



# GUIDELINES FOR THE PREPARATION OF PROPOSALS FOR WRC-15

(8 May 2015)

## Table of Contents

<b>1. INTRODUCTION .....</b>	<b>2</b>
<b>2. BEFORE GETTING STARTED .....</b>	<b>2</b>
2.1. 2012 Edition of the Radio Regulations .....	2
2.2. Conference Proposals Interface (CPI) .....	2
2.3. Report of the CPM to WRC-15 .....	2
2.4. MS Word Templates .....	2
2.5. Use of Microsoft Word .....	3
2.5.1. Microsoft Word versions .....	3
2.5.2. Use of Track Changes (Revision Marks) .....	3
<b>3. GUIDELINES FOR PRESENTATION OF PROPOSALS .....</b>	<b>4</b>
3.1. Organization/structuring of the proposals for the different items, topics or issues on the WRC-15 agenda .....	4
3.2. Summary/Introduction .....	5
3.3. Numbering of Proposals .....	5
3.4. Use of Symbols to Propose Changes the Radio Regulations .....	5
3.5. Ordering of Proposals, Agenda Items and Suffix Number .....	6
3.6. Footnotes to a title .....	6
3.7. Draft New Resolutions and Draft New Recommendations .....	7
3.8. Additions of New Provisions .....	7
3.9. Volume I - Article 5 Frequency Allocation Tables .....	7
3.10. Mapping of Proposals .....	8
<b>4. SUBMISSION OF PROPOSALS .....</b>	<b>8</b>
<b>ANNEX 1 - SUFFIX NUMBER AND WRC-15 AGENDA ITEM/TOPIC/ISSUE .....</b>	<b>9</b>
<b>ANNEX 2 - EXAMPLES ON HOW TO MODIFY RR ARTICLE 5 FREQUENCY ALLOCATION TABLES .....</b>	<b>13</b>

## 1. INTRODUCTION

These guidelines have been prepared by the WRC-15 Secretariat to assist in the preparation of proposals to the forthcoming World Radiocommunication Conference 2015 (WRC-15).

For further inquiries regarding these guidelines, please contact [wrc15@itu.int](mailto:wrc15@itu.int).

## 2. BEFORE GETTING STARTED

### 2.1. 2012 Edition of the Radio Regulations

Proposals should be prepared using the electronic version of the 2012 Edition of the Radio Regulations (RR-12) which can be found free-of-charge in the six languages of the Union:

- using the Conference Proposals Interface (see section 2.2 below);
- on the WRC-15 website at [www.itu.int/go/ITU-R/wrc-15](http://www.itu.int/go/ITU-R/wrc-15);

### 2.2. Conference Proposals Interface (CPI)

[Conference Proposal Interface \(CPI\)](#) is an electronic tool developed by the ITU to facilitate preparation and submission of proposals to WRC-15.

The use of CPI to prepare and submit proposals to WRC-15 is recommended by the WRC-15 Secretariat. It will facilitate and optimize the treatment of the documents containing the proposals by the Secretariat and accelerate their publication into the six languages of the Union. Guidelines on the use of CPI are available at from the CPI application.

### 2.3. Report of the CPM to WRC-15

The Report of the CPM to WRC-15 is available at [www.itu.int/md/R12-CPM15.02-R-0001/en](http://www.itu.int/md/R12-CPM15.02-R-0001/en). It contains examples of modifications (i.e. ADD, MOD, SUP, NOC) to the Radio Regulations with respect to the different items, topics or issues on the WRC-15 agenda and which can be considered in the preparation of proposals to WRC-15.

The WRC-15 Secretariat recommends to create the proposals to WRC-15 as indicated in Sections 2.1 and 2.2 above. Once these proposals have been created on that basis, new regulatory texts from the relevant examples given in the CPM Report that have already been translated could be included in the above-mentioned proposals with clear indications to highlight the existing texts taken from the CPM Report.

### 2.4. MS Word Templates

All proposals submitted to WRC-15 should be prepared using the official MS Word templates, which may be found in the 6 languages of the Union on the **WRC-15 website at** [www.itu.int/go/ITU-R/wrc-15](http://www.itu.int/go/ITU-R/wrc-15).

