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|  | | CPG15(14)017 Annex IV-21 |
| CPG15-4 | |  |
| Riga, Latvia 25th - 28th March 2014 | |  |
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| Subject: | Draft CEPT Brief on WRC-15 Agenda Item 4 | |
|  | | |
| Summary: | | |
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| Proposal: | | |
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DRAFT CEPT BRIEF ON AGENDA ITEM 4

4 in accordance with Resolution 95 (Rev.WRC‑07), to review the Resolutions and Recommendations of previous conferences with a view to their possible revision, replacement or abrogation;

# ISSUE

Resolution 95 (Rev.WRC-07) resolves to invite future competent world radiocommunication conferences

1. to review the Resolutions and Recommendations of previous conferences that are related to the agenda of the Conference with a view to their possible revision, replacement or abrogation and to take appropriate action;
2. to review the Resolutions and Recommendations of previous conferences that are not related to any agenda item of the Conference with a view to:

* abrogating those Resolutions and Recommendations that have served their purpose or have become no longer necessary;
* reviewing the need for those Resolutions and Recommendations, or parts thereof, requesting ITU-R studies on which no progress has been made during the last two periods between conferences;

updating and modifying Resolutions and Recommendations, or parts thereof that have become out of date, and to correct obvious omissions, inconsistencies, ambiguities or editorial errors and effect any necessary alignment;

# Preliminary CEPT position

CEPT encourages the constant review of Resolutions and Recommendations from previous conferences and will follow activities, in particular of ITU, associated with this effort.

* CEPT proposes to suppress Resolution [TBD]
* CEPT proposes to modify Resolution [TBD]
* CEPT proposes to suppress Recommendation [TBD]
* CEPT proposes to modify Recommendation [TBD]

# Background

The review of Resolutions and Recommendations of previous conferences (Volume 3 of the Radio Regulations Geneva 2012) is a standing agenda item. Therefore conferences shall conclude on whether there is a need for any modification or suppression of their Resolutions or Recommendations. The table in Annex 1 is intended to summarize the possible course of actions to be taken in response of the concerned Resolution or Recommendation.

Furthermore, a reference is made to the relevant WRC agenda item for those Resolutions and Recommendations which are covered by the agenda of WRC-15. This reference is made in the last column of the table combined with an identification of the responsible and concerned CPG Project Team or ECC Working Group. Furthermore the relevant lines are highlighted in light grey. The possible course of action for those Resolutions and Recommendations with direct relevance to any specific agenda item of WRC-15 is only for information purposes. The European proposal on those specific Resolutions and Recommendations can be found in the relevant ECP.

Clarification is needed and/or necessary steps should be taken in regard of abrogated Resolution 905 which is referred to in:

* footnote 18 to Article 5 of Appendix 30 (Rev.WRC-12),
* footnote 22 to Article 5 of Appendix 30A (Rev.WRC-12),
* footnotes 1 to Article 6 of Appendix 30B (Rev.WRC-12),
* footnote 11 to Article 8 of Appendix 30B (Rev.WRC-12).

Secretariat BR is aware of this situation (see remarks in RR)

Further observation: in texts of RR Volume 1 (Articles) exist references to outdated versions of Resolutions. By care of the BR Secretariat in the most cases the footnotes drawing attention to these inconsistencies are provided. Question is: how ensure/establish appropriate updating process of relevant references to Resolutions, in order to carry out it in simpler/quicker way. Some notes persists in RR for several WRC study periods, see randomly chosen Note to Footnote 5.396 regarding Resolution 33, see below.

**5.396** Space stations of the broadcasting-satellite service in the band 2 310-2 360 MHz operating in  accordance with No. 5.393 that may affect the services to which this band is allocated in other countries shall be  coordinated and notified in accordance with Resolution **33 (Rev.WRC-97**)[[1]](#footnote-1)\*. Complementary terrestrial broadcasting stations shall be subject to bilateral coordination with neighbouring countries prior to their bringing into use.

# List of relevant documents

Further ITU documents: <http://www.itu.int/ITU-R/go/rcpm-wrc-15-studies>.

Radio Regulations, Geneva 2012, Vol. 3 Resolutions and Recommendations

# Actions to be taken

* Administrations and Project Teams are encouraged to study the table in Annex 1 in detail and to provide contributions with comments to CPG PTA including proposals on a possible course of action on the Resolutions and Recommendations relevant to their work

to consider based on the result of studies to develop a contribution to CPM15-2

# Relevant information from outside CEPT (examples of these are below)

## European Union (date of proposal)

## Regional telecommunication organisations:

APT (28 November 2013)

Preliminary View

APT Members are encouraged to review Resolutions and Recommendations of the previous conferences in accordance with Resolution 95 (Rev.WRC-07) with a view to developing regional positions in APG15.

To facilitate consideration of the Agenda Item 4 at future APG15 meetings, a list of the past conference Resolutions and Recommendations was provided which summarize the possible course of actions to be taken in response to the concerned Resolution or Recommendation. Futhermore, a reference is made to the relevant WRC Agenda Item for those Resolutions and Recommendations which are covered by the agenda of WRC-15 other than Agenda Item 4.

ATU (date of proposal)

Arab Group (1 December 2013)

Support the revision of Resolutions and Recommendations of previous Conferences. Follow up the current studies.

CITEL (26 November 2013)

Preliminary views

Canada

Will be reviewing the Resolutions and Recommendations of previous conferences, together with the Report from the Director of the BR, in preparation of its proposals to the next CPM and WRC, as appropriate.

Proposals that seek to substantively alter specific resolutions or recommendations, which are not related to another conference agenda item, should not be considered under agenda item 4.

Preliminary Proposal

Canada

Proposed actions on whether to retain, amend or suppress specific Resolutions and Recommendations.

RCC (date of proposal)

## International organisations

ITU (22 November 2013)

ITU-R started within framework of AI 1.3 preparation of revision of Resolution 646 (Rev.WRC-12) and under AI 1.8 possible modification of Resolution 909 (WRC-12).

The Director of the BR will submit a Report to CPM15-2.

IATA (date of proposal)

ICAO (5 November 2013)

ICAO recommends

„no change“status for Resolutions 18, 20, 26, 27, 28, 63, 95, 207, 217, 222, 225, 339, 354, 356, 405, 413, 417, 609, 610, 612, 644 and 705, and for Recommendations 7, 9, 71, 75, 401 and 608,

“deletion” of Resolutions

608 – after studies completed,

151, 152, 233, 729, 957 – after WRC-15,

“modification or suppression as necessary” of Resolution 422 – subject to the completion of the work,

“modification as necessary” based on the results of studies carried out

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| under WRC-15 AI | 1.5 | 1.7 | 1.16 | 1.17 | 9.1.1 | 9.1.4 | 9.1.5 |
| of Resolutions | 153 | 114, 418, 748 | 360 | 423 | 205 | 67 | 154 |

IMO (18 November 2013)

IMO preliminary position to AI 4:

IMO proposes to retain Resolutions 13, 18, 207, 222, 331, 339, 343 (in order to ensure common operations between SOLAS and non-SOLAS ships), 344, 349, 352, 354, 356 and 612.

Conclusions of WRC-15 adopted under appropriate AI will govern status of Resolutions 205 (subject to AI 9.1.1), 358 (subject to AI 1.15), 359 (subject to AI 10), 360 (subject to AI 1.16), 758 (subject to AI 1.9.2) and 909 (subject to AI 1.8) as well as of Recommendation 37 (subject to AI 1.8).

IMO also proposes to retain Recommendations 7 and 316.

