMX
A. Reid	VE 2 BE
A.G. Skrivseth	W 4 JDL
J.A. Russ	W 4 GO
M. Joachim	OK 1 WI
G. Joraschkewitz	HB 9 UD (ex DL 3 OC)
A. Freiburghaut	HE 9 RBE
J. Grange	HB 9 H2
G. Cauderay	HB 9 OG/
R. Brossa	HE 9 RMH (ex I 1 BAG)
Besson	HB 9 FF
R.P. Haviland	K 3 BGX
Ed. Maeder	HB 9 GM
W. Baumgarten	HB 9 SI/PA 9 BB/K 2 UN/2 C 6 UN
S. Chisholm	VE 3 ATU/G 3 GSK
J.F. Cartwright	VE 3 CDL (ex F 7 EP)
Morimoto	ex JIFT/J 2 IJ
Binz R.	DL 3 SO/HB 9 TBR
Kong P.H.	BVIPH (ex C 7 AA)
J. Huntoon	WLLVQ
J. Moyle	VK 2 JU
J.J. Malone	EI 4 N
A. Schaedlich	DL 1 XJ
G. Jacobs	W 3 ASK/W 2 PAJ
W. Menzel	ex DL 1 UR
A. Dominkus	OE 1 AD
J. Etulain	LU 3 AF
A. Darino	LU 6 AY
L'Evêque Ch.	HE 9 EHK

The I.A.R.U. observer team (Box 401/1) will be pleased to answer all questions regarding amateur radio.

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PROPOSAL 5514

The above proposal was sent to the Morning Electron direct. It does not come from outer space but from a very beautiful country, the country of the Towers of Silence, through caravan-mail, air mail and household delivery. As we feel that it might be of interest to some delegations, we hasten to publish it :

Article 5 - Allocation Table

The Administrative Radio Conference (Geneva), 1959,

noting

a) that the Atlantic City Radio Regulation No. 235 states :  
"In order to reduce the requirements for frequencies in this band (5,000 - 30,000 kc/s), and thus to prevent harmful interference to long distance radiocommunications, the administrations are encouraged to use every other means of Communication wherever practicable",

b) that there is an ever greater need for the conservation of the spectrum at the present time than at the time of the Atlantic City Conference,

considering

that the following other means of communications are available :

- a) Smoke signals
- b) Beating of drums
- c) Carrier pigeons
- d) Runners
- e) Aircraft,

recommends

that the Members and Associate Members of the Union be encouraged to conduct studies directed:

- a) At discovering materials capable of emitting smoke in highly pure and concentrated form,
- b) At evolving a breed of sheep for providing drum skins capable of emitting sounds of the highest quality, as regards loudness, pitch, quality and timber,

c) At breeding of pigeons in quickest possible way and strong enough to carry at least 60 W.P.M. (roughly 50 Bands).

calls upon the Members and Associate Members of the Union

a) to encourage holding of Olympic Games more frequently to promote production of fast runners to achieve the highest possible speed in the art of communications;

b) to utilize the modern high speed aircraft for this purpose to the utmost degree, specially to carry their own Arrival and Departure and Dep-Plan messages;

directs

that the Aircraft under the respective Registration of the Member Countries shall not cause harmful interference to the space Bands (strips) which may exclusively be allocated by Mr. Gunnar Pedersen for the Carrier Pigeons and the Signal Carrying Smoke.

THE TROPICS AND THE POLE

Committee 4, which met yesterday both morning and afternoon, heard the views of the delegates on the contents of Document No.270 and its two annexes: No. 1 recommends the elimination of amateur services in the band 7,100 - 7,300 kc/s in Regions 1 and 2 and the drawing up of a resolution to emphasize that the amateurs band 7,000 - 7,100 kc/s be out of bounds for any broadcasting services and that inter-regional amateur contacts should be restricted to this last-mentioned band. Annex 2 recommends that the part of Libya north of Parallel 30° North and the part of the U.S.S.R between the meridians 40° East and 80° E and the parallels 40° North and 43° North be also included in the tropical Zone.

The delegate of China voiced the apprehension that the tropical area would soon be extended to the polar region if this trend continued and on another occasion he wondered if the world would not be a better place without any high-frequency broadcasting.

While the U.S. delegation recommended adoption of the entire document, restricting any discussion on it to the plenary of the committee, the Indian delegate suggested that the report be left open for further discussion in sub-committees as necessary.

The Committee adjourned without a concrete decision and will probably meet again on Saturday morning to continue the discussion.

GOOD INTENTIONS AND CALM BEFORE THE STORM

Yesterday evening Chairmen and Vice-Chairmen reviewed the position. The general feeling is that the Conference will finish in good time, although only Mr. Mirza (Committee 6) and his Vice-Chairmen, Mr. Ehle (Committee 7), and Mr. Caruso (Sub-Committee 7B) showed real optimism.

A good many things were discussed. For example, the fifteen minutes' tea break which tended to become half an hour, the weariness that descended on a meeting during the third hour of its deliberations, especially when the ventilation was faulty, the part played by, and the importance of, "language groups", the fact that it was almost impossible to find extra interpreters in Geneva or even in Europe, the extra work on Saturday mornings, etc.

It was eventually decided that as soon as possible an attempt would be made to work (with simultaneous interpretation), from:

9 a.m. to 10.30 a.m.  
11 a.m. to 12.30 p.m.  
3 p.m. to 4.30 p.m.  
and 5 p.m. to 6.30 p.m.

In the meantime, translators, revisers, typists, secretaries, mimeograph operators and assemblers would continue, day and night, their endeavours to ensure that the Conference got its weekly ration of 750,000 pages in English, Spanish and French.



# THE MORNING ELECTRON

Vol. 1 - No. 31

G E N E V A

Saturday, 26 September, 1959  
Monday, 28 September, 1959

Published throughout the

I.T.U. Conferences

## A G E N D A

### Saturday, 26 September, 1959:

9 h. 30

Committee 4

Room A - Bâtiment Electoral

### Monday, 28 September, 1959 :

9 h.	Sub-Committee 4C	Room E - Bâtiment Electoral
9 h.	Working Group 4D1	Room I - Bâtiment Electoral
9 h.	Sub-Committee 5A	Room F - Bâtiment Electoral
9 h.	Working Group 6A2	Room G - Bâtiment Electoral
9 h.	Working Group 6A8	Room K - Bâtiment Electoral
9 h.	Working Group 6C4	Room L - Bâtiment Electoral
9 h.	Sub-Committee 7A	Room D - Palais des Expositions
15 h.	Working Group 4B4	Room E - Bâtiment Electoral
15 h.	Working Group 4E1	Room H - Bâtiment Electoral
15 h.	Sub-Committee 4F	Room A - Bâtiment Electoral
15 h.	Working Group 5B4	Room F - Bâtiment Electoral
15 h.	Working Group 6A3	Room G - Bâtiment Electoral
15 h.	Working Group 6B3	Room I - Bâtiment Electoral
15 h.	Working Group 7A2	Room 115 - Bâtiment Electoral
15 h.	Working Group 7B1	Room L - Bâtiment Electoral
15 h.	Working Groups 7B2 and 7B5	Room K - Bâtiment Electoral

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THE NUMBER THIRTEEN

Some there are (notably those interested in astrology) who view the number thirteen with superstitious awe. Hence this Thursday, 24 September 1959, it might well have been expected that something strange would happen when Committee 6 came to discuss Article 13 of the Radio Regulations. Not a bit of it. The article was polished off in no time at all. The Committee remained master of its fate. But the Delegate of Portugal, during the discussion, foreseeing the future, declared that it would be impossible to obtain powerful, silent radar stations which would reveal their identity. Let us, therefore, trust that such flighty radar stations will refrain from intervening in human affairs through the medium of radio, taking advantage of the number thirteen.

Committee 6 adopted twenty-seven technical decisions, thus trying to set up proper standards to govern the behaviour of radio waves. It did not shrink from using stern language in condemning illegitimate uses of radio. "Spurious" and "parasitic" were adjectives frequently employed during the discussion. The Delegate of the Republic of India thought that the word "visual" in telecommunication definitions was quite out of date.

REGISTRATION OF PERSONS  
ATTENDING THE PLENIPOTENTIARY CONFERENCE

It would make for easier and speedier registration if the delegates to the Administrative Radio Conference who will also be delegates to the Plenipotentiary Conference would register with all possible despatch, after Monday, 28 September 1959. They should report to Mrs. Pauli at the registration, reception, and information desk.

LIST OF PARTICIPANTS

Changes of Address

5. AUSTRALIE (Fédération de l')  
AUSTRALIA (Commonwealth of)  
AUSTRALIA (Federación de)

Délégué/ Delegate/ Delegado

Mr. Henry Alphonsus de DASSEL  
(with Mrs. and Miss)

Rue du Vieux-Collège 12  
Geneva  
T. 25 74 06

12. BULGARIE (République populaire de)  
BULGARIA (People's Republic of)  
BULGARIA (República Popular de)

Chef de la délégation  
Head of the Delegation  
Jefe de la delegación

Mr. Ivan Marko TRIFOROV

Grand-Rue 10  
Geneva  
T. 25 59 96

Délégué/ Delegate/ Delegado

M. Jivro Krastev STOYANOV

Grand-Rue 10  
Geneva  
T. 25 59 96

31. ÉTATS-UNIS D'AMÉRIQUE  
UNITED STATES OF AMERICA  
ESTADOS UNIDOS DE AMÉRICA

Délégués/ Delegates/ Delegados

Captain Garret van A. GRAVES  
(and Mrs. and Mrs. G. Graves)  
(mother)

Rte. de Florissant 19  
Geneva  
T. 25 15 84

Mr. William B. HAWTHORNE  
Chief, Frequency Management  
Staff Division  
Federal Aviation Agency  
(with Mrs. and son)

Hotel Century  
Av. de Frontenex 24  
Geneva  
T. 36 80 95

UNITED STATES OF AMERICA  
Délégués / Delegates / Delegados / (continued)

Mr. Charles H. OWSLEY  
Deputy U.S. Representative to  
International Organizations in  
Geneva  
(and Mrs.)

Avenue Pierre Odier 23  
Geneva  
T. 36 18 08

32. ETHIOPIE  
ETHIOPIA  
ETIOPIA

Chef de la délégation  
Head of the Delegation  
Jefe de la delegación

Mr. Gabriel TEDROS

T. 26 09 96

73. PORTUGAL

Délégués / Delegates / Delegados

Mr. Mário José  
Ferreira da COSTA JARDIM  
(with Mrs. and Miss)

Rue Luis Favre 6  
Geneva  
T. 34 28 43

Colonel Manuel Norton BRANDÃO  
(with Mrs. and 3 sons)

Hôtel Alba  
Rue du Mont-Blanc 19  
Geneva  
T. 32 67 07

Other News

31. ETATS-UNIS D'AMERIQUE  
UNITED STATES OF AMERICA  
ESTADOS UNIDOS DE AMERICA

Délégué / Delegate / Delegado

read : Mr. William H. WATKINS  
Assistant Chief Engineer  
Federal Communications Commission

Expert / Consultant / Experto

read : Major Walter J. PAYNE, U.S.A.F.  
Headquarters, USAFE  
Ramstein, Germany  
(and Mrs.)



# THE MORNING ELECTRON

Vol. One - No. 32

G E N E V A

Tuesday, 29 September 1959

Published throughout the meetings of  
the I.T.U. Conference

## AGENDA

Tuesday, 29 September 1959

9 a.m.	Working Group 4D	Room E - Bâtiment Electoral
9 a.m.	Committee 5	Room A - Bâtiment Electoral
9 a.m.	Sub-Working Group 6A1	Room K - Bâtiment Electoral
9 a.m.	Sub-Working Group 6A7	Room G - Bâtiment Electoral
9 a.m.	Working Group 7A1	Office 115 - Bâtiment Electoral
9 a.m.	Working Group 7B4	Room L - Bâtiment Electoral
9 a.m.	Sub-Committee 7D	Room D - Palais des Expositions
3 p.m.	Working Group 3A	Cancelled
3 p.m.	Working Group 4B	Room B - Palais des Expositions
3 p.m.	Working Group 4E	Room A - Bâtiment Electoral
3 p.m.	Sub-Working Group 5B4	Room E - Bâtiment Electoral
3 p.m.	Working Group 6C	Room C - Palais des Expositions
3 p.m.	Sub-Committee 7B	Room D - Palais des Expositions
3 p.m.	Sub-Working Group 5B1	Room F - Bâtiment Electoral
5 p.m.	Sub-Working Group 5B1 Region 1	Room F - Bâtiment Electoral
5 p.m.	Sub-Working Group 5B1 Region 3	Room I - Bâtiment Electoral

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TODAY

Committee 5 has to study the progress made in Working Groups 5A and 5B and the problem of new or developing countries.

Working Group 4E will continue its study of the detailed proposals concerning the frequency bands between 2,300 and 2,700 kc/s.

Working Group 7B will continue its study of Section V of Article 33 (frequencies in the mobile, maritime and aeronautical radiotelegraph services).

Working Group 7D will examine the report of Sub-Working-Group 7D1 (Accounts) and the report of Sub-Working-Group 7D2 (charges for radiotelephone calls).

Working Group 6C will continue its examination of Article 8 (International monitoring).

Working Group 4D will hear the reports submitted by Mlle. Huet for Sub-Working-Group 4D1 (28.5 - 29.7 Mc/s.), by Mr. Shinkawa for Sub-Group 4D2 (ionospheric scatter), by Mr. Nielsen for Sub-Group 4D3 (Region 1) and by Mr. Hatfield for Sub-Group 4D3 (Region 3).

Sub-Working-Group 5B1 will examine any adjustments to be made to the lists adopted by the E.A.R.C. in the band 14-150 kc/s. and will study the problem of a common world working frequency for the mobile, maritime and radiotelephone service in the band 2,000 - 2,850 kc/s.

#### DECISIONS IN COMMITTEE 4

At its meetings on Saturday and Monday morning, Committee 4 decided

- to maintain the status quo as regards the band 7,100 - 7,150 kc/s. Thus, the amateur services will continue to appear in this band alongside the broadcasting services;
- that the problem of the limits of the tropical zone which had already been studied last Thursday would be referred to Working Group 4A;
- to entrust Working Group 4C with the examination of the 4 - 27.5 Mc/s bands "except as regards broadcasting". The Delegation of India had proposed that, in the terms of reference of Working Group 4C, the words "except as regards broadcasting" should be deleted, but that proposal was rejected by 32 votes to 24. The Head of the Delegation of Colombia had withdrawn his proposal to entrust the study of this question to Committee 4.

#### A NEW DELEGATION

The Delegation of Saudi Arabia will shortly arrive in Geneva to attend the conferences.

#### RECEPTION

On 16 October, the Authorities of the Republic of the Canton and Town of Geneva will invite all those taking part in the Radio Conference and the Plenipotentiary Conference to a reception at the Musée d'Art et d'Histoire.

LIST OF PARTICIPANTS

Recent arrivals and new titles

11. BRESIL  
BRAZIL  
BRASIL

Experts / Exoertos

Capitaine de Frégate  
Geraldo DUPRAT RIBEIRO  
Ministère de la Marine

Hôtel Excelsior  
Rue Rousseau 34  
Genève  
T. 32 09 45

Capitaine de Frégate  
José GURJÃO NETO  
Ministère de la Marine

"

M. Fernando RAMOS PEREIRA  
Chef de la section aéronautique  
de télécommunications  
Ministère de l'Aéronautique

"

29. EQUATEUR  
ECUADOR

Suppléant / Alternate / Delegado alterno

Sr. Don Jaime M. ZALDUEBIDE  
Consul de l'Equateur  
Délégué permanent auprès  
de l'O.I.T.

Rue Crespin 12  
Genève

50. JAPON  
JAPAN  
JAPON

Attachés / Agregados

Mr. Ryoji HAYASHI  
Assistant Chief of Frequency Section  
Radio Regulatory Bureau  
Ministry of Posts and  
Telecommunications

Hôtel Atlantic  
Rue Vieux-Collège 5  
Genève  
T. 24 00 53

Mr. Tatsuo HANIKAWA  
Chief of aeronautical sub-section  
Aeronautical and Maritime Section  
Radio Regulatory Bureau  
Ministry of Posts and  
Telecommunications

"

77. REPUBLIQUE FÉDÉRALE D'ALLEMAGNE  
FEDERAL GERMAN REPUBLIC  
REPÚBLICA FEDERAL ALEMANA

M. Werner KLEINSTEUBER  
Conseiller d'administration

Hôtel International et Terminus  
Rue des Alpes 20  
Genève  
T. 32 30 95

83. SOUDAN (République du)  
SUDAN (Republic of)  
SUDAN (República de)

Chef de la délégation  
Head of the Delegation  
Jefe de la delegacion

Mr. Suliman HUSSEIN  
Director, P.T.T.

Délégué / Delegate / Delegado

Mr. Hassan Ibrahim BESHIR  
Assistant Controller  
Telegraph Service

84. SUÈDE  
SWEDEN  
SUECIA

Délégué / Delegate / Delegado

M. Carl-Magnus von DOBELN  
Capitaine de frégate  
Etat-Major général des  
forces armées de Suède  
(et Mme et enfants)

Hôtel Century  
Av. Frontenex 24  
Genève  
T. 36 30 95

93. URUGUAY (République orientale de l')  
URUGUAY (Oriental Republic of)  
URUGUAY (República Oriental del

Délégués / Delegates / Delegados

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Sr. Alfonso GALIMBERTI  
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201. COMPAGNIE GÉNÉRALE DE TÉLÉGRAPHIE SANS FIL

202. SOCIÉTÉ RADIO-ORIENT

Représentant / Representative / Representante

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402. COMITÉ INTERNATIONAL RADIO-MARITIME (C.I.R.M.)  
INTERNATIONAL RADIO MARITIME COMMITTEE (C.I.R.M.)  
COMITÉ INTERNATIONAL RADIOMARITIMO (C.I.R.M.)

Observateur / Observer / Observador

Mr. W. STENFERT  
President of C.I.R.M.  
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404. COMMITTEE ON SPACE RESEARCH (COSPAR)

Suppléant / Alternate / Suplente

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404. COMMITTEE ON SPACE RESEARCH (COSPAR)

et 412. UNION ASTRONOMIQUE INTERNATIONALE

INTERNATIONAL ASTRONOMICAL UNION

UNION ASTRONÓMICA INTERNACIONAL

et 413. UNION RADIO SCIENTIFIQUE INTERNATIONALE (U.R.S.I.)

INTERNATIONAL SCIENTIFIC RADIO UNION (U.R.S.I.)

UNION RADIOCIENTÍFICA INTERNACIONAL (U.R.C.I.)

Suppléant / Alternate / Suplente

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New addresses

69. PAYS-BAS, SURINAM, ANTILLES Néerlandaises,  
NOUVELLE-GUINÉE

NETHERLANDS, SURINAM, NETHERLANDS ANTILLES,  
NEW GUINEA

PAÍSES BAJOS, SURINAM, ANTILLAS Neerlandesas,  
NUEVA GUINEA

Délégué / Delegate / Delegado

Mr. Johan H.R. van der WILLIGEN      Hôtel Excelsior  
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82. ROYAUME-UNI de la GRANDE-BRETAGNE et de l'IRLANDE DU NORD  
UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND  
REINO UNIDO DE GRAN BRETAÑA e IRLANDA DEL NORTE

Chef adjoint de la délégation / Deputy Head of the Delegation  
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Colonel Ivan St. Quintin SEVERIN      Hôtel Ariana  
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Other information

60. MEXIQUE  
MEXICO  
MÉXICO

Chef de la délégation / Head of the Delegation  
Presidente de la delegacion

léase Sr. D. Lázaro BARAJAS GUTIERREZ      Rue Crespin 18  
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Jefe del Departamento de Frecuencias      Genève  
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# THE MORNING ELECTRON

Vol. One - No. 33

G E N E V A

Wednesday, 30 September 1959

Published throughout the Meetings of  
the I.T.U. Conferences

## AGENDA

Wednesday, 30 September 1959

9 a.m.	Sub-Working Group 4B5	Room F - Bâtiment Electoral
9 a.m.	Sub-Working Group 4D3	Room K - Bâtiment Electoral
9 a.m.	Sub-Working Group 4E2	Room H - Bâtiment Electoral
9 a.m.	Working Group 5A	Room E - Bâtiment Electoral
9 a.m.	Working Group 6B	Room C - Palais des Expositions
9 a.m.	Sub-Committee 7A	Room D - Palais des Expositions
9 a.m.	Sub-Committee 7E	Room I - Bâtiment Electoral
11 a.m.	Sub-Working Group 4D4	Room K - Bâtiment Electoral
12.30 p.m.	Sub-Working Group 4D1	Room I - Bâtiment Electoral
3 p.m.	Working Group 3B	Room E - Bâtiment Electoral
3 p.m.	Working Group 4B	Room A - Bâtiment Electoral
3.30 p.m.	Sub-Working Group 4B6	Room A - Bâtiment Electoral
3 p.m.	Sub-Working Group 5B5	Room F - Bâtiment Electoral
3 p.m.	Sub-Working Group 6A4	Room G - Bâtiment Electoral
3 p.m.	Sub-Working Group 6B2	Room K - Bâtiment Electoral
3 p.m.	Sub-Working Group 6C4	Room L - Bâtiment Electoral
3 p.m.	Working Group 7B1	Room H - Bâtiment Electoral
3 p.m.	Sub-Committee 7C	Room D - Palais des Expositions
5 p.m.	Working Group 7B4	Room H - Bâtiment Electoral
5 p.m.	Working Group 4G	Room A - Bâtiment Electoral

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TODAY

Sub-Committee 7A (Chairman : P. Bouchier) will give a second reading of the texts set out in Document No. 308 and will continue to study the proposals concerning Article 24.

Working Group 4B (Chairman : Mr. L. Sastry) will study the final report by Sub-Working-Group 4B3 (160-350 kc/s).

Sub-Working-Group 4E2 (Chairman : Mr. Chef) will study the proposals relating to the Table of Frequency Allocations between 1,300 and 1,700 Mc/s.

Sub-Working-Group 4B5 (Chairman : Mr. Hassan) will study the proposals for amendments in the Table of Frequency Allocations for the bands 1,600 - 2,850 kc/s.

Sub-Working-Group 5B5 (Chairman : H. Shinkawa) will continue the discussion on problems relating to the International Frequency List in the bands 4 - 27.5 Mc/s for which there is no plan.

Sub-Committee 7C will study the reports by Sub-Group 7C2 and the Drafting Group, and also Document No. DT-165 and Article 37.

Working Group 6B (J.K.S. Jowett) will study the reports by the Chairmen of Sub-Groups 6B1, 6B2, 6B3 and will examine Document No. DT 175 (Drafting for 395 - 400).

Working Group 4G (Chairman : S. M. Myers) will study in detail the frequency bands 13,250 - 14,500 Mc/s; 15,400 - 17,700 Mc/s; 19,000 - 20,000 Mc/s; 23,000 - 24,500 Mc/s and 33,400 - 34,500 Mc/s, and the draft report by Working Group 4G to Committee 4 (Document No. DT 265).

"TO HAVE AND HAVE NOT"

While Mr. George Searle, Chairman of Working Group 5A, announced that his group would continue to be very much taken up with the preparation of what must be called "the new Article 11", and Mr. Juan Autelli, Chairman of Working Group 5B announced that his six sub-working-groups would doubtless have some difficulty in finishing by 9 October, Committee 5 started its study of one of the most important problems confronting the Conference, that is to say the needs and requirements of new and developing countries.

After Mr. M.A. Vieira (Portugal) had, with the grand gesture of a sower, divided out the proposals between the various working groups, Mr. Barajas Gutierrez (Mexico) pointed out that there was a certain amount of overlapping in the work of Committees 5 and 4, and that it should be clearly understood that it was for Committee 5 to decide first if it was timely, wise or necessary to proceed to certain changes. This opinion was shared by Mr. Ashot Badalov of the U.S.S.R. who thought that Committee 4 would be better able to act once it knew the opinion of Committee 5.

Mr. S.A. Sathar (Pakistan) submitted Documents No. 233 and 302 concerning the proposals by "new" or "developing" countries regarding the frequency list and notification procedure. This he did quietly, stressing the fact that all the delegations seemed prepared to recognize and accept the reasons why the requirements were submitted. He spoke of the voluntary sharing of common resources, the real frequency usage, and the plans for the use of frequencies, emphasising that the dates were not to be regarded as a decisive element, that the record should give a correct picture of the situation - that it should be dynamic and capable of frequent changes. The assistance, opinion and action of the I.F.R.B. were necessary in any case, for countries whose technical development was slight, countries which already had some technical knowledge or countries which had already had their requirements recorded but could not use the frequencies they needed. A monthly I.F.R.B. report seemed necessary. Some action was indispensable, but everything depended on the goodwill of all countries.

Mr. Pratomo (Indonesia), Mr. Edmond Koram (Ghana), the delegates of Yugoslavia, Paraguay, Argentina, Iran and the Philippines, Mr. A. Lelakis (Greece) and Mr. Ibrahim Fouad (United Arab Republic) also explained that it was necessary to satisfy, and to give a chance to, new countries and those developed.

Mr. Gabriel Tedros (Ethiopia) pointed out that some time would be required for certain Administrations to realise that there were as many derogations as acquiescences and that the stipulations of Article 16 on the obligations of States should not blind one to the fact that certain of these States had limited economic resources. If there was no agreement, it would perhaps be necessary to ask Committee 4 to ~~see~~ whether it was possible to widen the broadcasting bands.

Mr. Mohammed Hassam (Malaya) thought that the more advanced countries should use submarine cable and VHF-FM transmissions.

Mr. Paul Miles (United States) said that the existence of justified requirements should be admitted and recalled the American proposals for the "bands for which no plan has yet been made" and the notifications, adjustment and publication of seasonal broadcasting schedules and establishing a procedure which will enable (a) the I.F.R.B. to cut out dead wood more rapidly and find frequencies and (b) Administrations rapidly to obtain information on possibilities in the high-frequency broadcasting bands. Only concrete, practical action would solve the problem.

The delegate of the Union of South Africa then asked the question that everyone had been thinking of for a long time: what was a "new country" and a "country being developed"? Mr. Quijano Caballero, of Columbia, replied by recalling that the United Nations and its various organs had been thinking about the matter for a long time and that, in fact, there existed satisfied countries, half-satisfied countries and countries in need. He also stressed the necessity of certain circuits for the development of national economy and the necessity of giving the I.F.R.B. authority to act in the desired way.

Dr. Sarwate, of India, taking a lofty view of the problem before the Committee said that, in his view, it was a vital question. The Geneva conference - and that was its feature - had already recognised that certain countries had vital and fundamental requirements. Some countries were extremely developed. Others had barely the requisite minimum. To get an idea of the position, it was enough to read the report prepared by Mr. George Searle after his technical assistance mission. Half the population of the world was living in those very areas where telecommunication systems were still rudimentary. The Geneva conference (this was a thing worth noting) seemed to have to settle two extreme problems - space communications and the vital requirements of small countries. Space could doubtless wait a little but the difficulties of countries which had not yet reached their full development were immediate and had to be solved.

This was when Mr. Ashot Badalov proposed the setting up of a special Working Group to study the real requirements of new and developing countries and to see whether a recommendation on the matter should be made to Committee 5 or its Working Groups to remedy the position. The U.S.S.R. proposal turned out to be supported by Mr. Paul Miles (United States), Mr. G.K. Stoyanov (Bulgaria-Albania), Mr. Teuros (Ethiopia) and the delegate of Australia.

The Chairman of the Working Group will be Mr. Mirza, of the Pakistan Delegation. The members will be 10, appointed by the I.F.R.B., 5 from the representatives of the countries richest in high-frequency broadcasting frequencies and 5 from the countries called "new" or "being developed".

During the extremely interesting discussions and exchanges of views yesterday morning, Mr. William Kirkpatrick, of the United Kingdom, pointed out that, if a solution were to be found, those very people who had taken the initiative of making proposals had eventually turned towards the I.F.R.B. and Article 11 of the Regulations. To obtain tangible results, suitable instructions and appropriate tools should be given to the I.F.R.B. Technical examination was in itself a good system and the implementation of Article 11 would be a great help. Incidentally, the Delegation of the United Kingdom had submitted proposals on that point.

Mr. Barajas Gutierrez (Mexico) had pointed out

- that the I.F.R.B. had got a wrong idea of the help it should give to States,
- that only requesting countries could say what were their real requirements and that they should do everything they possibly could before appealing to the I.F.R.B.,
- that Mexico had already made proposals about the attention to be given to new countries (Proposal 357) and the amendments to be made in Article 11 (Proposals 3793 and 3800).

Mr. Petit (I.F.R.B.) drew the Committee's attention to paragraph 7.4.2.2 of Section VII of the I.F.R.B. Report in which the Board suggests that the Conference should draw up a strict procedure for solving questions of this kind, in particular in view of the effects they may have on the future procedure for the handling of frequency assignments notified by administrations.

\*

\* \*

#### FOR AMATEURS

At its meeting on Saturday morning, 26 September, Committee 4 decided that the amateur service would be excluded from the band 7,100-7,150 kc/s in Regions 1 and 3, this band being exclusively reserved for broadcasting. The adjacent band 7,000-7,100 kc/s would be reserved exclusively for the amateur service.



# THE MORNING ELECTRON

Vol. One - No. 34

G E N E V A

Thursday, 1 October 1959

Published throughout the Meetings of  
the I.T.U. Conferences

## AGENDA

Thursday, 1 October 1959

9 a.m.	Working Group 5 ad hoc	Room A - Bâtiment Electoral
10.15 a.m.	Working Group 4C	Room A - Bâtiment Electoral
9 a.m.	Sub-Working Group 4B/6	Room F - Bâtiment Electoral
9 a.m.	Sub-Working Group 4B4	Cancelled
9 a.m.	Working Group 5A	Room E - Bâtiment Electoral
9 a.m.	Working Group 6A	Room C - Palais des Expositions
9 a.m.	Sub-Committee 7B	Room D - Palais des Expositions
11 a.m.	Sub-Working Group 4F1	Room F - Bâtiment Electoral
12.30 p.m.	Sub-Working Group 4D4 Region 3	Room I - Bâtiment Electoral
1.30 p.m.	Sub-Working Group 4D1	Room K - Bâtiment Electoral
3 p.m.	Sub-Working Group 4B5	Room E - Bâtiment Electoral
3 p.m.	Sub-Working Group 4C1	Room H - Bâtiment Electoral
3 p.m.	Sub-Working Group 5B1 Region 1	Room F - Bâtiment Electoral
3 p.m.	Sub-Working Group 5B1 Region 3	Room I - Bâtiment Electoral
3 p.m.	Working Group 6C	Room C - Palais des Expositions
3 p.m.	Working Group 7B2	Room L - Bâtiment Electoral
3 p.m.	Sub-Committee 7D	Room D - Palais des Expositions
3 p.m.	Working Group 7B5	Cancelled
3 p.m.	Working Group 7A2	Cancelled
5 p.m.	Sub-Working Group 4C3	Room H - Bâtiment Electoral
5 p.m.	Sub-Working Group 5B4	Room F - Bâtiment Electoral
5 p.m.	Working Group 7C2	Room D - Palais des Expositions
6 p.m.	Committee I	Room E - Bâtiment Electoral

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TODAY

IMPORTANT NOTICE - ELECTION

A meeting will be held today, Thursday, 1 October 1959 at 9 a.m. in Room A with a view to electing five delegates who will be called upon to express the opinions of new countries and those in course of development in a Special Group set up by Committee 5 for the purpose of examining the requirements of such countries. The countries concerned are invited to attend the meeting.

M. N. Mirza, Chairman

Sub-Committee 7B (Chairman: R.N. Billington) : approval of the texts contained in the annex to Document 287, of the report of the Working Group, Document No. DT 267 and of the text of point 3 of Document No. 236.

The Delegates of China and Japan will express their views with regard to proposals 4251 to 4254.

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Working Group 4C (Chairman: H. Pressler) will examine the proposals for amending the Table of Frequency Allocations for the 4,000 - 25,500 kc/s bands (annex to Document No. DT 90).

-----  
Working Group 6A (Chairman : E.W. Allen) will examine Section III of Article 2 (frequency nomenclature), the reports by the Chairmen of Sub-Groups 6A1, 6A2, 6A3, 6A4, 6A5, 6A7, 6A8 and the definitions listed in point 3 of Document No. DT 111.

-----  
Sub-Working Group 4C1 (Chairman : S.R. Burbank) will begin studying the proposals relating to the aeronautical mobile service.

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Sub-Working Group 4F1 (Chairman : S.M. Myers) will examine the draft report on the references relating to additional services, and to frequencies or bands allotted to given stations, and on various notes.

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Sub-Committee 7D (Chairman: A. Caruso) will study, at a second reading, the approved texts contained in Document No. DT 281. The Sub-Committee will complete its work today.

WORKING GROUP 5A

PROCEDURE AND NOTICES

At yesterday's meeting, items 2 and 3 of Document No. DT 255 were taken up, item 2 dealing with notification procedure and item 3 examination of notices.

In discussing point 2, the U.S. Delegate, Mr. Paul Miles, said that although they could supply information on frequency assignments on a seasonal basis, they could not send notifications specifying what frequencies would be used at what hours of the day, as such information is not available. Mr. Krassnoselski (U.S.S.R.) concurred in this declaration and asked the I.F.R.B. what the notification should be based on, the average or maximum traffic, as for example on the occasion of the visit of President Eisenhower to the U.S.S.R.

In answering this question, Mr. Petit I.F.R.B. stated that the use of the frequency is based on propagation conditions as determined by propagation curves. The point is to check if the hours notified for use of a frequency falls within the usefulness of the frequency as determined by propagation rules. The important dates are those in columns 2a and 2b (registration and notification respectively) and the date in column 2c (putting into service) is merely for information. Dr. Miroslav Joachim (Czechoslovakia) stated that propagation curves giving MUF do not set definite limits as to the hours.

The Chairman was of the opinion that a paragraph should be drafted by a working group for item 2.

Turning to item 3, Mr. André Henry (France) suggested that there might be easy agreement on point 3.1 concerning the examination of conformity and therefore this should be taken up individually first instead of the entire item as a whole, to which view general agreement was expressed. Mr. William Kirkpatrick (U.K.) felt that no entry should be made until complete information has been ascertained and conformity established. The U.S. and U.S.S.R. Delegations concurred on this point and the Chairman described the situation as being wonderful and therefore the Sub-Committee decided to send item 3.1 to a drafting group.

During the course of the discussion with regard to point 3.2 (technical examination), 3.3 (international monitoring) and 3.4 (administration's comments), Mr. Krassnoselski (U.S.S.R.) said that his Delegation was against technical examination being carried out by a central body, asserting that there was no exact definition for a technical examination

and up to now what the I.F.R.B. has done cannot be termed technical examination. The U.K. Delegate said that technical examination should be determined and carried out by a central body and stated that until 30 June 1959, 70,000 entries had received a favourable finding, 13,000 unfavourable. Of the latter, 8,500 were re-submitted. The Delegate of the U.S.S.R. said that technical examination by the I.F.R.B. does not add anything to the regulation of the use of the spectrum and these technical examinations in another form are inadequate in the procedure of registration. Only negotiations among directly concerned administrations can eliminate harmful interference. Neither the administrations nor the I.F.R.B. have adequate technical standards, and what is more the technical principles to be used on unplanned bands are not specified. The French delegate agreed with the United Kingdom view on technical examination and questioned the usefulness of furnishing complementary data that are not used. The Delegate of Czechoslovakia thought that delays could be avoided if technical examination could be done by administrations instead of a central body and that the technical standards should be a charge of the C.C.I.R. as they are at the moment and not of a body registering frequencies.

Sub-Committee 7A (Chairman : Mr. Bouchier) will meet on Saturday next, 3 October, 1959 at 9.0 a.m. in Room D, Palais des Expositions.

LISTE DES PARTICIPANTS  
LIST OF PARTICIPANTS  
LISTA DE PARTICIPANTES

(Un nouveau tirage de la Section 6 de la Liste des Participants (pages Section 6/1 Rev. 1 - Section 6/2/3) va être distribué. Il remplace intégralement la Section 6 actuelle (pages 6/1 et 6/2 Rev. 1))

(A new issue of Section 6 of the List of Participants (pages Section 6/1 Rev.1 - Section 6/2/3) will shortly be distributed. It will replace the existing Section 6 in its entirety (pages 6/1 and 6/2 Rev. 1))

(En breve se distribuirá una nueva tirada de la Sección 6 de la Lista de participantes (páginas Sección 6/1 Rev. 1 - Sección 6/2/3), que sustituirá a la Sección 6 actual en su totalidad (páginas 6/1 y 6/2 Rev. 1))

Arrivées récentes et nouvelles désignations  
Nominations and new arrivals  
Designaciones y llegadas recientes

3. ARABIE SAOUDITE (Royaume de l')  
SAUDI ARABIA (Kingdom of)  
ARABIA SAUDITA (Reino de)

Chef de la délégation / Head of the Delegation / Jefe de la delegación

Mr. Ahmed ZAIDAN  
Director General of Posts  
and Telecommunications

Délégué / Delegate / Delegado

Mr. Mahmoud MIRDUD  
Assistant Chief Engineer

14. CANADA  
CANADÁ

Délégué / Delegate / Delegado

Mr. K.B. RALPH  
Department of Transport

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30. ESPAGNE  
SPAIN  
ESPAÑA

Délégué / Delegate / Delegado

Sr. D. Mariano SANTIAGO SHAW  
Teniente Coronel ingeniero  
aeronáutico

Pacific Hôtel  
Rue des Pâquis 44  
Genève  
T. 32 64 67

31. ETATS-UNIS D'AMERIQUE  
UNITED STATES OF AMERICA  
ESTADOS UNIDOS DE AMÉRICA

Conseiller / Adviser / Asesor

Mr. William A. PORTER  
Attorney  
Bingham, Collins,  
Porter and Kistler,  
Washington, D.C.

82. ROYAUME-UNI DE LA GRANDE-BRETAGNE ET DE L'IRLANDE DU NORD  
UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND  
REINO UNIDO DE GRAN BRETAÑA E IRLANDA DEL NORTE

Délégués / Delegates / Delegados

Wing Commander H. BALL  
Ministry of Defence  
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Secrétariat / Secretariat / Secretaría

Miss O.D.T. BLAND  
Administrative Officer

Hôtel des Familles  
Rue de Lausanne 14  
Genève  
T. 32 60 20

306. ORGANISATION DE L'AVIATION CIVILE INTERNATIONALE (O.A.C.I.)  
INTERNATIONAL CIVIL AVIATION ORGANIZATION (I.C.A.O.)  
ORGANIZACIÓN DE AVIACIÓN CIVIL INTERNACIONAL (O.A.C.I.)

Secrétaire / Secretary / Secretaria

Miss June GOLDIN

Changements d'adresses  
Changes of Address  
Cambios de dirección

5. AUSTRALIE (Fédération de l')  
AUSTRALIA (Commonwealth of)  
AUSTRALIA (Federación de)

Délégué / Delegate / Delegado

Mr. Max STROHFELDT

Hôtel d'Angleterre  
Quai Mont-Blanc 17  
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31. ETATS-UNIS D'AMERIQUE  
UNITED STATES OF AMERICA  
ESTADOS UNIDOS DE AMÉRICA

Expert / Consultant / Experto

Mr. Joe L. STEWART

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PAYS-BAS, SURINAM, ANTILLES NÉERLANDAISES, NOUVELLE-GUINÉE  
NETHERLANDS, SURINAM, NETHERLANDS ANTILLES, NEW GUINEA  
PAÍSES BAJOS, SURINAM, ANTILLAS NEERLANDESAS, NUEVA GUINEA

Délégué / Delegate / Delegado

Mr. J.C. VERTON  
Chief Engineer in general service  
of P.T.T.  
(and Mrs)

Hôtel Century  
Av. de Frontenex 24  
Genève  
T. 36 80 95

Autres informations  
Other information  
Otras informaciones

14. CANADA  
CANADÁ

Chef adjoint de la délégation / Vice-Chairman of the  
Delegation / Jefe adjunto de la delegación

Mr. Alex REID  
(and Mrs.)

have now returned to Canada

306: ORGANISATION DE L'AVIATION CIVILE INTERNATIONALE (O.A.C.I.)  
INTERNATIONAL CIVIL AVIATION ORGANIZATION (I.C.A.O.)  
ORGANIZACIÓN DE AVIACIÓN CIVIL INTERNACIONAL (O.A.C.I.)

Observateur / Observer / Observador

Mr. Peter OOMEN  
(and Mrs.)



# THE MORNING ELECTRON

Vol. 1 - No. 35

G E N E V A

Friday, 2 October, 1959

Published throughout the meetings  
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## A G E N D A

Friday, 2 October, 1959

9 h.	Working Group 4D	Room A - Bâtiment Electoral
9 h.	Working Group 4F	Room E - Bâtiment Electoral
9 h.	Sub-Working Group 5A1	Room I - Bâtiment Electoral
9 h.	Sub-Working Group 5B3	Room F - Bâtiment Electoral
9 h.	Sub-Working Group 6A2	Room K - Bâtiment Electoral
9 h.	Sub-Working Group 6A5	Room G - Bâtiment Electoral
9 h.	Sub-Working Group 6B2	Cancelled
9 h.	Working Group 7B1	Room H - Bâtiment Electoral
9 h.	Sub-Committee 7C	Room D - Palais des Expositions
15 h.	Sub-Working Group 5B4	Room A - Bâtiment Electoral
15 h.	Working Group 4E	Room E - Bâtiment Electoral
15 h.	Sub-Working Group 5B2/1	Room F - Bâtiment Electoral
15 h.	Sub-Working Group 6A3	Room G - Bâtiment Electoral
15 h.	Sub-Working Group 6B3	Room I - Bâtiment Electoral
15 h.	Committee 7	Room D - Palais des Expositions
15 h.	Working Group 7B3	Cancelled
17 h.	Working Group 7C2	Cancelled

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TODAY

Small Sub-Working Group 5B3 (Chairman: J. Bes) (Maritime Mobile Service) will meet for the first time today to examine the changes that are considered necessary in the plans and the list adopted by the E.A.R.C. for the maritime mobile service between 4,000-27,500 kc/s.

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Sub-Committee 7C (Chairman: G. Van A. Graves) will examine the report of Sub-Working Group 7C2, the Irish proposal, document 321 and Article 37.

---

Committee 7 will study the reports submitted by the Chairmen of Sub-Committees 7A, 7B, 7C and 7D.

---

Working Group 4D (Chairman: C.W. Sowton) will examine the proposals relating to the allocations in bands 100-108 Mc/s, 108-132 Mc/s and 132-146 Mc/s.

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Working Group 4E (Chairman: G.C. Braga) will examine the report of Sub-Working Group 4E1, Document No. 289 and the proposals relating to frequency bands between 2,700-4,400 kc/s.

FOR THE NEW SPECIAL GROUP OF COMMITTEE 5

The new special Group of Committee with Mr. Mirza as Chairman, whose duty is to examine the requirements of "new" countries that are "under development", will comprise the representatives of the following countries: the U.S.S.R., United States, United Kingdom, India, France, Ethiopia, Pakistan, Paraguay, Albania and the Belgian Congo.

A NEW SUB-COMMITTEE

A new Sub-Committee of Committee 7, No. 7E, has been established, with Mr. Andrea Caruso as chairman. The duty of this Sub-Committee is to examine the proposals of a general nature which are concerned with problems of utilisation in the first pages of the yellow book.

Two meetings have been arranged for the coming week:

1. Tuesday, 7 October, in the afternoon
2. Wednesday, 8 October.



# THE MORNING ELECTRON

Vol. 1 - No.36

G E N E V E

Saturday, 3 October 1959  
Monday, 5 October 1959

Published throughout the Meetings of  
the I.T.U. Conferences

## AGENDA

### Saturday, 3 October, 1959 :

9 a.m.	Sub-Committee 7A	Room D - Palais des Expositions
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### Monday, 5 October, 1959 :

9 a.m.	Working Group 4A	Room A - Bâtiment Electoral
9 a.m.	Working Group 4C	Room E - Bâtiment Electoral
9 a.m.	Working Group 4E ad hoc	Room K - Bâtiment Electoral
9 a.m.	Working Group 5A	Room F - Bâtiment Electoral
9 a.m.	Sub-Working Group 6A4	Room H - Bâtiment Electoral
9 a.m.	Sub-Working Group 6C4	Room L - Bâtiment Electoral
9 a.m.	Sub-Committee 7A	Room D - Palais des Expositions
9 a.m.	Working Group 7B5	Room I - Bâtiment Electoral
11 a.m.	Sub-Working Group 6A3	Room G - Bâtiment Electoral
12.30 p.m.	Region 3 - 4D4/3	Room 115 - Bâtiment Electoral
3 p.m.	Sub-Working Group 4B4	Room E - Bâtiment Electoral
5 p.m.	Sub-Working Group 4B6	Room E - Bâtiment Electoral
3 p.m.	Sub-Working Group 4C1	Room B - Palais des Expositions
3 p.m.	Sub-Working Group 5A1	Room I - Bâtiment Electoral
3 p.m.	Sub-Working Group 5B4	Room F - Bâtiment Electoral
3 p.m.	Working Group 6B	Room C - Palais des Expositions
3 p.m.	Working Group 7B1	cancelled
3 p.m.	Working Group 7C2	Room D - Palais des Expositions
5 p.m.	Committee 3	Room A - Bâtiment Electoral

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ON THE AGENDA FOR MONDAY

Working Group 6B (Chairman: J.K.S. Jowett) will receive the reports by the Chairmen of Sub-Groups 6B1, 6B2 and 6B3, and will hear the verbal report by the Chairman of Sub-Group 6B3 (on Appendix 5).

Working Group 4C will study the proposals relating to the Allocation Table for the bands between 4,000 and 27,500 kc/s.

IN COMMITTEE 7

Committee 7 met on Friday afternoon under the chairmanship of Mr. Ehnle and approved the reports submitted by the Chairmen of Sub-Committees 7A, 7B, 7C and 7D.

The Chairman announced that the Committee would meet the following week and he thought that in the coming period, there would be several meetings of the Committee each week.

IN WORKING GROUP 5A

Mr. René Petit (I.F.R.B.) has sent us the following summary, which he has prepared from his own notes, of the statement he made at the meeting of Working Group 5A on Wednesday, 30 September 1959, a summary of which appeared in the Morning Electron of 1 October:

"Replying to that question, Mr. Petit (I.F.R.B.) said that the technical examination of notices, as devised at the Atlantic City Conference, was based on normal propagation conditions deduced from known physical laws. It was, of course, for the present Conference to consider whether other criteria, which were at present the exclusive province of administrations, should henceforward be taken into consideration, such as, for example, the volume of traffic to be routed over each circuit. In reply to a question by the delegate of the United Kingdom, Mr. Petit pointed out that in the frequency bands where the procedure described in Article 11 of the Regulations was in force, the significant dates were those in Columns 2a and 2b (registration and notification respectively), the date appearing in Column 2c (putting into service) actually playing no part in the procedure. The situation was slightly different in the bands where the procedure under the E.A.R.C. Agreement was applicable and where there were dates only in Column 2c; that was one of the reasons why the E.A.R.C. had fixed notification periods in those bands in such a way that the date entered in Column 2c was linked up, to a certain extent, with the notification date."

LISTE DES PARTICIPANTS  
LIST OF PARTICIPANTS  
LISTA DE PARTICIPANTES

Arrivées récentes  
New arrivals  
Llegadas recientes

72. POLOGNE (République Populaire de)  
POLAND (People's Republic of)  
POLONIA (República Popular de)

Expert / Delegate / Delegado

M..Alfons RZECZEWSKI

Rue Munier-Ronilly 4  
Genève  
T. 24 42 77

89. TUNISIE  
TUNISIA  
TUNEZ

Délégué / Consultant / Asesor

M. Zouhir BEN LAKHAL  
Ingénieur Principal des  
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Hôtel de la Nouvelle-Gare  
Rue des Alpes 21  
Genève  
T. 32 95 67

416. ORGANISATION INTERNATIONALE DE LA POLICE CRIMINELLE (INTERPOL)  
INTERNATIONAL CRIMINAL POLICE ORGANIZATION (INTERPOL)  
ORGANIZACION INTERNACIONAL DE POLICIA CRIMINAL (INTERPOL)

Observateur / Observer / Observador

M. Jean HAMON

chez Mme Chanson  
Rue Sismondi 3  
Genève  
T. 32 48 49

Changements d'adresse  
Changes of Address  
Cambios de dirección

4. ARGENTINE (République)  
ARGENTINE (Republic)  
ARGENTINA (República)

Délégué / Delegate / Delegado

Sr. Julio José ETULAIN  
(y Sra y dos hijas)

Rue Maunoir 35  
5ème étage  
Genève

25. DANEMARK  
DENMARK  
DINAMARCA

Chef adjoint de la délégation / Deputy Head of the Delegation  
Jefe adjunto de la delegación

M. Borge NIELSEN

Hôtel Adriatica  
Rue Sautter 21  
Genève  
T. 26 42 40

30. ESPAGNE  
SPAIN  
ESPAÑA

Délégués / Delegates / Delegados

Sr. D. José Maria PARDÓ HORNO  
(y Srta Pardo (hermana))

Av. de la Croisette 8  
4ème étage  
Genève  
T. 33 79 22

Sr. D. Valentin QUINTAS CASTAÑS

Av. de la Croisette 8  
Genève

31. ETATS-UNIS D'AMERIQUE  
UNITED STATES OF AMERICA  
ESTADOS UNIDOS DE AMERICA

Déléguée / Delegate / Delegada

Mrs. Ann A. MOONEY  
(and 2 sons)

c/o M. Graf  
Chemin Byron 1  
Montalègre (Cologny)

Expert / Consultant / Experto

Mrs. Julia G. WHITELEY

Av. de Champel 25 c  
App. 20  
Genève  
T. 35 56 72

34. FRANCE  
FRANCIA

Délégué / Delegate / Delegado

M. Yves PLACE

Hôtel de la Plaine  
Avenue Dunant 11  
Genève  
T. 24 53 32

69. PAYS-BAS, SURINAM, ANTILLES Néerlandaises  
NOUVELLE-GUINÉE  
NETHERLANDS, SURINAM, NETHERLANDS ANTILLES  
NEW GUINEA  
PAÍSES BAJOS, SURINAM, ANTILLAS Neerlandesas,  
NUEVA GUINEA

Délégué / Delegate / Delegado

Mr. H. DENE<sup>1</sup>  
(and Mrs)

Hôtel Century  
Av. de Frontenex 24  
Genève  
T. 36 80 95

73. PORTUGAL

Délégué / Delegate / Delegado

Premier-Lieutenant Carlos  
Guilherme IVENS FERRAZ DE  
MESQUITA  
(et Mne)

Chemin Kermély 10  
Genève

Autres informations  
Other information  
Otras informaciones

31. ETATS-UNIS D'AMÉRIQUE  
UNITED STATES OF AMERICA  
ESTADOS UNIDOS DE AMERICA

Délégué / Delegate / Delegado

Mr. Charles H. OWSLEY  
(and Mrs)

Read : T. 36 18 02

44. IRAN  
IRAN

Chef de la délégation / Head of the Delegation / Jefe de la delegación

Mr. Houshang NAIMI  
sera remplacé après son départ par  
S. Exc. Ing. H. SAMIY  
Sous-secrétaire d'Etat du  
Ministère des P.T.T.

75. PROVINCES PORTUGAISES D'OUTRE-MER  
PORTUGUESE OVERSEA PROVINCES  
PROVINCIAS PORTUGUESAS DE ULTRAMAR

Délégué / Delegate / Delegado

M. Abilio ANTUNES DOS SANTOS  
(et Mne)

94. VENEZUELA (République de)  
VENEZUELA (Republic of)  
VENEZUELA (República de)

Délégué / Delegate / Delegado

Lire

Read Sr. Miguel A. TEJEDA R.

Léase



# THE MORNING ELECTRON

Vol. 1 - No. 37

G E N E V A

Tuesday, 6 October 1959

Published throughout the Meetings of  
the I.T.U. Conferences

## AGENDA

9 a.m.	Working Group 4A	Room E - Bâtiment Electoral
9 a.m.	Sub-Working Group 4B/5	Room A - Bâtiment Electoral
11 a.m.	Sub-Working Group 4B/4	Room A - Bâtiment Electoral
3 a.m.	Sub-Working Group 4C/2	Room B - Palais des Expositions
9 a.m.	Sub-Working Group 4E/3	Room H - Bâtiment Electoral
9 a.m.	Ad hoc Working Group 5	Room F - Bâtiment Electoral
9 a.m.	Sub-Working Group 5A/1	Room I - Bâtiment Electoral
9 a.m.	Working Group 6C	Room C - Palais des Expositions
9 a.m.	Sub-Committee 7B	Room D - Palais des Expositions
3 p.m.	Working Group 3B	Room E - Bâtiment Electoral
3 p.m.	Working Group 4D	Room B - Palais des Expositions
	Working Group 4F	Cancelled
3 p.m.	Sub-Working Group 4E/1	Room F - Bâtiment Electoral
3 p.m.	Region 1 meeting 5B/1	Room A - Bâtiment Electoral
3 p.m.	Region 2 meeting 5B/1	Room H - Bâtiment Electoral
3 p.m.	Region 3 meeting 5B/1	Room I - Bâtiment Electoral
3 p.m.	Sub-Working Group 6A7	Room G - Bâtiment Electoral
3 p.m.	Sub-Working Group 6C4	Room L - Bâtiment Electoral
3 p.m.	Working Group 7B4	Room K - Bâtiment Electoral
3 p.m.	Sub-Committee 7E	Room D - Palais des Expositions

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TODAY

Working Group 4F (Chairman : S. Gejer) will consider how assignment plans and lists already adopted may be affected through the application of the basic principles set out in Document No. 242.

Sub-Working Group 4B5 (Chairman : M. Hassan) will decide on the final form of its report to Working Group 4B. The draft report is reproduced as Document No. DP 373.

Working Group 6C (Chairman : A. Heilman) will continue its examination of Article 18, (International Monitoring) and will also consider the report of Sub-Working Group 6C4, Appendices C and B to the Regulations and the Indian proposals in connection with Article 18(a) and Appendix 5(a).

Ad hoc Group 5 will be addressed by its Chairman Mr. H. N. Mirza, who will explain its membership. The Group will appoint a rapporteur, will request the I.F.R.D. to delegate a representative to sit in on its meetings and will consider in what manner it can best perform the task assigned to it in connection with the "new" and "developing" countries.

ALTERATIONS IN THE DISTRIBUTION OF ROOMS

Owing to the work which has to be done on Room E for the special session of the Administrative Council, it has been found necessary to make the following alterations in the distribution of rooms:

The meeting of :

Working Group 4C at 9 a.m. on Wednesday will be in Room C (PEX)

Sub-Working Group 4B2 at 3 p.m. " " " " " C "

Working Group 4B at 9 a.m. on Thursday " " " " " B "

Working Group 4D at 3 p.m. " " " " " C "

TERMS OF REFERENCE OF WORKING GROUPS, SUB-WORKING GROUPS

AND WORKING PARTIES OF COMMITTEE 4

(1)

Committee 4 :

Chairman : Mr. Gunnar Pedersen  
Rapporteur : Mr. A. James Bourne  
Terms of reference : Frequency Allocation

Working Group 4A :

Chairman : Mr. C.L.A. Loyen  
Terms of reference : To consider the proposals for  
changes in Articles 3 and 4  
(Nos. 86 to 96 inclusive)  
Article 5 (Nos. 97 to 108 inc.)  
and Articles 6, 7 and 9 of the  
Radio Regulations.

Working Group 4B :

Chairman : Mr. M.L. Sastry  
Rapporteur : Mr. T.L. Rogers  
Terms of reference : Table of Frequency Allocations  
9-4000 kc/s

Sub-Working Group 4B1 :

Chairman : Mr. C.W. Sowton  
Rapporteur : -  
Terms of reference : Standard frequencies between  
14-70 kc/s

Sub-Working Group 4B2 :

Chairman : Mr. K.A. Williams  
Terms of reference : Table of Frequency Allocations  
70-150 kc/s

Sub-Working Group 4B3 :

Chairman : Mr. L. Sigler  
Terms of reference : Table of Frequency Allocations  
160-325 kc/s

Working Party 4B3/1 :

Chairman : Mr. P. Mortensen  
Terms of reference : Table of Frequency Allocations  
285-325 kc/s - Region 1

Working Party 4B3/2 :

Chairman : Sqn. Ldr. R.K. Starkie  
Terms of reference : Table of Frequency Allocations  
160-325 kc/s - Region 3

Sub-Working Group 4B4 :

Chairman : Mr. C. Terzani  
Rapporteur : Mlle. M. Huet  
Terms of reference : Table of Frequency Allocations  
325-1,605kc/s

Sub-Working Group 4B5 :

Chairman : Mr. M. Hassan  
Terms of reference : Table of Frequency Allocations  
1,605-2,850 kc/s

Sub-Working Group 4B6 :

Chairman : Col. J. da Costa Vallim  
Terms of reference : Table of Frequency Allocations  
2,850-4,000 kc/s.

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(to be continued)



# THE MORNING ELECTRON

Vol. 1 - No. 38

G E N E V A

Wednesday, 7 October 1959

Published throughout the Meetings of  
the I.T.U. Conferences

## AGENDA

9 a.m.	Working Group 4C	Room C - Palais des Expositions
9 a.m.	Sub-Working Group 4D4	Room K - Bâtiment Electoral
9 a.m.	Sub-Working Group 4E2	Room H - Bâtiment Electoral
	Sub-Working Group 4B6	Cancelled
9 a.m.	Sub-Working Group 4B5	Room A - Bâtiment Electoral
9 a.m.	Working Group 5A	Room F - Bâtiment Electoral
11 a.m.	Sub-Working Group 6A3	Office 115 - Bâtiment Electoral
	Sub-Working Groups 6B3 6B2 6B1	Cancelled
9 a.m.	Ad hoc Sub-Working Group 6B	Room I - Bâtiment Electoral
9 a.m.	Sub-Working Group 6C5	Room G - Bâtiment Electoral
9 a.m.	Sub-Committee 7A	Room D - Palais des Expositions
9 a.m.	Working Group 7B5	Room L - Bâtiment Electoral
12.30 p.m.	Sub-Working Group 4D4/3	Office 112 - Bâtiment Electoral
2 p.m.	Working Group 7C3	Room D - Palais des Expositions
3 p.m.	Working Group 4E	Room A - Bâtiment Electoral
3 p.m.	Sub-Working Group 4B2	Room C - Palais des Expositions
3 p.m.	Sub-Working Group 5A1	Room I - Bâtiment Electoral
3 p.m.	Sub-Working Group 5B4	Room F - Bâtiment Electoral
3 p.m.	Sub-Working Group 6A4	Room G - Bâtiment Electoral
5 p.m.	Sub-Working Group 6A5	Room G - Bâtiment Electoral
3 p.m.	Sub-Committee 7C	Room D - Palais des Expositions
3 p.m.	Sub-Committee 7E	Room L - Bâtiment Electoral
3 p.m.	Ad hoc Sub-Working Group 7A3	Room K - Bâtiment Electoral

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TO-DAY

Working Group 4E (Chairman : Mr. Braga) : consideration of proposals relating to the bands 4,400 - 5,925 Mc/s.

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Working Group 4C (Chairman : Mr. Pressler) : consideration of proposals relating to the bands 4,000 - 27,500 kc/s (Addendum 1, Document No. DT 90).

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Sub-Working Group 4B2 (Chairman : Mr. K.A. Williams) : consideration of proposals relating to the 70 and 150 kc/s bands (Document No. DT 48).

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Sub-Working Group 4E2 (Chairman : Mr. Maurice Chef) : consideration of proposals relating to the bands 1,535 - 1,700 Mc/s (Document No. DT 123, Addendum 2, and Document No. 307).

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Sub-Committee 7A (Chairman : Mr. Bouchier) : consideration of the revised wording of No. 492 a) and proposals relative to Article 24.

---

Sub-Committee 7C (Chairman : Mr. Van A. Graves) : report by drafting groups (Documents Nos. DT 84 and 314) and consideration of Article 37, Section IX.

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### VAN DER POL'S DEAD !

Professor van der Pol is dead - a great scientist, a distinguished civil servant, and a great man. His death will be a cause for mourning not only in the Netherlands, but also in all I.T.U. Member countries.

Dr. van der Pol was born in Utrecht in 1889, and took his degree there in 1916. He studied radiotelegraphy and experimental physics at the Universities of London and Cambridge under Professors J.A. Fleming and J.J. Thompson, and became assistant to Professor H.A. Lorentz at Haarlem, Director of Scientific Research in the Philips concern, and Chancellor of Eindhoven University. Dr. van der Pol devoted his talents from an early age to research in mathematics and physics, displaying a strong philosophical bent. He was, of course, the author of a celebrated treatise on the propagation of radio waves. Of him it could truly be said that his sole object in life was to discover the truth, and that there was no limit to his curiosity. He even went so far as to try to apply the results of his inquiries into non-linear relaxation oscillations to phenomena such as the human heart-beat.

Those who have taken part in the activities of the International Telecommunication Union (as delegates or just as officials) will remember Dr. van der Pol as a man who, having taken an active part since 1927 in almost all I.T.U. conferences, was Director of the International Radio Consultative Committee from 1949 to 1956. As an international civil servant he displayed, apart from purely scientific qualifications, recognized the world over, his abilities as an understanding administrator. Besides which, he was something of a humanist in the classical sense of the word.

Professor van der Pol's life was one which lent itself to a wealth of anecdote and controversy. But we shall do no more here than to recall the statements made by him at the Plenary Assembly of the International Radio Consultative Committee held in Warsaw in 1956. Significantly, when called upon to deal with the administrative and technical problems with which the International Radio Consultative Committee was at that time confronted, Dr. van der Pol chose to speak of Copernicus, of Leonardo de Vinci, of Frederick Chopin, and of Mrs. Curie.

The following, too, is a characteristic statement, made at a time when he was thinking of retirement :

"Of course, in modern days it is hard to discriminate between science and technology but at a riper age I find it gets harder and harder also to discriminate between art and science because the inspiration which leads, say, to a new physical experiment or mathematical theorem is of exactly the same nature as the inspiration which may lead to a new work of art, be it music or any other art. Science and art are now more interwoven than ever before. It is possible, e.g., by the use of purely physical apparatus, to give an ordinary photograph the aspect of an old painting and electronic digital calculating machines are now able to compose church hymns and anthems."

Of Dr. B. van der Pol we can say what Einstein said of Mrs. Curie, namely, that he was one of those uncorrupted by fame.

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IN THE MIRACLE GROUP

The special Committee 5 Working Party set up to consider the requirements of the "younger" countries (the Delegate of Ethiopia said of this Group that it had been described as a group of miracle-workers) met yesterday under Mr. M.N. Mirza. This Working Party is, of course, made up of representatives of the Union of Soviet Socialist Republics, the United States, the United Kingdom of Great Britain and Northern Ireland, India, France, the People's Republic of Albania, Ethiopia, Paraguay, Pakistan and the Belgian Congo).

There seems to have been general agreement as to the aim in view. The meeting really met to discuss how to achieve this aim, bearing in mind that the problems involved are by no means limited to broadcasting ones, and that certain countries are not represented at the Conference.

The Chairman offered the following comments :

The I.T.U. Administrative Council had to make an annual report to the United Nations Economic and Social Council to show the progress made in introducing some order into the frequency spectrum. Something on those lines had already been achieved in the realm of air and sea communications, but the aim had not yet been attained in broadcasting and the fixed services. In certain fields, the existing state of affairs had to be maintained, but the purpose was not to maintain the existing state of affairs with regard to the "International Frequency List". A beginning had to be made there and then if there was to be any progress at all. If bilateral negotiations were to be fruitful, then a beginning had to be made with them in Geneva.

National needs as regards education by radio had to have priority over international requirements for freedom of information of information in general, and had to be protected. The contrary had to be the case in the fixed services. International circuits had to be protected before all others, because they were the ones which brought in money for national telecommunication administrations. In both cases, the minimum requirements of the new, under-developed countries would have to be determined.

Every member of the special working party, together with the Delegate of Mexico, took the floor, and it was decided to set up a sub-working party made up of representatives of Paraguay, the People's Republic of Albania, Ethiopia, and the United States, to prepare a questionnaire for consideration by the Working Party on Friday, before submission to the countries concerned. All countries concerned would be asked to answer the questions thus framed, and the Working Party would have to decide on a final date for reception thereof.

Consideration would be given later to the procedure whereby satisfaction might be given to the newer, under-developed countries.

The Delegate of Ethiopia said, during the discussion, that in his view information should be obtained in the following order :

- a) National Fixed Services;
- b) National Broadcasting;
- c) International Fixed Services;
- d) International Broadcasting Services.

The Delegate of the United Kingdom of Great Britain and Northern Ireland suggested that account should be taken, in framing questions and considering replies, of the statements made or requirements submitted to the International Frequency Registration Board. Presumably the countries with real problems to be solved had already brought their difficulties to the attention of those whose task it was to deal with them.

The Reporter of the special Working Party will be Mr. Makbool.

\*

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# THE MORNING ELECTRON

Vol. 1 - No. 39

G E N E V A

Thursday, 8 October, 1959

Published throughout the Meetings of  
the I.T.U. Conferences

## AGENDA

9 a.m.	Working Group 4B	Room B - Palais des Expositions
9 a.m.	Sub-Working Group 4D2	Room K - Bâtiment Electoral
9 a.m.	Sub-Working Group 4E3	Room H - Bâtiment Electoral
9 a.m.	Working Group 4E	Room A - Bâtiment Electoral
9 a.m.	Working Group 4F	Room F - Bâtiment Electoral
9 a.m.	Working Group 6A	Room C - Palais des Expositions
9 a.m.	Working Group 7A2	Room I - Bâtiment Electoral
9 a.m.	Sub-Committee 7B	Room D - Palais des Expositions
2.30 p.m.	Committee 1	Room E - Bâtiment Electoral
3 p.m.	Sub-Working Group 4C1	Room B - Palais des Expositions
5 p.m.	Sub-Working Group 4C2	Room B - Palais des Expositions
3 p.m.	Working Group 4D	Room C - Palais des Expositions
3 p.m.	Sub-Working Group 5A1	Room I - Bâtiment Electoral
3 p.m.	Sub-Working Group 5B1	Room F - Bâtiment Electoral
5 p.m.	Sub-Working Group 5B2	Room F - Bâtiment Electoral
3 p.m.	Committee 6	Room A - Bâtiment Electoral
3 p.m.	Working Group 7B1	Room L - Bâtiment Electoral
3 p.m.	Working Group 7B4	Room H - Bâtiment Electoral
6.30 p.m.	Plenary Meeting	Room A - Bâtiment Electoral

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TO-DAY

Working Group 4B (Chairman : Mr. L. Sastry) : consideration of the first report of Working Group 4B (Document No. DT 405) and the reports of Sub-Working Groups 4B2, 4B4, 4B5 and 4B6.

-----

Working Group 5B2 (Chairman : Mr. Arthur L. Lebel) : Recommendations relating to the E.A.R.C. Agreement and concerning the aeronautical mobile services (Document No. DT 382) - Proposals by Argentina (Document No. DT 397); Proposals by Canada (Document No. DT 173, Add. No. 1); report by the Chairman of Special Group 5B2/1 (Document No. DT 404).

-----

Working Group 6A (Chairman : Mr. E.W. Allen) : Reports by the Chairman of Sub-Working Groups 6A1, 6A2, 6A3, 6A4, 6A5, 6A7, 6A8 and consideration of Document No. DT 111.3.

-----

Sub-Working Group 4C1 (Chairman : Mr. S.R. Burbank) : Study of proposals relating to the aeronautical mobile service and the maritime mobile service in the 4 - 27.5 Mc/s bands.

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Sub-Working Group 4D2 (Chairman : Mr. H. Shinkawa) : Consideration of proposals concerning frequency allocations to the Fixed Service using ionospheric scatter.

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IN THE SPECIAL AD HOC GROUP OF COMMITTEE 5

During the discussion on the best method of obtaining information regarding the requirements of new developing countries, the Delegate of Ethiopia suggested the following classification :

- a) international fixed services;
- b) national broadcasting;
- c) national fixed services;
- d) international broadcasting services.

THE DELEGATION OF SAUDI ARABIA IN GENEVA

The Saudi Arabian Delegation has arrived in Geneva. The members of this delegation are :

Mr. Ahmed Zidan

Mr. Mahmood Murdad

COMMITTEE 5A

At its meeting on Wednesday morning, Committee 5A continued to hear comments on item 4 of Document No. DT 255 (steps to be taken after results of examination) and concluded its discussions on this item. The debate was opened on item 5 (record of assignments in the register), the main topic of discussion being the dates to be recorded in the new register.

TERMS OF REFERENCE OF WORKING GROUPS, SUB WORKING  
GROUPS AND WORKING PARTIES OF COMMITTEE 4

Working Group 4C:

(2)

Chairman : Dr. H. Pressler  
Rapporteur : Mr. L. Spangenberg  
Terms of Reference : Table of Frequency  
Allocations 4,000-  
27,500 kc/s (less BC  
service)

Sub-Working Group 4C1:

Chairman : Gp. Capt. S. Burbank  
Terms of Reference : Addenda Nos. 4 and 5 to  
Document Nos. DT 90 and  
No. 114 (aeronautical and  
maritime mobile services)

Sub-Working Group 4C2:

Chairman : Mr. S. Hase  
Terms of Reference : Addenda Nos. 6 and 7 to  
Document No. DT 90 and  
Doc. Nos. 163 and 233.  
(Mobile service and  
amateur)

Sub-Working Group 4C3:

Chairman : Mr. W. Klein  
Terms of Reference : Addenda Nos. 8 to 11 to  
Doc. No. DT 90 (standard  
frequencies, radio astro-  
nomy, industrial, scientific  
and medical purposes, space  
communication service)

Working Group 4D:

Chairman : Mr. C.W. Sowton  
Terms of Reference : Table of Frequency  
Allocations 27,5-960 Mc/s

Sub-Working Group 4D1:

Chairman : Miss M. Huet  
Terms of Reference : Table of Frequency  
Allocations 27,5-29.7 Mc/s

Sub-Working Group 4D2:

Chairman : Mr. H. Shinkawa  
Terms of Reference : Ionospheric Scatter

Sub-Working Group 4D3 - Region 1:

Chairman : Mr. B. Nielsen  
Terms of Reference : Table of Frequency  
Allocations 41-48.5 Mc/s

Sub-Working Group 4D3 - Region 3:

Chairman : Mr. W.H. Hatfield  
Terms of Reference : Table of Frequency  
Allocations 44-68 Mc/s

Sub-Working Group 4D4 - Region 1:

Chairman : Mr. E. Sharpe  
Terms of Reference : Table of Frequency  
Allocations 68-88 Mc/s

Sub-Working Group 4D4 - Region 3:

Chairman : Mr. Hatfield  
Terms of Reference : Table of Frequency  
Allocations 68-88 Mc/s

Sub-Working Group 4D5:

Chairman	: Mr. Nielson
Terms of Reference	: Table of Frequency Allocations 100-108 Mc/s

Sub-Working Group 4D6:

Chairman	: (To be nominated by Netherlands)
Terms of Reference	: Revision of Regulation 198 relating to VHF maritime mobile service

Working Group 4E:

Chairman	: Col. de Campos Braga
Rapporteur	: Mr. W.G. Rios
Terms of Reference	: Table of Frequency Allocations 960-10,500 Mc/s

Sub-Working Group 4E1:

Chairman	: Mr. S.M. Myers
Rapporteur	: Mr. D.H. Mills
Terms of Reference	: Table of Frequency Allocations 1,215-1,300 Mc/s

Sub-Working Group 4E2:

Chairman	: Mr. M. Chef
Rapporteur	: Mr. M. Thué
Terms of Reference	: Table of Frequency Allocations 1,300-1,700 Mc/s

Sub-Working Group 4E3:

Chairman : Mr. E.W. Anderson  
Terms of Reference : Table of Frequency  
Allocations 1,700-2,700  
Mc/s

Working Group 4F:

Chairman : Mr. S. Gojer  
Rapporteur : Mrs. Anne A. Mooney  
Terms of Reference : Footnotes

Sub-Working Group 4F1:

Chairman : Mr. S. Myers  
Terms of Reference : Detailed study of foot-  
notes and drafting

Working Group 4G:

Chairman : Mr. S. Myers  
Rapporteur : Mr. W.B. Hawthorne  
Terms of Reference : New Table of Frequency  
Allocations 10,500-  
40,000 Mc/s

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# THE MORNING ELECTRON

Vol. I - No. 40

G E N E V A

Friday, 9 October 1959

Published throughout the

I.T.U. Conferences

## A G E N D A

Friday, 9 October 1959

9 a.m.	Committee 4	Room A - Bâtiment Electoral
9 a.m.	Working Group 5A	Room F - Bâtiment Electoral
9 a.m.	Working Group 6C	Room C - Palais des Expositions
9 a.m.	Working Group 7A2	Room I - Bâtiment Electoral
9 a.m.	Working Group 7B5	Room L - Bâtiment Electoral
9 a.m.	Sub-Committee 7C	Room D - Palais des Expositions
9 a.m.	Ad Hoc Working Group 7A3	Room K - Bâtiment Electoral
3 p.m.	Sub-Working Group 4D4	Room H - Bâtiment Electoral
	Sub-Working Group 4C1	Cancelled
	Sub-Working Group 4B5	Cancelled
3 p.m.	Working Group 4E	Room F - Bâtiment Electoral
3 p.m.	Sub-Working Group 5A1	Room I - Bâtiment Electoral
3 p.m.	Sub-Working Group 5B4	Room A - Bâtiment Electoral
3 p.m.	Working Group 6B	Room C - Palais des Expositions
3 p.m.	Committee 7	Room D - Palais des Expositions
4.30 p.m.	Ad Hoc Working Group 5	Room E - Bâtiment Electoral
5 p.m.	Sub-Working Group 5B3	Room B - Palais des Expositions

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TODAY

Committee 4 (Chairman : Mr. G. Pedersen) : examination of the summary record of the fifteenth meeting (Document No. 279); verbal reports by the Chairmen of Working Groups on progress made; examination of the first report of Working Group 4A (Document No. 361); examination of the report of Working Group 4F (Document No. 242 Rev.).

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Working Group 6B (Chairman : Mr. J.K.S. Jowett) : report of the special group drafting No. 396A (Document No. DT 175 Rev.); further examination of the report of the Chairman of Sub-Working Group 6B2 on Appendix 3 (Document No. DT 344); report of the Chairman of Sub-Working Group 6B3 on Appendix 4 (Document No. DT 280); further examination of the report of the Chairman of Sub-Working Group 6B1 on Nos. 75-80 of the Regulations (Document No. DT 337); I.F.R.B. technical standards - draft recommendation to the C.C.I.R.

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Working Group 6C (Chairman : Mr. A. Heilmann) : consideration of Appendix B, Proposals 3049 and 4724; Recommendation No. 2, Proposal 3061; International Radio Consultative Committee Opinion No. 319; Article 18a and Appendix 5a, Proposals 1393 to 1403 and 2731; verbal reports by the Chairmen of Sub-Groups 6C4 and 6C5; consideration of new Proposal 4601.

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Committee 7 (Chairman : Mr. A.J. Ehnle) : report of Sub-Committee 7D (Document No. 335); report of Sub-Committee 7B on the guard-band of the frequency 2,182 kc/s (Document No. 356); consideration of Proposals 17 to 21; reports by the Chairmen of Sub-Committees 7A, 7B and 7C and of Group 7E.

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SOME FACTS AND FIGURES

We are happy to announce that Working Groups 4B4 and 4B6 together with Sub-Committee 4F, have now finished.

We are somewhat less happy to announce that the weekly output of documents is now no less than 900,000 pages. This is a new record, since the highest output ever recorded (one million pages a week, at Atlantic City) came at a time when three conferences were sitting simultaneously.

GLOSSARY OF TERMS

(ISSUED FOR THE BENEFIT OF LATE ARRIVALS)

- DEFINITIONS : Odd bits of language that greatly assist in the reduction of what might otherwise be dull moments in all meetings.
- EDITORIAL CHANGE : A change of no consequence usually of one word that alters the entire meaning of an article and makes necessary the rewriting of 3 or 4 other articles.
- "I HAVE NO STRONG FEELING IN THE MATTER" : An expression used to indicate that you will pursue to the death your original opinion.
- PROPOSED DRAFT : Anything you want to stuff down everybody's throat.
- RE-DRAFT : A change in substance upon which nobody can agree to another change upon which no one can agree. A sort of refresher.
- SECRETARIAT : A term applied to a nebulous group of people who are rarely seen but who perform enough work, usually at night, to put Alladin's lamp to shame.
- TRANSLATION UNIT : An electric device that enables you to shut out annoying conversation when in need of a nap.

(to be continued)

DISCUSSIONS

In one case out of a hundred a point is excessively discussed because it is obscure; in the ninety-nine remaining it is obscure because excessively discussed.

Edgar Allan Poe

TERMS OF REFERENCE OF WORKING, SUB-WORKING, AND SUB-  
SUB-WORKING GROUPS OF COMMITTEE 5

(3)

Committee 5 :

Chairman : Dr. Miroslav Joachim

Rapporteur : Mr. Jean Barailler

Terms of reference : Frequency registration procedure and  
International Frequency List problems

Working Group 5A :

Chairman : Mr. George Searle

Terms of reference : Frequency notification and registration  
procedure

Sub-Working Group 5A1 :

Chairman : Mr. A. Henry

Terms of reference : Drafting

Working Group 5B :

Chairman : Mr. J. A. Autelli

Terms of reference : International Frequency List problems

Sub-Working Group 5B1 :

Chairman : Mr. S. A. Sathar

Terms of reference : Problems of bands below .... kc/s

Sub-Sub-Working Group 5B1 - Region 1 :

Chairman : Mr. W. A. Kirkpatrick

Sub-Sub-Working Group 5B1 - Region 2 :

Chairman : Mr. A. J. Dawson

Sub-Sub-Working Group 5B1 - Region 3 :

Chairman : Mr. L. J. Keith

Sub-Working Group 5B2 :

Chairman : Mr. Arthur L. Lebel

Terms of reference : Aeronautical mobile service

Ad Hoc Group 5B2/1 :

Chairman : Mr. Arthur L. Lebel

Terms of reference : Consideration of Proposal 29 ter.

Sub-Working Group 5B3 :

Chairman : Mr. J. Bès

Terms of reference : Maritime mobile service

Sub-Working Group 5B4 :

Chairman : Mr. S. Gejer

Rapporteur : Mr. F. Axon

Terms of reference : High-frequency broadcasting

Sub-Working Group 5B5 :

Chairman : Mr. Shinkawa

Terms of reference : Fixed and mobile land services

N.B. This Sub-Group has already completed its work

Sub-Working Group 5B6 :

Chairman : Mr. P. N. Parker

Terms of reference : International Frequency List problems  
above 27.5 Mc/s

Ad Hoc Working Group 5 :

Chairman : Mr. M. N. Mirza

Terms of reference : Requests by new and developing countries

Ad Hoc Sub-Group 5 :

Chairman : Mr. M. N. Mirza

Sub-Working Group 4D6 :

Mr. J. Houtsmuller will be Chairman of this Sub-Working Group.

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LIST OF PARTICIPANTS

- 404. COMMITTEE ON SPACE RESEARCH (COSPAR)
- 412. UNION ASTRONOMIQUE INTERNATIONALE  
INTERNATIONAL ASTRONOMICAL UNION  
UNION ASTRONOMICA INTERCACIONAL
- 413. UNION RADIO SCIENTIFIQUE INTERNATIONALE (U.R.S.I.)  
INTERNATIONAL SCIENTIFIC RADIO UNION (U.R.S.I.)  
UNION RADIOCIENTIFICA INTERNACIONAL (U.R.C.I.)

Owing to the death of Dr. B. van der POL, and during the absence of Dr. H.C. van de HULST,

Mr. Charles L. SEEGER

will act as first observer for COSPAR, the International Astronomical Union and the International Scientific Radio Union.

REPRODUCTION OF THE FINAL ACTS

In yesterday's plenary meeting, the Conference adopted a proposal made by the Chairman, Mr. Charles J. Acton, and seconded by Australia and the United States, namely, that the Final Acts of the Conference should, in principle, appear in printed form, although the Administrative Council, to meet the following week, should be asked to consider the matter.