When retrieving text from the Radio Regulations, the *format and styles of the text must not be changed.*

The use of CPI will ensure compliance with the official WRC-15 MS Word templates.

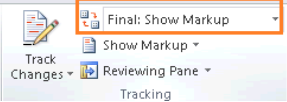
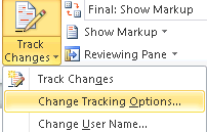
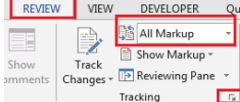
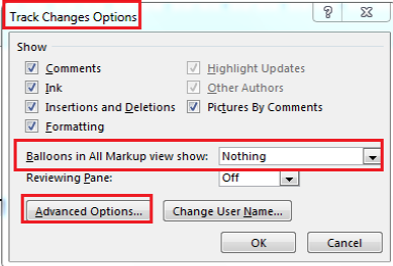
## 2.5. Use of Microsoft Word

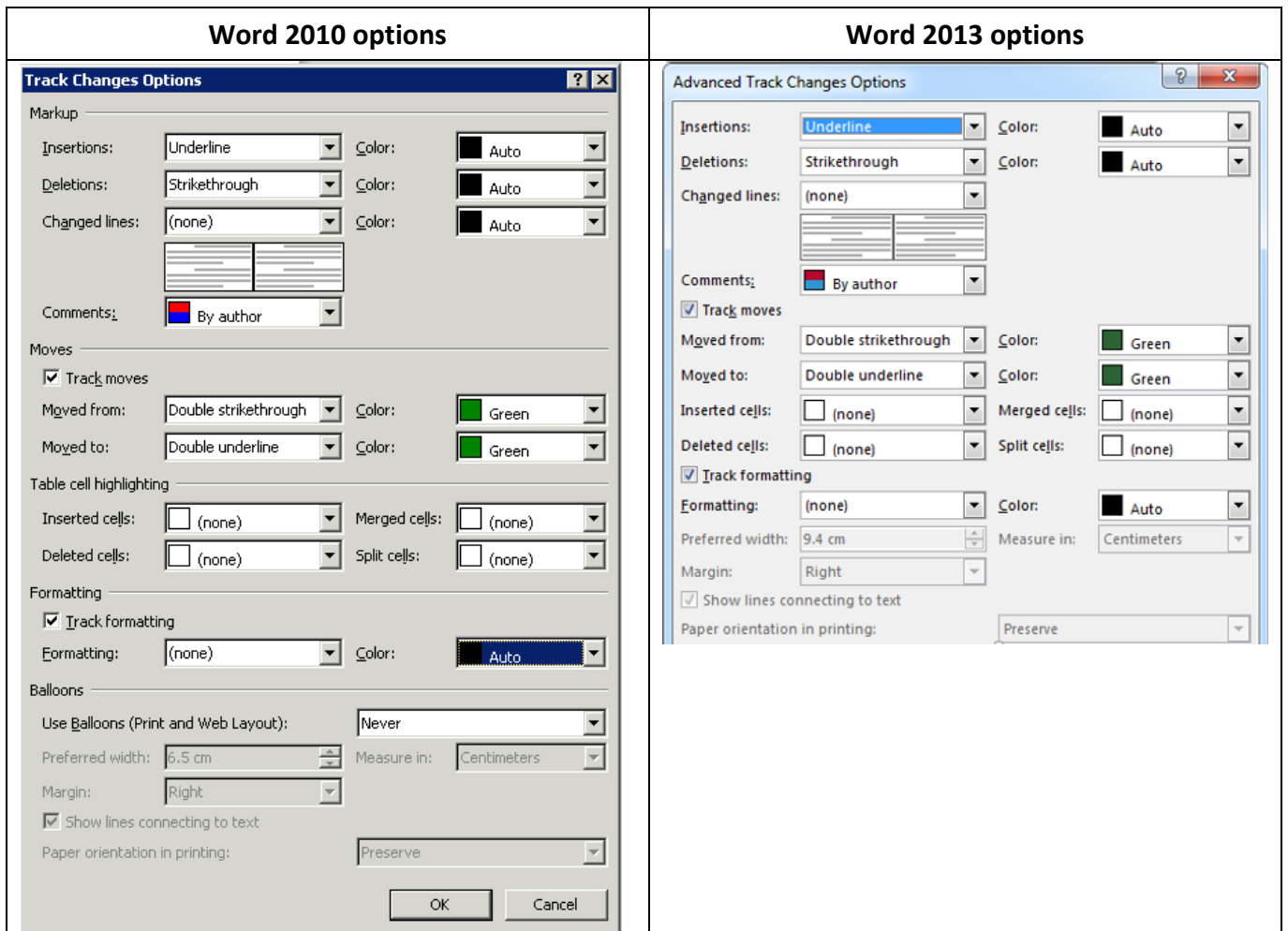
### 2.5.1. Microsoft Word versions

As of mid-2014, the ITU has been migrating to the MS Office 2013 Suite, including MS Word 2013 which will be used for the processing and publishing of WRC-15 documentation, including proposals for the work of the conference.

### 2.5.2. Use of Track Changes (Revision Marks)

To help following proposed RR-12 modifications, ITU Members should make sure their MS Word track changes options are set as follows:

Word 2010 options	Word 2013 options
<p><b>Under the <u>Review</u> tab:</b></p> <ul style="list-style-type: none"> <li>the Display for Review = <b>Final: Show Markup</b></li> </ul>  <p>Click on the small arrow beside <b>Track Changes</b> and click on <b>Change Tracking Options</b>:</p>  <p>and apply the following options:</p> <ul style="list-style-type: none"> <li>Insertions = Underline</li> <li>Deletions = Strikethrough</li> <li>Track moves: Moved from = Double strikethrough</li> <li>Track moves: Moved to = Double underline</li> <li>Balloons - Use Balloons = Never</li> </ul>	<p><b>Under the <u>Review</u> tab:</b></p> <ul style="list-style-type: none"> <li>the Display for Review = <b>All Markup</b></li> </ul>  <p>Click on the small arrow beside <b>Tracking</b> which opens the <b>Track Changes Options</b>:</p>  <p>and apply the following options:</p> <ul style="list-style-type: none"> <li>Balloons in All Markup view show = Nothing</li> </ul> <p>Then click on the <b>Advanced Options</b>:</p> <ul style="list-style-type: none"> <li>Insertions = Underline</li> <li>Deletions = Strikethrough</li> <li>Track moves: Moved from = Double strikethrough</li> <li>Track moves: Moved to = Double underline</li> </ul>



### 3. GUIDELINES FOR PRESENTATION OF PROPOSALS

The following standards of presentation should be adhered to as far as possible.