NATO (date of proposal)

SFCG (date of proposal)

WMO and EUMETNET (date of proposal)

## OTHER INTERNATIONAL AND REGIONAL ORGANISATIONS

ESA (date of proposal)

Eurocontrol (date of proposal)

## OTHER INTERNATIONAL AND REGIONAL ORGANISATIONS

EBU (date of proposal)

GSMA (date of proposal)



[Editor’s Note: the column “comments” below will not be in the final version of this document it is there as information to aide Administrations]

**Review of Resolutions and Recommendations in response to Resolution 95 (Rev.WRC-07)**

| Resolution | | ****CEPT Proposal WRC-12**** | ****Comments**** | Proposed Course of action at WRC-15 | WRC-15 Agenda Item/ PTs |
| --- | --- | --- | --- | --- | --- |
| RES 1 | (Rev.WRC-97)     Notification of frequency assignments | NOC | Res. is referred to in No. 26/5.2 of App. 26 | NOC | PT A |
| RES 2 | (Rev.WRC-03)     Equitable use, by all countries, with equal rights, of the geostationary-satellite and other satellite orbits and of frequency bands for space radiocommunication services | NOC |  | NOC | PT B |
| RES 4 | (Rev.WRC-03)     Period of validity of frequency assignments to space stations using the geostationary-satellite and other satellite orbits | NOC | Report (from BR) needed on results of studies relating to this RES  PTD comment: CEPT does not support reopening discussions on the topic addressed by this Resolution. But it may be required to consider other options depending on proposals from other regions. | NOC | PT B |
| RES 5 | (Rev.WRC-03)     Technical cooperation with the developing countries in the study of propagation in tropical and similar areas | NOC/MOD | Aware a) makes a reference to Geneva-89 Agreement. An update to Geneva-06 may be necessary? | NOC | PT A |
| RES 7 | (Rev.WRC-03)     Development of national radio frequency management | NOC | The section Draws the attention of the next plenipotentiary conference indicates that this RES has to be modified as PP-06 and PP-10 have taken place??  This comment is taken from Brief for WRC-12. Aim of this RES seems to be long-term and provisions of this RES should be applicable also for further study periods. | NOC/MOD | PT A |
| RES 10 | (Rev.WRC-2000)    Use of two-way wireless telecommunications by the International Red Cross and Red Crescent Movement | NOC | Relation to Res 646 and 648. | NOC | PT A |
| RES 11 | (WRC-12) Use of satellite orbital positions and associated frequency spectrum to deliver international public telecommunication services in developing countries |  |  |  | 9.1.3 PT B |
| RES 12 | (WRC-12) Assistance and support to Palestine |  | Further instructs the Director of the BR to bring a report to the attention of WRC-15. This section needs probably an editorial update subject conclusions of WRC-15. . | NOC | PT A |
| RES 13 | (Rev.WRC-97)    Formation of call signs and allocation of new international series | NOC | This Resolution is referred to in No. 19.32. | NOC | PT C |
| RES 15 | (Rev.WRC-03)    International cooperation and technical assistance in the field of space radiocommunications | NOC | Still relevant, Implemented through liaison with ITU-D | NOC | PT B |
| RES 18 | (Rev.WRC-12)    Relating to the procedure for identifying and announcing the position of ships and aircraft of States not parties to an armed conflict | NOC | Resolves 1 with reference to Article 33 mentions radiotelegraphy procedure, but Art. 33 refers to DSC, NBDP and radiotelephony only.  Resolves 4: for identification of vessels are more suitable AIS, AIS-SART, LRIT devices than standard maritime radar transponders.  As footnote to this RES invites Administrations to consider its revision the proposal for CEPT contribution based on above comments is attached. | MOD | PT C  ECP is requested by LS |
| RES 20 | (Rev.WRC-03)    Technical cooperation with developing countries in the field of aeronautical telecommunications | NOC |  | NOC | PT C |
| RES 25 | (Rev.WRC‑03)    Operation of global satellite systems for personal communications | NOC |  | NOC | PT B |
| RES 26 | (Rev.WRC-07)    Footnotes to the Table of Frequency Allocations in Article 5 of the Radio Regulations | NOC |  |  | 8 PT A |
| RES 27 | (Rev.WRC-12)    Use of incorporation by reference in the Radio Regulations | MOD | Noting b) of Resolution 67 (WRC-12) “that ITU-R Recommendations incorporated by reference as they would appear in Volume IV of the Radio Regulations may be limited to a list of titles and their cross-references in the Radio Regulations”, shall be taken into account under AI 9.1.4 |  | 2 PT A |
|  | ANNEX 1     Principles of incorporation by reference |  |  |  |  |
|  | ANNEX 2     Application of incorporation by reference |  |  |  |  |
|  | ANNEX 3     Procedures applicable by WRC for approving the incorporation by reference of  ITU-R Recommendations or parts thereof |  |  |  |  |
| RES 28 | (Rev.WRC-07)    Revision of references to the text of ITU‑R Recommendations incorporated by reference in the Radio Regulations | NOC | Linked with Resolution 27  Considering c) of this RES contains obsolete title of RES 27(Rev.WRC-03) associated with footnote of the Secretariat which is also out of order and shall be deleted. Correct title of RES is RES 27(Rev.WRC-12). | MOD | 2 PT A  ECP under prep. |
| RES 33 | (Rev.WRC‑03)    Bringing into use of space stations in the broadcasting-satellite service, prior to the entry into force of agreements and associated plans for the broadcasting-satellite service | [MOD] | This Resolution is referred to in No. 5.396 (reference Rev.WRC-97 should be updated to Rev.WRC-03).  Footnote 1 contains reference to RES 703(Rev.WRC-03) which should be corrected to RES 703(Rev.WRC-07). This correction would allow to delete associated footnote.  Considering a) “Resolution 507(REV-WRC-03)” should be substituted by “Resolution 507(REV WRC-12)  PTB comment: information received by CPG PTB from the ITU Radiocommunication Bureau (BR) indicates that this Resolution is not required any longer for the work of the BR. CEPT administrations have been invited to consider whether this Resolution is still useful for them. CPG PTB will inform CPG PTA of the outcome of this consideration. At this stage, CPG PTB suggests to leave blank the proposed course of action. |  | PT B |
| RES 34 | (Rev.WRC‑03)    Establishment of the broadcasting-satellite service in Region 3 in the 12.5-12.75 GHz frequency band and sharing with space and terrestrial services in Regions 1, 2 and 3 | SUP | Recognizing refers to RES 507  CEPT proposed SUP already by WRC-12.  Is RES still relevant- relation with Resolution 33? Is the Plan for broadcasting-satellite service in the band 12.5-12.75 GHz already drawn up?  Finally (not relevant if SUP): resolves 3 contains reference to RES 703(Rev.WRC-03) which should be corrected to RES 703(Rev.WRC-07). This correction would allow to delete associated footnote.  PTB comment: CEPT has proposed in WRC-07 and WRC-12 to suppress this Resolution but was unable to convince other regional groups. CPG PTB will further analyse the likelihood to change the previous position of these regional groups and will inform CPG PTA of the outcome of this analysis. The proposed course of action (“SUP or MOD”) can therefore be kept at this stage. | SUP or MOD | PT B |
| RES 42 | (Rev.WRC-12)    Use of interim systems in Region 2 in the broadcasting-satellite and fixed-satellite (feeder-link) services in Region 2 for the bands covered by Appendices 30 and 30A | NOC | Not relevant to region 1 ??? Consider if the Region 1 is affected  PTB comment: the relevance of this Resolution for CEPT will be further examined by CPG PTB, who will inform CPG PTA accordingly. The proposed course of action (“NOC”) can be kept at this stage. | NOC | PT B |
|  | ANNEX |  |  |  |  |
| RES 49 | (Rev.WRC-12)    Administrative due diligence applicable to some satellite radiocommunication services | MOD | This Resolution is referred to in Nos. A.9.4, A.11.2, 11.44.1 and 11.48  This Resolution is also referred to in No. 6.31bis, Article 6 of App. 30B. A former version of this Resolution is referred to in footnote 2 to Article 6 and in footnote 12 to Article 8 of App. 30B.  PTB comment: this Resolution constitutes a topic that is commonly discussed at each WRC under agenda item 7. CPG PTB suggests to highlight this row in grey and to refer in the last column to WRC-15 agenda item 7. The final CEPT position regarding this Resolution will be determined through the work of this agenda item. |  | AI 7  PT B |
