INTERNATIONAL TELECOMMUNICATION UNION

Radiocommunication Bureau
(Direct Fax N°. +41 22 730 57 85)

Administrative Circular
CAR/212

14 February 2006

To Administrations of Member States of the ITU

Subject: **Radiocommunication Study Group 9**

- **Proposed approval of 3 draft new Questions**
- **Proposed modification of category of 1 Question**
- **Proposed suppression of 4 Questions**

At the meeting of Radiocommunication Study Group 9 held on 1 and 2 December 2005, 3 draft new Questions were adopted and 1 Question had its category modified and it was agreed to apply the procedure of Resolution ITU-R 1-4 (see § 3.4) for approval of Questions in the interval between Radiocommunication Assemblies. Furthermore, the Study Group proposed the suppression of 4 Questions.

Having regard to the provisions of § 3.4 of Resolution ITU-R 1-4, you are requested to inform the Secretariat (brsgd@itu.int) by 14 May 2006, whether your Administration approves or does not approve these Questions and the proposed suppressions.

After the above-mentioned deadline, the results of this consultation will be notified in an Administrative Circular. If the Questions are approved, they will have the same status as Questions approved at a Radiocommunication Assembly and will become official texts attributed to Radiocommunication Study Group 9 (see: http://web/ITU-R/publications/download.asp?product=que09&lang=e).

Valery Timofeev
Director, Radiocommunication Bureau

Annexes: 5

- 3 draft new ITU-R Questions
- Modification of category of 1 ITU-R Question
- Proposed suppression of 4 ITU-R Questions

Distribution:
- Administrations of Member States of the ITU
- ITU-R Associates participating in the work of Radiocommunication Study Group 9
- Radiocommunication Sector Members participating in the work of Radiocommunication Study Group 9

Annex 1

Source: Document 9/52

DRAFT NEW QUESTION [DISAST/9C] (Doc. 9/52)

Technical and operational characteristics of systems in the fixed service operating in the MF/HF band used for disaster mitigation and relief

The ITU Radiocommunication Assembly,

considering

a) that disaster mitigation and relief activities include prediction, detection, alerting, and the organization of help;

b) that the ITU-R can contribute to the global effort to mitigate the effects of disasters;

c) that rapid deployment of reliable radiocommunications is essential in the event of disasters;

d) that early warning of an impending disaster event is critical to minimizing the risk to human life;

e) the adoption of the Tampere Convention on the provision of telecommunication resources for disaster mitigation and relief operations by the Intergovernmental Conference on Emergency Telecommunications (ICET-98) from 16-18 June 1998,

recognizing

a) Resolution 644 (WRC-00) on telecommunications resources for disaster mitigation and relief operations;

b) Resolution 646 (WRC-03) on public protection and disaster relief,

noting

a) Recommendation ITU-R F.1105 on transportable fixed radiocommunications equipment for relief operations;

b) Recommendation ITU-R M.1042 on disaster communications in the amateur and amateur-satellite services;

c) Recommendation ITU-R M.1637 on Global cross-border circulation of radiocommunication equipment in emergency and disaster relief situations;

d) Report ITU-R M.2033 on radiocommunication objectives and requirements for public protection and disaster relief;

e) Letter 02(SGD)/0.479/05 (14 February 2005) by the Director Radiocommunication Bureau to the Chairmen of the Radiocommunication Study Groups on disaster relief communications;

f) ITU-D Handbook on Emergency Telecommunications (2005 Edition),

decides that the following question should be studied

1 What are the technical and operational characteristics of systems of the fixed service operating in the MF/HF band that could be used to assist in disaster mitigation and relief activities?

2 What are the preferred spectrum arrangements for such systems?

3 What are the technical and operational characteristics of these systems that assist in the interoperability between such systems operated by different agencies?

further decides

1 that the results of the above study should be included in one or more Report(s) and/or Recommendation(s);

2 that the above study should be completed by 2007.

Category: S1

Annex 2

Source: Document 9/54

DRAFT NEW QUESTION [DISAST/9]

Technical and operational characteristics of disaster relief wireless communication systems in the fixed service

The ITU Radiocommunication Assembly,

considering

a) that rapid and reliable telecommunications are essential during the event of natural disasters and/or other emergencies;

b) that measures are required for the relief operation as well as mitigation of the effects for the above cases;

c) that it is urgently expected by many international or regional organizations that ITU can contribute, in particular through the wireless technologies, to global efforts to reduce the devastating effects of natural disasters in the future,

recognizing

a) that Resolution 646 (WRC-03) resolved to encourage administrations to facilitate cross-border circulation of radio communication equipment intended for use in emergency and disaster relief situations through mutual cooperation and consultation without hindering national legislation;

b) that Resolution 646 (WRC-03) invites ITU-R to continue its technical studies and to make recommendations concerning technical and operational implementation, as necessary, for advanced solutions to meet the needs of public protection and disaster relief wireless communication applications;

c) that fixed wireless systems could play a relevant role in disaster mitigation and relief operations including the provision of broadband and/or transportable applications,

decides that the following Question should be studied

What are preferred technical and operational characteristics for fixed wireless systems used for disaster mitigation and relief operations?

further decides

1 that the results of the above study should be included in one or more Recommendation(s);

2 that the above study should be completed by 2007.

Category: S1

Annex 3

Source: Document 9/94

DRAFT NEW QUESTION ITU-R [HF-PERFORMANCE]/9*

Error performance and availability objectives for digital HF fixed systems

The ITU Radiocommunication Assembly,

considering

a) that rapid advances are being made in digital HF fixed systems;

b) that there is a growing interest in the use of digital data systems at HF frequencies;

c) that there is a need to specify the error performance objectives for digital HF fixed systems;

d) that propagation conditions may impact on the use of digital HF fixed systems operating at various frequency ranges and geographical locations;

e) that man-made and natural noise have a significant impact on the planning and operation of digital HF fixed systems;

f) that error performance and availability aspects of digital HF fixed systems will be required for sharing and protection studies;

g) that there may be a need to specify error performance and availability objectives for the access part of the network formed wholly or partly by HF fixed systems,

decides that the following Question should be studied

What are error performance and availability parameters and objectives for adaptive and non-adaptive digital HF fixed systems and their applications, such as HF-email, HF-Internet, etc.?

further decides

1 outputs should be in the form of Recommendations and Reports;

2 that initial studies should be completed by 2009.

Category: S2

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* This Question should be brought to the attention of Radiocommunication Study Group 8 (WP 8A and WP 8B).

Annex 4

Source: Document 9/97

MODIFICATION OF CATEGORY OF QUESTION ITU-R 233/9

Criteria for sharing between stations in the fixed service and stations in the aeronautical mobile service in bands between about 37 GHz and 50 GHz

The category of this Question was changed from **S1** to **S2**.

Annex 5

Source: Documents 9/81 and 9/97

ITU-R Questions to be suppressed

Question ITU-R	Title
220-2/9	Fixed wireless access systems conveying IP packets or ATM cells
221/9	Spectrum vision for the fixed service
230/9	Sharing and compatibility between systems in the fixed service using high altitude platforms and the radio astronomy service
235/9	Analysis and optimization of error performance of digital fixed wireless systems for the purpose of bringing into service and maintenance