The Heads of the Italian, Argentine, and Colombian Delegations affirmed that the Council was not competent to do so.

The vote gave thirty-six in favour, seven against, and six abstentions.

A later plenary meeting will have to consider whether delegates shall be supplied with free copies of the Final Acts.



# THE MORNING ELECTRON

Vol. 1 - No. 41

GENEVA

Saturday, 10 October, 1959

Monday, 12 October, 1959

Published throughout

the I.T.U. Conferences

## A G E N D A

Saturday, 10 October, 1959 :

9 a.m. Sub-Committee 7A

Room F - Bâtiment Electoral

Monday, 12 October, 1959 :

9 a.m. Sub-Committee 4F

Room A - Bâtiment Electoral

9 a.m. Sub-Committee 5A

Room F - Bâtiment Electoral

9 a.m. Sub-Committee 6B

Room C - Palais des Expositions

9 a.m. Committee 7

Room D - Palais des Expositions

9 a.m. Working Group 7B4

Room K - Bâtiment Electoral

10.30 a.m. Special Sub-Working Group 7E

Room I - Bâtiment Electoral

11 a.m. Sub-Committee 7A

Room D - Palais des Expositions

3 p.m. Working Group 4E1

Room A - Bâtiment Electoral

3 p.m. Region 1 meeting 5B1

Room F - Bâtiment Electoral

3 p.m. Working Group 5B4

Room B - Palais des Expositions

3 p.m. Working Group 5A1

Room I - Bâtiment Electoral

3 p.m. Sub-Committee 6C

Room C - Palais des Expositions

3 p.m. Working Group 7B5

Room H - Bâtiment Electoral

3 p.m. Sub-Committee 7C

Cancelled

3 p.m. Working Group 7C3

Room D - Palais des Expositions

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ADMINISTRATIVE COUNCIL - SPECIAL SESSION

The I.T.U. Administrative Council will meet in special session on Monday and Tuesday this week, to consider the following problems:

- 1) whether the I.T.U. should join the United Nations common system; and
- 2) whether I.T.U. staff should be integrated into the United Nations Joint Staff Pension Fund.

COMMITTEE 4

At its meeting on Friday morning, under the chairmanship of Mr. E. J. Stewart, the Committee examined the reports presented by Working Group 4A and 4F. The Committee discussed the method of dealing with frequency requirements for radio astronomy. It was finally agreed not to establish a special or ad hoc group on this subject but that each of the existing Working Groups of Committee 4 would deal with the radio astronomy requirements appropriate to the frequency band they were considering. Continuity between the various Working Groups would be assisted by the offer of the Netherlands delegation to provide a chairman for the sub-groups.

CHANGE OF TIMETABLE OF 12-17 OCTOBER

The meeting of Working Group 4E, which was scheduled to meet in Room B on Tuesday, 13 October at 15.00 hours has been cancelled and has been replaced by a meeting of Sub-Working Group 4E3, to be held at the same time in the same room.

IN THE SPECIAL "INTERVIEWS" GROUP

It has been said that the special working party of Committee 5 called upon to assess the demands of the new and under-developed countries might well turn out to be a group of miracle-workers, because so much is expected of it. It is now about to turn itself into an "interview" group.

It has just been considering what questions it could put to the delegates of the countries which consider themselves "new" and "under development". It has evolved a kind of questionnaire for the purpose. This is not a form to be filled in; it is designed to provide information for the group and to enable it to conduct, in rather more orderly fashion, the interviews it is to give from the end of this week onwards.

The data so provided will not be made public, and indeed, will not be submitted in writing. All this means is that those members of the special group whose job it is to assemble data will be in a better position to assemble them, so that recommendations, perhaps, may be made later.

During its interviews, the group will try to get information on the following points :

1. What is the order of importance in which the Administration considers the following services (in the bands from 4-27.5 Mc/s) ?
  - a) national broadcasting (i.e., within the country) ?
  - b) international broadcasting (i.e., for reception outside the country) ?
  - c) international fixed services ?
  - d) national fixed services ?
2. As regards high-frequency broadcasting and tropical broadcasting :
  - a) are the I.F.R.B. draft plans, as they stand, satisfactory for (i) national and (ii) international broadcasting requirements ?
  - b) what are the minimum needs for national broadcasting (in frequency-hours per band) which can be used with the equipment now installed ?

(in answering question b), shew whether for day or night)

- c) of these minimum requirements, how many cannot at present be met in the appropriate bands without harmful interference ?

- d) what are your minimum requirements for international broadcasting (in frequency-hours per band), usable with the equipment now installed ?
- e) of these minimum requirements, how many cannot now be met in the appropriate bands without harmful interference ?

3. Fixed services :

- a) are you having difficulty with interference problems ? If so, did you try bilateral coordination, or did you ask the I.F.R.B. for help ? What was the outcome ?
- b) have you any special problems ? If so, what ?
- c) do you, in particular, have any difficulty with registration procedure ? If so, give details.
- d) are your international fixed services satisfactory ? If not, what do you think could be done ?
- e) are your national fixed services satisfactory ? If not, what do you think could be done ?
- f) have you any particular suggestions about your own requirements ? If so, state them briefly, with especial reference to (i) order of frequencies required; (ii) reception localities or areas, and (iii) hours of operation required.

4. Have you any particular difficulties with the other services ? If so, please describe them.

5. Would you like assistance in radio engineering, international monitoring, or any other similar matter ? How, do you think, should such assistance be provided ?

The Sub-Group responsible for assembling data will have a United States Chairman. It will be made up of delegates from Paraguay, the People's Republic of Albania, Ethiopia, Pakistan and the United States.

Anxious as we are in our humble way to help this special group in its activities, the Morning Electron will refrain from publishing anything at all about the work of the group while "interviews" are proceeding, by day or night.

TERMS OF REFERENCE OF WORKING GROUPS  
AND SUB-WORKING GROUPS OF COMMITTEE 6

Committee 6 - Technical Committee

Chairman: Mr. M. N. Mirza  
Rapporteur: Mr. G. C. Benton

Working Group 6A

Chairman: Mr. E. W. Allen  
Terms of Reference: Definitions  
Rapporteur: Mrs. A. Mooney

Sub-Working Group 6A1

Chairman: Mr. P. V. Akerlind  
Terms of Reference: Radio, Hertzian waves

Sub-Working Group 6A2

Chairman: Mr. F. M. Ryan  
Terms of Reference: Space Service, Telegraphy

Sub-Working Group 6A3

Chairman: Mr. A. H. Tintant  
Terms of Reference: Telemetering, Systems, Modulation

Sub-Working Group 6A4

Chairman: Mr. R. K. Starkie  
Terms of Reference: Radio navigation, Harbour Mobile Service

Sub-Working Group 6A5

Chairman: Mr. N. Roberts  
Terms of Reference: Definitions on assignments

Sub-Working Group 6A6

Chairman: Mr. G. C. Benton  
Terms of Reference: Characteristics of Emission

Sub-Working Group 6A7

Chairman: Mr. W. Kronjager  
Terms of Reference: Transmitter and Antenna Power

Sub-Working Group 6A8

Chairman: Mr. M. K. Basu  
Terms of Reference: Radio Noise and Interference

Working Group 6B

Chairman: Mr. J. K. S. Jowett  
Terms of Reference: Transmission Characteristics  
Rapporteur: Mr. A. E. Parker

Sub-Working Group 6B1

Chairman: Mr. M. Strohfeldt  
Terms of Reference: Classification of transmissions  
(RR 75 - 80)

Sub-Working Group 6B2

Chairman: Mr. Arnold G. Skrivseth  
Terms of Reference: RR Appendix 3

Sub-Working Group 6B3

Chairman: Mr. C. E. Secker  
Terms of Reference: RR Appendix 4

Working Group 6C

Chairman: Mr. A. Heilmann  
Rapporteur: Mr. C. E. Secker  
Terms of Reference: Interference, Monitoring

Sub-Working Group 6C1

Chairman: Mr. G. C. Benton  
Terms of Reference: Examination of Proposals to Article 13 RR

Sub-Working Group 6C2

Chairman: Mr. Y. Place

Terms of Reference: Examination of proposals to Article 14 RR

Sub-Working Group 6C3

Chairman: Mr. W. L. Browne

Terms of Reference: Examination of proposals to Article 14  
and Appendix 2 RR

Sub-Working Group 6C4

Chairman: Mr. W. L. Browne

Terms of Reference: Examination of proposals to Article 18

Sub-Working Group 6C5

Chairman: Mr. N. H. Roberts (I.F.R.B.)

Terms of Reference: Appendices to Article 18

Sub-Working Group 5B1

Terms of reference: the problems arising  
in the bands below 4,000 kc/s.



# THE MORNING ELECTRON

Vol. 1 - No. 42

G E N E V A

Tuesday, 13 October 1959

Published throughout the Meetings of  
the I.T.U. Conferences

## AGENDA

Tuesday, 13 October 1959

9 a.m.	Working Group 4C	Room A - Bâtiment Electoral
9 a.m.	Sub-Working Group 4E3	Room B - Palais des Expositions
9 a.m.	Sub-Working Group 5A1	Room I - Bâtiment Electoral
9 a.m.	Sub-Working Group 5B4	Room F - Bâtiment Electoral
9 a.m.	Working Group 6A	Room C - Palais des Expositions
9 a.m.	Sub-Committee 7B	Room D - Palais des Expositions
3 p.m.	Committee 4	Room A - Bâtiment Electoral
	Region 1 meeting 4D4	Cancelled
	Working Group 4E	Cancelled
3 p.m.	Working Group 5B	Room F - Bâtiment Electoral
3 p.m.	Sub-Working Group 6A5	Room L - Bâtiment Electoral
3 p.m.	Sub-Working Group 6C6	Room K - Bâtiment Electoral
	Working Group 7A2	Cancelled
3 p.m.	Working Group 7B6	Room I - Bâtiment Electoral
5 p.m.	Sub-Working Group 4D5	Room H - Bâtiment Electoral

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TODAY

Committee 4 (Chairman: Gunnar Pederson) is to study the first report by the Special Group on allocations for space research (Document No. 369) and the first report by Group 4B (Document No. 374).

Sub-Working Group 4D5 (Chairman: Borge Nielsen) will study proposals for frequency allocations in the band 100-108 Mc/s in Region 1 (Documents Nos. DT 122, Add. No. 6, and 303 and 366).

Sub-Committee 7B (Chairman: R.M. Billington) will study the final report by Working Group 7B1 (Document No. DT 411) and the report by Working Group 7B2 (Document No. DT 342 Rev.) and will examine Article 34: Radiotelephony in the maritime mobile service (Procedure).

DOCUMENT DISTRIBUTION

Henceforward the distribution of documents of the Administrative Radio Conference will be made, as before, at the counter facing the main entrance of the Bâtiment Electoral, half-way up the stairs leading to the meeting rooms; documents of the Plenipotentiary Conference will be distributed at the counter on the ground floor in the corridor to the right of the main entrance.

To avoid confusion, participants in both conferences are earnestly requested to show their identity cards when collecting documents.

GLOSSARY OF TERMS USED IN COMMITTEES

(ISSUED FOR THE BENEFIT OF LATE ARRIVALS) (2)

- Drafting Group : A number of unfortunate individuals who enjoy an absolute minimum of food and sleep and who spend their leisure time composing unacceptable sentences.
- Chairmen : Individuals who have been accorded a signal honor because of their tact, judgment, knowledge, understanding, affability, firmness and recognized ability to reconcile the irreconcilable.
- Sub-Committee : A sort of Chairman's survival craft.
- Document Section : An efficient apparatus that functions incessantly and which gives you papers by the kilo.
- Final Draft : Term applied to any material that will not last through the next meeting.
- Reconsideration : Something that the Committee does to any article upon which agreement has been reached.

(to be continued)

WORKING GROUP 5A (FREQUENCY NOTIFICATION AND REGISTRATION PROCEDURE)

Good progress was made by Working Group 5A at its meeting yesterday morning. Discussions on two of the agenda items, namely No. 6 "Review of Entries", and No. 7 "Cancellation of Entries" were completed and these will later go to the internal drafting group for consolidation, after the Chairman's summary. Discussions actually commenced on agenda item No. 8, "Studies, Advice and Recommendations of the Central Organ" and will be continued at the next meeting.

No meeting of Working Group 5A will take place on Wednesday morning which will be devoted to work by the drafting group. It is possible, however, that a meeting may be arranged for the second period of Friday morning, depending on the time taken for the scheduled meeting of Committee 5.

TERMS OF REFERENCE OF SUB-COMMITTEES AND WORKING GROUPS  
OF COMMITTEE 7

Committee 7:

Chairman : Mr. A.J. Ehnle  
Terms of Reference : Operations Committee  
Rapporteurs : Mr. G.F. Wilson  
Mr. J. Bès  
Mr. M.F. Cantero

Sub-Committee 7A:

Chairman : Mr. P. Bouchier  
Terms of Reference : General Operating Conditions  
Rapporteurs : Mr. R. Monnat  
Mr. W. Blow  
Mr. A. Carcano

Working Group 7A1:

Chairman : Mr. Nai-Ning Chen  
Terms of Reference : Standard license form

Working Group 7A2:

Chairman : Mr. M.S. Orr  
Terms of Reference : Radiotelephony certificates

Working Group 7A3:

Chairman : (United Arab Republic)  
Terms of Reference : Categories of ships

Sub-Committee 7B:

Chairman : Mr. R. Billington  
Terms of Reference : R.T.T. Procedure in Mobile Services  
Rapporteurs : Mr. G.F. Wilson  
Mr. J. Prunieras  
Mr. M.E. Iturrioz

Working Group 7B1:

Chairman : Mr. M.N. Brandao  
Terms of Reference : Q-codes

Working Group 7B2:

Chairman : Mr. J. Fontaine  
Terms of Reference : Working code for Maritime Mobile Service

Working Group 7B3:

Chairman : Mr. C. van Geel  
Terms of Reference : RR 504-508, 595-597 (finished)

Working Group 7B4:

Chairman : Mr. J. Prunieras  
Terms of Reference : Survival craft stations

Working Group 7B5:

Chairman : Mr. R.M. Billington  
Terms of Reference : Modification in passenger ship frequency bands

Working Group 7B6:

Chairman : Captain G. Van A. Graves  
Terms of Reference : VHF maritime radiotelephony

Sub-Committee 7C

Chairman : Captain G. Van A. Graves  
Terms of Reference : Distress and Safety  
Rapporteurs : Mr. R.T. Brown  
Mr. J. Fontaine  
Mr. F.A. Carcano

Working Group 7C1:

Chairman : Mr. J. Bès  
Terms of Reference : RR 232, 240 (distress)

Working Group 7C2:

Chairman : Mr. H. Embe  
Terms of Reference : Distress call transmission  
procedure (finished)

Working Group 7C3:

Chairman : Mr. W. Swanson  
Terms of Reference : Repetition distress calls

Sub-Committee 7D:

Chairman : Mr. A. Caruso  
Terms of Reference : Radiotelegrams (finished)  
Rapporteur : Mr. A. Adam

Working Group 7D1:

Chairman : Mr. W. Swanson  
Terms of Reference : Accounts

Working Group 7D2:

Chairman : Mr. G. Petrich  
Terms of Reference : Radiotelephone charges

Sub-Committee 7E:

Chairman : Mr. A. Caruso  
Terms of Reference : General proposals first pages  
Yellow Book

CONCERT ON 28 OCTOBER

Will the participants in the Radio Administrative and the Plenipotentiary Conferences who have received invitations for the Concert on 28 October at Victoria Hall please return to the Secretary General of the Administrative Council of the City of Geneva the tear-off counterfoil attached to the invitation cards at their earliest convenience, indicating whether or not they propose to attend the Concert so that tickets may be sent to them in good time.

LIST OF PARTICIPANTS

A provisional list of participants in the Plenipotentiary Conference consisting of three sections A, B and C, will be distributed as soon as it is printed. The list should be inserted in the cover containing the list of participants in the Radio Administrative Conference after leaflet "7" entitled "Plenipotentiary Conference".

A revised list prepared on the basis of information supplied by the participants at the time of registration will be issued at a later date.



# THE MORNING ELECTRON

Vol. One-No. 43

G E N E V A

Wednesday, 14 October 1959

Published throughout the meetings  
of the I.T.U. Conferences.

## AGENDAS

Wednesday, 14 October 1959

### PLENIPOTENTIARY CONFERENCE

10 a.m.	Meeting of the Heads of Delegations	Room A - Bâtiment Electoral
4 p.m.	First plenary meeting	Room A - Bâtiment Electoral

### RADIO CONFERENCE

9 a.m.	Working Group 4D	Room C - Palais des Expositions
9 a.m.	Sub-Working Group 4E1	Room 3 - Palais des Expositions
9 a.m.	Working Group 5A	Cancelled
9 a.m.	Sub-Working Group 5A1	Room I - Bâtiment Electoral
9 a.m.	Sub-Working Group 6B3	Room K - Bâtiment Electoral
9 a.m.	Sub-Committee 7A	Room D - Palais des Expositions
9 a.m.	Working Group 7C3	Room H - Bâtiment Electoral
11 a.m.	Sub-Working Group 4E2	Room B - Palais des Expositions
2.30 p.m.	Sub-Working Group 5B4	Room F - Bâtiment Electoral
3 p.m.	Working Group 4C	Room B - Palais des Expositions
3 p.m.	Sub-Working Group 4E2	Room E - Bâtiment Electoral
3 p.m.	Working Group 6B	Room C - Palais des Expositions
3 p.m.	Working Group 7B5	Room H - Bâtiment Electoral
3 p.m.	Sub-Committee 7C	Room D - Palais des Expositions

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TODAY

AT THE PLENIPOTENTIARY CONFERENCE

At the plenary meeting at 4 p.m.:

1. Address by the Chairman of the Administrative Council, formally opening the Conference.
2. Reply address on behalf of visiting delegations.
3. Statement by the Acting Secretary-General.
4. Election of the Chairman of the Conference.
5. Election of the Vice-Chairman of the Conference.
6. Constitution of the Secretariat of the Conference.
7. Agenda and Committee Structure of the Conference. (Documents Nos. 2 and 9)
8. Proposals by the Chairman for Chairman and Vice-Chairman of Committees.
9. Invitations to the Conference (Document No. 3)
10. Working Hours of the Conference.
11. Schedule of Meetings.

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AT THE RADIO CONFERENCE

Working Group 4D (Chairman: C. W. Sowton) :

examination of proposals for frequency allocations in the bands 335.4 - 420 Mc/s (Doc. No. DT 122, Add. 14); in bands 420 - 450 Mc/s (Doc. No. DT 122, Add. 15); and in bands 450 - 470 Mc/s (Doc. No. DT 122, Add. 16).

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I.T.U. STAMPS

Special I.T.U. stamps are on sale at the Post Office at the Bâtiment Electoral.

On the opening day of the Plenipotentiary Conference (Wednesday, 14 October) - and only on that day - letters deposited at the Bâtiment Electoral Post Office will be franked with a special rubber stamp.

"THE LITTLE FINGER AND THE HAND"

Today Committee 4 examined the first report of the Special Group responsible for the study of frequency allocation for space research.

The Chairman, Mr. Pedersen, said that the problem was one of great importance since it was both a matter of an investment designed to produce a substantial dividend and one opening up immense possibilities for research and utilization in the future.

The Chairman also stressed the fact that, although for the time being it was merely a matter of meeting the requirements for space research in the near future, it should not be overlooked that the proposals were, in a manner of speaking, the little finger which would soon give way to the whole hand.

The representatives of Mexico, Greece, Turkey and Bulgaria observed that certain technical difficulties might be encountered in applying the recommendations and suggestions put forward by the Special Group.

The delegate of France, who was also his country's representative in the Special Group, gave some clarification of a technical nature. He stressed that the Geneva Conference would be well advised to entrust a specific task such as this to Study Group 4 of the C.C.I.R. whose responsibility it was to deal with problems of space communications and which, at present had no well defined or comprehensive agenda.

Committee 4 decided to refer forthwith the first report of the Special Working Group to Working Groups 4C and 4D for study.

The Committee adopted, by 50 votes to 2 and with 4 abstentions, the findings contained in the first report of Working Group 4B.

IMPORTANT

The Sub-Group of the Committee 5 ad hoc group ("Needs of New and Developing Countries") wishes to call attention to the necessity of submitting its report to the ad hoc group as soon as possible. Accordingly, those delegates wishing to be interviewed are requested to complete the Annex to Document DT 468 as soon as possible in order that all interviews may be completed not later than Thursday, 22 October 1959.

CONCERT ON 28 OCTOBER

Will the participants in the Radio Administrative and the Plenipotentiary Conferences who have received invitations for the Concert on 28 October at Victoria Hall please return to the Secretary General of the Administrative Council of the City of Geneva the tear-off counterfoil attached to the invitation cards at their earliest convenience, indicating whether or not they propose to attend the Concert so that tickets may be sent to them in good time.

LIST OF PARTICIPANTS

A provisional list of participants in the Plenipotentiary Conference consisting of three sections A, B and C, will be distributed as soon as it is printed. The list should be inserted in the cover containing the list of participants in the Radio Administrative Conference after leaflet "7" entitled "Plenipotentiary Conference".

A revised list prepared on the basis of information supplied by the participants at the time of registration will be issued at a later date.

DOCUMENT DISTRIBUTION

Henceforward the distribution of documents of the Administrative Radio Conference will be made, as before, at the counter facing the main entrance of the Bâtiment Electoral, half-way up the stairs leading to the meeting rooms; documents of the Plenipotentiary Conference will be distributed at the counter on the ground floor in the corridor to the right of the main entrance.

To avoid confusion, participants in both conferences are earnestly requested to show their identity cards when collecting documents.

SUB-WORKING GROUP 4B2

The meeting of Sub-Working Group 4B2 arranged for Wednesday, as announced in the Sub-Group's agenda, will now be held on Thursday at the same time and in the same room.

### LISTE DES PARTICIPANTS

On trouvera ci-dessous les informations les plus récentes concernant la composition des délégations tant à la Conférence administrative des Radiocommunications qu'à la Conférence de Plénipotentiaires.

Une liste révisée des participants à la Conférence administrative des Radiocommunications va paraître prochainement. Les informations qui figurent ci-après pour cette conférence sont postérieures à celles qui figureront dans la liste révisée.

Pour la Conférence de plénipotentiaires, les informations que l'on trouvera plus loin sont postérieures à celles qui figurent dans la liste provisoire actuellement en distribution.

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### LIST OF PARTICIPANTS

The latest information regarding the composition of the delegations both to the Administrative Radio and the Plenipotentiary Conferences is set out below.

A revised list of participants in the Administrative Radio Conference will be issued shortly. The information relating to this Conference given below is more recent than that contained in the revised list.

As regards the Plenipotentiary Conference, the information set out hereunder is more up to date than that contained in the provisional list now being distributed.

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### LISTA DE PARTICIPANTES

A continuación publicamos las últimas informaciones sobre la composición de las Delegaciones que participan en la Conferencia Administrativa de Radiocomunicaciones y en la Conferencia de Plenipotenciarios.

En breve se publicará una lista revisada de los participantes en la Conferencia Administrativa de Radiocomunicaciones. Las informaciones que se dan a continuación sobre esta Conferencia son más recientes que las que figurarán en dicha lista revisada.

En lo que respecta a la Conferencia de Plenipotenciarios, las informaciones que más adelante se incluyen son también posteriores a las que figuran en la lista provisional en curso de distribución.

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CONFERENCE ADMINISTRATIVE DES RADIOCOMMUNICATIONS  
ADMINISTRATIVE RADIO CONFERENCE  
CONFERENCIA ADMINISTRATIVA DE RADIOCOMUNICACIONES

Arrivées récentes et nouvelles désignations  
Nominations and new arrivals  
Designaciones y llegadas recientes

6. AUTRICHE  
AUSTRIA

Délégué / Delegate / Delegado

M. Josef JANSKY  
Ingénieur, Office fédéral  
de l'aviation civile

Rue de Chantepoulet 3  
Genève

21. CONGO BELGE et Territoire du RUANDA-URUNDI  
BELGIAN CONGO and Territory of RUANDA-URUNDI  
CONGO BELGA y Territorio de RUANDA-URUNDI

Délégué / Delegate / Delegado

M.G. BRIDOUX  
Ingénieur du Service des  
Télécommunications

Hôtel Victoria  
Rue Pierre-Fatio 11  
Genève  
T. 36 91 40

24. CUBA

Délégué / Delegate / Delegado

Ingeniero Pedro Waldo Luis TORRES

30. ESPAGNE  
SPAIN  
ESPAÑA

Délégué / Delegate / Delegado

Ilmo. Sr. D. Pedro MAFFEI CARBALLO  
Ingeniero Jefe de la Sección de  
Radiocomunicaciones de la Dirección  
General de Correos y Telecomunicación

Central Meublé  
Rue Rôtisserie 2  
Genève

- 46.. IRLANDE  
IRELAND  
IRLANDA

Délégué / Delegate / Delegado

Mr. T.P. SEOIGHE  
Head of Division  
Dept. of Posts and Telegraphs

Hôtel Eden  
Rue de Lausanne 135  
Genève  
T. 32 65 40

51. JORDANIE (Royaume Hachémite de)  
JORDAN (Hashemite Kingdom of)  
JORDANIA (Reino Hachemita de)

H.E. Abdul Meguid MORTADA  
Under-Secretary of State  
Ministry of Communications

Hôtel Alba  
Rue Mont-Blanc 19  
Genève  
T. 32 67 07

69. PAYS-BAS, SURINAM, ANTILLES Néerlandaises, NOUVELLE-GUINEE  
NETHERLANDS, SURINAM, NETHERLANDS ANTILLES, NEW GUINEA  
PAÍSES BAJOS, SURINAM, ANTILLAS Neerlandesas, NUEVA GUINEA

Conseiller / Adviser / Asesor

Mr. C.J. Th. WESTERTERP  
Executive Officer

Hôtel Bellevue  
Ferney-Voltaire  
(Ain) France

72. POLOGNE (République Populaire de)  
POLAND (People's Republic of)  
POLONIA (República Popular de)

Délégué / Delegate / Delegado

M. Jerzy ZIOLKOWSKI  
Directeur, Ingénieur

Hôtel de Genève  
Rue des Pâquis 27  
Genève  
T. 32 70 55

Expert / Consultant / Asesor

M. Czeslaw WESOLOWSKI  
Ingénieur

Hôtel de Genève  
Rue des Pâquis 27  
Genève  
T. 32 70 55

75. PROVINCES PORTUGAISES D'OUTRE-MER  
PORTUGUESE OVERSEA PROVINCES  
PROVINCIAS PORTUGUESAS DE ULTRAMAR

Délégué / Delegate / Delegado

M. Joaquim Arnaldo ROGADO QUINTINO  
Directeur de 1ère classe en Service  
dans la Commission Consultative  
et de révision de la législation des  
C.T.T.U.

Rue du Mont-Blanc 9  
Genève  
T. 32 59 14

76. REPUBLIQUE ARABE UNIE  
UNITED ARAB REPUBLIC  
REPÚBLICA ÁRABE UNIDA

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

M. Anis Tewfik EL BARDAI  
Ingénieur  
Directeur général de l'Administration  
des radiocommunications

Hôtel Suisse  
Place Cornavin 10  
Genève  
T. 32 66 30

82. ROYAUME-UNI de la GRANDE-BRETAGNE et  
de l'IRLANDE DU NORD  
UNITED KINGDOM OF GREAT BRITAIN AND  
NORTHERN IRELAND  
REINO UNIDO DE GRAN BRETAÑA e  
IRLANDA DEL NORTE

Délégué / Delegate / Delegado

Colonel A.L. ATKINSON, O.B.E.  
Ministry of Defence  
London  
(and Mrs)

Hotel Ariana  
Rue J.-R.-Chouet 7  
Genève  
T. 34 60 60

83. SOUDAN (République du)  
SUDAN (Republic of)  
SUDÁN (República de)

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

Mr. Suliman HUSSEIN  
Director, P.T.T.

Hôtel Cornavin  
Place Cornavin  
Genève  
T. 32 66 60

Délégué / Delegate / Delegado

M. Hassan Ibrahim BESHIR  
Assistant Controller  
Telegraph Service

Hôtel Excelsior  
Rue Rousseau 34  
Genève  
T. 32 09 45

403. ORGANISATION INTERNATIONALE DE RADIODIFFUSION ET DE  
TELEVISION (O.I.R.T.)  
INTERNATIONAL BROADCASTING AND TELEVISION ORGANIZATION  
(I.B.T.O.)  
ORGANIZACIÓN INTERNACIONAL DE RADIODIFUSIÓN Y DE  
TELEVISIÓN (O.I.R.T.)

Chef des Observateurs / Chief Observer /  
Jefe de los Observadores

M.G. PROBST

Hôtel Excelsior  
Rue Rousseau 34  
Genève  
T. 32 09 45

Changements d'adresse  
Changes of Address  
Cambios de dirección

15. CEYLAN  
CEYLON  
CEILÁN

Délégué / Delegate / Delegado

Mr. Norman S. WICHREMASINGHE  
Chief Engineer  
Radio Ceylon

Hôtel Pacific  
Rue des Pâquis 44  
Genève  
T. 32 64 67

25. DANEMARK  
DENMARK  
DINAMARCA

Délégué / Delegate / Delegado

M. Kai Nyborg ANDERSEN  
Inspecteur  
Ministère du Commerce

Hôtel Pacific  
Rue des Pâquis 44  
Genève  
T. 32 64 67

42. INDE (République de l.)  
INDIA (Republic of)  
INDIA (República de)

Délégué / Delegate / Delegado

Lt. Col. S.R. KHURANA  
General Staff Officer, I  
Communications & Security  
Signal Directorate  
Army Headquarters  
(and Mrs)

Hôtel Adriatica  
Rue Sautter 21  
Genève  
T. 26 42 40

66. PAKISTAN  
PAKISTÁN

Chef adjoint de la délégation / Alternate Leader  
of the Delegation / Jefe adjunto de la delegación

M. S.S.A. SATHAR  
General Manager Telephones  
Karachi

Hôtel Mon Repos  
Rue de Lausanne 131  
Genève  
T. 32 80 10

Délégués / Delegates / Delegados

Mr. Irfan ULLAH  
Research Engineer,  
Radio Pakistan

Hôtel Mon Repos  
Rue de Lausanne 131  
Genève  
T. 32 80 10

Mr. A.M. QURESHY  
Assistant Director of  
Communications  
Civil Aviation  
Secretary to the  
Delegation

Hôtel Mon Repos  
Rue de Lausanne 131  
Genève  
T. 32 80 10

Major Muhammad IQBAL  
Armed Forces

Hôtel Mon Repos  
Rue de Lausanne 131  
Genève  
T. 32 80 10

73. PORTUGAL

Colonel Manuel Norton BRANDÃO  
Sous-Secrétariat d'Etat à  
l'Aéronautique  
(et Mme et 3 fils)

Hôtel Excelsior  
Rue Rousseau 34  
Genève  
T. 32 09 45

203. COMPAGNIE PORTUGAISE RADIO MARCONI

Représentant / Representative / Representante

Ingénieur Alexandre Manuel da  
Conceição CUNHA

Hôtel Alba  
Rue Mont-Blanc 19  
Genève  
T. 32 67 07

Autres informations

Other information

Otras informaciones

13. CAMBODGE (Royaume du)  
CAMBODIA (Kingdom of)  
CAMBODIA (Reino de)

La délégation du Cambodge à la Conférence  
administrative des radiocommunications a quitté  
Genève définitivement à la date du 12 octobre.

73. PORTUGAL

Délégué / Delegate / Delegado

Lire Lieutenant de vaisseau  
Read Jaime de OLIVEIRA LEANDRO  
Léase Marine Portugaise  
Secrétaire de la Commission de  
coordination des télécommunications  
Département de la Défense Nationale

85. SUISSE (Confédération)  
SWISS CONFEDERATION  
SUIZA (Confederación)

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

M. Adolf WETTSTEIN  
(et Mme)

supprimer l'adresse à Genève

90. TURQUIE  
TURKEY  
TURQUÍA

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

Mr. Talât TOLUNAY

sera remplacé à partir du 14 octobre par

Mr. Galip YENAL  
Ingénieur et Premier  
Conseiller au Ministère  
des Communications  
(et Mme)

Hôtel Pacific  
Rue des Pâquis  
Genève  
T. 32 64 67

CONFERENCE DE PLENIPOTENTIAIRES

Les noms précédés d'un astérisque sont ceux de membres de délégations à la Conférence de plénipotentiaires qui font également partie de la délégation de leur pays à la Conférence administrative des radiocommunications.

Délégations récemment désignées et délégations  
dont la composition a été considérablement modifiée

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PLENIPOTENTIARY CONFERENCE

The names marked with an asterisk concern members of delegations to the Plenipotentiary Conference who are also members of the delegation of their country to the Administrative Radio Conference.

Delegations newly appointed or the composition  
of which has been greatly modified

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CONFERENCIA DE PLENIPOTENCIARIOS

Los nombres que van precedidos de un asterisco son los de los miembros de las delegaciones en la Conferencia de plenipotenciarios que forman parte también de la delegación de su país en la Conferencia Administrativa de Radiocomunicaciones.

Delegaciones recientemente designadas y delegaciones cuya  
composicion se ha modificado considerablemente

- 
3. ARABIE SAOUDITE (Royaume de l')  
SAUDI ARABIA (Kingdom of)  
ARABIA SAUDITA (Reino de)

Chef de la délégation / Head of the Delegation  
Jefe de la delegacion

\*Mr. Ahmed ZIDAN  
Director General of Posts  
and Telecommunications

Hôtel Excelsior  
Rue Rousseau 34  
Genève  
T. 32 09 45

Délégué / Delegate / Delegado

\*Mr. Mahmood MURDAD  
Assistant Chief Engineer  
(and Mrs)

"

4. ARGENTINE (République)  
ARGENTINE (Republic)  
ARGENTINA (Republica)

Ajouter - add - anadir

Déléguées / Delegates / Delegados

\*Teniente Coronel Pablo Enrique COMINO  
(Secretaría de Guerra)

Av. de Champel 25c  
Genève  
T. 35 60 33

\*Comandante Martin E. ITURRIOZ  
(Secretaría de Aeronáutica)

Av. de Champel 25c  
Genève  
T. 35 60 33

\*Comandante José Aldo SENESTRARI  
(Secretaría de Aeronáutica)

Av. de Champel 25c  
Genève  
T. 35 60 33

\*Sr. Alfredo O. PLANAS  
Jefe Division técnica  
Dirección general de la  
Aviación civil

Hôtel Excelsior  
Rue Rousseau 34  
Genève  
T. 32 09 45

\*Sr. José Juan MASEDA  
Subof. Ppl Mec. Rad. Enc.  
Prop. y Ant.

Av. de Champel 25c  
Appt. 18  
Genève  
T. 35 60 33

12. BULGARIE (République populaire de)  
BULGARIA (People's Republic of)  
BULGARIA (Republica Popular de)

Chef de la délégation / Head of the Delegation  
Jefe de la delegacion

M. Ivan PARVANOV PEYTCHEV  
Chef adjoint du Département des  
Communications auprès du Ministère  
des Transports et Communications

Délégués / Delegates / Delegados

\*M. Ivan Markov TRIFONOV  
Chef de la Division "Radio et TV"  
auprès du Département des  
Communications, Ministère des  
Transports et Communications

Grand-Rue 10  
Genève  
T. 25 59 96

M. Ivan PETROV  
Deuxième Secrétaire de Légation  
auprès de la Représentation  
permanente bulgare à Genève

Rue Crespin 12  
Genève  
T. 36 02 04

15. CEYLAN  
CEYLON  
CEILÁN

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

\*Mr. Don Paulis JAYASEKARA  
Assistant Chief  
Telecommunication Engineer  
Dept. of Posts and  
Telecommunications

Hôtel Suisse  
Place Cornavin  
Genève  
T. 32 66 30

Délégué / Delegate / Delegado

Mr. C.A.R. ANKETELL

Hôtel Cornavin

42. INDE (République de l')  
INDIA (Republic of)  
INDIA (Republica de)

Chef de la délégation / Leader of the Delegation  
Jefe de la delegación

Mr. M. PHILIP  
Secretary, Ministry of  
Transport and Communications

Chef adjoint de la délégation / Alternate Leader of  
the Delegation / Jefe de la delegación

\*Dr. Manohar Balaji SARWATE  
Adviser, Wireless Planning &  
Co-ordination  
Ministry of Transport &  
Communications

Hôtel Richemond  
Rue A. Fabri 8-10  
Genève  
T. 32 71 20

Délégués / Delegates / Delegados

Mr. H.N. MUKERJEE  
Telecommunications Adviser  
High Commission of India

Hôtel Richemond  
Rue A. Fabri 8 - 10  
Genève  
T. 32 71 20

\*Shri Mikir Kumar BASU  
Assistant Director  
Wireless Planning & Co-ordination  
Ministry of Transport &  
Communications

Hôtel Richemond  
Rue A.-Fabri 8 - 10  
Genève  
T. 32 71 20

46. IRELANDE  
IRELAND  
IRLANDA

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

\*Mr. L. O'BROIN  
Secretary, Department of  
Posts and Telegraphs

Délégués / Delegates / Delegados

Mr. J. A. SCANNELL  
Assistant Secretary  
Dept. of Posts and Telegraphs

\*Mr. T.P. SEOIGHE  
Head of Division  
Dept. of Posts and Telegraphs

Hôtel Eden  
Rue de Lausanne 135  
Genève  
T. 32 65 40

\*Mr. Sean O'DROMA  
Head of Division  
Dept. of Posts and Telegraphs

"

\*Mr. Gerald E. ENRIGHT  
Asst. Engineer-in-Chief  
Dept. of Posts and Telegraphs

"

78. REPUBLIQUE FEDERATIVE POPULAIRE DE YUGOSLAVIE  
FEDERAL PEOPLE'S REPUBLIC OF YUGOSLAVIA  
REPUBLICA FEDERATIVA POPULAR DE YUGOESLAVIA

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

M. Vladimir SENK  
Directeur suppléant  
des P.T.T.

Hôtel Pacific  
Rue des Pâquis 44  
Genève  
T. 32 64 67

Délégué / Delegate / Delegado

Ingénieur Ivan LIPKOVIC  
Conseiller de la Direction  
générale des P.T.T.

Hôtel Pacific  
Rue des Pâquis 44  
Genève  
T. 32 64 67

82. ROYAUME-UNI DE LA GRANDE-BRETAGNE ET DE L'IRELANDE DU NORD  
UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND  
REINO UNIDO DE GRAN BRETAÑA e IRLANDA DEL NORTE

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

Sir Thomas RAPP, K.B.E., C.M.G., M.C. formerly Ambassador in Her Majesty's Foreign Service (and Lady Rapp)	Hôtel Beau-Rivage Quai Mont-Blanc 13 Genève T. 32 64 80
---	--

Chef adjoint de la délégation / Deputy Head of the Delegation  
Jefe adjunto de la delegación

Mr. W.A. WOLVERSON, C.B. Director of Radio Services, G.P.O.	Hôtel Régina Quai Mont-Blanc 7 Genève T. 32 61 75
--	--

Délégués / Delegates / Delegados

Mr. H.A. DANIELS Assistant Secretary, G.P.O.	"
---	---

Miss E.M. PERRY Principal, G.P.O.	"
--------------------------------------	---

*Mr. William Arthur KIRKPATRICK Principal, G.P.O.	Hôtel des Familles Rue de Lausanne 14 Genève T. 32 60 20
--	---

*Mr. Eric SHARPÉ, H.B.E. Principal, G.P.O.	"
---	---

*Mr. Robert M. SANER, O.B.E. Counsellor, Foreign Office (and Mrs and 2 children)	"
--	---

*Mr. F. BURROWS Assistant Legal Adviser Foreign Office	"
--	---

Suppléant  
Alternate  
Suplente

Mr. I.M. SINCLAIR Assistant Legal Adviser Foreign Office	
--	--

Mr. T.C. WEAVER Senior Executive Officer, G.P.O.	Hôtel Régina Quai Mont-Blanc 7 Genève T. 32 61 75
---	--

82. ROYAUME-UNI DE LA GRANDE-BRETAGNE ET DE L'IRLANDE DU NORD (suite)  
UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND (contd)  
REINO UNIDO DE GRAN BRETAÑA E IRLANDA DEL NORTE (continuación)

\*Mr. F. HENDERSON  
Senior Executive Officer, G.P.O.

Hôtel des Familles  
Rue de Lausanne 14  
Genève  
T. 32 60 20

Attachés / Agregados

Miss P. PANICHELLI  
Higher Executive Officer, G.P.O.  
(Secretary to the Delegation)

Hôtel Régina  
Quai Mont-Blanc 7  
Genève  
T. 32 61 75

Miss V.M. NULLIS  
Executive Officer, G.P.O.

"

Secrétariat / Secretariat / Secretaria

Suppléant  
Alternate  
Suplente

Miss O.D.T. BLAND  
Conference Officer, Foreign Office

Miss S.M. STRACHAN  
Conference Officer, Foreign Office

Miss M.D. COLTMAN  
Clerk-Secretary, G.P.O.

Hôtel Régina  
Quai Mont-Blanc 7  
Genève  
T. 32 61 75

Miss C. MATTERS  
Clerk-Secretary, G.P.O.

"

Mrs. P.M. MONTROSE  
Clerk-Secretary, G.P.O.

"

Miss I.M. KEILLER  
G.P.O.

"

86. TCHECOSLOVAQUIE  
CZECHOSLOVAKIA  
CHECOESLOVAQUIA

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

M. Juraj MAŇÁK  
Vice-Ministre des Postes et  
Télécommunications

Hôtel des Lions  
Passage des Lions 5  
Genève  
T. 24 75 81

86. TCHECOSLOVAQUIE (suite)  
CZECHOSLOVAKIA (contd)  
CHECOESLOVAQUIA (continuación)

Chef adjoint de la délégation / Deputy Head of the Delegation  
Jefe adjunto de la delegación

M. Gustav VODNÁNSKY  
Chef de la Division internationale du  
Ministre des Postes et Télécommunications

Hôtel des Lions  
Passage des Lions 5  
Genève  
T. 24 75 81

Délégués / Delegates / Delegados

M. Jan MUŽÍK  
Chef adjoint de la délégation permanente  
de la République tchécoslovaque auprès  
de l'Office européen des Nations Unies  
à Genève

Chemin des Crettets 5  
Conches  
Genève  
T. 35 23 47

M. Stanislav HOUDEK  
Membre de la Division internationale  
du Ministre des Postes et Télécommuni-  
cations

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90. TURQUIE  
TURKEY  
TURQUÍA

Chef de la délégation / Head of the Delegation  
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94. VENEZUELA (République de)  
VENEZUELA (Republic of)  
VENEZUELA (República de)

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Jefe de la delegación

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Sr. D. Guillermo S. GARCIA

8. BIELORUSSIE (République Socialiste Soviétique de)  
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BIELORRUSIA (Republica Socialista Soviética de)

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

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9. BIRMANIE (Union de)  
BURMA (Union of)  
BIRMANIA (Unión de)

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

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Mr. Shu-jen CHEN

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Conseiller / Adviser / Asesor

Mr. S.L. CHIANG

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21. CONGO BELGE et Territoire du RUANDA-URUNDI  
BELGIAN CONGO and Territory of RUANDA-URUNDI  
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22. COREE (République de)  
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Mr. Nam Soo LIM

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Mr. Cho Wook PAK

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31. ETATS-UNIS D'AMERIQUE  
UNITED STATES OF AMERICA  
ESTADOS UNIDOS DE AMERICA

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

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34. FRANCE  
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38. GUINEE (République de)  
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GUINEA (República de)

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Délégués / Delegates / Delegados

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M. Franz REIMERINGER

"

41. HONGROISE (République populaire)  
HUNGARIAN PEOPLE'S REPUBLIC  
HUNGARIA (República Popular)

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

M. Bela KOVESI

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41. HONGROISE (République populaire) (suite)  
HUNGARIAN PEOPLE'S REPUBLIC (contd)  
HUNGARA (Republica Popular) (continuacion)

Délégués / Delegates / Delegados

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M. Lajos MONUS

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48. ISRAEL (Etat d')  
ISRAEL (State of)  
ISRAEL (Estado de)

Délégué / Delegate / Delegado

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(and Mrs)

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50. JAPON  
JAPAN  
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Conseiller / Adviser / Asesor

Mr. Mitsuo KOJIMA

"

Attaché / Agregado

Mr. Akira ABE

"

58. MALAISIE (Fédération de)  
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MALAYA (Federación)

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

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Jefe adjunto de la delegación

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60. MEXIQUE  
MEXICO  
MEXICO

Secrétaire / Secretary / Secretario

Sr. D. Joel GALVÁN TALLEDOS

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64. NORVEGE  
NORWAY  
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Chef de la délégation / Head of the Delegation  
Jefe de la delegación

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Délégué / Delegate / Delegado

\*M. A. STRAND

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66. PAKISTAN  
PAKISTAN

Délégué / Delegate / Delegado

\*Mr. S.A. SATHAR

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69. PAYS-BAS, SURINAM, ANTILLES Néerlandaises, NOUVELLE-GUINEE  
NETHERLANDS-SURINAM, NETHERLANDS ANTILLES, NEW GUINEA  
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Délégués / Delegates / Delegados

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72. POLOGNE (République populaire de)  
POLAND (People's Republic of)  
POLONIA (República popular de)

Chef adjoint de la délégation / Deputy Head of the Delegation  
Jefe adjunto de la delegación

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Conseiller du Président du Comité de la  
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Ministres

M. Jan KARAS

"

M. Jaroslaw DUNIN

"

73. PORTUGAL

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

M. l'ingénieur Henrique Manuel  
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73. PORTUGAL (suite) (contd) (continuación)

Délégués / Delegates / Delegados

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M. Antonio de SOUSA

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M. le Capitaine de Frégate  
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PROVINCÍAS PORTUGUESAS DE ULTRAMAR

Délégué / Delegate / Delegado

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77. REPUBLIQUE FEDERALE D'ALLEMAGNE  
FEDERAL GERMAN REPUBLIC  
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REPÚBLICA SOCIALISTA SOVIETICA DE UCRANIA

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

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83. SOUDAN (République du)  
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SUDAN (República de)

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\*Mr. Hassan Ibrahim BESHIR

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85. SUISSE (Confédération)  
SWISS CONFEDERATION  
SUIZA (Confederación)

Délégué / Delegate / Delegado

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87. TERRITOIRES DES ETATS-UNIS D'AMERIQUE  
TERRITORIES OF THE UNITED STATES OF AMERICA  
TERRITORIOS DE LOS ESTADOS UNIDOS DE AMERICA

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

Miss Helen G. KELLY

Hôtel Beau-Rivage  
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91. UNION DE L'AFRIQUE DU SUD et TERRITOIRE DE L'AFRIQUE DU SUD-OUEST  
UNION OF SOUTH AFRICA AND TERRITORY OF SOUTH-WEST AFRICA  
UNION SUDAFRICANA Y TERRITORIO DE AFRICA DEL SUDOESTE

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

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Délégué / Delegate / Delegado

Mr. James Edward MELLON

92. UNION DES REPUBLIQUES SOCIALISTES SOVIETIQUES  
UNION OF SOVIET SOCIALIST REPUBLICS  
UNION DE REPUBLICAS SOCIALISTAS SOVIÉTICAS

Délégués / Delegates / Delegados

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M. I.M. ROMANOV

Traductrice / Translator / Traductora

Mme O.A. GORCHKOVA

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BRITISH EAST AFRICA  
AFRICA ORIENTAL BRITÁNICA

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

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Autres informations / Other information / Otros asuntos

24. CUBA

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

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(In the absence of ) S.E. el Señor Ingeniero Enrique OLTUSKI y OZAKI  
(En ausencia de )

S.E. el Señor Doctor Enrique CAMEJO-ARGUDIN

Ajouter / Add / Añadir

Délégué / Delegate / Delegado

Ingeniero Pedro Waldo Luis TORRES

31. ETATS-UNIS D'AMERIQUE  
UNITED STATES OF AMERICA  
ESTADOS UNIDOS DE AMERICA

Délégués / Delegates / Delegados

Ajouter dans l'ordre alphabétique / Add in alphabetical order  
Añadir en orden alfabético

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Mr. H. WOODWARD  
Chief, Intern. Division  
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\*Mr. William HATTON

Mr. Harold R. HUNTLEY

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GREECE  
GRECIA

Chef adjoint de la délégation / Deputy Head of the Delegation  
Jefe adjunto de la delegación

\*M. Anastassios IELAKIS

66. PAKISTAN  
PAKISTÁN

Chef de la délégation / Head of the Delegation  
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H.E. Mr. Ikbāl ATHAR  
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(remplace / replaces / reemplaza)

H.E. Mr. S.A. BAIG

76. REPUBLIQUE ARABE UNIE  
UNITED ARAB REPUBLIC  
REPÚBLICA ÁRABE UNIDA

Délégué / Delegate / Delegado

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SWISS CONFEDERATION  
SUIZA (Confederación)

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Jefe adjunto de la delegación

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TUNISIA  
TÚNEZ

Délégués / Delegates / Delegados

lire / read / léase

M. Habib Ben Cheick HAMOUDA

ajouter / add / añadir

M. Abdallah BELLIL  
Ingénieur des travaux du Service de la  
Navigation aérienne et de la météorologie



# THE MORNING ELECTRON

Vol. 1 - N° 44

G E N E V A

Thursday, 15 October, 1959

Published throughout the

I.T.U. Conferences

## AGENDA

Thursday, 15 October, 1959

### PLENI POTENTIARY CONFERENCE

9.30 a.m. Plenary Meeting Room A - Bâtiment Electoral

### RADIO CONFERENCE

9 a.m.	Region 1 meeting 4D4	Room H - Bâtiment Electoral
11 a.m.	Working Group 4D5	Room H - Bâtiment Electoral
	Sub-Committee 4G	Cancelled
9 a.m.	Sub-Committee 5A	Room F - Bâtiment Electoral
11 a.m.	Sub-Committee 4B	Room B - Palais des Expositions
9 a.m.	Sub-Committee 6C	Room C - Palais des Expositions
9 a.m.	Sub-Committee 7B	Room D - Palais des Expositions
3 p.m.	Working Group 4B2	Room B - Palais des Expositions
	Ad Hoc Working Group 5	Cancelled
3 p.m.	Working Group 5A1	Room I - Bâtiment Electoral
3 p.m.	Working Group 5B2	Room F - Bâtiment Electoral
5 p.m.	Working Group 5B3	Room F - Bâtiment Electoral
3 p.m.	Sub-Committee 6A	Room C - Palais des Expositions
3 p.m.	Working Group 7A2	Room K - Bâtiment Electoral
	Sub-Committee 7E	Cancelled
	Working Group 7B4	Cancelled
3 p.m.	Ad Hoc Working Group 7B6	Room H - Bâtiment Electoral
6.30 p.m.	Committee 1	Room E - Bâtiment Electoral

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TO-DAY IN THE RADIO CONFERENCE

Sub-Committee 4B (Chairman: Mr. L. Sastry): consideration of the revised annex to the first report by Sub-Committee 4B to Committee 4, the draft reports by Sub-Committee 4B to Committee 4 (Working Documents Nos. 479 and 478), the reports by Working Groups 4B5 (Working Documents No. 452) and 4B6 (Working Document No. 418).

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Working Group 4B2 (Chairman: Mr. K.A. Williams): consideration of proposals 896 and 897 and the first draft report to Sub-Committee 4B.

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The first meeting of Working Group 4D5 (Chairman: Mr. Borge Nielsch): consideration of Working Document No. 454.

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Working Group 5B2 (Chairman: Mr. Arthur L. Lebel): consideration of Working Documents Nos. 397, 173, 404, and 422)

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Working Group 5B3 (Chairman: Mr. J. Bès): consideration of the draft recommendation to Working Group 5B3 (Working Document No. 470), consideration of adjustments required in the Maritime Mobile Radiotelephone Allotment Plan in the exclusive bands between 4,000 and 27,500 kc/s.

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Sub-Committee 6C (Chairman: Mr. A. Heilmann): new proposal 4601, report by the Chairman of Working Group 6C5 (Working Document 483), and verbal report by the Chairman of Working Group 6C6.

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Sub-Committee 7B (Chairman: Mr. R.M. Billington): further consideration of the report by Working Group 7B2 (Working Document No. 342, Rev.): consideration of Article 34 (maritime mobile radiotelephony.)

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"AN EXTRAORDINARY EPOCH"...."INCREDIBLE SPEED"...."THE HUMAN ELEMENT"

It was a lovely day yesterday afternoon by the Lake and in the streets of Old Geneva. Full of unspoilt enthusiasm as they may have been, most delegates must have mused as they made their way to the notorious Electoral Building, where at one moment journalists are shut up, only to be told that there is no news for them, while at another the world's greatest experts in radio and electricity are penned together to wrangle over the spectrum, waves and frequencies.

The Plenipotentiary Conference has begun at last and the bulky documents distributed to the sovereign representatives of almost every nation in the world show clearly enough what has to be done.

What, in short, has the Conference got to do? Jokers and sceptics may well pretend that conventions are more honoured in the breach than in the observance. True it is that conventions, like all things mortal, are victims of "Father Time", so that the experts are called upon to make good his ravages, with an eye to fresh circumstances and inevitable changes.

Since 1947 and 1948, a good deal of water has flowed under the bridge and a good many waves have traversed space, even outer space.

Mr. Alfred Borel, General Councillor of the Canton of Geneva, and Mr. Billy, Mayor of Geneva, attended the inaugural meeting.

Mr. Langenberger, Chairman, I.T.U. Administrative Council, opened the first plenary meeting and emphasized how exceedingly important was the work accomplished by the Union in 1958 and 1959. The Head of the Japanese Délégation, Mr. Haruhiko Uetake, speaking on behalf of all present, said that the I.T.U. now nearly one hundred years old, was more necessary than ever before.

The Conference thereupon observed one minute's silence in memory of the dead, with especial reference to the late Dr. van der Pol and the late Dr. M.A. Andrada, sometime Secretary-General.

The Acting Secretary-General, Mr. Gerald C. Gross, summed up by saying:

"In this time of great endeavours and achievements it has already been recognized by national and international organizations that the I.T.U. will have to tackle and solve new and urgent international problems.

.....

.....

"Not only do we have the normal growth to be expected in the Telegraph and Telephone field, which during the last century was our main concern, but we also have the tremendous growth and the complexity of all the radio services whose expansion during the last two decades staggers the imagination. ....

"There is also for the I.T.U. the increasingly important problem of protecting the interests of Telecommunications in the field of the United Nations programme of Technical Assistance and the Special Fund in which we participate on behalf of our Member Countries.....

"For many years the I.T.U. has suffered from the fact that salary levels are lower than those of other international organizations. This discrepancy has not only created poor morale amongst the existing staff, but has also been the cause of serious recruitment problems.....

"Similarly if this Geneva Conference is successful it may not be necessary to modify the basic convention itself for a period of some 10 or 20 years. I am aware, of course, of the generous plans of the Swiss Government to celebrate the centenary of the Union in 1965. They would not need to be changed since the centenary can well be the occasion for a world Conference to modify one of the Regulations annexed to the Convention (either the Radio or Telegraph and Telephone). Such a development would of course, highlight the planning and wisdom of the signatories of the International Telecommunication Convention of Geneva 1959. It would result in economies of the order of several million francs in 1965 to the Members of the Union, if we take into account the time, salaries and travel expenses of the delegates, in addition to the cost of the Conference itself."

The Head of the Delegation of the Union of Soviet Socialist Republics, Mr. Klokov, Vice-Minister in the Ministry of Postal and Electrical Communications, observed that we are living in an "extraordinary epoch" and recalled what had recently been accomplished in the realms of atomic energy and space research.

Mr. Abdul Mejid Mortada, Head of the Delegation of the Hashemite Kingdom of Jordan, spoke of changes and improvements to be made. He was in favour of a change in the membership of the Administrative Council, in which the Middle East ought to be represented. The I.T.U. should recruit its staff from further afield, and set up a regional training centre.

Mr. Weber, Head of the Swiss Delegation, spoke on behalf of the Swiss Federal Council. Although Switzerland was not the inviting country, its Government was organizing certain entertainments for the delegates to the Conference, to show how great was the interest which the Swiss Confederation took in the Union.

Mr. Sardon Bin Haji Jubir, Head of the Delegation of the Federation of Malaya, emphasized, too, how prodigious was the upsurge of the "new" countries in the realm of telecommunication, and how necessary was Technical Assistance and the training of personnel.

The Conference thereupon elected its officers. The Chairman will be Mr. J.D.H. van der Toorn (Head of the Dutch Delegation), a former Director of Telecommunication in the Netherlands. The Vice-Chairmen will be Mr. Katsuzo Okumura (Japanese Ambassador Plenipotentiary in Switzerland) and Mr. Libero O. de Miranda, Head of the Brazilian Delegation.

The new Chairman worked for a long time in private telecommunication concerns. In 1945 he joined the Dutch P.T.T. Administration and became Director-in-Chief of Telegraphy, Telephony, and Radio, then Director of General Affairs and Director-General. During the last few years he has attended almost all the major I.T.U. conferences, notably the Atlantic City Conferences, the Extraordinary Administrative Radio Conference, and the latest Administrative Telegraph and Telephone Conference. With his characteristic simplicity, sobriety, and frankness, he observed that telecommunication services had doubled in volume since 1952, that science had progressed at an "incredible" speed, and that even in the most highly technical spheres the human element was important, i.e., that those taking part in the work of the Union should cement the cooperation and friendship which would enable them to keep abreast of the latest research and developments.

#### DOCUMENT DISTRIBUTION

Henceforward the distribution of documents of the Administrative Radio Conference will be made, as before, at the counter facing the main entrance of the Bâtiment Electoral, half-way up the stairs leading to the meeting rooms; documents of the Plenipotentiary Conference will be distributed at the counter on the ground floor in the corridor to the right of the main entrance.

To avoid confusion, participants in both conferences are earnestly requested to show their identity cards when collecting documents.

LISTE DES PARTICIPANTS  
LIST OF PARTICIPANTS  
LISTA DE PARTICIPANTES

CONFERENCE ADMINISTRATIVE DES RADIOCOMMUNICATIONS  
ADMINISTRATIVE RADIO CONFERENCE  
CONFERENCIA ADMINISTRATIVA DE RADIOCOMUNICACIONES

Délégations récemment désignées et délégations  
dont la composition a été considérablement modifiée

Delegations newly appointed or the composition  
of which has been greatly modified

Delegaciones recientemente designadas y delegaciones cuya  
composición se ha modificado considerablemente

1. AFGHANISTAN  
AFGANISTÁN

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

Mr. Mohammed Azim GRAN  
Director general of  
Telecommunications

Délégué / Delegate / Delegado

Mr. Mohammed Moosa ASGHAR

36. GRECE  
GREECE  
GRECIA

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

M. Stamatios NICOLIS  
Directeur Général des  
Télécommunications

Chef adjoint de la délégation / Deputy Head of the Delegation  
Jefe adjunto de la delegación

M. Vassilios ASLANIDIS  
Directeur technique à l'Institut  
National de Radiodiffusion

Hôtel Aïda  
Av. Henri-Dunant 6  
Genève  
T. 26 02 06

36. GRECE (suite)  
GREECE (contd)  
GRECIA (continuación)

Délégués / Delegates / Delegados

M. Anastassios LELAKIS  
Ingénieur, Chef du Service Radio-  
électrique à la Direction Générale  
des Télécommunications

Pension Esterman  
Rue du Conseil-Général 20  
Genève  
T. 24 21 18

M. Antonios MARANGOUDAKIS  
Chef du service des Relations  
internationales à la Direction Générale  
des Télécommunications  
(et Mme et Mlle)

Pension Esterman  
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Genève  
T. 24 21 18

Changements d'adresse / Changes of Address / Cambios de dirección

31. ETATS-UNIS D'AMERIQUE  
UNITED STATES OF AMERICA  
ESTADOS UNIDOS DE AMERICA

Délégué / Delegate / Delegado

Mr. Charles H. OWSLEY  
(and Mrs)

American Consulate General  
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Genève  
T. 32 70 20

64. NORVEGE  
NORWAY  
NORUEGA

Expert / Consultant / Asesor

M. H. Borge ANDRESEN  
(et Mme)

Hôtel Adriatica  
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T. 26 42 40

Autres informations / Other information / Otros asuntos

6. AUTRICHE  
AUSTRIA

Délégué / Delegate / Delegado

M. Josef JANSKY

Lire / Read / Léase: rue de Chantepoulet 13

82. ROYAUME-UNI de la GRANDE-BRETAGNE et de l'IRLANDE DU NORD  
UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND  
REINO UNIDO DE GRAN BRETAGNA e IRLANDA DEL NORTE

Chef adjoint de la Délégation / Deputy Head of the Delegation  
Jefe adjunto de la Delegación

Mr. Reginald M. BILLINGTON, T.D., D.L.  
Deputy Inspector of Wireless  
Telegraphy, G.P.O., London

supprimer / delete / suprimir (and Mrs and 2 children)

301. ORGANISATION DES NATIONS UNIES (O.N.U.)  
UNITED NATIONS ORGANIZATION (U.N.O.)  
ORGANIZACIÓN DE NACIONES UNIDAS (O.N.U.)

Observateur / Observer / Observador

Mr. Adrian DAVID  
(and Mrs)

CONFERENCE DE PLENIPOTENTIAIRES  
PLENIPOTENTIARY CONFERENCE  
CONFERENCIA DE PLENIPOTENCIARIOS

Délégations récemment désignées et délégations  
dont la composition a été considérablement modifiée

Delegations newly appointed or the composition  
of which has been greatly modified

Delegaciones recientemente designadas y delegaciones cuya  
composición se ha modificado considerablemente

1. AFGHANISTAN  
AFGANISTÁN

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

\*Mr. Mohammed Azim GRAN  
Director general of Telecommunications

Délégué / Delegate / Delegado

\*Mr. Mohammed Moosa ASGHAR

10. BOLIVIE  
BOLIVIA

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

\*S.E. Sr. D. José CUADROS QUIROGA  
Embajador de Bolivia en Paris

Hôtel du Rhône  
Quai Turrettini  
Genève  
T. 32 70 40

28. ENSEMBLE DES TERRITOIRES REPRESENTES PAR L'OFFICE FRANCAIS DES  
POSTES ET TELECOMMUNICATIONS D'OUTRE-MER  
GROUP OF THE DIFFERENT TERRITORIES REPRESENTED BY THE FRENCH  
OVERSEAS POSTAL AND TELECOMMUNICATIONS AGENCY  
CONJUNTO DE TERRITORIOS REPRESENTADOS POR LA OFICINA FRANCESA  
DE CORREOS Y TELECOMUNICACIONES DE ULTRAMAR

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

M. Honoré FARAT  
Conseiller d'Etat  
Président du Conseil d'Administration de  
l'Office Central des postes et télécommuni-  
cations d'Outre-mer  
(et Mme)

Hôtel des Familles  
Rue de Lausanne 14  
Genève  
T. 32 60 20

---

\* Voir page 13  
See page 13  
Véase página 13

28. ENSEMBLE DES TERRITOIRES REPRESENTES PAR L'OFFICE FRANCAIS DES POSTES ET TELECOMMUNICATIONS D'OUTRE-MER (suite)  
GROUP OF THE DIFFERENT TERRITORIES REPRESENTED BY THE FRENCH OVERSEAS POSTAL AND TELECOMMUNICATION AGENCY (contd)  
CONJUNTO DE TERRITORIOS REPRESENTADOS POR LA OFICINA FRANCESA DE CORREOS Y TELECOMUNICACIONES DE ULTRAMAR (continuación)

Adjoints au chef de délégation / Deputy Heads of the Delegation  
Jefes adjuntos de la delegación

M. Jean MEYER  
Directeur général de l'Office central  
des postes et télécommunications d'Outre-mer

M. Edmond SKINAZI  
Directeur général adjoint de l'Office central  
des postes et télécommunications d'Outre-mer

Délégués / Delegates / Delegados

\*M. Maurice BOUQUIN  
Inspecteur principal adjoint à l'Office  
central des postes et télécommunications  
d'Outre

M. Gerard CABERAN  
Directeur de l'Office des postes et télé-  
communications de la République Islamique  
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M. Cheikh FAL  
Directeur fédéral de l'Office des postes  
et télécommunications du Mali

c/o M. Bell  
Rue Gutenberg.3  
Genève

M. Mathieu N'TSIBA  
Inspecteur des postes et télécommunications  
à l'Office équatorial des postes et télé-  
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M. Charles RAMANITRA  
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M. Jérôme AGOH  
Chef du Cabinet au Secrétariat d'Etat des  
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d'Ivoire

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30. ESPAGNE  
SPAIN  
ESPAÑA

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

S.E. Don Luis GARCIA DE LLERA  
Ministro plenipotenciario  
Delegado permanente en Ginebra

Clos Belmont 10  
Genève  
T. 36 06 30

Chef adjoint de la délégation / Deputy Head of the Delegation  
Jefe adjunto de la delegación

\*Ilmo. Sr. D. José GARRIDO MORENO  
Jefe principal de telecomunicación de  
la Dirección General de Correos y  
Telecomunicación  
(y Sra)

Hôtel International  
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Délégués / Delegates / Delegados

\*Ilmo. Sr. D. Pedro MAFFEI CARBALLO  
Ingeniero Jefe de la Sección de Radio-  
comunicaciones de la Dirección General  
de Correos y Telecomunicación

Central Meublé  
Rue Rôtisserie 2  
Genève

\*Ilmo. Sr. D. Joaquín SÁNCHEZ-COROVÉS  
Subdirector General Técnico de la  
Dirección General de Radiodifusión y  
Televisión

\*Sr. D. Valentín QUINTAS CASTANS  
Ingeniero de Radiodifusión

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Genève

\*Sr. D. Antonio MARTORELL GONZÁLEZ-MADROÑO  
Ingeniero de Radiodifusión

Central Marché  
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Genève

\*Ilmo. Sr. D. Emilio GIMÉNEZ ARRIBAS  
Teniente Coronel de Ingenieros de  
Construcción y Electricidad del Alto  
Estado Mayor

Sr. D. Antonio RUIZ SÁNCHEZ

\*Sr. D. Ramón FERNÁNDEZ de SOIGNIE  
Secretario de Embajada en la Delegación  
Permanente de España en Ginebra

Consulado general de  
España  
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37. GUATEMALA

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

\*Sr. Lic. Albert DUPONT-WILLEMEN  
Consul general honorario de Guatemala  
en Ginebra  
(y Sra)

Rue Céard 13  
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Autres informations / Other information / Otros asuntos

5. AUSTRALIE (Fédération de l')  
AUSTRALIA (Commonwealth of)  
AUSTRALIA (Federación de)

Délégué / Delegate / Delegado

\*Mr. Edward James STEWART

remplacé par / replaced by / reemplazado por

Mr. Frederick Leslie Charles TAYLOR

301. ORGANISATION DES NATIONS UNIES (O.N.U.)  
UNITED NATIONS ORGANIZATION (U.N.O.)  
ORGANIZACION DE NACIONES UNIDAS (O.N.U.)

Observateur / Observer / Observador

Mr. Adrian DAVID  
(and Mrs)

---

\* Les noms précédés d'un astérisque sont ceux de membres de délégations à la Conférence de plénipotentiaires qui font également partie de la délégation de leur pays à la Conférence administrative des radiocommunications.

The names marked with an asterisk concern members of delegations to the Plenipotentiary Conference who are also members of the delegation of their country to the Administrative Radio Conference.

Los nombres que van precedidos de un asterisco son los de los miembros de las delegaciones en la Conferencia de plenipotenciarios que forman parte también de la delegación de su país en la Conferencia Administrativa de Radiocomunicaciones.



# THE MORNING ELECTRON

Vol. One - No. 45

GENEVA

Friday, 16 October, 1959

Published throughout the

I.T.U. Conferences

## AGENDAS

Friday, 16 October, 1959

### PLENIPOTENTIARY CONFERENCE

9h.30 - 10h.	Committee B	Room A - Bâtiment Electoral
10h.15 - 10h.45	Committee E	Room A - Bâtiment Electoral
11h. - 11h.30	Committee G	Room A - Bâtiment Electoral
12h. - 12h.30	Committee H	Room A - Bâtiment Electoral
15h.	Committee E	Room A - Bâtiment Electoral

### RADIO CONFERENCE

9h.	Working Group 4B	Room E - Bâtiment Electoral
9h.	Sub-Working Group 4D2	Room H - Bâtiment Electoral
9h.	Sub-Working Group 4E3	Room F - Bâtiment Electoral
9h.	Committee 5	Room B - Palais des Expositions
9h.	Committee 6	Room C - Palais des Expositions
9h.	Committee 7	Room D - Palais des Expositions
11h.	Sub-Working Group 4D6	Room H - Bâtiment Electoral
15h.	Working Group 4E	Room B - Palais des Expositions
15h.	Working Group 4C	Room E - Bâtiment Electoral
15h.	Sub-Working Group 5A1	Room I - Bâtiment Electoral
15h.	Sub-Working Group 5B1	Room F - Bâtiment Electoral
15h.	Sub-Working Group 6C6	Room K - Bâtiment Electoral
15h.	Sub-Committee 7A	Room D - Palais des Expositions
15h.	Working Group 7B4	Room H - Bâtiment Electoral
15h.	Working Group 7C3	Room L - Bâtiment Electoral
17h.	Sub-Working Group 5B4	Room F - Bâtiment Electoral

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TODAY

RADIO CONFERENCE

Sub-Working Group 4D2 (Chairman: H. Shinkawa): further examination of proposals concerning frequency allocations in the fixed service using ionospheric scatter.

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Working Group 4E (Chairman: G.C. Braga): summary records of the fourth and fifth meetings; examination of the first reports of Sub-Working Groups 4E1, 4E2 and 4E3.

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Sub-Working Group 5B1 (Chairman: S.A. Sathar): examination of the reports of Sub-Working Groups for Regions 1 and 2 (Document No. DT 274 rev.) and 3 (Document No. DT 426); examination of documents which have been entrusted by Group 5B to Sub-Working Group 5B1 for perusal.

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Committee 6 (Chairman: H.H. Mirza): summary record of the fourth meeting (Document No. 358); reports of the chairman of Sub-Working Groups 6A, 6B, and 6C.

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Committee 7 (Chairman: Y. Momura): further examination of the drafts contained in Document No. 335; reports of the chairman of Sub-Committees 7A, 7B and 7C and of Group 7E.

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Sub-Committee 7A (Chairman: P. Bouchier): Document No. 363; study of proposals concerning Article 19; proposals relating to numbers 851 to 858 of the RR (pages 577-579); study of proposals concerning Article 20.

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NEW EDITION OF THE LIST OF THOSE ATTENDING  
THE ADMINISTRATIVE RADIO CONFERENCE

A new edition of this list will be published. Section I has been completely altered and the printed text will replace the present Section I.

In the following sections, some pages only have been amended. Participants are requested to insert them in their lists in accordance with the indications in the footnotes.

Amendments published in the Morning Electron after 14 October (inclusive) are additions to those included in the new text.

COMMITTEE D (ORGANISATION)

Committee D (Organisation); chairman M. F. Nicotera - Italy; held a meeting for a few minutes yesterday to appoint two Vice-Chairmen, Messrs. J.L. de Vries (Union of South Africa) and P.V. Afanasiev (Bielorussian S.S.R.) and the Rapporteur, Mr. A. Chassignol (France). At the next meeting of the Committee, the Chairman will submit a work organisation plan.

COMMITTEE F ( CONVENTION AND GENERAL REGULATIONS )

Committee F (Convention and General Regulations): Chairman, Mr. O.N. Carli (Argentina), Vice-Chairmen, Messrs. M.P. Postelnicu (Roumanian People's Republic) and E.M. Koram (Ghana), Rapporteur, Mr. D. Fernández de Soignie (Spain), met for a few moments yesterday afternoon. The Chairman will shortly prepare a document on the allocation of tasks. The Representatives of Italy and the U.S.S.R. insisted that decisions on questions of principle should be taken at meetings of the whole Committee and not in Working Groups and that Committee meetings should not take place during meetings of Committees D and G.

"TO THE BALLOT-BOXES"

It was not necessary to wait very long before seeing the delegates at the Plenipotentiary Conference go to the ballot-boxes and vote.

The question of the representation of China gave rise to a ballot on a point of order submitted by Mr. Francis C. de Wolf, Head of the United States Delegation. The Head of the Soviet Delegation had requested that the vote should be secret.

The proposal of the United States Delegation was to the effect that the Conference should not consider any proposal which aimed at the exclusion of the representatives of the Chinese Republican Government from the Conference or gave a representative of the People's Republic of China the right to attend.

The results of the vote on the point of order were as follows :

For	:	46
Against	:	20
Abstentions	:	7
Blank voting papers	:	2

Mr. Klokov, Head of the Soviet Delegation and the Delegates of Czechoslovakia, the Roumanian People's Republic, the Bielorussian S.S.R., the Ukrainian S.S.R. and Poland had requested that the People's Republic of China should be invited to take part in the Conference. They had stressed that the territory governed by the Peking Government represented one seventh of the earth's surface and was inhabited by a quarter of the world population, and that it was in accordance with Article 3 of the Convention and the aims of the Union to invite the representatives of the People's Republic of China to take part in the work of the I.T.U.; it was also in accordance with the economic and legal facts.

Mr. Tsune-Chi Yu, Head of the Chinese Delegation, had replied by referring to the decisions taken on many occasions by the United Nations and other international organizations and by quoting the statements of the representative of the United States at the United Nations Assembly and an article that had recently appeared in the American press.

The representation of New Guinea gave rise to statements by the representatives of the Indonesian Republic and the Netherlands.

After the Acting Secretary-General, Mr. Gerald C. Gross, had stated that he thought it would be possible to have the pink documents by December 11 and the blue ones by December 14 and that it would be possible to sign the Final Acts on the 15th, the Head of the Soviet Delegation stressed the need to take any steps that could be of use so that the Conference would come to an end at the beginning of December, as had also been recommended by the Chairman himself, Mr. van der Toorn.

The Delegate of Morocco, who passed on a message from the King of that country and stated that he was glad to be able to take part in the Conference, stressed the importance of the newly independent countries in the field of telecommunications.

GLOSSARY OF TERMS  
USED IN COMMITTEES

(Issued for the benefit of late arrivals)

"I agree in part, but ....."	An expression used to indicate that the following statement will be 90° out of phase with the previous speaker.
"I agree provisionally".	An expression used exclusively to indicate that you are weary of discussion and would like a cup of coffee, or a glass of beer or whisky.
"I have no pride of authorship".	An expression that indicates that the speaker will deeply resent any changes in his language.
Text	A combination of words upon which no one can agree, which everyone wants to change, which invariably has several meanings.
"Well, Gentlemen"	An expression used by chairmen to indicate annoyance, indecision, satisfaction and, in some cases, consternation.

(To be continued).

WORKING GROUP 5A (FREQUENCY NOTIFICATION & REGISTRATION PROCEDURE).

In opening the meeting yesterday morning, the Chairman reminded the group that this was its twentyfirst gathering and remarked that he expected more rapid progress now that it was "of age".

After a summary by the Chairman of the discussions concerning "Review of Entries" and "Cancellation of Entries", which took place at the last meeting, the group again took up item 8 of its agenda, "Studies, advice and recommendations of the Central Organ" and those proposals which refer to Section VII of Article II of the Regulations. Special emphasis was given during the meeting to ways in which this section could be expanded to provide for special assistance to countries having "urgent essential requirements".

PLENIPOTENTIARY CONFERENCE

Out of 96 Members of the I.T.U. :

- 84 have appointed delegations  
(351 participants including 185 who are also  
participating in the Radio Conference)
- 3 declared that they could not participate
- 9 have not yet replied to the letter of  
convocation.

Out of 5 Associate Members of the I.T.U. :

- 1 has appointed a delegation  
(2 participants, including 1 who is  
also participating in the Radio Conference)
- 1 declared that it could not participate
- 3 have not yet replied to the letter of  
convocation.

The U.N.O. is represented by 1 observer.

4 Specialized Agencies are represented by 10 observers.

Total number of participants : 363.

LISTE DES PARTICIPANTS  
LIST OF PARTICIPANTS  
LISTA DE PARTICIPANTES

CONFERENCE ADMINISTRATIVE DES RADIOCOMMUNICATIONS  
ADMINISTRATIVE RADIO CONFERENCE  
CONFERENCIA ADMINISTRATIVA DE RADIOCOMUNICACIONES

Arrivées récentes / New arrivals / Llegadas recientes

1. AFGHANISTAN  
AFGANISTÁN

Délégué / Delegate / Delegado

Mr. Moussa M. ASGHAR  
(and Mrs.)

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11. BRÉSIL  
BRAZIL  
BRASIL

Secrétaire de la délégation / Secretary of the Delegation  
Secretaria de la delegación

Mlle Dulce CUNHA

Hotel Excelsior  
Rue Rousseau 34  
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24. CUBA

Délégué / Delegate / Delegado

Ingeniero Pedro Waldo Luis TORRES  
Mienbro del Consejo asesor de  
Telecomunicaciones

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- 30 ESPAGNE  
SPAIN  
ESPAÑA

Délégué / Delegate / Delegado

Ilmo. Sr. D. Pedro MAFFEI CARBALLO

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47. ISLANDE  
ICELAND  
ISLANDIA

Délégué / Delegate / Delegado

Mr. E. PALSSON

Hôtel Cornavin  
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49. ITALIE  
ITALY  
ITALIA

Expert / Adviser / Asesor

Mr. Carlo MATTEINI

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60. MEXIQUE  
MEXICO  
MÉXICO

Délégué / Delegate / Delegado

Sr. D. Carlos NUÑEZ ARELLANO  
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Hôtel Rive  
Rond-Point de Rive  
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72. POLOGNE (République Populaire de)  
POLAND (People's Republic of)  
POLONIA (República Popular de)

Expert / Consultant / Asesor

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Ingénieur

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84. SUEDE  
SWEDEN  
SUECIA

Délégué / Delegate / Delegado

M. Arne ROHDIN  
(et Mme)

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308. ORGANISATION DES NATIONS UNIES POUR L'EDUCATION, LA SCIENCE ET  
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UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION  
(U.N.E.S.C.O.)  
ORGANIZACIÓN DE LAS NACIONES UNIDAS PARA LA EDUCACIÓN, LA CIENCIA  
Y LA CULTURA (U.N.E.S.C.O.)

Observateur / Observer / Observador

M. Julian BEHRSTOCK

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Changements d'adresses / Changes of address / Cambios de dirección

19. COLOMBIE (République de)  
COLOMBIA (Republic of)  
COLOMBIA (República de)

Délégué / Delegate / Delegado

Sr. D. Victor JIMENEZ SUAREZ

Rue Crespín 12,  
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25. DANEMARK  
DENMARK  
DINAMARCA

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

M. Gunnar PEDERSEN  
(et Mme)

Hôtel Adriatica  
Rue Sautter 21  
Genève  
T. 26 42 40

85. SUISSE (Confédération)  
SWISS CONFEDERATION  
SUIZA (Confederación)

Expert / Consultant / Asesor

M. Henry A. KIEFFER

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Autres informations / Other information / Otros asuntos

9. BELGIQUE  
BELGIUM  
BÉLGICA

Délégué / Delegate / Delegado

Pour l'Industrie belge

Lire M. Pierre MASSAUT  
Read Directeur, Ingénieur en chef,  
Léase Bell Telephone Mfg Co., Anvers

Ajouter M. L.F. PENNINCKX  
Add Bell Telephone Mfg Co., Anvers  
Añadir (et Mme)

Hôtel d'Angleterre  
Quai Mont-Blanc 17  
Genève  
T. 32 81 80

19. COLOMBIE (République de)  
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COLOMBIA (República de)

Délégué / Delegate / Delegado

Lire Sr. D. Santiago ALBORNOZ PLATA  
Read Director de Operaciones  
Léase Empresa Nacional de  
Telecomunicaciones

Rue de Coutance 25  
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- Lire 28. ENSEMBLE DES ETATS ET TERRITOIRES REPRESENTES, etc.  
Read GROUP; OF THE DIFFERENT STATES AND TERRITORIES REPRESENTED, etc.  
Léase CONJUNTO DE ESTADOS Y TERRITORIOS REPRESENTADOS, etc.