#### 3.1. Organization/structuring of the proposals for the different items, topics or issues on the WRC-15 agenda

The WRC-15 Secretariat recommends to create a baseline document with one addendum per items, topics or issues on the WRC-15 agenda. All the proposals or common proposals on each item, topic or issue on the WRC-15 agenda would then be included in a different addendum to the baseline document.

In the case of proposals from an individual Member State, the baseline document could for example simply contain a brief general introduction and scope of its addenda as well as other relevant information not specific to a particular item, topic or issue included in an addendum.

In the case of common proposals from a regional group, the baseline document would also contain a table of the common proposals co-signatures by the supporting administrations.

In the case of multi-countries proposals by several administrations, all the administrations' names would have to be mentioned in the source of the document.

### 3.2. Summary/Introduction

The proposals or common proposals on a given items, topics or issues of the WRC-15 agenda may begin with a short summary or introduction of the proposed views or positions on the subject. This should be followed by the detailed proposals to RR-12, each proposal or group of proposals being followed as appropriate by a brief separate statement of the reason for the proposed action to RR-12.

### 3.3. Numbering of Proposals

In accordance with the provisions of No. 42 of the General Rules of Conferences, Assemblies and Meetings of the Union, the Secretariat will annotate the individual proposals with index numbers composed as follows:

**ABC/25A6-A1/3**

where ABC is the symbol of the Member State(s) or of the regional group, author(s) of the proposal or common proposal (according to the [Preface to the International Frequency List](#)), 25 is the number assigned by the Secretariat to the document, A6-A1 is the addendum/suffix number in which the proposal is published, and 3 is the serial number of the proposal within that document. When using CPI, the symbol of the author(s) of the proposal(s)/common proposal(s) as well as the proposal numbering are automated.