|  | ANNEX 1 |  |  |  |  |
|  | ANNEX 2 |  |  |  |  |
| RES 51 | (Rev.WRC-2000) Transitional arrangements concerning coordination and notification | SUP | Objective reached. Legal certainty guaranteed by validity of the RES at the time of notification and coordination.  Based on footnote of RR this Resolution was reviewed by WRC 07 and it was decided by WRC 07 to abrogate it as of 1. January 2010.  Footnote 1) informs that WRC-07 decided to abrogate this RES as of 1. 1. 2010.-  Remark would allow to delete associated outdated footnote.  It would be necessary to make more corrections | SUP | PT B  ECP under prep. |
| RES 55 | (Rev.WRC-12)    Electronic submission of notice forms for satellite networks, earth stations and radio astronomy stations | SUP | Objective reached  Resolves 1 and 2 contain reference to RES 49(Rev.WRC-07) which should be corrected to RES 49(Rev.WRC-12).  PTB comment: this Resolution is the regulatory basis for the use of electronic methods by the BR therefore its content remains relevant. CPG PTB will consider at future meetings whether the provisions of this Resolution should be transferred in the main body of the Radio Regulations. CPG PTA will be informed accordingly. At this stage, CPG PTB suggests to leave blank the proposed course of action. |  | PT B |
| RES 58 | (WRC‑2000)    Transitional measures for coordination between certain specific geostationary fixed-satellite service receive earth stations and non-geostationary fixed-satellite service transmit space stations in the frequency bands 10.7-12.75 GHz, 17.8-18.6 GHz, and 19.7-20.2 GHz where epfd↓ limits apply | MOD/SUP | Necessity of transitional measure unclear.  Remark (not relevant if SUP): text of RES contains 3 references to RES 49 (WRC-97) which should be corrected to RES 49(Rev.WRC-12). This correction would allow to delete associated outdated footnote. Also reference to RES 51(WRC-97) requires correction to RES 51(Rev.WRC-2000).  PTB comment: CPG PTB will review and consider the relevance of the various transitional measures contained in this Resolution and will keep CPG PTA informed of its findings. At this stage, CPG PTB suggests to modify the proposed course of action from “SUP” to “MOD or SUP”. | MOD or SUP | PT B |
|  | ANNEX 1 |  |  |  |  |
| RES 63 | (Rev.WRC‑12)    Protection of radiocommunication services against interference caused by radiation from industrial, scientific and medical (ISM) equipment | MOD | No need for further revision | NOC | PT A |
| RES 67 | (WRC-12) Updating and rearrangement of the Radio Regulations |  | This Resolution is in close relation with Resolution 27 | NOC | 9.1.4 PTA |
| RES 72 | (Rev.WRC-07)    World and Regional preparations for world radiocommunication conferences | NOC |  | NOC | PT A |
| RES 73 | (Rev.WRC-2000)    Measures to solve the incompatibility between the broadcasting-satellite service in Region 1 and the fixed-satellite service in Region 3 in the frequency band 12.2-12.5 GHz | NOC | Required changes in the reference  PTB comment: CPG PTB will analyse the relevance of the provisions contained in this Resolution to the current regulatory and operational situation in the band 12.2-12.5 GHz and will keep CPG PTA informed of its findings. The proposed course of action (“NOC”) can be kept at this stage. | NOC | PT B |
| RES 74 | (Rev.WRC-03)    Process to keep the technical bases of Appendix 7 current | NOC |  | NOC/MOD | PT B |
| RES 75 | (Rev.WRC-12)    Development of the technical basis for determining the coordination area for coordination of a receiving earth station in the space research service (deep space) with transmitting stations of high-density applications in the fixed service in the 31.8-32.3 GHz and 37-38 GHz bands | NOC |  | NOC | PT A |
| RES 76 | (WRC-2000)    Protection of geostationary fixed-satellite service and geostationary broadcasting-satellite service networks from the maximum aggregate equivalent power flux‑density produced by multiple non‑geostationary fixed-satellite service systems in frequency bands where equivalent power flux-density limits have been adopted | NOC/MOD | This Resolution is referred to in No. 22.5K  BR Report on results of studies requested.  The Resolution contains instruction for the BR to Report to WRC-03  PTB comment: the Resolution is still relevant but may require some modifications to update it in line with the current status of the studies performed in the past by ITU-R regarding aggregate interference from multiple non-geostationary satellite systems. CPG PTB will consider the matter further at future meetings and will keep CPG PTA informed. The proposed course of action (“MOD”) can be kept at this stage. | MOD | PT B  ECP is requested by LS |
|  | ANNEX 1 |  |  |  |  |
| RES 80 | (Rev.WRC-07)    Due diligence in applying the principles embodied in the Constitution | NOC |  |  | 9.3 PTB |
|  | ANNEX 1 |  |  |  |  |
|  | ANNEX 2 |  |  |  |  |
| RES 81 | (WRC-2000)    Evaluation of the administrative due diligence procedure for satellite networks | SUP | How this RES was settled by PP 2002?  Did the WRC-03 express satisfaction with impact of due diligence?  Remark (not relevant if SUP): text of RES contains 3 references to RES 49(WRC-97) which should be corrected to RES 49(Rev.WRC-12). This correction would allow to delete associated outdated footnote. Also reference to RES 51(WRC-97) requires correction to RES 51(Rev.WRC-2000).  PTB comment: this Resolution is somewhat linked to the possible evolution of Resolution 49 under WRC-15 agenda item 7. CPG PTB therefore suggests to highlight this row in grey and to refer in the last column to WRC-15 agenda item 7. |  | AI 7  PT B |
| RES 85 | (WRC‑03)    Application of Article 22 of the Radio Regulations to the protection of geostationary fixed-satellite service and broadcasting-satellite service networks from non-geostationary fixed-satellite service systems | NOC/MOD | Still relevant. Results of studies?  Resolves 5: is the epfd validation software already available for ITU-R BR?  PTB comment: work is currently on-going within ITU-R Working Party 4A to finalise the epfd validation software, whose absence triggered the need for this Resolution. The final CEPT position will therefore largely depend on the outcome of this work. CPG PTB will monitor its progress and inform CPG PTA. |  | PT B |
| RES 86 | (WRC‑07)    Implementation of Resolution 86 (Rev. Marrakesh, 2002) of the Plenipotentiary Conference | NOC |  |  | 7 PT B |
| RES 95 | (Rev.WRC-07)    General review of the Resolutions and Recommendations of world administrative radio conferences and world radiocommunication conferences | NOC |  | NOC | 4 PT A |
| RES 98 | (WRC-12)    Provisional application of certain provisions of the Radio Regulations as revised by WRC-12 and abrogation of certain Resolutions and Recommendations |  |  | SUP | PT A  ECP under prep. |
| RES 111 | (Orb-88)    Planning of the fixed-satellite service in the bands 18.1-18.3 GHz, 18.3-20.2 GHz and 27-30 GHz | NOC | Invites the ITU-R – are the ITU-R studies still in progress, are needed?  What is probability that WRC-15 will consider this matter?  PTB comment: CPG PTB supports the proposed course of action indicated by CPG PTA (i.e. “NOC”). The resolves of this Resolution is important to be kept as it reflects the CEPT position regarding the inappropriateness of planning the FSS bands 18.1-18.3 GHz, 18.3-20.2 GHz and 27-30 GHz. | NOC | PT B |
| RES 114 | (Rev.WRC-12)    Studies on compatibility between new systems of the aeronautical radionavigation service and the fixed-satellite service (Earth-to-space) (limited to feeder links of the non-geostationary mobile-satellite systems in the mobile-satellite service) in the frequency band 5 091-5 150 MHz | MOD | This Resolution is referred to in Nos. 5.444 and 5.444A (reference in this footnote shall be updated);  Resolves 2 requires action by a WRC prior 2018 | MOD  (EUR/XXA7/3) | 1.7 PT B |