30. ESPAGNE  
SPAIN  
ESPAÑA

Délégués / Delegates / Delegados

Ilmo. Sr. D. José GARRIDO MORENO  
(y Sra)

Sr. D. Valentín QUINTAS CASTAÑS

ajouter / add / añadir

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T. 26 16 27

Secrétaire de la délégation / Secretary of the Delegation  
Secretario de la delegación

Sr. D. Ramón FERNÁNDEZ DE SOIGNIE  
(y Sra)

42. INDE (République de l')  
INDIA (Republic of)  
INDIA (República de)

Délégué / Delegate / Delegado

Lire Shri Mihir Kumar BASU  
Read  
Léase

77. REPUBLIQUE FEDERALE D'ALLEMAGNE  
FEDERAL GERMAN REPUBLIC  
REPÚBLICA FEDERAL ALEMANA

Délégué / Delegate / Delegado

Dr. Gerhard G.E. ZWIEBLER  
(et Mme)

CONFERENCE DE PLENIPOTENTIAIRES  
PLENIPOTENTIARY CONFERENCE  
CONFERENCIA DE PLENIPOTENCIARIOS

Délégations récemment désignées et délégations  
dont la composition a été considérablement modifiée

Delegations newly appointed or the composition  
of which has been greatly modified

Delegaciones recientemente designadas y delegaciones cuya  
composición se ha modificado considerablemente

23. COSTA RICA

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

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Consul General de Costa Rica  
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(y Sra)

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55. LIBERIA  
LIBERIA

Observateur / Observer / Observador

\*Mr. William O'DAVOREN  
Liberian Consul, Geneva  
(and Mrs)

Place du Lac 1  
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T. 25 23 40

59. MAROC (Royaume du)  
MOROCCO (Kingdom of)  
MARRUECOS (Reino de)

Délégué / Delegate / Delegado

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M. F. HESS

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# THE MORNING ELECTRON

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G E N E V A

Monday, 19 October, 1959

Published throughout the Meetings of  
the I.T.U. Conferences

## AGENDAS

Monday, 19 October, 1959

### PLENIPOTENTIARY CONFERENCE

9h.30	Committee F	Room A - Bâtiment Electoral
16h.30	Committee B	Room B - Bâtiment Electoral

### RADIO CONFERENCE

9h.	Region 3, 4D4	Room G - Bâtiment Electoral
9h.	Sub-Working Group 4E3	Cancelled
9h.	Region 1, 4E3	Room E - Bâtiment Electoral
9h.	Working Group 5A	Room F - Bâtiment Electoral
9h.	Working Group 6B	Room C - Palais des Expositions
9h.	Sub-Committee 7A	Room D - Palais des Expositions
9h.	Working Group 7B4	Cancelled
11h.	Working Group 7C3	Cancelled
11h.	Sub-Working Group 4D5	Room G - Bâtiment Electoral
15h.	Working Group 4A	Room E - Bâtiment Electoral
15h.	Working Group 4C	Room C - Palais des Expositions
15h.	Sub-Working Group 5A1	Room H - Bâtiment Electoral
15h.	Sub-Working Group 5B4	Room F - Bâtiment Electoral
15h.	Working Group 7B7	Room G - Bâtiment Electoral
16h.	Ad Hoc Working Group (Interviews)	Room K - Bâtiment Electoral
17h.	Working Group 4D	Room C - Palais des Expositions

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Plenipotentiary Conference

LIST OF CHAIRMEN, VICE-CHAIRMEN AND RAPPOREURS  
OF MAIN COMMITTEES

	<u>Chairman</u>	<u>Vice-Chairman</u>	<u>Rapporteur</u>
<u>Committee A</u> <u>Steering Committee</u>	Mr. J.D..H. van der Toorn (Netherlands)	Mr. Libero Oswaldo de Miranda (Brazil)  Mr. Katsuzo Okumura (Japan)	
<u>Committee B</u> <u>Credentials Cttee.</u>	Mr. Alfred Langenberger (Switzerland)	Delogate of Cuba  Mr. Henryk Baczeko (People's Republic of Poland)	
<u>Committee C</u> <u>Finance Control</u> <u>Committee</u>	Mr. J.B. Darnell (New Zealand)	Mr. T.P. Joyce (Ireland)  Mr. Vladimir Senk Federal People's Republic of Yugoslavia	Mr. Bernard Delaloye (Switzerland)
<u>Committee D</u> <u>Organization of the</u> <u>Union</u>	Dr. F. Nicotera (Italy)	Mr. J.L. de Vries (Union of S.Africa)  Mr. P.V. Afanasiev (Bielorussian S.S.R.)	Mr. A. Chassignol (France)
<u>Committee E</u> <u>Relations between the</u> <u>I.T.U. and the U.N.,</u> <u>including Technical</u> <u>Assistance</u>	Mr. Francis Colt de Wolf (U.S.A.)	Mr. D. Carlos Nunez Arellano (Mexico)  Mr. W. Stubbs (Malaya)	Mr. Ray Harold (U.S. Territories)
<u>Committee F</u> <u>Convention and General</u> <u>Regulations</u>	Mr. Ovidio Nicanor Carli (Argentine)	Mr. Paul Postelnicu (Roumania)  Mr. Edmond Koram (Ghana)	Mr. D. Ramon Fernandez de Soignie (Spain)
<u>Committee G</u> <u>Personnel Questions</u>	Mr. W.A. Wolverson (U.K.)	Mr. Don P. Jayasekara (Ceylon)  Mr. Francisco Trinidad (Philippines)	Miss P.A. Panichelli (U.K.)

	<u>Chairman</u>	<u>Vice-Chairman</u>	<u>Rapporteur</u>
<u>Committee H</u> <u>Finances of the I.T.U.</u>	Mr. José Garrido (Spain)	Mr. Nikolaus Weninger (Austria)	Mr. Roberto Arciniegas (Colombia)
		Mr. Anis Tewfik El Bardai (United Arab Republic)	
<u>Committee I</u> <u>Drafting Committee</u>	Mr. Albert Drevet (France)	Mr. José Antonio Lopez (Venezuela)	
		Mr. J.L. Skerrett (Australia)	

ADMINISTRATIVE RADIO CONFERENCE

Out of 96 Members of the I.T.U.

83 have appointed delegations  
(667 participants)  
6 declared that they could not participate  
7 have not yet replied to the letter of convocation.

Out of 5 Associate Members

2 have appointed delegations  
(3 participants)  
2 declared that they could not participate  
1 has not yet replied to the letter of convocation.

9 Recognized Private Operating Agencies are represented by  
22 representatives

U.N.O. is represented by 2 Observers

5 Specialized Agencies are represented by 8 Observers.

15 International Organizations are represented by 60 Observers.

Total number of participants: 762.

On 15 October, altogether 929 persons (including  
167 attending only the Plenipotentiary Conference) are  
participating in the I.T.U. Conferences in Geneva.

PROPOSAL 5514

The readers of the "Morning Electron" will no doubt recall that on 25 September we published the text of an original proposal numbered 5514 and submitted to us by that smiling, charming and unassuming master of understatement, Mr. A.M. Qureshy, of the Delegation of Pakistan.

We have just received a letter from Mr. Atienza of the Philippine Delegation. We are only too pleased to bring this letter to the attention of the numerous experts in proposals and counter-proposals.

"Dear Sir,

Avid readers of your splendid publication will doubtless recall having come across in your September 25th issue that novel Proposal numbered 5514. It originated, I understand, from an ingenious delegate of "the country of the Towers of Silence". He advocated that "in order to reduce the requirements in this band (5,000 - 30,000 Kc/s), and thus prevent harmful interference to long distance communications", the administrations be encouraged to employ other means of communications, such as a) smoke signals, b) beating of drums, c) carrier pigeons, d) runners and e) aircraft.

The proposal strikes this Philippine delegate with mixed feelings of scepticism and apprehension. I must hasten to say, however, that it is indeed a sound proposal, especially that one on the beating of drums  $\frac{1}{2}$

Coming as I do from an area where the bands are congested, I have a desire to support that proposal. But I see a glaring anachronism there. By that, I mean our present civilization is too backward and too under-developed to be able to implement that proposal.

The Chairman of this Conference might do well to form another Ad Hoc Group to consider such a proposal. The findings should be engraved in two tablets of granite to be handed down to posterity.

To my mind, Sir, the proposal can more properly be referred to the Post-Atomic War crop of communications experts (if any should survive it). As regards the use of aircraft, that may take generations after the smoke of a nuclear holocaust is finally lifted from the face of an eerie, devastated earth.

Cordially yours,

Max D. Atienza  
Philippine Delegate

WORKING GROUP 5A (FREQUENCY NOTIFICATION & REGISTRATION PROCEDURE)

Working Group 5A met at 11 a.m. on Friday morning following the conclusion of Committee 5. Discussion of item 8 (Studies, advice and recommendations of the Central Organ) of Document No. DT 255 was completed and this subject will now go to the internal drafting group. The Chairman will summarize the views expressed on this important aspect at the next meeting.

Delegates then turned their attention to Document No. DT 460 (Rev) which at Working Group 5A's request had been compiled by an Ad Hoc group consisting of Mr. Miles of the United States Delegation and Mr. Delamulla of the I.F.R.B. with the object of suggesting a possible amalgamation of Regulations Nos. 327 and 328. The report was accepted in principle and will be passed to the drafting group.

The meeting then gave further consideration to items 4.3 and 4.4 of Document No. 255 which concern the steps to be taken by the I.F.R.B. in the event of unfavourable findings which indicate a) "slight" probability, "harmful interference", and b) "appreciable" probability of harmful interference. Discussions on this matter will continue at Monday's meeting when it is hoped also to commence examination of Document No. DT 511 which has been prepared by the Chairman as a Draft Agenda for the future work of the Group.

SUB-WORKING GROUP 5B1

Sub-Working Group 5B1 met on Friday and considered the report of the Working Party of Region 1. It adopted most of the recommendations with regard to the treatment to be given to the frequency bands and lists below 4,000 Kc/s.

COMMITTEE 5 (FREQUENCY REGISTRATION PROCEDURE  
AND INTERNATIONAL FREQUENCY LIST)

Committee 5 (Chairman, Dr. Miroslav Joachim) met for the thirteenth time yesterday in order to :

- approve the minutes of the ninth, tenth and eleventh meetings;
- acquaint itself with the work of the Special Group entrusted with the study of the requirements of new countries and those under development. Ten delegations had already stated that they would like to give the Group some information concerning their frequency requirements. Four of these delegations had the opportunity to put their cases to the Group. The "interviews" should last about a fortnight.
- acquaint itself with the position with regard to the work of Sub-Committees 5A and 5B. Mr. Searle, Chairman of Sub-Committee 5A, stated that he thought that his colleagues would get through it in fifteen meetings. He also mentioned the work of Drafting Group 5A1, with Mr. Henry as Chairman.

Mr. Autelli, Chairman of Sub-Committee 5B, mentioned the work of the various Working Groups, of which one, 5B5, had already finished its work and the others, 5B1, 5B2, 5B3 and 5B4, would be able to finish after twelve meetings. Working Group 5B6, which was to deal with problems in the International Frequency List in bands above 27.5 Mc/s, had not yet been formed. The Chairman of this Group considered that it was necessary to wait until Committee 4 had finished its work with regard to that part of the frequency spectrum that the Working Group would examine. Sub-Committee 5B could get through this in five meetings.

Documents 403 and 412 had been entrusted to Sub-Committee 5B and its Working Groups. A new document, drafted by the Spanish Delegation, would be submitted to Sub-Committee 5A.

COMMITTEE 4 (FREQUENCY ALLOCATION)

At its meeting on Saturday, Committee 4 considered the second report of the Special Ad Hoc Group (Frequency allocation for space research) and decided to pass the report to Working Groups 4E and 4G

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59. MAROC (Royaume du)  
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MARRUECOS (Reino de)

Suppléant du chef de la délégation / Deputy Chief of the  
Delegation / Jefe adjunto de la delegación

M. Jacques SABBAH, Ingénieur  
Directeur de Cabinet du  
Ministre des P.T.T.

Rue Dancet, 5  
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84. SUÈDE  
SWEDEN  
SUECIA

Délégué / Delegate / Delegado

M. Hans SJÖVALL  
Commandant, Etat-Major de l'Armée  
de l'Air de Suède

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Av. Frontenex, 24  
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T. 36 80 95

Changements d'adresse / Changes of address / Cambios de dirección

41. HONGROISE (République Populaire)  
HUNGARIAN PEOPLE'S REPUBLIC  
HÚNGARIA (República Popular)

Chef de la Délégation / Head of the delegation / Jefe de la delegación

Dr. Aladár LÓRINCZY

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69. PAYS-BAS, SURINAM, ANTILLES Néerlandaises, NOUVELLE-GUINEE  
NETHERLANDS, SURINAM, NETHERLANDS ANTILLES, NEW GUINEA  
PAISES BAJOS, SURINAM, ANTILLAS Neerlandesas, NUEVA GUINEA

Chef de la délégation / Head of the Delegation / Jefe de la delegación

Ir. J. D. H. van der TOORN  
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T. 25 33 20

Autres informations / Other information / Otros asuntos

82. ROYAUME-UNI de la GRANDE-BRETAGNE et de l'IRLANDE DU NORD  
UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND  
REINO UNIDO DE GRAN BRETAÑA e IRLANDA DEL NORTE

Délégué / Delegate / Delegado

Mr. Philip Douglas WEBB  
(and Mrs)

CONFERENCE DE PLENIPOTENTIAIRES  
PLENIPOTENTIARY CONFERENCE  
CONFERENCIA DE PLENIPOTENCIARIOS

Délégations récemment désignées et délégations  
dont la composition a été considérablement modifiée

Delegations newly appointed or the composition  
of which has been greatly modified

Delegaciones recientemente designadas y delegaciones cuya  
composición se ha modificado considerablemente

17. CHINE  
CHINA

Conseillers / Advisors / Asesores

\*Mr. Paul S. T. CHANG  
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Taiwan Telecommunications  
Administration of D.G.T.

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Mr. Yen-ping LEE  
Alternate Representative to I.L.O.

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Mr. Edward Tsu-yu WU  
Second Secretary  
Chinese Embassy  
Madrid, Spain

21. CONGO BELGE et Territoire du RUANDA-URUNDI  
BELGIAN CONGO and Territory of RUANDA-URUNDI  
CONGO BELGA y Territorio de RUANDA-URUNDI

Expert / Experto

\*M. Alphonse Pius SAID  
Ingénieur des télécommunications

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69. PAYS-BAS, SURINAM, ANTILLES Néerlandaises, NOUVELLE-GUINEE  
NETHERLANDS, SURINAM, NETHERLANDS ANTILLES, NEW GUINEA  
PAÍSES BAJOS, SURINAM, ANTILLAS Neerlandesas, NUEVA GUINEA

Secrétaire de la délégation / Secretary of the Delegation / Secretaria de la  
delegación

\*Miss J. J. W. POULUS

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Adresses / Addresses / Direcciones

31. ETATS-UNIS D'AMÉRIQUE  
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Délégué / Delegate / Delegado

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59. MAROC (Royaume du)  
MOROCCO (Kingdom of)  
MARRUECOS (Reino de)

Délégué / Delegate / Delegado

\*M. Jacques SABBAH

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69. PAYS-BAS, SURINAM, ANTILLES Néerlandaises, NOUVELLE-GUINEE  
NETHERLANDS, SURINAM, NETHERLANDS ANTILLES, NEW GUINEA  
PAÍSES BAJOS, SURINAM, ANTILLAS Neerlandesas, NUEVA GUINEA

Chef de la délégation / Head of the Delegation / Jefe de la delegación

Ir. J. D. H. van der TOORN  
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Autres informations / Other information / Otros asuntos

5. AUSTRALIE (Fédération de l')  
AUSTRALIA (Commonwealth of)  
AUSTRALIA (Federación de)

Chef de la délégation / Leader of the Delegation / Jefe de la delegación

Mr. J. L. SKERRETT  
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of Telecommunications  
Postmaster-General's Department  
(and Mrs.)

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Délégués / Delegates / Delegados

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Office of the United Nations  
(and Mrs)

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5. AUSTRALIA (Fédération de l') (suite)  
AUSTRALIA (Commonwealth of) (continued)  
AUSTRALIA (Federación de) (continuación)

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(Systems Planning)  
Postmaster-General's Department

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Hôtel de la Paix

\*Miss M. McPIERSON  
Second Secretary,  
Permanent Mission of Australia  
to the European Office of the  
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Permanent Mission of  
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14. CANADA  
CANADÁ

Chef de la délégation / Head of the Delegation / Jefe de la delegación

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United Nations  
(and Mrs.)

Permanent Mission of  
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Mr. R. H. JAY  
(and Mrs.)

"

Mr. J. E. G. HARDY  
Department of External Affairs

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31. ETATS-UNIS D'AMERIQUE  
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ESTADOS UNIDOS DE AMERICA

Délégué / Delegate / Delegado

\*Mr. Raymond L. HARRELL  
First Secretary of Embassy

50. JAPON  
JAPAN  
JAPÓN

Délégué suppléant / Alternate Delegate / Delegado suplente

Mr. Nobuo MATSUNAGA  
(and Mrs.)

77. REPUBLIQUE FEDERALE D'ALLEMAGNE  
FEDERAL GERMAN REPUBLIC  
REPÚBLICA FEDERAL ALEMANA

Délégué / Delegate / Delegado

Dr. jur. Heinz FICKEL  
(et Mme)

85. SUISSE (Confédération)  
SWISS CONFEDERATION  
SUIZA (Confederación)

Délégué / Delegate / Delegado

M. Charles CHAPPUIS  
(et Mme)



# THE MORNING ELECTRON

Vol. One - No. 47

GENEVA

Tuesday, 20 October, 1959

Published throughout the

I.T.U. Conferences

## AGENDAS

Tuesday, 20 October, 1959

### PLENIPOTENTIARY CONFERENCE

9h.30	Committee G	Room A - Bâtiment Electoral
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### RADIO CONFERENCE

9 h.	Working Group 4A	Room E - Bâtiment Electoral
9 h.	Sub-Working Group 4D4	Room G - Bâtiment Electoral
9 h.	Working Group 5A	Room F - Bâtiment Electoral
9 h.	Working Group 6A	Room C - Palais des Expositions
9 h.	Sub-Committee 7B	Room D - Palais des Expositions
11 h.	Working Group 4E	Room E - Bâtiment Electoral
11 h.	Region 3 - 4D7	Room G - Bâtiment Electoral
15 h.	Committee 4	Cancelled
15 h.	Working Group 4D	Room A - Bâtiment Electoral
15 h.	Sub-Working Group 5A1	Room H - Bâtiment Electoral
15 h.	Sub-Working Group 5B1	Room F - Bâtiment Electoral
15 h.	Sub-Working Group 6C6	Room K - Bâtiment Electoral
15 h.	Working Group 7A4	Room L - Bâtiment Electoral
15 h.	Working Group 7B4	Room G - Bâtiment Electoral
17 h.	Sub-Working Group 6B2	Room K - Bâtiment Electoral

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TODAY  
PLENIPOTENTIARY CONFERENCE

Committee G (Staff Questions), Chairman : W.A. Wolverson) :  
consideration of integration of I.T.U. officials into the United Nations  
Joint Staff Pensions Fund (Document No. 33).

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RADIO CONFERENCE

Sub-Working Group 4D7 (Region 3), Chairman : J.W. Power :  
consideration of proposals concerning allocation in the 174 - 235 Mc/s band,  
Region 3 (Document No. DT 112 Add. 10 and 11).

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Working Group 6A, Chairman : E.W. Allen : Summary Record of the  
eighth meeting (Document No. 392); reports by the chairmen of Sub-Groups  
6A7 (Documents Nos. DT 351 and 435), 6A4 (Document No. DT 488), 6A5  
(Documents Nos. DT 445 and 516) and 6A2 (Document No. DT 368).

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Working Group 7A4, Chairman : Mr. Sannier : General discussion  
of the Group's terms of reference and the plan of work to be adopted;  
general discussion of the transfer of Section V of Article 13 to Article 19;  
first examination of the proposals concerning the allocation of new series  
of call signs.

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Working Group 7B4, Chairman : J. Prunieras : consideration of the  
draft report of Sub-Committee 7B (Document No. DT 526).

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WORKING GROUP 6B AND SUB-GROUP 6B3

Sub-Working Group 6B3 will meet on Wednesday, 21 October, at  
3 p.m. in Room C at the Palais des Expositions. This will be followed  
by a meeting of Working Group 6B in the same room at 5 p.m.

### THE IMPORTANCE OF THE WRITTEN WORD

There's an extremely interesting monograph waiting to be written on the origin, history, composition, presentation and acceptance of credentials. In this modern world, where charm and the picturesque have suffered so much at the hands of simplification, timeless traditions have been preserved in the matter of credentials.

The credentials Committee, chaired by Mr. Langenberger, has stipulated that credentials should state that the delegates are authorized to sign the Final Acts, and likewise that telegrams relating to credentials should be substantiated by signed letters from the competent authorities.

One is occasionally sorry not to have the right to speak at the fascinating meetings of the Conference's Committees. The "Morning Electron" is in fact somewhat surprised that no one, at a telecommunications conference in the world of to-day, should have thought of the possibility of sending credentials by facsimile or television.

Well, anyway, Mr. Langenberger, Chairman of the Credentials Committee, the two Vice-Chairmen from Cuba and Poland and the delegates from Argentina, Spain, the Federal Republic of Germany, the United States, the U.S.S.R., India, the United Kingdom of Great Britain and Northern Ireland, and Korea will, in the next 25 days, have to go into several huddles over the documents submitted to them and check the authenticity of signatures.

#### LECTURE ON EQUIPMENT FOR THE

#### FREQUENCY MONITORING AND REGISTRATION

with demonstration of the most recent equipment (Kapsch  
FRGN 57 -- Stabilidyne CSF -- Telefunken UKW)

This lecture and demonstration will be held at the headquarters of the

"Société Genevoise des Amis de l'Instruction"

6, rue Bartholoni (1st floor)

on Wednesday, 21 October, 1959, and

Thursday, 22 October, 1959

at

10 p.m.

All those attending the Geneva Conferences are cordially invited to this lecture and demonstration of equipment.

A WELL-CONCEIVED IDEA CAN BE CLEARLY EXPRESSED

AND THE WORDS COME EASILY

Since Mr. Nicotera, Head of the Italian delegation, had previously stated publicly that the Convention had been violated, it was appropriate that he should be the first at the Plenipotentiary Conference to propose the amendments necessary to make the Convention clearer and more logical, and thus invulnerable.

The proposal of Italy relating to the preamble to the Convention, which defines for the first time what the International Telecommunication Union is, was adopted unanimously yesterday by Committee F (Chairman: Mr. Carli). It should help everyone, and particularly the Public Relations Service, to explain what the I.T.U. is, which nobody had apparently thought of doing up to now.

It should perhaps be pointed out that when certain persons do not conform to the Convention, technically, legally and penally speaking, they are guilty of incest rather than rape, since they themselves are the parents of the Convention and are thus guilty of indecent assault on their own offspring.

The word cooperation was inserted in the preamble, in accordance with the remarks of the delegations of the Ukrainian S.S.R. and the U.S.S.R. The Head of the French Delegation, Mr. R. Croze, pointed out that relations could, indeed, be good or bad.

The Italian proposal, which, said that countries signing and ratifying the Convention or adhering thereto should constitute the International Telecommunication Union, was adopted, and it was decided in principle not to change Article 1 of the existing Convention. A vote, nevertheless, had to be taken on the subject. The delegations of the Ukrainian S.S.R., the U.S.S.R., Czechoslovakia, the P.R. of Bulgaria, the Roumanian P.R., and the P.R. of Poland having explained why they had proposed amendments, it was decided by 46 votes to 6, with 7 abstentions,

on the proposal of the Head of the U.S. Delegation, Mr. Francis C. de Wolf, to maintain the status quo. However, a drafting group with the representatives of the U.S. Delegation in the Chair, and composed of representatives of the U.S.A., the U.S.S.R., France, Italy and the United Kingdom of Great Britain and Northern Ireland, will have to draw up a new text for Article 1, taking account of Proposals 8, 9, 10, 11 and 15.

With regard to Article 3, the principle of the Czechoslovak proposal, insisting on the importance of Technical Assistance, was generally approved and will also be considered by the drafting group, which will take account of Proposals 14 (Ukrainian S.S.R. and U.S.S.R.) and 15 (Japan) bearing on the same problem.

Meanwhile, the Miracle Sub-Group continues to meet representatives of the new and under-developed countries.

Committee F decided to create two working groups, one for definitions at which the Delegate of France will preside, and one to deal with the General Regulations, the Chairman of which will be Mr. Koram, of the Ghana Delegation.

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### TECHNICAL SYMPOSIUM ON MONITORING

Those who have attended meetings of Committee 6C will recall the requests of some delegates, which were expressed through the I.F.R.B., for technical information about monitoring, to assist them in improving existing facilities or building new stations. Some 15 countries indicated that they would like to take part in any discussion of this subject.

With this in view arrangements are being prepared to hold an informal symposium on the evening of October 27, 1959. Papers will be presented by delegates who have been directly concerned with monitoring station activities and will describe how monitoring stations are built, equipped and operated. Some of the talks will be illustrated by slides and each talk or group of talks will be followed by a short question period. Interpretation will be provided. The following programme is envisaged:

1. The Role of Monitoring Stations

The importance of Monitoring Stations and the contributions they can make to domestic and international communications will be considered.

2. Site Selection and Station Construction

Such items as coverage area, man-made interference, masts, antennas and buildings will be discussed.

3. Station Equipment

Under this item, receiving, frequency measurement, field strength, measuring, bandwidth measuring and direction finding equipment will be discussed. Automatic spectrum scanning equipment as well as such auxiliary equipment as teletype, recording and speech inversion equipment will be considered.

4. Operations

The successful operation of a monitoring station depends upon the employment of suitably selected and trained staff. They must also be given adequate direction and supervision.

5. Organization

The manner in which monitoring stations are integrated along with the centralizing office into an administration to provide the information needed to manage its radio communications will be considered.

The actual programme and the names of the speakers will be announced later in the week.

WORKING GROUP 5A (FREQUENCY NOTIFICATION AND  
REGISTRATION PROCEDURE)

After the Chairman's summary of the previous discussions on "Studies, advice and recommendations by the Central Organ", Working Group 5A at its meeting yesterday morning decided to postpone further consideration of the question of whether the I.F.R.B. should categorise separately assignments where the probability of causing harmful interference was "slight" until the meeting had before it the draft of the new Article 11 from the Drafting Group and also a paper to be produced by the I.F.R.B. on the subject of "qualified favourable findings". The Chairman promised that further opportunity would be provided also for a discussion of Regulations 309 to 313.

Document No. DT 511 was placed before the meeting. After its adoption, it gave rise to a somewhat legal but good humoured discussion as to which came first, the functions of the Board as referred to in Article 10 of the Regulations, or the duties of the Board as defined in Article 6 of the Convention. The Chairman finally ruled that the Working Group should proceed with the items listed in DT 511 which was based on the terms of reference of the group approved by Committee 5.

Examination of the proposals made in regard to the first two items listed in DT 511 namely, "Availability of Records" (Section VIII of Article 11) and the inclusion in that Article of references to the sources of the Board's technical standards was completed and those matters referred to the Drafting Group.

COMMITTEE 6 (TECHNICAL)

POWER IN BULGING ENVELOPES

At its meeting on Friday, 16 October, Committee 6 adopted a new Article 16 to replace the existing Articles 16 and 17. It also adopted a new text for Section III of Article 2.

The Committee approved the new form in which the Administration will supply the monitoring data to I.F.R.B.

There was considerable discussion about the "Mean power" and the "Peak power" in envelopes. It was decided not to include in the Radio Regulations detailed tables showing the relations between these for different kinds of transmission.



# THE MORNING ELECTRON

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Wednesday, 21 October, 1959

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I.T.U. Conferences

## AGENDAS

Wednesday, 21 October, 1959

### PLENIPOTENTIARY CONFERENCE

9h.30	Committee D	Room A - Bâtiment Electoral
15 h.	Committee H	Room E - Bâtiment Electoral

### RADIO CONFERENCE

9 h.	Sub-Committee 4B	Room E - Bâtiment Electoral
9 h.	Working Group 4D8	Room H - Bâtiment Electoral
9 h.	Sub-Committee 5A	Room F - Bâtiment Electoral
9 h.	Committee 6	Room C - Palais des Expositions
9 h.	Sub-Committee 7A	Room D - Palais des Expositions
9 h.	Working Group 7B7	Room B - Palais des Expositions
11 h.	Working Group 4C3	Room E - Bâtiment Electoral
12h.30	Region 3 - 4D4	Room K - Bâtiment Electoral
15 h.	Working Group 4C1	Room B - Palais des Expositions
15 h.	Sub-Committee 4G	Room A - Bâtiment Electoral
15 h.	Working Group 5A1	Room H - Bâtiment Electoral
15 h.	Working Group 5B3	Room G - Bâtiment Electoral
15 h.	Working Group 5B4	Cancelled
15 h.	Ad hoc Group 5B4	Room L - Bâtiment Electoral
15 h.	Working Group 6B3	Room C - Palais des Expositions
15 h.	Working Group 7B5	Cancelled
15 h.	Sub-Committee 7C	Room D - Palais des Expositions
16 h.	Ad hoc Sub-Working Group 5	Room K - Bâtiment Electoral
17 h.	Working Group 4C2	Room B - Palais des Expositions
17 h.	Working Group 4E3	Cancelled
17 h.	Sub-Committee 6B	Room C - Palais des Expositions

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TODAY

AT THE PLENIPOTENTIARY CONFERENCE

Committee D - Chairman : Mr. F. Nicotera :  
Summary Record of the first meeting (Document No. 26); draft working programme for the Committee; general discussion on the structure of the Union (Proposals Nos. 2, 3; Documents Nos. 30 and 8); consideration of particular proposals relating to the structure of the Union (Proposals Nos. 89, 71, 76, and Proposal No. 81).

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AT THE RADIO CONFERENCE

Sub-Committee 4G - Chairman : Mr. S. M. Myers :  
examination of frequency allocations for space research (Document No. 397); examination of proposals relating to industrial, scientific and medical applications, 19,000 - 23,000 Mc/s (Document No. DT 124, ADD. 1 and 2); examination of the second draft report by Sub-Committee 4C to Committee 4 (Document No. DT 265, Rev. 1).

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Committee 6 - Chairman : Mr. N. Mirza :  
reports by the Chairmen of Sub-Committees 6A, 6B and 6C; draft resolution (Document No. 424).

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Sub-Committee 7C - Chairman : Mr. G. van A. Graves :  
approval of summary records (Document No. DT 381); reports of Working Groups 7C2 (Document No. DT 473), and 7C3 and of the Drafting Group (Documents Nos. DT 84, 314, 489, 474); E.A.R.C. Agreement; Final Acts of the Baltic and North Sea Radiotelephone Conference (Göteborg, 1955); Final Acts of the International Maritime VHF Radiotelephone Conference (The Hague, 1957).

---

A DEMONSTRATION OF EQUIPMENT  
FOR FREQUENCY MONITORING AND RECORDING

with a discussion on automatic control and  
monitoring of transmissions

There are four such devices, to wit :

- for long and medium waves : the Kapsch FRGN 57A.
- for short waves : the Stabilidyne CSF with Kapsch FRGN 57B
- for ultra-short waves : the Telefunken UKW with Kapsch  
FRGN 57A.

These demonstrations will take place in the hall belonging to the  
"Société genevoise des Amis de l'Instruction",  
6, rue Bartholoni (first floor)

Just a few paces to the left as you leave the Electoral Building  
on Wednesday, 21 October, 1959  
and Thursday, 22 October, 1959  
from 3 p.m. to 8 p.m.  
(and, on request, from 9 p.m. to 10 p.m.)

All those attending the I.T.U. Conferences are cordially invited.

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STAFF

Committee G (Staff) met yesterday morning and tackled the  
problem of integrating the I.T.U. staff into the United Nations Joint  
Staff Pension Fund.

Mr. W.A. Wolverson, the Chairman, an expert on these matters,  
said the problem could be described as intricate rather than difficult.  
Answering questions from the floor, the Acting Secretary-General  
(Mr. Gerald C. Gross), the Chairman of the Staff Association (Mr. Gabriel  
Corbaz), and the Chairman himself provided an historical, legal, and  
financial commentary on the documents relating to this question and on  
the Council's report to the Plenipotentiary Conference.

The Committee will revert to this important matter at its next  
meeting.

SERIES OF LECTURES TO BE GIVEN ON THE OCCASION  
OF THE PLENIPOTENTIARY CONFERENCE

A series of lectures is to be given on the occasion of the Plenipotentiary Conference, beginning Wednesday evening, 18 November through Friday evening 20 November. The programme for the series of lectures has been drawn up by the Publicity Committee, set up for the purpose of developing the idea for this programme presented by Dr. Haakon Sterky, Director-General, Swedish Telecommunications Administration and presented and approved by the 14th Session of the Administrative Council, May, 1959. The programme on this occasion is as follows:

<u>Date</u>	<u>Time</u>	<u>Subject of Lecture</u>	<u>Lecturer</u>	<u>Nationality</u>
18 Nov.	20.30	Colour television	Dr. George H. Brown	U.S.A.
19 Nov.	16.00	The role of telecommunications in scientific and technological research	Mr. H. Ponte	France
	17.00	Radio propagation	Dr. R.L. Smith-Rose	United Kingdom
20 Nov.	16.00	Impact of telecommunications in the development of nations	Dr. K.S. Krishnan	India
20 Nov.	17.00	Space communications	To be confirmed	U.S.S.R.

In addition, there will be an informal reception given at 18.30 hours on Thursday evening, 19 November, to which all delegates, their guests and the public will be invited on a "pay for your drink" basis.

On Friday evening, 20 November, there will be a banquet in honour of the participants. This banquet will be held in the Palais des Nations, at which all delegates and their guests will be welcome.

The banquet address will be given by a prominent and distinguished person. A further announcement will give the details of the banquet programme.

WORKING GROUP 5A (FREQUENCY NOTIFICATION & REGISTRATION PROCEDURE)

Working Group 5A yesterday concluded examination of proposals relating to the inclusion in Article 11 of a reference to the circulars which it is considered the I.F.R.E. should publish before moving on to questions affecting Article 10 of the Regulations. Discussions, in the light of the Group's terms of reference, were restricted mainly to paragraphs 287 to 295, which relate to the functions of the Board, and to paragraphs 298 and 308, which are not covered by the existing Convention. The drafting group has been authorized to proceed with a new draft Article 10 in the light of the discussions which will be summarized by the Chairman at the next meeting.

Consideration of proposals relating to Article 12 was begun and will be continued at to-day's meeting.

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LISTE DES PARTICIPANTS  
LIST OF PARTICIPANTS  
LISTA DE PARTICIPANTES

CONFERENCE ADMINISTRATIVE DES RADIOCOMMUNICATIONS  
ADMINISTRATIVE RADIO CONFERENCE  
CONFERENCIA ADMINISTRATIVA DE RADIOCOMUNICACIONES

Arrivées récentes / New arrivals / Llegadas recientes

20. COLONIES, PROTECTORATS, TERRITOIRES D'OUTRE-MER ET TERRITOIRES SOUS MANDAT  
OU TUTELLE DU ROYAUME-UNI DE LA GRANDE-BRETAGNE ET DE L'IRLANDE DU NORD  
COLONIES, PROTECTORATES, OVERSEAS TERRITORIES AND TERRITORIES UNDER MANDATE  
OR TRUSTEESHIP OF THE UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND  
COLONIAS, PROTECTORADOS, TERRITORIOS DE ULTRAMAR Y TERRITORIOS BAJO MANDATO  
O TUTELA DEL REINO UNIDO DE GRAN BRETAÑA E IRLANDA DEL NORTE

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Jefe de la delegación

Mr. A.H. SHEFFIELD

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Sr. D. Alberto GONZALEZ-ALLER BALSEIRO  
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FEDERAL REPUBLIC OF GERMANY  
REPUBLICA FEDERAL DE ALEMANIA

Conseiller / Adviser / Asesor

M. J. WITTBRODT  
Fonctionnaire des Postes

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T. 36 70 20

Changements d'adresse / Changes of address / Cambios de dirección

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SAUDI ARABIA (Kingdom of)  
ARABIA SAUDITA (Reino de)

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10. BOLIVIE  
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Presidente de la delegación

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31. ETATS-UNIS d'AMERIQUE  
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Expert / Consultant / Experto

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Autres informations / Other information / Otros asuntos

73. PORTUGAL

Délégué / Delegate / Delegado

Ingénieur Mario José Ferreira da COSTA JARDIM  
Chef de Division  
Administration générale des P.T.T.  
(et Mme et Mlle)

82. ROYAUME-UNI de la GRANDE-BRETAGNE et de l'IRLANDE DU NORD  
UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND  
REINO UNIDO DE GRAN BRETAÑA e IRLANDA DEL NORTE

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

Captain Charles Frederick BOOTH, C.B.E.  
(and Mrs)

90. TURQUIE  
TURKEY  
TURQUÍA

Délégué / Delegate / Delegado

Mr. Hacim KAMOY  
(and Mrs)

CONFERENCE DE PLENIPOTENTIAIRES  
PLENIPOTENTIARY CONFERENCE  
CONFERENCIA DE PLENIPOTENCIARIOS

Nouvelles désignations / Nominations / Designaciones

30. ESPAGNE  
SPAIN  
ESPAÑA

Délégué / Delegate / Delegado

Sr. D. Antonio CAPILLA REVUELTA  
Capitán de Navío  
Jefe de la Sección de Transmisiones  
y Enseñanzas Náuticas de la Subsecretaría  
de Marina Mercante

48. ISRAEL (Etat d')  
ISRAEL (State of)  
ISRAEL (Estado de)

Délégué / Delegate / Delegado

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76. REPUBLIQUE ARABE UNIE  
UNITED ARAB REPUBLIC  
REPÚBLICA ÁRABE UNIDA

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

H. E. Mr. Mahmoud RIAD

89. TUNISIE  
TUNISIA  
TÚNEZ

Délégué / Delegate / Delegado

M. Moncef KEDADI  
Chargé d'affaires  
Légation de Tunisie à Berne

Adresses / Addresses / Direcciones

3. ARABIE SAOUDITE (Royaume de l')  
SAUDI ARABIA (Kingdom of)  
ARABIA SAUDITA (Reino de)

Délégué / Delegate / Delegado

- \* Mr. Mahmood MIRDAD  
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(and Mrs)

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10. BOLIVIE  
BOLIVIA

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Jefe de la delegación

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20. COLONIES, PROTECTORATS, TERRITOIRES d'Outre-mer et Territoires  
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et de l'IRLANDE DU NORD

COLONIES, PROTECTORATES, Overseas TERRITORIES and territories  
under mandate or trusteeship of the UNITED KINGDOM of GREAT  
BRITAIN and NORTHERN IRELAND

COLONIAS, PROTECTORADOS, TERRITORIOS de Ultramar y Territorios  
bajo mandato o tutela del REINO UNIDO de GRAN BRETAÑA e  
IRLANDA DEL NORTE

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

- \* Mr. A. H. SHEFFIELD

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UNITED STATES OF AMERICA  
ESTADOS UNIDOS DE AMERICA

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(and Mrs)

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34. FRANCE  
FRANCIA

Président de la délégation / Head of the Delegation  
Jefe de la delegación

M. Raymond CROZE  
Directeur général des  
Télécommunications

aux bons soins de M. A. DREVET  
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T. 24 13 80

Délégué / Delegate / Delegado

M. GASCUEL

Hôtel Touring-Balance  
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T. 24 13 80

94. VENEZUELA (République de)  
VENEZUELA (Republic of)  
VENEZUELA (República de)

Chef adjoint de la délégation / Deputy Head of the  
Delegation / Jefe adjunto de la delegación

Sr. D. José Vicente HERNÁNDEZ

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Délégués / Delegates / Delegados

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Sr. D. Guillermo S. GARCÍA

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Place Cornavin  
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Autres informations / Other information / Otros asuntos

90. TURQUIE  
TURKEY  
TURQUÍA

Délégué / Delegate / Delegado

\* Mr. Hacim KAMOY  
(and Mrs)



# THE MORNING ELECTRON

Vol. One - No. 49

G E N E V A

Thursday, 22 October, 1959

Published throughout the

I.T.U. Conferences

## AGENDAS

Thursday, 22 October, 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Committee G	Room A - Bâtiment Electoral
9.30 a.m.	Committee D Ad Hoc Group	Room F - Bâtiment Electoral
3 p.m.	Committee E	Room A - Bâtiment Electoral
3 p.m.	Committee A	Room E - Bâtiment Electoral

### RADIO CONFERENCE

9 a.m.	Special Sub-Working Group 4D	Room G - Bâtiment Electoral
9 a.m.	Ad Hoc Interviews Sub-Working Group 5	Room E - Bâtiment Electoral
9 a.m.	Ad Hoc Sub-Working Group 5B4	Room K - Bâtiment Electoral
9 a.m.	Working Group 6C	Room C - Palais des Expositions
9 a.m.	Working Group 7A2	Room H - Bâtiment Electoral
9 a.m.	Sub-Committee 7B	Room D - Palais des Expositions
11 a.m.	Sub-Working Group 4D9	Room G - Bâtiment Electoral
11 a.m.	Working Group 4D	Cancelled
2.30 p.m.	Sub-Committee 7E	Room K - Bâtiment Electoral
3 p.m.	Working Group 4B	Cancelled
3 p.m.	Sub-Working Group 4D2	Room G - Bâtiment Electoral
3 p.m.	Sub-Working Group 5A1	Room H - Bâtiment Electoral
3 p.m.	Sub-Working Group 5B2	Room F - Bâtiment Electoral
3 p.m.	Ad Hoc Sub-Working Group 5B4	Room D - Palais des Expositions
3 p.m.	Sub-Working Group 6A	Room C - Palais des Expositions
3 p.m.	Working Group 7A4	Room B - Palais des Expositions
3 p.m.	Working Group 7A3	Room K - Bâtiment Electoral
4 p.m.	Ad Hoc Sub-Working Group 5	Office 115 - Bâtiment Electoral
5 p.m.	Working Group 4C	Room E - Bâtiment Electoral
5 p.m.	Sub-Working Group 4D5	Room G - Bâtiment Electoral
5 p.m.	Ad Hoc Working Group 4A	Room L - Bâtiment Electoral
5 p.m.	Working Group 7A1	Room K - Bâtiment Electoral
6.30 p.m.	Committee 1A	Room E - Bâtiment Electoral
	Working Group 7B5	Cancelled

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TO-DAY

IN THE RADIC. CONFERENCE

In the Special Working Group 4D (Chairman - Mr. van der Willigen) : terms of reference for the Special Group; proposals concerning radio astronomy (Proposal No 4616 and Documents Nos 106, 183, 360, 76, and Document No DT 347).

Working Group 4D2 (Chairman - Mr. H. Shinkawa) : fixed service scatter-propagation allocations (Document No DT 559).

Working Group 5B2 (Chairman - Mr. Arthur L. Lebel) : Documents Nos DT 404 and 422 and Corrigendum 1 thereto; Documents Nos DT 515 and 224 revised.

Sub-Committee 6C (Chairman - Mr. A. Heilmann) : summary records of the eleventh, thirteenth, and fourteenth meetings (Documents Nos DT 383, 402 and 406); report by the Chairman of Working Group 6C6 (Document No DT 551).

Sub-Committee 7B (Chairman - Mr. R.M. Billington) : summary record of the twelfth meeting (Document No DT 416); further consideration of Article 29 : general radiotelegraph procedure in the maritime mobile and aeronautical mobile services (Document No DT 521, Annex 2); draft recommendation on (Document No DT 527).

COMMITTEE H (FINANCES OF THE I.T.U.)

Committee H (Union Finances) met yesterday with Mr José Garrido (Spain) in the Chair. The Vice-Chairmen of the Committee are: Mr. N. Weninger (Austria) and Mr. A. T. El Bardai (U.A.R.), while the three rapporteurs are Mr. R. Arciniegas (Colombia), Mr. T.P. Joyce (Ireland) and Mr. Heggli (Switzerland).

The Committee considered its terms of reference at length. The actual documents will be considered at the next meeting.

DISTRIBUTION OF INVITATIONS, ETC.

Delegations which have invitations, sets of stamps or other communications to distribute to those taking part in the Conferences are asked to deliver them directly to the Distribution Service (Office No.17). The envelopes to be placed in the pigeon-holes of those concerned should always be accompanied by a list of addressees.

The aim of this provision is to facilitate the control of distribution of these various communications and to avoid unfounded complaints.

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\*   \*

In this connections, delegations which wish to give receptions are reminded that it is worth their while to consult the reception register kept by the Head of the Delegates' Service (Office 101, telephone 26), and, having done so, to enter the date they have selected in the register so as to avoid occasionally inconvenient clashes of dates.

AMENDMENT TO THE GUIDE

The last two lines of the information on the Medical Service on page 9 (English and French editions) and page 8 (Spanish edition) of the Guide are to be replaced by a new text which is the same in all three languages. This text will be provided on a small piece of paper to be stuck in the right place.

Members of delegations are requested to obtain this small piece of paper from the Documents Distribution Service.

PLENIPOTENTIARY CONFERENCE

<u>COMMITTEE B</u> :	Vice-Chairman :	Mr. Enrique Camejo-Argudín (Cuba)
<u>COMMITTEE E</u> :	Rapporteur :	Mr. Raymond O Harrell (United States of America)
<u>COMMITTEE H</u> :	Alternate Vice-Chairman :	Dr. Mahmoud Riad (United Arab Republic)

COMMITTEE D

"QUESTIONS AND QUESTIONNAIRE" ... "NO MYSTERY..."

- "QUESTIONNAIRE: 1. Work or part of work containing questions which may be put to pupils on their subjects of study.
2. Series of questions asked to serve as a guide for a survey"
- "QUESTION : 1. Something asked for the purpose of finding out something.
2. Something asked of a pupil to make sure that he has learnt his lesson."

Littre (French Lexicographer)

Committee D (Organisation of the Union) took some important decisions yesterday, under its Chairman, Mr. Nicoters, and resolved:

- to study first the problem of the International Frequency Registration Board (I.F.R.B.);
- to ask the Directors of the International Telegraph and Telephone and International Radio Consultative Committees, the Acting Secretary-General and the Chairman of the I.F.R.B. for their written personal views on the overall structure of the Union.

Had it been left to the Chairman, anxious to see his Committee settle all its problems before the end of the Conference, and also anxious, for psychological reasons, not to enter immediately into a discussion which might lead to terrible conflicts of loyalties, priority would not have been given to the problem of the I.F.R.B., and the ground would first have been cleared by consideration of lesser problems; but it soon appeared that an overwhelming majority was anxious to tackle this particular problem without delay, which is of such importance for the organisation and structure of the I.T.U.

Following an exchange of views which made it clear that we were in for some glorious skirmishes in the future, it was decided that a Working Group under Dr. Manchar Sarwate of India and comprising the representatives of the United States, the U.S.S.R., Czechoslovakia, France, the United Kingdom of Great Britain and Northern Ireland, Colombia, Pakistan, Mexico and the Roumanian Peoples Republic, Mr. Charles Acton, Chairman of the Administrative Radio Conference, and Mr. Pedersen, Chairman of Committee 4 of that same Conference, would

prepare, by Friday if possible, a draft "questionnaire" or "questions" for the Administrative Radio Conference to find out its opinion on the technical problems concerning the I.F.R.B. The Working Group will also consider whether a time limit may be fixed for the Administrative Conference's reply to the questionnaire or questions. Committee D will then decide whether or not it shall tackle the I.F.R.B. problem without more ado, especially with regard to the number, election and remuneration of the members of that body. In the course of yesterday's morning's discussion, Mr. Klovov, Head of the Soviet Delegation, said that it would also be useful to have the views of the C.C.I.R. and the C.C.I.T.T. on this question, and Mr. Francis C. de Wolf, Head of the United States Delegation, said that the questionnaire for the Radio Conference should concentrate on the following two points: 1) the duties and basic functions of the I.F.R.B.; and 2) what body is needed to fulfil the said duties and functions (a kind of tribunal composed of independent national representatives chosen on a geographical basis, or an administrative body with a director at its head?).

The French Delegation was asked at one point to explain the differences between a question and a questionnaire. In the interests of answering this question exactly, we have done our little bit in quoting Littré, who is gospel in France.

Just at the moment when discussion was about to begin on the substance of various proposals concerning the structure of the Union, Mr. Klovov, U.S.S.R. Chief Delegate, proposed that the Directors of the C.C.I.R. and the C.C.I.T.T. should be asked to give their written opinions on the overall structure of the Union. Mr. Francis C. de Wolf, Chief United States Delegate, upheld this proposal, adding notwithstanding an amendment to the effect that the Acting Secretary-General and the Chairman of the I.F.R.B. should also be asked for their opinions.

Mr. van der Toorn, Chairman of the Plenipotentiary Conference, Mr. Gerald C. Gross, Acting Secretary-General, Mr. Metzler, Director of the International Radio Consultative Committee and Mr. Rouvière, Director of the International Telegraph and Telephone Consultative Committee, all spoke, after which the Chairman of the Committee once again pointed out that the question at issue was that of asking the distinguished international officials to give their written personal opinions on the overall structure of the Union. There was no mystery involved, he said; everybody knew what the whole thing was about.

REQUIREMENTS OF "NEW" AND "DEVELOPING" COUNTRIES

Since the sub Ad Hoc Group, Committee 5, intends to conclude the interviews by the evening of Thursday, 22 October 1959, all those desiring to present their points of view on the problem before the Group are requested to do so within this time. The appointments for interviews can be arranged by forwarding the completed ANNEX to Document No. DT 468 to Box No. 502/24. The interviews will start at 3 p.m.

WORKING GROUP 5A

At yesterday's meeting discussions in Working Group 5A on the proposals relating to Article 12 of the Regulations were concluded with little debate, and the matter was referred to the drafting group for preparation of a new draft article. This implemented the items listed in Document No. DT 511 and the Chairman indicated that he would prepare a fresh agenda taking account of various documents which have been referred to 5A for consideration. The meeting then adjourned.

LISTE DES PARTICIPANTS  
LIST OF PARTICIPANTS  
LISTA DE PARTICIPANTES

CONFERENCE ADMINISTRATIVE DES RADIOCOMMUNICATIONS  
ADMINISTRATIVE RADIO CONFERENCE  
CONFERENCIA ADMINISTRATIVA DE RADIOCOMUNICACIONES

Arrivées récentes et nouvelles désignations  
Nominations and new arrivals  
Designaciones y llegadas recientes

84. SUEDE  
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SUECIA

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404. COMMITTEE ON SPACE RESEARCH (COSPAR)

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INTERNATIONAL ASTRONOMICAL UNION  
UNIÓN ASTRONÓMICA INTERNACIONAL

413. UNION RADIO SCIENTIFIQUE INTERNATIONALE (U.R.S.I.)  
INTERNATIONAL SCIENTIFIC RADIO UNION (U.R.S.I.)  
UNIÓN RADIOCIENTÍFICA INTERNACIONAL (U.R.C.I.)

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2. ALBANIE (République populaire d')  
ALBANIA (People's Republic of)  
ALBANIA (República Popular de)

Délégué / Delegate / Delegado

M. Dilaver PENDERI  
Premier Secrétaire de la Légation  
de la R.P. d'Albanie à Paris

3. ARABIE SAOUDITE (Royaume de l')  
SAUDI ARABIA (Kingdom of)  
ARABIA SAUDITA (Reino de)

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

lire }  
read }  
léase }

Mr. Ahmed ZAIDAN

Délégué / Delegate / Delegado

lire }  
read }  
léase }

Mr. Mahmood MIRDAD

19. COLOMBIE (République de)  
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COLOMBIA (República de)

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Sr. D. Victor JIMENEZ-SUÁREZ  
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permanente de Colombia en Ginebra  
(y Señora y 2 hijas)

CONFERENCE DE PLENIPOTENTIAIRES  
PLENIPOTENTIARY CONFERENCE  
CONFERENCIA DE PLENIPOTENCIARIOS

Arrivées récentes et nouvelles désignations  
Nominations and new arrivals  
Designaciones y llegadas recientes

7. BELGIQUE  
BELGIUM  
BÉLGICA

Délégué / Delegate / Delegado

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21. CONGO BELGE ET TERRITOIRES DU RUANDA-URUNDI  
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CONGO BELGA Y TERRITORIO DE RUANDA-URUNDI

Délégué / Delegate / Delegado

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ESTADOS UNIDOS DE AMERICA

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Changements d'adresse / Changes of address / Cambios de dirección

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DENMARK  
DINAMARCA

Délégué / Delegate / Delegado

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94. VENEZUELA (République de)  
VENEZUELA (Republic of)  
VENEZUELA (República de)

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Sr. D. José MARCANO

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Saconnex 32  
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T. 34 52 04

Autres informations / Other information / Otros asuntos

2. ALBANIE ( République populaire d')  
ALBANIA (People's Republic of)  
ALBANIA (República Popular de)

Délégué / Delegate / Delegado

\*M. Dilaver PENDERI  
Premier Secrétaire de la Légation  
de la R.P. d'Albanie à Paris

3. ARABIE SAOUDITE (Royaume de l')  
SAUDI ARABIA (Kingdom of)  
ARABIA SAUDITA (Reino de)

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

lire  
read  
léase

\*Mr. Ahmed ZAIDAN

Délégué / Delegate / Delegado

lire  
read  
léase

\*Mr. Mahmood MIRDAD

19. COLOMBIE (République de)  
COLOMBIA (Republic of)  
COLOMBIA (República de)

Délégué / Delegate / Delegado

\*Sr. D. Victor JIMÉNEZ-SUÁREZ  
Ministro Consejero y delegado  
permanente de Colombia en Ginebra  
(y Señora y 2 hijas)

50. JAPON  
JAPAN  
JAPÓN

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

Mr. Haruhiko UETAKE having left Geneva

Mr. Katsuzo OKUMURA becomes Head of the Japanese Delegation

79. REPUBLIQUE SOCIALISTE SOVIETIQUE DE L'UKRAINE  
UKRAINIAN SOVIET SOCIALIST REPUBLIC  
REPÚBLICA SOCIALISTA SOVIÉTICA DE UCRANIA

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

lire  
read  
léase

M. I.P. LIKSO

- C/ 501. LE SECRETARIAT GENERAL  
GENERAL SECRETARIAT  
SECRETARÍA GENERAL

Mr. George JACKSON  
(and Mrs)



# THE MORNING ELECTRON

Vol. One - No. 50

G E N E V A

Friday, 23 October, 1959

Published throughout the

I.T.U. Conferences

## AGENDAS

Friday, 23 October, 1959

### PLENIPOTENTIARY CONFERENCE

9 a.m.	Ad Hoc Committee D	Room A - Batiment Electoral
9.30 a.m.	Committee D	Room A - Batiment Electoral
3 p.m.	Committee F	Room A - Batiment Electoral

### RADIO CONFERENCE

9 a.m.	Working Group 4E	Room A - Batiment Electoral
9 a.m.	Sub-Working Group 5A1	Room H - Batiment Electoral
9 a.m.	Sub-Working Group 5B1, Region 1	Room F - Batiment Electoral
9 a.m.	Ad Hoc Sub-Working Group 5B4	Room L - Batiment Electoral
9 a.m.	Committee 6	Room C - Palais des Expositions
9 a.m.	Committee 7	Room D - Palais des Expositions
followed by	Sub-Working Group 7B6/A	Room D - Palais des Expositions
3 p.m.	Committee 3C	Room E - Batiment Electoral
3 p.m.	Committee 4	cancelled
3 p.m.	Sub-Working Group 4D9	Room F - Batiment Electoral
3 p.m.	Sub-Working Group 5A1	Room H - Batiment Electoral
3 p.m.	Ad Hoc Sub-Working Group 5B4	Room K - Batiment Electoral
3 p.m.	Sub-Working Group 6A7	Room L - Batiment Electoral
3 p.m.	Sub-Committee 7A	Room D - Palais des Expositions
3 p.m.	Working Group 7B5	Room G - Batiment Electoral
3 p.m.	Working Group 7B7	Room C - Palais des Expositions

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TODAY

PLENIPOTENTIARY CONFERENCE

Committee D (Chairman: Mr. Nicotera): report by Working Group D1; general discussion on the structure of the Union (Proposals Nos. 2 and 3, Documents Nos. 30 and 8); examination of particular proposals relating to the structure of the Union (Proposals Nos. 89, 83, 71 and 76).

RADIO CONFERENCE

Committee 3 (Chairman: Mr. Darnell): approval of agenda; organization of work and membership of Working Groups; report by Working Group 3B (Document No. 31, Plenipotentiary Conference; Document No. 379, Radio Conference); report by the Special Group on "The Morning Electron" (Document No. 46, Plenipotentiary Conference, Document No. 432, Radio Conference); next meeting.

Working Group 4E (Chairman: Mr. Braga): summary records of the sixth, seventh and eighth meetings (and others if available); consideration of reports by Sub-Working Group 4E3.

Sub-Working Group 5B1 (Chairman: Mr. Kirkpatrick): examination of information regarding ship-ship frequencies in bands below 2 850 kc/s (Documents Nos. DT 290, DT 440 and DT 447); Proposals referred to Sub-Group 5B1 (Region 1) by Sub-Group 5B1 (Documents Nos. 22, 24 and 62).

Committee 6 (Chairman: Mr. Mirza): report by the Chairman of Working Group 6A-a) verbal report; b) definitions (Document No. 447); verbal report by the Chairman of Working Group 6B; report by the Chairman of Working Group 6C-a) verbal report; b) Appendix B (Document No. DT 551); guard-band for the 2.182 kc/s frequency (Document No. 356).

Committee 7 (Chairman: Mr. Nomura): summary record of the eighth meeting (if ready); reports by the Chairmen of Sub-Committees 7A, 7B and 7C and the Chairman of Working Group 7E.

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"EVEN THE CLOCKS OF GENEVA ..."

Committee E, under its Chairman, Mr. Francis Colt de Wolf, has now begun to discuss the cardinal problem of technical assistance. The Governments represented at the Geneva Conference are profoundly interested in the principles and the achievements of technical assistance plans and programmes. They regard technical assistance as one of the principal functions of the organization, with the new tasks it brings. This was very clearly brought out in the statements yesterday by the representatives of Japan, Poland, Yugoslavia, Australia, Malaya, the United Kingdom, the U.S.S.R., the United States, India, Pakistan and Ceylon. The same thing has been brought home in explanatory addresses by the Acting Secretary-General, Mr. Gerald C. Cross, and by Mr. Persin, Senior Counsellor, as well as by Delegations.

Representatives of the Secretariat and certain Delegations have stressed the following considerations before the Committee:

1. the Technical Assistance programme is a United Nations programme;
2. national contributions to the programme are voluntary;
3. there must be no duplication, since there are other assistance plans besides the United Nations one;
4. countries would help themselves the more effectively if they were to state their requirements and submit their requests in order to obtain some degree of priority in the field of technical assistance;
5. a better expression than "under-developed" countries would be "under-equipped" countries.

Several Delegates referred during yesterday's discussions to the Searle-Shrivastava mission, which is very widely known not only in the telecommunication world but also in all the organizations and services interested in the general United Nations plan.

Yesterday's meeting was so interesting that not a few Delegates came to join their colleagues as it went on. The Delegate of Ceylon even remarked that the clocks had stopped in the Bâtiment Electoral.

However, Chairman Colt de Wolf's watch was going quite normally, and the meeting rose at 6.10 p.m.

The Committee will resume general discussion of technical assistance at its next meeting, when it will have before it a communication submitted by Mr. Persin on behalf of the Secretariat and a document which the Polish Delegation is now preparing.

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COMMITTEE G

Committee G (Personnel Questions) met today, with Mr. Wolverson in the Chair, to consider in detail a table summarizing the main proposals made to the Conference concerning the transfer of present members of the Pension Fund and the Savings Fund to the United Nations Joint Staff Pensions Fund. The points at issue were whether such members should be granted retroactive insurance or not, what benefits they will receive and what guarantees they will enjoy. The members of the Committee asked for explanations, which they got, no objections being voiced. The main thing was to decide how guarantees should be financed: when the Union's Staff Superannuation and Benevolent Funds has transferred the necessary sums to the United Nations Fund and set aside whatever was required for its current commitments, there would remain a "credit balance". Would it be large enough to cover the guarantees? That is what the actuaries are now calculating. As the Delegate of Ireland put it, it will then be up to the Union's finances to behave as the actuaries' table says .... or even better.

NUMBERS ON PIGEON-HOLES

In order to avoid further repetition of recent mishaps, it is as well to remind participants in the two Conferences that the numbers on pigeon-holes allotted to members of delegations bear absolutely no relation to the order in which their names appear in the list of participants. Therefore, any communications to be placed in pigeon-holes should not be marked with any number. The Distribution Service will look after this.

On the other hand, it is a very good thing to state clearly which of the two Conferences the particular delegate is attending.

TERMS OF REFERENCE OF WORKING GROUPS, SUB WORKING  
GROUPS AND WORKING PARTIES OF COMMITTEE 4

ADDENDUM No. 1

Working Group 4A Ad Hoc:

Chairman : Delegate of India  
Terms of Reference : Examine extension of tropical  
zone up to latitude 43° N.  
between longitudes 40° E. and  
80° E. of Greenwich

Working Group 4C Ad Hoc:

Chairman : C.W. Sowton  
Terms of Reference : Radio Regulations 160, 163  
and 167

Sub-Working Group 4D7 - Region 3:

Chairman : J.M. Power  
Terms of Reference : Table of Frequency Allocations  
174 - 234 Mc/s

Sub-Working Group 4D8 - Region 1:

Chairman : U. Mohr  
Terms of Reference : Table of Frequency Allocations  
216 - 235 Mc/s

Sub-Working Group 4D9:

Chairman : C.W. Sowton  
Terms of Reference : Table of Frequency Allocations  
420 - 450 Mc/s

Working Group 4D Special:

Chairman : J.H.R. van der Willigen  
Terms of Reference : Radioastronomy proposals in  
the 27.5 - 960 Mc/s band

Working Party 4D4/1 - Region 1:

Chairman : E. Sharpe  
Terms of Reference : Table of Frequency Allocations  
68 - 88 Mc/s

Working Group 4E Special:

Chairman : J.H.R. van der Willigen

Terms of Reference : Radioastronomy proposals in  
the bands 1700 - 2700 Mc/s.

CORRIGENDUM

Sub-Working Group 4D2:

Chairman : H. Shinkawa

FOR ALL DELEGATES INTERESTED IN THE E.C.A.F.E. REGION

Mr. George Searle, leader of the New Zealand Delegation to the Administrative Radio Conference, has been commissioned by UNESCO to write a report on the technical problems faced by the Broadcasting Service in the countries of the E.C.A.F.E. Region.

He has requested the "Morning Electron" to suggest that any delegation from countries within the E.C.A.F.E. Region having special technical problems communicate them to him in writing (Box 65/1), Administrative Radio Conference, if they so desire. This will ensure that they are taken account of in the report which is, in fact, already prepared in draft form. He is particularly interested in problems other than the frequency problem which is almost a common one throughout the region.

LISTE DES PARTICIPANTS  
LIST OF PARTICIPANTS  
LISTA DE PARTICIPANTES

CONFERENCE ADMINISTRATIVE DES RADIOCOMMUNICATIONS  
ADMINISTRATIVE RADIO CONFERENCE  
CONFERENCIA ADMINISTRATIVA DE RADIOCOMUNICACIONES

Arrivées récentes / New arrivals / Llegadas recientes

24. CUBA

Délégué / Delegate / Delegado

Sr. Manuel GONZALES-LONGORIA

Hôtel Bali  
Place Cornavin  
Genève  
T. 32 14 40

409. UNION EUROPEENNE DE RADIODIFFUSION (U.E.R.)  
EUROPEAN BROADCASTING UNION (E.B.U.)  
UNIÓN EUROPEA DE RADIODIFUSIÓN (U.E.R.)

Observateur / Observer / Observador

M. G. HANSEN  
Directeur du Centre Technique de l'U.E.R.

Hôtel d'Angleterre  
Quai Mont-Blanc 17  
Genève  
T. 32 81 80

Changements d'adresse / Changes of address / Cambios de dirección

25. DANEMARK  
DENMARK  
DINAMARCA

Délégué / Delegate / Delegado

M. Palle Viggo LARSEN

Hôtel Adriatica  
Rue Sautter 21  
Genève  
T. 26 42 40

24. CUBA

Délégué / Delegate / Delegado

Sr. Miguel Rey BOFILL AGUILAR

Hôtel Moderne  
Rue de Berne 1  
Genève  
T. 32 81 00

82. ROYAUME-UNI de la GRANDE-BRETAGNE et de l'IRLANDE DU NORD  
UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND  
REINO UNIDO DE GRAN BRETAÑA E IRLANDA DEL NORTE

Délégué / Delegate / Delegado

Mr. Philip Douglas WEBB  
(and Mrs)

Av. de Champel 22  
Genève  
T. 36 41 59

Autres informations / Other information / Otros asuntos

25. DANEMARK  
DENMARK  
DINAMARCA

Chef de la délégation / Head of the Delegation / Jefe de la delegación

M. Gunnar PEDERSEN  
(et Mme et Melle)

CONFERENCE DE PLENIPOTENTIAIRES  
PLENIPOTENTIARY CONFERENCE  
CONFERENCIA DE PLENIPOTENCIARIOS

Nouvelles désignations et arrivées récentes  
Nominations and new arrivals  
Designaciones y llegadas recientes

24. CUBA

Délégués / Delegate / Delegado

\*Sr. Manuel GONZÁLEZ LONGORIA

Hôtel Bali  
Place Cornavin  
Genève  
T. 32 14 40

68. PARAGUAY

Chef de la délégation / Head of the Delegation / Presidente de la delegación

Sr. D. Salvador GUANES  
(y Sra)

Délégués / Delegates / Delegados

\*Ingeniero Walter GARCÍA RÍOS  
Administración nacional de Telecomunicaciones

Rue de Lyon 16  
Appt. 23, 2e ét.  
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\*Ingeniero Benito GUANES SERRANO  
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(y Sra)

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Appt. 3  
Genève  
T. 36 29 67

503. LE COMITE CONSULTATIF INTERNATIONAL TELEGRAPHIQUE ET TELEPHONIQUE

(C.C.I.T.T.)

INTERNATIONAL TELEGRAPH AND TELEPHONE CONSULTATIVE COMMITTEE (C.C.I.T.T.)

COMITÉ CONSULTIVO INTERNACIONAL TELEGRÁFICO Y TELEFÓNICO (C.C.I.T.T.)

M. Jean BESSEYRE  
Conseiller supérieur  
(et Mme)

Avenue Dumas 18  
Genève  
T. 35 20 08

Changements d'adresse / Changes of address / Cambios de dirección

24. CUBA

Délégué / Delegate / Delegado

\*Sr. Miguel Rey BOFILL AGUILAR

Hôtel Moderne  
Rue de Berne 1  
Genève  
T. 32 81 00

Autres informations / Other information / Otros asuntos

25. DANEMARK  
DENMARK  
DINAMARCA

Chef de la délégation / Head of the Delegation / Jefe de la delegación

\*M. Gunnar PEDERSEN  
(et Mme et Melle)

34. FRANCE  
FRANCIA

Délégué / Delegate / Delegado

M. Emile de CURTON  
Conseiller d'ambassade  
Représentant de la France auprès  
des Organisations internationales  
à Genève  
(et Mme)



# THE MORNING ELECTRON

Vol. One - No. 51

G E N E V A

Saturday, 24 October, 1959  
Monday, 26 October, 1959

Published throughout the

I.T.U. Conferences

## AGENDAS

Saturday, 24 October, 1959

### RADIO CONFERENCE

9 a.m.	Working Group 5A1	Room H - Bâtiment Electoral
9 a.m.	Working Group 7A4	Room F - Bâtiment Electoral
11 a.m.	Working Group, Committee 2	Office 3 - Bâtiment Electoral
12 o'clock	Committee 2	Room E - Bâtiment Electoral
5 p.m.	Working Group 5A1	Room H - Bâtiment Electoral

Monday, 26 October, 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Committee D	Room A - Bâtiment Electoral
11.30 a.m.	Plenary Meeting	Room A - Bâtiment Electoral
3 p.m.	Committee D	Room A - Bâtiment Electoral
3 p.m.	Working Group of Committee B	Office 3 - Bâtiment Electoral

(Radio Conference : See other side of page)

RADIO CONFERENCE

9 a.m.	Ad Hoc Working Group 4A	Room L - Bâtiment Electoral
9 a.m.	Special Working Group 4D	Room E - Bâtiment Electoral
9 a.m.	Sub-Working Group 5A1	Room A - Bâtiment Electoral
9 a.m.	Sub-Working Group 6B4	Room K - Bâtiment Electoral
9 a.m.	Sub-Committee 7A	Room D - Palais des Expositions
9 a.m.	Working Group 7B	Room G - Bâtiment Electoral
9 a.m.	Ad Hoc Working Group 5B4	Room F - Bâtiment Electoral
3 p.m.	Working Group 4C	Room F - Bâtiment Electoral
3 p.m.	Region 1 - SWG 4D4	Room G - Bâtiment Electoral
3 p.m.	Sub-Working Group 4E3	Room E - Bâtiment Electoral
3 p.m.	Sub-Working Group 5A1	Room H - Bâtiment Electoral
3 p.m.	Region 3 - SWG 5B1	Room L - Bâtiment Electoral
3 p.m.	Working Group 6B	Room C - Palais des Expositions
3 p.m.	Working Group 7A4	Room D - Palais des Expositions

PROGRAMME

TECHNICAL SYMPOSIUM ON MONITORING

Tuesday, 27 October 1959, at 8.30 p.m., Room A

Chairman--W. J. Wilson (Canada)

Subjects :

1. The Rôle of Monitoring Stations
2. Site Selection and Station Construction
3. Monitoring Station Equipment
4. Station Staffing and Operations
5. The Organization of Monitoring Stations
6. Question Period.

Panel of Speakers

Sr. D. Lázaro Barajas Gutierrez (Mexico)

Mr. Percy N. Parker (United Kingdom)

Dr. Horst Fleischer (Federal Republic of Germany)

Mr. Irving L. Weston (United States)

All present are cordially invited to take part in the question period which follows the talks and pictures.

AMATEUR RADIO DINNER

Invitations to dinner to be held Saturday, October 31st, were sent out last week by representatives of the United States amateur organization, the American Radio Relay League, to all known radio amateurs attending the Administrative Radio Conference. The dinner will be held at the Hôtel du Rhône, beginning at 8 p.m. and all amateurs are welcome. If you have not received an invitation by Tuesday, October 27th, it means that the League has no knowledge of your attendance at the Conference. In this case, please leave your name, local address and amateur call with Mr. Bousard at the Public Relations Office, Room 7 on the ground floor of the Bâtiment Electoral, so that an invitation may be sent to you.

IN COMMITTEE D

Committee D, presided by Mr. Nicotera, has drafted the questionnaire or, more accurately speaking, the preamble and the two questions to be put to the Administrative Radio Conference, to ascertain their opinions and recommendations regarding the International Frequency Registration Board (I.F.R.B.).

The document submitted to the Administrative Radio Conference is the result of the labours of Dr. Sarwate's working group, and the amendments proposed during discussion by the Delegations of Colombia, the United States, the U.S.S.R., Sweden and France. The text finally accepted regarding the two questions is grosso modo the text proposed by Mr. Santiago Quijano Caballero on behalf of the Delegation of Colombia, with the amendment proposed by France to cover the desire of the U.S.S.R. Delegation that emphasis be laid upon the economic aspect of the question.

COMMITTEE F

With Mr. Carli as Chairman, Committee F (Convention and General Regulations) continued its study of Proposals Nos. 240, 13, 298, 91, 92, 253, 254, 93, 94, and 95.

The Committee also adopted the conclusions of its Working Group, that is, it adopted the Italian proposals.

ON SATURDAY'S AGENDA

RADIO CONFERENCE

Working Group 7A4 (Chairman, Mr. Sannier): make-up of international call signs (No. 419, paragraph 4); consideration of Proposals No. 5513 (Document No. 299) of the Belgian Congo and No. 4029 (page 337 Rev. 1) of the United States; applications for new call-sign series (Annex I to the Agenda - Document No DT 570-EFS); the section on allocation and notification in Article 19 (Annex II to the Agenda - Document No DT 570-EFS).

LIST OF PARTICIPANTS

As the result of a mistake made by the printer, there are several omissions in the revised text of Section 4 of the List of Participants in the Administrative Radio Conference. The pages numbered Section 4/4 Rev. 2 to Section 4/9 Rev. 2 have therefore been reprinted. The new text is to be distributed.

Participants are requested :

- (1) to keep in their List the pages numbered Section 4/1 Rev. 2 to Section 4/3/1 and
- (2) to replace the subsequent pages of Section 4 by the reprinted pages.

Geneva, 23 October, 1959.

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A NEW CONFERENCE ROOM

A large conference room has been placed at the disposal of the I. T. U. Conferences at the Maison des Congrès, next door to the Palais Wilson, and will be available for meetings by the middle of this week. This room is large enough to seat 150 delegates and is equipped with simultaneous interpretation facilities.

The room will be shown on the Schedule of Meetings Board as Salle PW on green cards.

LISTE DES PARTICIPANTS  
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LISTA DE PARTICIPANTES

CONFERENCE ADMINISTRATIVE DES RADIOCOMMUNICATIONS  
ADMINISTRATIVE RADIO CONFERENCE  
CONFERENCIA ADMINISTRATIVA DE RADIOCOMUNICACIONES

Arrivées récentes / New arrivals / Llegadas recientes

44. IRAN  
IRAN

Chef de la délégation / Head of the Delegation / Jefe de la delegación

S. Exc. Ing. H. SAMIY  
Sous-Secrétaire d'Etat  
du Ministère des P.T.T.  
(et Mme)

Hôtel Adriatica  
Rue Sautter 21  
Genève  
R. 26 42 40

203. COMPAGNIE PORTUGAISE RADIO MARCONI

Représentant / Representative / Representante

Ingénieur Alfredo  
de QUEIROZ RIBEIRO VAZ PINTO  
(et Mme)

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Ouchy - Lausanne  
T. (021) 26 38 31

CONFERENCE DE PLENIPOTENTIAIRES  
PLENIPOTENTIARY CONFERENCE  
CONFERENCIA DE PLENIPOTENTIARIOS

Arrivées récentes et nouvelles désignations  
Nominations and new arrivals  
Designaciones y llegadas recientes

11. BRESIL  
BRAZIL  
BRASIL

Experts / Advisers / Expertos

\*Capitaine de frégate  
Geraldo DUPRAT RIBEIRO  
Ministère de la Marine

Hôtel Excelsior  
Rue Rousscau 34  
Genève  
T. 32 09 45

\*Capitaine de frégate  
José GURJAO NETTO  
Ministère de la Marine

Hôtel Excelsior  
Rue Rousseau 34  
Genève  
T. 32 09 45

Experts / Advisers / Expertos (suite)

*M. Edwin Fomm RIVERA Conseiller technique de la Panair do Brasil S.A.	Hôtel Excelsior Rue Rousseau 34 Genève T. 32 09 45
*M. Fernando RAMOS PEREIRA Chef de la section aéronautique des Télécommunications Ministère de l'Aéronautique	Hôtel Excelsior Rue Rousseau 34 Genève T. 32 09 45

44. IRAN  
IRAN

Chef de la délégation / Head of the Delegation / Jefe de la delegacion

*S. Exc. Ing. H. SAMIY Sous-Secrétaire d'Etat du Ministère des P.T.T. (et Mme)	Hôtel Adriatica Rue Sautter 21 Genève T. 26 42 40
---	--

73. PORTUGAL

Délégué / Delegate / Delegado

*M. l'ingénieur Alfredo de QUEIROZ RIBEIRO VAZ PINTO (et Mme)	Hôtel Beau-Rivage Ouchy-Lausanne T. (021) 26 38 31
---	--

77. REPUBLIQUE FEDERALE D'ALLEMAGNE  
FEDERAL REPUBLIC OF GERMANY  
REPÚBLICA FEDERAL DE ALEMANIA

A insérer en tête de la liste des délégués

Dr. Rudolf THIERFELDER Consul Général Consulat Général de la République Fédérale d'Allemagne à Genève (et Mme)	Chemin des Hauts-Crêts 31 Cologne T. 35 35 33
---	---

Supprimer / delete / suprimir

M. Georg HOFMANN

M. Heinrich VENHAUS

92. UNION DES REPUBLIQUES SOCIALISTES SOVIETIQUES  
UNION OF SOVIET SOCIALIST REPUBLICS  
UNIÓN DE REPÚBLICAS SOCIALISTAS SOVIÉTICAS

Supprimer / Delete / Suprimir

Consciller / Advisor / Asesor

Mme Z. N. NIKOFOROVA

Ajouter / Add / Anadir

Interprète-traductrice / Interpreter-translator / Interprete-traductora

\*Mme Maia LEVTCHENKO  
Ministère des communications  
postales et électriques

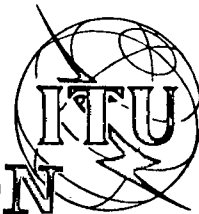
Hôtel Bali  
Place Cornavin  
Genève  
T. 32 14 40

41. Autres informations / Other informations / Otros asuntos

HONGROISE (République populaire)  
HUNGARIAN PEOPLE'S REPUBLIC)  
HÚNGARA (República Popular)

Chef de la délégation / Head of the Delegation / Jefe de la delegacion

Pendant l'absence de M. Béla KÜVESI  
le chef de la délégation sera  
le Dr. Jozsef IVANYI



# THE MORNING ELECTRON

Vol. One - No. 52

GENEVA

Tuesday, 27 October, 1959

Published throughout the

I.T.U. Conferences

## AGENDAS

Tuesday, 27 October, 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Committee D	Cancelled
	Committee G	Cancelled
3 p.m.	Committee F1	Room E, Bâtiment Electoral
3 p.m.	Committee B Working Group	Office 3, Bâtiment Electoral

### RADIO CONFERENCE

	Sub-Working Group 4A Ad Hoc	Cancelled
	Sub-Working Group 4D9	Cancelled
9 a.m.	Sub-Working Group 4D10	Room K, Bâtiment Electoral
9 a.m.	Sub-Working Group 5 Ad Hoc	Room E, Bâtiment Electoral
9 a.m.	Working Group 5A	Room F, Bâtiment Electoral
9 a.m.	Sub-Working Group 5B4 Ad Hoc	Room L, Bâtiment Electoral
9 a.m.	Working Group 6A	Room C Palais des Expositions
9 a.m.	Working Group 7A4	Room B Palais des Expositions
9 a.m.	Sub-Working Group 7A6 Ad Hoc	Cancelled
9 a.m.	Sub-Committee 7B	Room D Palais des Expositions
3 p.m.	Committee 4	Room A Bâtiment Electoral
3 p.m.	Sub-Working Group 5B4	Cancelled
3 p.m.	Sub-Working Group 5A1	Room H, Bâtiment Electoral
3 p.m.	Sub-Working Group 5B4 Ad Hoc	Room F, Bâtiment Electoral
3 p.m.	Sub-Working Group 6B4	Room K, Bâtiment Electoral
3 p.m.	Working Group 7A6	Office 115 Bâtiment Electoral
3 p.m.	Working Group 7A7	Room L, Bâtiment Electoral
3 p.m.	Working Group 7B5	Room G, Bâtiment Electoral
3 p.m.	Sub-Committee 7C	Room D, Palais des Expositions
8.30 p.m.	Sub-Working Group 5A1	Room H, Bâtiment Electoral

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TODAY IN THE RADIO CONFERENCE

In Committee 4 (Chairman: Mr. Pedersen): Summary Record of the Eighteenth Meeting (Document No. 411); Verbal Reports by the Chairmen of the Working Groups; Report by the Chairman on the preamble of the draft Table of Distribution of Frequency Bands (Document No. 443); examination of the Third Report of the Special Group for Space Research Frequency Allocation (if published); Draft Resolution on Radio-Astronomy - United States (Document No. 452); examination of the Report of Working Group 4G (Document No. 449); examination of Corrigendum No. 1 to Document No. 361 - First Report of Working Group 4A (No. 94 a of the Regulations); Memorandum by the Chairman of Committee 4 on ~~future~~ policy as regards distribution of frequency bands (Document No. 423).