### 3.4. Use of Symbols to Propose Changes the Radio Regulations

Action	Types of Proposed Modification	MS Word Track Changes Feature
n/a	Adding an introduction, a summary or explanations at the beginning of a document, adding a reason explaining a proposed action to the RR. Do not use key words ADD, MOD, SUP and NOC	Turned OFF
ADD	<b>Proposal to add new text to the RR</b> Where new text is to be added within an existing paragraph or sub-paragraph, the symbol MOD should be used (see instructions for MOD below).	Turned OFF
ADD *	<b>Proposal to add existing text from elsewhere in the RR</b> It is necessary to reproduce the texts carrying the symbol ADD*	Turned OFF
MOD	<b>Proposal to amend RR text by addition, deletion or replacement of words or figures</b> Modify existing RR text by adding, changing and/or removing content of an existing RR-12 provision, Resolution or Recommendation. Deleted text should then appear as <del>strikethrough</del> and added texts should then appear as <u>underlined</u> , as a result of the use of the MS Word track changes and revision marks.	Turned ON

Action	Types of Proposed Modification	MS Word Track Changes Feature
(MOD)	<b>Proposal to amend RR text, from an editorial point of view</b> Deleted text should then appear as <del>striketrough</del> and added texts should then appear as <u>underlined</u> , as a result of the use of the MS Word track changes and revision marks.	Turned ON
SUP	<b>Proposal to delete RR text, provision(s), Resolution(s) or Recommendation(s)</b> It is not necessary to reproduce texts carrying the symbol SUP. Where text is to be deleted from within a paragraph or sub-paragraph, the symbol MOD should be used (see instructions for MOD above).	Turned OFF
SUP*	<b>Proposal to transfer text elsewhere in the Radio Regulations</b> It is not necessary to reproduce texts carrying the symbol SUP*.	Turned OFF
<u>NOC</u>	<b>Proposal for RR text to be maintained without change</b> This symbol may be used together with a proposal number to emphasize that a particular provision, Resolution or Recommendation should remain unchanged, e.g. Article XX may be shown as NOC but provisions AA and BB of Article XX may be shown as NOC. The reasons as to why these provisions need to be maintained without change should be given.	Turned OFF
NOC	<b>RR text for which no change is indicated</b> This symbol may be used to clarify that no proposals are made with respect to texts carrying this symbol. It is not necessary to reproduce texts carrying this symbol.	Turned OFF

### 3.5. Ordering of Proposals, Agenda Items and Suffix Number

As indicated in Section 3.1, administrations should, as much as possible, try to group their proposals by items, topics or issues on the WRC-15 agenda within an addendum related to a main document. The WRC Secretariat has prepared a table showing as an example the suffix number to be associated to proposals relating to each WRC-15 agenda item, topic or issue (see Annex 1 to this document), noting that an addendum/suffix number might be skipped if no proposals is submitted on that a particular item/topic/issue.

Each addendum should begin with the title, followed by the agenda item content. This should appear before the summary or introduction. When using CPI, the insertion of relevant titles and agenda item content is automated.

As much as possible, proposals should also be presented in the same order as in the 2012 Radio Regulations. It is worth noting that, when using CPI, proposals are presented in the same order as in the Radio Regulations, while maintaining the possibility to re-order the proposals.

### 3.6. Footnotes to a title

When presenting the title of an Article, Appendix, Section, Part, Resolution or Recommendation, which has footnote references, i.e. Article 11, it is not necessary to reproduce the footnote text when it is maintained and unmodified.

### 3.7. Draft New Resolutions and Draft New Recommendations

Proposals for draft new resolutions and recommendations should be annotated "ADD". Revision marks should not be shown when using the action "ADD".

Draft new resolutions and recommendations should be identified as follows.

**ADD**      **MSP/25/1**

DRAFT NEW RESOLUTION [MSP/A17/.....]

where

- MSP = Member State(s) or regional group symbol
- A is the first (B would be the second) Resolution under this agenda item 1.7
- "/....." is optional and may be used to put a short reference to the subject of the draft new Resolution.