| RES 122 | (Rev.WRC-07)    Use of the bands 47.2-47.5 GHz and 47.9-48.2 GHz by high altitude platform stations in the fixed service and by other services | NOC | This Resolution is referred to in No. 5.552A | NOC | PTA |
| RES 125 | (Rev.WRC-12)    Frequency sharing in the bands 1 610.6-1 613.8 MHz and 1 660-1 660.5 MHz between the mobile-satellite service and the radio astronomy service | MOD/SUP | Resolves that a future competent WRC should evaluate frequency sharing in these bands. ITU-R M 1316 latest update was 2005 (M.1316-1) and contains an indication of relevant further studies. See also RA.769-2 |  | PT B |
| RES 140 | (WRC-03)    Measures and studies associated with the equivalent power flux-density (epfd) limits in the band 19.7-20.2 GHz | NOC | This Resolution is referred to in No. 22.5CA  As protection criteria required by “resolves” have been probably by ITU-R developed, the wording of “resolves” should be modified. | MOD | PT B |
| RES 142 | (WRC‑03)    Transitional arrangements relating to use of the frequency band 11.7-12.2 GHz by geostationary-satellite networks in the fixed-satellite service in Region 2 | NOC/MOD | Transitional measure (concerning Region 2) still necessary? | N/A | PT B |
| RES 143 | (Rev.WRC-07)    Guidelines for the implementation of high-density applications in the fixed-satellite service in frequency bands identified for these applications | NOC | This Resolution is referred to in No. 5.516B (reference in this footnote shall be updated). |  | PT B |
| RES 144 | (Rev.WRC-07)    Special requirements of geographically small or narrow countries operating earth stations in the fixed-satellite service in the band 13.75-14 GHz | NOC | Are ITU-R Recommendations required by resolves 1 (intended to facilitate deployment of FSS systems) already developed? If yes, appropriate reference should appear in accordingly modified resolves, modification of invites should then be also considered. | MOD/NOC | PT B |
| RES 145 | (Rev.WRC-12)    Use of the bands 27.9-28.2 GHz and 31-31.3 GHz by high altitude platform stations in the fixed service | NOC | This Resolution is referred to in Nos. 5.537A and 5.543A. |  | PTA/PTB |
| RES 147 | (WRC-07)    Power flux-density limits for certain systems in the fixed-satellite service using highly-inclined orbits having an apogee altitude greater than 18 000 km and an orbital inclination between 35° and 145° in the band 17.7-19.7 GHz | NOC |  |  | PT B |
| RES 148 | (WRC-07)    Satellite systems formerly listed in Part B of the Plan of Appendix 30B (WARC Orb-88) |  | Check, whether Satellite systems from former Part B of the Plan are in operation  At least resolves 2 seems to be outdated |  | PT B |
| RES 149 | (Rev.WRC-12)    Submissions from new Member States of the Union relating to Appendix 30B of the Radio Regulations | SUP |  |  | PT B |
| RES 150 | (WRC-12)    Use of the bands 6 440-6 520 MHz and 6 560-6 640 MHz by gateway links for high-altitude platform stations in the fixed service |  | This Resolution is referred to in No. 5.457; |  | PTA |
| RES 151 | (WRC-12)    Additional primary allocations to the fixed-satellite service in frequency bands between 10 and 17 GHz in Region 1 |  | This Resolution is linked to Resolutions 144 |  | 1.6 PT B |
| RES 152 | (WRC-12)    Additional primary allocations to the fixed-satellite service in the Earth-to-space direction in frequency bands between 13-17 GHz in Region 2 and Region 3 |  | Applies to Regions 2 and 3 |  | 1.6 PT B |
| RES 153 | (WRC-12)    The use of frequency bands allocated to the fixed-satellite service not subject to Appendices 30, 30A and 30B for the control and non-payload communications of unmanned aircraft systems in non-segregated airspaces |  |  | NOC | 1.5 PT C |
| RES 154 | (WRC-12)    Consideration of technical and regulatory actions in order to support existing and future operation of fixed-satellite service earth stations within the band 3 400-4 200 MHz, as an aid to the safe operation of aircraft and reliable distribution of meteorological information in some countries in Region 1 |  | Results of required ITU-R studies will be available at the earliest at the CPM15-2 as part of Report to WRC-15 of Director of BR.  Applies to some countries (Africa) of Region 1 |  | 9.1.5 PT B  PT C |
| RES 205 | (Rev.WRC-12)    Protection of the systems operating in the mobile-satellite service in the band 406-406.1 MHz | NOC | Results of required ITU-R studies will be available at the earliest at the CPM15-2 as part of Report to WRC-15 of Director of BR. |  | 9.1.1 PT B |
| RES 207 | (Rev.WRC-03)    Measures to address unauthorized use of and interference to frequencies in the bands allocated to the maritime mobile service and to the aeronautical mobile (R) service | NOC | In invites administrations 1 should be deleted reference to footnote 5.129 of RR, which was suppressed by WRC-07.  CEPT monitoring campaigns repeatedly confirmed interference of maritime distress frequencies, mainly in the 6 MHz band by illegal transmissions but implementation of results/recommendations in this regard is difficult. Studies of ITU-R in order to find effective globally recognized instrument for remedy of this situation, taking into account good practices collected from administrations, could be part of this Resolutions.  As part of this Resolution is also proposed to study impact of cumulative interference of HF bands, especially of distress and safety channels, caused by numerous deployments of PLC systems and SRD devices, taking into account existing ITU Recommendations and Reports.  A view of PT C on trends/perspective in the use of aeronautical HF bands (reportedly diminishing) may be useful for possible modification of this Resolution. | MOD | PT C |
|  | ANNEX     Interference mitigation techniques |  |  |  |  |
| RES 212 | (Rev.WRC-07)    Implementation of International Mobile Telecommunications in the bands 1 885–2 025 MHz and 2 110 – 2 200 MHz | NOC | This Resolution is referred to in Nos. 5.351A and 5.388 (reference shall be updated). |  | 1.1  PT D |
| RES 215 | (Rev.WRC-12)    Coordination process among mobile-satellite systems and efficient use of the allocations to the mobile-satellite service in the 1-3 GHz range |  | Are criteria specified by resolves 1 of this Resolution already developed by the ITU-R? | MOD | PT B |
| RES 217 | (WRC-97)    Implementation of wind profiler radars | NOC/MOD | This Resolution is referred to in Nos. 5.162A and 5.291A | MOD | PT C |
| RES 221 | (Rev.WRC‑07)    Use of high altitude platform stations providing IMT in the bands 1 885-1 980 MHz, 2 010-2 025 MHz and 2 110-2 170 MHz in Regions 1 and 3 and 1 885-1 980 MHz and 2 110-2 160 MHz in Region 2 | NOC | This Resolution is referred to in No. 5.388A (reference shall be updated).  Is technical guidance required by “invites ITU-R” already developed? | MOD/NOC | PT D |
|  | ANNEX     Characteristics of a HAPS operating as an IMT base station in the frequency bands given in RES 221 (Rev.WRC‑07) |  |  |  |  |
| RES 222 | (Rev.WRC-12)    Use of the frequency bands 1 525-1 559 MHz and 1 626.5-1 660.5 MHz by the mobile-satellite service, and procedures to ensure long term spectrum access for the aeronautical mobile-satellite (R) service | MOD | This Resolution is referred to in Nos. 5.353A (reference shall be updated) and 5.357A |  | PT B |
|  | ANNEX     Procedures to implement No. 5.357A and Resolution 222 (Rev.WRC-12) |  |  |  |  |
| RES 223 | (Rev.WRC-12)    Additional frequency bands identified for IMT | MOD | This Resolution is referred to in Nos. 5.384A and 5.388 (both references shall be updated) | MOD | 1.1  PT D |
| RES 224 | (Rev.WRC-12)    Frequency bands for the terrestrial component of International Mobile Telecommunications below 1 GHz | NOC | This Resolution is referred to in Nos. 5.286AA (this reference shall be updated), 5.312A, 5.316A, 5.316B and 5.317A | MOD | 1.1  PT D |
| RES 225 | (Rev.WRC-12)    Use of additional frequency bands for the satellite component of IMT | MOD | This Resolution is referred to in No. 5.351A (this reference should be updated) | MOD | PT D |
