



INTERNATIONAL TELECOMMUNICATION UNION

**TELECOMMUNICATION
DEVELOPMENT BUREAU**
ITU-D STUDY GROUPS

Document 2/088-E
9 July 1999
Original: English

SECOND MEETING OF STUDY GROUP 1: GENEVA, 30 AUGUST - 3 SEPTEMBER 1999
SECOND MEETING OF STUDY GROUP 2: GENEVA, 6 - 10 SEPTEMBER 1999

FOR ACTION

Question 9/2: Identify study group Questions in the ITU-T and ITU-R Sectors which are of particular interest to developing countries and systematically, by way of annual progress reports, inform them of the progress of work on the Questions to facilitate their contributions to the work on those Questions as well as, ultimately, to benefit from their outputs in a timely manner

STUDY GROUP 2

SOURCE: RAPPORTEUR FOR QUESTION 9/2

TITLE: REPORT OF THE RAPPORTEUR'S GROUP MEETING ON QUESTION 9/2,
GENEVA, 19-20 MAY 1999

Action required:

Delegates are invited to discuss the proposals and decide on the actions to proceed with.

Abstract:

This report contains the results of the Rapporteur's Group meeting on Question 9/2, which was held in Geneva on 19 and 20 May 1999.

Contact point: Mr. N. Kisrawi, Rapporteur for Question 9/2
Tel. +41 22 7988451/Fax: +41 22 7889251

1. Introduction

In addition to the ITU Focal Points and staff, the meeting was attended by three representatives from three different countries only (See Annex 1: List of participants).

2. Agenda

The Agenda (Document RGQ9/2/001) as proposed by the Rapporteur was accepted (See Annex 2).

3. Results of the meeting

The Rapporteur presented Document RGQ9/2/002 (See Annex 3) containing his proposals to the meeting. After careful consideration and discussions, the meeting decided to propose to the Rapporteur's Group meeting in September 1999 the following proposals for adoption:

3.1 Guidelines for the selection of those Questions of particular interest to developing countries

- 3.1.1 Questions relevant to maintenance
- 3.1.2 Questions relevant to the acquisition of propagation data
- 3.1.3 Questions relevant to spectrum management
- 3.1.4 Questions relevant to the protection of installations and equipment
- 3.1.5 Questions relevant to international telephone tariffs and accounting
- 3.1.6 Other additional Questions selected in the last cycle, tabulated in Document 2/022 of the Study Group 2 meeting of September 1998.
- 3.1.7 Relevant Questions emanating from ITU conferences

In tabulating those Questions by their parent Study Groups in the other two Sectors, the following additional guidelines should be used for finalizing this list:

- a. drop any Question under treatment directly by either ITU-D Study Group 1 or 2, or by one of the BDT Focus Groups
 - b. drop any Question for which the ultimate result(s) is (are) recommendation(s) addressed to the industry for manufacturing
 - c. seek the views of relevant counsellors in the other two Sectors, in particular Dr. K. Hughes (representing the Radiocommunication Bureau) and Mr. P. Rosa (representing the Telecommunication Standardization Bureau) in the final selection of these Questions
- 3.1.8 Due to the limited number of participants to the Rapporteur's Group meeting, it is proposed that the meeting in September 1999 will finalize the list of Questions, taking into consideration the list appearing in Document 2/022 of last year and the guidelines agreed.

3.2 Listing of relevant recommendations

As agreed by the meeting of September 1998 for each Question, the relevant recommendations should be mentioned with their scopes, if available.

3.3 Listing of Handbooks, relevant Reports, Manuals and Supplements issued by the other two Sectors

It is proposed to prepare two independent lists to be attached to the annual progress report as follows:

- 3.3.1 Handbooks and relevant Reports of the Radiocommunication Sector with a list on the scope for each
- 3.3.2 A list of all relevant Manuals and Supplements of the Telecommunication Standardization Sector
- 3.3.3 To nominate a group of participants of the September 1999 meeting to help the Rapporteur in finalizing the two lists

3.4 Technical arrays

As regards this issue, the Rapporteur's Group proposes:

- 3.4.1 To drop those technical arrays which are handled by a special Question:
 - a. Digital, audio and video broadcasting with relative interactivity, being the subject of Question 11/2
 - b. Broadband transmission over existing copper wire loops, being the subject of Question 12/2
- 3.4.2 To update the technical material attached to the Report on Question 1/2 of the last study cycle:
 - a. The Geostationary, Non-Geostationary FSS and MSS system capabilities
 - b. Frequency Agile systems
 - c. Stratospheric telecommunication service
- 3.4.3 To add any additional technical array proposed by the September 1999 meeting

3.5 Radio-amateur issues

- 3.5.1 It is proposed to continue within Question 9/2 with the sub-group, headed by an Associate Rapporteur dealing with radio-amateur issues. The meeting proposed to continue with Mr. Larry Price, Secretary-General of IARU, as Associate Rapporteur for this issue chairing such a sub-group.
- 3.5.2 The meeting finalized the text for the draft new Recommendation on "Effective utilization of the amateur services in disaster mitigation and relief operations" (see Document 2/010(Rev.1) to be distributed at the meeting of Study Group 2, 6-10 September 1999). The Study Group meeting is invited to consider the adoption of this new recommendation.
- 3.5.3 The meeting received a proposal from IARU to develop a handbook on disaster communications, contained in Document RGQ9/2/003. The meeting welcomed this proposal and decided to transfer it for consideration and decision to the Rapporteur's Group meeting on Question 16/2 in September 1999 (see document 2/079 to be distributed at that meeting).

3.6 Structure of the yearly progress report

The meeting proposed the following structure of this report:

- 3.6.1 An introduction with concentration on the objectives of the Question

- 3.6.2 A radiocommunication chapter (Questions, Recommendations, Handbooks and relevant Reports)
- 3.6.3 A telecommunication standardization chapter (Questions, Recommendations, Manuals and Supplements)
- 3.6.4 The updated documents for the Technical arrays
- 3.7 Draft Agenda for the September 1999 meeting

The meeting formulated a draft Agenda (see the separate Agenda for the Rapporteur's Group meeting on Question 9/2).

4. Conclusions

Although the meeting was successful, but due to the limited number of participating Administrations and sector members, main decisions were not taken and the major results were proposals only. It is recommended that the Study Group set directives for a minimum number of Administrations and sector members to participate in a Rapporteur's Group meeting in order for such meeting to be convened.

[Insert list of participants]



**TELECOMMUNICATION
DEVELOPMENT BUREAU**

ITU-D STUDY GROUPS

**RGQ9/2/001-E
4 May 1999
Original: English only**

**Meeting of Rapporteur's Group on Question 9/2
Geneva, 19-20 May 1999**

Question 9/2: Identify study group Questions in the ITU-T and ITU-R Sectors which are of particular interest to developing countries and systematically, by way of annual progress reports, inform them of the progress of work on the Questions to facilitate their contributions to the work on those Questions as well as, ultimately, to benefit from their outputs in a timely manner

SOURCE: TELECOMMUNICATION DEVELOPMENT BUREAU

TITLE: DRAFT AGENDA OF THE MEETING OF THE RAPPORTEUR'S GROUP ON QUESTION 9/2, GENEVA, 19-20 MAY 1999

Documents

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|-----|---|------------------------------|
| 1. | Opening and approval of Agenda | RGQ9/2/001 |
| 2. | Results of the meeting of Study Group 2, September 1998: | 2/REP/001 (Rev.1)*
2/022* |
| 2.1 | Discussions of the Guidelines and approved principles (Proposal of Rapporteur) | RGQ9/2/002 |
| 2.2 | Study Questions relevant to the next Radio Conference based on an analysis of the Agenda of WRC 2000 (see WRC97 Res.721, as modified by the ITU Council 1998) | |
| 2.3 | Revision of the report technical arrays of the last cycle | RGQ9/2/002 |
| 2.4 | Study situation on handbooks and supplements | RGQ9/2/002 |
| 2.6 | Structure of the progress report (see first study period report) | RGQ9/2/002 |
| 2.6 | IARU proposal | 2/010* |
| 3. | Proposed draft agenda for the September meeting | |
| 4. | Other business | |