In the Special Group of Committee 5 (Chairman: Mr. Mirza): Verbal Report by the Chairman of the Special Group on the results of the interviews.

---

IN PLENARY

At its Plenary Meeting yesterday, the Plenipotentiary Conference decided to refer the I.F.R.B. questions dealt with by Committee D to the Administrative Radio Conference. The text of the questions has been slightly amended and the Administrative Radio Conference is requested to have its reply available before 10 November.

The Paraguayan proposal on the structure of the Union contained in Document No. 16 will be examined by the various Committees, when the Chairman of the Plenipotentiary Conference, in collaboration with the Committee Chairmen and the Paraguayan Delegation, has distributed the various subjects between the Committees.

The Conference took note of the report by Committee C and expressed itself in favour of printing the Final Acts of the Conference. The Conference will have to revert to the distribution of the costs entailed and the share of the Conference in these costs when the exact figures of the share to be borne by the Conference are known.

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BUDGET CONTROL COMMITTEE

The meeting of Working Group C2 scheduled for Wednesday afternoon is CANCELLED. Theoretically, this Working Group should have met before Working Group 3B.

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COMMITTEE 4

The meeting of Committee 4, scheduled for Tuesday afternoon, will be held in Room A; Bâtiment Electoral and not in Room B, Palais des Expositions, as announced.

---

COMMITTEE 6 AND WORKING GROUP 6B

The times of the meetings of Working Group 6B and Committee 6 to be held on Wednesday, 28 October, have been reversed: Working Group 6B will now meet at 9 a.m. in Room C and Committee 6 at 3 p.m.

SUB-COMMITTEE 7A

The Sub-Committee is now studying the problem of service documents (Chapter VIII, Article 20 of the RR). It is endeavouring to reduce the number and the weight of documents which ship stations are obliged to carry, by avoiding the printing of information which already appears in other documents such as the I.C.A.O. publications.

PROGRAMME

TECHNICAL SYMPOSIUM ON MONITORING

Tuesday, 27 October, 1959, at 8.30 p.m., Room A, Bâtiment Electoral

Chairman: W. J. Wilson (Canada)

Subjects:

1. The Rôle of Monitoring Stations
2. Site Selection and Station Construction
3. Monitoring Station Equipment
4. Station Staffing and Operations
5. The Organization of Monitoring Stations
6. Question Period

Panel of Speakers:

Sr. D. Lázaro Barajas Gutierrez (Mexico)  
Mr. Percy N. Parker (United Kingdom)  
Dr. Horst Fleischer (Federal Republic of Germany)  
Mr. Irving L. Weston (United States)

Interpretation in the three working languages will be provided.

All present are cordially invited to take part in the question period which follows the talks and pictures.

LIST OF PARTICIPANTS

The Secretariat of the Plenipotentiary Conference is the same as that of the Administrative Radio Conference (Section 6 of the List of Participants). Accordingly, participants are requested to replace the green card bearing the number six in the List of Participants by the white card with the same number, indicating that the Secretariat is the same for both Conferences. This white card will be placed in the pigeon-holes of the participants.

RECTANGLE AND PYRAMID : THE WOOD AND THE TREES

With Mr. Nicotera in the Chair, Committee D has continued its comprehensive discussions on the organization and structure of the Union. It was particularly interesting, because many Heads of Delegations and senior officials of the Union were able to give their opinions and suggestions on the ways in which an international organization which will soon be a hundred years old, can not only profit by its past experience, but stand up to the new tasks which face it.

It would be extremely difficult and, indeed, presumptuous to try to give a full account of the exchanges of views which took place yesterday morning and afternoon. Mr. Quijano Caballero perhaps summed up the arguments of many delegates when he said that the structure of the Union should be likened to a pyramid rather than a rectangle. The Head of the United States Delegation, Mr. Colt de Wolf, had been the first to speak of a pyramid and the simile was taken up again by Mr. Rouvière, Director of the C.C.I.T.T. The Delegate of the United Kingdom used another simile to describe the development of the I.T.U. - that of a tree gradually throwing out its branches. This led the Delegate of Australia to state that it was better to prune than to substitute and brought Mr. Rouvière to explain that he saw the present organization of the Union as a clump of four clearly separated bushes with intertwining foliage.

Many delegates, such as the representatives of Australia, Brazil, China and Colombia, declared their agreement with the findings of the report by the United Nations Advisory Committee on Administrative and Budgetary Questions. The Acting Secretary-General, Mr. Gerald C. Gross, stated that, in his view, it would be unnecessary to submit a further special document, since he was entirely in agreement with the findings of the report.

Apart from the general trends, some of the original suggestions which could be discussed are:

- the pyramidal structure of the Union (Mr. Colt de Wolf and Mr. Rouvière);
- the election of the Administrative Council on the basis of the representation of the five continents and not four Regions (Mr. Klovoy);
- the necessity for a specialized I.F.R.B. Secretariat (Mr. Sundaram);

- the election of the Members of the I.F.R.B., on the basis of personal qualifications and not national or geographical representation (Mr. Colt de Wolf, Mr. Pedersen and the Delegates of Australia and Sweden);
- a radical transformation of the I.F.R.B., specialists recruited on a geographical basis being entrusted with frequency recording (Mr. Klokov);
- the revision of the Regulations by correspondence (Mr. Pedersen);
- the setting-up of a special division of the Secretariat for technical assistance problems (Delegate of Ceylon);
- the addition of an African representative to the Administrative Council (Mr. Klokov and Mr. van der Toorn).

Obviously, there is a clash between the conservatives and the reformists, but this is more apparent than real, since even those who advocate more haste less speed realize that there is such a thing as progress and understand the importance of such new factors as technical assistance, space communication, the further development of certain countries and so on.

It was decided to hold the next meeting on Thursday next, so that the Members of the Committee would have time to study the communications submitted by Dr. Metzler, Mr. Rouvière and Mr. Sundaram, which will be fully distributed today. The Chairman, Dr. Nicotera also announced that delegations could submit their written proposals on the structure of the Union up to the evening of next Saturday.

---

LISTE DES PARTICIPANTS  
LIST OF PARTICIPANTS  
LISTA DE PARTICIPANTES

CONFERENCE ADMINISTRATIVE DES RADIOCOMMUNICATIONS  
ADMINISTRATIVE RADIO CONFERENCE  
CONFERENCIA ADMINISTRATIVA DE RADIOCOMUNICACIONES

Arrivées récentes et nouvelles désignations / Nominations and new arrivals  
Designaciones y llegadas recientes

1. AFGHANISTAN  
AFGANISTÁN

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

M. Mohammed Azim GRAN  
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24. CUBA

Délégué / Delegate / Delegado

Sr. Fausto PÉREZ

Changement d'adresse / Change of address / Cambio de dirección

76. REPUBLIQUE ARABE UNIE  
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Jefe de la delegación

En ausencia de S.E. el Señor Doctor Enrique CAMEJO-ARGUDÍN  
Sr. Miguel Rey BOFILL ÁGUILAR

CONFERENCE DE PLENIPOTENTIAIRES  
PLENIPOTENTIARY CONFERENCE  
CONFERENCIA DE PLENIPOTENCIARIOS

Arrivées récentes et nouvelles désignations / Nominations and new arrivals  
Designaciones y llegadas recientes

1. AFGHANISTAN  
AFGANISTÁN

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

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Jefe de la delegación

H.E. Dr. Mahmoud Mohammed RIAD

Délégués / Delegates / Delegados

Engineer Anis Tewfik EL BARDAI

Engineer Camil Mohamed MEHREZ

Engineer Shawkat EL SAWAF

A diplomatic representative from the U.A.R.'s Embassy  
in Switzerland

95. VIET-NAM (République du)  
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Casier P.59/2

Autres informations / Other information / Otros asuntos

24. CUBA

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Jefe de la delegación

En ausencia de S.E. Señor Doctor Enrique CAMEJO-ARGUDÍN

Sr. Miguel Rey BOFILL ÁGUILAR



# THE MORNING ELECTRON

Vol. One - No. 53

G E N E V A

Wednesday, 28 October 1959

Published throughout the

I.T.U. Conferences

## AGENDAS

Wednesday, 28 October 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m. Committee F2  
3 p.m. Committee F

Room E - Bâtiment Electoral  
Room A - Bâtiment Electoral

### RADIO CONFERENCE

9 a.m. Plenary Meeting  
9 a.m. Sub-Working Group 4B2  
9 a.m. Sub-Working Group 4D8  
9 a.m. Sub-Working Group 5 Ad Hoc  
9 a.m. Sub-Working Group 5B4 Ad Hoc  
9 a.m. Working Group 6B  
9 a.m. Sub-Committee 7A  
9 a.m. Working Group 7B6  
9 a.m. Working Group 7A4 Ad Hoc  
9 a.m. Working Group C2/3B  
3 p.m. Working Group 4D  
Working Group 4E  
3 p.m. Sub-Working Group 5A1  
3 p.m. Sub-Working Group 5B1  
3 p.m. Sub-Working Group 5B4 Ad Hoc  
3 p.m. Committee 6  
3 p.m. Working Group 7A2  
3 p.m. Working Group 7B7

Room A - Bâtiment Electoral  
Cancelled  
Room G - Bâtiment Electoral  
Office 115 - Bâtiment Electoral  
Room L - Bâtiment Electoral  
Room C - Palais des Expositions  
Room D - Palais des Expositions  
Room K - Bâtiment Electoral  
Room H - Bâtiment Electoral  
Cancelled  
Room B - Palais des Expositions  
Cancelled  
Room H - Bâtiment Electoral  
Room F - Bâtiment Electoral  
Room L - Bâtiment Electoral  
Room C - Palais des Expositions  
Room K - Bâtiment Electoral  
Room G - Bâtiment Electoral

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TODAY

AT THE PLENIPOTENTIARY CONFERENCE

In Committee F (Chairman: Mr. Carli): summary record of the third meeting (if distributed); proposal by the Drafting Group, annexed to the summary record of the third meeting (if the summary record is distributed); continuation of the study of proposals relating to the Convention:

Article 1

Proposal No. 6 by Sweden (amended by Document No. 45), Page 4 (postponed)  
Proposal No. 299 by Mexico Document No. 43 (postponed)

Article 3

Proposal No. 304 by Poland Document No. 73  
Proposal No. 298 by Mexico Document No. 42

Article 9

Paragraph 2: Periods between sessions of the Plenipotentiary Conference: resolution by Committee F at its third meeting.  
Paragraph 3: Proposals Nos. 96 and 97, Page 73

Article 10

Proposals Nos. 98 and 99 Page 74 Rev.1  
" No. 255 " 74.1  
" Nos. 100, 101, 256 " 75 Rev.1  
(Postponed until Committee D decides on the structure of the I.F.R.B.)  
Proposals Nos. 102, 103, 105 Pages 76 Rev.1, 77 and Doc. No. 57  
" No. 106 " 78  
" Nos. 107, 108, 109 " 78, 79, 80

Article 11

Proposal No. 110 Page 82

Delegates are requested to note that the Office for Consulting the Lists published by the I.T.U. has moved from Room 109 to Room 113.

AT THE RADIO CONFERENCE

In Working Group 4A (Chairman Mr. Loyer): report by the Ad Hoc Working Group on the extension of the tropical zone 40° E and 80° E of Greenwich; draft Addendum to Document No. DT 413 (Continuation of the discussion on Proposal No. 5530 (India) concerning No. 253 of the RR).

In Sub-Working Group 4B2 (Chairman Mr. Williams): study of proposals concerning frequency allocations in the 70 - 150 kc/s band (see Document No. DT 48 and Document No. 91).

In Working Group 6B (Chairman Mr. Jowet): consideration of the items in the agenda of the 12th meeting (Document No. DT 579, items 4, 6, 7, 8, 9, 10 and 11) which have not yet been dealt with and the following additional item: "Appendix 4, tolerances for the intensity of spurious emissions, Document No. DT 603".

In Sub-Committee 7A (Chairman Mr. Bouchier): approval of the summary record of the 13th meeting (Document No. 398); approval of the summary record of the 15th meeting (Document No. 399); approval of the Annex to Document No. 398; approval of the Annex to Document No. 399; continuation of the study of proposals concerning Article 20; study of the proposals concerning Appendix 6; study of the proposals concerning Appendix 7.

A LAST AND URGENT APPEAL

It is becoming more and more evident, now that the two Conferences are working simultaneously, that the smaller delegations and observers wishing to keep up to date on what is happening in the various Committees and Sub-Committees, and in most of the Working Groups, have no means of doing so. Hence their repeated requests, appeals and questions to "The Morning Electron" which, in the circumstances, can only act as a go-between - alas!

The single-handed editor of "The Electron" is therefore making a last and urgent appeal to the Chairmen and Rapporteurs: would they please be good enough to hand in to the Office of Public Relations - at least from time to time - a few lines on the progress in the work of their Committees, Sub-Committees or Working Groups.

COMMITTEE 4

RADIOASTRONOMY -- A "PROPHETIC DOCUMENT" -- THE THIRD ALTERNATIVE

A lighter note prevailed in Committee 4 this afternoon; the reports by the Chairmen of the Working Groups were more encouraging than those which had hitherto been received.

On the question of space communications Mr. Acton, Chairman of the Conference and also Chairman of the ad hoc group on space communications, expected that their third report would be available within the next two days; it was agreed that it would be appropriate to discuss this third report at the next meeting of Committee 4 on Friday of this week.

The United States proposed draft Resolution to facilitate radio-astronomy (Document No. 452) was widely welcomed; during the general discussion most delegates taking the floor expressed views that even more might be done for the benefit of the radioastronomy service. It was agreed that, after the existing working groups of Committee 4 had made such provision as was possible by world-wide and regional allocations and footnotes for radioastronomy, an ad hoc group of Committee 4 would be set up to consider the draft Resolution in respect of frequencies for which the foregoing provision had not been possible.

Without doubt the most significant feature of the afternoon was the personal memorandum from the Chairman, Mr. Gunnar Pedersen, to Committee 4 on the "Future Policy for the Allocation of Radio Frequencies", (Document No. 423). This was variously described as "an excellent and prophetic document", "most interesting and fundamental", "most important", "a realistic appraisal of the future difficulties in this field", and received unanimous support. There was also general acceptance that, as proposed by Colombia at an earlier meeting, a special ad hoc group should be set up to analyse the problems stated in paragraph 14 of Document No. 270, taking into account Document No. 423 and the comments made on it in the Committee.

Mr. Pedersen was put under great pressure to accept the Chairmanship of this special ad hoc group despite his other responsibilities not only as Chairman of Committee 4 but also as leader of the Danish Delegation to the Plenipotentiary Conference; when it appeared that an impasse might have been reached, Mr. Pedersen produced the famous "third alternative" on which we quoted him in an earlier edition of the "Morning Electron". He would accept the Chair on a shared basis with the Vice-Chairman, Mr. E.J. Stewart of Australia. This seems to be a particularly appropriate solution since it was this team which in a previous special ad hoc group produced the Report (Document No. 270) from which this present action stems.

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WORKING GROUP 5A

At yesterday's meeting of Working Group 5A Mr. Henry, Chairman of 5A1 (Drafting Group) gave a brief review of his Group's activities, indicating that twenty-six meetings had been held and that some draft texts covering Articles 10, 11 and 12 would be ready by the beginning of next week.

The Chairman of Working Group 5A (Mr. Searle) placed before the meeting Document No. DT 572 which, in addition to listing all documents which had been referred to the group, contained a draft agenda of items still requiring attention. After certain additions had been made to the document it was adopted and during the morning it proved possible to deal with items 2 to 6 set out on page 4. In connection with item No. 5, which related generally to footnotes to the Frequency Allocation Table, it was decided to set up a small sub-working group to study the question of the relationship between these footnotes and frequency registration procedure, taking into account the work already carried out by Committee 4. The working party is to consist of representatives of Canada (Mr. Dawson), the Netherlands (Mr. Willems) and India (Mr. Rao), assisted by Mr. Dellamula of the I.F.R.B. Mr. Dawson is to convene the group.

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# THE MORNING ELECTRON

Vol. One - No. 54

GENEVA

Thursday, 29 October, 1959

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## AGENDAS

Thursday, 29 October, 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Committee D	Room A - Bâtiment Electoral
9.30 a.m.	Committee H	Cancelled
3 p.m.	Committee E	Room A - Bâtiment Electoral
6.30 p.m.	Committee A	Room E - Bâtiment Electoral

### RADIO CONFERENCE

9 a.m.	Sub-Working Group 5A1	Room H - Bâtiment Electoral
9 a.m.	Working Group 4A	Room B - Palais des Expositions
	Working Group 4C	Cancelled
9 a.m.	Sub-Working Group 4C Ad Hoc	Room E - Bâtiment Electoral
9 a.m.	Working Group 4D Special	Room G - Bâtiment Electoral
	Working Group 5 Ad Hoc	Cancelled
9 a.m.	Sub-Working Group 5B4 Ad Hoc	Room L - Bâtiment Electoral
9 a.m.	Working Group 6B	Room C - Palais des Expositions
9 a.m.	Working Group 7A4 Ad Hoc	Office 115
9 a.m.	Working Group 7B	Room D - Palais des Expositions
	Sub-Working Group 5B2	Cancelled
10 a.m.	Working Group 4 Ad Hoc	Room F - Bâtiment Electoral
11 a.m.	Sub-Working Group 4E3	Room E - Bâtiment Electoral
	Working Group 4B	Cancelled
3 p.m.	Sub-Working Group 4B2	Room B - Palais des Expositions
3 p.m.	Region 1 - 4D4	Room G - Bâtiment Electoral
3 p.m.	Sub-Working Group 5B4	Cancelled

(Continued overleaf)

3 p.m. Sub-Working Group 5B4 Ad Hoc  
3 p.m. Working Group 6A  
3 p.m. Sub-Committee 7C  
3 p.m. Plenary Ad Hoc Group  
3 p.m. Sub-Working Group 5A1  
5 p.m. Region 3 - 407  
6.30 p.m. Committee 1

Room L - Bâtiment Electoral  
Room C - Palais des Expositions  
Room D - Palais des Expositions  
Room E - Bâtiment Electoral  
Room H - Bâtiment Electoral  
Room G - Bâtiment Electoral  
Room E - Bâtiment Electoral

The urgent publication of important documents to be distributed on the morning of 29 October obliges us to postpone the "Meeting Notes" which should have appeared here until the next number.

TODAY

AT THE RADIO CONFERENCE

In Working Group 4A (Chairman Mr. Løven): report of the Ad Hoc Working Group on the extension of the tropical zone 40°E and 80°E of Greenwich; the draft Addendum to Document No. DT 413 (further discussion of Proposal No. 5530 by India relating to No. DT 253 of the RR).

In Sub-Working Group 4D7 (Chairman Mr. Power): further examination of the proposals for allocations in the 174 - 235 Mc/s bands in Region 3.

In Sub-Working Group 4E3 (Chairman Mr. Andersen): examination of proposals relating to the 9 000 - 9 500 Mc/s band (see Documents Nos. DT 123, Addenda Nos. 15, 16 and 17; No. DT 480; No. DT 498 and No. DT 598); draft report of Sub-Working Group 4E3 to Group 4E.

AD HOC WORKING GROUP

SET UP BY THE PLENARY MEETING (RADIO CONFERENCE)

The Ad Hoc Working Group set up on Wednesday morning by the Plenary Meeting of the Radio Conference will meet in Room E :

Thursday afternoon at 3 p.m.  
Friday morning at 9 a.m.  
Saturday morning at 9 a.m.  
Saturday afternoon at 3 p.m.

and if necessary on Saturday evening and the morning of Monday, 2 November.

COMMITTEES E AND H

In order to avoid meetings of Committees E and H at the same time, it has been decided that the next meeting of Committee H will take place on Friday, 30 October, at 3 p.m. at the Palais Wilson. The Agenda appears in Document No. DT 16.

AD HOC GROUP 6 (2 182 Kc/s)

Meeting of Ad Hoc Working Group 6 (2 182 kc/s) (Chairman : S.H. Cata), Friday, 30 October, at 3 p.m. in Room L (Batiment Electoral). In particular this concerns the delegations mentioned below, which expressed a wish to participate in Ad Hoc Working Group 6 :

Bielorussian S.S.R.	India	Federal Republic of
Canada	Israël	Germany
United States of America	Japan	United Kingdom
France	New Zealand	Sweden

NEW AND DEVELOPING COUNTRIES

The meeting of the Ad Hoc Group of Committee 5, scheduled for Thursday morning, has been cancelled. The Group will meet instead at 15,00 hours on Friday, 30 October, 1959, to consider Document No. DT 620 and the Draft Report for Committee 5.

WORKING GROUP 4C

Working Group 4C (Chairman : Mr. Hans Pressler, Federal Republic of Germany) which deals with the frequency bands 4 - 27.5 Mc/s, with the exception of broadcasting services, has almost completed its work and hopes to have its final report ready for Committee 4 during the first week of November.

LISTE DES PARTICIPANTS

LIST OF PARTICIPANTS

LISTA DE PARTICIPANTES

CONFERENCE ADMINISTRATIVE DES RADIOCOMMUNICATIONS

ADMINISTRATIVE RADIO CONFERENCE

CONFERENCIA ADMINISTRATIVA DE RADIOCOMUNICACIONES

et / and / y

CONFERENCE DE PLENIPOTENTIAIRES

PLENIPOTENTIARY CONFERENCE

CONFERENCIA DE PLENIPOTENCIARIOS

20. COLONIES, PROTECTORATS, TERRITOIRES d'Outre-Mer et Territoires sous mandat ou tutelle du ROYAUME-UNI de la GRANDE-BRETAGNE et de l'IRLANDE DU NORD

COLONIES, PROTECTORATES, overseas TERRITORIES and Territories under mandate or trusteeship of the UNITED KINGDOM of GREAT BRITAIN and NORTHERN IRELAND

COLONIAS, PROTECTORADOS, TERRITORIOS de Ultramar y Territorios bajo mandato o tutela del REINO UNIDO de GRAN BRETAÑA e IRLANDA DEL NORTE

Le titre de ce Membre doit être modifié comme suit:

The title of this Member should be amended to read:

El nombre de este Miembro se ha modificado y es ahora el siguiente:

TERRITOIRES D'OUTRE-MER dont les relations internationales relèvent du Gouvernement du ROYAUME-UNI DE GRANDE- BRETAGNE et de l'IRLANDE DU NORD

OVERSEAS TERRITORIES for the international relations of which the Gouvernement of the UNITED KINGDOM OF GREAT BRITAIN and NORTHERN IRELAND are responsible

TERRITORIOS DE ULTRAMAR cuyas relaciones internacionales corren a cargo del Gobierno del REINO UNIDO DE GRAN BRETAÑA e IRLANDA DEL NORTE

CONFERENCE ADMINISTRATIVE DES RADIOCOMMUNICATIONS

ADMINISTRATIVE RADIO CONFERENCE

CONFERENCIA ADMINISTRATIVA DE RADIOCOMUNICACIONES

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Designaciones y llegadas recientes

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MALAYA (Federation of)  
MALAYA (Federación)

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Jefe de la Delegación

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DE L'IRLANDE DU NORD

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69. PAYS-BAS, SURINAM, ANTILLES NÉERLANDAISES,  
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NUEVA GUINEA

Conseiller / Adviser / Asesor

Mr. C.J.Th. WESTERTERP  
(and Mrs.)

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PLENIPOTENTIARY CONFERENCE  
CONFERENCIA DE PLENIPOTENCIARIOS

Arrivées récentes et nouvelles désignations / Nominations and new arrivals  
Designaciones y llegadas recientes

12. BULGARIE (République populaire de)  
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Télécommunications d'OUTRE-MER

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and Telecommunications Agency

CONJUNTO DE ESTADOS y TERRITORIOS representados  
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MAROCCO (Kingdom of)  
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VENEZUELA (República de)

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Jefe adjunto de la delegación

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Autres informations / Other information / Otros asuntos

65. NOUVELLE-ZELANDE  
NEW ZEALAND  
NUEVA ZELANDIA

Délégué / Delegate / Delegado

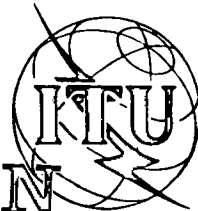
Mr. John George McARTHUR

Left Geneva  
on 26.10.59

69. PAYS-BAS, SURINAM, ANTILLES NÉERLANDAISES,  
NOUVELLE-GUINÉE  
NETHERLANDS, SURINAM, NETHERLANDS ANTILLES,  
NEW GUINEA  
PAÍSES BAJOS, SURINAM, ANTILLAS NEERLANDESES,  
NUEVA GUINEA

Délégué / Delegate / Delegado

Mr. H.J. SCHIPPERS  
(and Mrs.)



# THE MORNING ELECTRON

Vol. One - No. 55

G E N E V A

Friday, 30 October 1959

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## AGENDAS

Friday, 30 October 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Committee G	Cancelled
3 p.m.	Committee D	Room A - Bâtiment Electoral
4.45 p.m.	Committee H	Room PW - Maison des Congrès
	Committee F	Room A - Bâtiment Electoral

### RADIO CONFERENCE

9 a.m.	Working Group 4D	Room F - Bâtiment Electoral
9 a.m.	Sub-Working Group 4E Ad Hoc	Room G - Bâtiment Electoral
	Committee 5	Cancelled
9 a.m.	Committee 6	Room C - Palais des Expositions
9 a.m.	Committee 7	Room D - Palais des Expositions
11 a.m.	Plenary Ad Hoc Group	Room E - Bâtiment Electoral
3 p.m.	Committee 4	Room A - Bâtiment Electoral
3 p.m.	Sub-Working Group 5 Ad Hoc	Room C - Palais des Expositions
3 p.m.	Sub-Working Group 5A1	Room H - Bâtiment Electoral
3 p.m.	Sub-Working Group 5B3	Room F - Bâtiment Electoral
3 p.m.	Sub-Working Group 5B4 Ad Hoc	Cancelled
3 p.m.	Working Group 6 Ad Hoc	Room L - Bâtiment Electoral
3 p.m.	Sub-Committee 7A	Room D - Palais des Expositions
3 p.m.	Working Group 7B6	Room G - Bâtiment Electoral
5 p.m.	Plenary Ad Hoc Group	Room E - Bâtiment Electoral

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TODAY

IN THE RADIO CONFERENCE

In Committee 4 (Chairman Mr. Pedersen): examination of the 3rd report by the Special Group on frequency allocations for space research (Document 478); oral reports by the Chairmen of the Working Groups; draft resolution on the use of the 7 100 - 7 300 kc/s band - amateur and broadcasting services (Document 477); examination of CORRIGENDUM 2 to Document 361 - First report by Working Group 4A (number 94a of the Regulations).

In Working Group 4E (Chairman Mr. van der Willigen): examination of Document 452 relating to frequencies to be allocated to radioastronomy in the 2 000 - 3 000 Mc/s band; proposals relating to the allocation of frequencies for radioastronomy in the bands on either side of 5,000 Mc/s; U.S.S.R. proposals 5322, 5327, 5329 and 5333 (Documents 76, 106, 183, 347, 360 and 452; Proposal 4616).

In Committee 6 (Chairman Mr. Mirza): summary records of the 5th and 6th meetings (Documents 428 and 429); definitions (Document 481); report by Working Group 6B (Document 485); draft recommendation - Frequency tolerances (Document 484); draft recommendation - designation of emissions (Working Document 624); additional definitions (Document 242 (Rev.), Section 9 (3), page 7).

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IN THE PLENIPOTENTIARY CONFERENCE

THE ADMINISTRATIVE COUNCIL (I)

Committee D yesterday continued the general discussion on the organization and structure of the Union.

Those who spoke were in favour of gradual and well-adjusted changes rather than drastic reform or changes in the structure of the Union or the Secretariat themselves.

The Delegate of the United Kingdom of Great Britain and Northern Ireland said in substance that it would perhaps be wise to retain some so-called shortcomings. He stressed the need to allow the big Union committees to act freely. The Delegate of Morocco was in favour of better preparations for international conferences.

The Delegate of India remarked that the task of the Union was above all technical and that administrative work came only after technical tasks. (That had been seen very recently when the Los Angeles Assembly of the International Radio Consultative Committee took some decisions on its future programme).

The Delegate of Pakistan stressed that in the International Telecommunication Union administrations offered their collaboration voluntarily and that red-tape could hold up technical developments.

The Delegate of Ethiopia considered that changes would be necessary but that they could be made at the following conference as that was impossible at the Geneva Plenipotentiary Conference.

Mr. Nicotera, the Chairman, recalled that Delegations had until Saturday evening to submit written proposals to the Secretariat concerning the structure and organization of the Union. The Committee then embarked on the problem of the Administrative Council.

Nearly all those who spoke agreed to changes in the Administrative Council which, whilst taking into account the development of the world itself, would ensure that countries from the African Continent would be represented on the Council, by increasing the seats therein from 18 to 22. In the course of a previous meeting the Delegations of the U.S.S.R. and the Netherlands had already stated that they were in favour of the representation of Africa on the Administrative Council.

The Committee had then to examine:

- a proposal by China concerning representation on the Administrative Council;

- a proposal by Sweden concerning representation by notation on the Administrative Council; and
- a proposal by Greece, which considered that the number of Council Members should be reduced rather than increased.

The Representatives of India and Pakistan considered that the powers of the Council should be increased.

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TECHNICAL ASSISTANCE

Tomorrow the "Morning Electron" will publish a summary record of the very lively discussion which took place in Committee E on Technical Assistance problems.

IN THE RADIO CONFERENCE<sup>1)</sup>

THE I.F.R.B. (I)

On Wednesday, in plenary meeting, the Radio Conference really tackled the problem of the I.F.R.B., a matter which had until then given rise to brushes in the various working groups and preliminary skirmishes in the Plenipotentiary Conference.

Mr. Charles J. Acton, Chairman of the Conference, said that the matter was both difficult and important. The Plenipotentiary Conference was expecting an answer to its questions by 10 November.

The Conference thereupon lost no time in deciding to set up a special working group to draft replies to these questions. It was to be made up of the Chairman of Plenipotentiary Conference Committee D, the Chairmen of Committees 4 and 5 and Sub-Committees 5A and 5B of the Radio Conference, and Delegates of the People's Republic of Bulgaria, Colombia, the United States of America, Ghana, France, India, Japan, the United Arab Republic, the Union of Soviet Socialist Republics, the Union of South Africa, and the United Kingdom of Great Britain and Northern Ireland, plus the Chairman of the special Committee 5 Working Group dealing with the problems of the "new and developing" countries.

It was agreed that Mr. Charles J. Acton would act as Chairman of the new group, which would get down to work without more ado.

Hardly had it been decided to set up the special group than the Delegations began to explain their proposals or give their views on the exceedingly important problem of the duties, activities, and organization of the International Frequency Registration Board.

The attitudes and proposals in question are well known; the proposals advocate everything from trifling changes in the existing system to thorough-going overhauls. We shall not try to give a detailed account of the meeting, since the Minutes thereof are already out. We shall merely list the more original proposals and suggestions made - proposals and suggestions which will have to be considered, first by the special group and then by the Radio Conference itself, before being examined by the Plenipotentiary Conference. Here, then, is a list - albeit incomplete - of these proposals and suggestions:

Structure

The Chairman should change periodically (Portugal). The members of this body should be elected in the light of their personal qualifications, and not as representatives of countries or regions (Portugal and Greece). There should be no more than nine members, elected for an indefinite period

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<sup>1)</sup> See the notice on page 3 of yesterday's "Electron".

so as to ensure the prestige and independence of the Board (Greece). Since frequencies are apportioned by regions, the various parts of the world should be equitably represented (the United Arab Republic, Saudi Arabia).

#### New techniques

Apart from assistance to the under-developed, newer countries, help should be given to countries already operating services but constantly developing. Despite the new techniques used for wide-band high-frequency systems, micro-wave relays, and wide-band land and under-water cables, difficulties with the high frequencies would steadily increase. The international fixed services and the maritime mobile and aeronautical services were becoming ever more important for all countries (New Zealand, Portuguese Overseas Provinces).

For efficient frequency and circuit utilization, recourse should be had to multi-channel operation, using independent sideband equipment for radiotelephony and time-division multiplex for radiotelegraphy (Israel).

The International Radio Consultative Committee should devise technical standards and handbooks on which the technical calculations needed for frequency registration could be based; the work recently done by that body showed that there existed procedures more up to date than those used as long ago as 1948. The use of obsolete standards and methods made no provision for problems connected with forecasts of maximum usable frequency and optimum working frequency, field strengths in case of atmospheric propagation, oblique-incidence ionospheric soundings, and communications with artificial satellites and other space vehicles (Czechoslovakia).

#### Order and Progress

The best remedy for existing ills, and the most effective help that could be given to the I.F.R.B., would be to organize a real international monitoring system, to get exact information about frequency usage and to offer effective advice to Administrations (Mexico).

The Pedersen paper (Document No. 423) on future frequency allocation policy would have to be taken into account by all the groups and committees dealing with the problem of the I.F.R.B. (Federal Republic of Germany, Morocco).

Priority should be given to the lucrative fixed services, and to national broadcasting services, necessary for educational purposes (Pakistan).

A special section of the I.F.R.B. should deal with Technical Assistance problems (Israel).

The frequency spectrum represented one of mankind's richest heritages and must be used in an orderly fashion, with an eye to the speedy technical progress being made (the United States and France).

The I.F.R.B. would have to be mindful of economic and cultural problems, and not only of geographical peculiarities (Colombia).

The frequency list, if it was to be any use at all, would have to be more realistic. The dead wood should be ruthlessly hacked down, (the United States and Mexico).

#### A Sword-blade

A delegate who has travelled much and does not believe that wisdom comes from the West alone has drawn our attention to the extreme importance of the proposal submitted by the Delegation of Iran, which is of the opinion that the real solution would be to ask the countries which have had frequencies recorded in vast numbers to release a few of them, since the more advanced countries know how to use the frequencies they have to better advantage. These views have already been aired by the Delegate of the United Arab Republic, who has pointed out that some countries have dipped in extravagant fashion into the frequency reservoir. A great poet, Rumi, has said that "time is a sword-blade, which will decide the issue".

#### Money-saving

The I.F.R.B. is exceedingly costly (the Union of Soviet Socialist Republics). It accounts for no less than one-third of the Union's budget (Czechoslovakia).

There were economies which paid and apparent economies should be viewed with distrust (China, Ethiopia, Colombia, Portugal, the Netherlands). The Head of the Dutch Delegation said that if the I.F.R.B. were abolished his Government would have to spend 250,000 Swiss francs to do the work required. The representative of the Federal Republic of Germany remarked that the total expenses for all the work of the I.F.R.B. had been less than the total expenses of a single high-frequency broadcasting conference.

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The Conference took note of Documents Nos. 369 and 397 (the first and second reports by the Special Group dealing with frequencies for space research). The representatives of Greece and Yugoslavia had already submitted some remarks and had made reservations, as some of the frequencies mentioned in those documents were being used for fixed services and radio-relay links.

WHO'S WHO IN THE CONFERENCE

MR. MODEYIL MANI PHILIP

Mr. Modevil Mani Philip, who is Secretary of the Ministry of Communications and Civil Aviation in India, has just arrived in Geneva where he will participate in the debates and discussions of the Plenipotentiary Conference as leader of the Indian Delegation.

Mr. Modevil Mani Philip was born in the State of Travancore, South India, in 1904. He was educated at the Maharajah's College, Trivandrum, at Christian College, Madras and at Selwyn College, Cambridge (1927-28).

He entered the Indian Civil Service in 1928 and served in the Bihar and Orissa Province in various capacities, such as Commissioner and Member of the Board of Revenue.

In 1954 he joined the Central Government of India as Director-General, Post and Telegraphs.

He attended Administrative Council meetings of the International Postal Union in Switzerland in 1955 and 1956 and led the Indian Delegation to the International Postal Congress held in Ottawa in 1957.

Since 1958, Mr. Modevil Mani Philip has been the Secretary of the Indian Ministry of Communications and Civil Aviation.

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SERIES OF LECTURES ON THE OCCASION OF THE PLENIPOTENTIARY CONFERENCE

The series of lectures to be given on the occasion of the Plenipotentiary Conference will be held in the evening over a two-week period in order that all delegates can attend without interfering with the Conference work. The revised programme for this occasion is as follows:

<u>Date</u>	<u>Time</u>	<u>Subject</u>	<u>Lecturer</u>
Thursday 12.11.59	21.00	The rôle of telecommunications in scientific and technological research	Dr. Ponte, Member of the French Scientific and Technological Research Institute
Wednesday 18.11.59	21.00	Colour television	Dr. George H. Brown, Vice-President, Radio Corporation of America
Thursday 19.11.59	21.00	Radio propagation	Dr. R.L. Smith-Rose Director, Radio Research, Department of Scientific & Industrial Research, United Kingdom
Saturday 21.11.59	19.30 Banquet	Impact of telecommunications in the development of nations	Dr. Sir. K.S. Krishnan Director of the National Physical Laboratory of India

The banquet will be held on Saturday evening, 21 November. The banquet address will be given by Dr. Krishnan on the subject of "The impact of telecommunications in the development of nations". The banquet will be on a pay-as-you-go basis.

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LISTE DES PARTICIPANTS  
LIST OF PARTICIPANTS  
LISTA DE PARTICIPANTES

CONFERENCE ADMINISTRATIVE DES RADIOCOMMUNICATIONS  
ADMINISTRATIVE RADIO CONFERENCE  
CONFERENCIA ADMINISTRATIVA DE RADIOCOMUNICACIONES

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51. JORDANIE (Royaume Hachémite de)  
JORDAN (Hashemite Kingdom of)  
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Chef de la délégation / Head of the Delegation / Jefe de la delegación

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Autres informations / Other information / Otros asuntos

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Chef adjoint de la délégation  
Deputy Head of the Delegation  
Jefe adjunto de la delegación

M. El Garhi Ibrahim El KASHLAN  
(Après le départ de M. Ibrahim FOUAD)

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Arrivées récentes et nouvelles désignations / Nominations and new arrivals  
Designaciones y llegadas recientes

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# THE MORNING ELECTRON

Vol. One - No. 56

G E N E V A

Saturday, 31 October 1959  
Monday, 2 November 1959

Published throughout the

I.T.U. Conferences

## AGENDAS

Saturday, 31 October 1959

### RADIO CONFERENCE

9 a.m.	Sub-Working Group 4D5	Room G - Bâtiment Electoral
9 a.m.	Working Group 7A4	Room F - Bâtiment Electoral
9 a.m.	Special Working Group (Plenary)	Room E - Bâtiment Electoral
	Working Group 4A	Cancelled
	Working Group 4E	Cancelled
	Working Group 4 Ad Hoc	Cancelled

Monday, 2 November 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Committee D	Room E - Bâtiment Electoral
9.30 a.m.	Committee G	Room PW - Maison des Congrès
3 p.m.	Committee D	Room A - Bâtiment Electoral

### RADIO CONFERENCE

9 a.m.	Sub-Working Group 4D2	Room G - Bâtiment Electoral
9 a.m.	Sub-Working Group 4D8	Room L - Bâtiment Electoral
9 a.m.	Sub-Working Group 4E3	Room B - Palais des Expositions
9 a.m.	Working Group 5 Ad Hoc	Room F - Bâtiment Electoral
9 a.m.	Sub-Committee 7A	Room D - Palais des Expositions
9 a.m.	Working Group 7B7	Room K - Bâtiment Electoral
9 a.m.	Special Working Group (Plenary)	Room E - Bâtiment Electoral

(See Overleaf)

3 p.m.	Sub-Working Group 4D10	Room G - Bâtiment Electoral
3 p.m.	Working Group 4E Ad Hoc	Room H - Bâtiment Electoral
3 p.m.	Working Group 5A	Room F - Bâtiment Electoral
3 p.m.	Sub-Working Group 5B3	Cancelled
	Working Group 6B	Cancelled
3 p.m.	Sub-Working Group 6B2	Office 115 - Bâtiment Electoral
3 p.m.	Working Group 7A7	Room D - Palais des Expositions
3 p.m.	Working Group 7B6	Room K - Bâtiment Electoral
3 p.m.	Sub-Committee 7F	Room C - Palais des Expositions

ON MONDAY'S AGENDA

IN THE PLENIPOTENTIARY CONFERENCE

Committee G (Chairman: Mr. Wolverson) : adoption of the United Nations Common System Salaries and Allowances (Document No. 77).

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IN THE RADIO CONFERENCE

Sub-Committee 7A (Chairman : Mr. Bouchier ) : adoption of the Summary Records of the Fifteenth, Sixteenth, Seventeenth, Eighteenth and Nineteenth Meetings (Documents Nos. 399, 401, 444, 451 and 465); adoption of the Annexes to Documents Nos. 399, 401, 444, and 465; considerations of Document No. 456 and Working Document No. 617 (Article 19 - Philippines); adoption of Working Documents Nos. 595 (report by Working Group 7A5), 401 (Rev.1) (Report by Working Group 7A1), and 642 (report by Working Group 7A1); note of Working Document No. 582 (report by Working Group 7A3); further study of proposals concerning Article 20, Appendix 6 and Appendix 7.

Sub-Committee 7F (Chairman : Mr. de Mesquita) : terms of reference; proposals in connection therewith and order in which items should be taken.

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Participants in the two Conferences who are absent from Geneva for some time are requested to tell the Document Distribution Service (Office 17), before their departure, how long they are likely to be away. This would render document distribution easier and prevent the muddle arising from the accumulation of documents in pigeon-holes.

IN THE PLENIPOTENTIARY CONFERENCE

TECHNICAL ASSISTANCE (I)

In the course of its meeting last Thursday, Committee E, with Mr. Francis C. de Wolf as chairman, had the opportunity to receive information, dates and figures which gave a good idea of the great importance of technical assistance in general and of how it was applied in the field of telecommunications which was under full development.

With regard to the principles that should control the organization and functions of technical assistance, Sir Thomas Rapp, Head of the Delegation of the United Kingdom of Great Britain and Northern Ireland and the Delegate of the Netherlands recalled that technical assistance as it was now provided represented a general problem based on voluntary contributions by States to the Expanded Programme of Technical Assistance and the United Nations Technical Assistance Special Fund. Countries which wished to be helped were free to decide the order of priority for their various requests. They alone could judge and courage was the deciding judge, said the representative of Ireland.

The Delegates of Morocco, the Federal Republic of Germany and Viet-Nam explained how in their opinion scholarships, experts, instruction courses and the installation and maintenance of materials should be provided for the under-developed countries. The Delegate of Morocco stressed the need for those concerned with technical assistance to call on the country aided to help itself and to establish close co-operation between experts and the administrations which were in need of help and close co-operation. The Delegate of Israel stated that technical assistance should not be founded on charity but on co-operation. The Delegate of Ireland remarked that technical assistance in the field of telecommunications was not a private affair but part of the integral economy of every country.

Whilst the representative of Kuwait insisted that the Plenipotentiary Conference should take decisions without delay and that it should be decided to set up a special branch of technical assistance in the I.T.U. designed to become as important by about 1965, as the large committees that were already in existence, the Delegate of Israel thought that it was in fact necessary to have a special technical assistance branch in the I.T.U. and the Delegate of the Netherlands thought that the Committees and the I.F.R.B. should be given the means of providing effective help through their recommendations to countries which were in need of such aid. The Delegates of Poland and Roumania stressed the role which the Consultative Committees of the Union should play in technical assistance.

The Delegate of Bulgaria supported the proposals by Poland (Documents Nos. 313 and 314) and stressed the importance of the scholarship scheme. The Delegate of Mexico went so far as to propose the establishment of a special Telecommunication Bank, as the Secretariat alone could not solve all the problems of technical assistance which were not only economic problems. This proposal was supported by the Delegate of Ethiopia.

The Delegates of Ethiopia, British East Africa and Ireland showed how in a few years it was possible to achieve really surprising results with aid provided by country whose telecommunication system was highly developed, whether that aid came from a neighbouring country or from the Technical Assistance Scheme of the United Nations and the Specialized Agencies.

The Delegate of British East Africa spoke of the possibility of setting up the panels of experts who could give objective and effective recommendations after studying the problems of a technical financial, and economic nature that had to be solved.

The Delegate of New Zealand considered that the I.T.U. technical assistance scheme should be carefully defined in the Convention. He stressed the importance of technical training, as did also the Delegate of Ethiopia, who described how a training centre worked.

The Delegate of the United States announced that his delegation would submit a proposal for combining co-ordination, technical assistance, external relations and public information in a single section of the I.T.U. Secretariat.

The Acting Secretary-General, Mr. Gerald C. Cross, then explained the machinery of the technical assistance activities in the United Nations and the part played by Specialized Agencies such as the I.T.U. He reviewed the history of the Technical Assistance Board (TAB), and the relationship between the Technical Assistance Administration (TAA), now known as the TAO, the Technical Assistance Committee (TAC), the Technical Assistance Board (TAB) and the annual Pledging Conference.

He pointed out that the time had come for the I.T.U. to manage its own technical assistance programme, as did all of the other Specialized Agencies, members of the Board, with the single exception of the WMO, particularly as the TAO had now felt that the time had come to stop its trusteeship relationship for the I.T.U.

The additional number of staff required would only be two officials, and one clerk-stenographer.

Mr. Norman Luker, Head of External Affairs for the European Office of the United Nations, confirmed Mr. Gross's remarks and explanations, and stated in a jocular vein that there was a parallel between that and a modern novel having a divorce theme, where the interested parties having had a reasonably happy and successful relationship for some years now felt that the time had come for a parting of the ways, but nonetheless remain on the best of terms and very good friends.

#### THE ADMINISTRATIVE COUNCIL (II)

Under the chairmanship of Mr. Nicotera, Committee D continued the discussion on the Administrative Council. There were many delegations which the day before had stated that in principle they were in favour of a high representation of the African countries. On Friday the main discussion centred on the proposal submitted by Australia, Malaya, China, Korea, Pakistan, the Philippines, Thailand and Viet Nam (Document No. 103) which was an amendment to proposal No. 303 in Document No. 103) which was an amendment to Proposal No. 303 in Document No. 53, since it increased the number of extra seats to six, which were to be distributed in the following way: 4 for the African Region, 1 for the Australian and Asian Region and 1 for the American Region.

The Delegates of Australia, Viet Nam, Korea, Malaya, Pakistan, Afghanistan, the United States, the Hashemite Kingdom of Jordan, Mexico, Ceylon, New Zealand, Suadi Arabia, Colombia, Brazil, Ethiopia, Indonesia, the Belgian Congo, Turkey and Veneuela spoke in favour of this proposal. The arguments in favour of adopting the proposal were in general based on the desire for fairness which the Delegate of France had mentioned at a previous meeting, on the need to enable the under-developed countries to play a direct role in the senior executive body of the organization at a time when new tasks were going to be undertaken by all. The Delegate of Ceylon remarked that if exact arithmetic were followed with regard to the representation of the various countries and regions, the authors of the new proposal ought to have requested 7 and not 6 extra seats.

The representatives of Hungary, Bielorussia, Poland, the U.S.S.R. the Ukraine, Bulgaria and Yugoslavia opposed the proposal. The arguments used against the proposal were in general based on the desire for economy and a reluctance to turn the Council into a kind of permanent plenipotentiary conference.

After the Delegate of Israel had suggested the establishment of an Administrative Council with 20 members (5 for Region A, 4 for Region B, 3 for Region C, 3 for Region D and 5 for Region E) which would ensure precise proportional representation, this suggestion was followed up by the representatives of Czechoslovakia and Roumania. The representatives of Argentina, Yugoslavia, Paraguay and Roumania were in favour of forming a working group including representatives of various regions to study the problem.

The Delegate of Greece explained again the reasons for his proposal (a Council of 15 members) which had been submitted in the cause of efficiency and economy.

The Delegates of the Belgian Congo, Ethiopia and Ceylon were of the opinion that it was necessary to take an immediate decision on the number of seats in the Administrative Council. The representative of Sweden, whose delegation had proposed to establish representation by rotation, stated that it was still too early to take an immediate decision. The Chairman, Mr. Nicotera, then asked the Committee to vote and it was decided by 33 votes to 31 with 5 abstentions to postpone the problem of the number of seats in the Council until Monday.

In the course of the meeting, the first Deputy Chairman of the Plenipotentiary Conference, Dr. Libero Oswaldo de Miranda, announced the death of the King of Laos, and the Committee paid its respects by a minute silence in memory of the late Head of State.

AT THE RADIOCOMMUNICATIONS CONFERENCE

COMMITTEE 4 HAS NOW GROWN UP

As stated by the Chairman, Mr. Pedersen, Committee 4 was, as one might say, celebrating its coming of age at this its twenty-first meeting.

The major item of the agenda was the Third Report of the Ad Hoc Group on the Allocation of Frequencies for Space Research and in presenting this report, Mr. Acton expressed his sincere appreciation of the invaluable cooperation of every member of the Ad Hoc Group.

Annex 1 of the report was referred to working group 4E after some discussion in which appeared that a number of delegations might have difficulty with the proposals in the band 1 700-2 300 Mc/s. The draft resolution proposed by the Ad Hoc Group for an Extraordinary Administrative Radio Conference in 1963 to consider the question of frequencies for space research was discussed but a decision was deferred until a later date.

Mr. Sowton of the U.K. possibly summarized the views of all the chairmen of working groups with his opening remarks: "It seems like only yesterday" since his last report and, in fact, there was little change in the situation since the last meeting. Mr. Myers, Chairman of Working Group 4G, reported that he had not yet lost a footnote, but this sounded to us similar to the physician who claimed he had not yet lost a patient for the reason that he had not yet commenced practice.

The discussion on a draft resolution concerning the use of the bands 7 000-7 100 kc/s and 7 100-7 300 kc/s by the amateur service and the broadcasting service had to be curtailed through shortage of time, but one noted with interest the statement by the delegate of Uruguay concerning the great debt which his country owed to their amateurs for their work during the recent serious floods in that country.

COMMITTEE G

The agenda for the meeting of Committee G on Monday will be that published for the meeting of that committee scheduled for Tuesday, 27 October, but which was subsequently cancelled (see Document No. DT 18).



# THE MORNING ELECTRON

Vol. One - No. 57

GENEVA

Tuesday, 3 November 1959

Published throughout the

I.I.U. Conferences

## AGENDAS

Tuesday, 3 November 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Committee D	Room A - Bâtiment Electoral
9.30 a.m.	Committee H	Room PII - Maison des Congrès
3 p.m.	Committee F	Room A - Bâtiment Electoral
3 p.m.	Committee C2/3B	Room E - Bâtiment Electoral
3 p.m.	Committee H	Room PII - Maison des Congrès

### RADIO CONFERENCE

9 a.m.	Sub-Working Group 4 Ad Hoc	Room E - Bâtiment Electoral
9 a.m.	Sub-Working Group 4D8	Room G - Bâtiment Electoral
9 a.m.	Working Group 5A	Room F - Bâtiment Electoral
9 a.m.	Working Group 6A	Room C - Palais des Expositions
9 a.m.	Working Group 7A4	Room B - Palais des Expositions
9 a.m.	Sub-Committee 7B	Room D - Palais des Expositions
3 p.m.	Working Group 4C	Room F - Bâtiment Electoral
3 p.m.	Sub-Working Group 4D2	Room G - Bâtiment Electoral
3 p.m.	Sub-Working Group 5B4	Room C - Palais des Expositions
3 p.m.	Working Group 6 Ad Hoc	Cancelled
3 p.m.	Sub-Committee 7C	Room D - Palais des Expositions
3 p.m.	Sub-Committee 7E	Room K - Bâtiment Electoral
3 p.m.	Working Group 3B	Room E - Bâtiment Electoral
5 p.m.	Sub-Working Group 4D5	Room G - Bâtiment Electoral
	Working Group 5A	Cancelled

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TO-DAY

AT THE PLENIPOTENTIARY CONFERENCE

Committee F, (Chairman, Mr. Carli): agenda of the fourth meeting (Document No. DT 20); continuation of the consideration of proposals relating to the Convention.

Committee H, (Chairman, Mr. Garrido): contributions in arrear (Document No. DT 30); ceiling of ordinary expenditure for 1959 (Document No. DT 30); consideration of questions relating to the Publications of the Union - Report by the Council to the Plenipotentiary Conference, paragraphs 13.6 and 13.6.2 and Document No. 54 - Proposal No. 302 by Mexico regarding a Technical Telecommunication Dictionary; Consolidated Budget and Working Capital Fund; Consolidation of Administrative and Budgetary Activities between the United Nations and the International Telecommunication Union (Document No. 8); the scale of contributions to the expenses of the Union and the procedure to be followed for choosing a contribution-class (Proposal Nos. 113, 259, 116, 230, 231 and 292 - Document No. 30).

AT THE RADIO CONFERENCE

Sub-Working Group 5B4, (Chairman, Mr. Gejer): consideration of the summary record of the eleventh meeting of Sub-Working Group 5B4 (Document No. DT 501); consideration of the Report of the Special Group (Document No. DT 659).

Working Group 6A (Chairman, Mr. Allen): summary record of the thirteenth meeting (Document No. 487); Report of Sub-Working Group 6A4 (Document No. DT 569); terms remaining to be defined (Documents Nos. DT 536, DT. 111, 326, 326 ADD 1); setting-up of a Sub-Working Group to coordinate the definitions; Proposal No. 2697 (India) (Book of Proposals, page 671, Rev. 2).

THE ADMINISTRATIVE COUNCIL (3)

Committee D, with Mr. Nicotera in the chair, continued its discussion on the Administrative Council of the organization.

Mr. Albert Drevet (France), who had claimed at the previous meeting that decisions must be taken on a basis of equity, observed that, if such equity were to be ensured, it was necessary to accord six representatives to the Western European Region. The African countries' proposal, amended by the Asian and Australasian countries, was once again amended, and it was decided, by 58 votes to 9, with 7 abstentions, that the Council should consist of 25 members.

Mr. M. Berman (Israel), going back on his original suggestion, had proposed a Council of 21 members, and Mr. Paul Postelnicu (Roumania) had countered with a proposal for a 23-member Council.

The Delegates of the United Kingdom, Poland and the U.S.S.R. explained their votes, stating that in their opinion the increase in the number of seats on the Council did not correspond to the increase in the number of members of the Union.

As dusk was falling the Committee opted to hold a secret ballot on the proposal by Sweden that representation on the Council should be by rotation ("the number of re-elected members shall at no time exceed 17"), and rejected it by 33 votes to 30, with 6 abstentions. There was one spoiled paper.

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WORKING GROUP 5A

Working Group 5A yesterday postponed consideration of items 7 and 8b of its Agenda contained on page 4 of Document No. DT 572 until the necessary data covering those subjects was available from the I.F.R.B.

Before taking up item 8a of the Agenda (consideration of drafts from Sub-Group 5A1) Mr. Henry (Chairman of 5A1) gave a brief outline of the work of his group and explained certain aspects of the drafts of Article 10, 11 and 12 and Appendix 1 which had been prepared (Documents Nos. DT 632, DT 649, DT 633 and DT 634 respectively. Mr. Henry took the opportunity to thank all those who had participated in the work of the group and also the interpreters, typists and reproduction staff who had worked long and hard in the preparation of the material.

Mr. Henry pointed out that 5A1 was unable to include any recommendations in the draft of Article 11 concerning the use of column 2 (dates) of the Frequency Register in respect of the unplanned or unlisted bands. At the suggestion of the Chairman of Working Group 5A, therefore, the main proponents of suggestions for dealing with this matter briefly outlined their proposals and the reasoning behind them. The subject was then thrown open for general discussion which will be continued this morning.

The Chairman announced that the meeting of Working Group 5A listed for this afternoon would take place instead on Wednesday evening between 8.30 and 10.30 p.m.

COMMITTEE 6 (TECHNICAL COMMITTEE)

PRESENT STATUS

Committee 6 is nearing completion of its primary tasks having dealt with the preliminary examination of all the main items within the terms of reference indicated in Document No. 81.

A full list of provisional terms and definitions will be included in Document No. 326 by the issue of addenda and it is expected that this will be completed in a week or two. A small 6A Drafting Group will be established to keep in touch with other committees on the actual definitions to be included in the Regulations and to consider the final text of the definitions to be so included. Working Group 6A will, therefore, go only into partial recess.

Working Group 6B has just completed all its initial assignments including in particular the important Appendix 3 on transmitter frequency tolerances and Appendix 4 on maximum permissible levels of spurious emissions. It is therefore now going into recess. A new and supplementary format for the table of frequency tolerances is still, however, being considered at Sub-Group level and will be taken up at the Working Group at a later date.

Working Group 6C has completed its preliminary work on Articles 13, 14 and 18 and Appendix B. Committee 6 must necessarily await the decisions of other Committees in regard to certain matters. Working Group 6C has therefore gone into recess for a few weeks pending the result of the work of the other Committees, particularly as regards the functions and status of the I.F.R.B.

COMITTEE 1

Committee 1 will meet this week on Wednesday instead of Thursday. Plans for next week's meetings (9 to 15 November) should thus be communicated to the Order of the Day Officer in the course of today, Tuesday, 3 November, so that the draft weekly programme may be ready for the meeting of Committee 1.

WORKING GROUP 6B

As Working Group 6B has temporarily gone into recess, the meetings scheduled for this week (2 - 7 November) are cancelled

I.T.U. CONFERENCE BANQUET

(Saturday, 21 November)

The interest in the series of lectures being given on the occasion of the Plenipotentiary Conference is growing. Be sure and reserve these dates on your calendar. The biographical notes of the distinguished scientists participating will be published in the "Morning Electron".

Plans for the Conference banquet honouring these participants are now under way. The banquet address will be given by Dr. Sir K.S. Krishnan, the Director of the National Physical Laboratory of India, speaking on "The Impact of Telecommunications in the Development of Nations". This affair will feature a special five-course dinner prepared by the famous Maître d'Hôtel of the Hôtel des Bergues. The cost, maintained to the minimum, including wines and coffee, will be 23 Swiss francs. Half an hour before the dinner (19.00 hours) delegates will be encouraged to gather for cocktails. After the banquet address there will be an orchestra and dancing until 2 a.m.

To complete the arrangements, it is necessary to secure an estimate of the number of delegates, their ladies and their guests who will attend. For this reason, you are asked to please complete the attached form. It can be completed either by delegations as a whole, with an indication of the expected attendance, or by individuals as desired.

Please tear here and give the complete form to the Distribution Desk by Wednesday night, 11 November 1959.

.....  
I.T.U. Banquet, Hôtel des Bergues, Saturday, 21 November, 1959

The delegation of ..... expects to have .....  
..... delegates and guests attending the International  
Telecommunication Union Banquet.

or

I ..... with ..... guests will be attending  
the International Telecommunication Union Banquet.

Signature : .....

Box No. ....

LISTE DES PARTICIPANTS

LIST OF PARTICIPANTS

LISTA DE PARTICIPANTES

CONFERENCE ADMINISTRATIVE DES RADIOCOMMUNICATIONS

ADMINISTRATIVE RADIO CONFERENCE

CONFERENCIA ADMINISTRATIVA DE RADIOCOMUNICACIONES

Arrivées récentes et nouvelles désignations / Nominations and new arrivals /  
Designaciones y llegadas recientes

30. ESPAGNE  
SPAIN  
ESPAÑA

Délégué/ Delegate/ Delegado

Sr. D. Rafael PRAT FOSSI  
Capitan de Fragata  
Jefe de la Sección de Comunicaciones  
del Estado Mayor de la Armada

Hôtel Continental  
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T. 32 91 35

68. PARAGUAY

Chef de la délégation/ Head of the Delegation/  
Presidente de la delegación

Sr. D. Salvador GUANES  
Administrador general  
Administración nacional de Telecomunicaciones  
(y Sra. y una sobrina)

Hôtel Stop  
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T. 24 19 04

Autres informations/ Other information/ Otros asuntos

68. PARAGUAY

Chef de la délégation/ Head of the Delegation/  
Presidente de la delegación

Sr. D. Salvador GUANES

Chef adjoint de la délégation/ Deputy Head of the Delegation/  
Presidente adjunto de la delegación

Ingeniero Walter GARCIA TIOS

Délégué/ Delegate/ Delegado

Ingeniero Benito GUANES SERRANO

CONFERENCE DE PLENIPOTENTIAIRES

PLENIPOTENTIARY CONFERENCE

CONFERENCIA DE PLENIPOTENCIARIOS

Arrivées récentes et nouvelles désignations/ Nominations and new arrivals/  
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68. PARAGUAY

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Administrador general  
Administración nacional de  
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(y Sra. y una sobrina)

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85. SUISSE (Confédération)  
SWISS CONFEDERATION  
SUIZA (Confederación)

Expert/ Experto

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des Téléphones et des Télégraphes,  
Direction générale des P.T.T.  
Berne

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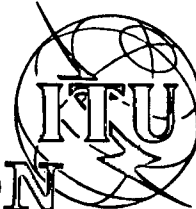
Autres informations/ Other information/ Otros asuntos

8. BIELORUSSIE (République Socialiste Soviétique de)  
The BIELORUSSIAN Soviet Socialist Republic  
BIELORRUSIA (Republica Socialista Soviética de)

Chef de la délégation/ Head of the Delegation/  
Jefe de la delegación

M. P.V. AFANASIEV

lire. Ministre des Postes et des Télécommunications  
read  
lease



# THE MORNING ELECTRON

Vol., Orig. No. 58.

GENEVA

Wednesday, 4 November, 1959

Published throughout the

I.T.U. Conferences

## AGENDAS

Wednesday, 4 November 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Committee F	Room A - Bâtiment Electoral
3 p.m.	Committee G	Room A - Bâtiment Electoral
3 p.m.	Committee F2	Room E - Bâtiment Electoral
6.30 p.m.	Committee A	Room E - Bâtiment Electoral

### RADIO CONFERENCE

9 a.m.	Working Group 4B	Room D - Palais des Expositions
9 a.m.	Special Working Group 4D	Room E - Bâtiment Electoral
9 a.m.	Region 1 Meeting 4D4	Room G - Bâtiment Electoral
9 a.m.	Working Group 5A	Room F - Bâtiment Electoral
9 a.m.	Committee 6	Room C - Palais des Expositions
9 a.m.	Sub-Committee 7A	Room D - Palais des Expositions
9 a.m.	Working Group 7B6	Room L - Bâtiment Electoral
9 a.m.	Sub-Committee 7E	Cancelled
9 a.m.	Sub-Working Group 4E3	Room P - Maison des Congrès
3 p.m.	Working Group 4D	Cancelled
3 p.m.	Working Group 4E	Cancelled
3 p.m.	Working Group 4G	Room D - Palais des Expositions
3 p.m.	Working Group 5B	Cancelled
3 p.m.	Working Group 5D4	Room F - Bâtiment Electoral
3 p.m.	Ad Hoc Working Group 6	Room L - Bâtiment Electoral
3 p.m.	Working Group 7A2	Room G - Bâtiment Electoral
3 p.m.	Working Group 7A7	Room K - Bâtiment Electoral
3 p.m.	Working Group 7F	Room B - Palais des Expositions
6.30 p.m.	Sub-Committee 1A	Room E - Bâtiment Electoral
6.30 p.m.	Working Group 5A	Room A - Bâtiment Electoral

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TO-DAY

PLENIPOTENTIARY CONFERENCE

Sub-Committee F2 (Chairman, Mr. Koram): summary record of the first meeting (Document No. 113); continuation of examination of proposals relating to the General Regulations annexed to the Convention.

Committee G (Chairman: Mr. Wolverson): resumption of discussion on the assimilation of Union staff to the United Nations Common System of salaries and allowances (Document No. 77).

RADIO CONFERENCE

Working Group 4G (Chairman: Mr. Myers): examination of proposals relating to radioastronomy (Documents Nos. 183 and 452); re examination of the report to Committee 4 on the possibility of doing away with certain footnotes (Document No. 449).

Committee 6 (Chairman: Mr. Mirza): summary record of the fifth meeting (Document No. 428); summary record of the seventh meeting (Document No. 483); definitions (Document No. 487); proposal on the meeting of the Language Group (oral statement by the Chairman).

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COMMITTEE D

"THE DEVIL'S PASS"

Committee D met again yesterday, under the Chairmanship of Mr. Nicotera, to consider the very important problems of the structure and organization of the I.T.U. The Committee had various proposals before it and particularly those of Afghanistan, Sweden and Japan, the wording of which itself showed that they contemplated radical changes, if not in the structure, then at least in the organization and functioning of the various services of the I.T.U.

Even for an assiduous observer of parliamentary debates it is no easy task to provide an exact record of the meeting. It may be said in summing up that the proposal of Afghanistan, which was apparently the basis for most of the discussions and digressions in yesterday's debate, has not yet got through "The Devil's Pass", whose great importance we have not forgotten from a recent film.

It appears from the discussion that no one intends that the procedure for the selection and election of the Directors of the C.C.I.s should be modified and that they will continue to be elected by the plenary assemblies of the C.C.I.s and not by the Administrative Council.

In that connection, Mr. Gunnar Pedersen (Denmark) and Mr. Alfred Langenberger (Switzerland) most eloquently and lucidly explained that there was no cause to regret what had happened previously and that there were definite advantages in having the Directors elected by their fellows. On that point, Mr. Albert Drevet (France) pointed out, however, that action and decisions were taken in the C.C.I.s by the national administrations and that the Directors were not lone rangers. The Chairman took up this remark to reply that the Directors of the C.C.I.s are not mere robots, but have to initiate action in the preparation of programmes and the arrangement of meetings. There was universal agreement that the C.C.I.s should be independent and autonomous and play their full rôle of supplying technical opinions and advice. Nevertheless, as observed by the representative of the Federal Republic of Germany, the Directors of the C.C.I.s have a dual technical and administrative responsibility, under the present set-up.

The representative of Kuwait proposed that a special group be set up to prepare a document containing the various proposals regarding the organization of the Union, and he was seconded by Sweden, Afghanistan, the Hashemite Kingdom of Jordan, Japan and Poland. There followed a long discussion, in the course of which:

- the representative of Kuwait said the problem could not be treated piecemeal;
- the representatives of Australia and the United Kingdom explained that the proposals under discussion did not amount to any radical change in the Convention and that the Secretariat and the Coordination Committee were no doubt perfectly capable of finding the most economic solutions by themselves with particular reference to the Council's Resolutions 320 and 321;
- the representatives of Pakistan and the Philippines felt that it should first be established to whom the Directors of the C.C.I.s would be responsible and whether the services should be amalgamated or not.

The Committee decided, by 38 votes to 18 with 5 abstentions, to vote on the fundamental question of whether there was any call for basic modification to the structure of the Union, and Mr. Drevet (France) said there seemed to be some confusion between the structure and the organization of the Union ..... On a show of hands, the Committee finally voted in favour of a specific proposal by the representative of the French O.P.T.A. that the meeting should be suspended to allow delegates to refresh themselves at what was by then late in the afternoon.

During the meeting, Mr. Mirza (Pakistan) remarked that a pyramid was a tomb, Mr. van der Toorn (Netherlands) said that when you move a stone the whole building is affected and Mr. Tsune-Chi Yu (China) quoted Edgar Allan Poe as saying "as for the form of governments let fools contest; whatever is the best governed is the best governed."

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AMATEUR DINNER

The dinner of the American Radio Relay League was held Saturday night, 31 October, at the Hôtel du Rhône and was attended by 52 amateurs from 14 countries. The dinner was also attended by the President of the League, who had just arrived from the United States with his charming wife (also an amateur), the Chairman of the Radio Conference, Mr. Acton and the Vice-Chairman, Mr. Autelli, as well as the Acting Secretary-General, Mr. Gross. Perhaps the most popular feature of the dinner was the announcement that there would be no speeches (loud applause!).

WORKING GROUP 5A

Discussions were continued at yesterday's meeting of Working Group 5A concerning the use of Column 2 (dates) of the Frequency Register in respect of the un-planned or un-listed bands, the matter finally being passed to the drafting group (5A1) to amend draft Article 11 (Document No. DT 649) in accordance with a compromise arrangement which had been proposed.

Examination of other provisions of draft Article 11 was commenced and will continue at today's meetings.

SUB-WORKING GROUP 5B4

At yesterday's meeting of Sub-Working Group 5B4, the Chairman, Mr. Strohfeldt, introduced in detail the report of the Ad Hoc Group (Document No. DT 659), which includes a proposed procedure for frequency management in the high frequency broadcasting bands. Since time did not permit more than the presentation of this document, the discussion thereon will take place at today's meeting.

LISTE DES PARTICIPANTS

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ADMINISTRATIVE RADIO CONFERENCE

CONFERENCIA ADMINISTRATIVA DE RADIOCOMUNICACIONES

Arrivées récentes et nouvelles désignations/ Nominations and new arrivals./  
Designaciones y llegadas recientes

49. ITALIE  
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Changements d'adresse / Changes of Address / Cambios de dirección

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CONFERENCIA DE PLENIPOTENCIARIOS

Arrivées récentes et nouvelles désignations / Nominations and new arrivals /  
Designaciones y llegadas recientes

28. ENSEMBLE DES ETATS et TERRITOIRES représentés  
par l'Office français des Postes et Télécom-  
munications d'AUTRE-MER

GROUP OF THE DIFFERENT STATES and TERRITORIES  
represented by the French OVERSEAS Postal and  
Telecommunication Agency

CONJUNTO DE ESTADOS y TERRITORIOS representados  
por la Oficina francesa de Correos y Tele-  
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76. REPUBLIQUE ARABE UNIE  
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Autres informations / Other information / Otros asuntos

62. NEPAL  
NEPAL

Chef de la délégation / Head of the Delegation / Jefe de la delegación

Mr. Jharenda Narayan SINGHA  
First Secretary  
Royal Nepalese Embassy  
London



# THE MORNING ELECTRON

Vol. One - No. 59

G E N E V A

Thursday, 5 November, 1959

Published throughout the  
I.T.U. Conferences

## AGENDA

Thursday, 5 November, 1959

### RADIO CONFERENCE

9 a.m.	Ad Hoc Working Group 4	Room E - Bâtiment Electoral
9 a.m.	Working Group 4C	Room F - Bâtiment Electoral
9 a.m.	Special Working Group 4D	Room A - Bâtiment Electoral
9 a.m.	Sub-Working Group 4D2	Room G - Bâtiment Electoral
9 a.m.	Sub-Working Group 5A2	Office 115 - Bâtiment Electoral
	Working Group 6B	Cancelled
9 a.m.	Working Group 7B6	Room L - Bâtiment Electoral
11 a.m.	Sub-Working Group 4D10	Room G - Bâtiment Electoral
3 p.m.	Sub-Working Group 4B2	Room A - Bâtiment Electoral
3 p.m.	Sub-Committee 7F	Room F - Bâtiment Electoral
	Working Group 4D	Cancelled
	Sub-Working Group 5B3	Cancelled
	Working Group 6A	Cancelled

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TO-DAY

RADIO CONFERENCE

Sub-Working Group 4B2 (Chairman, Mr. Williams): Examination of Proposals Nos. 726, 890, 891, 894 and 3283 (concerning the proposed new footnote 3 bis) for the band 70-130 kc/s; examination of the Draft Frequency Allocation Table for the bands 70-150 kc/s (Yellow Document No. DT 687).

Sub-Working Group 4D10 (Chairman, Mr. Terzani): examination of the report by the Sub-Working Group to Working Group 4D (Yellow Document No. DT 687).

COMMITTEE G

At its fifth meeting, Committee G, with Mr. W.A. Wolverson in the chair, continued its examination of the document submitted by the General Secretariat on the cost of adoption of the United Nations Common System of salaries and allowances. It completed its study of salaries and allowances and of a table showing how posts in the existing classes "C" to "K" of the I.T.U. could be distributed in the United Nations grading system. A Working Group is to consider the question of the higher posts. Attendance at the meeting was sparse, which inspired Mr. Motin (U.S.S.R.) to compare the complexity of the Committee's task with a storm through which it was difficult to steer a course, so that a good many members had preferred to save themselves from the wreck by staying away from the meeting.

LIST OF PARTICIPANTS

A revised list of persons attending the Plenipotentiary Conference is to appear very shortly. It will replace the provisional list.

The following changes should therefore be made:

1. the pages in Section A of the list should be replaced by pages Sec. A/1 Rev. 1 to Sec. A/62 Rev. 1 of the new text.
  2. the pages in Section B should be replaced by pages Sec. B/1 Rev. 1 to Sec. B/5 Rev. 1 of the new text.
  3. the pages in Section C should be replaced by pages Sec. C/1 Rev. 1 to Sec. C/3 Rev. 1 of the new text.
-

TERMS OF REFERENCE OF SUB-COMMITTEES  
AND WORKING GROUPS

ADDENDUM 2

COMMITTEE 4

Sub-Working Group 4D10 :

Chairman : C. Terzani  
Terms of Reference : Table of Frequency Allocations  
585 - 960 Mc/s.

COMMITTEE 6

Sub-Working Group 6B4 :

Chairman : M. K. Basu  
Terms of Reference : Appendix A of the RR: pre-  
paration of new appendix for  
further studies by Administra-  
tions of radio propagation  
and radio noise.

COMMITTEE 7

Working Group 7A4 :

Chairman : M. Sannier  
Terms of Reference : Article 19, Call Signs

Working Group 7A5 :

Chairman : Carlos de Mesquita  
Terms of Reference : Article 35

Working Group 7A6 :

Chairman : R. Monnat  
Terms of Reference : Stations out of territory

Working Group 7A7 :

Chairman : E. Ron

Terms of Reference : Article 20

Working Group 7A Ad Hoc :

Chairman : P. Bouchier

Terms of Reference : New Method of formation call sign

Working Group 7B6 - Corrigendum :

Chairman : T.A. Chandler

Terms of Reference : VHF maritime radiotelephony

Working Group 7B7 :

Chairman : William Swanson

Terms of Reference : Radio telephony procedure

Working Group 7F :

Chairman : Carlos de Mesquita

Terms of Reference : Consideration of Articles 15, 42  
and 44, Appendices 2, 8, 15 and B.

WORKING GROUP 5A

At yesterday's meetings (9 a.m. and 8.30 p.m.) Working Group 5A continued examination of the new draft Article 11 (Document No. DT 649) and also gave attention to Document No. DT 634, which relates to the form of notice to be used by Administrations when advising the I.F.R.B. of changes in frequency usage.

The Chairman (Mr. Searle) has requested delegates who desire to amend the drafts being considered to come prepared to put before the meetings the revised wording which they prefer.



# THE MORNING ELECTRON

Vol. One - No. 60

G E N E V A

Friday, 6 November 1959

Published throughout  
the I.T.U. Conferences

## A G E N D A

Friday, 6 November, 1959

### RADIO CONFERENCE

9 a.m.	Sub-Working Group 7A4	Room E - Bâtiment Electoral
	Sub-Committee 7B	Cancelled
3 p.m.	Sub-Committee 7A	Room A - Bâtiment Electoral
3 p.m.	Sub-Working Group 5B2	Room F - Bâtiment Electoral

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T O - D A Y

AT THE RADIO CONFERENCE

Sub-Working Group 7A4 (Chairman, Mr. Sannier) : formation of call signs in the international series (No. 419 § 4); consideration of Proposals Nos. 5513 § 10 (Document No. 219) of the Belgian Congo and 4029 (page 337, Rev. 1) of the United States; consideration of proposals relating to Nos. 414 to 418 of the RR; consideration of Proposals Nos. 5491 (Document No. 239) of the Federal Republic of Germany, 5509 and 5510 (Document No. 285) of the Bielorussian S.S.R., and 5513 § 30 and 40 (Document No. 299) of the Belgian Congo; publication of all the names of countries appearing in the Table of Allocation of Call Signs. Note by the Secretary General No. 1408 (pages 336 and 337 Rev. 1); consideration of requests for a new series of signs - proposals listed in the Annex to this document.

Sub-Working Group 5B2 (Chairman, Mr. Arthur L. Lebel) : Document No. DT 695 - Proposal; Document No. DT 631 - Report of Sub-Working Group 5B2 to Working Group 5B.

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CONSULTATION OF DOCUMENTS

The documents of the International Telecommunication Union which it has hitherto been possible to consult in Office No. 109 have been transferred to :

Office No. 113

where they are at the disposal of all concerned.

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CONFERENCE ADMINISTRATIVE DES RADIOCOMMUNICATIONS

ADMINISTRATIVE RADIO CONFERENCE

CONFERENCIA ADMINISTRATIVA DE RADIOCOMUNICACIONES

Arrivées récentes et nouvelles désignations / Nominations and new arrivals /  
Designaciones y llegadas recientes

31. ETATS-UNIS d'AMERIQUE  
UNITED STATES OF AMERICA  
ESTADOS UNIDOS DE AMERICA

Expert / Consultant / Experto

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72. POLOGNE (République populaire de)  
POLAND (People's Republic of)  
POLONIA (República popular de)

Délégué / Delegate / Delegado

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Changements d'adresse / Changes of address / Cambios de dirección

50. JAPON  
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JAPÓN

Délégués suppléants / Alternate Delegates / Delegados suplentes

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Mr. Tsutomu MURATA

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Conseiller / Adviser / Asesor

Mr. Shigetake MORIMOTO

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57. LUXEMBOURG  
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Mr. Iwao ITO

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PLENIPOTENTIARY CONFERENCE

CONFERENCIA DE PLENIPOTENCIARIOS

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# THE MORNING ELECTRON

Vol. One - No. 61

GENEVA

Monday, 9 November, 1959

Published throughout the  
I.T.U. Conferences

## AGENDAS

Monday, 9 November, 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Committee C/Committee 3	Room E - Bâtiment Electoral
3 p.m.	Committee F	Room A - Bâtiment Electoral
3 p.m.	Committee H	Room PW - Maison des Congrès

### RADIO CONFERENCE

	Sub-Working Group 4 Ad Hoc	Cancelled
9 a.m.	Sub-Working Group 4B2	Room PW - Maison des Congrès
9 a.m.	Region 1 Meeting 4D5	Room G - Bâtiment Electoral
9 a.m.	Working Group 4E Ad Hoc	Room H - Bâtiment Electoral
9 a.m.	Working Group 4G	Room B - Palais des Expositions
9 a.m.	Working Group 5A	Room A - Bâtiment Electoral
9 a.m.	Sub-Working Group 5B4	Room F - Bâtiment Electoral
9 a.m.	Working Group 6 Ad Hoc	Room L - Bâtiment Electoral
9.30 a.m.	Committee C/Committee 3	Room E - Bâtiment Electoral
	Sub-Committee 7F	Cancelled
3 p.m.	Committee 4	Room B - Palais des Expositions
3 p.m.	Working Group 5 Ad Hoc	Room F - Bâtiment Electoral
3 p.m.	Sub-Working Group 5B4	Room E - Bâtiment Electoral
3 p.m.	Committee 7	Room D - Palais des Expositions
3 p.m.	Committee 8	Room J - Bâtiment Electoral
8.30 p.m.	Sub-Working Group 5B4	Room F - Bâtiment Electoral

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T O - D A Y

AT THE PLENIPOTENTIARY CONFERENCE

Committee C/Committee 3 (Chairman, Mr. Darnell): approval of the summary record of the 2nd meeting (Document No. 113 (PC) and Document No. 514 (RC); Report of Working Group C2/3B on the Conferences' expenditure (Document No. 134 (PC) and Document No. 515 (RC); contribution from a country represented by an observer; free distribution of files and other supplies to delegates.

Committee H (Chairman, Mr. Garrido): summary record of the 3rd meeting of Committee H (Document No. 132); Consolidated Budget and Working Capital Fund - Report by the Council to the Plenipotentiary Conference, Chapter 13, Section 13.1, Document No. 7 and Document No. 8, paragraph 41; scale of contributions to the Union (Article 13, paragraph 4, of the Convention) and Procedure to be followed in choosing Classes of Contribution (Additional Protocol 1 of Buenos Aires) - Proposals Nos. 113, 259, 230, 231 of the Book of Proposals, Document No. 8, paragraphs 38 to 41, and Document No. 30; draft resolution on the audit of Union accounts (a working document will be distributed in due course).

N.B. These items being exceedingly important, it is to be hoped that attendance will be good. In no circumstances can discussion of these items be postponed to later meetings.

AT THE RADIO CONFERENCE

Committee C/Committee 3 (Chairman, Mr. Darnell): see above.