| RES 229 | (Rev.WRC-12)    Use of the bands 5 150-5 250 MHz, 5 250-5 350 MHz and 5 470-5 725 MHz by the mobile service for the implementation of wireless access systems including radio local area networks | NOC/MOD | This Resolution is referred to in Nos. 5.446A, 5.447 and 5.453  Resolves 3 indicates possible actions regarding the aggregated pfd limits  Rec. M.1652 (recognizing e) and resolves 8 of RES) is incorporated by reference and was being revised (M.1652-1). | MOD | 1.1  PT D |
| RES 232 | (WRC-12)    Use of the frequency band 694-790 MHz by the mobile, except aeronautical mobile, service in Region 1 and related studies |  | This Resolution is referred to in No. 5.312A; | NOC | 1.2 PT D |
| RES 233 | (WRC-12)    Studies on frequency-related matters on International Mobile Telecommunications and other terrestrial mobile broadband applications |  |  | MOD | 1.1 PT D |
| RES 234 | (WRC-12)    Additional primary allocations to the mobile-satellite service within the bands from 22 GHz to 26 GHz |  |  | NOC | 1.10 PT B |
| 1. RES 331 | 2. (Rev.WRC-12)    Operation of the Global Maritime Distress and Safety System | 3. MOD | 4. Resolution is still needed in order to retain watch keeping of VHF CH 16 and MF frequency 2182 kHz for radiotelephony distress and safety communications | 5. NOC | 6. PT C |
| RES 339 | (Rev.WRC-03)    Coordination of NAVTEX services | NOC |  | NOC | PT C |
| RES 343 | (Rev.WRC-12)    Maritime certification for personnel of ship stations and ship earth stations for which a radio installation is not compulsory | NOC | This Resolution is referred to in No. **47.27A**. |  |  |
|  | ANNEX     Examination syllabus for radio operator’s certificates appropriate to vessels using the frequencies and techniques of the Global Maritime Distress and Safety System on a non-compulsory basis |  | According to “Invites ITU-R” a Recommendation on LRC/SRD Certificates should be developed. Is any progress in this regard? If yes, a modification of “Invites ITU-R” seems to be necessary. | NOC/MOD | PT C |
| RES 344 | (Rev.WRC-12)    Management of the maritime mobile service identity numbering resource | NOC | Revision of Recommendation ITU-R **M.585** has been made (**M.585-6**) (incorporated by reference) | MOD | PT C |
| RES 349 | (Rev.WRC-12)    Operational procedures for cancelling false distress alerts in the Global Maritime Distress and Safety System | NOC |  | NOC | PT C |
|  | ANNEX     Cancelling of false distress alerts |  |  |  |  |
| RES 352 | (WRC-03)    Use of the carrier frequencies 12 290 kHz and 16 420 kHz for safety-related calling to and from rescue coordination centres | NOC | This Resolution is referred to in No. 52.221A and in Part B, 5 of App**. 17.** | NOC | PT C |
| RES 354 | (WRC-07)    Distress and safety radiotelephony procedures for 2 182 kHz | NOC |  | NOC | PT C |
|  | ANNEX |  |  |  |  |
| RES 356 | (WRC-07)    ITU maritime service information registration | NOC |  | NOC | PT C |
| RES 358 | (WRC-12)    Consideration of improvement and expansion of on-board communication stations in the maritime mobile service in the UHF bands |  |  |  | 1.15 PT C |
| RES 359 | (WRC-12)    Consideration of regulatory provisions for modernization of the Global Maritime Distress and Safety System and studies related to e-navigation |  |  |  | PT A/PTC  AI 10  WRC-18 AI 2.1 |
| RES 360 | (WRC-12)    Consideration of regulatory provisions and spectrum allocations for enhanced Automatic Identification System technology applications and for enhanced maritime radiocommunication |  |  |  | 1.16 PT C |
| RES 405 | Relating to the use of frequencies of the aeronautical mobile (R) service | NOC |  | NOC | PT C |
| RES 413 | (Rev. WRC‑12)    Use of the band 108-117.975 MHz by the aeronautical mobile (R) service | MOD/SUP | This Resolution is referred to in No. **5.197A** (reference shall be updated)., | NOC/MOD | PT C |
| RES 416 | (WRC-07)    Use of the bands 4 400-4 940 MHz and 5 925-6 700 MHz by an aeronautical mobile telemetry application in the mobile service | NOC | This Resolution is referred to in Nos. **5.440A**, **5.442** and **5.457C** | NOC | PT C |
| RES 417 | (Rev.WRC-12)    Use of the frequency band 960-1 164 MHz by the aeronautical mobile (R) service | MOD/SUP | Linked with Resolution 413  This Resolution is referred to in No**. 5.327A**; | NOC | PT C |
| RES 418 | (Rev.WRC-12)    Use of the band 5 091-5 250 MHz by the aeronautical mobile service for telemetry applications | NOC | This Resolution is referred to in Nos. **5.444B** and **5.446C**  Resolution 748 should be taken into account.  “Noting a)” contains reference to Resolution **230** (Rev.WRC-03) which was abrogated by WRC-07. If continuation of studies is still needed (invites ITU-R), their stipulation in “noting a)” should be notified. | MOD | PT C |
|  | ANNEX |  |  |  |  |
| RES 422 | (WRC-12)    Development of methodology to calculate aeronautical mobile-satellite (R) service spectrum requirements within the frequency bands 1 545-1 555 MHz (space-to-Earth) and 1 646.5-1 656.5 MHz (Earth-to-space) |  |  | NOC | PT C |
| RES 423 | (WRC-12)    Consideration of regulatory actions, including allocations, to support Wireless Avionics Intra-Communications |  |  |  | 1.17 PT C |
| RES 506 | (Rev.WRC-97)    Use by space stations in the broadcasting-satellite service operating in the 12 GHz frequency bands allocated to the broadcasting-satellite service of the geo­stationary-satellite orbit and no other | NOC |  | NOC | PT B |
| RES 507 | (Rev.WRC-12)    Establishment of agreements and associated plans for the broadcasting-satellite service | NOC/MOD | This Resolution is linked to RES 33.  This Resolution is referred to in No. **11.37.2** | NOC | PT B |
| RES 517 | (Rev.WRC-07)    Introduction of digitally modulated emissions in the high-frequency bands between 3 200 kHz and 26 100 kHz allocated to the broadcasting service | NOC | This Resolution is referred to in No. **5.134** (reference shall be updated). Note: Recommendation BS.1615 is not mentioned in Resolution 517 (text taken over from CEPT Brief for WRC-12).  “Resolves 3” refers to Recommendation 517 (Rev.WRC-03) suppressed by WRC-07  According to “Further invites administrations” an information should be provided for Report of BR on development of digital HF broadcasting (resolves 4, instructs BR).  Does it concern WRC-15?  If yes, is it desirable to gather such data from MS and/or coordinate at CEPT/CPG level a response to be provided to BR? | MOD | PT A |
| RES 526 | (Rev.WRC-12)    Future adoption of procedures to ensure flexibility in the use of the frequency band allocated to the broadcasting-satellite service (BSS) for wide RF-band high-definition television (HDTV) and to the associated feeder links | MOD | “Considering a)” and “resolves” mention only Region 2. Has this Resolution still such impact on Region 1/CEPT that new Agenda Item for future WRC (“instructs SG”) can be requested? | MOD/NOC | PT B |
| RES 528 | (Rev.WRC-03)    Introduction of the broadcasting-satellite service (sound) systems and complementary terrestrial broadcasting in the bands allocated to these services within the range 1-3 GHz | NOC/MOD | This Resolution is referred to in Nos. 5.417A, **5.418** and **5.393**. A former version of this Resolution is referred to in No. 5.345.  “Resolves 4” refers to Resolution 703 (Rev.WARC-92) which was further revised by WRC-07. As “resolves 1” expected that competent Conference was not later than 1998, question is if substance of Resolution 528 (Rev.WRC-03) concerning BSS (sound) is still relevant in full extent? | MOD/SUP | PT B |
| RES 535 | (Rev.WRC-03)    Information needed for the application of Article 12 of the Radio Regulations | NOC | Still relevant?  As Annex refers inter alia to abrogated Recommendation 517 (Rev.WRC-03) or prefers submission of data on diskette 3.5'', it seems that at least modification of the Resolution is necessary. | MOD/SUP | PT A |
|  | ANNEX |  |  |  |  |
| RES 536 | (WRC-97)    Operation of broadcasting satellites serving other countries | NOC |  | NOC | PT B |