- Documents distributed at the September 1998 meeting of Study Group 2



**TELECOMMUNICATION
DEVELOPMENT BUREAU**

ITU-D STUDY GROUPS

RGQ9/2/002-E

6 May 1999

Original: English only

**Meeting of Rapporteur's Group on Question 9/2
Geneva, 19-20 May 1999**

Question 9/2: Identify study group Questions in the ITU-T and ITU-R Sectors which are of particular interest to developing countries and systematically, by way of annual progress reports, inform them of the progress of work on the Questions to facilitate their contributions to the work on those Questions as well as, ultimately, to benefit from their outputs in a timely manner

SOURCE: RAPPORTEUR FOR QUESTION 9/2

TITLE: PROPOSAL FOR THE WORK ON QUESTION 9/2

The Study Group 2 meeting in September approved the proposal of the Rapporteur's meeting on Question 9/2 (see Document 2/REP/001 (Rev.1)) based on the text of Document 2/022. The decision of the Study Group is reflected in the following headings:

1. Review of Guidelines for the selection of Questions based on the following criteria:

- (a) Questions related to maintenance;
- (b) Acquisition of propagation data for tropical zones;
- (c) Protection of telecommunication installations and equipment;
- (d) International telephone tariffs and accounting;
- (e) drop any Question already under treatment by the development sector;
- (f) drop any Question which ultimate products are addressed to manufacturers;
- (g) select relevant Questions which are adopted by ITU Conferences (Radiocommunications, Development or Standardization). This to include also those emanated from Plenipotentiary Conferences based on clear analysis of their expected results;

2. Prepare the list of Questions for each sector separately, add to that the summary and/or scope of the corresponding Recommendations, if available

3. Prepare an independent list of Handbooks of the radiocommunication sector as an independent document (with some analysis and if needed add scope)

4. Prepare an independent list of Manuals and Supplements of the Standardization sector (with some analysis, to drop old ones, and if needed add scope)

5. Prepare a draft Recommendation on the effective utilisation of the amateur services in disaster mitigation and relief operations
6. Review those technology arrays of particular concern to developing countries
7. The output of this Question should be a yearly progress report

2. PROPOSALS:

2.1 Questions for the radiocommunications sector

2.1.1. ITU-R Study Group 1 (Spectrum management)

- (a) Drop Question 205/1, being handled by WTDC Resolution No. 9
- (b) Prepare a better list, include reference to the work of Question 12/1 on tariffs which is in the mandate of Study Group 1
- (c) Add scope of the relevant Recommendations
- (d) Emphasise the importance of this ITU-R Study Group 1 (BASM, ASMS, Questionnaire, etc.) and the relevance to the work in Study Groups 1 and 2 of the development sector.

2.1.2. ITU-R Study Group 3 (Radiowave Propagation)

- (a) Special attention to the analysis of Recommendation ITU-R P.1144 with the new revision adopted in March this year (see Document ITU-R 3/49 Rev.1)
- (b) Based on the analysis, decide to keep the old list of Questions or not?

2.1.3. ITU-R Study Group 4 (Fixed Satellite service)

- (a) No Question was selected in the past
- (b) Mainly work is in response to WRC Resolutions
- (c) Consider the user guide for satellite news gathering (SNG) as an output to be included in the progress report
- (d) Its role as regards sharing studies for WRCS

2.1.4. ITU-R Study Group 7 (Science services)

- (a) Analyse the total list of Questions
- (b) Revision of the old selected Questions

2.1.5. ITU-R Study Group 8 (Mobile Radio determination, Amateur and related Satellite services)

- (a) Revision of all Questions
- (b) Revision of all relevant WRC Resolutions
- (c) Propose new approach for this Study Group as regards:
 - Amateur services (Questions, Recommendations, etc.)
 - IMT 2000
 - GMPCS terminals

- Maritime and Aeronautical Recommendations
- Paging

2.1.6. ITU-R Study Group 9 (Fixed services)

- (a) Revision of all Questions
- (b) Revision of all WRC Resolutions with relevance to this Study Group
- (c) Propose new approach for this Study Group as for Study Group 8:
 - HF issues
 - the general Recommendation for channelling
- (d) A better analysis of its work

2.1.7. ITU-R Study Groups 10 and 11 (Broadcasting services, sound and television)

- (a) Take note of the wish to merge the two Sub-groups in one Study Group
- (b) Review of Questions already selected
- (c) Provide proper linkage with Question 11/2 of the development sector relevant to Digital Broadcasting