Committee 4 (Chairman, Mr. Pedersen): consideration of the summary records of the 19th, 20th and 21st meetings (Documents Nos. 458, 507 and 518); oral reports by the Chairmen of Working Groups; consideration of Corrigendum No. 2 to Document No. 361 - First Report of Working Group 4A to Committee 4 (Number 94a of the Regulations); draft resolution with regard to the use of the 7,100 - 7,300 kc/s bands by amateurs and by the broadcasting service (Document No. 477 and Proposals Nos. 5559 and 5560 by the United States (Document No. 501)); consideration of the Report by the Special Group - number 126 of the Regulations (Document No. 492 and Proposal No. 5557 by Turkey (Document No. 498)); consideration of the 3rd and 4th Reports of Working Group 4B to Committee 4 (Documents Nos. 457 and 521 respectively) concerning the frequency bands between 325 and 4,000 kc/s; consideration of the Report by the Special Group on the future method of assigning frequencies (if published).

Committee 7 (Chairman, Mr. Ehnle); approval of the summary record of the 10th meeting (Document No. 490); approval of the second Report by Sub-Committee 7A, together with the texts annexed (Document No. 494).

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ADMINISTRATIVE RADIO CONFERENCE

Seventh Plenary Meeting

The Seventh Plenary Meeting of the Administrative Radio Conference is scheduled for Tuesday, 10 November, at 3 p.m. in Room A, Bâtiment Electoral.

The main items on the agenda will be :

- 1) the Third Report of the Ad Hoc Group - Frequency Allocations for Space Research (Document No. 478);
- 2) Report of the Plenary Ad Hoc Group (the I.F.R.B.) (Document No. 526);
- 3) Proposals :
  - No. 4602 - High-frequency transmission;
  - No. 4603 - Frequency-modulation transmissions; and
  - No. 4604 - Manufacture of reasonably-priced radio receiving sets (pages 825.2 and 825.3 of the Volume of proposals)

A NEW WORKING GROUP

A new Working Group, 7A8, under Mr. William F. Bradley (United States), will deal with Appendix 7 to the Radio Regulations.

LISTE DES PARTICIPANTS

LIST OF PARTICIPANTS

LISTA DE PARTICIPANTES

CONFERENCE DE PLENIPOTENTIAIRES

PLENIPOTENTIARY CONFERENCE

CONFERENCIA DE PLENIPOTENCIARIOS

Arrivées récentes et nouvelles désignations/ Nominations and new arrivals/  
Designaciones y llegadas recientes

59. MAROC (Royaume du)  
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Ajouter  
Add  
Añádase

Dr. Ali Samir SAFWAT  
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WORLD METEOROLOGICAL ORGANIZATION (W.M.O.)  
ORGANIZACIÓN METEOROLÓGICA MUNDIAL (O.M.M.)

Observateur/ Observer/ Observador

Dr. H. SEBASTIAN  
Chief of the Technical Assistance Unit  
of the Secretariat of O.M.M.



# THE MORNING ELECTRON

Vol. One - No. 62

G E N E V A

Tuesday, 10 November, 1959

Published throughout the Meetings of  
the I.T.U. Conferences

## A G E N D A S

Tuesday, 10 November, 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Committee D	Room A - Bâtiment Electoral
3 p.m.	Committee E	Room PW - Maison des Congrès
3 p.m.	Sub-Committee F2	Room E - Bâtiment Electoral
3 p.m.	Ad Hoc Working Group G	Room F - Bâtiment Electoral
3 p.m.	Sub-Committee H1	Room L - Bâtiment Electoral

### RADIO CONFERENCE

9 a.m.	Working Group 4C	Cancelled
9 a.m.	Working Group 4D4 Region 1	Room G - Bâtiment Electoral
9 a.m.	Working Group 4D7 Region 3	Room H - Bâtiment Electoral
9 a.m.	Working Group 4E	Room C - <b>Palais des Expositions</b>
9 a.m.	Working Group 5A	Room F - Bâtiment Electoral
9 a.m.	Ad Hoc Sub-Working Group 5	Room B - Palais des Expositions
9 a.m.	Sub-Committee 7E	Cancelled
9 a.m.	Committee 8	Room K - Bâtiment Electoral
11 a.m.	Ad Hoc Sub-Working Group 7A	Room D - Palais des Expositions
3 p.m.	Plenary Meeting	Room A - Bâtiment Electoral
3 p.m.	Working Group 7A4	Room D - Palais des Expositions
5 p.m.	Sub-Working Group 5B4	Room A - Bâtiment Electoral
8.30 p.m.	Sub-Working Group 5B4	Room A - Bâtiment Electoral

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TODAY

AT THE PLENIPOTENTIARY CONFERENCE

In Committee D (Chairman Mr. Nicotera): approval of the summary records of the 5th and 6th meetings (Documents Nos. 114 and 129); proposals relating to the structure of the Union (Proposals Nos. 71, 76, 83 and 89 of the Book and Documents Nos. 107, 110, 122, 125, 126, 127 and 128).

AT THE RADIO CONFERENCE

At the Plenary Meeting: approval of the minutes of the 6th Plenary Meeting (Document No. 486 and Corrigendum No. 1); 3rd report of the Special Group - Frequency allocations for space research (Document No. 478); new name of the Member previously known as "Colonies, Protectorates, Overseas Territories and Territories under mandate or trusteeship of the United Kingdom of Great Britain and Northern Ireland" (Document No. 480); report of the Special Group established at the Plenary Meeting (Document No. 526); Proposals Nos. 4602 - high-frequency transmissions; 4603 - FM transmissions; and 4604 - manufacture of reasonably-priced radio receiving sets (Pages 825.2 and 825.3 of the Book of Proposals).

In the Special Group of Committee 5 (Chairman Mr. Mirza): further discussion of Document No. DT 645 and examination of Addenda Nos. 1 and 2.

CHANGES IN THE LIST OF PARTICIPANTS

Two loose leaves showing changes in the list of participants (Secretariat of the Conferences) are about to be distributed.

Participants are requested to insert them in the list under No. 6; they replace the following pages:

Sec. 6/1 Rev. 1

Sec. 6/2 Rev. 1

Sec. 6/2/1 Rev. 1

Sec. 6/2/2 Rev. 1

#### IN COMMITTEE H

The Finance Committee, with Mr. José Garrido as Chairman, held long discussions on the consolidated budget and the establishment of a working capital fund.

After having heard the arguments for and against the introduction of a consolidated budget, the Committee adopted it in principle.

The result of the vote was as follows :

18 - for, 8 - against, 3 - abstentions.

The Committee reserved the right to discuss the details concerned with the introduction of this budget if its decision was ratified by the Plenary Assembly.

With regard to the establishment of a working capital fund, the Committee was in favour of maintaining the existing system of financing by advances from the Swiss Confederation.

The result of the vote was as follows :

21 - for, 2 - against, 4 - abstentions.

A report on this very important meeting of the Finance Committee will be shortly submitted to the Plenary Assembly of the Plenipotentiary Conference which will thus have to state its position with regard to the two questions discussed by the Committee.

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#### MEETINGS OF SUB-COMMITTEE F2

Sub-Committee F2 of the Plenipotentiary Conference will meet twice this week and not once as was published in the weekly programme on account of a copying error.

These meetings of Sub-Committee F2 will take place on Tuesday 10 November at 3 p.m. in Room E and on Friday 13 November at 3 p.m. in Room E (Batiment Electoral).

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#### MEETING OF AD HOC GROUP 7A

Today's meeting of Ad Hoc Group 7A in Room D will take place at 11 a.m. and not at 9 a.m.

---

COMMITTEE 4

RAPPORTEUR TAKES THE RAP

Committee 4 met for the twenty-second time in the cold and uncongenial wastelands of the Palais des Expositions. Most of the delegates wisely wore their overcoats and such other winter garments as were available to them.

The earlier proceedings were enlivened by a complaint by the Chairman of one of the Working Groups, that his words of wisdom at the previous meeting had only been given scant consideration by the Rapporteur. On reference to our files, it appears that he was probably better reported in this paper, issue 56, than in the Summary Record.

In general, most of the sub-groups expected to complete their work this week, with the exception of Working Group 4D, whose Chairman, Mr. Sowton, was unable to improve on the forecast of 23 November, which as he pointed out, he had made nearly seven weeks ago, the Chairman of Working Group 4G, Mr. Myers, was rather distressed at the "reverse progress" which appeared to have set in in his working group but felt that it was still possible that they might complete their task by the end of this week. A number of views were expressed on the need to complete the work of the Working Groups as quickly as possible and the Chairman, having heard these views, together with various suggestions, will be taking the question up in the Steering Committee.

The Committee was able to complete consideration of the one outstanding paragraph from the first report of Working Group 4A and it will now be possible to pass the revised text of Articles 3 and 4 and part of 5 to the Drafting Committee.

The question of the shared use of the frequency bands 7 000 - 7 100 and 7 100 - 7 300 kc/s by the amateur and broadcasting services was again considered and a draft new text for the Resolution to give effect to the decision of the Committee was agreed on; however, the United States proposal for a new provision to make effective the changes in allocation was strongly debated, the delegate of Italy receiving strong support for his view that it was unreasonable for administrations to accept a proposal which would virtually mean that the new Table could not come into force until the last broadcasting station had ceased operating in the band 7 000 - 7 100 kc/s. On a roll call vote the proposal was not accepted.

COMMITTEE F

Having examined a proposal by Czechoslovakia that territories which possess their own telecommunications administration but are not members of the Union should be informed of conferences of the Union so that they might send observers, Committee F decided, after a vote, to adopt a counter proposal of the United States of America to delete the present provisions of the Regulations whereby the inviting government, in agreement with or on a proposal by the Administrative Council, may invite non-participating governments to send observers to take part in the conference in an advisory capacity.

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WORKING GROUP 5A

Working Group 5A yesterday completed examination of Document No. DT 634 relating to the frequency notification form. As a result of certain suggestions the drafting group is to have a further look at certain paragraphs relating to the general instructions for completing the notice.

Discussions then reverted to the contents of Document No. DT 649 (Draft of Article 11), being taken up at page 3. These will be resumed tomorrow.

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MEETING OF COMMITTEE G

Will participants please note that the next meeting of Committee G will be held on Wednesday, 11 November at 3 p.m. and not on Tuesday, 10 November as originally stated. The agenda for the meeting on Wednesday will be the same as that published for Tuesday (Document No. DT 40-FES).

---

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LIST OF PARTICIPANTS

LISTA DE PARTICIPANTES

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ADMINISTRATIVE RADIO CONFERENCE

CONFERENCIA ADMINISTRATIVA DE RADIOCOMUNICACIONES

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Nominations and new arrivals

Designaciones y llegadas recientes

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M. Anis Tewfik EL BARDAI

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read ) Directeur général de l'Administration  
léase ) des radiocommunications

CONFERENCE DE PLENIPOTENTIAIRES  
PLENIPOTENTIARY CONFERENCE  
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Nouvelles désignations et arrivées récentes  
Nominations and new arrivals  
Designaciones y llegadas recientes

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Otros asuntos

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LAOS (Kingdom of)  
LAOS (Reino de)

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

S.A.R. Tiao CHANTHARANGSI

remplacé après son départ par:  
replaced after his departure by:  
sustituido al marcharse por:

M. SENGIER

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lire )  
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VENEZUELA (República de)

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Jefe adjunto de la delegación

Sr. D. José Vicente HERNANDEZ  
(y Sra)



# THE MORNING ELECTRON

Vol. One - No. 63

G E N E V A

Wednesday, 11 November, 1959

Published throughout the Meetings of  
the I.T.U. Conferences

## A G E N D A S

Wednesday, 11 November, 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Ad Hoc Working Group D	Room G - Bâtiment Electoral
9.30 a.m.	Committee H	Room A - Bâtiment Electoral
3 p.m.	Committee D	Room A - Bâtiment Electoral
3 p.m.	Committee G	Room PW - Maison des Congrès
3 p.m.	Working Group of Committee B	Office 3 - Bâtiment Electoral
8.30 p.m.	Ad Hoc Working Group G	Room G - Bâtiment Electoral

### RADIO CONFERENCE

9 a.m.	Special Working Group 4D	Room E - Bâtiment Electoral
9 a.m.	Region 1 Meeting 4D8	Room H - Bâtiment Electoral
9 a.m.	Sub-Working Group 4E3	Room B - Palais des Expositions
	Working Group 5A	Cancelled
9 a.m.	Sub-Working Group 5A1	Room L - Bâtiment Electoral
9 a.m.	Working Group 6A	Room C - Palais des Expositions
9 a.m.	Sub-Committee 7A	Room D - Palais des Expositions
9 a.m.	Committee 8	Room K - Bâtiment Electoral
2 p.m.	Sub-Working Group 4D2	Room L - Bâtiment Electoral
2.15 p.m.	Ad Hoc Working Group 4	Office 115 - Bâtiment Electoral
3 p.m.	Committee 4	Room B - Palais des Expositions
3 p.m.	Working Group 5B	Room F - Bâtiment Electoral
3 p.m.	Committee 6	Room C - Palais des Expositions
3 p.m.	Sub-Committee 7B	Room D - Palais des Expositions
3 p.m.	Committee 8	Room K - Bâtiment Electoral
8.30 p.m.	Region 1 Meeting 4G2	Room H - Bâtiment Electoral

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T O - D A Y

AT THE PLENIPOTENTIARY CONFERENCE

In Committee E (Chairman, Mr. Colt de Wolf): approval of the summary record of the 3rd meeting of the Committee (Document No. 104); technical assistance (continuation of the discussion) - participation in the Expanded Programme (Chapter 9 of the Report of the Administrative Council and Documents Nos. 62, 63, 64, 66, 73 and 74); administration of the I.T.U. programme (Document No. 12); debiting of administrative and executive expenses (Section 14.4 of the Report of the Administrative Council); conditions of participation in the activities of the United Nations Special Fund (Section 14.5 of the Report of the Administrative Council and Document No. 13); I.T.U. technical assistance (Section 9.5 of the Report of the Administrative Council, Documents Nos. 11, 73, 74 and Proposals Nos. 59, 239 and 276).

In Committee G (Chairman, Mr. Wolverson): summary records of the 2nd and 3rd meetings (Documents Nos. 71 and 108); the Provident Fund (Document No. 120); the I.T.U. Staff Pension Fund (Document No. 101).

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AT THE RADIO CONFERENCE

In Sub-Working Group 4G2 (Region 1) (Chairman, Mr. Myers): reduction of the number of notes in the Allocation Table between 10 500 and 40 000 Mc/s with regard to Region 1 (Documents Nos. 449, and DT 714).

In Working Group 5B (Chairman, Mr. Autelli): verbal report of the Chairmen of the Sub-Working Groups; examination of the reports of Sub-Working Groups 5B1 (Document No. DT 719) and 5B2.

In Working Group 6A (Chairman, Mr. Allen): summary record of the 14th meeting (Document No. 502); terms still to be defined (Document No. DT 536, Addendum No. 1); terms which have already been studied and are to be decided on later; Article 1, Section VI, terms relating to utilization (Proposals Nos. 31 and 279, pages 41 and 94 of the Book of Proposals).

In Committee 7 (Chairman, Mr. Ehnle): approval of the summary record of the 11th meeting (Document No. 530); approval of the texts contained in Documents Nos. 476, 489 and 534.

In Sub-Committee 7A (Chairman, Mr. Bouchier): approval of the summary records of the 20th and 21st meetings (Documents Nos. 496 and 499); approval of the Annexes to Documents Nos. 496 and 499; study of Proposal No. 5126 concerning Appendix 13 - Federal Republic of Germany (Document No. 72); study of the report of Working Group 7A2 (Document No. DT 534) and Proposal No. 5562 - Venezuela (Document No. 527); study of the first and second reports of Working Group 7A4 (Document Nos. DT 699 and 709); study of Article 294 of the Final Acts of the E.A.R.C. (a reminder); study of Resolution No. 8 of the Final Acts of the E.A.R.C.; study of Recommendation No. 7 of the Final Acts of the Baltic and North Seas Radiotelephony Conference.

In Sub-Committee 7B (Chairman Mr. Billington): approval of the summary records of the 17th, 18th and 19th meetings (Documents Nos. 504, 505 and 511); approval of the texts of the Annex to Document No. 511; approval of the Recommendation annexed to Document No. 505; reports of Working Groups 7B5, 7B6 and 7B7; report of the Special Working Group concerning the introduction of a phonetic figure table (Document No. DT 675).

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IN COMMITTEE D

"THE DEVIL'S PASS" (CONTINUED)

The Devil's Pass has not yet been passed. However, Committee D accepted a proposal by Mr. Fathy Gheith, Delegate of Kuwait, and a Working Group, or rather a search party, made up only of representatives of delegations which have submitted proposals on the structure and organization of the Union, is now going to launch an attack on the Devil's Pass and we hope that it will pass it as soon as possible for snow is already growing thick on the heights and it will soon be more and more difficult to pass from the valley of time present to the valley of time future.

The Working Group or siege party will have to:

- a) make a document containing all the proposals concerning the organization of the Union, both direct ~~or~~ indirect;
- b) submit the pros and cons;
- c) get the opinion of the Directors of the Consultative Committees and the Acting Secretary-General;
- d) show how the Convention would be affected.

The Working Group will thus have to sieve the proposals and try to reach what Mr. Dreyet (France) has called a "necessary synthesis".

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AT THE PLENARY ASSEMBLY OF THE RADIO CONFERENCE

AT THE CROSSROADS - THE I.F.R.B. - RADIO UNTRAMMELLED

With Mr. Charles J. Acton in the chair, the Radio Conference, during a long plenary meeting, took important decisions.

On the basis of the third and last report of the Special Group for allocating frequencies to space research, the Conference, considering that a crossroads had been reached (as Captain Charles Booth, Head of the Delegation of the United Kingdom and Mr. T. A. M. Craven, Head of the Delegation of the United States had very clearly explained), decided:

- to convene, in principle towards the end of 1963, an Extraordinary Administrative Radio Conference lasting approximately one month, with a basic agenda as in Annex 2 to Document No. 487;
- that the Administrative Council, during its ordinary sessions in 1962 and 1963 would examine the position in accordance with information received from the Members and Associate Members of the Union, the C.C.I.R. and other organizations concerned;
- that Members and Associate Members of the Union launching artificial satellites during the space research period preceding the Extraordinary Administrative Radio Conference scheduled for the end of 1963, should inform the Administrative Council and the competent technical organs of the I.T.U. of the frequencies used and the technical progress achieved in the use of telecommunications for space research.

The C.C.I.R. is requested to study:

- a) the identification of radio transmissions from artificial satellites and other space vehicles;
- b) arrangements for suitable interruption of radio transmissions from artificial satellites and other space vehicles.

Administrations of countries launching satellites or other space vehicles are requested to study these problems and submit their findings to the C.C.I.R.

The Conference decided that it would forward to the Plenipotentiary Conference the text prepared by the Special Group in response to the questions set by the Plenipotentiary Conference as regards the I.F.R.B., i.e. the text appearing in Document No. 526, which, however, has been slightly amended. The amended text will contain the minority opinion as an annex.

The amended text was adopted by 47 votes to 9, with 9 abstentions, by roll-call, and the representatives of Czechoslovakia, the Hungarian People's Republic, the Bielorussian S.S.R., Poland, the Ukrainian S.S.R., the Roumanian People's Republic and the People's Republic of Albania explained that they agreed with the U.S.S.R. and the People's Republic of Bulgaria on the matter. The Delegate of Italy thought that there should be 7 members of the I.F.R.B., while the Delegates of Greece, Sweden and Switzerland thought that there should be 9, chosen for their personal qualifications; the Delegates of Norway and Portugal said that their Governments also favoured a decrease in the number of members of the I.F.R.B. Captain Booth, Head of the United Kingdom Delegation, recalled the British proposals on the matter to the effect that the members of the I.F.R.B. should not necessarily be nationals of different countries.

Mr. Sundaram, Chairman of the I.F.R.B., said that the I.F.R.B. did not agree with certain statements in the text showing minority views.

The Conference then went on to study the proposals from UNESCO, submitted by the Delegation of Morocco, namely, Proposals Nos. 4602, 4603 and 4604. The representative of Morocco and the UNESCO observer, Mr. Julian Behrstock, explained that the real object of the proposals was to create a really frontierless broadcasting and to let all the countries in the world take advantage of recent technical developments. To do that it would be necessary to reduce the requirements of those who had been technically equipped from the beginning, to decrease the level of technical performance or to widen the exclusive broadcasting bands. A difficult task ! To obtain the free flow of information through words and pictures so as to obtain better understanding and cooperation between peoples, something would have to be done to get out of the present position where, in many countries, there were only a few receivers for thousands of people.

The Conference decided to accept in principle Recommendation No. 4603 to the effect that Members and Associate Members of the I.T.U. should try to use FM in their own countries. The Drafting Committee would provide a suitable text.

As regards Proposal No. 4602 on high frequency transmissions, it will be necessary to wait for the findings of Committee 5. As regards Recommendation 3 concerning reasonably priced radio receivers, the principle is accepted but the C.C.I.R. will prepare a text to be submitted to the Conference to the effect that the C.C.I.R. will study the possibility of designing an efficient, standardized low-priced receiver specially adapted for the requirements of listeners in under-developed countries.

Captain Booth (United Kingdom) pointed out that the problems were not new and that the Conference had been dealing with them for twelve weeks. The C.C.I.R. contribution could, in any case, only be technical.

Speaking on behalf of the I.R.T.O., Mr. Joachim (Czechoslovakia) recalled that his organization had already studied the problem of cheap receivers at its Sofia Conference in 1957 and at a Conference in Korea in 1959. The I.R.T.O. would be only too happy to supply full information to the C.C.I.R.

The Delegate of Pakistan, supported by the Delegate of Iran, spoke about the requirements of the new and developing countries and said that jamming was dangerous. The Delegate of the Federal Peoples Republic of Yugoslavia stressed the importance of planning frequency assignments for the fixed and broadcasting services.

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To help the Drafting Committee, the Conference also decided that, in French texts, the word "hertz" would be used whenever the expression "cycles per second" was used in the English or the Spanish text.

Poor old Article 47 had not been treated like the others, but had been sent direct to the Drafting Committee.

In yesterday's discussions, the Delegate of Cuba said that he thought that I.T.U. Conferences should take place more often, like those of other international organizations, but nobody listened to him and nobody pointed out that, in other international organizations, Conferences hardly ever lasted five or six months.

IN COMMITTEE E

THE I.T.U. AND THE ADMINISTRATION OF ITS TECHNICAL ASSISTANCE PROGRAMME

Committee E, which met yesterday afternoon in the Maison des Congrès at the Palais Wilson, was reminded in the first place by the Chairman, Mr. Colt de Wolf that the building had been constructed in 1931 as a provisional house for the Disarmament Conference. He pointed out that there was a photograph which showed the great men of the period together with a young man.

The question to be discussed was how the I.T.U. would undertake the administrative work now done by the United Nations. Finance was at the root of everything and the delegates would not accept the proposal submitted by the Acting Secretary-General in Document No. 12 until they were certain that the affair would not mean more expenditure for the I.T.U. budget. By 22 votes to 11, with 3 abstentions, the Committee accepted the proposal and in future the I.T.U. alone will have to take on all the purely administrative work of its technical assistance programme.

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WORKING GROUP 5A

Working Group 5A yesterday completed examination of the draft of the new Article 11 (Document No. DT 649) which now returns to the drafting group for consideration of amendments suggested during the discussions.

The meetings of Working Group 5A scheduled for this morning and also for Thursday morning have been cancelled to enable the drafting group to proceed with its work.

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MEETING OF COMMITTEE G

The agenda for to-day's meeting of Committee G will be the same as that originally published for Tuesday, 10 November (Document No. DT 40).

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LISTE DES PARTICIPANTS

LIST OF PARTICIPANTS

LISTA DE PARTICIPANTES

CONFERENCE DE PLENIPOTENTIAIRES

PLENIPOTENTIARY CONFERENCE

CONFERENCIA DE PLENIPOTENCIARIOS

Nouvelles désignations et arrivées récentes

Nominations and new arrivals

Designaciones y llegadas recientes

14. CANADA  
CANADA

Délégué / Delegate / Delegado

delete : Mr. J.E.G. HARDY  
Financial Adviser  
Department of External Affairs

and insert instead :

Mr. J.M. HARRINGTON  
Financial Adviser  
Department of External Affairs

28. ENSEMBLE DES ETATS et TERRITOIRES représentés  
par l'Office français des Postes et Télécommuni-  
cations d'OUTRE-MER

GROUP OF THE DIFFERENT STATES and TERRITORIES  
represented by the French OVERSEAS Postal and  
Telecommunication Agency

CONJUNTO DE ESTADOS y TERRITORIOS representados  
por la Oficina francesa de Correos y Telecomu-  
nicaciones de ULTRAMAR

Chef de la délégation / Head of the Delegation /  
Jefe de la delegación

(En l'absence de M. Honoré FARAT)

M. Jean MEYER  
Directeur général de l'Office central  
des Postes et Télécommunications  
d'Outre-Mer  
(et Mme)

Hôtel Mirabeau  
4, rue de Candolle  
Genève  
T. 25 33 20



# THE MORNING ELECTRON

Vol. One - No. 64

G E N E V A

Thursday, 12 November 1959

Published throughout the Meetings of  
the I.T.U. Conferences

## A G E N D A S

Thursday, 12 November, 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Committee D	Room A - Bâtiment Electoral
3 p.m.	Ad Hoc Working Group D	Room G - Bâtiment Electoral
	Committee F	Cancelled
3 p.m.	Committee G	Room PW - Maison des Congrès

### RADIO CONFERENCE

9 a.m.	Working Group 4A	Room B - Palais des Expositions
9 a.m.	Special Working Group 4D	Cancelled
9 a.m.	Sub-Working Group 4D5	Room L - Bâtiment Electoral
9 a.m.	Working Group 4E	Room C - Palais des Expositions
	Working Group 5A	Cancelled
9 a.m.	Sub-Working Group 5A1	Room H - Bâtiment Electoral
9 a.m.	Committee 7	Room D - Palais des Expositions
9 a.m.	Committee 8	Room K - Bâtiment Electoral
9 a.m.	Working Group 5B	Cancelled
3 p.m.	Working Group 4D	Room E - Bâtiment Electoral
3 p.m.	Working Group 4G	Room C - Palais des Expositions
3 p.m.	Working Group 5B	Room F - Bâtiment Electoral
	Sub-Working Group 5B6	Cancelled
3 p.m.	Ad Hoc Working Group 6	Room L - Bâtiment Electoral
3 p.m.	Sub-Committee 7B	Room D - Palais des Expositions
3 p.m.	Committee 8	Room K - Bâtiment Electoral

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TODAY

AT THE RADIO CONFERENCE

In Working Group 4D (Chairman Mr. Sowton): Consideration of the Report of Sub-Working Group 4D10 (Document No. DT 737); consideration of the first draft report of Working Group 4D to Committee 4 (Document No. 718); consideration of the reports of the various Sub-Groups.

In Committee 7 (Chairman: Mr. Ehnle): Approval of the Summary Record of the 11th Meeting (Document No. 530); Approval of the texts contained in Documents Nos. 476, 489, 534 and 522.

In Working Group 7A7 (Chairman: Mr. E. Ron): Conclusion of debate on the inclusion in the List of Coast Stations of information relating to certain special services (see Proposal No. 4556); approval of texts contained in the Annex to the Agenda; Appendix 6; Study of proposals Nos. 4560, 2742, 2746, 2748/9, Document No. 304; transfer of Parts A, B and C of the present List of Coast and Ship Stations to the new List of Coast Stations and List of Ship Stations.

MEETING OF COMMITTEE F

The meeting of Committee F, which should have taken place today at 3 p.m., is cancelled. The meeting of Sub-Committee F2 (Friday afternoon) is also cancelled.

Committee F will meet in Room E on Friday, 13 November at 3 p.m.

THE PLENIPOTENTIARY CONFERENCE WILL ELECT THE SECRETARY-GENERAL,  
THE ASSISTANT SECRETARY-GENERAL OR ASSISTANT SECRETARIES-GENERAL

Mr. Klovov (U.S.S.R.) started off on the wrong foot at the beginning of yesterday's meeting of Committee D. He had already given a brilliant account of the arguments in favour of a radical reform of the I.F.R.B. when the Committee realized, after two statements by Mr. Colt de Wolf (U.S.A.), that they were off the right track in discussing the I.F.R.B. question before the Plenipotentiary Conference had taken cognizance of the document containing the replies to the two questions put to the Radio Conference concerning the organization and functions of the I.F.R.B.

However, Mr. Klovov was not discouraged and explained with force and logic the reasons why the Delegations of the Ukrainian S.S.R. and the U.S.S.R. believed that the Plenipotentiary Conference itself should elect directly the Secretary-General and the Assistant Secretary-General or Assistant Secretaries-General.

The arguments put forward by the head of the Soviet Delegation were supported by the Delegations of Hungary, Mexico, Australia, Viet-Nam, Malaya, Morocco, Israel, Burma, the United Arab Republic, Italy, the Bielorussian S.S.R., Bulgaria, Yugoslavia, Ceylon, Ghana, Afghanistan and Poland, who explained why they found the principle of the Ukrainian S.S.R. and U.S.S.R. proposal justified.

The defenders of the proposal stated that its adoption would result in greater prestige, authority and importance for the highest Union officials responsible to the Council if they were elected by the highest authority, the supreme authority of the Union, the Plenipotentiary Conference, by means of a more democratic election by major States free to exercise their right of choice and vote directly, with no intermediary. There would appear to be no legal obstacles to such a modification of the Convention. At Atlantic City a difficulty of this nature had been solved by means of a protocol to enable Messrs. von Ernst, Leon Mulatier and Gerald C. Gross to be selected or maintained in their posts.

The Delegates of Morocco, Italy and Poland also pointed out that if the Plenipotentiary Conference was entrusted with elections, there would be a uniformity of procedure in the elections for all the different organs of the Union.

The Delegate of Czechoslovakia said that it seemed strange to him that the Secretary-General, and his Assistant or Assistants, should be elected by only one-tenth of the Members of the Union.

Speaking against the proposal of the U.S.S.R. and the Ukraine, Mr. Colt de Wolf (U.S.A.) pointed out that at Atlantic City there was no Secretary-General and yet they had to take decisions on the stipulations of the Madrid Convention, that the next Administrative Council would be bigger and more representative, that the Plenipotentiary Conference met only at irregular and distant intervals. Mr. Daniels (United Kingdom) insisted on the fact that the Secretary-General was responsible to the Administrative Council, the members of which had an extensive knowledge of the work of the Secretariat.

The Delegate of Poland proposed that the discussion be closed and a vote taken, and the Committee thereupon voted by secret ballot on the question of whether they were in favour of the principle of the election of the Secretary-General or the Assistant Secretary-General or Assistant Secretaries-General by the Plenipotentiary Conference. The result of the vote was as follows :

for - 53; against - 13; abstention - 1.

It should be pointed out that before the vote was taken some delegates stated that they were considering an amendment to the original proposal by the Ukraine and the U.S.S.R. The Delegate of Mexico, Mr. Nuñez Arellano, supported by the Delegates of Israel, Viet-Nam, Ceylon, Australia and Belgium, was of the opinion that the Administrative Council would have to take any decisions required, if the posts of Secretary-General, or Assistant Secretary- or Secretaries-General were vacant, until the next meeting of the Plenary Assembly. The Delegate of Malaya considered that if the Administrative Council had to take a decision in the case of a vacancy, it should ask all the States to inform it of the qualifications of possible candidates. The Delegate of Ethiopia was of the opinion that the Secretary-General should either be changed or re-elected at each meeting of the Plenipotentiary Conference. The Delegate of Yugoslavia stated that over the last few months the Administrative Council had not elected the Secretary-General and had postponed the decision. In the future the Administrative Council should receive definite instructions to proceed to an election in the event of a vacancy at the meeting subsequent to the occurrence of a vacancy for the post of Secretary-General or Assistant Secretary-General.

HAIL AND FAREWELL TO SUB-WORKING GROUP 5B4

The Sub-Working Group 5B4 (High Frequency Broadcasting) finished its work at the thirteenth meeting late in the night on Monday, 9 November. The Group has worked arduously since 18 September, studying the draft plan prepared by the I.F.R.B. and considering proposals made in this connection by the Administrations. Many of the 13 meetings were held on consecutive days. The attendance at many meetings was greater than the capacity of the rooms allocated. Interest was keen and the discussion lively.

A procedure for frequency management in the High Frequency Broadcasting bands was drafted, which met with the support of the majority although some delegations did not agree with the procedure, or had comments on the various phases of the procedure. The report is revised according to the decisions of the Group by the patient and deliberate chairman, Mr. Sven Gejer, of Sweden, who will delineate the procedure and send the recommendations to the Sub-Committee 5B. This report, now under preparation will be available for delegations by Friday, so that the Working Group 5B can soon take up final consideration of the procedure. An interesting feature of the Group's work was the continued necessity to set up ad hoc study and drafting groups in which agreement was nearly always apparent, but complicated by the desire of nearly all delegations to participate.

In closing the meeting, the Chairman thanked all delegates for their cooperation and particularly those delegates who had worked hard in the common interest although they did not entirely agree with some aspects of the procedure. He expressed his appreciation also on behalf of the Sub-Working Group for the hard work and assistance of the reporter, Mr. Frank Axon of the B.B.C., Mr. H. Strohfeldt of Australia, the Chairman of the Ad Hoc Group, and Messrs. Gayer, Wang and Menzel of the I.F.R.B.. The conclusion was that with goodwill on the part of all Administrations, the procedure agreed upon in principle by most delegations could succeed in laying the foundation for a better High Frequency Broadcasting Service.

THE I.T.U. BANQUET

REMEMBER the I.T.U. Banquet being given on the occasion of the Plenipotentiary Conference, to which all Conference Delegates, friends and guests are invited, and which will be held at the Hotel des Bergues, at 19.30 hours (7.30 p.m.) on Saturday, 21 November, 1959. The banquet address will be given by Dr. Sir K.S. Krishnan and the other lecturers will also be honoured guests. Table reservations and tickets (23 Swiss francs per person) are available at the Information Desk from Mrs. Pauli at noon Thursday, 12th November.

Delegations or groups desiring to be at one table are urged to contact the Information Desk before Friday, 13 November, 18.00 hours.

IMPORTANT NOTICE

The first lecture will be on Coloured Television on Wednesday, 18 November and the lecture by Dr. Ponte, tentatively scheduled for Thursday, 12 November, will be given on Friday, 27 November.

DOUBLE TALK IN COMMITTEE 4

Despite the presence of gremlins in the interpretation system, which often resulted in the delegates hearing the original as well as the interpretation, some progress was made in the work of Committee 4 in its meeting yesterday afternoon, but not sufficient to satisfy the chairman who considered that the meeting should have continued later in the evening. However, in view of the difficulties which this would have caused to a large number of delegates, such continuation was not found practicable.

Earlier in the meeting, Mr. Børge Nielsen of Denmark was able to report that his small group, concerned with the use of the frequency band 315-325 kc/s for aeronautical and maritime navigation purposes in the Black Sea, had been able to produce a unanimous result which he attributed to the fine spirit of co-operation of all the participants.

The remainder of the afternoon was occupied by discussions of the third report of Working Group 4B which, with the exception of one or two paragraphs, was approved.

IN THE AUSTRALASIAN REGION

We are glad to report, on the basis of information sent to us direct from Australia, that the New Zealand-bred stayers Macdougall and Nether Gold triumphed with first and second placings in the £15,500 Melbourne Cup run at Flemington.

There seems to be close international co-operation in the Australasian Region.

LISTE DES PARTICIPANTS

LIST OF PARTICIPANTS

LISTA DE PARTICIPANTES

CONFERENCE ADMINISTRATIVE DES RADIOCOMMUNICATIONS

ADMINISTRATIVE RADIO CONFERENCE

CONFERENCIA ADMINISTRATIVA DE RADIOCOMUNICACIONES

Arrivées récentes et nouvelles désignations

Nominations and new arrivals

Designaciones y llegadas recientes

84. SUEDE  
SWEDEN  
SUECIA

Délégué / Delegate / Delegado

Capitaine Lars BERGMAN  
Capitaine de frégate  
Etat-Major des forces armées de Suède  
(et Mme.)

Hôtel Century  
24, Avenue Frontenex  
Genève  
T. 36 80 95

CONFERENCE DE PLENIPOTENTIAIRES

PLENIPOTENTIARY CONFERENCE

CONFERENCIA DE PLENIPOTENCIARIOS

Arrivées récentes et nouvelles désignations

Nominations and new arrivals

Designaciones y llegadas recientes

57. LUXEMBOURG  
LUXEMBURG  
LUXEMBURGO

Délégué / Delegate / Delegado

M. Léon BODE

Hôtel Stop  
5, rue Dancet  
Genève  
T. 24 19 04

Changements d'adresse

Changes of address

Cambios de direccion

94. VENEZUELA (République de)  
VENEZUELA (Republic of)  
VENEZUELA (República de)

Délégué / Delegate / Delegado

Sr. D. Guillermo S. GARCÍA

Hôtel Aïda  
6, Avenue Henri-Dunant, Apt. 8  
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# THE MORNING ELECTRON

Vol. One - No. 65

GENEVA

Friday, 13 November 1959

Published throughout the Meetings of  
the I.T.U. Conferences

## AGENDAS

Friday, 13 November 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Committee D	Room A - Bâtiment Electoral
9.30 a.m.	Committee H	Room PW - Maison des Congrès
3 p.m.	Committee B	Room F - Bâtiment Electoral
3 p.m.	Committee E	Room PW - Maison des Congrès
3 p.m.	Committee F2	Cancelled
3 p.m.	Committee F	Room E - Bâtiment Electoral
6.30 p.m.	Committee A	Room E - Bâtiment Electoral

### RADIO CONFERENCE

9 a.m.	Working Group 4B	Room E - Bâtiment Electoral
9 a.m.	Working Group 4D	Room F - Bâtiment Electoral
9 a.m.	Committee 5	Room B - Palais des Expositions
9 a.m.	Sub-Working Group 5A1	Room H - Bâtiment Electoral
9 a.m.	Committee 6	Room C - Palais des Expositions
9 a.m.	Sub-Committee 7C	Room D - Palais des Expositions
9 a.m.	Sub-Committee 7E	Room L - Bâtiment Electoral
9 a.m.	Committee 8	Room K - Bâtiment Electoral
3 p.m.	Committee 4	Room A - Bâtiment Electoral
	Working Group 5A	Cancelled
3 p.m.	Sub-Working Group 5A1	Room H - Bâtiment Electoral
3 p.m.	Sub-Working Group 5B3	Room C - Palais des Expositions
3 p.m.	Sub-Committee 7A	Room D - Palais des Expositions
3 p.m.	Committee 8	Room K - Bâtiment Electoral
5 p.m.	Working Group 5A	Cancelled
5 p.m.	Working Group 7F	Room D - Palais des Expositions
6.30 p.m.	Committee 1	Room E - Bâtiment Electoral
8.30 p.m.	Sub-Working Group 5A1	Room H - Bâtiment Electoral

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TODAY

AT THE PLENIPOTENTIARY CONFERENCE

In Committee B (Chairman: Mr. Langenberger) : approval of the summary record of the second meeting (Document No. 61); report of the Working Group of Committee B (Document No. 149); draft report to the Plenary Assembly (Document No. DT 45).

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In Committee E (Chairman: Mr. Colt de Wolf): approval of the reports of the 3rd and 4th meetings (Documents Nos. 104 Rev. and 118); technical assistance (Chapter 9 of the Report of the Administrative Council and Documents Nos. 62, 63, 64, 66, 73 and 74; Section 14.4 of the Report; Section 9.5 of the Report and Documents Nos. 73, 74 and 11; Proposals Nos. 59, 239 and 276; Section 14.5 of the Report and Document No. 13).

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In Committee H (Chairman: Mr. Garrido): study of the scale of contributions to the Union (Document No. DT 49); requests for reclassifications of contributions to the Union; Draft Resolution concerning the auditing of Union accounts (Document No. DT 42); subsistence allowances for Members of the Administrative Council; examination of Sections 11.1 and 11.5 of the Report of the Administrative Council to the Plenipotentiary Conference.

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AT THE RADIO CONFERENCE

In Committee 4 (Chairman: Mr. Pedersen): examination of the items in abeyance in Document No. 457; examination of the 4th report of Working Group 4B to Committee 4 (Document No. 521); examination of the report of the Special Group relating to the future method of allocating frequencies (Document No. 525) and study of the proposal by the Federal Republic of Germany (Document No. 528).

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In Committee 5 (Chairman: Dr. Joachim): examination of the summary record of the 13th meeting of Committee 5 (Document No. 467): progress reports on Groups 5 Ad Hoc, 5A and 5B and their Sub-Groups; examination of the final documents issued by the Working Groups.

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In Sub-Working Group 5B3 (Chairman: Mr. Bès): examination of the draft recommendations prepared by Small Sub-Working Group 5B3 and Special-Working Group 5B3 (Chapter II of Document No. DT 731 and Chapter III of the same document).

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In Sub-Committee 7C (Chairman: Mr. van A. Graves): summary records of the 12th, 13th, 14th, 15th and 16th meetings (Documents Nos. 510, 516, 517, 531, 541); final draft report of Sub-Committee 7C.

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IN COMMITTEE D

ELECTION OF THE SECRETARY-GENERAL AND OF HIS ASSISTANT  
OR ASSISTANTS (continued)

"THE BIG BAD WOLF" ... OR ... "IF THE WORST COMES TO THE WORST"

As Committee D decided on Wednesday by an overwhelming majority that henceforth the Secretary-General and his assistant or assistants should be elected by the Plenipotentiary Conference, it seemed as if it was only necessary to determine how to enforce this decision. This is what Mr. Nicotera, the Chairman, tried to point out on several occasions yesterday during a rather long-winded discussion. He explained that the problems to be solved were:

- 1) the period for which the Secretary-General and his assistant or assistants should be appointed;
- 2) the time interval between meetings of the Plenipotentiary Conference;
- 3) the decision to be taken should the post of Secretary-General fall vacant;
- 4) the legal status of the Secretary-General and his assistant or assistants.

Many subjects were directly or indirectly touched upon yesterday in the course of the exchange of views which was quite heated, but we feel that the main points are the following:

A. Frequency of the meetings of the Plenipotentiary Conference

The Acting Secretary-General pointed out that there were no meetings of the Plenipotentiary Conference between 1875 and 1932 and between 1932 and 1947 and that if the question of economizing was taken into account, it was not obviously necessary to hold a meeting of the Plenipotentiary Conference a short time after that of Geneva. This statement led to a number of others. The Delegate of the Hashemite Kingdom of Jordan described the Plenipotentiary Conference as the international parliament of telecommunications and remarked that it carried out both technical and legislative tasks. In the modern world it should meet at frequent intervals. The Delegates of India and New Zealand stressed that there would in any event be a meeting of the Plenipotentiary Conference in 1965. The Delegate of the United States of America brought up the possibility of quite long intervals between Conference meetings. The Delegate of Poland stated that however desirable it might be to economize, the main interests of the Union should not be sacrificed and there should be no hesitation in doing everything possible to ensure that it functioned democratically. The Delegate of Pakistan stated that constant, profound changes were going on in the modern world and pointed out that before 1947 no Union existed that was run on democratic lines and that between 1932 and 1947 there was the war. In the future it was necessary to provide for periodical meetings of the Plenipotentiary Conference.

The representative of Switzerland remarked with reference to a statement by the Acting Secretary-General which had probably been misinterpreted that his Government's invitation to the Union with regard to the celebration of the centenary of the I.T.U. was an unconditional one.

B. Period for which the Secretary-General should be appointed

The Delegates of the Hashemite Kingdom of Jordan, Argentina and Ghana and the Acting Secretary-General thought that a period of five years was the most reasonable solution. The Delegate of Israel favoured a period of six years and the Delegate of Colombia considered that some kind of meeting of a general assembly should be held every five years in the Union.

C. "If the worst comes to the worst"

When referring to the possibility of the post of Secretary-General becoming vacant, words were used such as "war", "death", "incapacity", "exceptional circumstances". In short, the idea was that of "if the worst comes to the worst". The Delegate of Poland remarked that in any event delegations should trust themselves and their own judgement. The Delegate of Bulgaria wished to clear the air and quoted a Russian proverb: "If you're afraid of the big, bad wolf, keep out of the wood".

D. The Administrative Council's powers

The Chairman, Mr. Nicotera, reminded the Delegate of Bulgaria, who had in mind the possibility of a Council which would not hesitate to get rid of a Secretary-General elected by the Plenipotentiary Conference, that the Administrative Council was nothing less than the authorized representative of the Plenipotentiary Conference and that in some cases it had to consult the Members of the Union before taking certain decisions.

The Delegate of Yugoslavia remarked that it was juridicially impossible to conceive of an Administrative Council exercising powers which belonged only to the Plenipotentiary Conference, and, therefore, it could only take provisional decisions until the following meeting of the Plenipotentiary Conference.

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Since the Delegates of Canada, the United States of America and the United Kingdom requested that a written text should be submitted to the Conference before they took a decision, the Delegate of Canada going so far as to say that there was a whole book of principles but not one line of actual text, since the Delegate of Colombia held that a decision could not be taken before settling the question of the frequency of meetings of the Plenipotentiary Conference, since the Delegate of France, supported by the Delegates of the United Arab Republic, Roumania and the Belgian Congo, insisted that a vote should be taken immediately, since the Delegate of the U.S.S.R. requested a secret vote, Mr. Nicotera, the Chairman, very wisely proposed to the members of the Committee that the work should be postponed and closed the meeting.

It would seem that if a text based on the proposals of Mr. Nuñez Arellano (Mexico) and Mr. Klokov (U.S.S.R.) could be established with regard to the amendment or the replacement of paragraph 12 c) of Article 5, the problems which may arise "should the worst come to the worst" can be solved without the risk of anyone being devoured by wolves.

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THE REPORT OF THE MIRACLE GROUP

Faithful to its own spontaneous commitments, the Morning Electron has refrained from publishing any information whatsoever on the work of the special group of Committee 5, studying problems confronting new countries and countries in course of development.

The report of the special group, known as the "Miracle Group", has just come out (Document No. 552) and we feel we should point out to all Conference participants that this document will shortly be the subject of an important and interesting discussion in Committee 5.

LISTE DES PARTICIPANTS

LIST OF PARTICIPANTS

LISTA DE PARTICIPANTES

CONFERENCE ADMINISTRATIVE DES RADIOCOMMUNICATIONS

ADMINISTRATIVE RADIO CONFERENCE

CONFERENCIA ADMINISTRATIVA DE RADIOCOMUNICACIONES

Arrivées récentes et nouvelles désignations

Nominations and new arrivals

Designaciones y llegadas recientes

415. FÉDÉRATION INTERNATIONALE DES OPERATEURS RADIOTÉLÉGRAPHISTES  
INTERNATIONAL FEDERATION OF RADIO OFFICERS  
FEDERACIÓN INTERNACIONAL DE OPERADORES RADIOTELEGRAFISTAS

Observateur / Observer / Observador

Mr. Gosta HILDING

Hôtel Century  
24, Avenue Frontenex  
Genève  
T. 36 80 95

Autres informations

Other information

Otros asuntos

1. AFGHANISTAN  
AFGANISTAN

Délégué / Delegate / Delegado

Mr. Moussa M. ASGHAR  
Telecommunication Engineer  
(and Mrs.)

19. COLOMBIE (République de)  
COLOMBIA (Republic of)  
COLOMBIA (República de)

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

Sr. D. Santiago QUIJANO CABALLERO  
Representative Especial del Ministerio de  
Comunicaciones

CONFERENCE DE PLENIPOTENTIAIRES

PLENIPOTENTIARY CONFERENCE

CONFERENCIA DE PLENIPOTENCIARIOS

Arrivées récentes et désignations nouvelles

Nominations and new arrivals

Designaciones y llegadas recientes

84. SUEDE  
SWEDEN  
SUECIA

Secrétaire de la Délégation / Secretary to the Delegation /  
Secretaria de la delegación

Miss Hjördis BJERNERT

Hôtel Century  
24, Avenue Frontenex  
Genève  
T. 36 80 95

Autres informations

Other information

Otros asuntos

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Representative Especial del Ministerio de Comunicaciones

Chef-adjoint de la délégation / Deputy Head of the Delegation /  
Jefe adjunto de la delegación

Sr. D. Roberto ARCINIEGAS  
Consejero del Gabinete del Ministro de Comunicaciones

Délégué / Delegate / Delegado

Sr. D. Luis RAMIREY ARANA  
Ministerio de Comunicaciones



# THE MORNING ELECTRON

Vol. One No. 66

G E N E V A

Saturday, 14 November 1959.

Published throughout the Meetings of  
the I.T.U. Conferences

## A G E N D A S

Saturday, 14 November 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Plenary Meeting	Room A - Bâtiment Electoral
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### RADIO CONFERENCE

9.30 a.m.	Sub-Working Group 4B2 (Footnotes)	Room C - Palais des Expositions
9 a.m.	Sub-Working Group 4D4 (Region 1)	Room G - Bâtiment Electoral
9 a.m.	Working Group 4E	Room E - Bâtiment Electoral
	Working Group 7A7	Cancelled
9 a.m.	Sub-Committee 7B	Room F - Bâtiment Electoral
9 a.m.	Committee 8	Room K - Bâtiment Electoral
3 p.m.	Working Group 5A	Cancelled
3 p.m.	Sub-Working Group 5A1	Room H - Bâtiment Electoral
3 p.m.	Committee 8	Room K - Bâtiment Electoral

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TO-DAY

Working Group 4E (Chairman Mr. Braga) : continuation of the consideration of the draft report to Committee 4 (Document No. 654 (Rev.)).

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Sub-Committee 7B (Chairman Mr. Billington): approval of the Summary Record of the 20th Meeting (Joint Meeting of 7B and 7C) (Document No. 541); approval of the texts of Documents Nos. 495 and 539.

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COMMITTEE H - FINANCE

During its meetings on 11 and 13 November, Committee H was concerned in particular with matters relating to the scale of contributions to the expenses of the Union (Article 13 of the Buenos Aires Convention).

The Committee was in favour of maintaining the existing scale of contributions (Article 13, paragraph 4) and the free choice of the contributory class (Article 13, paragraph 5), but it hoped that those countries, which, in view of the importance of their telecommunication services, would be able to put themselves in a higher category than the one for which they were at present registered, would examine the possibility of choosing for the future contribution categories more in line with their economic resources.

The Committee also studied some problems concerning the audit of the accounts of the Union and it is proposing to the Plenary Meeting of the Plenipotentiary Conference that it should maintain the present subsistence allowance rates for members of the Administrative Council (Resolution No. 33 of Buenos Aires).

As there was nothing more for the time being on the Agenda of Committee H, it was hoped that questions involving finance which were to be examined in the first place by other Committees (D, E and G for example) would be given priority. This would enable Committee H to carry on with its work.

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COMMITTEE 5

Committee 5 (Frequency registration procedure and International Frequency List) held its fourteenth meeting on Friday morning, with Dr. Miroslav Joachim (Czechoslovakia) in the Chair. It approved the Summary Record of the thirteenth meeting and noted the progress reports of Working Groups 5 Ad Hoc, 5A and 5B.

Working Group 5 Ad Hoc has already finished its work and prepared Document No. 552 containing the report and recommendations. However, since this important document has just been distributed, it was decided to study it at a special meeting of Committee 5 next Monday or Tuesday.

Working Group 5A is not yet in a position to submit a final document, but its Chairman said that it might finish its work in another fortnight. The Group is waiting for certain recommendations now being studied by Working Group 5B and, to expedite the work, the Chairman of Group 5A proposed that some documents should be sent by Group 5B direct to Group 5A, but without taking any stand as regards the decisions of Committee 5.

Working Group 5B, by the end of next week, will probably have finished its work on the International Frequency List below 27.5 Mc/s. For Group 5B to be able to finish its work, Sub-Group 5B6, holding its first meeting early next week, will have to have finished its work.

Committee 5 unanimously decided that two notes, one concerning the European Broadcasting Conference (Copenhagen 1948), the other concerning the European Maritime Mobile Conference (Copenhagen, 1948) would be submitted to the Plenary Assembly of the Administrative Radio Conference for approval.

As regards the forwarding of 5B's findings to 5A, the Committee unanimously adopted a compromise proposal by Mr. Lalung-Bonnaire (OPTA) : the findings unanimously accepted will be sent direct to the Chairman of Working Group 5A by the Chairman of Working Group 5B. Recommendations not unanimously adopted will be forwarded to the Chairman of Committee 5 who will forward them to the Chairman of Working Group 5A and will decide to hold an urgent meeting of Committee 5, if possible.

However, in accordance with the suggestion of the Delegate of Turkey, this procedure cannot be applied in the case of smaller groups such as Group 5 Ad Hoc.

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COMMITTEE D

MR. "X" AND MR. "Y"

THE ELECTION OF THE SECRETARY-GENERAL AND HIS ASSISTANT  
OR ASSISTANTS (CONTINUED)

Yesterday morning, Committee D re-opened the discussion on the period for which the Secretary-General should be appointed.

At the beginning of the meeting, Mr. Sterky (Sweden) drew the attention of the Committee to two very important questions: 1) the Secretary-General - Mr. "X" or Mr. "Y" and the Assistant Secretary- or Secretaries-General were human beings and not mechanical dolls. When an agreement was made between the Organization and Mr. "X" or Mr. "Y", the position and outlook for this person would have to be considered. The Conference would find it useful to consult qualified jurists who could deal with these questions; 2) the text of the Convention which was being drafted could be enforced only after its ratification by the States and Governments concerned. An additional protocol could not be enforced immediately. Legally speaking, it was for the Administrative Council to elect the new Secretary-General. In any event, it was necessary to provide for a group of representatives who could "negotiate" with the possible candidate or candidates.

The Delegate of Ghana pointed out that when he had come out in favour of the election of the Secretary-General and his assistant or assistants by the Plenipotentiary Conference, he had thought that the Plenipotentiary Conference would meet every five years.

Mr. Colt de Wolf (United States of America) was in favour of Mr. Nicotera's proposal to form a working group which would be specially charged with certain practical and legal problems like those brought up by the representatives of Canada, Ghana and Sweden.

With regard to the remarks of Mr. Sterky (Sweden), Mr. El Bardai (United Arab Republic) remarked that it was for the Plenipotentiary Conference and not for possible candidates to establish conditions of recruitment and engagement.

This point of view was supported by the representative of the Hashemite Kingdom of Jordan. The representatives of Denmark and Canada stated that they were also in favour of forming a working group.

By forty-six votes to eighteen, with three abstentions, the Committee decided, in a secret vote, that the Secretary-General and the Assistant Secretary-General would be elected for the period comprised between two successive Plenipotentiary Conferences. Mr. Storky (Sweden) said that, in the opinion of his government, this decision would be harmful to the interests of the I.T.U. The Chairman, Mr. Nicotera, then defined the terms of reference of the special working group which, in the light of Proposal No. 301 and the decisions of Committee 2, would have to study the following questions:

- a) what happens when the post(s) fall(s) vacant?
- b) what is the legal status as regards the restricted term of office?
- c) what happens if the contract is terminated?

The working group met immediately. Chairman: a representative of the United Kingdom; Members: representatives of the U.S.S.R., Czechoslovakia, Mexico, the United States, Colombia, Brazil, the United Kingdom, France, South Africa, Israel, India, Australia and a jurist from the Swiss Delegation. The Chairman, Mr. Daniels (United Kingdom) was asked to prepare a document showing the different proposals and opinions.

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THE REPORT OF THE SPECIAL AD HOC GROUP OF COMMITTEE 5

In presenting the report of the special Ad Hoc group (New and Developing Countries) to Committee 5 on Friday, Mr. Mirza, Chairman of this group, made the following statement :

".....Excluding the introductory part, the report is mainly divided in three parts, viz. A, B and C.

"Part A deals with the general results of the study in a summarized form, base upon the views expressed by the delegations before the interview group. Part B gives the conclusion derived from this study and Part C presents the Recommendations which, if implemented, in the opinion of the Ad Hoc Group, could go towards alleviating the difficulties and problems of the new developing countries. These recommendations have been made unanimously and are put forward in the faith and confidence in the international cooperation and goodwill which we consider to be indispensable in all matters dealt with by the Union, particularly in the use of Radio Spectrum, which is not the exclusive property of any member country, for all time to come, and in the use of which there must be gradual changes, if all member countries have to obtain satisfaction.

"Let me point out here, that some recommendations, more far reaching in their consequences than those contained in the Report, were put forward by some of the delegates and some strong sentiments were expressed over these proposals. While it has not been possible to incorporate all recommendations, the group aimed at getting the possible compromise in the interest of unanimity, and all matters were thoroughly discussed to reconcile all points of view. The recommendations contained in Document No. 552 are quite practicable and, we hope, they would be effective and I suggest their adoption with a view to helping the new and developing countries. I would also state that if any delegation considers the Recommendations contained in this document to some extent mild or insufficient, it should be given the liberty to present its point of view before Committee 5 if it so desires.

"The Ad Hoc group discussed all the relevant problems that came before it irrespective of the fact that some similar problems might have been under the discussion of any of the other working groups. The Ad Hoc group has made its own recommendations on such matters within the broad terms of reference set out for it, as will be seen from Part C of the Report.

"Finally, I would suggest that these recommendations be considered by your Committee with a view to their suitable incorporation in the shape of regulations, resolutions or recommendations".

Mr. Mirza also read out the contents of the letter he had received from the Chairman of the I.F.R.B. and certain extracts from the report of the Ad Hoc Group. He expressed his sincere appreciation for the mutual cooperation and goodwill that prevailed in the discussions in the Ad Hoc Group. Special mention was made of the work done by Mr. Carl W. Loeber (United States), who acted as the Chairman of the "interview group" and the "drafting group".

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"ALTERNATIVELY"

Until this afternoon we were reasonably certain that we understood the meaning of the word "alternatively". As a result of the discussions in the 24th meeting of Committee 4 under the chairmanship of Mr. Pedersen, we are now uncertain which of the following equations is true:

- (i) alternatively = or,
- (ii) alternatively = and or,
- (iii) alternatively = and and/or or,

and so on (or should it be or so on?).

Because of the short notice given of the intention to consider Document No. 506 and Addendum No. 1 to Document No. 521, it was agreed to defer their consideration to the next meeting of the Committee.

The 3rd and 4th reports of Working Group 4B were largely accepted. There are still one or two outstanding parts of these reports requiring further consideration.

The most important discussion of the afternoon took place on the report of the Ad Hoc group of the Committee on future frequency allocation policy, but owing to shortage of time it was not possible to complete action on this report and at the close of the meeting, the Committee accepted the chairman's proposal that the Ad Hoc group should be asked to reconsider their report, taking into account the discussion which had already taken place; a revised report would then be considered at a later date.

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COMMITTEE 6 (TECHNICAL MEETING)

Committee 6, at its thirteenth meeting yesterday, reviewed under the chairmanship of M. Barajas the work of the Ad Hoc groups which have been set up to deal with outstanding matters and designated those groups as follows:

Committee 6 Ad Hoc Group No. 1:

Examination of draft texts by Linguistic Group  
Chairman: M. Barajas Gutierrez (Mexico)

Committee 6 Ad Hoc Group No. 2:

Preparation of draft for new format of Table of  
Frequency Tolerances for separate publication  
Chairman: Mr. Haydn (U.S.A.)

Committee 6 Ad Hoc Group No. 3:

Consideration of guard band for 2182 kc/s.  
Chairman: Mr. Catá (I.F.R.B.)

Committee 6 Ad Hoc Group No. 4:

Consideration of appropriate types of power to be used for  
notification of frequencies.

Preparation of draft recommendation concerning the use of  
SSB emissions in the Maritime Mobile Service.

Chairman: Mr. Kronjager (Federal Republic of Germany)

Committee 6 also gave preliminary consideration to Recommendations Nos. 3, 4, 7 and 8 of the Administrative Radio Conference, Atlantic City, 1947.

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# THE MORNING ELECTRON

Vol. One - No. 67

G E N E V A

Monday, 16 November 1959

Published throughout the Meetings of  
the I.T.U. Conferences

## A G E N D A S

Monday, 16 November 1959

### PLENIPOTENTIARY CONFERENCE

9 a.m.	Plenary Meeting	Room A - Bâtiment Electoral
3 p.m.	Committee H1	Room L - Bâtiment Electoral
3 p.m.	Committee E	Room PW - Maison des Congrès

### RADIO CONFERENCE

9 a.m.	Sub-Working Group 4 Ad Hoc	Room B - Palais des Expositions
9 a.m.	Working Group 4B	Room E - Bâtiment Electoral
9 a.m.	Working Group 5B	Room F - Bâtiment Electoral
9 a.m.	Sub-Committee 7A	Room D - Palais des Expositions
9 a.m.	Working Group 7E	Room L - Bâtiment Electoral
9 a.m.	Committee 8	Room K - Bâtiment Electoral
3 p.m.	Sub-Working Group 4 Ad Hoc	Room C - Palais des Expositions
	Sub-Working Group 4D5	Cancelled
3 p.m.	Working Group 4E	Room F - Bâtiment Electoral
3 p.m.	Working Group 5B	Room A - Bâtiment Electoral
3 p.m.	Working Group Committee 6	Room G - Bâtiment Electoral
3 p.m.	Sub-Committee 7B	Room E - Bâtiment Electoral
3 p.m.	Committee 8	Room K - Bâtiment Electoral
5 p.m.	Plenary Meeting	Room A - Bâtiment Electoral
8.30 p.m.	Working Group 7A4	Room E - Bâtiment Electoral

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TODAY  
AT THE RADIO CONFERENCE

In Sub-Committee 7A (Chairman Mr. Bouchier): announcement by the Chairman concerning the date for finishing the work and the resulting working methods; approval of the third and fourth reports of Working Group 7A4 (Documents Nos. DT 721 and 756); Resolution No. 8 of the E.A.R.C.; Resolution No. 7 of the Final Acts of the Baltic and North Sea Radio-telephone Conference; proposals concerning Article 15; proposals concerning Article 25 left in abeyance until the end of the work of Working Group 7A2; Proposal No. 4101 of the United States concerning Article 25 (see Summary Record in Document No. 246).

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COMMITTEE E

ON THE WAY TOWARDS WRITING TECHNICAL ASSISTANCE  
INTO THE TELECOMMUNICATION CONVENTION

With Chairman Colt de Wolf (United States of America) guiding proceedings with his unvarying combination of firmness and warmth, the meeting of Committee E on Friday afternoon discussed two Polish Proposals for inclusion in the Convention of the principle of technical assistance to countries whose telecommunication networks are in the course of development. The Delegations of Czechoslovakia and Japan, which had submitted similar Proposals, stood down in favour of the Polish texts.

The first Proposal called for the inclusion of technical assistance among the purposes of the I.T.U. (Article 3 of the Convention), and it was warmly approved by almost all the Delegations present. Final drafting was put off, however, until the Committee had decided on the correct methods for applying the principle.

The second Proposal dealt more specifically with the functions of the C.C.I.s. It said that Article 7 should include a stipulation that the C.C.I.s should, in the course of their work, pay particular attention to questions touching on the development of telecommunication facilities in countries where they have not yet reached their fullest development. After hearing the Directors of the C.C.I.s on the way they felt the Polish Proposal should be applied, the Committee approved the introduction of the new paragraph suggested for Article 7 of the Convention.

The Committee then decided to prepare three resolutions for the Plenary Assembly. The first is to authorise the Administrative Council to take the necessary budgetary action if any changes in the present system of technical assistance should force the Union itself to bear the administrative cost of its participation in the United Nations Expanded Programme. The second resolution is aimed at deciding on the way in which the Union should collaborate in the operation of the United Nations Special Fund. The third resolution will cover decisions taken regarding entire I.T.U. administration of the technical assistance programme under the Expanded Programme.

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PLENARY MEETING OF THE PLENIPOTENTIARY CONFERENCE

"FINE SATURDAYS"

Plodding along this morning in the rain to the Bâtiment Electoral, we could not fail to think of all those who, throughout the world, are no doubt thinking that the delegates of their Administrations to the Geneva Conferences are deliberately prolonging their stay in Geneva in order to have nice, pleasant weekends. Neither could we help murmuring to ourselves the verses of the charming French writer Francis Carco:

"Il pleut c'est délicieux, je t'aime,  
"Nous resterons à la maison.  
"Rien ne nous plaît plus que nous-mêmes  
"Par ce temps d'arrière-saison."

So the days go by. And so our weekends go by in this Bâtiment Electoral that we are beginning to know quite well.

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On Saturday, the Plenipotentiary Conference solved two important problems. Incidentally, its Chairman, Mr. van der Toorn, had pointed out that the Conference must make haste if delegates really wanted to be back home by Christmas.

First, the Conference agreed to the following distribution of seats for the election of members of the Administrative Council, as shown in Document No. 130:

- Region A (Americas): 23 members - 6 seats
- Region B (Western Europe): 21 members - 6 seats
- Region C (Eastern Europe and North Asia): 10 members - 3 seats
- Region D (Africa): 15 members - 4 seats
- Region E (Asia and Australasia): 27 members - 6 seats.

A proposal by the Delegate of Ceylon to give 7 seats to Region E was rejected by a secret vote. The results were: 41 votes against; 31 votes in favour; and 2 abstentions. There was one invalid voting slip.

As regards the procedure for electing the new Council, there was a long debate on a purely legal question - as was only to be expected.

Sir Thomas Rapp (United Kingdom) explained that the delegates to the Plenipotentiary Conference had powers to negotiate but could not neglect the provisions and obligations of the Buenos Aires Convention. In addition consideration had to be given to new aspirations and changes. As a solution, he proposed the election of 25 members of the Council, 18 of them to constitute the Council up to January 1961 - effective date of the new Convention - the other 7 members being admitted to attend meetings of the Council up to that date as observers. This proposal by the United Kingdom, together with the proposal to set up a working group, was supported by the Delegates of the United States, Sweden, Israel, Iran, Greece and the Union of South Africa.

Mr. Klokov (U.S.S.R.) said that, since it had been decided to elect a Council of 25 members, it would be logical to settle immediately the question of the Administrative Council, the Secretary General and all factors which governed the development, speed and efficiency of the work of the Union as a whole. This opinion was shared by the Delegates of the Bielorussian S.S.R., the P. R. of Bulgaria, the Roumanian P. R. and Switzerland.

Mr. El Bardai (United Arab Republic), supported by the Delegates of Italy, the Hashemite Kingdom of Jordan and Paraguay, felt that the solution would probably be to keep the members of the present Council in their duties, while electing the 25 countries which would form the Council as from 1 January 1961, the effective date of the new Convention. The Delegate of the United Arab Republic strongly opposed the idea of creating "observer" states in a secondary position.

The Delegates of the F.P.R. of Yugoslavia, India, Ethiopia, Afghanistan, Pakistan, Mexico, Japan, Spain and France were in favour of the additional protocol for the immediate application of the decisions of the Plenipotentiary Conference.

Mr. Drevet (France), explaining the ideas of those who were in favour of the additional protocol, pointed out that the United Kingdom proposal, clever and subtle as it might be, nevertheless was an infringement of the Buenos Aires Convention. He felt that the Plenipotentiary Conference had taken certain steps because it wanted to be fair, just and mindful of democratic aspirations. It could not now go back in any way on its action.

The Delegate of the States of the French Commonwealth wondered whether disillusionment was not in store.

The Delegate of Belgium, interpreting article 2 of the Convention, said that, in his view, the article did not mean that the Council was elected until the effective date of a new Convention but until the meeting of the Plenipotentiary Conference.

The Delegate of the Argentine Republic said that an election was necessary in any case, even if it merely meant re-electing the expiring Council.

The Delegate of Czechoslovakia got the Acting Secretary General to confirm that "full powers" really meant "full powers" and stated that it was not possible to make certain States go through a sort of probationary period.

The Delegate of China felt that these questions could not all be solved by legal chemistry and that there could not be legitimate members of the Council and observer members of the Council.

Mr. Baczko (Poland) asked for a vote on the following proposal: the Council of 25 members will be elected by the Plenipotentiary Conference now meeting in Geneva and the members will assume their functions immediately on election.

Mr. Quijano Caballero (Colombia) asked that the discussion should be deferred until a working group had studied all the possible legal implications of the decisions to be taken. The Delegates of the United Arab Republic and the U.S.S.R. opposed this proposal. The Colombian proposal was rejected by 34 votes to 28, with 5 abstentions. The Polish proposal was then accepted by 40 votes to 19, with 9 abstentions.

In spite of the late hour, the meeting finished in a good tempered way. Mr. Nicotera pointed out that his Committee had not enough to do and made every easy question difficult. Mr. Gross said that a working group or a drafting group might meet over the weekend. The Chairman asked if he would be expected to lead that group. It was finally decided to raise the meeting and to resume discussion at 9 a.m. - repeat, 9 a.m. - on Monday morning to study Document No. 144 forthwith. Things are becoming urgent.

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Coming back, in the wind and the rain, from the charming reception to which the Canadian Delegation had invited us, listening to our nocturnal footfalls, we could not avoid thinking of the fine Saturdays that some people can have and the forests of the Gâtineau Valley and Upper Quebec which must now be in a full riot of autumn purple and gold.

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# THE MORNING ELECTRON

Vol. One - No. 68

G E N E V A

Tuesday, 17 November, 1959

Published throughout the Meetings of  
the I.T.U. Conferences

## A G E N D A S

Tuesday, 17 November, 1959

### PLENIPOTENTIARY CONFERENCE

	Committee D	Cancelled
	Sub-Committee F1	Cancelled
9.30 a.m.	Plenary Meeting	Room A - Bâtiment Electoral
3 p.m.	Sub-Committee D2	Room H - Bâtiment Electoral
	Committee H	Cancelled

### RADIO CONFERENCE

9 a.m.	Sub-Committee 4E	Room E - Bâtiment Electoral
9 a.m.	Sub-Committee 5B	Room F - Bâtiment Electoral
9 a.m.	Sub-Committee 6A	Room B - Palais des Expositions
	Working Group 7A4	Cancelled
9 a.m.	Working Group 7A7	Room C - Palais des Expositions
	Committee 8	Cancelled
	Working Group 7A8	Cancelled
3 p.m.	Committee 8	Room K - Bâtiment Electoral
3 p.m.	Sub-Committee 7B	Room D - Palais des Expositions
3 p.m.	Plenary Meeting	Room A - Bâtiment Electoral
5 p.m.	Committee 4	Room A - Bâtiment Electoral
5 p.m.	Sub-Committee 5A	Room F - Bâtiment Electoral
5 p.m.	Working Group 5B6	Room E - Bâtiment Electoral
8.30 p.m.	Working Group 7A7	Room E - Bâtiment Electoral
8.30 p.m.	Lecture	Room A - Bâtiment Electoral

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TO-DAY  
IN THE RADIO CONFERENCE

In Sub-Committee 6A (Chairman : Mr. Allen): summary records of the fifteenth and sixteenth meetings (Documents Nos. 529 and 561); decision by Committee 6 on the need for inclusion of terms 69m, 69n, 69o, 69p and 69q, about radio noise, etc., in the Regulations; decision by Committee 6 about inclusion in the International Radio Consultative Committee Recommendation dealing with designations of transmissions (Working Document No. 624) of a request for a definition of the word "emission"; terms still to be defined (Working Documents Nos. 536, 755 and 643; No. 22a - tropical broadcasting - Indian Proposal 103, page 57, Rev.1 in the Collected Proposals); No. 71 (pulse radiobeacons); lay-out of terms and definitions in Article 1 (Working Document No. 749); list of deleted terms (Document No. 326 and Addenda 1 and 2).

IMPORTANT NOTICE

The first two lectures of the series of lectures for the Plenipotentiary Conference will be held as follows :

<u>Date</u>	<u>Time &amp; Place</u>	<u>Subject</u>	<u>Lecturer</u>
Wednesday, 18.11.59	21.00 hrs. Room A	Colour Television	Dr. George H. Brown Vice-President Radio Corporation of America
Thursday, 19.11.59	21.00 hrs. Room A	Radio propagation	Dr. R.L. Smith-Rose Director, Radio Research Dept. of Scientific and Industrial Research, United Kingdom.

For those of you who have not picked up your banquet tickets, or have not made your reservations, please do so by Wednesday, 18 November.

AT THE PLENIPOTENTIARY CONFERENCE

THE I.F.R.B. (CONTINUED)

"TWELVE LONG YEARS HAVE FLOWN, BUT THE PROBLEM HAS NOT CHANGED ..."

During its long meetings yesterday morning and afternoon, the Plenipotentiary Conference did at least take two decisions which will result in the use of international telecommunication facilities. It instructed the Secretariat to send off the necessary cables informing the national Administrations that they have until 1 December to submit candidatures for the 25 future seats on the Administrative Council, and for the 11 seats on the International Frequency Registration Board.

One of the striking things about both the everyday life of the I.T.U. and its extraordinary conferences and meetings is that this organization is not only one of the most universal and one of the oldest of international bodies, but also one in which the present is always - and even at times of far-reaching changes - intimately and affectionately linked with the past. When Mr. Francis C. de Wolf (United States) was mentioning the discussions at Atlantic City and recalled in particular the memory of Mr. Pierre Lahaye and of some of his statements, there was some emotion among his listeners and Mr. van der Toorn himself did not find it easy to express his feelings on hearing the name of his old colleague and friend brought up again. He was moved to remark: "Twelve long years have flown, but the problem has not changed".

The Conference decided to adopt rather than just accept (the very appropriate distinction was made by Mr. Nicotera) the Radio Conference's replies to the two questions it had been asked about the I.F.R.B., the voting being 43 in favour to 9 against, with 11 abstentions. 19 States did not participate in the vote.

However, scarcely had the text been adopted when it was found necessary to discuss points of detail in it. The Chairman had to mention that he had taken care before the vote to stress that any decision to adopt paragraph c) of the reply to question No. 2, the text concerning the General Secretariat, was provisional only, because a document on the organization of the Secretariat, namely Document No. 170, had been prepared by Committee D also, which is still trying to get through the "Devil's Pass".

Mr. Sterky (Sweden) and the representatives of the U.S.S.R., Yugoslavia, Kuwait, Malaya, and the Bielorussian S.S.R. spoke of the important implications of paragraph c) and the Delegate of France mentioned certain rumours afloat that no fewer than seventy new officials would be needed in the Secretariat of the I.F.R.B. Mr. Quijano Caballero (Colombia) was insistent in his view that there was no obstacle to the adoption of paragraph c) in its present form, since it merely stated an undeniable fact, namely that the I.F.R.B. needed its own specialized Secretariat.

In connection with the need to keep the specialized Secretariat mentioned in paragraph d) the right size, Mr. Nicotera (Italy) felt it should be borne in mind that the Administrative Council had certain duties to perform and that it remained at all times the executive organ of the Plenipotentiary Conference.

After innumerable discussions and arguments over paragraph b), the Delegate of France suddenly noticed that the Spanish and English texts referred to "persons", whereas the French text said "members". Although that was one point of confusion out of the way, it still did not solve the problem.

The Delegates of Italy and Sweden mentioned that their countries were in favour of an I.F.R.B. consisting of seven and nine members respectively. Mr. André Henry (France) was seconded by the Delegates of Uruguay, Italy and Switzerland when he said that the Radio Conference, as the organ responsible for the structure of the I.F.R.B., should decide about this question of "persons" or "countries" and should likewise deal with election and replacement.

Notwithstanding Mr. de Wolf's public dithyrambs on the lunch he had enjoyed in the company of the French Delegates, there was no immediate influx of logic and clarity into the postprandial proceedings.

The Head of the United States Delegation more than once expressed his conviction that it was important for the Union that the I.F.R.B. should be composed of independent members who would not be recalled by their Governments or Administrations. He was particularly anxious to know who were to be the members of the I.F.R.B., before he left Geneva, having no desire to buy a pig in a poke. Mr. Pedersen (Denmark) was also in favour of having recognized authorities on the I.F.R.B., a permanent and efficient organ of the Union. The Delegate of Greece thought that members of the I.F.R.B. should hold office indefinitely.

The Delegate of the Belgian Congo emphasized how exceedingly important it was to choose young, dynamic, independent people. Hence the members of the "International Frequency Registration Board" should be renewed at each Ordinary Administrative Radio Conference. The Delegate of Australia seemed to think likewise.

There is, of course, no secret about the proposals made by the United Kingdom of Great Britain and Northern Ireland, but the Delegate of that country strongly emphasized the definition of members of the I.F.R.B. They had to be persons with a considerable reputation and be highly qualified.

The Delegations of the Union of Soviet Socialist Republics, the People's Republic of Poland, the Bielorussian Soviet Socialist Republic, and the People's Republic of Bulgaria wanted things to stay as they were, under the Atlantic City and Buenos Aires Conventions, now that the Conference had, by a majority vote, pronounced in favour of an eleven-man Board, elected, and not in favour of a frequency registration office.

Mr. Carlos Nuñez, Head of the Mexican Delegation, offered a compromise proposal. Countries would be asked to stand for a seat, while at the same time putting forward individual names. Every individual candidate ought to be backed by a country willing to guarantee his qualifications for the task. And if a post fell vacant, it would be for the country elected to provide a replacement.

The Delegate of Ceylon said that in sponsoring a candidate a country always offered guarantees. The real problem was that of replacement, should a seat on the Board fall vacant, whether the country itself provided the replacement, or whether the successful candidate's name was taken from a list showing the results of full elections undertaken by the Administrative Radio Conference.

Mr. Santiago Quijano Caballero, Delegate of Colombia, said that the members of the I.F.R.B. had to be persons known to the Union, but at the same time the various parts of the world had to be equitably represented. Mr. Mirza (Pakistan), like Mr. Francis C. de Wolf (United States), said that a member of the I.F.R.B. could not be replaced or recalled by his country. Clauses safeguarding that had to be devised, as was the case for the International Court of Justice.

Dr. Sarwate (India) remarked that like all Union officials, I.F.R.B. members had to take an oath of integrity and absolute independence with respect to their countries of origin.

At the end of the afternoon the meeting was still in something of a muddle. The Chairman, Mr. J.D.H. van der Toorn, called for a vote, and it was decided by fifty-five votes to 0, with ten abstentions, to set up a working party. This working party will have to disentangle the skein of proposals about staff and members, selection, election and replacement, and the status quo.

Happily the Chairman of this working party, Mr. Albert Drevet, an incorrigible optimist, announced that the solution was in sight. The working party is made up of delegates from the United Kingdom of Great Britain and Northern Ireland, the United States, the Belgian Congo, the Union of Soviet Socialist Republics, Mexico, Ceylon, Colombia, and France, and will begin its work without more ado. Perhaps that was the only thing to do, because, as Mr. van der Toorn said, there is no hope of a compromise if a decision has already been taken. Be that as it doubtless may, messages are now on their way to every corner of the earth, advising Administrations of elections to the Council and to the International Frequency Registration Board. Let us hope that this will spare us the trouble of drawing up an additional protocol whereby Fathers Antonio Stefanizzi and Henri de Riedmatten are asked to arrange for the celebration of Midnight Mass in Room A of the Electoral Building.

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MEETING OF COMMITTEE 7

Committee 7 will have a short plenary meeting immediately prior to the meeting of Sub-Committee 7B at 3 p.m. today.

MEETING OF WORKING GROUP 6A

Working Group 6A will meet this morning at 9 a.m. in Room B, Palais des Expositions.

LISTE DES PARTICIPANTS

LIST OF PARTICIPANTS

LISTA DE PARTICIPANTES

CONFERENCE ADMINISTRATIVE DES RADIOCOMMUNICATIONS

ADMINISTRATIVE RADIO CONFERENCE

CONFERENCIA ADMINISTRATIVA DE RADIOCOMUNICACIONES

Arrivées récentes et nouvelles désignations

Nominations and new arrivals

Designaciones y llegadas recientes

24. CUBA

Délégué / Delegate / Delegado

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Carlos ESTRADA Y CASTRO  
(et Mme.)

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ESTADOS UNIDOS DE AMÉRICA

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General Counsel  
Federal Communications Commission  
Washington 25, D.C.

