



INTERNATIONAL TELECOMMUNICATION UNION  
TELECOMMUNICATION  
DEVELOPMENT BUREAU  
ITU-D STUDY GROUPS

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

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*FOR ACTION*

Question 16/2: Preparation of Handbooks for developing countries

### STUDY GROUP 2

SOURCE: RAPPORTEUR FOR QUESTION 16/2

TITLE: PROGRESS REPORT BASED ON THE DRAFT AGENDA PROPOSED BY  
THE RAPPORTEUR ON QUESTION 16/2

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**Action required:** The Group is invited to take note of the progress achieved so far and to decide on the Handbooks/fascicles to be produced as well as on their timing.

**Abstract:** The document contains a report on the progress achieved so far in preparing the Handbooks.

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**Agenda item 2: Handbook on new developments in rural telecommunications**

The Handbook has been finalized, translated and is now in the process of being published. The publication is expected for end of August 1999.

**Agenda item 3: Handbook on the economic organizational and regulatory aspects of national spectrum management**

The Handbook has been finalized, is being translated and is now in the process of being published. The publication is expected for end of August 1999.

**Agenda item 4: Handbook on New Technologies and New Services**

It is proposed to split the existing Handbook into four Fascicles (see Document 2/089). Several letters were sent asking for written contributions to the different fascicles. Mrs. Natasa Gospic is supervising and coordinating the four fascicles.

**Fascicle H.1 - New technologies supporting new networks**

**Chapter: 1: Introduction and general review**

The introduction will be written by Mrs. Gospic when all the contributions have been received on all the Chapters of the fascicle.

**Chapter 2: New Transport media technologies (Optical fibers, radio, satellite)**

The contribution on optical fibers has been received from Mr. Rahe, Alcatel. Contributions on satellite aspects are expected from Mr. Parlow, Iridium, and Mr. Hyde, ICO Global Communications.

Concerning radio aspects, we have not received any reply. We need to find contributors.

**Chapter 3: Digital switching systems**

We still need a contribution.

**Chapter 4: - New signalling system and SS No. 7**

Mr. Distler, France, is expected to send a contribution

**Chapter 5: - Synchronisation methods**

A contribution has been received from Mr. Shmaliy, Ukraine.

**Chapter 6: - Digital Transmissions (SDH, WDM, ATM, xDSL)**

Mr. Widl, Sweden, sent a contribution on SDH, WDM & ATM. The xDSL part will be covered by Question 12/2. To be discussed later.

## **Fascicles H.2 - Telecommunications systems networks and services**

### **Chapter 1: Introduction and general review**

It will be written by Mrs. Gospic when all contributions have been received on Chapters 2 to 10.

### **Chapter 2 - Digital switched networks and services (PSTN, ISDN, IN, X.25, Frame relay, ATM)**

A contribution on the whole Chapter has been received from Mr. L. Chae Sub Chairman, ITU-T, WP 1/13.

Mr. F. Rahe, Alcatel sent a contribution on digital network and services.

### **Chapter 3 - Satellite networks**

We have received a contribution from Mr. Adler, Globalstar. Other contributions are expected from Mr. Parlow, Iridium, and Mr. Hyde, ICO Global Communications, and Mr. Bairi (BDT).

### **Chapter 4: Mobile digital cellular systems, networks and services**

A contribution is expected from Mr. Costa, Nortel Networks, in September 1999.

### **Chapter 5: Local (access) networks**

A contribution is also expected from Mr. Costa, Nortel Networks in September 1999.

### **Chapter 6: Network and service management**

Mrs. Gospic is preparing this Chapter.

### **Chapter 7: Planning aspects**

The existing text to be revised by Mr. Kisrawi;

### **Chapter 8: - HRD**

A contribution is expected from Mr. Herrera (BDT).

### **Chapter 9: Financial and economic aspects**

The existing text to be revised by Mr. Kisrawi.

### **Chapter 10: - Case studies and Annexes**

Documents exist. They will be amended by Mr. Ghazal.

## **Fascicle H.3 - Digital IP based networks and services**

### **Chapters 1,2,3, and 4**

We received negative replies from all the addressees. It is, therefore, suggested not to prepare this fascicle and to recommend the use of "Internet for Development", which contains valuable information. This will be discussed during our meeting in September 1999.

## **Fascicle H.4 - Radio and TV networks and services**

### **Chapter 1: Introduction and general review**

Contributions expected in September 1999 from Mr. Magenta, Chairman ITU-R SG10 & Mr. Krivocheev, Chairman ITU-R SG11.

### **Chapter 2: - Digital audio broadcasting**

Contributions expected from Mr. Magenta, & Mr. Krivocheev in September 1999.

### **Chapter 3: Digital television broadcasting services**

A contribution is expected from Mr. Krivocheev in September 1999.

### **Chapter 4: Planning strategies for digital television broadcasting**

A contribution is expected from Mr. Magenta in September 1999.

### **Chapter 5: MVDS, MDSD**

Documents already exist. They may need to be updated.

### **Agenda item 5: Handbook on teletraffic engineering (see Document 2/073-E)**

This Handbook will be discussed during the meeting in order to agree on chapter headings and to identify those people who will contribute to each chapter.

### **Agenda item 6: Handbook on disaster communications (see Document 2/079-E)**

A proposition for a Handbook on disaster communications was received from Mr. Larry Price, as well as the names of those who will contribute to this Handbook:

Overall co-ordination :      Mr. Hans Zimmermann, United Nations Office of the co-ordinator of Humanitarian Affairs

Policy issues:                Mr. Goli Farrell, ITU, seconded to UNOCHA

Operation issues:            Mr. Jon Siverling, American Radio Relay League, Inc.

The contents of the handbook will be discussed during the September meeting.

### **Agenda item 7: Future work programme**

The priority is to complete the Handbook on new technologies and new services, and to start work seriously on the Handbooks on teletraffic engineering and disaster communications.

### **Agenda item 8: Any other business**

This will be covered during the meeting.

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