The same principle would apply to draft new recommendations, i.e.:

**ADD**      **MSP/25/2**

DRAFT NEW RECOMMENDATION [MSP/A17/.....]

In cases where resolutions or recommendations cancel and replace existing ones, a mention of this should be included in the reason after the ADD proposal and the existing resolutions or recommendations proposed to be suppressed should appear in a separate SUP proposal.

### 3.8. Additions of New Provisions

Proposals for the addition of new RR provisions should be annotated "ADD". Revision marks should not be shown when using the action "ADD". New provisions should be numbered as follows, using provisional provision numbers based on the WRC-15 agenda item.

**ADD**      **ABC/25/3**

**5.A17**      [text missing]

where

- 5 is the Article/section of the RR-12 the new provision is related to;
- A17 is the first new provision in this document under agenda item 1.7;
- The second new provision within the same document (and under the same agenda item) would then be referenced as [X].B17.

### 3.9. Volume I - Article 5 Frequency Allocation Tables

Modifications (MOD) of the Allocation tables in RR-12 Article 5 Section IV should always start with a reference to the entire frequency range indicated the frequency table title, e.g. **8.3-110 kHz**, even if the proposal relates only to a particular frequency band within that range. The first proposal should also be preceded by the title of Article 5 and the title of its Section IV. Proposed modifications should contain "dots", i.e. (...) only in cases where a frequency band(s) is missing between two frequency bands that are being shown. It is not necessary to show dots at the beginning or ending of a frequency table as this is evident in the table title. Where practicable, unmodified frequency bands should not be reproduced. These frequency tables should be presented with each having a separate proposal number. Modifications of several frequency bands within the same frequency table may be presented as a single proposal. See Annex 2 for a list of examples on how to modify Article 5 Frequency Allocation Tables.

### 3.10. Mapping of Proposals

It is not necessary to mention the Volume when mapping your proposals, however, the number and title of the relevant Article, Appendix, Resolution, Recommendation, Section, Sub-section, etc. should be outlined before each group of proposals associated within that part of the RR, in order to avoid any misunderstanding of the proposals.

When using CPI, mapping of proposals is automated.

## 4. SUBMISSION OF PROPOSALS

Once ready, proposals should be submitted by email at [wrc15@itu.int](mailto:wrc15@itu.int) or through the [Conference Proposal Interface \(CPI\)](#) proposal submission feature.

For deadlines for contribution submission, please refer to:

- **Circular Letter No. 2** available at [www.itu.int/md/s15-sg-cir-0002/en](http://www.itu.int/md/s15-sg-cir-0002/en), and
- **BR Administrative Circular CA/219 and its Addendum 1** available at [www.itu.int/md/R00-CA-CIR-0219/en](http://www.itu.int/md/R00-CA-CIR-0219/en).