43. INDONÉSIE (République d')  
INDONESIA (Republic of)  
INDONESIA (República de)

Secrétaire / Secretary / Secretaria

Miss Susanne M.B. BERNHARD  
Commercial Section of the  
Indonesian Embassy in Bern

90. TURQUIE  
TURKEY  
TURQUÍA

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Changements d'adresse  
Changes of Address  
Cambios de dirección

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ARABIA SAUDITA (Reino de)

Chef de la délégation / Head of the Delegation /  
Jefe de la delegación

Mr. Ahmed ZAIDAN

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Other information  
Otros asuntos

43. INDONÉSIE (République d')  
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INDONESIA (República de)

Chef de la délégation / Head of the Delegation /  
Jefe de la delegación

Mr. Ahmad SUBARDJO DJOJOADISURYO

Villa Lou Janot  
Céligny  
(Genève)

Chef adjoint de la délégation / Deputy  
Head of the Delegation / Jefe adjunto  
de la delegación

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Deputy Chief of Telecommunications  
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Superintendent of Communications  
Indonesian Navy  
Djakarta

"

Captain E. PARTANA  
Deputy-Chief of Communications  
Indonesian Navy  
Djakarta

"

CONFERENCE DE PLENIPOTENTIAIRES  
PLENIPOTENTIARY CONFERENCE  
CONFERENCIA DE PLENIPOTENCIARIOS

Nouvelles désignations et arrivées récentes  
Nominations and new arrivals  
Designaciones y llegadas recientes

24. CUBA

Délégué / Delegate / Delegado

\* Sr. Ingeniero  
Carlos ESTRADA Y CASTRO  
(et Mme.)

Hôtel Beau-Rivage  
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43. INDONÉSIE (République d')  
INDONESIA (Republic of)  
INDONESIA (República de)

Secrétaire / Secretary / Secretaria

\* Miss Susanne M.B. BERNHARD  
Commercial Section of the  
Indonesian Embassy in Bern

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NORWAY  
NORUEGA

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90. TURQUIE  
TURKEY  
TURQUÍA

Délégué / Delegate / Delegado

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| * M. Izzet BILGIC                 | Hôtel Pacific     |
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| Direction générale des P.T.T.     | Genève            |
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Changements d'adresse

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ARABIA SAUDITA (Reino de)

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

- |                    |                    |
|--------------------|--------------------|
| * Mr. Ahmed ZAIDAN | Hôtel de l'Ancre   |
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Autres informations

Other information

Otros asuntos

43. INDONÉSIE (République d')  
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INDONESIA (República de)

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

- |                                   |                 |
|-----------------------------------|-----------------|
| * Mr. Ahmad SUBARDJO DJOJODISURYO | Villa Lou Janot |
|                                   | Céligny         |
|                                   | (Genève)        |

PORTUGAL

Délégué / Delegate / Delegado

- M. le Dr. Fernando ELOY  
(et Mme.)



# THE MORNING ELECTRON

Volume One - No. 69

GENEVA

Wednesday, 18 November, 1959.

Published throughout the meetings of  
the I. T. U. Conferences

## AGENDA

Wednesday, 18 November, 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Committee D	Room A Bâtiment Electoral
3 p.m.	Committee G	Room P W Maison des Congrès
3 p.m.	Committee F	Room E Bâtiment Electoral
5 p.m.	Sub-Committee F2	Room E Bâtiment Electoral

### ORDINARY ADMINISTRATIVE RADIO CONFERENCE

9 a.m.	Special Working Party 4D	Room C Palais Des Expositions
9 a.m.	Working Group 4G	Room E Bâtiment Electoral
9 a.m.	Working Group 5A	Room F Palais Des Expositions
9 a.m.	Working Party 6 Ad Hoc 1	Room L Bâtiment Electoral
9 a.m.	Committee 7	Room D Palais Des Expositions
9 a.m.	Committee 8	Room K Bâtiment Electoral
3 p.m.	Committee 4	Room A Bâtiment Electoral
3 p.m.	Committee 5	Room B Palais Des Expositions
3 p.m.	Sub-Committee 7A	Room D Palais Des Expositions
3 p.m.	Ad Hoc Working Party 7A	Room L Bâtiment Electoral
3 p.m.	Committee 8	Room K Bâtiment Electoral
8.30 p.m.	Working Group 5A1	Room L Bâtiment Electoral
9 p.m.	A Lecture by Dr. George H. Brown	Room A Bâtiment Electoral
	Working Group 4B	Cancelled

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TO-DAY

IN THE PLENIPOTENTIARY CONFERENCE

In Committee F (Chairman - O.N. Carli): summary record of the eighth meeting (Document No. 165); Mexican Proposal No. 328 (Document No. 162); reports by the Chairmen of Sub-Committees F1 and F.2.

In Sub-Committee F2 (Chairman - E.M. Koram): adoption of the summary records of the second and third meetings (Documents Nos. 152 and 154); adoption of new versions of the General Regulations (Addendum 1 to Document No. 154); report by the drafting party; further discussion of Proposals Nos. 193, 195-196, 286, 197, 206, 208, 209, 210, 211, 212, 217.

IN THE ORDINARY ADMINISTRATIVE RADIO CONFERENCE

In Committee 4 (Chairman - Gunnar Pedersen): points in abeyance in Documents Nos. 457 and 521; second report by Working Group 4A (Document No. 506, dated 31 October, 1959); third and final report by Working Group 4A (Document No. 568); report by the Special Group (Document No. 525-Rev.) and the Federal German Proposal in Document No. 528.

In Working Group 4G (Chairman - S.M. Myers): draft report by Working Group 4G, except for the apportionment table and its footnotes, appearing in the Appendix to Document No. DT 771 (Document No. 559, Rev.1).

In Committee 5 (Chairman - Dr. M. Joachim): report by the Ad Hoc Working Party 5 (Document No. 552).

Committee 7 (Chairman - A. Ehle): summary record of the twelfth meeting (Document No. 557); adoption of Articles 30a and 28 (Documents Nos. 544 and 571).

Committee G will meet to-day at 15.00 hours in Room PW, Maison des Congrès, and not in Room A as originally announced.

Committee 4 will to-day hold the meeting which was to have been held yesterday at 15.00 hours, in Room A.

AT THE PLenary MEETING OF THE ORDINARY ADMINISTRATIVE RADIO CONFERENCE

Mr. J.A. Autelli (Argentina), replacing Mr. Charles Acton, who was ill, yesterday presided over the Radio Conference. First of all, the Conference took cognizance of the draft recommendation based on the UNESCO proposal, submitted by Morocco, about cheap, sturdy, radio receiver sets.

Captain Booth (United Kingdom of Great Britain and Northern Ireland) observed that further details would be necessary if the International Radio Consultative Committee was to deal with that matter. Were the signals to be received short or long-distance ones? Were those sets to receive low, medium, high, or very-high frequency transmissions? What were the specifications to be, especially as regards sensitivity and selectivity?

Dr. Joachim (Czechoslovakia), on behalf of I.B.T.O., asked that the documents make some reference to the research and activities of that organization.

Mr. Pedersen (Denmark) called for greater detail. It should be made clear that the sets were designed to receive sound broadcasting, and it should be specified that they would work on frequency-modulation. It should be made clear, too, that there were production problems, depending on the country, and that there was no single reply to the question as regards the balance between quality and cost. Mr. Lazaro Barajas G. (Mexico) was also in favour of further details. So was the Delegate of Greece.

The Delegate of Morocco, and Mr. Hayes (Vice-Director of the C.C.I.R.) once more explained the purpose of the proposal and why it had been worded in that fashion, with an eye to satisfying the requirements of certain countries. The Delegate of Pakistan emphasized how exceedingly important the problem was, and the Delegate of Israel observed that the requirements of certain countries should first be made known. The same views were expressed by Mr. Quijano-Caballero (Colombia).

It was decided that a working party under the Delegate of Morocco (assisted by the Senior Officials of the C.C.I.R.) should be set up to draft a new text for the Conference. The Conference took formal note of the documents about the meeting of representatives of countries in the European Broadcasting Area and about a meeting of delegates from countries in the European Maritime Area, within eighteen months after the end of the Administrative Radio Conference, or later.

Then began consideration of the first series of texts (blue documents) prepared by the Drafting Committee under the vigilant eye of Mr. André Henry (France). He will henceforward have a special wire to the Chairman's rostrum. This will enable him considerably to shorten discussions on textual matters.

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TODAY'S LECTURE

Dr. George H. Brown, Vice-President of the Radio Corporation of America, will give a lecture tonight at 9 p.m. in Salle A on the following subject: Colour Television. Our readers will find below a biographical sketch of today's lecturer.

Dr. George H. Brown is Vice-President, Engineering, Radio Corporation of America, Princeton, N.J. He was graduated with a B.S. in electrical engineering from the University of Wisconsin in 1930, and was awarded the Wisconsin Public Utilities Association Fellowship for 1930-1931. In 1931 he received his M.S. from the University of Wisconsin and was awarded the Regent's Fellowship for the next two years. He received his Ph.D. from Wisconsin in 1933. During the next nine years, Dr. Brown was with the R.C.A. Manufacturing Company's Research Department in Canada, New Jersey. In 1939 he received the Modern Pioneer Award of the American Manufacturers Association. Since 1942, Dr. Brown has been active in research in the field of antennas and wave propagation, radio-frequency heating and television systems at R.C.A. Laboratories in Princeton. He received a War Department Certificate of Appreciation "for his outstanding work in the research, design and development of radio and radar antennas during World War II." From 1948 to 1957 Dr. Brown was in charge of R.C.A.'s colour television research. In 1952 he was appointed Director of the Systems Research Laboratory of R.C.A. Laboratories in Princeton, N.J. In January, 1957, he was appointed Chief Engineer, Commercial Electronic Products Division, Radio Corporation of America, Camden, N.J., and in June, 1957, Chief Engineer, Industrial Electronics Products, Radio Corporation of America, Camden, N.J. He was appointed to his present post in March, 1959. He was active on numerous panels, committees and sub-committees of the National Television System Committee, and is now a member of the permanent Colour Television System Committee of the Electronic Industries Association. Dr. Brown was listed with "the radio-electronic pioneers of our time" on the Hugo Gernsback Testimonial Trophy in 1953; and in Dunlap's Radio's 100 Men of Science and American Men of Science. He is a member of Sigma Xi, the New York Academy of Sciences, the Franklin Institute, and the SMPTB, and is a Fellow in the IRE, AAAS, and the AIEE. He is the author of numerous articles which have appeared in scientific journals from 1932 through the present time. Dr. Brown has been issued 79 United States patents. He is on the Executive Board of the George Washington Council of the Boy Scouts and is active in local community work.

THE SECRETARY-GENERAL (CONTINUED)

A PUBLIC DEMONSTRATION OF THE BALLOT

The Plenipotentiary Conference yesterday indefatigably pursued its race against time.

Firstly, it had to deal with a rare and exceedingly interesting point of procedure.

Mr. Wershof (Canada) said that it was perhaps inevitable that the election of the Assistant Secretary-General or Assistant Secretaries-General should be treated in the same way as that of the Secretary-General himself. It could be undertaken by the Administrative Council.

The Chairman accordingly ruled that the vote on the election of the Secretary-General and of his assistant or assistants should proceed in two stages. There was a vote by roll-call on this point. 35 votes were cast for a vote in two stages, with 34 against and 3 abstentions. Twenty delegations were absent.

The Delegate of Tunisia thereupon declared that had he been present he would have voted against. The Delegate of Indonesia said the same. The Chairman, anxious to display complete objectivity, observed that the shift of a vote or two might be technically important, whereupon the Delegate of the United States declared his emphatic objection to yet another vote on the matter.

The Chairman then ruled that the vote should stand, i.e., absent delegations would be considered as truly absent. This ruling was approved by 49 votes to 13, with 9 abstentions. After that followed a demonstration of the use that can be made of the ballot.

The Conference first voted on the proposal that the Secretary-General should be elected by the Plenipotentiary Conference. The vote was by secret ballot, as requested by the People's Republic of Poland. For : 59; against : 14; abstentions: 2.

The election of the Assistant Secretary-General or Assistant Secretaries-General then had to be decided on. The Delegate of the People's Republic of Bulgaria called for a ballot. The Delegate of Canada remarked that the I.T.U. was probably the only United Nations specialized agency in which the Assistant Secretary-General was appointed by the Plenipotentiary Conference. Mr. El Bardai (United Arab Republic) observed that the Assistant Secretary-General, who might well be called upon to replace the Secretary-General himself, must be elected by the Plenipotentiary Conference. Senior I.T.U. officials had to be appointed by election. This second ballot gave 44 votes in favour, 27 against, and 2 abstentions.

The Conference then turned to the procedure for election of the next Secretary-General. Mr. Klovov (Union of Soviet Socialist Republics) suggested that an additional protocol be prepared so that the Conference, meeting in Geneva, might itself elect the next Secretary-General, and his assistant or assistants.

This was forthwith supported by Ceylon, the People's Republic of Poland, and the Federal People's Republic of Yugoslavia. The Delegate of the People's Republic of Bulgaria called for a ballot, which, said he, was an excellent method giving excellent results.

Then for the third time in the course of one morning the referees (the Delegates of Indonesia, Tunisia, and Spain) made their way to the ballot box to analyse the slips placed therein. The vote on Mr. Klovov's proposal gave : 56 in favour, 12 against, and 6 abstentions. The Conference then decided to set up a working party (the Union of Soviet Socialist Republics, the United Kingdom of Great Britain and Northern Ireland, the United States, France, the United Arab Republic, and Japan) under Mr. de Miranda (Head of the Brazilian Delegation), first Vice-Chairman of the Conference, to draft a text giving the election procedure in detail. Telegrams were at once despatched to Administrations, announcing that they had until 5 December to submit names for the posts of Secretary-General and Assistant Secretary-General (Assistant Secretaries-General).

As regards accounts in arrears but not queried, it was decided that telegrams should be sent to the Administrations of the countries concerned, containing the amended resolution shewn in Document No. 117, and asking them to inform the Union before 30 November of the date when they intended to settle their unqueried debts.

The Conference adopted Committee H's proposal about the consolidated budget by 31 votes to 27, with 14 abstentions.

Mr. Francis C. de Wolf (United States), in connection with the working capital fund, said he had no desire to call for yet another ballot. He withdrew the United States proposals. It was, however, a very bad thing for the Union to have recourse to a single Member (i.e. Switzerland) for financial aid, even though that country had always displayed extreme generosity to the Union.

Mr. Sterky (Sweden) proposed - and it was so decided - that the document about means of radio optical communication to increase the safety of ships and aircraft protected in wartime by the Geneva Conventions of 12 August, 1949, for the protection of war victims, should be considered by a working party made up of delegates from both conferences. That working party would be responsible for ascertaining whether the action proposed was incompatible with action already taken in connection with other communication services.

The Conference then noted that the Member of the Union hitherto known as the "Colonies, Protectorates, Overseas Territories and Territories under Mandate or Trusteeship of the United Kingdom of Great Britain and Northern Ireland" could thenceforward be called : "Overseas Territories for the International Relations of which the Government in the United Kingdom of Great Britain and Northern Ireland was responsible."

Paraguayan Proposal 146, about the layout of the parts of the Convention, will be considered section by section in the various committees directly concerned.

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CONFERENCIA ADMINISTRATIVA DE RADIOCOMUNICACIONES

Arrivées récentes et nouvelles désignations

Nominations and new arrivals

Designaciones y llegadas recientes

31. ÉTATS-UNIS D'AMÉRIQUE  
UNITED STATES OF AMERICA  
ESTADOS UNIDOS DE AMERICA

Délégué / Delegate / Delegado

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CONFERENCE DE PLENIPOTENTIAIRES  
PLENIPOTENTIARY CONFERENCE  
CONFERENCIA DE PLENIPOTENCIARIOS

Nouvelles désignations et arrivées récentes

Nominations and new arrivals

Designaciones y llegadas recientes

76. RÉPUBLIQUE ARABE UNIE  
UNITED ARAB REPUBLIC  
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Délégué / Delegate / Delegado

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Otros asuntos

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- \* Teniente Coronel Pablo Enrique COMINO
- \* Comandante Martín E. ITURRIOZ
- \* Comandante José Aldo SENESTRARI
- \* Sr. Alfredo O. PLANAS
- \* Sr. José Juan MASEDA

Experts / Consultants / Asesores

- \* Sr. Serafín Santiago GUILLANI
- \* Sr. Julio ETULAIN
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ajouter :  
add :  
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# THE MORNING ELECTRON

Vol. One - No. 70

GENEVA

Thursday, 19 November, 1959

Published throughout the Meetings of  
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## A G E N D A S

Thursday, 19 November, 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Working Group C2	Room PW - Maison des Congrès
9.30 a.m.	Committee D	Room A - Bâtiment Electoral
3 p.m.	Sub-Committee D2	Room C - Palais des Expositions
3 p.m.	Sub-Committee H1	Room G - Bâtiment Electoral
3 p.m.	Special Working Party on the International Frequency Registration Board	
followed by	Committee I	Room L - Bâtiment Electoral
3 p.m.	Committee E	Room L - Bâtiment Electoral
6.30 p.m.	Committee A	Room PW - Maison des Congrès
		Room E - Bâtiment Electoral

### ORDINARY ADMINISTRATIVE RADIO CONFERENCE

9 a.m.	Working Group 4B	Room B - Palais des Expositions
9 a.m.	Working Group 4D	Room E - Bâtiment Electoral
9 a.m.	Working Group 5A	Room F - Bâtiment Electoral
9 a.m.	Committee 6	Room C - Palais des Expositions
9 a.m.	Sub-Committee 7B	Room D - Palais des Expositions
9 a.m.	Committee 8	Room K - Bâtiment Electoral
9.30 a.m.	Working Group 3B	Room PW - Maison des Congrès
3 p.m.	Committee 4	Room A - Bâtiment Electoral
3 p.m.	Working Group 5A	Room E - Bâtiment Electoral
3 p.m.	Sub-Working Group 5B6	Room F - Bâtiment Electoral
3 p.m.	Working Group 7A7	Room D - Palais des Expositions
3 p.m.	Sub-Committee 7E	Cancelled
3 p.m.	Committee 8	Room K - Bâtiment Electoral
6.30 p.m.	Committee I	Room E - Bâtiment Electoral
9 p.m.	A Lecture by Dr. Smith-Rose	Room A - Bâtiment Electoral

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TODAY

IN THE PLENIPOTENTIARY CONFERENCE

In Committee I (Chairman : Mr. Drevet) : Proposal 1 (Italy); Documents Nos. 99 (Annex - definitions), 135 and 181 (Protocol, Res.); perhaps consideration of texts which have not been changed, either because they have not been the subject of proposals, or because the relevant proposals were rejected; texts referred back to Committee I.

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IN THE ORDINARY ADMINISTRATIVE RADIO CONFERENCE

Working Group 4D (Chairman : Mr. Sowton): report by Sub-Group 4D5 (Region 1) - Band 100-108 Mc/s (Working Document No. 769); report by Sub-Group 4D4 (Region 1) - Band 68-88 Mc/s (Working Document No. 772); report by the special Working Party 4D - allocations for radio astronomy (Working Document No. 786); further discussion of points in abeyance in connection with the two reports by the Sub-Groups considered at the fourteenth meeting (Working Document Nos. 750 and 752); draft second report by Group 4D to Committee 4 - allocations in the 27.5-235 Mc/s band.

Sub-Working Group 5B6 (Chairman : Mr. P.N. Parker): further discussion on assignments above 27.5 Mc/s, with an eye to the general matters set forth in Working Document No. 728, Annex 2, and the following extra questions : 1. Should the characteristics relative to notices in the bands above 27.5 Mc/s be shown in the I.F.R.B.'s weekly "circulars"? (Working Document No. 776, paragraph 321); 2. can regional agreements, like those entered into at The Hague for international V.H.F. maritime radiotelephony, be made world-wide ?

Committee 6 (Chairman : Mr. Mirza): summary record of the twelfth meeting (if available); report by the Chairman of Group 6A; oral report by the Chairman of Special Working Party 1; report by the Chairman of Special Working Party 4 (Documents Nos. 48 and 567, and Working Document No. 643); Appendix C (Proposal 3050, page 820.1); Recommendations 4 (Working Document No. 791) and 8; summary records of Groups 6B (Document Nos. 546, 547, and 548), and 6C (Document Nos. 503 and 540).

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IN COMMITTEE D

YET ANOTHER BALLOT; THERE IS NO CALL, IT SEEMS,  
FOR ANY CHANGE IN THE ORGANIZATION OF THE UNION

Committee D yesterday continued to discuss the question of whether major reforms were called for in the I.T.U. Numerous were those who felt constrained to speak on this exceedingly important matter which relates to the running of one of the United Nations' most important specialized agencies. The Vice-Director of the International Radio Consultative Committee said that any changes made should be very slight. Amalgamation of the special secretariat of his Committee with the General Secretariat would not save any money, and would be detrimental to efficiency. In fact, it would lead to very serious difficulties. In connection with Document No. 170, drafted by Mr. Fathy Gheith's "Devil's Gorge" Working Party, there seemed to be three schools of thought. Some there were who favoured the document, that is to say, an amalgamation of the secretariats, while others were against the conclusions and proposals set forth in the document. A third school felt that the point was one which ought to be referred back to the Administrative Council, which, with the Co-ordination Committee, would be well placed to act.

Dr. Federico Nicotera took the floor on behalf of Italy, not as Chairman of Committee D. For him, clearly, the matter was heavy with consequence for the future of the Union. He would deploy every device of rhetoric; every argument at his disposal, to persuade the Committee of the rightness of his views, arrived at after mature reflection.

In brief, he was against making the Secretary-General into a sort of little dictator, whose authority might encroach on that of the real leading spirits behind the various I.T.U. organs, and that at a time of spacial discoveries, when the Moon itself was about to be conquered, at a veritable turning-point in the history of mankind, hence at a time when the possibilities of research in all branches of the Union's activities must not be hampered by pettifogging administrative bureaucracy. The Council was and would remain the permanent representative of the Union, responsible for action in the fields of co-ordination and savings.

The proposal in Document No. 170 were put to the vote by ballot (asked for by Morocco). They were rejected by 47 votes to 21, with no abstentions. When the vote was taken, the representatives of twenty-four countries were absent.

INTRODUCTION BY DR. HAAKAN STERKY TO THE  
SERIES OF LECTURES GIVEN BY PROMINENT SCIENTISTS  
TO THE I.T.U. CONFERENCE IN GENEVA

" It affords me a great pleasure to introduce to you the first lecturer, Dr. George H. Brown, among the outstanding scientists who are assisting by coming to Geneva at their own expense and by delivering lectures on various telecommunication problems, during the I.T.U. Radio and Plenipotentiary Conferences which are now going on. But before introducing Dr. Brown I should like to give you, Ladies and Gentlemen, a very brief account of the idea underlying the decisions which have been taken with the aim of giving more publicity to telecommunications and to our Union.

" Some years ago the Director General of one of the Member Administrations of the Union began to reflect upon the shortcomings of the public relations of the I.T.U. In February this year he sent a letter on this subject to the Administrative Council of the Telecommunications Union, from which letter I beg to cite the following passage:

'Since many years I have noticed that the I.T.U. is given very poor publicity as well in the international field as on the national level in most countries. When comparing the publicity bestowed upon such international organizations as the World Health Organization (WHO) and the International Labour Organization (ILO) with that of I.T.U., I have sometimes felt a little ashamed. To avoid any misunderstanding I should like to point out that I do not in any way blame the General Secretariat or the other organs of the Union for that most unfortunate situation. In fact I think that, generally speaking, all of us who work in the telecommunication field have neglected to take appropriate steps for better public relations and better contact with the representatives of the press.

One circumstance accounting partly for the fact that the I.T.U. is very seldom mentioned in connection with international affairs and that the public interest in our achievements is so poor, may be that the telecommunication services of the world are as a whole very efficient and that since many decades, diplomats, business men and tourists take it for granted that the telegraph, telephone, telex and broadcasting services of the world function quite well.

I am, however, of the opinion that the I.T.U. has got to do something very soon to improve its public relations. Otherwise, it will be left behind in a world, where so many other international activities claim the interest of the public. Having given this matter some thought since

the Plenipotentiary Conference in Buenos Aires 1952, I have come to the conclusion that we should introduce a new idea with regard to publicity at the forthcoming Plenipotentiary Conference in Geneva and in any case, at the 1965 Plenipotentiary Conference, when the Union will celebrate its 100th anniversary.

" The proposal was received favourably by the Council at its meetings on 27 May and 10 June 1959, and the Council decided to take measures to implement the idea suggested during the 1959 Conferences in Geneva. An ad hoc group from the different prominent organs of the Union was set up under the chairmanship of Mr. John Gayer, I.F.R.B., and took the necessary steps to contact scientists from different parts of the world. The result is that during this week and next week various lectures will be given to the delegates to both Conferences. These lectures will be public, and through the good offices of Mr. Boussard, Public Relations Officer, the permanent missions to the United Nations in Geneva, representatives of the International Press Agencies, the Swiss journalists and some others have been invited to attend them. In connection with the series of lectures there will moreover be a banquet at the Hôtel des Bergues on Saturday evening, during which one of the lecturers, Sir K. S. Krishnan of India, will speak on "The Impact of Telecommunications in the Development of Nations".

" Having given this brief background information, I should like to express on behalf of the Chairmen of the Conferences and the Acting Secretary General of the Union the hope that this series of lectures will give satisfaction to the audience and start a new era in the public relations of the International Telecommunication Union.

" As I have already mentioned, the first lecture will be given by Dr. George H. Brown, Engineering Vice President of the Radio Corporation of America. Since his graduation from the University of Wisconsin, where he received his degree of Doctor of Philosophy in 1933, Dr. Brown has been active in research work in the field of antennas and wave propagation, as well as radiofrequency heating and television systems, at the RCA Laboratories in Princeton, N.J. The outstanding technical results of the development work of the RCA colour television system have to a large extent been due to Dr. Brown's creative mind and capable leadership. Dr. Brown is author of numerous articles in scientific publications from 1932 up to the present date, and he is a member of many scientific and engineering organizations, of which I may mention the New York Academy of Sciences, the Franklin Institute, the Institute of Radio Engineers, and the American Institute of Electrical Engineers.

TO-DAY'S LECTURE AND LECTURER

Dr. R. L. Smith-Rose, Director of Radio Research, Department of Scientific and Industrial Research in the United Kingdom, will give a lecture to-night at 9 p.m. in Room A of the Bâtiment Electoral on the following subject: 'Radio Propagation'. A number of lantern slides will be projected and a film will be shown during and after this lecture. Our readers will find below a short biographical sketch of to-night's lecturer.

Reginald Leslie SMITH-ROSE, C.B.E., D.Sc., Ph.D., D.I.C., A.R.C.S., M.I.E.E., F.I.R.E., F.C.G.I.

Director of Radio Research, Department of Scientific and Industrial Research, London, since 1947. Previously Superintendent, Radio Division, National Physical Laboratory, Teddington, England. Fellow of the Institute of Radio Engineers, New York, and Vice-President 1948. Vice-President, International Scientific Radio Union and Chairman, Commission II. International Chairman Study Group V, C.C.I.R., since 1951. Awarded U.K. Coronation Medals 1937 and 1953, U.S. Medal of Freedom with Silver Palm, 1947, Commander of the Order of the British Empire, 1952. Has conducted research into problems fundamental to radio applications including radio direction finding and propagation of radio waves. Has been a U.K. delegate to most C.C.I.R. Plenary Assemblies since 1937.

WORKING GROUP 5A

Document No. 730 (Rev.) outlines the subjects still to be discussed by Working Group 5A.

At its meeting yesterday morning, the group began by examining items 2a and 2b relating to the Mexican proposals concerning the establishment of a network of monitoring stations. The issue finally was referred to the drafting group 5A1 for preparation of suitable texts. Item 4c of Document No. 730 (Rev.) relating to procedure in cases of interference was then discussed and this matter was also taken over by 5A1.

To-day Working Group 5A will begin by taking up item 1(e) of Document No. 730 (Rev.) - Revised draft of Appendix 1 (Document No. DT 766 and Addendum 1) and then, if time permits, proceed to item 1(b) which is the draft of the new Article 12 (Document No. DT 633).

COMMITTEE 4

SILVER JUBILEE

We regret that no special ceremonies marked the twenty-fifth meeting of Committee 4; it would have seemed appropriate to present the Chairman, Mr. Gunnar Pedersen (Denmark), with a collection of silver Articles for his Table.

A fine spirit of mutual co-operation was displayed by the Delegates of Greece and Yugoslavia who, at the request of the Delegate of Italy, were able to reconsider their earlier decision and to withdraw their requirement for amateur services in a frequency band in which severe interference could have been caused to maritime services in the Adriatic.

There was secret ballot on the U.S.S.R. Proposal No. 1058 to extend the Tropical Zone for HF Broadcasting purposes with the result as follows: in favour - 12; against - 31; abstentions - 11. A vote by a show of hands on a proposal to include the whole of Libya in the Tropical Zone was inconclusive, the number of abstentions exceeding by more than half those taking part. This question will be further considered at a later meeting.

Administrations were, at least in a Spanish text, urged to convert their fixed service radio-telephone circuits to single sideband working by 1st January, 1959; to the relief of all present, this turned out to be a misprint for 1970.

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IN COMMITTEE 5

With Dr. Joachim (Czechoslovakia) in the Chair, Committee 5 yesterday considered Document No. 552, i.e. the report by the special working party studying the requirements of the "new and developing" countries. It has already adopted recommendations about broadcasting and the fixed services, and will continue its perusal of this document at its meeting on Saturday morning, when the general recommendations will be considered.

DISTRIBUTION OF FOLDERS

Further to a decision by the Finance Committee, each Delegate is eligible to receive two "Viria" loose-leaf folders.

LISTE DES PARTICIPANTS

LIST OF PARTICIPANTS

LISTA DE PARTICIPANTES

CONFERENCE ADMINISTRATIVE DES RADIOCOMMUNICATIONS

ADMINISTRATIVE RADIO CONFERENCE

CONFERENCIA ADMINISTRATIVA DE RADIOCOMUNICACIONES

Arrivées récentes et nouvelles désignations

Nominations and new arrivals

Designaciones y llegadas recientes

30. ESPAGNE  
SPAIN  
ESPAÑA

Délégué / Delegate / Delegado

Sr. D. Pedro GARAU MAYOL

18 rue du Grand Pré  
Genève  
T. 34 56 11

56. LIBYE (Royaume-Uni de)  
LIBYA (United Kingdom of)  
LIBIA (Reino Unido de)

Chef adjoint de la délégation / Deputy Head of the Delegation /  
Jefe adjunto de la delegación

Dr. Latrash KADRI  
Assistant P.U.S., Ministry of Communications

Hôtel Mon Repos  
131 rue de Lausanne  
Genève  
T. 32 80 10

92. UNION DES REPUBLIQUES SOCIALISTES SOVIETIQUES  
UNION OF SOVIET SOCIALIST REPUBLICS  
UNIÓN DE REPÚBLICAS SOCIALISTAS SOVIÉTICAS

Déléguée Interprète / Delegate Interpreter / Delegada Intérprete

Mme Valentine KOULBATSKAÏA

Hôtel Bali Ch. 307  
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Genève  
T. 32 14 40

Changements d'adresse  
Changes of address  
Cambios de dirección

24. CUBA

Délégués / Delegates / Delegados

Sr. Ingeniero  
Carlos ESTRADA y CASTRO

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1 rue de Berne  
Genève  
T. 32 81 00

M. Manuel GONZÁLEZ LONGORIA

Hôtel Moderne  
1 rue de Berne  
Genève  
T. 32 81 00

Autres informations  
Other information  
Otros asuntos

60. MEXIQUE  
MEXICO  
MEXICO

Délégué / Delegate / Delegado

Sr. D. Carlos NÚÑEZ ARELLANO

lire :  
read : Jefe del Departamento de Asuntos internacionales S.C.T.  
léase :

69. PAYS-BAS, SURINAM, ANTILLES NEERLANDAISES, NOUVELLE GUINÉE  
NETHERLANDS, SURINAM, NETHERLANDS ANTILLES, NEW GUINEA  
PAÍSES BAJOS, SURINAM, ANTILLAS NEERLANDESAS, NUEVA GUINEA

lire : PAYS-BAS (Royaume des)  
read : NETHERLANDS (Kingdom of the)  
léase : PAÍSES BAJOS (Reino de los)

CONFERENCE DE PLENIPOTENTIAIRES

PLENIPOTENTIARY CONFERENCE

CONFERENCIA DE PLENIPOTENCIARIOS

Nouvelles désignations et arrivées récentes

Nominations and new arrivals

Designaciones y llegadas recientes

56. LIBYE (Royaume-Uni de)  
LIBYA (United Kingdom of)  
LIBIA (Reino Unido de)

Chef adjoint de la délégation / Deputy Head of the Delegation /  
Jefe adjunto de la delegación

\*Dr. Latrash KADRI  
Assistant P.U.S., Ministry of Communications

Hôtel Mon Repos  
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Changements d'adresse  
Changes of address  
Cambios de dirección

24. CUBA

Délégués / Delegates / Delegados

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\*M. Manuel GONZÁLEZ LONGORIA

Hôtel Moderne  
1 rue de Berne  
Genève  
T. 32 81 00

28. ENSEMBLE DES ETATS et TERRITOIRES représentés  
par l'Office français des Postes et Télécommunications  
d'OUTRE-MER

GROUP OF THE DIFFERENT STATES and TERRITORIES represented  
by the French OVERSEAS Postal and Telecommunication Agency  
CONJUNTO DE ESTADOS y TERRITORIOS representados por la  
Oficina francesa de Correos y Telecomunicaciones de ULTRAMAR

Délégué / Delegate / Delegado

M. Charles RAMANITRA

Hôtel Astoria  
6 Place Cornavin  
Genève  
T. 32 10 25

Autres informations

Other information

Otros asuntos

60. MEXIQUE  
MEXICO  
MEXICO

Délégué / Delegate / Delegado

\*Sr. D. Carlos NUÑEZ ARELLANO

lire :

read : Jefe del Departamento de Asuntos internacionales S.C.T.

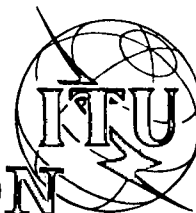
léase :

69. PAYS-BAS, SURINAM, ANTILLES NEERLANDAISES, NOUVELLE GUINEE  
NETHERLANDS, SURINAM, NETHERLANDS ANTILLES, NEW GUINEA  
PAÍSES BAJOS, SURINAM, ANTILLAS NEERLANDESAS, NUEVA GUINEA

lire : PAYS-BAS (Royaume des)

read : NETHERLANDS (Kingdom of the)

léase : PAÍSES BAJOS (Reino de los)



# THE MORNING ELECTRON

Vol. One - No. 71

G E N E V A

Friday, 20 November, 1959

Published throughout the Meetings of  
the I.T.U. Conferences

## A G E N D A S

Friday, 20 November, 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Committee D	Room A - Bâtiment Electoral
9.30 a.m.	Committee H	Room E - Bâtiment Electoral
9.30 a.m.	Sub-Committee F1	Room PW - Maison des Congrès
3 p.m.	Committee F	Room A - Bâtiment Electoral
3 p.m.	Committee G	Room E - Bâtiment Electoral
3 p.m.	Ad Hoc Working Group on Election Procedure	Office 3 - Bâtiment Electoral

### RADIO CONFERENCE

9 a.m.	Working Group 4D	Room F - Bâtiment Electoral
9 a.m.	Working Group 4G	Cancelled
9 a.m.	Working Group 5B6	Room B - Palais des Expositions
9 a.m.	Committee 7	Room D - Palais des Expositions
	followed by Sub-Committee 7A	Room D - Palais des Expositions
9 a.m.	Committee 8	Room K - Bâtiment Electoral
9 a.m.	Region 2 - 4 Ad Hoc	Room L - Bâtiment Electoral
2 p.m.	"Express" Sub-Working Group 4D	Room L - Bâtiment Electoral
3 p.m.	Committee 4	Room B - Palais des Expositions
3 p.m.	Working Group 5A	Cancelled
3 p.m.	Sub-Working Group 5A1	Room F - Bâtiment Electoral
3 p.m.	Sub-Working Group 5A2	Room L - Bâtiment Electoral
3 p.m.	Sub-Working Group 5B3	Room C - Bâtiment Electoral
	Working Groups 6B and 6C	Cancelled
3 p.m.	Working Group 7A8	Room H - Bâtiment Electoral
3 p.m.	Sub-Committee 7C	Room D - Palais des Expositions
3 p.m.	Committee 8	Room K - Bâtiment Electoral

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TODAY

PLENIPOTENTIARY CONFERENCE

Committee H (Chairman: Mr. Garrido): summary records of the fourth, fifth, sixth and seventh meetings (Documents Nos. 147, 160, 171, and 191); consolidated budget; management of the funds of the Joint International Committee for Tests relating to the Protection of Telecommunication Lines and Undergrounds Ducts (Document No. 10).

RADIO CONFERENCE

Sub-Working Group 5B3 (Chairman: Mr. Bès): examination of Document No. DT 731 (cont'd.); examination of Document No. 141 (Proposal of the United States on Appendix 12).

Sub-Working Group 7A8 (Chairman: Mr. Bradley): Proposals Nos. 2789 - 2829 (collection of Proposals); Proposal No. 5125 (Document No. 71) - see Annex to Agenda (Document No. DT 781).

Sub-Committee 7C (Chairman: Mr. Wan A. Graves): summary record of the seventeenth meeting (Document No. 583); final report by Sub-Committee 7C (if issued).

COMMITTEE D

TWO VOTES BY SHOW OF CARDS -- A SINGLE ASSISTANT SECRETARY-GENERAL

DIFFERENT NATIONALITIES FOR THE SENIOR OFFICIALS OF THE UNION

Yesterday, Committee D continued its discussions on the organization of the Union, in the course of which it took two very important decisions.

In future there will be only one Assistant Secretary-General. This decision was taken on a show of cards with 57 in favour and 4 against, with 8 abstentions.

It was then decided that five nationalities should be represented in the group of the senior officials of the Secretariat of the Union (Secretary-General, Assistant Secretary-General, Director, International Telegraph and Telephone Consultative Committee, Director, International Radio Consultative Committee, and, if there is to be one, the Vice-Director of the International Radio Consultative Committee (with or without Vice-Chairman)). This decision was also taken by a show of hands, 54 being in favour, with 9 against and 7 abstentions.

Committee D, in the indefatigable pursuit of its research, investigations and decisions, has now begun to consider the case of the Vice-Director, International Radio Consultative Committee. Discussion on the subject will continue today.

THE PROPAGATION OF RADIO WAVES

by

R. L. SMITH-ROSE, DIRECTOR

D.S.I.R. RADIO RESEARCH STATION, SLOUGH, ENGLAND

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The lecture reviewed the growth of knowledge of radio wave propagation over the past half-century, particularly from the point of view of the work of the International Telecommunication Union.

In order to transmit intelligible signals from a sending station at one place to a receiving station at another place, it is necessary to understand how the radio waves travel between the stations, either or both of which may be on land, on a ship at sea, in an aircraft or in an artificial satellite or space vehicle.

It has been necessary to study the effect of the earth's surface on the propagation of the waves over short distances. For longer distance communication the waves are bent round the curved surface of the earth in the lower atmosphere, or reflected from the electrically conducting regions in the upper atmosphere. These regions are called the ionosphere, and by successive reflections between these regions and the earth's surface, the waves can travel right round the world.

By international co-operation, over 150 observatories measure daily the conditions in the ionosphere; and the results are exchanged and used to forecast what the radio transmission conditions will be up to six months in advance. Forecast charts of world-wide conditions in March 1960 will be shown at the lecture.

The radio waves may also be scattered in all directions by irregularities in the upper and lower atmospheres. Although the scattering is much less efficient than normal reflection, it is being used for certain types of communication over distances up to about 1,500 km.

The waves may also be scattered backwards from the earth's surface and, after reflection at the ionosphere, arrive back at a point near the sending station. This back-scatter technique has been used to explore conditions in the ionosphere at points remote from the observing station. These points may not normally be accessible from the station, which usually examines conditions vertically above it.

A cinematograph film illustrating the use of this back-scatter technique for investigating the changes in the ionosphere continuously over a two-day period and out to distances of 5,000 km and more was shown at the end of the lecture.

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IN COMMITTEE 4

RADIO GASTRONOMY AND SPIRITED EXCHANGES

The proceedings of Committee 4 yesterday afternoon were enlivened by a display of wit which, while not constituting an epicurean banquet, probably deserved the term applied to it by the Chairman, Mr. Gunnar Pedersen "radio gastronomical". This started with Mr. Sowton's remarks that in introducing his report he had scotched the rumours that his group would never present a report. No doubt this stimulated Monsieur Chef of France to advertise a rival product when, in discussing the number of stars appearing in the frequency table, he considered there should be some reference to \* \* \* Cognac.

The delegates of France, Italy, and Switzerland finally concluded that they could settle their difficulties about radiosondes amicably and as we heard references during their discussion to "ballons", we hoped that the settlement may be effected with "ballons" of the cognac previously mentioned.

Mr. Sowton is to be congratulated on being the first chairman of a working group to have a report on frequency allocation accepted by the Committee.

The other main action of the afternoon was that the Committee adopted the report of the ad hoc group on future frequency allocation policy contained in Document No. 525 (Rev.). As a consequence, the ad hoc group has now been asked to present a further paper to the Committee with proposals for the constitution and organisation of the panel which is to be established. Such proposals will enable Committee 4 to give useful guidance to the Plenary Assembly and the Plenipotentiary Conference, who will have to consider this question.

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COMMITTEE 7

Committee 7 will meet tomorrow in Room D at the Palais des Expositions at 9.00 a.m. The meeting will be followed by a meeting of Sub-Committee 7A in the same room.

WORKING GROUP 5A

The work of Working Group 5A yesterday was limited to the examination of the revised draft of Appendix I of the Radio Regulations - Frequency Assignment Notice and associated Notes (Document No. DT 766 and Addendum No. 1) and the draft of Article 12 (Document No. DT 633). Detailed discussion on these two items has now been completed.

Working Group 5A will not meet again this week as it must await not only the work of 5A1 and 5A2 but is especially dependent now on the output of Working Group 5B.

The Secretary of the Conference has noted with great regret that considerable physical inconvenience has been caused to delegates by inadequate punching facilities.

Hereafter steps will be taken to supply the documents already punched.



# THE MORNING ELECTRON

Vol. One - No. 72

G E N E V A

Saturday, 21 November, 1959

Published throughout the Meetings of  
the I.T.U. Conferences

## A G E N D A S

Saturday, 21 November, 1959

### PLENIPOTENTIARY CONFERENCE

10.30 a.m.	Plenary Meeting	Room A - Bâtiment Electoral
3 p.m.	Committee 1	Room G - Bâtiment Electoral

### RADIO CONFERENCE

9 a.m.	Committee 4	Room A - Bâtiment Electoral
9 a.m.	Committee 5	Room C - Palais des Expositions
	Working Group 5A	Cancelled
9 a.m.	Committee 7	Room D - Palais des Expositions
9 a.m.	Committee 8	Room K - Bâtiment Electoral
3 p.m.	Committee 4	Room A - Bâtiment Electoral
	Working Group 5A	Cancelled
	Working Group 7A4	Cancelled
	Working Group 7A8	Cancelled
3 p.m.	Committee 8	Room K - Bâtiment Electoral
	Sub-Committee 7E	Cancelled
	Working Group 7A7	Cancelled

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TODAY  
IN THE PLENIPOTENTIARY CONFERENCE

In the Plenary Meeting: adoption of the minutes of the fourth and fifth meetings (Documents Nos. 190 and Corrigendum 1, and 192); Proposal 332 - installation of the new Council (Document No. 185); procedure for the election thereof (Document No. 193); procedure for the election of the new Secretary-General and of an Assistant Secretary-General, if appropriate (Document No. 203); report by the Special I.F.R.B. Group (Documents Nos. 210 and 207); official designation of the Member now known as "Netherlands, Surinan, Netherlands Antilles, New Guinea" (Document No. 202).

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IN THE ORDINARY ADMINISTRATIVE RADIO CONFERENCE

In Committee 4 (Chairman: Mr. Pedersen): summary records of the twenty-second, twenty-third, and twenty-fourth meetings (Documents Nos. 564, 579, and 592); consideration of the item still outstanding in Document No. 457; report by Ad Hoc Working Party 4 (Region 2), if available; report by Working Group 4G (Document No. 499 (Rev.) and Document No. 595); Federal Republic of Germany Proposal 4883 (Document No. 26); report by Ad Hoc Working Party 4 on the Expert Committee, if available.

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IN COMMITTEE D

Committee D (Chairman: Dr. Nicotera), continuing its task of considering the organization of the Union, yesterday decided to do away with the post of Vice-Director, International Radio Consultative Committee, to save money. This action was part of a United States proposal. The decision was taken by forty-three votes to six, with twelve abstentions.

Although Committee D did not have to decide on the point, it is understood that Mr. L. W. Hayes, Vice-Director of this body, will continue in office until the end of the Plenary Assembly in New Delhi (1963).

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MEETING OF COMMITTEE 4

Committee 4 will meet this morning from 09.00 to 10.30 hours in Room A (Bâtiment Electoral). If necessary, the Committee will meet again in the afternoon at 15.00 hours in Room A.

PLENARY MEETING

The Plenipotentiary Conference will meet in plenary session this morning at 10.30 hours in Room A (Bâtiment Electoral).

THE ORIENT EXPRESS

Many chairmen of committees have been described as slave drivers. In view of the decision of Working Group 4D to set up a Sub-Working Group called "4D Express", dealing with problems in central and eastern Europe, under the chairmanship of Mr. C.W. Sowton, it appears that he may claim to be No. 1 train driver of this Conference.

COMMITTEE E PRODUCES RESULTS

Thursday's meeting of Committee E started off with a couple of really fascinating addresses by the Delegates of Malaya and Japan, after which the decks were cleared for action. The action took the form of additions to the Convention, and very important additions too, for they introduced the principle of Technical Assistance among the purposes of the Union and its Consultative Committees. Articles 3 and 7 of the Convention will thus be rounded off.

Article 7 will make a very clear distinction between participation by the Consultative Committees in Technical Assistance in international relations and in national programmes. The Director, International Telegraph and Telephone Consultative Committees, felt that this provision should be understood as indicating fresh activities by the study groups.

The Committee then went on to consider three draft resolutions dealing with the Union's share in United Nations Technical Assistance activities. The first resolution calls for the entire transfer to the Union of administration of the programme of telecommunication technical Assistance. The second resolution concerns the method of financing such managerial activities, and the third lays down the future role of the Union in the execution of Technical Assistance projects under the new United Nations Special Fund for Technical Assistance.

In this way, the Committee took an important and decisive step towards the official and effective introduction of Technical Assistance in the I.T.U. However, that does not mean that its work is done, for it still has to examine some interesting proposals, suggesting, in particular, the establishment of a regular Technical Assistance programme on the lines of those already existing in most of the specialized agencies.

OF HORSES AND MEN

In the Palais des Expositions two assemblies are taking place simultaneously: that of the Radio and that of the "Hippiques". On 17 November 1959, the day when there were a lot of changes in the schedule and places of meeting, we erroneously walked into "Salle A" of the Palais des Expositions instead of "D". There we found a largely attended conference of the "Hippiques" of the most elegant category. Just in the doorway I heard the following statement from the Chairman :

"This International Conference of the 'Hippiques', after careful consideration, is of the opinion that MAN, as at present constituted, is a very inefficient and clumsy animal. Having only two supports for its body it is fairly unstable and tries to move forward only by toppling over on one support and then checking this movement by propping up on the other. It has very little wattage or Horse Power and even that he expends very inefficiently. It can hardly run at a fair speed even when 'not loaded'. A very large percentage of its long life is spent unusefully. Leaving childhood and old age aside, even the useful part of its life is mostly spent in eating, sleeping and pleasure seeking. It is unable to consume cereals in the natural form and frequently has recourse to carnivorous activities. The most strange fact is that it is unable to enjoy sleep while in movement. It is indeed the most lazy and useless animal going."

These remarks were immediately approved, endorsed and adopted with loud neighing by the members, and we quietly slipped away to Salle D, for fear of being trampled over as the delegates rose to come out, perhaps for a hay break.

I.T.U. CONFERENCE BANQUET - HÔTEL DES BERGUES

Any further reservations or tickets required must be obtained from the Information Desk before 12.00 noon, repeat 12.00 noon to-day, Saturday, 21 November. Those attending are advised to please try to arrive in time to complete seating arrangements by 8.00 p.m.

Dress optional

TODAY'S LECTURE AND LECTURER

Sir K.S. Krishnan, National Professor, and Director of the National Physical Laboratory of India will deliver one of the popular scientific lectures under the auspices of the Plenary Session of the International Telecommunication Union, at its Banquet at 9 p.m. on Saturday, 21 November. The subject of his lecture will be "Some aspects of the scientific background of Telecommunication".

He will give an account of the scientific background, particularly the work of Gauss, Maxwell, Hertz and others, to the development of the subject.

Telecommunication is a typical example of a field where international scientific co-operation is not only very desirable but necessary. He will describe the nature of the international co-operation that obtained in the various stages in the growth of the scientific background of the subject.

It is also an ideal field for close collaboration of the scientist and the technologist, the physicist and the engineer. Dr. Krishnan will illustrate this thesis with suitable examples.

\*  
\*      \*

A biographical sketch of tonight's lecturer is given below:

Sir KARIAMANIKKAM S. KRISHNAN, Kt., D.Sc., LL.D., F.R.S.

Director, National Physical Laboratory of India  
and  
National Professor

---

After a distinguished academic career as Research Associate of the Indian Association for the Cultivation of Science and Reader in Physics in the University of Dacca, Krishnan joined the Indian Association as the Mahendralal Sircar Professor of Theoretical and Experimental Physics during which period he collaborated with Sir C.V. Raman in the discovery of the Raman Effect, and did extensive work on magnetic and

optical properties of crystals. He later joined the University of Allahabad as Professor and Head of the Department of Physics, and published many original papers on electron scattering in relation to the electrical conductivity of metals and alloys. Since 1947, he has been the Director of the National Physical Laboratory of India, and is now also a National Professor. He is also an Honorary Professor in some of the Universities and his recent work extends to several aspects of solid state physics.

He has been the President of the Indian Science Congress, National Institute of Sciences of India, National Academy of Sciences of India, Indian Institute of Theoretical and Applied Mechanics, Indian Institute of Metals and of many other learned bodies. He is a member of the Indian Atomic Energy Commission and of the University Grants Commission and is a recipient of many honours, both in India and abroad. He was knighted in 1946, and was awarded the title of Padma Bhushan by the Indian Government. He has been a Fellow of the Royal Society, London, for nearly twenty years, is a Foreign Associate of the National Academy of Sciences of U.S.A. - this Associateship is restricted to about fifty scientists from outside the U.S.A.

Besides his wide interests in many branches of physics and mathematics, he is also a philosopher and a scholar, particularly of Sanskrit and Tamil classics.

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\*      \*

LISTE DES PARTICIPANTS

LIST OF PARTICIPANTS

LISTA DE PARTICIPANTES

CONFERENCE ADMINISTRATIVE DES RADIOCOMMUNICATIONS

ADMINISTRATIVE RADIO CONFERENCE

CONFERENCIA ADMINISTRATIVA DE RADIOCOMUNICACIONES

Changements d'adresse / Changes of address /  
Cambios de direccion

84. SUEDE  
SWEDEN  
SUECIA

Délégué / Delegate / Delegado

M. Sven RAHMN

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Avenue Frontenex 24  
Genève  
T. 36 80 95

Autres informations / Other information /  
Otros asuntos

90. TURQUIE  
TURKEY  
TURQUÍA

lire:  
read:  
léase:

Délégué / Delegate / Delegado

Mr. Mithat ESHER  
Radio Engineer, Technical Adviser  
Ministry of Press, Broadcasting and Tourism  
(and Mrs.)

Bd. du Pont d'Arve 22  
Genève  
T. 24 15 07

CONFERENCE DE PLENIPOTENTIAIRES

PLENIPOTENTIARY CONFERENCE

CONFERENCIA DE PLENIPOTENCIARIOS

Nouvelles désignations et arrivées récentes

Nominations and new arrivals

Designaciones y llegadas recientes

76. REPUBLIQUE ARABE UNIE  
UNITED ARAB REPUBLIC  
REPÚBLICA ÁRABE UNIDA

Président de la délégation / Head of the Delegation /  
Presidente de la Delegación

S.E. Dr. Mahmoud Mohamed RIAD  
Directeur général de l'Administration  
des Télécommunications  
Le Caire

Hôtel Suisse  
10 Place Cornavin  
Genève  
T. 33 66 30

Autres informations / Other information /  
Otros asuntos

80 TURQUIE  
TURKEY  
TURQUÍA

lire :  
read :  
léase:

Délégué / Delegate / Delegado

Mr. Mithat ESMER  
Radio Engineer, Technical Adviser  
Ministry of Press, Broadcasting and Tourism.  
(and Mrs)

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Genève  
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# THE MORNING ELECTRON

Vol. One - No. 73

G E N E V A

Monday, 23 November, 1959

Published throughout the Meetings of

the I.T.U. Conferences

## A G E N D A S

Monday, 23 November, 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Committee D	Room A - Bâtiment Electoral
3 p.m.	Committee E	Room PW - Maison des Congrès

### RADIO CONFERENCE

9 a.m.	Working Group 4D	Room C - Palais des Expositions
9 a.m.	Working Group 5A	Room F - Bâtiment Electoral
	Sub-Group 5B6	Cancelled
9 a.m.	Ad Hoc Working Party 5/6	Room L - Bâtiment Electoral
9 a.m.	Committee 7	Room D - Palais des Expositions
11 a.m.	Sub-Committee 7A	Room D - Palais des Expositions
9 a.m.	Committee 8	Room K - Bâtiment Electoral
11 a.m.	Ad Hoc Panel Working Party 4	Room E - Bâtiment Electoral
3 p.m.	Plenary Meeting	Room A - Bâtiment Electoral
5 p.m.	Committee 4	Room A - Bâtiment Electoral
3 p.m.	Working Group 5A	Room F - Bâtiment Electoral
3 p.m.	Working Party, Committee 6	Room H - Bâtiment Electoral
3 p.m.	Sub-Committee 7B	Room D - Palais des Expositions
3 p.m.	Committee 8	Room K - Bâtiment Electoral

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TO-DAY

IN THE PLENIPOTENTIARY CONFERENCE

In Committee D (Dr. Nicotera) : proposal in connection with Article 5 : 24, 25, 30, 32, 245, 33, 34, and 35, and Document No. 16; proposals of substance in connection with the General Secretariat (Article 8) : 78, 83, 84, 85, 86, 87, 251 and 252 and Document No. 16.

IN THE ADMINISTRATIVE RADIO CONFERENCE

In Plenary Meeting : minutes of the seventh plenary meeting (Document No. 558 and Corrigendum 1); procedure for election of the Members of the International Frequency Registration Board; second series of texts submitted by the Drafting Committee (Document No. 573); designation of the Member now known as "Netherlands, Surinam, Netherlands Antilles, New Guinea" (Document No. 612); draft recommendation based on Proposal 4604.

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MEETING OF SUB-COMMITTEE H1

Will delegates please note that the meeting of Sub-Committee H1 called for 1500 hours on Monday 23 November has been deferred until 0930 hours on Thursday 26 November (Room L).

A GLOSSARY OF TERMS USED IN COMMITTEES

Here, as requested by several delegates, are some terms in the Morning Electron's little glossary :

- DEFINITIONS : Odd bits of language that greatly assist in the reduction of what might otherwise be dull moments in all meetings.
- EDITORIAL CHANGE : A change of no consequence, usually of one word, that alters the entire meaning of an article and makes necessary the rewriting of 3 or 4 other articles.
- "I HAVE NO STRONG FEELING IN THE MATTER" : An expression used to indicate that you will pursue your original opinion to the death.
- PROPOSED DRAFT : Anything you want to stuff down everybody's throat.
- RE-DRAFT : A change in substance upon which nobody can agree to another change upon which no one can agree. A sort of refresher.
- SECRETARIAT : A term applied to a nebulous group of people who are rarely seen but who perform enough work, usually at night, to put Alladin's lamp to shame.
- TRANSLATION UNIT : An electric device that enables you to shut out annoying conversation when in need of a nap.
- DRAFTING GROUP : A number of unfortunate individuals who enjoy an absolute minimum of food and sleep and spend their leisure time composing unacceptable sentences.
- CHAIRMAN : Individuals who have been accorded a signal honour because of their tact, judgement, knowledge, under-standing, affability, firmness and recognized ability to reconcile the irreconcilable.
- SUB-COMMITTEE : A sort of Chairman's survival craft.

DOCUMENT SECTION

: An efficient apparatus that functions incessantly and which gives you papers by the lb.

FINAL DRAFT

: Term applied to any material that will not last through the next meeting.

RECONSIDERATION

: Something that the Committee does to any article upon which agreement has been reached.

"I AGREE IN PART, BUT.....": An expression used to indicate that the following statement will be 90° out of phase with the previous speaker.

"I AGREE PROVISIONALLY". : An expression used exclusively to indicate that you are weary of discussion and would like a cup of coffee, or a glass of beer or whisky.

"I HAVE NO PRIDE OF AUTHORSHIP".

: An expression that indicates that the speaker will deeply resent any changes in his language.

TEXT

: A combination of words upon which no one can agree, which everyone wants to change, which invariably has several meanings.

"WELL, GENTLEMEN"

: An expression used by chairmen to indicate annoyance, indecision, satisfaction and, in some cases, consternation.

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# THE MORNING ELECTRON

Vol. One - No. 74

GENEVA

Tuesday, 24 November, 1959

Published throughout the Meetings of  
the I.T.U. Conferences

## A G E N D A S

Tuesday, 24 November, 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Committee D	Room A - Bâtiment Electoral
9.30 a.m.	Sub-Committee F1	Room E - Bâtiment Electoral
3 p.m.	Commission F	Room H - Bâtiment Electoral
3 p.m.	Sub-Committee D2	Room G - Bâtiment Electoral

### RADIO CONFERENCE

9 a.m.	"Express" Working Group 4D	Room L - Bâtiment Electoral
9 a.m.	Working Group 5A	Cancelled
9 a.m.	Sub-Working Group 5A1	Room H - Bâtiment Electoral
	Committee 7	Cancelled
	Working Group 7A8	Cancelled
9 a.m.	Committee 8	Room K - Bâtiment Electoral
11 a.m.	Region 1, Working Group 5B	Room F - Bâtiment Electoral
3 p.m.	Committee 4	Room A - Bâtiment Electoral
3 p.m.	Working Group 5B	Room F - Bâtiment Electoral
3 p.m.	Working Group, Committee 6	Room L - Bâtiment Electoral
3 p.m.	Committee 7	Room D - Palais des Expositions
3 p.m.	Committee 8	Room K - Bâtiment Electoral

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"LEAVES OF BLUE GRASS" (Continued)

Mr. Charles Acton, who seems luckily to have recovered from his flu and whom we should like to inform in good time that there is plenty of snow in Quebec and Ontario and that it is therefore time to make all the necessary preparations in order to spend Christmas at home, was in the Chair yesterday at the 9th Plenary Meeting of the Administrative Radio Conference.

During this meeting it was decided that a working group including the representatives of Brazil, Ceylon, the United States of America, Ethiopia, Japan, France, the U.S.S.R., the United Kingdom and the United Arab Republic would study the procedure for electing I.F.R.B. members and also with the voting date and the geographical distribution required.

A series of blue documents were then examined. With regard to Article 3, the representative of the Belgian Congo stressed that his Administration would reserve its position since it considered national frequency requirements to be of the highest importance.

With regard to number 1053, the Delegation of Venezuela proposed and obtained the deletion of the qualifying term "tropical" concerning cyclones.

Finally, with regard to the texts relating to frequency bands for the amateur and broadcasting services, the Delegates of the United Arab Republic, Pakistan and Portugal stated that their Administrations reserved their opinions on the subject.

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IN COMMITTEE D

Yesterday, Committee D (Chairman, Mr. Nicotera) continued the examination of Proposals concerning Article 5 and Article 8.

Proposals Nos. 245 (Czechoslovakia), 34 (Ukraine S.S.R. and the U.S.S.R.) and 24 (Belgium) were adopted. Proposal No. 25 (Italy) was withdrawn. Proposal No. 35 (Italy) was adopted after considerable changes which did not, however, alter the substance of the proposal.

Proposals Nos. 78 (Federal Republic of Germany) and 84 (United States of America) were also adopted.

With regard to Proposal No. 242 (Czechoslovakia), it was considered that the problem in paragraph 1 had already been solved since it had been settled that a group of different nationalities should occupy the senior posts in the Union. It was decided that paragraphs 2 and 3 should be sent to the Drafting Committee.

ARIADNE'S CLEW

We take pleasure in informing participants in the two Conferences of an important piece of news - the birth of "the Conference child".

Our worthy colleague and friend, C.M. Cardena, whose gifts as a translator, writer and even as a poet are known to all members of the I.T.U. Secretariat and several other international organizations, is now the father of a charming baby daughter, Ariadne Avril Laura. Is it possible to imagine prettier names than these, with their evocation of pure love, spring and poetry? It may seem odd to persons of superficial intelligence that Cardena, working in a Conference dealing with communications that need no wires, no threads, no strings, should have thought of giving his child the name of Ariadne. If we had the honour of being a member of a national delegation we would no doubt agree with some of our colleagues - for example the Irish, Georgians, Greeks or Italians - to set up a working group with young Ariadne as honorary chairman.

With praiseworthy perserverance we have attended a great many discussions and we think that so many men of good will were perhaps really needing a clue - Ariadne's clew.....

We therefore hope that young Ariadne will one day gave a new Theseus the thread which will permit him to penetrate the Labyrinth of the International Minotaur, obtain there an International Frequency List and an International High Frequency Plan and bring them back to the light of day for the benefit of mankind in general and the I.T.U. in particular.

In any case it is interesting to note that when the mother of the young Aurora received the father at the clinic, she said to him: "You see, I did not want to "interfere" with your work. That's why our baby was born this sunny Sunday."

Dear little Ariadne, the day will soon come when your father will introduce you to the beauties of English, Spanish and Persian poetry... He will also teach you the finest verse in the French language :

"Ariane, ma soeur, de quel amour blessées..."

Until then, good luck to the baby of the Geneva Conferences and let us hope that she will not leave go of the guiding thread too quickly...

Dear little Ariadne, it is not the Minotaur that is dangerous, but the faithless Theseus.

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#### WORKING GROUP 5A

As the Chairman, Mr. Searle, announced, the meeting of Working Group 5A yesterday morning was purely formal. Document No. 588 (HF Broadcasting) and also appropriate sections of Documents No. 552 (Report of the Ad Hoc Group of Committee 5) were referred to the drafting group (5A1) for consideration in preparing the revised draft of Article 11, as were also proposals for certain definitions (from Committee 6) transferred to Working Group 5A by Committee 5. It had to be recognized that Document No. 588 had not yet been approved in Committee 5, and consequently amendments may have to be made later.

Further meetings of Working Group 5A have been cancelled until at least Wednesday morning. This will enable Sub-Groups 5A1 and 5A2 to complete work which must be presented to Working Group 5A.

Mr. Searle, said that he would prepare a further programme of work but in view of the Steering Committee's request that no further detailed agendas be published he asked members of Working Group 5A to come to future meetings prepared to discuss any item appearing on the new list for which documents were available from Sub-Working Groups 5A1 or 5A2.

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#### VERBATIM STATEMENTS AT PLENARIES

Delegates who wish statements made by them at Plenary meetings (of either the Radio or Plenipotentiary Conference) to be reproduced verbatim in the Minutes should send them to the Rapporteurs in Room 118, Bâtiment Electoral (Tel. Ext. 60).

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#### THE ROYAL ACADEMY OF DRAMATIC ART IN GENEVA

In view of the interest that has been expressed by delegates in theatrical productions, the following notice is brought to their attention :

THE ROYAL ACADEMY OF DRAMATIC ART, LONDON

presents

Richard Sheridan's  
immortal comedy of manners

"THE SCHOOL FOR SCANDAL"

at

the Théâtre de la Cour St Pierre - For a run of five nights :

December 7th (Mon), 8th (Tues), 9th (Wed), 10th (Thurs), and 11th (Fri).

Box Office : Théâtre de la Cour St Pierre - Tel: 25.53.37

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LISTE DES PARTICIPANTS

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CONFERENCE ADMINISTRATIVE DES RADIOCOMMUNICATIONS

ADMINISTRATIVE RADIO CONFERENCE

Arrivées récentes et nouvelles désignations

Nominations and new arrivals

Dosignaciones y llegadas recientes

54. LIBAN  
LEBANON  
LIBANO

Chef de la délégation / Head of the Delegation /  
Jefe de la delegación

M. Hassen OSSEIRAN  
Chargé d'affaires du Liban  
à Berne

Autres informations

Other information

Otros asuntos

47. ISLANDE  
ICELAND  
ISLANDIA

Chef de la délégation / Head of the Delegation /  
Jefe de la delegación

Mr. Sigurdur THORKESSON  
after the departure of Mr. G. Brien

56. LIBYE (Royaume-Uni de)  
LIBYA (United Kingdom of)  
LIBIA (Reino Unido de)

Chef adjoint de la délégation / Deputy Head of the Delegation /  
Jefe adjunto de la delegación

lire :  
read :  
léase :

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Assistant P.U.S.  
Ministry of Communications

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T. 32 95 67

502. I.F.R.B.

Membre / Member / Mienbro

Mr. Ralph E. PAGE  
(and Mrs. and Miss)

CONFERENCE DE PLENIPOTENTIAIRES

PLENIPOTENTIARY CONFERENCE

CONFERENCIA DE PLENIPOTENCIARIOS

Nouvelles désignations et arrivées récentes

Nominations and new arrivals

Designaciones y llegadas recientes

47. ISLANDE  
ICELAND  
ISLANDIA

Chef de la délégation / Head of the Delegation /  
Jefe de la delegación

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Chief Engineer of Posts and Telegraphs  
(and Mrs.)  
(to replace Mr. G. Briem)

Hôtel Cornavin  
Place Cornavin  
Genève  
T. 32 66 60

54. LIBAN  
LEBANON  
LÍBANO

Chef de la délégation / Head of the Delegation /  
Jefe de la delegación

M. Hassen OSSEIRAN  
Chargé d'affaires du Liban  
à Berne

Changements d'adresse  
Changes of address  
Cambios de dirección

76. REPUBLIQUE ARABE UNIE  
UNITED ARAB REPUBLIC  
REPUBLICA ARABE UNIDA

H. E. Dr. Mahmoud Mohammed RIAD

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Avenue Henri Dunant 6  
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T. 26 02 06

Autres informations  
Other information  
Otros asuntos

56. LIBYE (Royaume-Uni de)  
LIBYA (United Kingdom of)  
LIBIA (Reino Unido de)

Chef adjoint de la délégation / Deputy Head of the Delegation /  
Jefe adjunto de la delegación

Lire :  
read :  
léase:

Dr. Kadri LATRASH  
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Genève  
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502. I.F.R.B.

Membre / Member / Miembro

Mr. Ralph E. PAGE  
(and Mrs. and Miss)



# THE MORNING ELECTRON

Vol. One - No. 75

G E N E V A

Wednesday, 25 November, 1959

Published throughout the Meetings of  
the I.T.U. Conferences

## A G E N D A S

Wednesday, 25 November, 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Committee G	Room A - Bâtiment Electoral
9.30 a.m.	Committee H	Room E - Bâtiment Electoral
3 p.m.	Committee F	Room F - Bâtiment Electoral

### RADIO CONFERENCE

9.30 a.m.	Working Group 4D "Express"	Room L - Bâtiment Electoral
9 a.m.	Working Group 4 Ad Hoc	Room G - Bâtiment Electoral
9 a.m.	Committee 5	Room C - Palais des Expositions
9 a.m.	Sub-Committee 7A	Room D - Palais des Expositions
9 a.m.	Committee 8	Room K - Bâtiment Electoral
9 a.m.	Committees 6 and 7, Joint Group	Room H - Bâtiment Electoral
9 a.m.	I.F.R.B. Group Ad Hoc	Room 2 - Bâtiment Electoral
3 p.m.	Committee 4	Room A - Bâtiment Electoral
3 p.m.	Working Group 5B	Room E - Bâtiment Electoral
3 p.m. and 11 p.m.	Working Group 5A	Room H - Bâtiment Electoral
3 p.m.	Committee 6 Working Group	Room L - Bâtiment Electoral
3 p.m.	Sub-Committee 7B	Room D - Palais des Expositions
followed by	Committee 7	Room D - Palais des Expositions
3 p.m.	Committee 8	Room K - Bâtiment Electoral
8.30 p.m.	Sub-Committee 7A	Room D - Palais des Expositions

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TO-DAY  
AT THE PLENIPOTENTIARY CONFERENCE

In Committee H (Chairman, Mr. Garrido): summary records of the fifth, sixth, and seventh meetings of Committee H (Documents Nos. 160, 171 and 191); consolidated budget (Document No. DT 73); management of the Funds of the International Joint Committee for the Protection of Telecommunication Lines (Document No. 10); contributions in arrears mentioned in Buenos Aires Resolution No. 18 (Document No. 14, page 17).

AT THE RADIO CONFERENCE

In Committee 5 (Chairman, Mr. Joachim): examination of the summary record of the 14th meeting of Committee 5 (Document No. 598); examination of the final documents of Working Group 5B, Documents Nos. 588, 593 and 618; examination of other final documents.

MEETING OR MEETINGS OF COMMITTEE 4

Committee 4 will meet today at 3 p.m. in Room A and, if necessary, again at 8 p.m. in the same room.

THE COORDINATION COMMITTEE HAS BEEN RAISED TO THE PEERAGE

The endeavours of Mr. Sterky (Sweden) have been crowned with success, and henceforward the Coordination Committee, having been raised to the peerage, will be mentioned in the text of the Convention itself.

The Consultative Committees will be able to make proposals to Administrative Conferences.

The C.C.I.R. will make a study of operational problems specifically connected with questions of radiocommunication.

COMMITTEE E

FIDDLE-FADDLING

It was for the purpose of clarifying a number of draft resolutions and amendments to the Convention that Committee E met on Monday afternoon. The result .... work awaiting the Drafting Committee!

However, a substantial part of the meeting was devoted to the examination of a document submitted by the Delegate of Kuwait who would like to see certain changes introduced into the procedure adopted by the I.T.U. for carrying out its plans of technical assistance. To that end, a small working group was set up to define a set of new rules intended to facilitate, in particular, the management of expertmissions.

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I.T.U. CONFERENCES

We should like to remind all participants in the two Conferences that at 9 p.m. on Friday, 27 November, Mr. Maurice Ponte will speak on:

The rôle of telecommunications in scientific  
and technological research

COMMITTEE 4

HOW TO REDUCE PRESSURE IN THE BAND 4 - 27.5 MC/S

With the exception of a possible additional provision for maritime mobile purposes, Committee 4 accepted provisionally with minor amendments the report by Working Group 4C on the HF band 4 - 27.5 Mc/s (Document No. 569). The acceptance was necessarily provisional until Committee 4 will have discussed any implications or recommendations in the report from Committee 5 on the question of High Frequency Broadcasting.

The report (Document No. 630) of Committee 4 Ad Hoc Group on the composition and organisation of the special Panel which will examine ways and means of reducing pressure in the band 4 - 27.5 Mc/s was thoroughly discussed. This report, together with its parent report (Document No. 525 (Rev.)) will be sent to the Plenary Assembly together with a covering report by the Chairman, Mr. Gunnar Pedersen.

Committee 4 also adopted, with minor amendments, Document No. 449 (Rev.): the proposed Table of Allocations above this 10 500 Mc/s.

THE 4D EXPRESS

The 4D Express has still not left the station. We are not sure whether some of the passengers are having difficulty in getting aboard the train, whether the driver has not yet got the train on the right track or just what the trouble is. Another attempt will be made to raise steam and get underway at 9.30 a.m. today.



# THE MORNING ELECTRON

Vol. One - No. 76

G E N E V A

Thursday, 26 November, 1959

Published throughout the Meetings of  
the I.T.U. Conferences

## A G E N D A S

Thursday, 26 November, 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Committee D	Room A - Bâtiment Electoral
9.30 a.m.	Sub-Committee H1	Room L - Bâtiment Electoral
3 p.m.	Sub-Committee D2	Room G - Bâtiment Electoral
3 p.m.	Committee I	Cancelled
3 p.m.	Committee F	Room E - Bâtiment Electoral
3 p.m.	Committee E	Room PW - Maison des Congrès
3 p.m.	Sub-Committee H2	Office 115 - Bâtiment Electoral
6.30 p.m.	Committee A	Room E - Bâtiment Electoral

### RADIO CONFERENCE

9 a.m.	Working Group 4D "Express"	Room H - Bâtiment Electoral
9 a.m.	Committee 5	Room B - Palais des Expositions
9 a.m.	Committee 6	Room C - Palais des Expositions
9 a.m.	Committee 7	Room D - Palais des Expositions
11 a.m.	Sub-Committee 7A	Room D - Palais des Expositions
9 a.m.	Committee 8	Room K - Bâtiment Electoral
9 a.m.	"Receivers" Working Group	Room G - Bâtiment Electoral
3 p.m.	Committee 4	Room A - Bâtiment Electoral
3 p.m.	Working Group 5A	Room F - Bâtiment Electoral
3 p.m.	Working Group 6 Ad Hoc 5	Room L - Bâtiment Electoral
3 p.m.	Sub-Committee 7C	Room D - Palais des Expositions
3 p.m.	Committee 8	Room K - Bâtiment Electoral
6.30 p.m.	Committee 1	Room E - Bâtiment Electoral
8.30 p.m.	Committee 4 - if necessary -	Room A - Bâtiment Electoral

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TODAY

AT THE RADIO CONFERENCE

In Committee 6 (Chairman: Mr. Mirza): Summary records  
of the 12th and 13th meetings of Committee 6

(Documents Nos. 596 and 589); summary record of the 14th meeting of Committee 6 (if published); summary record of the 17th meeting of Working Group 6A (Document No. 591); report of Working Group 6A (Document No. 634); subdivision of Article 1; definitions for the width of antenna lobes (Document No. 626); definitions of "Emergency transmitter" and "Reserve transmitter" (Document No. 581); definitions in the Convention, the Telephone Regulations and the Telegraph Regulations (Document No. 585); report by the Chairman of Special Group No. 1; list of definitions for the Plenipotentiary Conference; report by the Chairman of Special Group No. 2; report by the Chairman of Special Group No. 5 (Document No. 484); draft recommendation (Document No. DT 640 Annex 2, and oral statement by the Chairman of Working Group 6B); E.A.R.C. Documents (Resolution No. 3, Recommendation No. 14); maritime mobile transmitter bandwidths (Document No. 460; Proposal No. 5547, Document No. 405).

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IN COMMITTEE G (PERSONNEL QUESTIONS)

As they had to study ways of improving the geographical distribution of Union staff, the delegations began by setting an example and improved geographical distribution in Committee G, which met yesterday morning with a larger attendance than usual. The draft resolution which had been submitted to the Committee will also have to be improved and re-examined on Friday. The Committee also examined the actuarial bases of the project to transfer the Union to the United Nations Joint Staff Pension Fund. This project includes certain guarantees accorded to staff by reason of benefits under the existing system and contributions that have been paid to date by the staff and the Union. The Committee concluded that these actuarial bases were sound and on this optimistic note it soon adjourned.

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COMMITTEE 4

THE PIRATE STATIONS

Committee 4 adopted a draft resolution urging administrations to ask their governments to study means of preventing the operations of "pirate" broadcast stations placed on ships in the high seas. This is necessary in the good interests of efficient frequency planning and co-ordination.

Committee 4 also adopted a draft recommendation concerning the question of international coordination in the selection of appropriate frequencies for the development of air-ground public correspondence systems, noting that some administrations are already engaged in the development of such systems.

Final consideration of the frequency bands 4-27.5 Mc/s, including the question of high frequency broadcasting, was deferred until this afternoon's meeting at 3 p.m. on the understanding that Dr. Joachim, chairman of Committee 5, would be able to give a verbal report at that time to Committee 4 on the work which had been done in his Committee on this subject.

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COMMITTEE 5

PRIORITY

At its meeting yesterday morning, Committee 5 considered Document No. 588, which is the report of Working Group 5B on the recommended High Frequency Broadcasting Frequency Management Procedure. The propositions of this document which especially concerned many delegations had to do with a recommendation contained in paragraph 7, that the 2c dates (the date of putting an assignment into use) should not be the basis of argument in resolving conflicts between administrations. When a vote was taken on a proposal by the delegate of Turkey to delete this recommendation, the deletion was adopted by 29 in favour to 16 against with 9 abstentions.

Although the tendency of the majority was to accept the frequency management procedure suggested in the document, with some amendments, discussion of the document will continue today with the question of high frequency broadcasting bands.

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WORKING GROUP 5B

PROBLEMS CONNECTED WITH THE INTERNATIONAL FREQUENCY  
LIST FOR ALL BANDS

Working Group 5B completed its work with its meeting this afternoon, after announcing that all the 5B sub-working groups had also finished their tasks, with the exception of a few points to be settled by regional groups or by restricted groups, after which their decisions will be referred directly to Committee 5 without going through the sub-groups or working group 5B.

LISTE DES PARTICIPANTS  
LIST OF PARTICIPANTS  
LISTA DE PARTICIPANTES

CONFERENCE ADMINISTRATIVE DES RADIOCOMMUNICATIONS

ADMINISTRATIVE RADIO CONFERENCE

CONFERENCIA ADMINISTRATIVA DE RADIOCOMUNICACIONES

Arrivées récentes et nouvelles désignations / Nominations and new arrivals  
Designaciones y llegadas recientes

34. FRANCE  
FRANCIA

Délégué / Delegate / Delegado

M. Jean DOUBLET  
Secrétariat général du Gouvernement  
(et Mme)

Hôtel Touring-Balance  
13, place Longemalle  
Genève  
T. 25 13 80

86. TCHECOSLOVAQUIE  
CZECHOSLOVAKIA  
CHECOSLOVAQUIA

Délégué / Delegate / Delegado

M. Zdenek SVOBODA  
Ingénieur des Télécommunications  
Ministère des Transports

Hôtel des Lions  
5 Passage des Lions  
Genève  
T. 24 75 81

Autres informations / Other information / Otros asuntos

6. AUTRICHE  
AUSTRIA

Délégué / Delegate / Delegado

lire :  
read :  
léase:

Dr Ignaz ANTON

43. INDONESIE (République d')  
INDONESIA (Republic of)  
INDONESIA (República de )

Chef adjoint de la délégation / Deputy Head of the Delegation  
Jefe adjunto de la delegación

lire :  
read :  
léase :

M. Frans LEIWAKEBESSY

.....  
Djakarta

Délégués / Delegates / Delegados

ajouter :  
add :  
añádase :

M. PRAMOTO

.....  
Djakarta

lire :  
read :  
léase :

M. R. DOMINICUS ROESBANDI  
Superintendent of Communications  
Dept. of Civil Aviation  
Djakarta

CONFERENCE DE PLENIPOTENTIAIRES

PLENIPOTENTIARY CONFERENCE

CONFERENCIA DE PLENIPOTENCIARIOS

Autres informations / Other information / Otros asuntos

43. INDONESIE (République d')  
INDONESIA (Republic of )  
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lire :  
read :  
léase :

M. Frans LEIWAKEBESSY

.....  
Djakarta



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Friday, 27 November, 1959

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## A G E N D A S

Friday, 27 November, 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Committee D	Cancelled
9.30 a.m.	Committee H	Room A - Bâtiment Electoral
9.30 a.m.	Sub-Committee D2	Room E - Bâtiment Electoral
3 p.m.	Committee C	Room E - Bâtiment Electoral
3 p.m.	Committee F	Room A - Bâtiment Electoral
3 p.m.	Committee G	Room PW - Maison des Congrès

### RADIO CONFERENCE

9. a.m.	Committee 5	Room C - Palais des Expositions
9. a.m.	Committee 7	Room F - Bâtiment Electoral
11. a.m.	Committee 7 Ad Hoc	Room L - Bâtiment Electoral
9. a.m.	Sub-Committee 7B	Cancelled
9. a.m.	Committee 8	Room K - Bâtiment Electoral
9.30 a.m.	"Receiver" Working Group	Room G - Bâtiment Electoral
3. p.m.	Committee 4	Room B - Palais des Expositions
3. p.m.	Working Group 5A	Room F - Bâtiment Electoral
3. p.m.	Working Group Committee 6	Room L - Bâtiment Electoral
3. p.m.	Committee 7	Room D - Palais des Expositions
5. p.m.	Sub-Committee 7A	Room D - Palais des Expositions
3. p.m.	Committee 8	Room K - Bâtiment Electoral
8.30 p.m.	Region 1/Working Group 5B1	Room L - Bâtiment Electoral
9. p.m.	Talk (Dr. M. Ponte)	Room A - Bâtiment Electoral

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TODAY  
AT THE PLENIPOTENTIARY CONFERENCE

In Committee H (Chairman: Mr. Garrido): summary record of the 8th meeting of Committee H (Document No. 238); consolidated budget; management of the funds of the Joint International Committee for the protection of telecommunication lines (Document No. 10); queried contributions in arrears with regard to Buenos Aires Resolution No. 18 (Document No. 14, page 17).