| RES 539 | (Rev.WRC-03)    Use of the band 2 605-2 655 MHz in certain Region 3 countries by non-geostationary satellite systems in the broadcasting-satellite service (sound) | NOC | This Resolution is referred to in Nos. **5.417A** and **5.418**  This Resolution is also referred to in Table 5-1, No. **9.11** of App. 5.  As the most of provisions of this Resolution mention only certain countries of Region 3, an applicability of the Resolution to Region 1/CEPT should be clarified. | NOC | PT A |
| RES 543 | (WRC-03)    Provisional RF protection ratio values for analogue and digitally modulated emissions in the HF broadcasting service | NOC | This Resolution is referred to in Art. 1.1 and 2.5 of Part C of App. 11.  “Resolves 1” refers to Resolution 517 (Rev.WRC-03) which was revised by WRC-07.  “Invites ITU-R 2” is addressed to WRC-07, was this task satisfactorily fulfilled?  “Resolves 3” requires revision of protection conditions, does it apply to WRC-15?  The clarification “the most recent version” should be added to texts referencing Recommendations ITU-R BS.1514 (considering g) and Annex, Section 1) and BS.1615 (Annex, Section 1). | MOD | PT A |
|  | ANNEX |  |  |  |  |
| RES 547 | (Rev. WRC-07)    Updating of the “Remarks” columns in the Tables of Article 9A of Appendix 30A and Article 11 of Appendix 30 of the Radio Regulations | NOC | Is mentioning of WRC-11 in “Instructs BR” still needed?  Is reporting on results of implementation of this Resolution to subsequent WRCs still needed? | MOD/NOC | PT B |
| RES 548 | (Rev.WRC-12)    Application of the grouping concept in Appendices 30 and 30A in Regions 1 and 3 | NOC/MOD |  | NOC | PT B |
| RES 549 | (WRC-07)    Use of the frequency band 620-790 MHz for existing assignments to stations of the broadcasting satellite service | NOC | This Resolution is referred to in Table 5-1, Nos. **9.11** and **9.19** of App. 5.  Is reference to **No. 5.311** (considering b), recognizing a) and b),) deleted by WRC-07, still needed?  What will be further role of this Resolution (i.e. protection of two BSS networks) if **No. 5.312A** and Resolutions 232 (WRC-12) and 224 (Rev. WRC-12) are taken into account? | MOD/NOC | PT B |
| RES 550 | (WRC-07)    Information relating to the high-frequency broadcasting service | NOC | Is continuation of ITU-R studies (see resolves to invite ITU-R) still desirable? | MOD/NOC | PT A |
| RES 552 | (WRC-12)    Long-term access to and development in the band 21.4-22 GHz in Regions 1 and 3 |  | This Resolution is referred to in Nos. **A.9.4**, **A.11.2**, **11.44.1** and **11.48**  References to Resolution 525 (considering b)) and Resolution 551 (considering c)) should be provided with footnote: “this Resolution was abrogated by WRC-12” | MOD/NOC | PT B |
|  | ANNEX 1 |  |  |  |  |
|  | ANNEX 2     Information to be submitted |  |  |  |  |
|  | ANNEX 3     Transitional measures |  |  |  |  |
| RES 553 | (WRC-12)    Additional regulatory measures for broadcasting-satellite networks in the band 21.4-22 GHz in Regions 1 and 3 for the enhancement of equitable access to this band |  | This Resolution is referred to in No. **A.9.8**  This Resolution is also referred to in Table 5-1, No. **9.7**, 6bis), of App. 5.  To references to Resolution 525 (considering b)) and Resolution 551 (considering c)) should be added footnote: “this Resolution was abrogated by WRC-12”  Reference to Resolution 507 (Rev.WRC-03) in considering d) should be updated to (Rev.WRC-12).  Annex 2 of Attachment to this Resolution refers to Resolution 552 (WRC-12) | MOD/NOC | PT B |
| RES 554 | (WRC-12)    Application of pfd masks to coordination under No. 9.7 for broadcasting-satellite service networks in the band 21.4-22 GHz in Regions 1 and 3 |  | This Resolution is referred to in No. **A.11.7**  This Resolution is also referred to in Table 5-1, No. **9.7**. 6**bis**), of App. 5. | NOC | PT B |
| RES 555 | (WRC-12)    Additional regulatory provisions for broadcasting-satellite service networks in the band 21.4-22 GHz in Regions 1 and 3 for the enhancement of equitable access to this band |  | This Resolution is referred to in No. **5.530D**  To reference to Resolution 525 (considering b)) should be added footnote: “this Resolution was abrogated by WRC-12”  This Resolution refers (resolves 3 and 4) to Resolution 553 (WRC-12)  According to “decides 11” of Decision 482 (modified 2012) the submissions under “resolves 3 and 4” of this Resolution shall be exempted from any charges. The “invites the ITU Council” should be therefore provided with footnote that required modification was carried out in 2012.  Pursuant to “instructs BR” the results of implementation of this Resolution shall be reported to future WRC. Will the BR report to WRC-15 progress in implementation of this Resolution? Due to high number of fillings (see recognizing a) and b)) it seems that there is little probability that this Resolution will be implemented in time of WRC-15, so MOD is proposed. | MOD | PT B |
| RES 608 | (WRC-03)    Use of the frequency band 1 215-1 300 MHz by systems of the radionavigation-satellite service (space-to-Earth) | NOC | This Resolution is referred to in No. **5.329**.  Recognizing 1 refers to Questions ITU-R 62/8 and ITU-R 217/8 (assigned to former SG8) which required deliverables to be prepared for WRC-07. At least update of recognizing 1 is necessary. | MOD/SUP | PT B |
| RES 609 | (Rev.WRC-07)    Protection of aeronautical radionavigation service systems from the equivalent power flux-density produced by radionavigation-satellite service networks and systems in the 1 164-1 215 MHz frequency band | NOC | This Resolution is referred to in No. **5.328A**  This Resolution is linked with Recommendation 608 (Rev.WRC-07).  Is software mentioned in “invites BR” and in “invites administrations 2” already available? | NOC/MOD | PT C |
|  | ANNEX     Criteria for application of RES 609 (Rev.WRC-07) |  |  |  |  |
| RES 610 | (WRC-03)    Coordination and bilateral resolution of technical compatibility issues for radionavigation-satellite service networks and systems in the bands 1 164-1 300 MHz, 1 559-1 610 MHz and 5 010-5 030 MHz | NOC | This Resolution is referred to in No. **5.328B** | NOC | PT B |
|  | ANNEX     Criteria for application of RES 610 (WRC-03) |  |  |  |  |
| RES 612 | (Rev.WRC-12)    Use of the radiolocation service between 3 and 50 MHz to support oceanographic radar operations | MOD | This Resolution is referred to in Nos. **5.132A**, **5.145A** and **5.161A** | NOC | PT C |
| RES 641 | (Rev.HFBC-87)    Use of the frequency band 7 000-7 100 kHz | NOC |  | NOC | PT C |
| RES 642 | Relating to the bringing into use of earth stations in the amateur-satellite service | NOC |  | NOC | PT C |
| RES 644 | (Rev.WRC‑12)    Radiocommunication resources for early warning, disaster mitigation and relief operations | NOC/MOD | As this Resolution is linked with Resolutions 646 (Rev.WRC-12) and 647 (Rev.WRC-12) the synchronized activities are recommended by “instructs BR 4” in order to avoid duplication of work. . | MOD | PT A |
| RES 646 | (Rev.WRC‑12)    Public protection and disaster relief | MOD | See comment on RES 644 | MOD | 1.3 PT A |
| RES 647 | (Rev.WRC-12)     Spectrum management guidelines for emergency and disaster relief radiocommunication | NOC/MOD | See comment on RES 644 | SUP | 9.1.7 PT A |
| RES 648 | (WRC-12)    Studies to support broadband public protection and disaster relief |  | “Resolves invites WRC-15” to revise Resolution 646 (Rev.WRC-12) | MOD/SUP | 1.3 PT A |
| RES 649 | (WRC-12)    Possible allocation to the amateur service on a secondary basis at around 5 300 kHz |  | Studies shall be completed in time for WRC-15 (“invites ITU-R 3”) | SUP | 1.4 PT C |
| RES 650 | (WRC-12)    Allocation for the Earth exploration-satellite service (Earth-to-space) in the 7-8 GHz range |  | Work should be completed by WRC-15 (“resolves to invite ITU-R 3”, “resolves to invite WRC-15”) | SUP | 1.11 PT A |
| RES 651 | (WRC-12)    Possible extension of the current worldwide allocation to the Earth exploration-satellite (active) service in the frequency band 9 300-9 900 MHz by up to 600 MHz within the frequency bands 8 700-9 300MHz and/or 9 900- 10 500 MHz |  | Work should be completed by WRC-15 (“invites ITU-R”, “resolves”) | SUP | 1.12 PT A |