2.1.8. Other relevant issues for the Radiocommunication sector

A new chapter to be proposed, if accepted it should cover:

- 2.1.8.1 The role of the radiocommunications sector, RA, RAG and WRCS.
- 2.1.8.2 The Conference Preparatory Meeting mechanism
- 2.1.8.3 The Special Committee

2.2 Questions of the standardization sector

2.2.1 ITU-T Study Group 2 (network and service definitions)

- (a) Review of Question with relevant Recommendation
- (b) The new issue of numbering for IP-based network (see WTSC Resolution 20)
- (c) Call-back issue

2.2.2 ITU-T Study Group 3 (Tariffs and accounting principles including related telecommunications economic and policy issues)

- (a) The special role of this Study Group to the work of the development sector
- (b) Review of the Questions and Recommendations
- (c) Relation with Question 12/1 of ITU-D Study Group 1

- 2.2.3 ITU-T Study Group 4 (TMN and network maintenance)
 - (a) Revision of selected Questions
 - (b) Revision of relevant Recommendations

- 2.2.4. ITU-T Study Group 5 (Protection against electromagnetic environment effects)
 - (a) Revision of selected Questions
 - (b) Revision of relevant Recommendations
 - (c) Should manual appear here or separately including the guidelines?

- 2.2.5. ITU-T Study Group 6 (Outside plant)
 - (a) Revision of selected Questions
 - (b) Revision of relevant Recommendations
 - (c) Request for guidelines for the use of Study Group 6 Recommendations (draft a liaison statement)

- 2.2.6. ITU-T Study Group 7 (Data networks and open system communications)
 - (a) Revision of selected Questions and relevant Recommendations

- 2.2.7. ITU-T Study Group 8 (characteristics of telematic systems)
 - (a) Review of existing Questions and relevant Recommendations

- 2.2.8. ITU-T Study Group 9 (television and sound transmission)
 - (a) Review of existing Questions
 - (b) Create proper liasing with the work of ITU-D Study Group 2 on Question 11/2

- 2.2.9. ITU-T Study Group 10 (languages for telecommunication applications)
 - (a) Revision of existing situation

- 2.2.10. ITU-T Study Group 11 (signalling requirements and protocol)
 - (a) Revision of existing Questions
 - (b) Its role in IMT-2000
 - (c) Its role in call-back issues

- 2.2.11 ITU-T Study Group 12 (end-to-end transmission performance of networks and terminals)
 - (a) Revision of existing Questions

2.2.12 ITU-T Study Group 13 (general network aspects)

- (a) Revision of existing Questions
- (b) Its lead role in GII and the IP-based networks

2.2.13 ITU-T Study Group 15 (transport networks, systems and equipment)

- (a) Revision of existing Questions

2.2.14 ITU-T Study Group 16 (multimedia services and systems)

- (a) Revision of existing Questions
- (b) Its particular role for modems

2.2.15 Other relevant issues for the standardization sector

A new Chapter to be proposed, if accepted it should cover:

2.2.15.1 Role of the bureau

2.2.15.2 Role of TSAG

2.2.15.3 WTSC (in the future WTS Assembly)

2.3 **Handbooks for the Radio Sector**

- Update list with brief introduction of each

2.4 **Manuals and supplements for the standardization sector**

- Update list based on clear analysis

2.5 **Discussions of the proposed Recommendation on Amateur Services**

2.6 **Proposals on any technical array and the follow-up of the old ones**

- Update of the materials in the old report

2.7 **Proposal on the structure of the yearly progress report**

2.7.1 Introduction with concentration on the objectives of this Question (Chapter 1)

2.7.2 Radiocommunications sector role and activities (Chapter 2)

2.7.2.1. Radiocommunications sector activities

2.7.2.2. Radiocommunications sector Questions, Recommendations

2.7.2.3. Radiocommunications sector handbooks

2.7.3 Standardization sector (Chapter 3)

2.7.3.1. Standardization sector role and activities

2.7.3.2. Questions and Recommendations

2.7.3.3. Manuals and supplements

2.8 **Timetable for the production of the draft report with identification of authors and date limit for the contribution**

2.9 **Draft Agenda for the Rapporteur's Group meeting in September**