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IN COMMITTEE D  
THE I.F.R.B. (CONTINUED)

Yesterday Committee D (Chairman Mr. Nicotera) continued to study problems relating to the structure and organization of the Union.

As Proposal No. 61 (United States of America) had been adopted, only questions which had been approved for study by twelve administrations (in writing) could henceforth be examined in the Study Committee.

Proposal No. 65 (Sweden) was approved. An interval of at least 8 months should elapse between a plenary assembly of a Consultative Committee and the Administrative Conference concerned.

In this regard the question of the intervals between C.C.I. plenary assemblies arose. The status quo would be maintained, that is, they will normally meet at three-yearly intervals.

Proposal No. 68 (Italy) concerning the legal position of the C.C.I. Directors was referred to the working group under Mr. Daniels (United Kingdom).

The organization of the I.F.R.B. was then again discussed. Mr. Sterky (Sweden) insisted that it was necessary for each region to have an expert in the I.F.R.B. who knew all about its particular problems. A solution still had to be found to the problem raised by Proposal No. 55 (Italy). What would happen if the country of origin of a member of the I.F.R.B. ceased being a Member of the Union?

The Vice-Chairman of the I.F.R.B., Mr. Gracie, was asked to make a text on the Chairman and Vice-Chairman of the I.F.R.B.

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"MEDICO"

A DOCUMENTARY FILM ABOUT THE MARITIME MOBILE FREE MEDICAL ADVICE

SERVICE

The Chairman of Committee 7 has accepted an offer made by the Delegation of the United Kingdom to make available the British documentary film "Medico" for showing to members of Committee 7 and other Delegates who may be interested in the Maritime Service.

The film was first shown in Great Britain early this year where it received high praise, and since then it has been awarded the Italia Prize as the best documentary television film of the year. With the co-operation of the United Nations Organization, which is arranging for projection facilities, it has been possible to arrange for a showing of the film.

Made by the British Broadcasting Corporation, "Medico" typifies the action which has been taken by many maritime nations to provide free medical advice and assistance for seafarers aboard ships which do not carry a doctor. "Medico" tells the story, based on actual cases handled by the British coast stations, of how effective medical assistance is provided for a deckhand who has fallen down the hold on his ship during a storm. It shows how the coast radio station brings together hospital, medical and lifeboat services as required.

All Members of Committee 7 and others who may be interested are cordially invited to attend the showing at:

9 p.m. on MONDAY, the 30th NOVEMBER, in SALLE A

The meeting of Sub-Committee 7B on Friday morning is cancelled and the first session will be taken up at the Plenary meeting of Committee 7. In this meeting the report of Sub-Committee 7C (Article 37 etc.,) will be considered as well as any documents of Sub-Committee 7B that have become available.

THE CONFERENCE AND TODAY'S SPEAKER

Dr. Maurice PONTE, Member of the Comité Consultatif de la Recherche Scientifique de France, will speak to-night at 9 p.m. in Room A of the Bâtiment Electoral on :

"The part played by telecommunication in scientific and technological research"

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\* \*

Born in 1902, Maurice PONTE, after a secondary education at the Prytanée de la Flèche, came out first in the entrance examination for the Ecole Normale Supérieure (Science) in 1920. He obtained a physics degree in 1924 and submitted a thesis, which was accepted, for the degree of Doctor of Science on his work on the experimental verification of Louis de Broglie's theories.

He then entered industry and became laboratory director of the Compagnie Générale de T.S.F., of which he is now Vice-Chairman and Director General. From 1934 onwards, he developed the technique of radar and ultra-short waves. He established many contacts with foreign scientific circles and, in May 1940, he submitted his findings on SHF radar to the Admiralty of the United Kingdom.

After the war, Maurice Ponte transformed the laboratories under his control into a research centre, which now employs two thousand engineers and technicians. With the help of the military and civil ministries, this centre has developed a quantity of electronic material and original spare parts for telecommunication, radar, television and nuclear energy. Important research contracts are given to it by many countries, in particular the United States and India, where a complete factory has been installed with its technical assistance.

Maurice PONTE has been called upon to take part in the organization of industrial research in France. He is a member of the Scientific Council of the Commissariat à l'Energie Atomique, the Commissions spécialisées au Commissariat du Plan and, since its creation, of the Comité Consultatif de la Recherche Scientifique.

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From 4 to 5 .....

From 5 to 4 .....

Now we can see the end of the Conferences looming ahead and the necessity to decide something, even if negative, discussion is inevitably getting livelier and the usual thing in international conferences is happening - problems are being referred from one committee to another.

Committee 5 accepted Document No. 598 and was then faced with a U.S.S.R. proposal, submitted by Mr. Badalov, to the effect that out-of-band transmitters should go on operating, while the I.F.R.B. should make a more detailed study of the problems arising and Administrations should study what should be done.

Mr. Quijano Caballero (Colombia) stated that the question was not within the competence of Committee 5. Chairman Joachim did not agree. The Chairman's ruling was challenged and there was a secret vote, at the request of the United States Delegation. The views of Mr. Quijano Caballero and Mr. Miles won by 33 votes to 19, with 5 abstentions and one invalid voting slip.

Mr. Miles then submitted a proposal by the United States Delegation intended to inform Committee 4 that as regards the problem treated in Document No. 170 and taking account of:

- a) the recommendations in Document No. 652;
- b) the new procedure for the engineering of frequencies in the HF broadcasting bands (Document No. 598);
- c) the action taken by Working Group 5A for the application of these recommendations and procedures;

Committee 5 considered it unnecessary to make further changes in frequency allocation in the spectrum for the HF broadcasting services. The proposal was supported by Mexico and Brazil.

Mr. Badalov (U.S.S.R.) pointed out that the solution of the Delegation of the United States was not a solution since in fact, if it were adopted, the situation would be such as, if not worse than, it was at the beginning of the Geneva Conference. Mr. Segall (Belgian Congo) stressed the necessity of respecting the rights of the minorities, as such legal questions could not be solved by a majority but in the light of principles. That viewpoint was shared by Mr. Trifonov (Bulgaria).

The Delegate of Morocco pointed out that the proposal of the United States completely ignored the requirements of 40% of countries whose delegations to the Conference had been persistently told that they would be cared for, such care now vanishing in smoke. He asked for the views of the large minority in Committee 5 to be explained to Committee 4.

The proposal of the United States was accepted by 41 votes to 13, with 4 abstentions.

The new frequency engineering procedure adopted by 36 votes to 10, with 6 abstentions, will mean that Administrations should send the I.F.R.B. seasonal schedules for the HF broadcasting bands, based on frequencies already in the list.

During the discussion it was several times stated that goodwill and cooperation could overcome many conflicts, that all technical and operational problems should be carefully studied and that the I.F.R.B. should give its full attention to the requirements and requests of new and developing countries.

Document No. 593 (aeronautical mobile service) was accepted but for point 8, which is to be examined by Mr. Chef, Mr. Lebel and Mr. Krassnossolski.

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"At the time of going to press, Committee 4 is continuing its night meeting.

" However, it has already come to a decision on the problems in Document No. 270, which had been referred to it by Committee 5.

" Mr. Badalov (U.S.S.R.) proposed a new resolution asking the I.F.R.B. to find frequencies for the roughly 612 HF broadcasting stations operating out of band and to enable them to share with other services in the meantime. The Delegate of the United States, Mr. McIntosh, pointed out that the result of such a resolution would be to legalize the existing position, i.e., the operation of out-of-band transmitters, and to undermine the work of the I.T.U. conferences.

" The draft resolution submitted by the Delegate of the U.S.S.R., Mr. Badalov, was rejected by 33 votes to 11, with 7 abstentions."

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CONFERENCIA ADMINISTRATIVA DE RADIOCOMUNICACIONES

Arrivées récentes et nouvelles désignations

Nominations and new arrivals

Designaciones y llegadas recientes

77. REPUBLIQUE FEDERALE D'ALLEMAGNE  
FEDERAL REPUBLIC OF GERMANY  
REPÚBLICA FEDERAL DE ALEMANIA

Délégué / Delegate / Delegado

M. Alfred Franz Walter SAILOWSKI  
Colonel - Protection des frontières  
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Ministère de l'Intérieur

Hôtel International  
et Terminus  
Rue des Alpes 20  
Genève  
T. 32 80 95

Autres informations / Other information / Otros asuntos

43. INDONESIE (République d')  
INDONESIA (Republic of )  
INDONESIA (República de )

Délégué / Delegate / Delegado

lire :  
erratum: read :  
l'éase:

M. PRATOMO

Secrétaire / Secretary / Secretaria

Miss Susanne M.B. BERNHARD

Hôtel Mon Repos  
Rue de Lausanne 131  
Genève  
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CONFERENCE DE PLENIPOTENTIAIRES  
PLENIPOTENTIARY CONFERENCE  
CONFERENCIA DE PLENIPOTENCIARIOS

Autres informations / Other information / Otros asuntos

43. INDONESTIE { République d' }  
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INDONESIA { República de }

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# THE MORNING ELECTRON

Vol. One - No. 78

G E N E V A

Saturday, 28 November, 1959

Published throughout the Meetings of

the I.T.U. Conferences

## A G E N D A

Saturday, 28 November, 1959

### RADIO CONFERENCE

9 a.m.	Plenary Meeting	Room A - Bâtiment Electoral
11 a.m.	Committee 4	Room A - Bâtiment Electoral
	Working Group 5A	Cancelled
11 a.m.	Committee 7	Room E - Bâtiment Electoral
9 a.m.	Committee 6	Room K - Bâtiment Electoral
3 p.m.	Committee 4	Room A - Bâtiment Electoral
3 p.m.	Working Group 5A	Room F - Bâtiment Electoral
3 p.m.	Committee 8	Room K - Bâtiment Electoral
	Sub-Committee 7E	Cancelled

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TODAY

AT THE RADIO CONFERENCE

At the Plenary Meeting: approval of the minutes of the 8th Plenary Meeting (Document No. 619); third series of texts submitted by the Drafting Committee (Document No. 587); draft resolution relating to the date of the next Administrative Radio Conference (Document No. 613); draft recommendation arising from Proposal No. 4604 (Document No. 559 Rev.).

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WORKING GROUP 5A

Working Group 5A at its meeting on Friday morning was able to adopt and pass to Committee 5 the under-mentioned items based on the programme of work contained in Document No. DT 828:

Item 1 (f) : Document No. DT 810 and Document No. DT 810 ADD. 1

Item 1 (g) : Document No. DT 829

Item 1 (h) : Document No. DT 842

Item 1 (i) : Document No. DT 827

Documents Nos. 588 and DT 813 concerning high frequency broadcasting and the Maritime Mobile Plans respectively were accepted and passed to Sub-Working Group 5A1 for appropriate additions to the draft of Article 11.

The next meeting of Working Group 5A will take place today, Saturday, at 3 p.m. in Room F.

An attempt will be made by the Chairman of this Group to coordinate the meetings of Working Group 5A with the Chairman of Committee 5 during the coming week so as to expedite the work which remains to be done.

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COMMITTEE 5

THE COPENHAGEN PLANS

In its meeting on Friday morning, which lasted until 2 p.m., Committee 5 considered the Spanish proposal contained on page 7 of Document No. 618, which recommends that the Copenhagen plans, which do not satisfy a great many countries in the European broadcasting area, should not be considered as binding for all Member States of the Union, but that the frequency assignments contained in these plans should be transferred to the new master frequency register on a provisional basis and for information purposes only, and without giving these countries registration status as suggested in paragraph 2a of page 1 of the same document.

This proposal was opposed by some of the signatories to the Copenhagen agreement and supported by the countries in the same area but not signatories, as well as by some countries outside the European broadcasting areas. The United Kingdom, France and Italy contended that if the plan were not adopted, chaos would result in the frequency bands concerned and that the E.A.R.C. agreement of 1951 did not deal with these plans because it was presumed that the agreement went into effect in early 1950 and that the signatories were not proposing to impose the plans on the other countries.

In supporting the Spanish view, the Delegates of Germany, Portugal, Mexico and Turkey stated that the Copenhagen broadcasting plan was unjust and the Turkish Delegate added that it was so unsatisfactory that it would be impossible for the minority group to abide by the majority decision, although to some extent the minority countries observed the plan provisionally in order to prevent further chaos. Some of the countries outside Region 1, notably New Zealand, Canada and the United States, suggested that to show neutrality, since no principle was involved, they should not merely abstain but actually refrain from voting, whereas Iran, who as a matter of principle was involved in the problem, felt that it should express its view. The Delegate of Turkey suggested that countries which had no direct interest in the matter were in the best position to judge the merits of the question objectively, and should therefore express their opinion and vote.

At the end of the discussion, a roll-call vote was taken and the Spanish proposal was adopted by 20 to 17 with 5 abstentions and 6 non-participants in the voting, with 44 absentees. The matter will now be presented to the Plenary Assembly of the Radio Conference.

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## A G E N D A

Monday, 30 November, 1959

### PLENIPOTENTIARY CONFERENCE

9 a.m.	Plenary Meeting	Room A - Bâtiment Electoral
	followed by Committee 1	Room G - Bâtiment Electoral
3 p.m.	Committee H	Room E - Bâtiment Electoral
3 p.m.	Sub-Committee D2	Room G - Bâtiment Electoral

### RADIO CONFERENCE

9 a.m.	Committee 4	Room B - Palais des Expositions
9 a.m.	Committee 5	Room C - Palais des Expositions
9 a.m.	Working Group, Committee 6	Room L - Bâtiment Electoral
9 a.m.	Committee 7	Room D - Palais des Expositions
9 a.m.	Committee 8	Room K - Bâtiment Electoral
3 p.m.	Plenary Meeting	Room A - Bâtiment Electoral
	followed by Committee 4	Room A - Bâtiment Electoral
	Working Group 5A	Cancelled
3 p.m.	Committee 8	Room K - Bâtiment Electoral
8.30 p.m.	Sub-Working Group 5A1	Room H - Bâtiment Electoral
8.30 p.m.	Committee 4	Room E - Bâtiment Electoral
		(if necessary)

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TO-DAY

AT THE PLENIPOTENTIARY CONFERENCE

At the Plenary Meeting : approval of the minutes of the 6th, 7th, 8th, 9th and 10th plenary meetings (Documents Nos. 206, 212 and 214); confirmation of the decision reached by Committee D to the effect that the Secretary-General, the Secretary-General's deputy and the Directors of the O.C.Is should be of different nationality; note by the Chairman (Document No. 247).

In Committee H (Chairman Mr. Garrido) : summary record of the 9th meeting of Committee H (Document No. 265); consolidated budget - a) amendments to be made to the General Regulations (Chapter 20) and to Buenos Aires Resolution No. 6; b) ceiling of expenditure (Document No. DT 91); c) directives to be given to the Administrative Council; management of the funds of the Joint International Committee for the protection of telecommunication lines (Document No. 10); contributions in arrears under Buenos Aires Resolution No. 18 (Document No. 14, page 17).

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"MEDICO"

A DOCUMENTARY FILM ABOUT THE MARITIME MOBILE

FREE MEDICAL ADVICE SERVICE

All members of Committee 7 and others who may be interested are cordially invited to attend the showing of "MEDICO" at:

9 p.m. on Monday, the 30 November, in Salle A

The film was first shown in Great Britain early this year where it received high praise, and since then it has been awarded the Italia Prize as the best documentary television film of the year.

"Medico", made by the British Broadcasting Corporation, typifies the action which has been taken by many maritime nations to provide free medical advice and assistance for seafarers aboard ships which do not carry a doctor. "Medico" shows how the coast radio station brings together hospital, medical and lifeboat services as required.

THE MAJOR I.T.U. CONFERENCES AND PUBLIC INFORMATION

The series of lectures organized for the Radio and Plenipotentiary Conferences, at the initiative of Dr. H. Sterky, Head of the Swedish Delegation, has just come to an end with the brilliant lecture by Mr. Maurice Ponte, member of the French Conseil de la Recherche scientifique.

Below will be found the conclusion of Mr. Ponte's lecture which, we feel, gives original information and forecasts based on experiment and fact.

Speaking after Mr. Ponte, on Friday evening, Dr. Sarwate, Vice-Chairman of the Radio Conference, showed how the lectures given by Dr. George H. Brown, Dr. R.L. Smith-Rose, Sir K.R. Krishnan and Mr. Maurice Ponte have been useful, not only to those attending the conferences, but also perhaps to the man in the street and for publicising throughout the world the importance of telecommunications in general and the work of the International Telecommunication Union.

We can assure Dr. Sarwate and his colleagues that, as regards public information in general, i.e. publicity, given to the history and work of the I.T.U. and the work of the Geneva conferences, thanks to the action and efforts of Mr. J. Gayer, Member of the I.F.R.B., these lectures have been of great use since they have enabled all countries to be informed, by press and radio, of the opinions of some of the great experts who are an honour not only to their own countries but to the whole world of scientific and telecommunication research.

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Conclusion of the lecture by Mr. Maurice Ponte:

I have come to the end of a talk in which I have tried to show you how modern research and telecommunications interact. However, except as regards information where we merely touched on the problem, research has so far been presented to you in its scientific or technical aspects.

There is much more to it than this and I should like to end this talk by trying to say how. Human knowledge is being more and more transmitted by telecommunication. For instance, who can deny the importance of television in the transmission of facts, scientific or not? Who does not realise that this world-wide synchronisation of information brings to mankind facts and experiences which, although they can be uniformly interpreted from the scientific standpoint, are quite otherwise on the human plane? How varied is the response, in accordance with social status, civilization and education! Should we be absolutely satisfied with the technical beauty of our telecommunications, their speed and their drive towards perfection?

We seem to be running after a compression of the time-scale in a sort of unstable equilibrium such that the more information we transmit, the less efficient will be its use. So that it is not certain that on the whole, out of all this disorder, humanity will gain anything from the standpoint of man as such. Oppenheimer has said that specialized science leads to specialized life and specialized experience; he adds "In the broadest sense of the term perhaps" since he hesitated to push his thought to the limit.

Further, if we look at the information theory and its utilitarian object in telecommunication, we come to a law which is very nearly that of the principle of indeterminacy in quantum physics: the experience and measurements deriving therefrom have no absolute value; their results are bound up with the observer so that, for instance, the electron of an electronic microscope will never be able to detect the structure of an atom composed of similar electrons. The information transmitted by our modern telecommunications will be affected by those telecommunications, which are inseparable from its transformation into codes, bits or digits.

The great English physicist Eddington has pointed out that scientific progress would have been much quicker if man had only one sense - the ability to measure coincidences. Of course that is true, but there is so much more. Are we not at this stage with the "electronic" observation and transmission of phenomena? Will it still be permissible in a number of years to transmit the whole of what, as men, we should like to feel and understand? Language itself will have to be adapted, together with forms and customs; science will be expressed in code and not in language. This will certainly be for our material prosperity but we may wonder whether it will be a gain on the human plane. After this talk which has summarized the finest simultaneous efforts of science and telecommunication, I should like to stress that mankind should react against an obvious effect of telecommunication: the relativity of the information which is their due and disorder in knowledge. Man is slow to adapt himself, while he is submerged under new knowledge on planes that were unassimilable to former disciplines: society will be more and more moulded by telecommunication.

Let us really hope that the philosopher, student of Indian literature and philosophy, was quite wrong when he said: "After all, if science were of some use it would be much easier to be an educated man nowadays than in former times." Of course, everything depends on the meaning of "educated": should it not be a symbol showing that we are living up to our human status?

---

LEAVES OF BLUE GRASS (continued)

The Administrative Radio Conference, put through its work at top speed by Chairman Acton, who had promised to leave Room A free for Committee 4; .

- 1) examined and approved with slight changes the third series of blue sheets submitted by the Drafting Committee;
- 2) instructed the Acting Secretary-General, together with a small Working Group, to study the date of the next Administrative Radio Conference;
- 3) decided that a Working Group (Morocco, Czechoslovakia, Colombia and Mr. Gayer of the I.F.R.B.) would review the recommendation resulting from Proposal No. 4604 prepared by UNESCO and submitted to the Conference by the Delegation of Morocco.

COMMITTEE 4

At about 6.30 p.m. at the meeting on Saturday afternoon the Chairman, Mr. Pedersen, announced his departure for Copenhagen; he thanked Mr. Stewart, the Vice-Chairman, for the quiet and efficient way in which he had assisted him. He also thanked Messrs. Gayer and Iastrebov of the I.F.R.B., Mr. Matthey of the I.T.U. technical secretariat and the rapporteur for the help they had given him. He thanked the delegates for helping him in the work of the Committee, which he had found most interesting.

In tribute to the excellent manner in which Mr. Pedersen had conducted the affairs of the Committee, the delegates rose to their feet for a tumultuous round of applause which was repeated as Mr. Pedersen left Room A.

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WORKING GROUP 5A

At its 37th meeting held on Saturday afternoon, Working Group 5A discussed and agreed to pass on, amended, to Committee 5 a revised draft of Article 10 and a draft recommendation to the C.C.I.R. and Administrations concerning monitoring - Documents Nos. DT 632 and DT 825 respectively.

As very few delegates were ready to discuss the complex subject covered by Document No. DT 836 produced by Sub-Working Group 5A2, it was agreed, after Mr. Dawson (Chairman of Working Group 5A2) had introduced the subject, to take the matter up at a future meeting.

After a discussion on the work yet to be covered by Working Group 5A in the limited time available it was decided that the new draft of Article 11 (Document No. DT 776 Rev.) and Appendix 1 (Document No. DT 766) should be taken up at the meeting scheduled for Tuesday afternoon (1 December), and that an additional meeting be arranged for that evening when Document No. DT 836 with its "self-explanatory" annexes would be examined.

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NOTICE

As Dr. Ponte did not speak from a prepared text, copies of his lecture are not yet available. However, his speech has been recorded and delegates and anyone else interested may soon obtain copies from the Public Relations Office (Room 7, Bâtiment Electoral).



# THE MORNING ELECTRON

Vol. One - No. 80

G E N E V A

Tuesday, 1 December, 1959

Published throughout the Meetings of  
the I.T.U. Conferences

## A G E N D A S

Tuesday, 1 December, 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Committee D	Room A - Bâtiment Electoral
9.30 a.m.	Sub-Committee H2	Room G - Bâtiment Electoral
3 p.m.	Committee G	Room E - Bâtiment Electoral
3 p.m.	Committee E	Room PW - Maison des Congrès

### RADIO CONFERENCE

9 a.m.	Working Group 4 Ad Hoc Radioastronomy	Room H - Bâtiment Electoral
	Committee 5	Cancelled
9 a.m.	Working Group 5A	Room F - Bâtiment Electoral
9 a.m.	Sub-Committee 7B	Room D - Palais des Expositions
9 a.m.	Committee 8	Room K - Bâtiment Electoral
9 a.m.	Committee 6	Room L - Bâtiment Electoral
3 p.m.	Committee 4	Room A - Bâtiment Electoral
3 p.m.	Working Group 5A	Room F - Bâtiment Electoral
3 p.m.	Committee 6	Room C - Palais des Expositions
3 p.m.	Sub-Committee 7A	Room D - Palais des Expositions
3 p.m.	Committee 8	Room K - Bâtiment Electoral
8.30 p.m.	Working Group 5A	Room F - Bâtiment Electoral

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TO - DAY

AT THE PLENIPOTENTIARY CONFERENCE

Committee D (Chairman, Mr. Nicotera) : approval of the summary records of previous meetings; examination of the following proposals : Nos. 244, page 18, Rev. 1; 43, page 32; 48 and 49, page 37; 249, page 50 Rev. 1; 63, page 51, Rev. 1; Proposal No. 56 page 44; Report by the Vice-Chairman of the I.F.R.B. on the election of the Chairman and Vice-Chairman of the I.F.R.B.; Report by Sub-Committee D2 (Mr. Daniels).

Committee G (Chairman, Mr. Wolverson) : approval of the summary record of the 9th meeting (Document No. 252); draft Resolution; granting of a cost-of-living allowance to retired Union staff (Document No. 243); draft Report of Committee G to the Plenipotentiary Conference (Document No. 281).

Working Group H2 (Chairman, Mr. Jay): Draft of the text of the Article of the Convention relating to the Union's Finances intended to replace Article 13 of the Buenos Aires Convention (Document No. DT 73).

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AT THE RADIO CONFERENCE

Committee 6 (Chairman, Mr. Mirza): summary record of the 14th meeting of Committee 6 (Document No. 644); summary record of the 15th meeting of Committee 6; Report of Working Group 6A (Document No. 634); sub-division of Article 1 (Document No. DT 749); definitions regarding space, antennae and radiated apparent power; Report of Ad Hoc Group 6/7 concerning emergency transmitters (Document No. 672); definitions contained in the Convention, the Telephone and Telegraph Regulations (Document No. 585); Report by the Chairman of Ad Hoc Group No. 1; list of definitions for the Convention; Resolution No. 3 and Recommendation No. 14 of the E.A.R.C.

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### THE ELECTIONS

Meeting under the Chairmanship of Mr. van der Toorn, the Plenipotentiary Conference decided in plenary session:

- 1) that the candidacies already submitted to the Administrative Council for the posts of Secretary-General and Assistant Secretary-General would be regarded as having been validly received;
- 2) that candidacies for the posts of Secretary-General and Assistant Secretary-General can be received not only from Administrations, from officials of the United Nations and other specialized agencies, but also from any individual on his own behalf provided he is a national of a country Member of the Union;
- 3) that the documents concerning the elections will be published in their chronological order so as to keep members of the Conference abreast of events in the shortest possible time;
- 4) that the terms of the new Secretary-General and Assistant Secretary-General will run until the Secretary-General and Assistant Secretary-General to be elected by the Plenipotentiary Conference scheduled for 1965 take up office;
- 5) that the problems connected with the term of the present Assistant Secretary-General and the possible application of provisions regarding a retirement allowance will not be discussed before the election of the Secretary-General.

The elections for the Administrative Council will take place at 3 p.m. on 7 December. With regard to the election of the Secretary-General, the proposed dates are:

- first ballot, 8 December at 5 p.m.
- second ballot, 9 December at 9.30 a.m.
- third ballot, 9 December at 5 p.m.
- fourth ballot, 10 December, probably at 9.30 a.m. (the Regulations provide that 12 hours shall elapse between the end of vote-counting on the third ballot and the fourth ballot).

The election of the Assistant Secretary-General : 11 December.

The election of the members of the I.F.R.B. : Friday,  
11 December at 5 p.m.

---

BLUE SHEETS, WHITE SHEETS - I.F.R.B. (CONTINUED) - REPORT 664

Under the Chairmanship of Mr. Charles Acton, the Radio Conference, in Plenary Session, considered a whole series of blue sheets, but took no decision with regard to Article 14, which has to be completed before being submitted again.

Anxious not to cause Captain Booth the slightest inconvenience, Mr. Sarwate withdrew the proposal he had put forward not to indicate the bands by corresponding numbers, but by more exact indications concerning the frequencies in the bands.

With regard to the election of the members of the I.F.R.B., which will take place on Friday, 11 December, at 5 p.m., the report of the Ad Hoc Group was adopted. That is to say, the election will take place by secret ballot, the new members of the I.F.R.B. will take up their duties on 1 October, 1960 and the following will be declared elected as members of the Board :

- the three candidates with most votes in Region A;
- the two candidates with most votes in Region B;
- the two candidates with most votes in Region C;
- the candidate with most votes in Region D;
- the three candidates with most votes in Region E.

With regard to this election of the members of the I.F.R.B., the representatives of South Africa, the Belgian Congo, and Morocco stated that Region D (Africa) was not equitably represented.

It seemed to the Delegate of the United Arab Republic that the number of 8 or 13 members of the I.F.R.B. would have made it possible to have a more equitable distribution for the different regions.

The Delegates of Ethiopia and Ghana made it clear that the fact that they had accepted this election did not commit their governments for the future; it was only a question of a limited agreement for the forthcoming election.

With regard to the famous Report 664 (Future Policy Relating to the Radio Frequency Spectrum 4 - 27.5 Mc/s) it was decided that a new Working Group specially set up for the purpose should study it very attentively. The members of this Group (Ceylon, United States, Ethiopia,

France, Mexico, Pakistan, the United Kingdom, the U.S.S.R., the Acting Secretary-General or his representative, the Chairman of the I.F.R.B. or his representative, representatives of the C.C.I.R. and the C.C.I.T.T.) would be called together by the Acting Chairman of Committee 4, and they would themselves elect their Chairman. The Working Group, in studying the document and before reaching conclusions for the Radio and Plenipotentiary Conferences, would take into consideration certain extremely important remarks submitted by some delegations.

Mr. Klokov (U.S.S.R.) thought that the problem should be considered not by a committee of seven experts, but by the C.C.I.R., the C.C.I.T.T. and the I.F.R.B.

Mr. Craven (United States) observed that his delegation did not have the necessary powers to take a decision with regard to Recommendation 2 of Article 3, since its adoption might be at variance with the law of the United States, which only the Congress of that country was able to modify.

Mr. Autelli (Argentina) drew attention to the importance of the economic aspects of the problem, and Mr. Searle (New Zealand) said there was an economic question involved which went far beyond the limits of the I.T.U., and, in that connection, he suggested that the Working Group take into consideration Document No. 66 of the Plenipotentiary Conference which contained the decisions taken at Tokyo.

The Delegate of Brazil, explaining why his country had to make reservations with regard to expensive solutions, pointed out that the area of Brazil was more than 8 million sq. km., that it took 11 flying hours to go from north to south, or from east to west of the country, and that the implementation of some of the recommendations in the Report of Committee 4 could not be carried out, perhaps, in his country inside of 50 years in some cases.

The Working Group would most particularly have to consider paragraph 8 of Annex 2 concerning the salaries of experts, travel and living expenses, etc., etc. In that connection, Mr. Gracie pointed out that if such expenses arose, they should appear in the Extraordinary Budget, rather than the Ordinary Budget.

Mr. S. A. Sathar (Pakistan) said that, to solve the problem of relieving the congestion in the 4 - 27.5 Mc/s band, a world-wide agreement was necessary, and the special committee should prepare the work for an extraordinary conference.

Captain Booth (United Kingdom) pointed out that both large and small users were equally interested in solving the problem, and stated that, in his view, the I.F.R.B. was the body best qualified to study the problem with the assistance of a small group of experts - it was more qualified for such a task than the C.C.I.R.

The Head of the United Kingdom Delegation believed that the work of the new Working Group of the Geneva Conference would consist in seeing the problem as a whole, in its broad lines, without getting lost in the minor details.

In reply to a pertinent question asked by the Delegate of Turkey, Mr. Esmer, Chairman Charles Acton, and Mr. Henry, Chairman of the Drafting Committee, stated that, if all went well, it was to be hoped that the text of the new Regulations on white sheets would be ready for signature on the evening of 21 December, or the morning of 22 December.

The next plenary meeting of the Radio Conference will take place on Thursday next at 2.30 p.m. (please note - 2.30 p.m. and not 3 p.m.). Mr. Mirza recalled that the two Conferences still had to find an adequate definition for "radiotelegraphy". It was, perhaps, time to deal with that definition. Mr. Acton will, in this connection, with Chairman van der Toorn, study the best means for reaching agreement among the experts of the Radio Conference and the Plenipotentiary delegates.

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#### CIVIL AVIATION

#### VISIT TO LONDON AIRPORT

It has been suggested that on completion of their work some delegates will be returning to their home countries through London and may wish to take any opportunity this might offer to see the aeronautical services at London Airport.

The Ministry of Aviation, United Kingdom, would be very pleased to arrange for any delegates interested to be shown over the airport and any of its adjacent services in the Metropolitan Control Zone.

Any such delegates are kindly requested to get into touch with Mr. J. T. Penwarden of the United Kingdom Delegation (Box No. 82/6).

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LISTE DES PARTICIPANTS

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CONFERENCE ADMINISTRATIVE DES RADIOCOMMUNICATIONS

ADMINISTRATIVE RADIO CONFERENCE

CONFERENCIA ADMINISTRATIVA DE RADIOCOMUNICACIONES

Arrivées récentes et nouvelles désignations

Nominations and new arrivals

Designaciones y llegadas recientes

27. EL SALVADOR (République de)  
EL SALVADOR (Republic of )  
EL SALVADOR (República de )

Chef de la Délégation / Head of the Delegation/  
Jefe de la delegación

Sr. Dr. Albert AMY  
Cónsul général  
Representante permanente ante las  
Instituciones internacionales en  
Ginebra  
(y Sra)

Rue Corratorie 24  
Genève  
T. 25 33 39

72. POLOGNE (République populaire de)  
POLAND (People's Republic of )  
POLONIA (República Popular de )

Président de la délégation / Head of the delegation  
Jefe de la delegación

M. Konrad KOZLOWSKI  
Ingénieur  
Directeur général  
Ministère des Postes et des Télécom-  
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T. 32 14 40

CONFERENCE DE PLENIPOTENTIAIRES

PLENIPOTENTIARY CONFERENCE

CONFERENCIA DE PLENIPOTENCIARIOS

Nouvelles désignations et arrivées récentes

Nominations and new arrivals

Designaciones y llegadas recientes

45. IRAQ (République d')  
IRAQ (Republic of )  
IRAQ (República de )

Remplacer la liste actuelle par  
la suivante :  
Replace present list by the following :  
Reemplazar a lista actual por la siguiente :

Chef de la Délégation / Head of the Delegation/  
Jefe de la delegación

H.E. Dr. Faysal AL-SAMMIR  
Minister of Guidance

Délégués / Delegates / Delegados

- |   |  |
|---|--|
| * Brig. Muhammed Ali AL-BAGHDADY                                | Hôtel Suisse<br>Place Cornavin 10<br>Genève<br>T. 32 66 30 |
| * Mr. Ibrahim EL-WALI<br>Consul of Iraq in Geneva<br>(and Mrs.) | Consulat d'Iraq<br>Rue du Rhône<br>Genève<br>T. 26 42 20   |

72. POLOGNE (République Populaire de)  
POLAND (People's Republic of )  
POLONIA (República Popular de )

Vice-Président de la délégation / Deputy Head  
of the Delegation / Jefe adjunto de la  
delegación

M. Konrad KOZLOWSKI Ingénieur Directeur général Ministère des Postes et des Télécom- munications	Hôtel Bali Place Cornavin 8 Genève T. 32 14 40
--	---

Autres informations / Other information /  
Otros asuntos

27. EL SALVADOR (République de)  
EL SALVADOR (Republic of )  
EL SALVADOR (República de )

Chef de la Délégation / Head of the Delegation  
Jefe de la delegación

\* Sr. Dr. Albert AMY  
(y Sra)

53. LAOS (Royaume du)  
LAOS (Kingdom of )  
LAOS (Reino de )

Chef de la délégation / Head of the Delegation  
Jefe de la delegación

après le départ :  
after the departure of: S.A.R. Tiao CHANTHARANSI  
on ausencia de :

M. Georges-Henri SENGIER  
Ministère des P.T.T.  
Vientiane

Hôtel Bali



# THE MORNING ELECTRON

Volume One - No. 81

G E N E V A

Wednesday, 2 December, 1959

Published throughout the meetings of the

I.T.U. Conferences

## AGENDAS

Wednesday, 2 December, 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Committee D	Room A.-Batiment Electoral
3.00 p.m.	Committee H	Room E.-Batiment Electoral

### ADMINISTRATIVE RADIO CONFERENCE

9.00 a.m.	Working Group 5A	Room F.-Batiment Electoral
	Committee 5	Cancelled
9.00 a.m.	Working Party of Committee 6	Room L.-Batiment Electoral
9.00 a.m.	Committee 7	Room D.-Palais des Expositions
9.00 a.m.	Committee 8	Room K.-Batiment Electoral
11.00 a.m.	Plenary Ad Hoc Panel	Room E.-Batiment Electoral
11.00 a.m.	Special Working Group 4	Room G.-Batiment Electoral
3.00 p.m.	Committee 5	Room I.-Batiment Electoral
	Plenary Meeting	Cancelled
	Working Group 5A	Cancelled
3.00 p.m.	Sub-Committee 7A	Room D.-Palais des Expositions
3.00 p.m.	Sub-Committee 7E	Room L.-Batiment Electoral
3.00 p.m.	Committee 8	Room K.-Batiment Electoral
	Committee 4	Cancelled

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IN COMMITTEE D

STRUCTURE AND ORGANIZATION

The work of Committee D (Chairman: Mr. Nicotera) is steadily moving towards its close. Yesterday, it approved reports and despatched some texts to the Drafting Committee.

Having considered Proposal 56 (Sweden and the United Kingdom of Great Britain and Northern Ireland), it decided that paragraph 6 of the existing Article 6 should not appear in the new Convention. This deals with the somewhat remote possibility of a country's no longer being a Member of the Union, although a national thereof is serving as a member of the I.F.R.B.

Incidentally, a dreadful example of the straits to which the Union's reference language is reduced is afforded by a gross anglicism in this very paragraph 6 of Article 6, which says that "les fonctions de toute personne siégeant au Comité sont résignées d'office". It is gratifying to learn that the Committee is "resigned" to dropping the paragraph.

Committee D considered the document it had asked Mr. J.A. Gracie (Vice-Chairman, International Frequency Registration Board) to produce. The Chairman and Vice-Chairman of this body will go on being annually elected as before, each member taking his turn, but a suitable provision to this effect will be included in the Convention.

It was decided that a suitable adjective to qualify the secretariat of the I.F.R.B. - "appropriate", or "little", or "adequate" - would be decided on as a result of talks in bars and lobbies.

Various views were aired as to how big this little secretariat should be: some said eighty (fifty-eight plus twenty-two). No doubt something further will be said on this point to-day.

Document No. 161, containing a Mexican proposal, was referred to the Plenipotentiary Conference for the latter's views thereon.

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IN COMMITTEE ~~4~~

The second part of the table prepared by Working Group 4D was finally adopted yesterday afternoon.

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IN COMMITTEE G (STAFF)

RETIRED STAFF

Yesterday the Staff Committee settled the problem of what cost-of-living allowance should be paid to retired staff. Retired staff subject to the Atlantic City system should, it decided, enjoy a cost-of-living allowance equivalent to 12% (instead of 5%) of salaries. Those subject to the 1958 arrangements would have a 5% allowance. The decisions taken would apply with effect from 1 January, 1959.

At a later date a general adjustment will be undertaken in the light of whatever decisions are taken about the Common System.

The Committee has embarked on a discussion of its report. There has been some discussion on the question of approval by the Council of the classification of senior posts, and on "separation" allowances.

---

TELECOMMUNICATION AND PEACE

"To introduce this lecture, may I emphasize how exceedingly important telecommunication is for the progress of mankind, the improvement of conditions everywhere, and the establishment of a longing peace.

"Thanks to telecommunication we can to-day say that an old dream has been realized: we can contemplate the unknown face of the Moon. I am convinced that in telecommunication matters the cooperation between nations so often in evidence in our conferences will enable us to achieve even more ambitious ends."

M. Joachim  
Friday, 27 November, 1959

A HARD DAY FOR 5A

Working Group 5A met all day yesterday and cleared the following documents (subject to minor amendments) for consideration by Committee 5 :

- DT 776 (rev.) - Article 11
- DT 848 - Article 11a
- DT 849 (Ad.1) - Appendix 1a
- DT 851 (Ad.1) - Text to be inserted in Article 20
- DT 847 - Terminology
- Doc. 670 - Appendix 1
- DT. 858 - Draft of Regulation N° 87.

After considerable discussion of Document N° DT 836 (Report of sub-working Group 5A2), it was decided that the drafting Group (5A1) should prepare a fresh draft of Annexes 1 and 2 to the document in the light of the comments and proposals made by various delegations. These annexes will then be further examined in Working Group 5A.

---

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NETHERLANDS (Kingdom of the)  
PAISES BAJOS (Reino de los)

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403. ORGANISATION INTERNATIONALE DE RADIODIFFUSION  
ET DE TELEVISION (O.I.R.T.)  
INTERNATIONAL BROADCASTING AND TELEVISION  
ORGANIZATION (I.B.T.O.)  
ORGANIZACIÓN INTERNACIONAL DE RADIODIFUSIÓN  
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Autres informations / Other information /  
Otros asuntos /

19. COLOMBIE (République de)  
COLOMBIA (Republic of )  
COLOMBIA (República de )

Délégué / Delegate / Delegado

Capitán Antonio PINZÓN

lire :  
read :  
léase :

Representante de la  
Dirección general de Aeronáutica Civil

20. TERRITOIRES D'OUTRE-MER dont les relations inter-  
nationales sont assurées par le Gouvernement du  
ROYAUME-UNI de la GRANDE-BRETAGNE et de l'IRLANDE  
DU NORD  
OVERSEAS TERRITORIES for the international relations  
of which the Government of the UNITED KINGDOM of  
GREAT BRITAIN and NORTHERN IRELAND are responsible  
TERRITORIOS de ULTRAMAR de cuyas relaciones inter-  
nacionales es responsable del Gobierno DEL REINO  
UNIDO de GRAN BRETAÑA e IRLANDA DEL NORTE

Chef de la délégation / Head of the Delegation /  
Jefe de la delegación

Mr. Alfred Harrold SHEFFIELD  
Assistant Secretary  
Colonial Office

Délégués / Delegates / Delegados

Mr. James BOURN  
Principal  
Colonial Office

Mr. Leonard William DUDLEY  
Assistant Engineer  
General Post Office

56. LIBYE (Royaume-Uni de )  
LIBYA (United Kingdom of)  
LIBIA (Reino Unido de)

Chef de la délégation / Head of the Delegation /  
Jefe de la delegación

Mr. Muad KABAZI

remplacé après son départ par :  
replaced after his departure by :  
reemplazado por :

Dr. Kadri EL ATRASH  
Assistant Director General of  
Posts and Telecommunications  
Ministry of Communications

76. REPUBLIQUE ARABE UNIE  
UNITED ARAB REPUBLIC  
REPÚBLICA ÁRABE UNIDA

Délégué / Delegate / Delegado

lire :  
read :  
léase:

M. Abdel Fattah EL MANSY ZALAMA  
Ingénieur  
Chef de section adjoint  
Administration des Radiocommunications

CONFERENCE DE PLENIPOTENTIAIRES

PLENIPOTENTIARY CONFERENCE

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Genève  
T. 32 91 50

Autres informations / Other information /  
Otros asuntos

20. TERRITOIRES D'OUTRE-MER dont les relations internationales sont assurées par le Gouvernement du ROYAUME-UNI de la GRANDE-BRETAGNE et de l'IRLANDE DU NORD  
OVERSEAS TERRITORIES for the international relations of which the Government of the UNITED KINGDOM of GREAT BRITAIN and NORTHERN IRELAND are responsible  
TERRITORIOS de ULTRAMAR de cuyas relaciones internacionales es responsable del Gobierno DEL REINO UNIDO de GRAN BRETAÑA e IRLANDA DEL NORTE

Chef de la délégation / Head of the Delegation /  
Jefe de la delegación

\* Mr. Alfred Harrold SHEFFIELD  
Assistant Secretary  
Colonial Office

Délégués / Delegates / Delegados

- \* Mr. James BOURN  
Principal  
Colonial Office
- \* Mr. Leonard William DUDLEY  
Assistant Engineer  
General Post Office

56. LIBYE (Royaume-Uni de)  
LIBYA (United Kingdom of)  
LIBIA (Reino Unido de)

lire :  
read :  
léase :

Chef de la délégation / Head of the Delegation /  
Jefe de la delegación

- \* Dr. Kadri EL ATRASH  
Assistant Director General of  
Posts and Telecommunications  
Ministry of Communications



# THE MORNING ELECTRON

Vol. One - No. 82

G E N E V A

Thursday, 3 December, 1959

Published throughout the Meetings of  
the I.T.U. Conferences

## A G E N D A S

Thursday, 3 December, 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Committee G	Room E - Bâtiment Electoral
9.30 a.m.	Committee I	Cancelled
3 p.m.	Committee I	Room G - Bâtiment Electoral
3 p.m.	Sub-Committee H3	Room H - Bâtiment Electoral
3 p.m.	Committee E	Room PW - Maison des Congrès
6.30 p.m.	Committee A	Room E - Bâtiment Electoral

### RADIO CONFERENCE

9 a.m.	Sub-Working Group 5A1	Room H - Bâtiment Electoral
	Committee 5	Cancelled
9 a.m.	Working Group, Committee 6	Room C - Palais des Expositions
	Sub-Committee 8B	Cancelled
9 a.m.	Committee 8	Room K - Bâtiment Electoral
10.30 a.m.	Sub-Committee 7A	Room D - Palais des Expositions
<u>2.30 p.m.</u>	Plenary Meeting	Room A - Bâtiment Electoral
3 p.m.	Committee 8	Room K - Bâtiment Electoral
After the Plenary	Working Group 5A	Room F - Bâtiment Electoral
After the Plenary	Plenary Group Ad Hoc Panel	Room E - Bâtiment Electoral
	Committee 4	Cancelled
	Sub-Committee 7A	Cancelled
6.30 p.m.	Committee I	Room E - Bâtiment Electoral

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COMMITTEE D

Under the Chairmanship of Mr. Nicotera, Committee D yesterday continued its work relating to the structure and organization of the Union.

The Regulations will not after all contain any text laying down procedure for the election of the Administrative Council, since Mr. Sterky (Sweden) withdrew his Proposal to that effect.

The Committee first examined the Report by Sub-Committee D2 (Chairman : Mr. Daniels), adopting its principal provisions set out in Documents Nos. 289 and 290. The Committee rejected a Canadian Proposal seconded by the United States by 40 votes to 19 with 6 abstentions, thus deciding that the Assistant Secretary-General will automatically replace the Secretary-General until the following plenipotentiary conference should his post fall vacant. The Administrative Council will then nominate an assistant for the Acting Secretary-General. During examination of the Gracie draft resolution (on yellow paper) concerning the I.F.R.B., the Delegate of the Belgian Congo suggested that there was perhaps no need for any such draft resolution. When it was put to the vote, his view was supported by the majority of 26 to 16, with 12 abstentions.

All that Committee D, therefore, now has to do is to consider Proposal No. 58 of the United States, so that it can decide about the somewhat nebulous question of a specialized Secretariat for the International Frequency Registration Board.

COMMITTEE 5

The Twenty-first Meeting of Committee 5 examined the Fifth Report by Working Group 5B on the plan and lists for the maritime mobile service between 4 and 27.5 Mc/s (Document No. 676). The Document was approved with certain modifications. In some cases it has not been possible to coordinate new allocations, and the subject will be referred to again when the blue documents come up for study.

The Committee also approved Document No. 685, the sixth and Final Report by Working Group 5B, and in particular two Annexes, one concerning bands below 3,950 kc/s (4000 kc/s in Region 2) and the draft recommendation for the bands between 4 and 27.5 mc/s for which there is as yet no plan.

The Committee also adopted the new version of No. 87 (RR) and a recommendation to the International Radio Consultative Committee and to Administrations concerning international monitoring in frequency bands below 28,000 kc/s (Document No. 702).

LETTER FROM THE MAILBAG

STRESS EVERYWHERE

Sir,

May I quote verbatim from recent paragraphs in a reputable newspaper:-

".... physician .... said stress was everywhere. Often it was the spice of life. But it could cause ill health, including peptic ulcer, coronary thrombosis or clotting in a large artery of the heart, high blood pressure, skin disorders and asthma.

He quoted from a pamphlet he had received from ..... that for those wishing to be a member of the Coronary Club there were certain rules. No. 1 rule was "Work evenings, Saturdays and Sundays and holidays".

Do not let any personal considerations interfere with your job. Take your briefcase home on the evenings you do not work at ..... and provide an opportunity to review all the troubles, problems and worries of the day.

Accept all invitations to parties, banquets and committee meetings. Do not eat restful relaxing meals. Always plan a conference for the meal hour. Take telephone calls throughout lunch and dinner ....."

Is there not a moral in this? Would a proposal on the following lines be supported and, seeing no objection from the floor, be adopted?  
Quote:-

Title    ADD    Duration of Conference

1959    MOD    Too much should not be attempted in too short a time.

No proposal is valid without a sponsor. The proposer comes from the administration of PISCES and is pleased to sign.

ROLIAS

THE FEDERATION OF RHODESIA AND NYASALAND  
REPRESENTED AT THE PLENIPOTENTIARY  
CONFERENCE

The Prime Minister and Minister of External Affairs of the Federation of Rhodesia and Nyasaland has just informed the Acting Secretary-General of the I.T.U. by cable that he has appointed Mr. Hayden Wayne Roberts to act as his representative of his country at the Plenipotentiary Conference of Geneva. Written confirmation follows.

WORKING GROUP 5A

Working Group 5A yesterday morning adopted for transmission to Committee 5 Document No. DT 857 (Draft Recommendations by Committee 5 regarding the requirements of new and developing countries) and Document No. DT 852 (as amended by Document No. DT 859) with the exception of Annexes 3 and 4.



# THE MORNING ELECTRON

Vol. One - No. 83

GENEVA

Friday, 4 December, 1959

Published throughout the Meetings of  
the I.T.U. Conferences

## A G E N D A S

Friday, 4 December, 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Sub-Committee H3	Room PW - Maison des Congrès
9.30 a.m.	Committee E	Room E - Bâtiment Electoral
	Committee I	Cancelled
10.30 a.m.	Committee D	Room A - Bâtiment Electoral
3 p.m.	Committee H	Room E - Bâtiment Electoral
3 p.m.	Committee G	Room F - Bâtiment Electoral

### RADIO CONFERENCE

9 a.m.	Committee 4	Room A - Bâtiment Electoral
	Committee 5	Cancelled
10.45 a.m.	Working Group 5A	Room F - Bâtiment Electoral
9 a.m.	Working Group - Committee 6	Room L - Bâtiment Electoral
9 a.m.	Committee 7	Room C - Palais des Expositions
9 a.m.	Committee 8	Room K - Bâtiment Electoral
3 p.m.	Committee 5	Room A - Bâtiment Electoral
	Working Group 5A	Cancelled
3 p.m.	Committee 6	Room C - Palais des Expositions
3 p.m.	Sub-Committee 7A	Cancelled
3 p.m.	Committee 8	Room K - Bâtiment Electoral
8.30 p.m.	Plenary Meeting	Room A - Bâtiment Electoral
	(Blue documents - Series 8)	

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TO-DAY

PLENIPOTENTIARY CONFERENCE

Committee D (Chairman, Mr. Nicotera): consideration of summary records of previous meetings; Proposal No. 58, page 47.

Committee G (Chairman, Mr. W.A. Wolverson): consideration of the draft report by Committee G to the Plenipotentiary Conference (Document No. 281) (continued); consideration of the second draft report by Committee G to the Plenipotentiary Conference.

RADIO CONFERENCE

Committee 4 (Acting Chairman, Mr. Stewart): summary records of the 32nd, 33rd, 34th, 35th, 36th and 37th meetings (Documents Nos. 684, 741, and 743 to 746 inclusive); International Protestant Transmitter (Document No. 417); terms and references (Document No. 724 - with the possible deletion of paragraph 2, taking into account Document No. 631).

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COMMITTEE D

Today's meeting of Committee D will be at 10.30 a.m., instead of 9.30 a.m. in Room A, Bâtiment Electoral.

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"FAST FALL THE LEAVES OF AUTUMN SERE...."

The Radio Conference, with Mr. Charles J. Acton in the chair, yesterday continued its examination of the blue documents, bundles of which are being turned out with astonishing speed by the Drafting Committee, under Mr. André Henry.

---

WORKING GROUP 5A

Working Group 5A met for 45 minutes yesterday afternoon following the Plenary Meeting and adopted for transmission to Committee 5 Document No. DT 860 (Draft Resolution relating to the application of Article 11a) and Document No. DT 862 (Amendment to Appendix 1 concerning the notification of television broadcasting frequencies in Region 1).

Working Group 5A will meet again this morning at 10.45 a.m.

---

LISTE DES PARTICIPANTS

LIST OF PARTICIPANTS

LISTA DE PARTICIPANTES

CONFERENCE ADMINISTRATIVE DES RADIOCOMMUNICATIONS

ADMINISTRATIVE RADIO CONFERENCE

CONFERENCIA ADMINISTRATIVA DE RADIOCOMUNICACIONES

Changements d'adresse / Changes of adress /  
Cambios de direccion

7. BELGIQUE  
BELGIUM  
BELGICA

Secrétaire de la délégation / Secretary of the  
Delegation / Secretario de la delegacion

M. Robert TASTENOY

Hôtel de Russie  
Quai du Mont Blanc 2  
Genève  
T. 32 64 55

22. COREE (République de)  
KOREA (Republic of )  
COREA (Republica de )

Délégués / Delegates / Delegados

Mr. Joon Shik CHOI

Hôtel Beau-Site  
Place du Cirque 3  
Genève  
T. 24 24 43

Mr. Kil Sik KIM

Mr. In Kwan LEE

Mr. Byung Kee MIN

49. ITALIE  
ITALY  
ITALIA

Délégué / Delegate / Delegado

M. Renato SESSA

Hôtel Montrillant  
Rue Montbrillant 2  
Genève  
T. 33 77 84

CONFERENCE DE PLENIPOTENTIAIRES

PLENIPOTENTIARY CONFERENCE

CONFERENCIA DE PLENIPOTENCIARIOS

Nouvelles désignations et arrivées récentes

Nominations and new arrivals

Designaciones y llegadas recientes

80. RHODESIE ET NYASALAND (Fédération)  
RHODESIA AND NYASALAND (Federation of)  
RHODESIA Y NYASALAND (Federacion de)

Chef de la délégation / Head of the Delegation /  
Jefe de la delegacion

Mr. Hayden Wayne ROBERTS

Changements d'adresse / Changes of address /  
Cambios de direccion

60. MEXIQUE  
MEXICO  
MEXICO

Secrétaire / Secretary / Secretario

Sr. D. Joel GALVÁN TALLEDOS

Rue Saint Laurent 4  
1er étage  
Genève  
T. 36 60 42

Autres informations / Other information /  
Otros asuntos

45. IRAQ (République d')  
IRAQ (Republic of )  
IRAQ (Republica de )

biffer :  
delote :  
suprimase :

H.E. Dr. Faysal AL-SAMIR  
Minister of Guidance

lire :  
read :  
léase :

Chef de la délégation / Head of the Delegation /  
Jefe de la delegacion

\* Brig. Muhammed Ali AL-BAGHDADY



# THE MORNING ELECTRON

Vol. One - No. 64

G E N E V A

Saturday, 5 December, 1959

Published throughout the Meetings of  
the I.T.U. Conferences

## A G E N D A S

Saturday, 5 December, 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Sub-Committee H3	Room E - Bâtiment Electoral
9.30 a.m.	Committee 1	Room G - Bâtiment Electoral
3 p.m.	Plenary Meeting	Room A - Bâtiment Electoral

### RADIO CONFERENCE

9 a.m.	Plenary Meeting	Room A - Bâtiment Electoral
	Committee 6	Cancelled
	Committee 7	Cancelled
9 a.m.	Committee 8	Room K - Bâtiment Electoral
9 a.m.	Ad hoc Working Group 1	
	Committee 6	Room L - Bâtiment Electoral
3 p.m.	Working Group 5A	Cancelled
3 p.m.	Committee 7	Room D - Palais des Expositions
3 p.m.	Committee 8	Room K - Bâtiment Electoral

Sunday, 6 December, 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Committee 1	Room G - Bâtiment Electoral
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### RADIO CONFERENCE

9.30 a.m.	Plenary Meeting	Room A - Bâtiment Electoral
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TODAY

PLENIPOTENTIARY CONFERENCE

Plenary Meeting : first series of texts submitted by the Drafting Committee (Document No. 219) ; proposal concerning Article 47 (Document No. 227) ; designation of the Member hitherto known as "Group of the Different States and Territories represented by the French Overseas Postal and Telecommunication Agency". (Document No. 261) ; report of Committee C/3 - contributions of countries represented by Delegations having the status of observers (Document No. 274) ; draft resolution concerning Proposal No. 290 (Document No. 275) ; letter from the Head of the Delegation of the Hashemite Kingdom of Jordan (Document No. 287) ; methods of radioelectrical and optical communications for increasing, in time of armed conflict, ... (Document No. 303) ; draft Additional Protocol to the Convention (Document No. 316).

---

COMMITTEE D HAS FINISHED ITS WORK

Committee D concluded its work at a short meeting of twenty minutes, after completing a very arduous task.

Mr. Miles (United States of America) said that there was no reason to maintain Proposal No. 58 submitted by his delegation in view of the decisions taken by the Radio Conference in regard to Article 10 of the Regulations, and the fact that the Plenipotentiary Conference had adopted the text of the reply given by the Radio Conference to the second question asked of it.

Mr. Gracie, Vice-Chairman of the I.F.R.B., said that the I.F.R.B. had a very efficient secretariat and that it had for long used the most modern methods of organization and mechanization for the registration of the 500,000 assignments entered in the Master Radio Frequency Record as well as the monitoring observations (40,000 a month). It seemed, however, that the I.F.R.B. secretariat would have to be strengthened if it was to meet all its ever-increasing obligations to Administrations and in particular to the Administrations of the new and developing countries.

Before the closure of the Committee, Mr. El Bardai paid a tribute, which was warmly applauded, to the wisdom, competence and patience of the Chairman, Mr. Nicotera, who had himself paid tribute to the work, by night and day, of the Rapporteur, Mr. Chassignol, and of his colleague and collaborator, Mr. Dupouy.

---

COMMITTEE E

TECHNICAL ASSISTANCE. FINANCING TELECOMMUNICATIONS.

ASIA AND THE FAR EAST. OUTER SPACE.

Discussion at Thursday's meeting of Committee E revolved about procedure for carrying out I.T.U. programmes. The working group consisting of Mr. Fathy Geith, Mr. Skerrett and Mr. Symonds, the representative of the United Nations Technical Assistance Board, submitted a draft laying down the procedure to be followed in drawing up an I.T.U. technical assistance project. The Committee adopted the document, and its main points will be included in the revised booklet describing methods to be followed by the I.T.U. in carrying out its technical assistance programme.

There was an exchange of views concerning proposals put forward by the Vice-Chairman, Mr. Núñez, calling for a system for financing national telecommunication projects.

At Friday's meeting, Committee E considered the following questions :

- financing the development of telecommunication ;
- the situation in Asia and the Far East ;
- outer space

If the Plenary Assembly passes it, a Resolution of the Plenipotentiary Conference will instruct the Secretary-General to study the possibility of financing the development of telecommunication with investments to be obtained from appropriate intergovernmental and private bodies. When duly informed, the Administrative Council will be able to take whatever steps it considers justified, providing the Union is not involved in any financial operations and that there will be no resultant expenditure to be debited to its budget.

The Committee took note of the Recommendations made by the joint Conference held at Tokio by the I.T.U. and the Economic Commission for Asia and the Far East, after which it soared for a moment into the realms of outer space to come back to earth with the Radio Conference., which will be requested to advise on the draft resolution dealing with future telecommunication in that new "Region".

---

COMMITTEE H

THE NEW ARTICLE 13 IS ADOPTED

Under the Chairmanship of Mr. Garrido, Committee H yesterday adopted the text of the new Article 13 concerning the finances of the Union.

---

COMMITTEE G (PERSONNEL)

"ALL'S WELL THAT ENDS WELL"

Committee G finished its work yesterday. It approved the two reports in which it recommends the adoption of decisions which are of the greatest importance for the staff of the Union.

Most of the speakers had spent long hours discussing alignment with the staff conditions of the United Nations Common System in the Administrative Council, and they finally decided that they had "played shuttlecock" with the problem long enough and that it was now safe to "take the plunge." Assimilation is thus recommended and, moreover, for 1 January 1960 - which would seem to promise a Happy Christmas for the Head of Personnel.

Mr. W.A. Wolverson, the Chairman, was universally eulogized. The words of praise spoken by the Chairman of the Staff Association must have been particularly welcome to him.

-----  
COMMITTEE 5

Committee 5 approved the new text of Article 11 at its meeting of Friday afternoon, and then continued its night work.

-----  
DR. METZLER IN HOSPITAL

It is with great regret that we have learned, and have to inform you, that Dr. Metzler, Director of the C.C.I.R., has had to go into hospital suddenly to undergo a very serious brain operation.

As we go to press, we are told that Dr. Metzler's condition seems to be satisfactory.

NEW EDITION OF THE LIST OF PARTICIPANTS

A new - and last - edition of the List of Participants in the Administrative Radio Conference is now being printed and will be distributed shortly.

Any changes in the List of Participants after the proofs of the last edition have been corrected will be brought to the attention of participants by the MORNING ELECTRON.

Participants are therefore requested to note such changes as far as the Administrative Radio Conference is concerned, so as to bring the last edition of the list up to date after it has been distributed.

FINALE FOR 5A

A MAMMOTH TASK WELL PERFORMED

At its last meeting on Friday morning, Working Group 5A adopted the undermentioned documents (with slight amendments) for transfer to Committee 5:-

- DT 867 - Draft Resolution relating to intership frequencies in the bands between 1 605 and 3 600 kc/s in Region 1.
- DT 863 - Amendments necessary to Documents Nos. DT 766 (rev.) and DT 725.
- DT 864 - Amendments to Documents Nos. DT 851 and DT 734
- DT 865 - Recommended text for inclusion in Article 47
- DT 868 - Resolution relating to certain entries in the M.R.F.R. in the bands below 27 500 kc/s.
- DT 866 - Draft of suggested changes to Article 11 to take into account the adoption by Committee 5 of the Spanish resolution relating to MF Broadcasting Stations in the European region.

Working Group 5A has completed its task, and at the conclusion of the meeting the Delegate of Turkey expressed a high tribute to the Chairman, Mr. Searle (New Zealand) who has guided the group through its forty-two meetings. This tribute was supported by long and sustained applause.

On behalf of the group, Mr. Searle conveyed thanks and appreciation to the drafting group (5A1) chaired by M. Henry and later by M. Place, both of the French Delegation. This group had been charged with the responsibility throughout all proceedings of 5A of putting into logical phrases the conclusions which had developed from the seemingly interminable discussions in the group. They had held 50 meetings and on occasions worked long into the night on numerous occasions and had performed a mammoth task

---

COMMITTEE 4

"UNACCUSTOMED AS I AM TO PUBLIC SPEAKING ...."

At its 38th meeting on Friday morning, Committee 4 virtually completed its work; all that now remains is to hold a brief transactional meeting some time next week for the purpose of approving the outstanding summary records.

At the end of the meeting, the Chairman, Mr. Stewart, drew attention to the fact that the Rapporteur would be leaving Geneva on Sunday, 6th December, and thanked him for the zealous way in which he had produced the summary records; this was greeted with applause from the delegates.

In reply, the Rapporteur Mr. Bourne, referred to the many meetings through which he had sat silently and thanked the Chairman and the delegates for their kindness. He attributed his success to the guidance and support which he had at all times received from Mr. Pedersen, the Chairman and Mr. Stewart, the Acting Chairman. He would not say that it had been a pleasant task, largely because he was not trained for it, nor were his radio interests sufficiently broad for him to have that detailed a knowledge about services other than civil aviation, which would appear to be necessary correctly to perform the job. Speaking from experience of some 16 or 17 international conferences, of which this was the only one under the auspices of the I.T.U, he offered a suggestion which he believed to be worthy of serious consideration by those concerned in the organisation of future radio conferences of the Union..This was that the main committees of these conferences should be provided with technical secretaries drawn from the permanent secretariat of the Union rather than with rapporteurs derived from the delegations. He pointed out that this was the standard practice in most international organisations, including the other specialised agencies of the United Nations, and earnestly recommended that this idea be given serious study.

In conclusion, he said that it had been a great pleasure and privilege to serve under the direction of both Mr. Stewart and Mr. Pedersen. He hoped to have the opportunity to do so again ... but not as a rapporteur!

"Because of greater communications, there is an increasing awareness of the vast extent of human experience."

Thornton Wilder

LISTE DES PARTICIPANTS

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CONFERENCE ADMINISTRATIVE DES RADIOCOMMUNICATIONS

ADMINISTRATIVE RADIO CONFERENCE

CONFERENCIA ADMINISTRATIVA DE RADIOCOMUNICACIONES

Arrivées récentes et nouvelles désignations

Nominations and new arrivals

Designaciones y llegadas recientes

54. LIBAN  
LEBANON  
LIBANO

Chef de la délégation / Head of the Delegation /  
Jefe de la delegación

M. Hassan OSSEIRAN  
Chargé d'affaires  
Ambassade du Liban  
à Berne (et Mme)

c/o M. El-Kouche  
Rue de Lausanne 123  
Genève  
T. 32 75 02

CONFERENCE DE PLENIPOTENTIAIRES

PLENIPOTENTIARY CONFERENCE

CONFERENCIA DE PLENIPOTENCIARIOS

Nouvelles désignations et arrivées récentes

Nominations and new arrivals

Designaciones y llegadas recientes

54. LIBAN  
LEBANON  
LIBANO

Chef de la délégation / Head of the Delegation /  
Jefe de la delegación

\* M. Hassan OSSEIRAN  
Chargé d'affaires  
Ambassade du Liban  
à Berne (et Mme)

c/o M. El-Kouche  
Rue de Lausanne 123  
Genève  
T. 32 75 02

80. RHODESIE ET NYASSALAND (Fédération)  
RHODESIA AND NYASALAND (Federation of)  
RHODESIA Y NYASALAND (Federación de)

Chef de la délégation / Head of the Delegation / Jefe de la delegación

Mr. Hayden Wayne ROBERTS  
1st Secretary to Rhodesia House  
London W.C.2

Hôtel d'Angleterre  
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Genève  
T. 32 81 80



# THE MORNING ELECTRON

Vol. One - No. 85

G E N E V A

Monday, 7 December, 1959

Published throughout the

I.T.U. Conferences

## A G E N D A S

Monday, 7 December, 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Committee H	Room E - Bâtiment Electoral
9.30 a.m.	Committee I	Room G - Bâtiment Electoral
3 p.m.	Sub-Committee H3	Room E - Bâtiment Electoral
3 p.m.	Committee I	Room G - Bâtiment Electoral
5 p.m.	Plenary Meeting	Room A - Bâtiment Electoral

### RADIO CONFERENCE

9 a.m.	Plenary Meeting	Room A - Bâtiment Electoral
9 a.m.	Committee 8	Room K - Bâtiment Electoral
3 p.m.	Plenary Meeting	Room A - Bâtiment Electoral
3 p.m.	Committee 8	Room K - Bâtiment Electoral
5 p.m.	Ad Hoc Working Group 1	Room L - Bâtiment Electoral
	Committee 6	

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### PLENIPOTENTIARY CONFERENCE

The Plenipotentiary Conference met in plenary session under the Chairmanship of Mr. van der Toorn on Saturday, to begin its examination of the first series of texts submitted on the blue sheets.

The Conference decided that the Proposals submitted by the Delegation of Paraguay and reproduced in Document No. 16, which call for revision and re-arrangement of the International Telecommunication Convention, should be considered by the Administrative Council, which will then inform the next Plenipotentiary Conference of its findings.

It was also decided that the Chairman should send the President of the International Red Cross Committee a letter advising him that the draft agreement concerning those means of communication, both radio and optical, affording increased security in times of armed conflict for vessels and aircraft protected by the Geneva Convention for the Protection of War Victims contained nothing running counter to the International Telecommunication Convention.

### RADIO CONFERENCE

The Radio Conference continued its examination of the eighth series of texts submitted by the Drafting Committee, when it met in plenary session on Saturday morning, under the Chairmanship of Mr. Charles J. Acton. It further approved the draft Recommendation based on Proposal No. 4604, on the production of cheap, mass-produced, efficient radio receiver sets. The Proposal, which has been frequently amended, comes from U.N.E.S.C.O., and was submitted by the Delegation of Morocco.

#### A NEW NAME FOR A MEMBER-STATE

The entity hitherto known as the "Group of the Different States and Territories represented by the French Overseas Posts and Telecommunications Agency" will henceforward be known as: "Overseas States of the French Community and French Overseas Territories".

#### ARRIVAL IN GENEVA OF DELEGATE OF NEPAL

Mr. J.N. Singha has arrived at the I.T.U. Conference as a delegate of Nepal to the Radiocommunications and Plenipotentiary Conference.

WHEN THE ELECTORAL BUILDING REALLY LIVES UP  
TO ITS NAME :

Here we are at last, on the eve of the elections! The Electoral Building will now be able, at long last, to justify its name.

This week we - if we may express ourselves thus - will at last be able to vote. This is the moment so eagerly awaited by all, especially by those who have hitherto somewhat obviously displayed a rather tepid interest in the whole thing.

To-day, Monday, the Administrative Council will be elected at five o'clock. To-morrow, Tuesday, at five o'clock, there will be a first ballot for the post of Secretary-General. Friday next, at five o'clock, the Radio Conference will elect the eleven members of the "International Frequency Registration Board."

Here are the candidates for the twenty-five seats available in the Administrative Council:

Region A (The Americas) - 6 seats:

Argentine Republic  
Brazil  
Canada  
Republic of Colombia  
Cuba  
United States  
Mexico  
Paraguay  
Uruguay  
Republic of Venezuela

Region B (Western Europe) - 6 seats:

Spain  
France  
Greece  
Ireland  
Italy  
Federal Republic of Germany  
United Kingdom of Great Britain and  
Northern Ireland  
Sweden  
Swiss Confederation

Region C (Eastern Europe and Northern Asia) - 3 seats:

Federal People's Republic of Yugoslavia

Czechoslovakia

Union of Soviet Socialist Republics

Region D (Africa) - 4 seats:

Belgian Congo and Territory of Ruanda-Urundi

Overseas States of the French Community and  
French Overseas Territories

Ethiopia

Ghana

Kingdom of Morocco

United Arab Republic

Federation of Rhodesia and Nyasaland <sup>1)</sup>

Tunisia

Union of South Africa and Territory of  
South West Africa

Region E (Asia and Australasia) - 6 seats:

Afghanistan

Commonwealth of Australia

China

Republic of India

Republic of Indonesia

Iran

Republic of Iraq

Japan

Hashemite Kingdom of Jordan

Pakistan

Republic of the Philippines

---

<sup>1)</sup> A telegram received from the Federation of Rhodesia and Nyasaland stated that that country was a candidate on the understanding that the provisions of paragraphs 2-6 and 10 of Article 5 of the Buenos Aires Convention will not be materially altered by the Conference now in session.

THE I.T.U. GENEVA SUNDAY SCHOOL.  
LEAVES OF BLUE GRASS (CONTINUED)

Under the Leadership of indefatigable Chairman Charles ACTON the Radiocommunication Conference worked all day Sunday examining, amending and accepting series of "blue documents".

After the adoption of the 8th series of these documents Captain Ch. F. BOOTH, Head of the United Kingdom Delegation, made an important statement which can be summarized as follows :

Document No. 683 contains the first results of the prime task which this conference has been charged to perform, namely, the replanning of the radio spectrum to meet the needs of the future. In view of the great endeavours that have been made to complete this task the United Kingdom Delegation regrets that it must register dissatisfaction with the results achieved in the band 70 to 130 kc/s. It will be recalled that the United Kingdom proposed allocations on a world-wide basis to meet the present and future needs of all classes of radionavigation in the band 70 to 90 and 110 to 130 kc/s. However, as the Table now stands the allocations in these bands for Region 2 implicitly exclude any provisions for aeronautical radionavigation. The United Kingdom Delegation believes it to be wrong in principle to impose an artificial restriction upon the use of frequencies in a band where in practice the accepted technique are equally applicable for ships and aircraft, and therefore that the limitation is unrealistic. In the light of these considerations the United Kingdom finds the position very unsatisfactory, the more so because the decisions reached could be construed as restricting the eventual selection of a long-range aid.



# THE MORNING ELECTRON

Vol. One No. 86

G E N E V A

Tuesday, 8 December, 1959

Published throughout the  
I.T.U. Conferences

## AGENDAS

Tuesday, 8 December, 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Committee II	Room E - Bâtiment Electoral
3 p.m.	Sub-Committee H3	Room E - Bâtiment Electoral
3 p.m.	Committee I	Room G - Bâtiment Electoral
5 p.m.	Plenary Meeting (Election of Secretary-General)	Room A - Bâtiment Electoral

### RADIO CONFERENCE

	Plenary Meeting	Cancelled
9 a.m.	Committee 8	Room E - Bâtiment Electoral
2.30 p.m.	Plenary Meeting	Room A - Bâtiment Electoral
3 p.m.	Committee 8	Room K - Bâtiment Electoral
5 p.m.	Ad Hoc Working Group 1 Committee 6	Room L - Bâtiment Electoral

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WHEN THE ELECTORAL BUILDING REALLY LIVES UP TO ITS NAME (Contd.)

"LES JEUX SONT FAITS, RIEN NE VA PLUS"

Naturally enough, Room A was crowded with participants, spectators and the curious when Chairman van der Toorn opened the first of the meetings at which elections will take place.

The Chairman explained all the necessary details of procedure, such as how to use the pink voting slips folded in four, the pencils and pens provided, the cubicles and the ballot box. He appointed the representatives of Peru, the Vatican City, Poland, Sudan and Ceylon to act as tellers, and took note that the Republic of Ghana would vote on behalf of the Republic of Guinea and that the Representative of the People's Republic of Bulgaria would vote on behalf of Albania. After a final and moving tribute paid by the Chairman to the retiring Council, whose last few minutes of office were ticking out, the vote took place, with the following results:

Region A (Americas) - 6 seats:

Argentine Republic - 74 - elected  
Brazil - 82 - elected  
Canada - 51 - elected  
Republic of Colombia - 41 - elected  
Cuba - 31  
United States of America - 69 - elected  
Mexico - 76 - elected  
Paraguay - 19  
Oriental Republic of Uruguay - 38  
Republic of Venezuela - 20

Region B (Western Europe) - 6 seats :

Spain - 48 - elected  
France - 74 - elected  
Greece - 28  
Ireland - 27  
Italy - 73 - elected  
Federal Republic of Germany - 62 - elected

Region B (Western Europe) - 6 seats (Continued)

United Kingdom of Great Britain and Northern Ireland - 52 - elected

Sweden - 43

Swiss Confederation - 65 - elected

Region C (Eastern Europe and Northern Asia) - 3 seats :

Federal People's Republic of Yugoslavia - 76 - elected

Czechoslovakia - 66 - elected

Union of Soviet Socialist Republics - 68 - elected

Region D (Africa) - 4 seats :

Belgian Congo and Territory of Ruanda Urundi - 46

Overseas States of the French Community and French Overseas  
Territories - 15

Ethiopia - 51 - elected

Ghana - 23

Kingdom of Morocco - 56 - elected

United Arab Republic - 57 - elected

Tunisia - 49 - elected

Union of South Africa and Territory of South-West  
Africa - 36

Region E - (Asia and Australasia) - 6 seats:

Afghanistan - 28

Commonwealth of Australia - 49 - elected

China - 49 - elected

Republic of India - 62 - elected

Republic of Indonesia - 35

Iran - 49 - elected

Republic of Iraq - 21

Japan - 73 - elected

Hashemite Kingdom of Jordan - 33

Pakistan - 40

Republic of the Philippines - 47 - elected

RADIO CONFERENCE

RADIOPOSITIONING AND THE 4 - 27.5 Mc/s BAND

The Radio Conference has got to the stage where it no longer makes any distinction between days of rest and working days. It is indefatigably plodding through the blue documents, pausing only to enable electors to carry out the duties entrusted to them by their respective Governments.

Adoption of the twelfth series of blue documents was delayed somewhat by the repeated and dogged attempts of the Delegate of Cuba, who appeared as a veritable Don Quixote in the field of definitions again endeavouring to obtain more exact details about radiopositioning although everyone is well aware that Committee 6 has already put out an official definition.

Discussion has already begun and will continue to-day on the report by the special group dealing with instructions to be issued for the use of the 4 - 27.5 Mc/s band. The Representatives of Denmark, the United Kingdom, Argentina, Mexico, Pakistan and India stated right away that they approved the conclusions reached by the Working Group under the Chairmanship of Mr. Gabriel Tedros (Ethiopia). Speakers stressed the seriousness of the matter at a time of steadily mounting requests for frequencies and Mr. Pedersen said right out that any solution of the problem would have to be worked out stage by stage, with a complete change of outlook.

Various speakers paid tribute to the efforts and initiative of Mr. Pedersen, Chairman of Committee 4, who made the first attempt to present concrete proposals for the solution of a problem which is still one of the most difficult in the field of radio.

---

TODAY - ELECTION OF THE SECRETARY-GENERAL - ROOM A, 5 p.m.

The candidates for the post of Secretary-General are:

Mr. Shoukry ABAZA  
Mr. Fathy GHEITH  
Mr. Gerald C. GROSS  
Mr. C.A. McFARLANE  
Mr. M. N. MIRZA  
Mr. Santiago QUIJANO CABALLERO  
Mr. Jean ROUVIERE

COMMITTEE E

Committee E of the Plenipotentiary Conference will meet on Thursday afternoon in Room F, at 3 p.m.

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COMMITTEE 6

On Friday last Committee 6 went into recess having completed its task. Ad Hoc groups under three Working Group Chairmen remain to deal with any items referred to Committee 6 by other committees or by a plenary meeting.