| RES 652 | (WRC-12)    Use of the band 410-420 MHz by the space research service (space-to-space) |  | Work should be completed by WRC-15 (“resolves to invite ITU-R 2”) | SUP | 1.13 PT A |
| RES 653 | (WRC-12)    Future of the Coordinated Universal Time time-scale |  |  | MOD/NOC | 1.14 PT A |
| RES 654 | (WRC-12)    Allocation of the band 77.5-78 GHz to the radiolocation service to support automotive short-range high-resolution radar operations |  |  | SUP  (EUR/1.17/3) | 1.18 PT C |
| RES 673 | (Rev.WRC-12)    The importance of Earth observation radiocommunication applications | MOD | This Resolution is referred to in No. **29A.1** | NOC | PT A |
| RES 703 | (Rev.WRC-07)    Calculation methods and interference criteria recommended by ITU‑R for sharing frequency bands between space radiocommunication and terrestrial radiocommunication services or between space radiocommunication services | SUP |  |  |  |
| RES 705 | (Mob-87)    Mutual protection of radio services operating in the band 70-130 kHz | NOC/MOD |  |  |  |
| RES 716 | (Rev.WRC-12)    Use of the frequency bands 1 980-2 010 MHz and 2 170-2 200 MHz in all three Regions and 2 010-2 025 MHz and 2 160-2 170 MHz in Region 2 by the fixed and mobile-satellite services and associated transition arrangements | MOD | A former version of this Resolution is referred to in Nos. **5.389A**, **5.389C** and **5.390** |  |  |
| RES 729 | (Rev.WRC-07)    Use of frequency adaptive systems in the MF and HF bands | MOD/SUP | Resolution is referred to in Table 1 of Annex 1 to App. 4.  Should be considered in the light of the results of Agenda Item 1.19 WRC-12. |  |  |
| RES 731 | (Rev.WRC-12)    Consideration of sharing and adjacent-band compatibility between passive and active services above 71 GHz | NOC |  |  |  |
| RES 732 | (Rev.WRC-12)    Consideration of sharing between active services above 71 GHz | NOC |  |  |  |
| RES 739 | (Rev.WRC‑07)    Compatibility between the radio astronomy service and the active space services in certain adjacent and nearby frequency bands | NOC | This Resolution is referred to in No. **5.208B** |  |  |
|  | ANNEX 1     Unwanted emission threshold levels |  |  |  |  |
| RES 741 | (Rev.WRC-12)    Protection of the radio astronomy service in the band 4 990-5 000 MHz from unwanted emissions of the radionavigation-satellite service (space-to-Earth) operating in the frequency band 5 010-5 030 MHz | NOC/MOD | This Resolution is referred to in No. **5.443B**. |  |  |
| RES 743 | (WRC-03)    Protection of single-dish radio astronomy stations in Region 2 in the 42.5-43.5 GHz band | NOC | This Resolution is referred to in Nos. **5.551H** and **5.551I**. |  |  |
| RES 744 | (Rev.WRC-07)    Sharing between the mobile-satellite service (Earth-to-space) and the fixed and mobile services in the band 1 668.4-1 675 MHz | NOC | This Resolution is referred to in No**. 5.379D** |  |  |
| RES 748 | (Rev.WRC-12)    Compatibility between the aeronautical mobile (R) service and the fixed-satellite service (Earth-to-space) in the band 5 091-5 150 MHz | NOC/MOD | This Resolution is referred to in No**. 5.444B**. | MOD  (EUR/XXA7/4) |  |
| RES 749 | (Rev.WRC-12)    Use of the band 790-862 MHz in countries of Region 1 and the Islamic Republic of Iran by mobile applications and by other services | MOD | This Resolution is referred to in Nos. **5.316A**, **5.316B** and **5.317A**. |  |  |
| RES 750 | (Rev.WRC-12)    Compatibility between the Earth exploration-satellite service (passive) and relevant active services | NOC | This Resolution is referred to in No. **5.338A**. |  |  |
| RES 751 | (WRC-07)    Use of the frequency band 10.6-10.68 GHz | NOC | This Resolution is referred to in No. **5.482A**. |  |  |
|  | ANNEX    Sharing criteria in the band 10.6-10.68 GHz |  |  |  |  |
| RES 752 | (WRC-07)    Use of the frequency band 36-37 GHz | NOC | This Resolution is referred to in No. **5.550A**. |  |  |
|  | ANNEX    Sharing criteria in the band 36-37 GHz |  |  |  |  |
| RES 755 | (WRC-12)    Power flux-density limits for transmitting stations in the 21.4-22 GHz band |  | This Resolution is referred to in No. **5.530C** |  |  |
| RES 756 | (WRC-12)    Studies on possible reduction of the coordination arc and technical criteria used in application of No. 9.41 in respect of coordination under No. 9.7 |  |  |  | 9.1.2 PT B |
|  | ANNEX 1     Possible example of application of No. 11.32 to coordination under No. 9.7 in certain radiocommunication services and frequency bands |  |  |  |  |
|  | Annex 2     Possible application of a different interference criterion to coordination under No. 9.7 in certain radiocommunication services and frequency bands |  |  |  |  |
| RES 757 | (WRC-12)    Regulatory aspects for nanosatellites and picosatellites |  |  |  | 9.1.8 PT A |
| RES 758 | (WRC-12)    Allocation to the fixed-satellite service and the maritime mobile satellite service in the 7/8 GHz range |  |  |  | 1.9 PT B |
| RES 804 | Rev.(WRC-12)    Principles for establishing agendas for world radiocommunication conferences | NOC |  |  |  |
|  | ANNEX 1    Principles for establishing agendas for WRCs |  |  |  |  |
|  | ANNEX 2    Template for the submission of proposals for agenda items |  |  |  |  |
| RES 806 | (WRC‑07)    Preliminary agenda for the 2015 World Radiocommunication Conference | SUP | New Resolution was developed during WRC-12, containing the agenda for WRC-15, but this Resolution was not abrogated | SUP |  |
| RES 807 | (WRC-12)    Agenda for the 2015 World Radiocommunication Conference |  | To be suppressed at WRC-15 |  |  |
| RES 808 | (WRC-12)    Preliminary agenda for the 2018 World Radiocommunication Conference |  |  |  | 10 PT A |
| RES 900 | (WRC‑03)    Review of the Rule of Procedure for No. 9.35 of the Radio Regulations | SUP |  |  |  |
|  | ANNEX     Procedure to be used by the Radiocommunication Bureau for networks examined under the Rule of Procedure on No. 9.35 |  |  |  |  |
| RES 901 | (Rev.WRC-07)    Determination of the orbital arc separation for which coordination would be required between two satellite networks operating in a space service not subject to a Plan | NOC | This Resolution is referred to in No. Table 5-1, No. **9.7, 7**) and **8**) of App 5. |  |  |
| RES 902 | (WRC-03)    Provisions relating to earth stations located on board vessels which operate in fixed-satellite service networks in the uplink bands 5 925-6 425 MHz and 14-14.5 GHz | NOC | This Resolution is referred to in Nos. **5.457A**, **5.457B**, **5.506A** and **5.506B**. |  |  |
|  | ANNEX 1     Regulatory and operational provisions for ESVs transmitting in the 5 925‑6 425 MHz and 14-14.5 GHz bands |  |  |  |  |
|  | ANNEX 2     Technical limitations applicable to ESVs transmitting in the bands 5 925-6 425 MHz and 14-14.5 GHz |  |  |  |  |
| RES 903 | (WRC-07)    Transitional measures for certain broadcasting satellite / FSS systems in the band 2 500-2 690 MHz | NOC | This Resolution is referred to in No. **21.16.3A** |  |  |
| RES 904 | (WRC-07)    Transitional measure for coordination between Mobile-Satellite Service (Earth-to-space) and the space research (passive) service in the band 1 668 – 1 668.4 MHz for a specific case | NOC | This Resolution is referred to in No. **5.379B**  Transitional measures still needed? |  |  |
| RES 906 | (Rev.WRC-12)    Electronic submission of notice forms for terrestrial services to the Radiocommunication Bureau and exchange of data between administrations | SUP |  |  |  |
| RES 907 | (WRC-12)    Use of modern electronic means of communication for administrative correspondence related to advance publication, coordination and  notification of satellite networks including that related to Appendices 30, 30A and 30B, earth stations and radio astronomy stations |  |  |  |  |
| RES 908 | (WRC-12)    Electronic submission and publication of advance publication information |  |  |  |  |
| RES 909 | (WRC-12)    Provisions relating to earth stations located on board vessels which operate in fixed-satellite service networks in the uplink bands 5 925-6 425 MHz and 14-14.5 GHz |  |  |  | 1.8 PT B |
| RES 957 | (WRC-12)    Studies towards review of the definitions of fixed service, fixed station and mobile station |  |  | NOC (EUR/XXX/YY) | 9.1.6 PT A |

