

RESOLUTION ITU-R 4-3

STRUCTURE OF RADIOCOMMUNICATION STUDY GROUPS

(1993-1995-1997-2000)

The ITU Radiocommunication Assembly,

considering

- a) provision No. 133 and Article 11 of the ITU Convention;
- b) that the work of the Radiocommunication Study Groups is involved with developing the technical, operational and procedural bases for efficient use of the radio spectrum and the geostationary-satellite orbit;
- c) that cooperation between the Radiocommunication Sector and international and regional organizations with regard to the development of standards for radiocommunication systems and operations would provide considerable benefits,

resolves

- 1 that seven Radiocommunication Study Groups shall be set up as shown in Annex 1;
- 2 that, in liaison with the Telecommunication Standardization Sector, the Telecommunication Development Sector, the ITU General Secretariat and with other interested organizations, the Radiocommunication Bureau organizes the work of a Coordination Committee for Vocabulary, the scope of which is given in Annex 2.

ANNEX 1

The Radiocommunication Study Groups**STUDY GROUP 1**

(SPECTRUM MANAGEMENT)

(Spectrum planning, utilization, engineering, sharing and monitoring)

Scope:

- 1 Development of principles and techniques for effective spectrum management, sharing criteria and methods, techniques for spectrum monitoring and long-term strategies for spectrum utilization and economic approaches to national spectrum management as well as, in association with the appropriate bodies of the ITU, facilitation of the collection and dissemination of information concerning computer programs prepared for the implementation of relevant Recommendations.

2 To provide assistance in matters within its competence to developing countries in cooperation with the Telecommunication Development Sector.

3 Study a limited number of specific urgent Questions concerning inter-service sharing and compatibility referred to it by the Radiocommunication Assembly or, if the Question arises during the interval between the Assemblies, by the decision of a meeting of the Study Group Chairpersons and Vice-Chairpersons or by the Director after consultation with interested Study Group Chairpersons and Administrations. The Radiocommunication Assembly or the Director, as the case may be, shall establish a time schedule for the completion of this work.

Development of Recommendations or of a Report to the Conference Preparatory Meeting in answer to those urgent Questions concerning inter-service sharing and compatibility requiring special attention. This course of action shall be followed if the matter cannot be dealt with more expeditiously through the mechanism of joint working parties, joint task groups or ad hoc rapporteur groups, as assigned by the Radiocommunication Assembly, or if the Question arises during the interval between Radiocommunication Assemblies, by the Director after consultation with interested Study Group Chairpersons and Administrations.

<i>Chairperson:</i>	R. MAYHER	(United States of America)
<i>Vice-Chairpersons:</i>	T. JEACOCK	(United Kingdom)
	N. KISRAWI	(Syrian Arab Republic)
	A. PAVLIOUK	(Russian Federation)

STUDY GROUP 3

(RADIOWAVE PROPAGATION)

Scope:

Propagation of radio waves in ionized and non-ionized media and the characteristics of radio noise, for the purpose of improving radiocommunication systems.

<i>Chairperson:</i>	D.G. COLE	(Australia)
<i>Vice-Chairpersons:</i>	B. ARBESSER-RASTBURG	(ESA)
	D.V. ROGERS	(Canada)

STUDY GROUP 4

(FIXED-SATELLITE SERVICE)

Scope:

Systems and networks for the fixed-satellite service and inter-satellite links in the fixed-satellite service, including associated tracking, telemetry and telecommand functions.

<i>Chairperson:</i>	Y. ITO	(Japan)
<i>Vice-Chairpersons:</i>	J.M.P. FORTES	(Brazil)
	V. RAWAT	(Canada)
	A.G. REED	(United Kingdom)
	J. SESEÑA NAVARRO	(Spain)

STUDY GROUP 6

(BROADCASTING SERVICES)

Scope:

Radiocommunication broadcasting (terrestrial and satellite), including vision, sound, multimedia and data services principally intended for delivery to the general public.

Broadcasting makes use of point-to-everywhere information delivery to widely available consumer receivers. When return channel capacity is required (e.g. for access control, interactivity, etc.), broadcasting typically uses an asymmetrical distribution infrastructure that allows high capacity information delivery to the public with lower capacity return link to the service provider. The production and distribution of programs (vision, sound, multimedia, data, etc.) may employ contribution circuits among studios, information gathering circuits (ENG, SNG, etc.), primary distribution to delivery nodes, and secondary distribution to consumers.

The Study Group, recognizing that radiocommunication broadcasting extends from the production of programmes to their delivery to the general public, as detailed above, studies those aspects related to production and radiocommunication, including the international exchange of programs as well as the overall quality of service.

<i>Chairperson:</i>	A. MAGENTA	(Italy)
<i>Vice-Chairpersons:</i>	J.A. FLAHERTY	(NABA)
	S. GLOTOV	(Ukraine)
	J. KUMADA	(Japan)
	H. KUSSMANN	(Germany, Federal Republic of)
	R. NAJM	(ASBU)
	K.M. PAUL	(India)
	L. OLSON	(United States of America)
	V. STEPANIAN	(Iran, Islamic Republic of)

STUDY GROUP 7

(SCIENCE SERVICES)

Scope:

- 1 Systems for space operation, space research, earth exploration and meteorology, including the related use of links in the inter-satellite service.
- 2 Radio astronomy and radar astronomy.
- 3 Dissemination, reception and coordination of standard-frequency and time-signal services, including the application of satellite techniques, on a worldwide basis.

<i>Chairperson:</i>	R.M. TAYLOR	(United States of America)
<i>Vice-Chairpersons:</i>	R. JACOBSEN	(Australia)
	G. de JONG	(Netherlands, Kingdom of the)
	V. MEENS	(France)
	M.B. VASILIEV	(Russian Federation)

STUDY GROUP 8(MOBILE, RADIODETERMINATION, AMATEUR
AND RELATED SATELLITE SERVICES)*Scope:*

Systems and networks for the mobile, radiodetermination and amateur services, including related satellite services.

<i>Chairperson:</i>	C. VAN DIEPENBEEK	(Netherlands, Kingdom of the)
<i>Vice-Chairpersons:</i>	T. MIZUIKE	(Japan)
	V.A. STRELETS	(Russian Federation)
	R.L. SWANSON	(United States of America)

STUDY GROUP 9

(FIXED SERVICE)

Scope:

Systems and networks of the fixed service operating via terrestrial stations.

<i>Chairperson:</i>	V.M. MINKIN	(Russian Federation)
<i>Vice-Chairpersons:</i>	A. HASHIMOTO	(Japan)
	H. MAZAR	(Israel, State of)
	K. MEDLEY	(United States of America)

ANNEX 2

CCV

(COORDINATION COMMITTEE FOR VOCABULARY)

Scope:

Coordination within the Radiocommunication Study Groups, and liaison with the Telecommunication Standardization Study Groups, the Telecommunication Development Study Groups, the ITU General Secretariat and other interested organizations (mainly the International Electrotechnical Commission (IEC)) concerning:

- vocabulary, including abbreviations and initials;
- related subjects (quantities and units, graphical and letter symbols).

Chairperson: J.P. HUYNH (France)

Vice-Chairpersons: L.W. BARCLAY (United Kingdom)
P. GARCÍA-BARQUERO (Spain)