---

LISTE DES PARTICIPANTS

LIST OF PARTICIPANTS

LISTA DE PARTICIPANTES

CONFERENCE ADMINISTRATIVE DES RADIOCOMMUNICATIONS

ADMINISTRATIVE RADIO CONFERENCE

CONFERENCIA ADMINISTRATIVA DE RADIOCOMUNICACIONES

Arrivées récentes et nouvelles désignations

Nominations and new arrivals

Designaciones y llegadas recientes

62. <sup>1</sup>  
NEPAL  
NEPAL

Chef de la délégation / Head of the Delegation / Jefe de la delegación

Mr. Jharendra Narayan SINGHA  
First Secretary  
Royal Nepalese Embassy  
London W.C.8

Hôtel du Rhône  
Quai Turrettini  
Genève  
T. 32 70 40

Changements d'adresse / Changes of address / Cambios de dirección

82. ROYAUME-UNI DE LA GRANDE-BRETAGNE et de  
l'IRLANDE DU NORD  
UNITED KINGDOM OF GREAT BRITAIN and  
NORTHERN IRELAND  
REINO UNIDO DE GRAN BRETAÑA e IRLANDA DEL NORTE

Délégué / Delegate / Delegado

Mr. F. BURROWS  
Assistant Legal Adviser

Hôtel Beau-Rivage  
Quai du Mont-Blanc 13  
Genève  
T. 32 64 80

Autres informations / Other information / Otros asuntos

6. AUTRICHE  
AUSTRIA

Délégué / Delegate / Delegado

Lire :  
read :  
léase :

M. Gottfried CASPAR

28. ENSEMBLE DES ETATS ET TERRITOIRES représentés  
par l'Office français des Postes et Télécommu-  
nications d'OUTRE-MER  
GROUP OF THE DIFFERENT STATES and TERRITORIES  
represented by the French OVERSEAS Postal and  
Telecommunications Agency  
CONJUNTO DE ESTADOS y TERRITORIOS representados  
por la Oficina francesa de Correos y Telecomu-  
nicaciones de ULTRAMAR

Remplacer le nom du Membre par :  
Replace the name of the Member by :  
Reemplazar el nombre del Miembro por :

ETATS D'OUTRE-MER de la COMMUNAUTE ET TERRITOIRES  
FRANCAIS D'OUTRE-MER  
OVERSEAS STATES OF THE FRENCH COMMUNITY and FRENCH  
OVERSEAS TERRITORIES  
ESTADOS DE ULTRAMAR de la COMUNIDAD y TERRITORIOS  
FRANCESES DE ULTRAMAR

CONFERENCE DE PLENIPOTENTIAIRES

PLENIPOTENTIARY CONFERENCE

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l'IRLANDE DU NORD  
UNITED KINGDOM OF GREAT BRITAIN and  
NORTHERN IRELAND  
REINO UNIDO de GRAN BRETAÑA e IRLANDA  
DEL NORTE

Délégué suppléant / Alternate Delegate / Suplente Delegado

\* Mr. F. BURROWS  
Assistant Legal Adviser

Hôtel Beau-Rivage  
Quai du Mont-Bland 15  
Genève  
T. 32 64 80

Autres informations / Other information / Otros asuntos

28. ENSEMBLE DES ETATS ET TERRITOIRES représentés  
par l'Office français des Postes et Télécommu-  
nications d'OUTRE-MER  
GROUP OF THE DIFFERENT STATES and TERRITORIES  
represented by the French OVERSEAS Postal and  
Telecommunications Agency  
CONJUNTO DE ESTADOS y TERRITORIOS representados  
por la Oficina francesa de Correos y Telecomu-  
nicaciones de ULTRAMAR

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Replace the name of the Member by :  
Reemplazar el nombre del Miembro por :

ETATS D'OUTRE-MER de la COMMUNAUTE ET TERRITOIRES  
FRANCAIS D'OUTRE-MER  
OVERSEAS STATES OF THE FRENCH COMMUNITY and FRENCH  
OVERSEAS TERRITORIES  
ESTADOS DE ULTRAMAR de la COMUNIDAD y TERRITORIOS  
FRANCESES DE ULTRAMAR



# THE MORNING ELECTRON

Vol. One - No. 87

GENEVA

Wednesday, 9 December, 1959

Published throughout the

I.T.U. Conferences

## A G E N D A S

Wednesday, 9 December, 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Plenary Meeting (Election of the Secretary-General)	Room A - Bâtiment Electoral
11 a.m.	Sub-Committee H3	Room E - Bâtiment Electoral
11 a.m.	Committee I	Room G - Bâtiment Electoral
3 p.m.	Committee C	Room E - Bâtiment Electoral
3 p.m.	Committee I	Room G - Bâtiment Electoral
5 p.m.	Plenary Meeting (Election of the Secretary-General)	Room A - Bâtiment Electoral

### RADIO CONFERENCE

9 a.m.	Committee 8	Room K - Bâtiment Electoral
11 a.m.	Plenary Meeting	Room A - Bâtiment Electoral
2.30 p.m.	Committee 7	Room D - Palais des Expositions
3 p.m.	Committee 8	Room K - Bâtiment Electoral
3 p.m.	Plenary Meeting	Room A - Bâtiment Electoral
3 p.m.	Working Group (Latin American Plan)	Room H - Bâtiment Electoral
5 p.m.	Ad Hoc Working Group I (Committee 6)	Room G - Bâtiment Electoral
8.30 p.m.	Plenary Meeting	Room A - Bâtiment Electoral

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TODAY

AT THE PLENIPOTENTIARY CONFERENCE

In Committee C/Committee 3 (Chairman Mr. Darnell) : approval of the summary record of the fourth meeting of the Joint Committee (Document No. 327 (PC) and Document No. 766 (ARC)); expenditure by 30 November and approximate estimated expenditure of the International Telecommunication Conferences, Geneva, 1959 (Document No. 328 (PC) and Document No. 767 (ARC)); list of participants in the expenses of the International Telecommunication Conferences, Geneva, 1959 (Document No. 329 (PC) and Document No. 768 (ARC)); publication of the Final Acts of the Radio and Plenipotentiary Conferences. Decision to be taken as to the share of the printing costs to be borne by each Conference, in accordance with part F of Resolution No. 83 (amended) of the Administrative Council (Document No. 330 (PC) and Document No. 769 (ARC)).

AT THE RADIO CONFERENCE

Committee 3 - see above

In Committee 7 (Chairman Mr. Ehnle) : joint ship-to-ship and ship-to-coast frequencies (Document No. 804); report by Working Group 7E (Document No. 775).

THE ELECTORAL BUILDING REALLY LIVES UP TO ITS NAME (CONTINUED)

Election of the Secretary-General - First round

The first vote for the election of the Secretary-General gave the following results :

Out of 87 votes with 1 abstention, i.e. 86 votes :

Mr. Shoukry ABAZA	1
Mr. Pathy GHEITH	15
Mr. Gerald C. GROSS	17
Mr. C.A. McFARLANE	12
Mr. M.N. MIRZA	10
Mr. Santiago QUIJANO CABALLERO	12
Mr. J. ROUVIERE	19

Thus a second vote will be necessary this morning at half-past nine.

AND THE TELECOMMUNICATION JOURNAL?

The editors of the Telecommunication Journal often notice the signatures of well-known telecommunication personalities at the bottom of accounts of conferences, congresses, study groups, etc., and also interesting articles in reviews published in widely varying languages. Could those personalities not be persuaded, from time to time, to send a contribution to the Telecommunication Journal, which would be happy to publish it for the benefit of readers throughout the world?

The Telecommunication Journal is the ITU monthly information publication and it will continue to be regularly issued by the General Secretariat.

The Finance Committee, set up by the present Plenipotentiary Conference, has recently studied the case of the Journal which is still causing some misgivings to those responsible for its publication. This Committee submitted a draft recommendation to obtain closer and better cooperation from the Members and Associate Members of the Union than in the past.

The Editorial Board, which has always wished to widen the Journal's reading public, would also like to take advantage of the present conferences to draw the attention of the delegates and observers present in Geneva to the existence of the Journal and recommend them to subscribe to it if they cannot always have it available.

The Editorial Board will always be pleased to receive articles on suitable subjects covering any of the many aspects of the vast field of telecommunication.

It goes without saying, although there is no harm in saying it, that such articles will be paid for.

The Editorial Board hopes that this appeal, through the "Morning Electron"\*, will be favourably welcomed.

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\*Editorial Note: "Ephemeral and somewhat quixotic publication, the intentions of which are sometimes radically misunderstood and whose days are luckily henceforth counted." L.B.

RADIO CONFERENCE

In Plenary Meeting yesterday afternoon, the Radio Conference ended its examination of Document No. 774, which was approved with slight amendments.

---

MEETINGS OF COMMITTEE 5

The meetings of Committee 5 scheduled for Wednesday 9 December have been cancelled. The Committee will meet on Thursday afternoon at 3 p.m. in Room A.

---

NEW ISSUE OF THE LIST OF PARTICIPANTS

A new - and final - issue of the list of participants in the Plenipotentiary Conference is now being printed and will shortly be distributed.

Any amendments to be made to the list after the proofs of this last issue have been corrected will be brought to the attention of participants by THE MORNING ELECTRON.

Participants are therefore requested, as from now, to take such modifications into consideration, as regards the Plenipotentiary Conference, in view of the correction of this last issue when it has been distributed.

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# THE MORNING ELECTRON

Vol. One - No. 88

GENEVA

Thursday, 10 December, 1959

Published throughout the

I.T.U. Conferences

## AGENDAS

Thursday, 10 December, 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Committee I	Room G - Bâtiment Electoral
11.00 a.m.	Plenary Meeting (Election of the Deputy Secretary-General)	
3.00 p.m.	Plenary Meeting	Room A - Bâtiment Electoral
3.00 p.m.	Committee H	Room A - Bâtiment Electoral
	Committee E	Room E - Bâtiment Electoral cancelled
3.00 p.m.	Committee I	Room H - Bâtiment Electoral
6.30 p.m.	Committee A	Room E - Bâtiment Electoral

### RADIO CONFERENCE

9.00 a.m.	Committee 4	Room A - Bâtiment Electoral
9.00 a.m.	Sub-Committee 7B	Room D - Palais des Expositions
9.00 a.m.	Committee 8	Room K - Bâtiment Electoral
3.00 p.m.	Plenary Meeting	cancelled
3.00 p.m.	Committee 5	Room C - Palais des Expositions
3.00 p.m.	Committee 8	Room K - Bâtiment Electoral
6.30 p.m.	Committee I	Room E - Bâtiment Electoral
8.30 p.m.	Plenary Meeting	Room A - Bâtiment Electoral

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TODAY  
AT THE RADIO CONFERENCE

In Committee 5 (Chairman: Mr. Joachim): examination of the summary records of the 15th, 17th, 18th, 19th, 20th, 21st, 22nd, 23rd and 24th Meetings of Committee 5; procedure for the approval of the summary record of the 25th Meeting of Committee 5.

In Sub-Committee 7B (Chairman: Mr. Billington): approval of the summary records of the 21st, 22nd, 23rd, 24th, 25th, 26th, 28th, 29th and 30th Meetings (Documents Nos. 761, 762, 783, 784, 785, 787, 788, 789 and 790).

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NEW ISSUE OF THE LIST OF PARTICIPANTS

A new - and final - issue of the List of Participants in the Administrative Radio Conference and the Plenipotentiary Conference will shortly be distributed.

With regard to the Administrative Radio Conference,

Sections 1, 2, 3 and 4 are completely new and should thus replace the previous issue.

In Section 5,

Section 5/1 Rev.1 should be replaced by Section 5/1 Rev.2  
and Section 5/2 Rev.1     "     "     "     " Section 5/2 Rev.2

In Section 6,

Section 6/2/1 Rev.2     "     "     "     " Section 6/2/1 Rev.3  
and Section 6/2/2 Rev.2     "     "     "     " Section 6/2/2 Rev.3

With regard to the Plenipotentiary Conference, Sections A, B and C are entirely new and will thus completely replace the previous issue.

---

ELECTIONS (CONTINUED AND NOT ENDED)

Elections for the post of Deputy Secretary-General will take place today at 11 a.m. in Room A. The two candidates are:

Mr. Fathy GHEITH (Egypt)  
Dr. Manohar Balaji SARWATE (India)

AT THE ADMINISTRATIVE RADIO CONFERENCE

The Administrative Radio Conference which met yesterday morning in a Plenary Meeting, with Mr. Charles Acton as Chairman:

- approved proposals by the Drafting Committee with regard to the presentation of the future Radio Regulations;

- examined the draft text drawn up by the Secretariat concerning telecommunications and the peaceful uses of space vehicles. The Conference decided that the text should be replaced by the proposal submitted during the Meeting by the Delegation of the United Kingdom and supported by the Delegation of the United States. The new text would be submitted to the Conference on blue sheets;

- gave its approval to the contents of the statement submitted by the Delegation of the Federal Republic of Germany in Document No. 794 with regard to preparations for the future Special Regional Conference indicated in Document No. 722;

- noted the communication of the Chairman of the Plenipotentiary Conference concerning Article 6 of the new Convention;

- approved the Minutes of the Eleventh Meeting and the draft letter to the Chairman of the Plenipotentiary Conference with regard to the requirements of new countries and those in the course of development and the series of recommendations on this matter appearing in Document No. 652. It was pointed out for the information of the Plenipotentiary Conference that a small group of engineers should be set up within the framework of the specialized Secretariat of the I.F.R.B. with the precise aim of providing new countries or those in the course of development with information and technical data required by them including detailed explanations on the Radio Regulations, in such a way as to enable them to choose and obtain the frequency assignments suitable for their circuits.

\*  
\* \*

The Radio Conference was then to hold an evening meeting for the further study of the texts from which the new Radio Regulations would be composed.

AT THE SUPER-ELECTORAL BATIMENT (continued)

ON 1 JANUARY 1960

MR. GERALD C. (JERRY) GROSS WILL BE SECRETARY-GENERAL OF THE UNION

At the third vote, the Plenary Meeting of the Plenipotentiary Conference elected Gerald C. Gross as Secretary-General of the Union.

The results of the second vote yesterday morning were as follows: those voting - 87; abstentions - 1.

Mr. Fathy <u>Gheith</u>	16
Mr. Gerald C. <u>Gross</u>	23
Mr. C. A. <u>McFarlane</u>	6
Mr. M. N. <u>Mirza</u>	9
Mr. Santiago <u>Quijano</u> Caballero	10
Mr. Jean <u>Rouvière</u>	22

At the end of the afternoon the third vote was held, giving the following results:

Mr. Gerald C. <u>Gross</u>	51
Mr. Jean <u>Rouvière</u>	35

At the beginning of the Meeting, the Delegates of Colombia, New Zealand, Pakistan and the United Arab Republic had stated that Mr. Quijano Caballero, Mr. McFarlane, Mr. Mirza and Mr. Fathy Gheith had withdrawn from the list of candidates.

Immediately after the election, the Chairman, Mr. van der Toorn congratulated Mr. Gross and said that he now carried very great responsibilities in his high position. He had been able to prepare himself for them during his years of service in the former Berne bureau and later in the Union set up at Atlantic City. He would have to show wisdom, tact and sure judgment and take into consideration the constant development of telecommunications throughout the world.

Mr. Gross stated that he would shortly submit to the Assembly his personal ideas on the programme to be carried out and apologized for being taken somewhat unawares for him to be able to express his feelings and thoughts in the proper manner. He stressed that the I.T.U. had to take both the past and the future into consideration; this was a theme that was dear to him and one that he had expressed on many occasions during meetings of the Union and many international meetings throughout the world. The Union had a past rich in effort and achievements and a future which already implied great changes due to discoveries and achievements in the vast field of telecommunications.

\*

\* \*

The "Morning Electron" thinks that there is no need to recall the biography of "Jerry" Gross at this point. Delegates who had to vote on the matter and those who did not, undoubtedly had their attention drawn to a document on this matter bristling with information, figures and reminders. Moreover, the "Morning Electron" is not allowed to make judgments on men or affairs, as has been duly pointed out to us on many occasions. However, we should like to say here that this election has given us some satisfaction because we have known Mr. Gross for a long time and we should like to thank him for the forbearance and kindness with which he has always received criticism and blame that was and is only due to us. Our professional and technical qualifications in the field of telecommunication dispense us from judging the intrinsic worth of the new Secretary-General. However, our modest experience of life in general and international organizations in particular inclines us to say that the man who is now officially taking up the reins of the General Secretariat of the I.T.U. has always revealed human qualities and a sense of humour which is unfortunately, not the case with all men. And then again the new Secretary-General belongs to that small band of people who have come unscathed through the valley of the shadow of death.

We are happy to offer our congratulations and our best wishes to "Jerry" Gross.

---

DR. METZLER'S CONDITION

We are happy to learn and announce that Dr. Metzler is as well as possible under the circumstances after the operation he had. Representatives to the two Geneva Conferences and members of the Secretariat who are continually asking for news of the C.C.I.R. Director will, no doubt, be happy to learn this reassuring and really good news.

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CONFERENCE ADMINISTRATIVE DES RADIOCOMMUNICATIONS

ADMINISTRATIVE RADIO CONFERENCE

CONFERENCIA ADMINISTRATIVA DE RADIOCOMUNICACIONES

Changements d'adresse / Changes of address / Cambios de dirección

54. LIBAN  
LEBANON  
LÍBANO

Chef de la délégation / Head of the Delegation / Jefe de la delegación

M. Hassen OSSEIRAN

Hôtel d'Allèves  
Passage Kléberg  
Genève  
T. 32 15 30

CONFERENCE DE PLENIPOTENTIAIRES

PLENIPOTENTIARY CONFERENCE

CONFERENCIA DE PLENIPOTENCIARIOS

Nouvelles désignations et arrivées récentes

Nominations and new arrivals

Designaciones y llegadas recientes

33. FINLANDE  
FINLAND  
FINLANDIA

Chef de la délégation / Head of the Delegation / Jefe de la delegación

M. Simbri Johannes AHOLA

Hôtel Richemond  
Rue Adhémar Fabri 8-10  
T. 32 71 20

Changements d'adresse / Changes of address / Cambios de dirección

54. LIBAN  
LEBANON  
LÍBANO

Chef de la Délégation / Head of the Delegation / Jefe de la delegación

M. Hassen OSSEIRAN

Hôtel d'Allèves  
Passage Kléberg  
Genève  
T. 32 15 30



# THE MORNING ELECTRON

Vol. One - No. 89

G E N E V A

Friday, 11 December 1959

Published throughout the

I.T.U. Conferences

## A G E N D A S

Friday, 11 December 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m. Committee E	Room E - Bâtiment Electoral
9.30 a.m. Committee I	Room G - Bâtiment Electoral
11.00 a.m. Plenary Meeting	Room A - Bâtiment Electoral
3.00 p.m. Committee H	Room E - Bâtiment Electoral
3.00 p.m. Committee I	Room G - Bâtiment Electoral
3.00 p.m. Plenary Meeting	Room A - Bâtiment Electoral
5.00 p.m. Committee B	Room F - Bâtiment Electoral

### RADIO CONFERENCE

9.00 a.m. Committee 8	Room K - Bâtiment Electoral
11.00 a.m. Plenary Meeting	cancelled
5.00 p.m. Plenary Meeting (I.F.R.B. Elections)	Room A - Bâtiment Electoral
3.00 p.m. Committee 8	Room K - Bâtiment Electoral
11.00 a.m. Region I meeting 5B1 (Intership frequencies)	Room H - Bâtiment Electoral
8.30 p.m. Plenary Meeting	Room A - Bâtiment Electoral
9.30 a.m. Plenary Meeting	Room A - Bâtiment Electoral

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AT THE TRULY ELECTORAL BATIMENT (CONTINUED)

DR. MANOHAR SARWATE ELECTED DEPUTY SECRETARY-GENERAL

If we had taken it upon ourselves to liken Chairman van der Toorn to a midwife, the censure of prudes would doubtless have fallen heavily on our paid loafers' frail shoulders. Fortunately for us, it was the Chairman of the Plenipotentiary Conference himself who publicly compared his person, just before the vote yesterday morning, to a midwife who is gradually acquiring the habit of presiding over the birth of the Union's senior officials.

In fact, though, a totally different comparison struck us during the Plenipotentiary discussion: we would much rather liken Chairman van der Toorn to the Flying Dutchman, bobbing up from time to time despite the astral cycle and the successive seasons, despite storms and tempests, waves and tidal variations, surrounded by a kind of plenipotentiary haze evocative of many memories.

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And so, yesterday morning, the Plenipotentiary Conference, faced with the task of choosing a Deputy Secretary-General for the Union, decided by 58 votes to 23 - the latter in favour of Mr. Fathy Gheith - to entrust the post to Dr. Manohar Sarwate, Head of the Indian Delegation to the Radio Conference and Deputy Head of his country's delegation to the Plenipotentiary Conference.

As far back as the 25th August we took the precaution of outlining in the seventh number of the "Electron" Dr. Sarwate's personal characteristics, for it had always been apparent to us that one of these days he would be called upon to assume a very high office.

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There is no need to recall now what we said when the weather was still clement in Geneva; however, it might not perhaps be out of place to mention in passing that not only is he a physicist, a mathematician, an electrical engineer and a radio expert, but also an ex-research officer in the field of aeronautical transmission and communication to whom the problems of space have long been an open book. It should be remembered that it was the new Deputy Secretary-General who, in the spring of 1940, was entrusted in London with the task of examining and translating Mr. Ponte's famous communication on UHF radar.

Although, in addition to these achievements, Dr. Sarwate is Chariman of the Radio and Cable Board of the Government of India, former Director of Communications in the Department of Civil Aviation, former Adviser to the Ministry of Transport and Communications, Chairman of the Electrical Accessories Sectional Committee of the Indian Standards Institution and Chairman of that country's Sub-Committee on tropicalization of radio components and equipment, he has found time to attend a number of international conferences and in particular those of the International Telecommunication Union and the International Civil Aviation Organization. Moreover, he has shown a continued interest in administrative and financial problems. His statements in that connection in the Administrative Council are well known.

And that is not all. As he himself observed when thanking the Conference in his modest way, Dr. Sarwate has evolved a certain philosophy of life and outlook on the world which will indubitably inspire him with a good understanding not only of all those who, as officials of the Union, are called upon to serve it loyally, but also of the delegates of many different countries, that is to say, of the world's diverse civilizations still profoundly separated by different religious, political and social concepts.

"The Morning Electron" would like to extend to Dr. Sarwate the good wishes that it extended yesterday to Mr. Gerald C. Gross, and to add to them those of I.C.A.O., the sister organization of the I.T.U., to which the qualities and the retiring nature of the new Deputy Secretary-General, have long been known.

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TODAY

AT THE PLENIPOTENTIARY CONFERENCE

In Committee E (Chairman: Mr. Colt de Wolf) : cooperation with the Economic Commission for Asia and the Far East - report by Mr. Besseyre; draft resolution on the Union's participation in the Expanded Technical Assistance Programme (Document No. 313); use of outer space for peaceful purposes.

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DESPATCH OF DOCUMENTS TO DELEGATES IN THEIR OWN COUNTRIES

Delegates who would like to have their documents sent to them by the Conference Secretariat are requested to fill in the relevant form very carefully giving their name and address in full, a description of the documents to be sent, the means of transport chosen (air mail or surface mail) and the date on which the documents are to be despatched.

The Despatch service of the I.T.U. Secretariat will pack the documents in accordance with the transport chosen.

The costs of sending the documents will be borne by the Administration (or the Organization) of the delegates concerned; the Administration (or Organization) to which the account is to be sent should be specified in each case.

The documents may:

- 1) - already be in the possession of the delegates concerned and have been classified by them. If so, the parcels should be left with the Despatch Service securely fastened with string and bearing a label giving the name of the member of the delegation and the address to which the documents are to be sent;
- 2) - be listed in detail and the list handed into the Despatch Service so that the documents may be sent off as expeditiously as possible;
- 3) - be those not yet issued (e.g. the white documents of the Conference). An accurate description of the documents to be sent must be given (Administrative Radio Conference or Plenipotentiary Conference).

Only printed or roneographed documents will be sent. Members of delegations are earnestly requested to make their own arrangements for the transport of documents in manuscript, or partly in manuscript, which can only be despatched on payment of a special "business papers" rate.

Parcels of documents for despatch by air mail may be up to 3 kilos in weight. Those weighing more than 3 kilos will, as a general rule, be sent by surface mail, unless a specific indication is given for their despatch by air mail, even if over 3 kilos in weight and even if the rates are consequently liable to be particularly high.

Miss R. Van Dijk of the Distribution Service has been given the task of handling requests for the despatch of documents; would delegates, therefore, kindly apply to her for the relevant forms and for any additional information they may require.

Miss Van Dijk will be on duty at the counter in the corridor beyond the Bank and opposite the Telex booths, from 9 a.m. to 12 noon and from 2.30 p.m. to 6.30 p.m, every day except Sunday.

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#### "SIC TRANSIT"

At its last meeting yesterday afternoon, Committee 5 dealt with Document No. 772 concerning inter-ship frequencies and adopted the provisions of paragraph 2 in this document. The Committee also considered the Summary Records of the 15th, 17th, 18th, 19th, 20th, 21st, 22nd, 23rd and 24th Meetings, adopting the Records with corrections brought to the attention of the chair by several delegates. The Summary Record of this last Meeting will be published shortly and will include matters previously omitted.

At the close of the Meeting, Mr. Sathar of Pakistan expressed the appreciation of his Delegation for the able and amiable manner in which Dr. Joachim, the Chairman, had conducted the work of Committee 5, which had a very difficult and important task to accomplish. Following a round of applause, the Delegates of Ethiopia, the United Kingdom and New Zealand, supported the sentiments expressed by Mr. Sathar.

In turn, Dr. Joachim thanked the Delegates for their expressions of appreciation and in a short closing speech emphasized the importance of organized telecommunications in our life.

"Sic transit ....", another Committee of the Radio Conference.

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TO-DAY AT 5 P.M.

ELECTION OF THE MEMBERS OF THE I.F.R.B.

<u>Region A :</u>	Mr. F. DELLAMULA	Argentine Republic
	Mr. E. MARTINS DA SILVA	Brazil
	Mr. A. HERNANDEZ-CATA	Cuba
	Mr. J.H. GAYER	United States of America
<u>Region B :</u>	Mr. R. PETIT	France
	Mr. J.A. GRACIE	United Kingdom of Great Britain
<u>Region C :</u>	Mr. M. FLISAK	Poland (Peoples' Republic of)
	Mr. N.I. KRASNOSSELSKI	Union of Soviet Socialist Republics
<u>Region D :</u>	Mr. N.H. ROBERTS	Union of South Africa and Territory of South West Africa
<u>Region E :</u>	Mr. J.D. CAMPBELL	Australia (Commonwealth of)
	Mr. T.K. WANG	China
	Mr. P.S.M. SUNDARAM	India (Republic of)
	Mr. S. HASE	Japan
	Mr. M.N. MIRZA	Pakistan



# THE MORNING ELECTRON

Vol. One - No. 90

G E N E V A

Saturday, 12 December 1959

Published throughout the

I.T.U. Conferences

## A G E N D A S

Saturday, 12 December 1959

### PLENIPOTENTIARY CONFERENCE

9:00 a.m. Committee B  
9:30 a.m. Committee H  
9:30 a.m. Committee I  
3.00 p.m. Plenary Meeting

Room F - Bâtiment Electoral  
Room E - Bâtiment Electoral  
Room G - Bâtiment Electoral  
Room A - Bâtiment Electoral

### RADIO CONFERENCE

9.00 a.m. Committee 8  
10.00 a.m. Plenary Meeting  
3.00 p.m. European Region  
3.00 p.m. Committee 8

Room K - Bâtiment Electoral  
Room A - Bâtiment Electoral  
Room D - Palais des Expositions  
Room K - Bâtiment Electoral

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FINAL INSTALMENT OF THE ELECTIONS

THE ELEVEN MEMBERS OF THE I.F.R.B.

The Administrative Radio Conference yesterday held a plenary meeting under the Chairmanship of Mr. Charles J. Acton to elect the eleven members of the International Frequency Registration Board.

The results were as follows:

Region A (America) - 3 seats:

Mr. Fioravanti Dellamula	- 67	<u>elected</u>
Mr. Ezequiel Martins da Silva	- 36	
Mr. Alfonso Hernández-Catá	- 51	<u>elected</u>
Mr. John H. Gayer	- 68	<u>elected</u>

Region B (Western Europe) - 2 seats:

Mr. R. Petit	- 74	<u>elected</u>
Mr. J.A. Gracio	- 75	<u>elected</u>

Region C (Eastern Europe and Northern Asia) - 2 seats:

Mr. Mieczyslaw Flisak	- 64	<u>elected</u>
Mr. Nicolai Ivanovich Krasnosselski	- 62	<u>elected</u>

Region D (Africa) - 1 seat:

Mr. N.H. Roberts	- 69	<u>elected</u>
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Region E (Asia and Australasia) - 3 seats:

Mr. J.D. Campbell	- 33	
Mr. Tai Kuang Wang	- 42	<u>elected</u>
Mr. P.S.M. Sundaram	- 22	
Mr. Shin-Ichi Hase	- 45	<u>elected</u>
Mr. M.N. Mirza	- 62	<u>elected</u>

The electoral period at the Electoral Building thus comes to an end.

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IN THE PLENIPOTENTIARY CONFERENCE

"FUGIT IRREPARABILE TEMPUS" (Horace)

Taking advantage of a momentary lull in the recent flurry of elections, the Plenipotentiary Conference yesterday afternoon considered the second series of blue sheets. It adopted, in addition, the resolution about the peaceful use of outer space. This resolution, as finally worded, means that the General Secretariat is responsible for keeping the United Nations and other international organizations concerned informed of the decisions taken by the Administrative Radio Conference in Geneva and of the technical researches undertaken by the International Radio and International Telegraph and Telephone Consultative Committees. It will also have to keep these organizations informed of any progress made in this field.

Time is rapidly flying. Committee H has not finished, and doubts have been openly expressed about the possibility of having the Convention signed on Thursday or Friday next.

Hence, no doubt, the reason why the Plenipotentiary Conference agreed with Mr. Sterky (Sweden) - who was backed up by the Delegates of the Union of Soviet Socialist Republics, Belgium and Mexico - when he called on the Conference to meet this afternoon (Saturday) to get on with its work.

Financial problems, it seems, provide the knottiest problems of all. The remaining series of blue sheets will perforce have to be considered on Monday.

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RECEPTION

offered by the Elected Officials of the International Telecommunication Union.

Persons attending the Plenipotentiary and Radio Conferences, members of the I.T.U. staff and of the conference secretariat are asked to use the reply coupon attached to the invitation and send it to Mr. Robert Lafrance, Head of the Delegates' Services, Office 101, Bâtiment Electoral.

The reception will take place on Tuesday, 15 December next

LISTE DES PARTICIPANTS

LIST OF PARTICIPANTS

LISTA DE PARTICIPANTES

CONFERENCE ADMINISTRATIVE DES RADIOCOMMUNICATIONS

ADMINISTRATIVE RADIO CONFERENCE

CONFERENCIA ADMINISTRATIVA DE RADIOCOMUNICACIONES

Autres informations/ Other information/ Otros asuntos

76. REPUBLIQUE ARABE UNIE  
UNITED ARAB REPUBLIC  
REPÚBLICA ÁRABE UNIDA

Chef de la délégation/ Head of the Delegation  
Jefe de la delegación

après le départ :  
after the departure of : M. Anis Tewfil EL BARDAI  
en ausencia de :

M. El Garhi Ibrahim EL KASHLAN



# THE MORNING ELECTRON

Vol. One - No. 91

GENEVA

Monday, 14 December, 1959

Published throughout the

I.T.U. Conferences

## A G E N D A S

Monday, 14 December, 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Plenary Meeting	Room A - Bâtiment Electoral
3.00 p.m.	Plenary Meeting	Room A - Bâtiment Electoral

### RADIO CONFERENCE

9.00 a.m.	Committee 7	Room F - Bâtiment Electoral
9.00 a.m.	Committee 8	Room K - Bâtiment Electoral

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MEETING OF THE EUROPEAN DELEGATIONS

The Representatives of the Member States of the European Region met on Saturday afternoon under the chairmanship of Mr. Pedersen, whose Government was the host Government for the Copenhagen Conference.

They decided:

- a) that no meeting should be held within the next 18 months;
- b) that during the next Ordinary Administrative Radio Conference a meeting of the European Area countries should consider whether they would hold a meeting within 18 months to revise the Copenhagen Convention and Plan;
- c) that, if the Administrative Radio Conference did not meet before 31 December 1964, the Secretary-General should consult the Administrations concerned as to the desirability of a meeting within 18 months;
- d) that, if the majority view were against such a meeting within 18 months, the Secretary-General should repeat his consultations during the following year.

The same resolution was adopted for both broadcasting and maritime plans.

FROM THE BLUE PERIOD TO THE PINK ONE

TELEGRAPHY AND RADIO-DETERMINATION

With but a few brief breaks for sleep, food, prayer, and meditation, the Radio Conference, indefatigable as ever, slaved away on Saturday and Sunday on the texts appearing in the blue sheets. Mr. Henry considers that in all likelihood the Conference will on Wednesday next pass from its blue to its pink phase.

When this occurs, the time will have come for us, at long last, to try to describe exactly what changes have been made in a set of Regulations now twice as long as formerly, and to expatiate on those resolutions and recommendations which seem to us to be those which will determine the Union's activities and research programme for some time to come.

It may not, perhaps, be entirely devoid of interest to announce without more ado that the Conference has managed to define telegraphy and that the Delegation of the Union of Soviet Socialist Republics has given a definition of radiolocation.

As regards telegraphy, the Conference has adopted the blue-sheet text, with a trifling amendment suggested by the Chairman of the Working Party on definitions. A Belgian Congo proposal for a complete overhaul of the text was defeated by 28 votes to 13, with 17 abstentions.

The definition of radiolocation has already given rise to a vast amount of talk, both in committees and in plenary meetings. The Delegation of the Union of Soviet Socialist Republics announced that the definition was unsatisfactory, because it did not clearly explain exactly what the "radiolocation" service comprised.

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# THE MORNING ELECTRON

Vol. One - No. 92

G E N E V A

Tuesday, 15 December 1959

Published throughout the meetings of  
the Conferences of the I.T.U.

## A G E N D A S

Tuesday, 15 December 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Committee I	Room G - Bâtiment Electoral
4.15 p.m.	Plenary Meeting	Room A - Bâtiment Electoral
3.00 p.m.	Committee I	Room G - Bâtiment Electoral

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### RADIO CONFERENCE

9.00 a.m.	Committee 8	Room K - Bâtiment Electoral
9.00 a.m.	Plenary Meeting	Room A - Bâtiment Electoral
2.30 p.m.	Plenary Meeting	Room A - Bâtiment Electoral
3.00 p.m.	Committee 8	Room K - Bâtiment Electoral
9.15 p.m.	Plenary Meeting	Room A - Bâtiment Electoral

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AT THE PLENIPOTENTIARY CONFERENCE

TO DEAF EARS .... THE LAST STRAW ..... TIGHTENING THE PURSE STRINGS ..  
OF THE CEILING (To be continued)

It is pretty clear that we are getting near the end. Both Conferences are working hard. Perhaps they are overworking because the shafts of humour, the declamatory outbursts and the discussions become very impassioned, which, for an outsider, adds zest to the scene.

When, in the first hours of yesterday morning's discussions, Mr. O. Carli (Argentina) had more or less openly mentioned a conspiracy, Mr. Drevet (France) was led to remark that he had heard less well as he got older. "There are none so deaf as those who will not hear".

Naturally this concerned the I.F.R.B. which is frequently the subject of discussion and will continue to be so.

Mr. Motin (U.S.S.R.) again proposed that I.F.R.B. members should be paid as grade D-2 officials. A vote was not taken on this proposal but a secret vote was taken on the decision of the Chairman, Mr. van der Toorn, who considered in his capacity as Chairman that there was no need to revert to the question of the salaries of I.F.R.B. members, since the Conference had already stated its views on the question. When the problem had thus been submitted to the Plenipotentiary Conference, the Chairman's decision was approved by 36 votes to 29, with 3 abstentions and one invalid paper.

With regard to questions of principle relating to the fixing of a limit on expenditure and the problem of the "small group of engineers" which is intended to provide new countries with information and technical data required by them, it was decided to deal with them later when questions regarding financial repercussions came up. This decision was only taken, however, when the Conference had heard Mr. Nicotera (Italy) propose a 30% reduction of the figures given in the findings of report 359; the Acting Secretary-General also stated that a categorical and impromptu decision of that nature could not be taken and that the matter should be referred to the wisdom of the Administrative Council; finally Mr. Drevet (France) recalled that when he had sat on the school bench he had been taught that the llama is a very good animal which goes on walking with heavier and heavier burdens until it lies down and refuses to get up again and go on. The same went for the financial resources of the various States which now had to cope with Union expenses that had tripled. The Chairman, Mr. van der Toorn, said that it ought to be a dromedary and not a llama and that we were very surprised not to hear an English speaking delegate declare that it should have been a camel, since in English one talks of the last straw breaking the camel's back.

After these zoological clarifications, the Acting Secretary-General stressed that the funds provided for could only be used insofar as the Administrative Council decided to establish new posts: under no circumstances could they be entered in the budget to cover other expenses and they could only be provided for a certain period starting from the date when the new Convention came into force.

The discussion waxed hot throughout the afternoon and became even more excited when the question of the anticipated expenses of the I.F.R.B. finally came up. The IFRB had been instructed by the Radio Conference to carry on with the task ascribed to it and also to fulfil important duties, in particular the study of the requirements of the "new and developing" countries.

The Vice-Chairman of the I.F.R.B., Mr. J.H. Gracie, again explained several times over the reasons why such budgetary provisions had been carefully made, taking into consideration the continued development of the radio services, the difficulties that had piled up and also the requirements of the under-developed countries. He remarked that if the countries concerned were made to pay a sum of approximately \$10 when a frequency was registered, the I.F.R.B. would be able to finance its budget. He recalled that the Chairman, Mr. van der Toorn, had himself stated that if the I.F.R.B. did not exist to carry out certain kinds of work, a country like the Netherlands would have to spend 25 times as much as the cost of her present participation in the cost of running the I.F.R.B. The loss of a jet aircraft every ten years costing 30 million Swiss francs and depending entirely on a good communication system for its proper use would be equivalent to the cost of running the I.F.R.B.

He also remarked that the expenditure provided for 1961 included expenses from 1960, even if it was decided to postpone the date on which the new Radio Regulations came into force until April 1961. The I.F.R.B. was prepared to use all the most modern means such as electronic calculating machines and to keep in step with the times, but other countries besides new ones had requirements. Other countries also had requirements that were becoming more and more urgent. Where there's a will there's a way. Work not done in 1960 would be accumulated in the following years.

The Delegates of Paraguay and Pakistan and the Chairman recalled that decisions concerning the duties and functions of the I.F.R.B., in the form in which they had been provided for by the Radio Conference, had already been approved by the Plenipotentiary Conference.

Mr. P. Oomen, (I.C.A.O. Observer) speaking of the close and profitable collaboration between his Organization and the I.T.U., said that the I.F.R.B. had played and was continuing to play a very important role in connection with the implementation of the frequency assignment plans for air-ground communications, on which safe flying depended.

Explaining that he had always regarded the I.F.R.B. as an essential body, Mr. Nicotera stated very firmly that certain tasks entrusted to the I.F.R.B. could not be carried out by that Organization. In the past, the E.A.R.C. had instructed the I.F.R.B. to prepare plans for high-frequency broadcasting. At that time the representative of Italy on the Council had sounded a warning note, and his fears had been confirmed by facts: More than 1,293,000 Swiss francs had been spent for nothing. The tasks which the Radio Conference had entrusted to the I.F.R.B. were "poetic" and unrealistic. The Delegate of Italy stressed the fact that the Plenipotentiary Conference was sovereign: it had the duty and the right to take top-level decisions and was not subject to the orders of the Radio Conference.

The Delegate of Canada, Mr. R.H. Jay, thought that the increase in additional expenditure in 1960 should be limited to one million Swiss francs, and that some other means should be found to finance the cost of the circulars.

Mr. Langenberger (Switzerland) considered that the limit was rising rather too quickly.

Mr. Vargues (France) observed that the demands by the Consultative Committees and General Secretariat were moderate, but the I.F.R.B.'s could only be described as "massive". No Administration could consider additional expenditure for 1960 now that national budgets had been drawn up. A happy means had to be found between what was really necessary and what was desirable. Those who held the purse-strings would have to keep an eye on financial possibilities, even if they were accused of being down-to earth in relation to whose daily dealing with the ether.

Mr. P.V. Afanasiev (Bielorussian S.S.R.) remarked that the Conference was being asked to double expenditure, and Mr. Klovov (U.S.S.R.) gave some figures on the constant increase in the countries' contributions and the amount of the I.T.U. contributory units. To the head of the Soviet Delegation "new responsibilities" did not necessarily signify "new posts". His Government was in favour of Technical Assistance, but the funds intended for Technical Assistance should not be used by the I.F.R.B. to increase its staff. The Soviet Delegation therefore suggested that the 1960 budget should be kept at the level of the 1959 budget, provisions nevertheless being made for reasonable conference expenses, the alignment of the salaries with those of the United Nations and certain other expenses of a temporary nature. A working group should then consider what should be done for the period 1961-65.

The Delegate of the F.P.R. of Yugoslavia considered that the Members of the Union who had set aside one million francs for salary increases should call on the Secretariat for an increase in output. The I.F.R.B.'s demands were exaggerated.

When Mr. Tedros (Ethiopia) commented that if provision was not to be made for the necessary expenses, the Radio Conference should be asked to change some of its decisions. Mr. de Wolf (United States) said that instead of making arbitrary cuts in the budget or palming the responsibility off on the Administrative Council, the Conference should get the advice of an expert at the Radio Conference. Thereupon Mr. Charles J. Acton (Canada), Chairman of the Radio Conference, recalled the reasons why that Conference had entrusted the I.F.R.B. with additional tasks, and emphasized how many times it had been pointed out that the various administrations would have to pay very dearly if they had to do alone and individually the work being done by the I.F.R.B.

Mr. Gunnar Pederson (Denmark), Chairman of Committee 4, said that if the I.F.R.B. was to carry out additional tasks, it must be given the necessary tools.

It seemed that, instead of confining the discussion to the specific problems of the I.F.R.B., the entire budget estimates for all the organs and services of the Union should be examined.

Mr. Segal (Belgian Congo) felt bound to point out that the I.F.R.B. had been given an impossible job; it had been asked to solve the high-frequency problem but the Radio Conference had not agreed to extend the high-frequency bands. Useless expense could be avoided by limiting research and tests to the 9 Mc/s band.

When Mr. Quijano Caballero (Colombia) proposed a 15% reduction in overall expenditure, which would not apply to the extraordinary budget nor to Technical Assistance, the Delegate of Belgium commented that in that event nothing would remain for the I.F.R.B. Mr. Wolverson (United Kingdom) supported the proposal by Canada regarding the 1960 budget. Mr. Afanasyev (Bielorussian S.S.R.) could not see an immediate solution, and as it was evident that several delegates were anxious to go to a reception where they were awaited, it was decided to postpone all matters not dealt with until this afternoon.

Mr. Gross remarked that an arbitrary reduction of 15% was quite impossible unless it applied only to that part of the budget where increases were mentioned.

AFTER THE ELECTIONS

To avoid running the risk of being accused of irreverence we abstained from offering our congratulations to those members of the I.F.R.B., whose terms of office have been prolonged.

However, we feel we must offer our hearty thanks to Mr. John H. Gayer because, during the two Geneva Conferences, he has greatly helped us to publicise the existence of the Union, the work it is doing, and its aims.

Our readers will, no doubt, remember that in "Electron" No. 20 of 11 September, we presented a short word-picture of Mr. Mirza, for it was not hard to guess that he would shortly be called upon to "police the waves" in the interests of all of us. Mr. Mirza's election was no surprise to us: we see it as a very significant and logical outcome of events. It was indeed only natural that the Radio Conference, which has devoted so much attention to the requirements of the new and developing countries, should give a seat on the I.F.R.B. to the Head of the Pakistan Delegation, who has unceasingly shown himself to be an ardent supporter and clever defender of the new and developing countries.

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HOME, SWEET HOME

We learn that Dr. Metzler, who is showing very satisfactory progress, has left the clinic and is now back at home.



# THE MORNING ELECTRON

Volume One - No. 93

G E N E V A

Wednesday, 16 December, 1959

Published throughout  
the I.T.U. Conferences

## AGENDAS :

Wednesday, 16 December, 1959

### PLENIPOTENTIARY CONFERENCES

9.00 a.m.	Plenary Assembly	Room A, Bâtiment Electoral
9.30 a.m.	Committee I	Room G, Bâtiment Electoral
3.00 p.m.	Committee I	Room G, Bâtiment Electoral

### ADMINISTRATIVE RADIO CONFERENCES

9.00 a.m.	Committee 8	Room K, Bâtiment Electoral
3.00 p.m.	Plenary Assembly	Room A, Bâtiment Electoral
3.00 p.m.	Committee 8	Room K, Bâtiment Electoral

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CENT FOIS SUR LE METIER .....

We have now entered the period when the blue and pink sheets are meticulously perused. Now is the time to recite to oneself the verses of the celebrated French poet Boileau :

"Cent fois sur le métier remettez votre ouvrage,  
Polissez-le sans cesse et le repolissez".

While the Radio Conference continued to go through one sheet after the other, yesterday morning we ran into Mr. Drevet, Chairman of the Drafting Committee in the Plenipotentiary Conference, who seemed to us to be in a state of nerves bordering on anguish. As we told him of the alarm we felt at seeing him in such a state, he explained that his Drafting Committee was unemployed, and was feverishly awaiting the findings of the Plenipotentiary Conference.

Mr. Drevet and his colleagues are satisfied now, since the Conference, meeting with Mr. J.D.H. van der Toorn in the Chair, has now finished series 7 and 8 (blue sheets) and series B (pink ones).

Nothing much to report about this meeting except perhaps that the Delegate of the Hashemite Kingdom of Jordan, anxious to fall in with the Chairman's suggestions, magnanimously agreed to withdraw Reservations IX and X from the Final Protocol.

Nor might it be devoid of interest to report that the Delegate of Iran agreed not to insist on the addition he was proposing for Article 49 - a most intriguing text which talked about false and misleading information relative to the site of a station and operating particulars.

The Plenipotentiary Conference was unable to go on discussing financial problems but will be at work again at nine o'clock this morning.

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TRADUTTORE TRADITORE

A deplorable error, for which we apologize, crept into No. 92 of the Electron, on page 3, second paragraph - happily, in Spanish only.

A MISTAKE ACKNOWLEDGED

On page 5, paragraph 4, in No. 92 of the Morning Electron, "Mr. Vargues" appeared by mistake for Mr. Terras (France)

FAREWELL TO COMMITTEE 7

Committee 7 has finished its work with the adoption of its last report. Its Chairman, Mr. Ehnle (Netherlands) was asked to examine this document himself. It gives an account of the last stages of the Committee's activities.



# THE MORNING ELECTRON

Vol. One - No. 94

G E N E V A

Thursday, 17 December, 1959

Published throughout the

I.T.U. Conferences

## A G E N D A S

Thursday, 17 December, 1959

### PLENIPOTENTIARY CONFERENCE

9 a.m.	Plenary Meeting	Room A - Bâtiment Electoral
10 a.m.	Committee I	Room G - Bâtiment Electoral
3 p.m.	Committee I	Room G - Bâtiment Electoral

### RADIO CONFERENCE

9 a.m.	Committee 8	Room K - Bâtiment Electoral
2.30 p.m.	Plenary Meeting	Room A - Bâtiment Electoral
3 p.m.	Committee 8	Room K - Bâtiment Electoral

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THE ELECTORAL BUILDING LIVES UP TO ITS NAME ONCE MORE

The representatives of the twenty-five nations elected to the Administrative Council held their first meeting yesterday at the Bâtiment Electoral and of course got down to new elections straight away.

Mr. Libero Oswaldo de Miranda was elected Chairman and Mr. Vladimir Senk Vice-Chairman.

The new Council decided to meet again on 28 May, 1960, for a five-week session. If it only lasts three weeks, Mr. Klokov will be getting a bottle of whisky from Mr. de Wolf, whereas if it lasts six weeks a bottle of vodka will change hands in the opposite direction. If it lasts no longer than five weeks Mr. Quijano Caballero will offer a bottle of ron de Caldas. In any case, Mr. de Miranda is prepared to include a few bottles of Brazilian cachaça in his baggage.

BÔA SORTE, SENHOR PRESIDENTE!

It will be recalled that the Head of the Brazilian Delegation was the first Vice-Chairman of the Plenipotentiary Conference and that Brazil obtained most votes at the elections for the new Council.

A few biographical notes on the new Chairman are given below :

Libero Oswaldo de Miranda

- Degree in civil and electrical engineering, University of Brazil
  - Since 1921, in the telegraph department of the Post and Telegraph Administration of Brazil
  - 1941-43 - Director of Posts and Telegraphs in the Federal District
  - 1946-51 - Director of Supplies in the Post, Telegraph and Telephone Administration
  - 1951-54 - Chairman of the Technical Radio Committee
  - 1955 - Deputy Chief of the Civil Cabinet of the President of the Republic
  - 1956-58 - Telecommunication Technical Assistant to the Ministry of Transport and Communication
  - Since 1958, Director of the Telegraph Administration of Brazil
-

- 1945 - Delegate of the Government of Costa Rica to the Inter-American Radio Conference, Rio de Janeiro
- 1947 - Assistant Head of the Delegation of Brazil to the Radio and Plenipotentiary Conferences, Atlantic City.
- 1952 - Head of the Delegation of Brazil to the Buenos Aires Plenipotentiary Conference.

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The "Morning Electron" is particularly happy to congratulate Mr. Libero Oswaldo de Miranda, since he is not only an engineer and a widely-known telecommunication specialist but also a journalistic colleague as editor of and contributor to "A Gazeta", Sao Paulo, a member of the famous Brazilian Press Association, the guiding spirit of which is our friend, Mr. H. Moses.

Bôa sorte, Senhor Presidente!

Zelin vam puno uspeha, Gospodine Potpretsodnice!

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PLENIPOTENTIARY CONFERENCE

SIMPLE MATTERS OF FINANCE

The Plenipotentiary Conference held plenary meetings yesterday morning and evening. It adopted in principle the Swiss proposal on the use of electronic calculating machines by the I.F.R.B. and the proposal by the Federal Republic of Germany that the Administrative Council be instructed to negotiate with the Government of the Swiss Confederation to see whether the purely arithmetical independent auditing system practised at present could not be replaced by a more extensive independent audit using the principles applied in examining finances in most of the other international organizations belonging to the United Nations family.

As we go to press, the Plenipotentiary Conference is still examining the budget.

Twelve o'clock and all's well!

(to be continued)

"PLAISIRS DE MON BEL AGE"

We shall not soon forget Tuesday, 15 December.

In the first place, it was - mirabile dictu - the very first day since our arrival in Geneva in the first week in August which we heard no mention, either direct or indirect, of the I.F.R.B., its rôle, its functions, its purpose, its requirements, its tasks, its staff both present and future, its specialized staff, its normal and its non-recurring expenditure, its electric and electronic machines, its budget, etc., etc.

Then, in the evening, we were invited to a memorable reception which enabled the elected officials of the Union at present in office to show that a reception can be both democratic and frugal.

And after all, it's not every day you can cha-cha-cha- with your secretary, waltz with the wife of the Senior Staff Officer or greet the high dignitaries of the Union with becoming deference. As the poet said:

"Plaisirs de mon bel âge

"Que d'un coup d'aile, a fustigés le temps."

LISTE D'ADRESSES DES PARTICIPANTS APRES LA CLOTURE DES  
DEUX CONFERENCES

LIST OF ADDRESSES OF PARTICIPANTS AFTER THE CLOSE OF THE  
TWO CONFERENCE

LISTA DE DIRECCIONES DE LOS PARTICIPANTES DESPUES DE LA  
CLAUSURA DE LAS CONFERENCIAS

Les modifications suivantes doivent être apportées à cette  
liste :

The following changes should be made in this list :

Introduzcanse en esta lista las modificaciones siguientes :

11. BREASIL  
BRAZIL  
BRASIL

Colonel Gerardo de CAMPOS BRAGA  
Représentant de l'Armée auprès de  
la Commission technique de Radio  
Rua Miguel Lemos 24  
Apt. 903  
Copacabana  
Rio de Janeiro

28. ETATS D'OUTRE-MER de la Communauté et Territoires  
français d'Outre-Mer  
OVERSEAS STATES of the French Community and French  
Overseas Territories  
ESTADOS de ULTRAMAR de la Comunidad y Territorios  
franceses de Ultramar

M. Jérôme AGOH  
Contrôleur des Postes et Télécommunications  
Chef de Cabinet  
Secrétariat d'Etat des Postes et Télécommunications  
de la République de Côte d'Ivoire  
Hôtel des Postes  
Abidjan (Côte d'Ivoire)

31. ETATS-UNIS D'AMERIQUE  
UNITED STATES OF AMERICA  
ESTADOS UNIDOS DE AMERICA

Mr. Edwin W. BENIS  
American Telephone and Telegraph Co.  
195, Broadway  
New York 7

Mr. Arthur J. COSTIGAN  
Consultant, Office of the Director for Telecommunications  
Office of Civil and Defense Mobilization  
2615, Avenue S,  
Brooklyn 29, N.Y.

49. ITALIE  
ITALY  
ITALIA

M. Mario CARLOTTI  
Compagnie Générale TELEMAR  
Lungotevere Michelangelo, 9  
Rome

M. Amleto CIACCIA  
Compagnie générale TELEMAR  
Lungotevere Michelangelo, 9  
Rome

M. Carlo MATTEINI  
Compagnie générale TELEMAR  
Lungotevere Michelangelo, 9  
Rome

M. Sergio ROSANI  
Compagnie générale TELEMAR  
Lungotevere Michelangelo, 9  
Rome

Colonel Emenegildo ROSSETTI  
Ministero Difesa  
Aeronautica  
Ispettorato Telecomunicazioni e Assistenza al Volo  
Rome



# THE MORNING ELECTRON

Vol. One - No. 95

G E N E V A

Friday, 18 December, 1959

Published throughout the meetings  
of the I.T.U. Conferences

## A G E N D A S

Friday, 18 December, 1959

### PLENIPOTENTIARY CONFERENCE

9.	a.m.	Plenary Meeting	Room A - Bâtiment Electoral
9.30	a.m.	Committee I	Room G - Bâtiment Electoral
2.30	p.m.	Plenary Meeting	Room A - Bâtiment Electoral
3.	p.m.	Committee I	Room G - Bâtiment Electoral

### ADMINISTRATIVE RADIO CONFERENCE

9	a.m.	Committee 8	Room K - Bâtiment Electoral
11	a.m.	Plenary Meeting	Room A - Bâtiment Electoral
3	p.m.	Committee 8	Room K - Bâtiment Electoral
9	p.m.	Plenary Meeting	Room A - Bâtiment Electoral

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IN THE PLENIPOTENTIARY CONFERENCE  
JUST A FEW SIMPLE LITTLE FINANCIAL QUESTIONS  
BUDGET - BUDGET LIMIT - ESTIMATES

Truly, it is becoming harder and harder to describe what goes on in the Electoral Building, because we really don't know for sure whether it's day or night, sunshine or moonshine, morning or afternoon, yesterday, to-day or to-morrow. When we got home on Thursday morning a cock began to crow in a neighbouring yard, deceived, no doubt, by the brightness of the moon, or awakened by some unintentional interference, which leads us to believe that Switzerland is perhaps, without anybody being aware of it, one of the "new and developing" countries.

Limit on the I.F.R.B.'s additional requirements

Mr. Segal (Belgian Congo) felt that the I.F.R.B.'s budget estimates were far too ambitious and that it would be well, in the immediate future, to limit it to an experiment in the 9 Mc/s band. These views were shared by the delegates of Bulgaria, Yugoslavia, Afghanistan, the Union of Soviet Socialist Republics, and Morocco. Mr. Klovov, of the Union of Soviet Socialist Republics, drew attention yet again to the fact that the Union's expenses were steadily increasing, and were considerable. Mr. Berrada (Morocco) said that the I.F.R.B. should be indulgent to the "new and developing" countries. There was no desire to kill that body. Mr. Senk (Yugoslavia) said it would clearly be possible to do some bargaining during the discussion. Mr. Terras (France) emphasized that administrations had already drawn up their budgets for 1960.

Mr. Nicotera (Italy), feeling no doubt that the members of the I.F.R.B. in their wisdom would certainly have left themselves some room for manoeuvre, called for a 30% cut in the additional expenses of that body.

Mr. Gracie, Vice-Chairman of the I.F.R.B., had many occasions to display patience, sagacity and tenacity in answering the questions raised and the comments offered by speakers.

The delegates of Paraguay, China, Ethiopia, the Argentine Republic, the United Kingdom of Great Britain and Northern Ireland, Morocco, and the United States, together with China, again affirmed that the I.F.R.B. had to be given the tools for the job. Mr. Paul D. Miles (United States) talked about the need for a "dynamic approach". The delegate of China did not hesitate to say that it wasn't the feet which had to be adapted to the shoes but the shoes to the feet.

Eventually, a vote had to be taken. A proposal by Mr. Terras (France), to do away completely with the additional credits required by the I.F.R.B. was rejected by 33 votes to 24, with 3 abstentions.

The proposal by Mr. Segal (Belgian Congo) was rejected by 32 votes to 23, with 7 abstentions.

Mr. Nicotera's proposals for a 30% cut were defeated in a roll-call vote: for - 29; against - 29; abstentions - 4; absent - 30.

The Chairman thereupon ruled that there was no call for a further vote, so that a sum of 800,000 Swiss francs was tacitly adopted. This represents a 15% reduction in the I.F.R.B.'s estimates.

Mr. Gerald C. Gross generously offered to reduce the credits on another item by 21,000 Swiss francs; a proposal adopted with alacrity.

Before the weary delegates were allowed to troop off to their hotels, Mr. Klovov, of the Union of Soviet Socialist Republics, made reservations about the financial consequences of the decisions taken.

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#### Limits on expenditure for 1961, 1962, 1963, 1964 and 1965

Discussion began again on Thursday morning with Document No. 431, showing estimated expenditure for the years 1961-1965.

Mr. Segal of the Belgian Congo proposed that the estimates of additional expenditure arising from decisions taken by the Radio Conference should just be struck out. These views were shared by Belgium, the Union of Soviet Socialist Republics, the People's Republic of Bulgaria, and the Federal People's Republic of Yugoslavia. Mr. Gracie, Vice-Chairman, I.F.R.B., said that no reductions could possibly be made in those figures.

Mr. Berrada (Morocco) explained that the instructions given by the Radio Conference gave no time limit for implementation. It would be better to try an experiment in a particular band and not to risk too much in some gigantic operation.

Mr. Segal's proposal was defeated by 42 votes to 22, with 6 abstentions, 22 countries being absent.

Mr. Caruso (Italy) then called for a 30% cut. That would be no tragedy for the International Frequency Registration Board; there was a trace of demagogy in the constant references to the "new and developing" countries. These views were approved by the Delegate of the Hungarian People's Republic, who said that the Plenipotentiary Conference was not the Union's Father Christmas, and by Mr. Klovov (Union of Soviet Socialist Republics). Mr. Nicotera (Italy) once more spoke up on his favourite themes, namely, that the Plenipotentiary Conference must wake up to its duties and prerogatives as a telecommunication plenipotentiary conference. The Radio Conference's instructions to the I.F.R.B. were just not practical; they were "poetical". There was demagogy in the air. He recalled the warnings he had repeatedly given in the Administrative Council in connection with the tasks entrusted to the I.F.R.B. by the Extraordinary Administrative Radio Conference. His voice had been the only one raised in the desert air. It was for the Plenipotentiary Conference to appraise and assess. There were the rich countries which paid, the poor ones which paid hardly anything, and the others.

Mr. J. A. Gracie again explained why the estimates had been based on the importance and nature of the tasks entrusted to the I.F.R.B. by the Radio Conference. A vote was necessary again. It was taken, after several speakers recalled the differences between a budget, a budget limit and estimates.

Mr. Nicotera's proposal was rejected by 38 votes to 26, with 3 abstentions. The limit for 1961 was set at 11,000,000 Swiss francs by 39 votes to 14, with 2 abstentions.

Thereupon the Conference decided, by 39 votes to 14, with 7 abstentions, that the limits should be:

1962 - 11,500,000 Swiss francs

1963 - 11,500,000 " "

1964 - 11,845,000 " "

1965 - 12,200,000 " "

Mr. Senk of Yugoslavia, and Mr. Drevet (France) said that experience showed that budget estimates always tended to follow the budget limit. Nobody challenged this verity.

The protocol:

The following information appears in the protocol about Union expenditure:

From 1961 to 1965:

I. The Administrative Council is authorized to draw up the Union's annual budget in a manner such that the annual recurrent expenditure of

the Administrative Council

the General Secretariat

the International Frequency Registration Board

the Secretariats of the International Consultative Committees

and the laboratories of the Union, with technical equipment, does not exceed the following figures:

1961 -	11,000,000	Swiss	francs
1962 -	11,500,000	"	"
1963 -	11,500,000	"	"
1964 -	11,845,000	"	"
1965 -	12,200,000	"	"

II. The Council can authorize non-recurrent expenditure and will try to keep them within the following limits:

1961 -	780,000	Swiss	francs
1962 -	1,184,000	"	"
1963 -	4,000,000	"	"
1964 -	3,225,000	"	"
1965 -	4,000,000	"	"

III. If there is neither a Plenipotentiary nor an Administrative Radio Conference in 1965 the sums mentioned above will be reduced by 1,000,000 and 2,120,000 Swiss francs respectively.

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THE BUILDING

The Mexican Government suggests that the Union consider transferring its headquarters to Mexico City

The Conference decided in favour of hiring its new building in Geneva by 30 votes to 20 in favour of purchase. There were 6 abstentions.

When discussion began on the problem of the new building, Mr. Carlos Nuñez Arollano, Head of the Mexican Delegation, made a most important statement in a most luminous and attractive way. He explained that his Government was suggesting that the Union should consider transferring its headquarters to Mexico City. He dwelt on the economic and social aspects of the present state of affairs, what the Secretary-General of the United Nations had said about the cost of living in Geneva, the fact that in April 1960, a special administrative committee would be asked to consider the question, and dwelt on the advantages of living in Mexico City, a world communication centre where the cost of living is 35% less than in Geneva, where there are 3,000 first-class hotel rooms, where there is a foreign colony 100,000 strong, where the sun shines two-thirds of the year, where building costs are 55% less expensive than in Geneva, where banks are ready to grant every credit facility, and where the Government is prepared to provide every possible assistance.

Mr. Nuñez said that the Assembly could not be expected to take a decision right away, but he would suggest that it set up a committee to consider conditions in Mexico City and discuss the matter with the Mexican Government. Two officials from the Secretariat would be invited by the Mexican Administration to do some research on the spot. A report would then be submitted to the Members and Associate Members, and the Administrative Council in May, 1960, would be able to consider the matter.

This proposal will be considered today.

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# THE MORNING ELECTRON

Vol. One - No. 96

G E N E V A

Saturday, 19 December, 1959

Published throughout the meetings

of the I.T.U. Conferences

## A G E N D A

Saturday, 19 December, 1959

### PLENIPOTENTIARY CONFERENCE

9.30 a.m.	Committee I	Room G - Bâtiment Electoral
11.30 a.m.	Plenary Meeting	Room A - Bâtiment Electoral
3.00 p.m.	Committee I	Room G - Bâtiment Electoral

### ADMINISTRATIVE RADIO CONFERENCE

9.00 a.m.	Committee 8	Room K - Bâtiment Electoral
11.30 a.m.	Committee 2	Room E - Bâtiment Electoral
3.00 p.m.	Committee 8	Room K - Bâtiment Electoral

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THE BUILDING (continued)

After discussing at some length - to the regret of certain delegates - whether the Opel van rented for the conference was to be kept or sold, the Plenipotentiary Conference reverted to the question of the building. Having applauded Mr. Max Petitpierre's election to the highest public office in the Swiss Confederation, the Conference reconsidered the proposal made the previous day by the representative of Mexico.

Mr. de la Fuente (Peru), and the representatives of Venezuela, Paraguay, the Argentine Republic, the United States, China and Ethiopia felt that such a proposal merited consideration, although that would not imply that the Union was in any way committed.

The Reverend Father de Riedmatten (Vatican City State) was not in favour of accepting the offer by the Mexican Government. It seemed to him inadvisable to prolong the instability which the Union appeared to show; he felt, moreover, that for a small agency like the I.T.U. it was an advantage to exist near a group of larger organizations, for the small organizations could enjoy the sunlight without being inconvenienced by the shadow cast by the larger ones. In addition, an attempt was being made at the present time to group the international organizations together rather than to scatter them about in isolation.

Mr. Jay (Canada) emphasized, as did Mr. Senk (Yugoslavia), that Article 3 of the Convention, which had already been adopted, specified that the seat of the Union should be in Geneva. Bearing in mind the instability, the increased work given to the Secretariat and the competition between the various countries, the representative of Canada did not consider that the Mexican proposal could be adopted in its present form. On a motion of order, Mr. Senk then proposed that the discussion be adjourned for the duration of the Geneva Conference. A roll call vote was taken with the following result: In favour of the Yugoslav motion: 31; against: 18; abstentions: 14. Twenty-nine delegations were absent when the vote was taken.

During the afternoon, before reverting to the question of the building, a further discussion took place on Hungary and China. Mr. Klovov (U.S.S.R.) explained the attitude of the U.S.S.R., the Bielorussian S.S.R., the Ukrainian S.S.R., the People's Republic of Albania, the F.P.R. of Yugoslavia, the People's Republic of Poland, Czechoslovakia, the Bulgarian People's Republic and the Roumanian People's Republic in the matter. Mr. Tsune-chi Yu, head of the Chinese delegation, quoted Pandit Nehru and Martin Luther. The findings in the report by the Credentials Committee were approved.

It was then decided that the Secretary-General - who, Mr. Lan-genberger (Switzerland) pointed out, could not be treated as though he were a "little boy" - was empowered to negotiate and conclude an agreement with the Swiss authorities concerning the rental, with the possibility of purchase, of the building where everyone hoped the Union would soon be able to take up residence with its present Secretariat and the additional specialized Secretariat of the I.F.R.B.

At this stage in the discussion the Federal Republic of Germany announced that it would install the telephone service in the new building and the delegation of Australia said it would provide some of the furniture.

Introducing the report by the Committee of which he was Chairman, Mr. de Wolf stated that the relations between the I.T.U. and the United Nations were now close, useful and profitable. He emphasized the seriousness of the technical assistance problems in the sphere of telecommunications. The Reverend Father de Riedmatten (Vatican City State) then said that his delegation attached great importance to the problems of international co-operation and technical assistance and, raising the discussion to a rather higher plane, he went on to speak of the moral problems inherent in the responsibilities of the Union, a pre-eminently technical organization. Among the many moral problems, one was to ascertain whether the "haves" were prepared to sacrifice themselves for the "have-nots". Paying a tribute to the Chairman, Mr. de Wolf, the Reverend Father de Riedmatten congratulated him for having shown faith and confidence.

The signing of the new Radio Regulations and the new International Telecommunication Convention would take place the following Monday at 4 p.m.

At that formal meeting the new Secretary-General of the Union, Mr. Gerald C. Gross, and the Deputy Secretary-General, Dr. Sarwate, would take the oath.

THE NEW VICE-CHAIRMAN OF THE ADMINISTRATIVE COUNCIL

Vladimir Senk, Deputy Director of the PTT of the Federal People's Republic of Yugoslavia, was born in 1904 in Ljubljana, Slovenija, Yugoslavia.

Graduated in 1928 from the Faculty of Economic Science. Occupied several high posts in the Yugoslav PTT.

Took an active part in the liberation of his country and was highly decorated.

Director of PTT in Slovenija since 1945.

In 1947, appointed Deputy Minister in the Yugoslav PTT.

Since 1951, Deputy Director General of the PTT of the Federal People's Republic of Yugoslavia.

Participated in 1946 at various International PTT Conferences and Telecommunication.

Representative of the Federal People's Republic of Yugoslavia in the ITU Administrative Council in 1955.

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# THE MORNING ELECTRON

Vol. One . No. 97

G E N E V A

Monday, 21 December, 1959

Published throughout the meetings of the  
I.T.U. Conferences

## A G E N D A S

Monday, 21 December, 1959

### PLENIPOTENTIARY CONFERENCE

10.30 a.m. Plenary Meeting Room A - Bâtiment Electoral

### ADMINISTRATIVE RADIO CONFERENCE

2.30 p.m. Plenary Meeting Room A - Bâtiment Electoral

4.30 p.m. Last Plenary Meeting of Room A - Bâtiment Electoral  
the two conferences (signing  
of the Convention and Radio  
Regulations; oaths by the  
new Secretary-General and  
Deputy Secretary-General)

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N O T I C E

What follows is not intended for radio experts, and certainly not for the specialists in the International Radio Consultative Committee, I.F.R.B. and secretariats.

It has been hastily drafted in advance of the various ceremonies:

- a) for those delegates who have asked us to produce a readily digestible general document helping them to explain, when they get home, what they have been up to in Geneva during the last four months;
- b) for our colleagues in press and radio who want a brief bird's-eye view of what has been achieved by the two Conferences.

A SPLENDID PIECE OF NEWS

We are at once glad and sorry to announce that the last number of the Morning Electron will appear to-morrow, Tuesday, 22 December, 1959.

#### WHAT THE GENEVA CONFERENCES HAVE ACHIEVED

The two conferences convened by the International Telecommunication Union (the Ordinary Administrative Radio Conference, which has been sitting ever since 17 August last, and the Plenipotentiary Conference, which began on 14 October, 1959), have now come to an end.

Two documents, constituting veritable international treaties, have been signed by the representatives of eighty-nine countries :

- the new International Telecommunication Convention, replacing, or more precisely amending the Buenos Aires Convention (1952) ;
- a new set of Radio Regulations.

The new Convention will take effect on 1 January, 1961, and the new Radio Regulations on 1 May, 1961. Hence additional protocols had to be signed so that certain major decisions (dealing, for example, with the newly-constituted Administrative Council, the new Secretary-General and Deputy Secretary-General, and changes made in the budget system) could take effect forthwith.

Numerous recommendations and resolutions were adopted.

The Chairman of the Plenipotentiary Conference was Mr. J.D.H. van der Toorn, Head of the Dutch Delegation.

The Chairman of the Radio Conference was Mr. Charles J. Acton, Head of the Canadian Delegation.

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The Plenipotentiary Conference took decisions of very great importance, affecting the way the Union is organized, how it is run, and the direction of its future development.

- The Administrative Council will henceforward have twenty-five Member-countries, to ensure a more equitable representation of the various parts of the world (the Americas, Western Europe, Eastern Europe and Northern Asia, Africa, Asia and Australasia), in line with recent political changes and the requirements of the "new and developing" countries.

- The Secretary-General and Deputy Secretary-General will henceforward be elected by the Plenipotentiary Conference itself, and not by the Administrative Council.

- It became very apparent at the Geneva Conferences that the Union attaches great importance to its links with certain specialized agencies, like I.C.A.O., W.H.O., and U.N.O., and with the United Nations itself.

- It was decided that the I.T.U. should join the United Nations Common System (salaries, pensions, conditions of employment, etc.).

- The Union would take a greater share in the United Nations Expanded Programme of Technical Assistance, and the Union would itself manage its own Technical Assistance schemes. The Union will also play a greater part in the United Nations Special Fund for Economic Development. In the field of Technical Assistance, the Union's "Consultative Committees" - the International Radio Consultative Committee and International Telegraph and Telephone Consultative Committee - will have a most important part to play in helping countries saddled with underdeveloped telecommunication systems, as well as in the purely technical sphere.

The Telecommunication Plan for Europe, the Mediterranean Basin, Southern Asia and the Far East will be extended to Latin America.

- Henceforward Russian will be used at Union conferences as a spoken language, like English, Spanish, and French.

- The Union's budget for the next few years will be considerably increased to enable it to cope with the multitude of new tasks it has to shoulder. In 1959, the ordinary budget amounted to 6,712,550 Swiss francs.

In 1960 it will amount to 9,000,000 Swiss francs  
In 1961 it will amount to 11,000,000 Swiss francs  
In 1962 it will amount to 11,500,000 Swiss francs  
In 1963 it will amount to 11,500,000 Swiss francs  
In 1964 it will amount to 11,845,000 Swiss francs  
And in 1965, to . . . . . 12,200,000 Swiss francs

The basic task of the Administrative Radio Conference was to undertake an orderly international apportionment of radio frequencies between what are called the "services" ("fixed" and "mobile", amateurs, "maritime radionavigation" and "aeronautical radionavigation", meteorology, "maritime mobile" and "aeronautical mobile" stations, broadcasting, etc. - to use traditional I.T.U. terminology). It had to undertake a most thorough overhaul of frequency allocations, making due allowance for the extraordinary expansion of certain "services",

such as the "aeronautical" and broadcasting ones, while making provision for the requirements of radio astronomy and of the research organizations which need frequencies for space communications.

There can be no doubt that the most important articles of the new Radio Regulations are Articles 9 and 10, dealing with the notification and registration of frequencies in the "Master International Frequency Register", and the procedure applicable to the bands allocated exclusively to broadcasting between 5,950 Kc/s and 26,100 Kc/s.

New duties were assigned to the International Frequency Registration Board (I.F.R.B.), a body of a most peculiar kind. It is made up of eleven independent members, all nationals of different countries. They are expected to act, not as representatives of their countries, but as impartial advisers and custodians of an international public trust.

The duties of the I.F.R.B. are to facilitate the use of the maximum number of radio channels in those parts of the spectrum where harmful interference may occur. It is expected to be particularly attentive to the needs of the "new and developing" countries. It will compile and keep up-to-date what is known as the "Master International Frequency Register", which will be an international frequency list of a realistic kind. Furthermore, the I.F.R.B. is to publish eight coordinated high-frequency broadcasting schedules every year, each of them equivalent, in fact, to a world-wide plan for high-frequency broadcasting.

A little panel of specially-chosen experts is to be set up, its members to be highly qualified in large-scale telecommunication planning, high-frequency broadcasting, land-lines and underwater cables, broadcasting techniques, radio relay systems, scatter techniques and space communications. Their investigations will enable action to be taken to reduce the congestion in the frequency bands between 4 and 27.5 Mc/s. The International Radio Consultative Committee will continue its research into radio communications with and between artificial satellites and space vehicles. In 1963 a special conference will consider the problem of space communications with an eye to the peaceful use of outer space. Special arrangements have been made for the use of the bands 7,000 to 7,100 Kc/s and 7,100 to 7,300 Kc/s by amateurs and broadcasting services. A special regional conference is to meet not later than 1 May, 1960, to devise agreements and plans for the bands 68-73 Mc/s and 76-87.5 Mc/s, and a special handbook for the "mobile services" will be issued as soon as possible.

The frequency allocation table in the new Radio Regulations gives a diagrammatical explanation (with full details) of how the radio spectrum should be used in May, 1961.

Considerable sums have been set aside for the conferences and meetings to be held between now and the next Plenipotentiary Conference, which will in all probability meet in Geneva in 1965, on the occasion of the Union's centenary. The Government of the Swiss Confédération has already invited the Union to celebrate the occasion here.

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#### ELECTIONS IN GENEVA DURING THE TWO CONFERENCES

The following were elected :

Secretary-General : Mr. Gerald C. Gross (United States)

Deputy Secretary-General : Dr. M.B. Sarwate (India)

Members, International Frequency Registration Board :

Mr. F. Dellamula (Argentina)

Mr. Alfonso Hernández Catá y Galt (Cuba)

Mr. John H. Gayer (United States)

Mr. R. Petit (France)

Mr. J.A. Gracie (United Kingdom of Great Britain  
and Northern Ireland)

Mr. M. Flisak (People's Republic of Poland)

Mr. N.I. Krasnosselski (Union of Soviet Socialist  
Republics)

Mr. N.H. Roberts (Union of South Africa)

Mr. T.K. Wang (Republic of China)

Mr. S. Hase (Japan)

Mr. M.N. Mirza (Pakistan)

Members, Administrative Council :

Region A (the Americas) :

Argentine Republic

Brazil

Canada

Republic of Colombia

United States

Mexico

Region B (Western Europe) :

Spain

Italy

Federal Republic of Germany

France

Switzerland

United Kingdom of Great Britain and Northern  
Ireland

Region C (Eastern Europe and Northern Asia) :

Federal People's Republic of Yugoslavia

Czechoslovakia

Union of Soviet Socialist Republics

Region D (Africa) :

Ethiopia

Kingdom of Morocco

United Arab Republic

Tunisia

Region E (Asia and Australasia) :

Commonwealth of Australia

Republic of China

Republic of India

Iran

Japan

Republic of the Philippines



# THE MORNING ELECTRON

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G E N E V A

Tuesday, 22 December 1959

A GENERAL WINDING-UP OF BUSINESS

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### THE CURTAIN FALLS

Thus the two I.T.U. Conferences, at which a new International Telecommunication Convention and new Radio Regulations were laboriously engendered, have at last come to an end.

Yesterday afternoon the delegates who made up the rearguard in Geneva signed what will next year constitute a charter for telecommunication. In accordance with custom, the Chairmen, the Secretariat and the interpreters, have received compliments, bouquets and congratulations. The play is over. The curtain falls.

It might not, however, be devoid of interest to acquaint our readers with a carefully-prepared improvised address, delivered to an inattentive audience at the last plenary meeting of the two conferences. The text is one which is unlikely to find its way into the Union's archives. Here is an extract from the minutes.

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The Chairman : I give the floor to the Director of Public Relations, the Editor in Chief of the Morning Electron.

The Director of Public Relations : Mr. Chairman, I shall not be brief. I shall speak neither of Hungary nor of China. I shall call for no secret ballot. I shall not claim that I am in full agreement with my opponents and that what divides us is just a misunderstanding. What I shall say is of great importance and I shall not ask for its inclusion in the minutes.

You might be interested to know that during August, September, October, November and December of this year, more articles appeared in the Swiss press alone about the I.T.U. than were published on that theme between 1865 and the present day. The major international press agencies, the major newspapers throughout the world, the principal radio stations and a few television ones have taken an interest in the aims and achievements of the I.T.U. and the work done by the two conferences in Geneva. Indeed, the New York Times published a report on the activities of the working party dealing with space communications even before the delegates here had time to read the documents in question. I have available, for your inspection, cuttings from American, English, Russian, Japanese, Czech, Brazilian and other papers, proving that the entire world has heard something about the I.T.U. and its conferences. In addition, the

United Nations Communication Centre in Geneva and the twenty-eight United Nations Information Centres scattered throughout the world have spread news about the austere activities of these Conferences, and about the Union's aims and working procedures.

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Like any other member of this Assembly, I can bring out facts and figures, and I would take advantage of this opportunity to acquaint you with some in connection with the work of those who have received their share of compliments, even though few people were really aware of all that they had accomplished. Here then, Mr. Chairman, are some data about document production during the two Geneva Conferences by the workers installed in the Palais des Expositions:

Total number of typed pages issued by the  
Typing Pool in the Palais des Expositions  
between 17 August and 20 December, 1959.....36,000 pages (2,000 pages  
a week).

Number of pages typed by the Typing Pool  
during the week from 23 to 29 November,  
1959 (a record).....3,120  
representing a total of mimeographed  
pages of about.....1,430,000 for one single week.

As an example, for a random period of twenty-four hours :

Documents delivered by the Palais des  
Expositions to the Bâtiment Electoral  
between

and 3 December, at 0800 hours ( 22 Plen. Conference  
4 December, at 0800 hours.....62 ( 40 Radio Conference

These 62 documents represent :

Typed pages	535
Mimeographed sheets	189,200

Staff employed by the Documents Section for the peak period : 150 persons (to provide continuous service covering almost 24 hours a day seven days a week).

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As a professional journalist and international official, I should like to say very vigorously indeed, not only for the benefit of this august Assembly but also for that of my colleagues at large, that although it may be amusing to publishing a trilingual journal for the specialist delegates speaking almost every known language, the enterprise is rather like a labour of Hercules. It might perhaps work if the delegates themselves lent a hand. But out of perhaps a thousand delegates and observers there have been three only - Messrs. Searle, Keith and Bourne - who have kept us regularly supplied with news of events inside the ninety or so committees, sub-committees, and working parties.

I have observed once more that although communications may have done much for the progress of mankind, a sense of humour is the rarest thing of all, and that ninety-nine per cent of supposedly intelligent people can see a joke only when it doesn't affect them.

I have been amused, and also saddened, to observe that we were always considered an agent of international communism if we reported the adoption of a Soviet proposal, and an agent of international capitalism if we said that a United States proposal might prove acceptable.

Excuse me, Mr. Chairman, if emotion makes it hard for me to speak. I have no words left to say how much I admire that admirable organ of the Union - the International Frequency Registration Board - that body which has no peer anywhere else in the world, that body which partakes of the human and the divine, the eleven canons of which are at once administrators, scientists and high priests, humble men withal despite their exalted mission.

If some day my faith should lapse, my courage falter, I have merely to turn to the admirable statements (spontaneous or not) made by Mr. Gracie during these Conferences to derive fresh reserves of tenacity and self-confidence.

May Divine Providence, as reward for loyal services, spare me to attend the ceremonies when, one day, delegates from the four corners of the earth, from Region A, from Region B, and Region C, from Region D, and from Region E, shall assemble before a rejoicing throng to receive the Register, the International Frequency List, and the International High-Frequency Broadcasting Plan from the hands of the High Priests.

Mr. Chairman, I have had my say. I thank you.

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"Our short-lived fellow-organ, the Morning Electron, published throughout the I.T.U. Conferences, manages to provide accurate information, expressed with a subtle humour, about even the gravest matters, and that is no mean achievement."

Journal de Genève, 25 November, 1959

"The United Nations press room has not seen anything like it since the Atomic Conference. Editors from all over the world are cabling their correspondents here requesting stories on that "mysterious" International Telecommunications Union which has been holding its conference in Geneva for almost four months. The job of writing about the activities of this important organization has been made immeasurably less difficult now that the I.T.U. has a press officer in the zesty Mr. Boussard whose humour oiled the gears in the journalists' minds as they reported on the complex, highly technical activity of the I.T.U. Conference currently in session."

Geneva Diplomat, 15 December, 1959

"It (the Conference) has a daily journal, the "Morning Electron" which gives delegates and press additional information to that supplied in records of meetings. The bulletin is written in a lively language and differs in every respect from the press releases issued by United Nations bodies, which, both in style and substance, are generally like indigestible official documents. It is edited by a specially hired public relations man - an innovation in United Nations practice which can profitably be copied at other United Nations sponsored conferences both here and in New York."

The Baltimore Sun, 29 August, 1959

LAST MINUTE ADDITION

Just as the signing and oath-taking ceremonies were to take place, the news reached Geneva that Mr. Jacob Lourens de Vrief, of the Union of South Africa was dead. Delegates of both Conferences paid tribute to his memory by a minute's silence.

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