| Recommendation | | CEPT proposal WRC-12 | Comments | Proposed course of action at WRC-15 |
| --- | --- | --- | --- | --- |
| REC 7 | (Rev.WRC-97)    Adoption of standard forms for ship station and ship earth station licences and aircraft station and aircraft earth station licences | NOC |  |  |
|  | ANNEX 1     Principles for the formulation of standard ship and aircraft station licences |  |  |  |
|  | ANNEX 2 |  |  |  |
|  | ANNEX 3 |  |  |  |
| REC 8 | Relating to automatic identification of stations | NOC |  |  |
| REC 9 | Relating to the measures to be taken to prevent the operation of broadcasting stations on board ships or aircraft outside national territories | NOC |  |  |
| REC 16 | (WRC-12)    Interference management for stations that may operate under more than one terrestrial radiocommunication service |  |  |  |
| REC 34 | (Rev.WRC-12)    Principles for the allocation of frequency bands | SUP |  |  |
| REC 36 | (WRC-97)    Role of international monitoring in reducing apparent congestion in the use of orbit and spectrum resources | NOC |  |  |
| REC 37 | (WRC-03)    Operational procedures for earth stations on board vessels (ESVs) use | NOC | This Recommendation is referred to in Resolution 902 (WRC-03). |  |
|  | ANNEX 1     Operational procedures for ESV use |  |  |  |
| REC 63 | Relating to the provision of formulae and examples for the calculation of necessary bandwidths | NOC |  |  |
| REC 71 | Relating to the standardization of the technical and operational characteristics of radio equipmen | NOC |  |  |
| REC 75 | (WRC-03)    Study of the boundary between the out-of-band and spurious domains of primary radars using magnetrons | NOC |  |  |
| REC 76 | (WRC-12)    Deployment and use of cognitive radio systems |  |  |  |
| REC 100 | (Rev.WRC-03)    Preferred frequency bands for systems using tropospheric scatter | NOC |  |  |
| REC 206 | (Rev.WRC-12)    Studies on the possible use of integrated mobile-satellite service and ground component systems in the bands 1 525-1 544 MHz, 1 545-1 559 MHz, 1 626.5-1 645.5 MHz and 1 646.5-1 660.5 MHz | MOD |  |  |
| REC 207 | (WRC-07)    Future IMT systems | NOC |  |  |
| REC 316 | (Rev.Mob-87)    Use of ship earth stations within harbours and other waters under national jurisdiction | NOC |  |  |
| REC 401 | Relating to the efficient use of aeronautical mobile (R) worldwide frequencies | NOC |  |  |
| REC 503 | (Rev.WRC-2000)    High-frequency broadcasting | SUP | Manufacturers could be Sectors Members and could follow online the results of ITU-R studies. |  |
| REC 506 | Relating to the harmonics of the fundamental frequency of broadcasting-satellite stations | NOC |  |  |
| REC 520 | (WARC-92)    Elimination of HF broadcasting on frequencies outside the HF bands allocated to the broadcasting service | NOC |  |  |
| REC 522 | (WRC-97)    Coordination of high-frequency broad­casting schedules in the bands allocated to the broadcasting service between 5 900 kHz and 26 100 kHz | NOC |  |  |
| REC 608 | (Rev.WRC-07)    Guidelines for consultation meetings established in Resolution 609 (Rev.WRC-07) | NOC | This Recommendation is referred to in Resolution 609 (Rev. WRC-07).  Recommendations ITU-R M.1642-2 (updated 10/2007); M.1787 (updated 01/2012) in force |  |
|  | ANNEX 1     List of RNSS system characteristics and format of the result of the aggregate epfd calculation to be provided to the Radiocommunication Bureau for publication for information |  |  |  |
| REC 622 | (WRC-97)    Use of the frequency bands 2 025-2 110 MHz and 2 200-2 290 MHz by the space research, space operation, Earth exploration-satellite, fixed and mobile services | NOC |  |  |
| REC 707 | Relating to the use of the frequency band 32-33 GHz shared between the inter-satellite service and the radionavigation service | NOC | This Recommendation is referred to in No. **5.548**. |  |
| REC 724 | (WRC-07)    Use by civil aviation of frequency allocations on a primary basis to the fixed-satellite service | NOC |  |  |

1. *Note by the Secretariat:*  This Resolution was revised by WRC-03 [↑](#footnote-ref-1)