



Radiocommunication Bureau (BR)

Administrative Circular
CACE/698

24 November 2014

To Administrations of Member States of the ITU, Radiocommunication Sector Members and ITU-R Associates participating in the work of Radiocommunication Study Group 5

Subject: **Radiocommunication Study Group 5 (Terrestrial services)**
 – **Proposed adoption by correspondence of 3 draft revised ITU-R Recommendations**

At the meeting of Radiocommunication Study Group 5, held on 10-11 November 2014, the Study Group decided to seek adoption of 3 draft revised ITU-R Recommendations in accordance with § 10.2.3 of Resolution ITU-R 1-6 (Adoption by a Study Group by correspondence). The titles and summaries of the draft Recommendations are given in the Annex to this letter.

The consideration period shall extend for two months ending on 24 January 2015. If within this period no objections are received from Member States, the approval by consultation procedure of § 10.4.5 of Resolution ITU-R 1-6 will be initiated.

Any Member State who objects to the adoption of the draft Recommendations is requested to inform the Director and the Chairman of the Study Group of the reasons for the objection.

Any ITU member organization aware of a patent held by itself or others which may fully or partly cover elements of the draft Recommendation(s) mentioned in this letter is requested to disclose such information to the Secretariat as soon as possible. The Common Patent Policy for ITU-T/ITU-R/ISO/IEC is available at <http://www.itu.int/en/ITU-T/ipr/Pages/policy.aspx>.



François Rancy
Director

Annex: Titles and summaries of the draft Recommendations

Documents: Documents 5/170(Rev.1), 5/175(Rev.1), 5/176(Rev.1)

These documents are available in electronic format at: <http://www.itu.int/md/R12-SG05-C/en>

Distribution:

- Administrations of Member States of the ITU and Radiocommunication Sector Members participating in the work of Radiocommunication Study Group 5
- ITU-R Associates participating in the work of Radiocommunication Study Group 5
- Chairman and Vice-Chairmen of Radiocommunication Study Group 5
- Chairman and Vice-Chairmen of the Conference Preparatory Meeting
- Members of the Radio Regulations Board
- Secretary-General of the ITU, Director of the Telecommunication Standardization Bureau, Director of the Telecommunication Development Bureau

Annex

Titles and summaries of the draft Recommendations

Draft revision of Recommendation ITU-R M.1174-2

Doc. 5/170(Rev.1)

Technical characteristics of equipment used for on-board vessel communications in the bands between 450 and 470 MHz

This revision proposes for on-board vessel communications in the frequency bands between 450 and 470 MHz, the following:

- additional technical characteristics of equipment using digital technologies;
- new frequency bands arrangement and associated channel numbering;
- mitigation techniques to avoid congestion;
- provisions for maintaining analogue technology.

Draft revision of Recommendation ITU-R M.690-2

Doc. 5/175(Rev.1)

Technical characteristics of EPIRBs operating on the carrier frequencies 121.5 MHz and 243 MHz

This revision proposes for EPIRBs operating on 121.5 MHz or 243 MHz the removal of any ambiguity that might arise with interpreting the changes introduced in Recommendation ITU-R M.690-2 concerning the characteristic audio-frequency signal that indicates when such EPIRBs are active.

In line with industry standards of the time, Recommendation ITU-R M.690-1 only allowed for a repeating downward audio sweep with an abrupt return to the start frequency. Following the advice of industry and standards developing organizations outside ITU that a repeating upward audio sweep should also be accommodated, Recommendation ITU-R M.690-1 was revised so as to allow both an upward and a downward sweep. However, this did not make it clear that individual beacons should only emit either a downward or an upward sweep and not send some combination of both downward and upward sweeps (e.g., continuous up and down sweeps without abrupt breaks or distinct up and down sweeps in a sequence/pattern).

Assignment and use of identities in the maritime mobile service

This revision proposes the following:

- Optional new category d) in Annex 1, section 2, paragraph 3, for AIS repeater stations, using format 00MID4XXX;
 - Clarified text relating to MMSI trailing zeroes in Annex 1, section 1, paragraph 4;
 - Editorial change: ‘transponder’ corrected to ‘transmitter’ for AIS-SART (Annex 2, section 2.1).
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