## ANNEX 1 - SUFFIX NUMBER AND WRC-15 AGENDA ITEM/TOPIC/ISSUE

Agenda Item/ Topic (Issue)	Suffix	Agenda Item/Topic (Issue) Description
1	<i>n/a</i>	on the basis of proposals from administrations, taking account of the results of WRC-12 and the Report of the Conference Preparatory Meeting, and with due regard to the requirements of existing and future services in the bands under consideration, to consider and take appropriate action in respect of the following items:
1.1	<b>A1</b>	to consider additional spectrum allocations to the mobile service on a primary basis and identification of additional frequency bands for International Mobile Telecommunications (IMT) and related regulatory provisions, to facilitate the development of terrestrial mobile broadband applications, in accordance with Resolution <b>233 (WRC-12)</b> ;
1.2	<b>A2</b>	to examine the results of ITU R studies, in accordance with Resolution <b>232 (WRC-12)</b> , on the use of the frequency band 694-790 MHz by the mobile, except aeronautical mobile, service in Region 1 and take the appropriate measures;
1.3	<b>A3</b>	to review and revise Resolution <b>646 (Rev.WRC-12)</b> for broadband public protection and disaster relief (PPDR), in accordance with Resolution <b>648 (WRC-12)</b> ;
1.4	<b>A4</b>	to consider possible new allocation to the amateur service on a secondary basis within the band 5 250-5 450 kHz in accordance with Resolution <b>649 (WRC-12)</b> ;
1.5	<b>A5</b>	to consider the use of frequency bands allocated to the fixed-satellite service not subject to Appendices <b>30, 30A</b> and <b>30B</b> for the control and non-payload communications of unmanned aircraft systems (UAS) in non-segregated airspaces, in accordance with Resolution <b>153 (WRC-12)</b> ;
1.6	<b>A6</b>	to consider possible additional primary allocations:
1.6.1	<b>A6-A1</b>	to the fixed-satellite service (Earth-to-space and space-to-Earth) of 250 MHz in the range between 10 GHz and 17 GHz in Region 1;
1.6.2	<b>A6-A2</b>	to the fixed-satellite service (Earth-to-space) of 250 MHz in Region 2 and 300 MHz in Region 3 within the range 13-17 GHz;
	<i>n/a</i>	and review the regulatory provisions on the current allocations to the fixed-satellite service within each range, taking into account the results of ITU R studies, in accordance with Resolutions <b>151 (WRC-12)</b> and <b>152 (WRC-12)</b> , respectively;
1.7	<b>A7</b>	to review the use of the band 5 091-5 150 MHz by the fixed-satellite service (Earth-to-space) (limited to feeder links of the non-geostationary mobile-satellite systems in the mobile-satellite service) in accordance with Resolution <b>114 (Rev.WRC-12)</b> ;
1.8	<b>A8</b>	to review the provisions relating to earth stations located on board vessels (ESVs), based on studies conducted in accordance with Resolution <b>909 (WRC-12)</b> ;
1.9	<b>A9</b>	to consider, in accordance with Resolution <b>758 (WRC-12)</b> :
1.9.1	<b>A9-A1</b>	possible new allocations to the fixed-satellite service in the frequency bands 7 150-7 250 MHz (space-to-Earth) and 8 400-8 500 MHz (Earth-to-space), subject to appropriate sharing conditions;
1.9.2	<b>A9-A2</b>	the possibility of allocating the bands 7 375-7 750 MHz and 8 025-8 400 MHz to the maritime-mobile satellite service and additional regulatory measures, depending on the results of appropriate studies;

Agenda Item/ Topic (Issue)	Suffix	Agenda Item/Topic (Issue) Description
1.10	A10	to consider spectrum requirements and possible additional spectrum allocations for the mobile-satellite service in the Earth-to-space and space-to-Earth directions, including the satellite component for broadband applications, including International Mobile Telecommunications (IMT), within the frequency range from 22 GHz to 26 GHz, in accordance with Resolution <b>234 (WRC-12)</b> ;
1.11	A11	to consider a primary allocation for the Earth exploration-satellite service (Earth-to-space) in the 7-8 GHz range, in accordance with Resolution <b>650 (WRC-12)</b> ;
1.12	A12	to consider an 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 8 700-9 300 MHz and/or 9 900-10 500 MHz, in accordance with Resolution <b>651 (WRC-12)</b> ;
1.13	A13	to review No. <b>5.268</b> with a view to examining the possibility for increasing the 5 km distance limitation and allowing space research service (space-to-space) use for proximity operations by space vehicles communicating with an orbiting manned space vehicle, in accordance with Resolution <b>652 (WRC-12)</b> ;
1.14	A14	to consider the feasibility of achieving a continuous reference time-scale, whether by the modification of coordinated universal time (UTC) or some other method, and take appropriate action, in accordance with Resolution <b>653 (WRC-12)</b> ;
1.15	A15	to consider spectrum demands for on-board communication stations in the maritime mobile service in accordance with Resolution <b>358 (WRC-12)</b> ;
1.16	A16	to consider regulatory provisions and spectrum allocations to enable possible new Automatic Identification System (AIS) technology applications and possible new applications to improve maritime radiocommunication in accordance with Resolution <b>360 (WRC-12)</b> ;
1.17	A17	to consider possible spectrum requirements and regulatory actions, including appropriate aeronautical allocations, to support wireless avionics intra-communications (WAIC), in accordance with Resolution <b>423 (WRC-12)</b> ;
1.18	A18	to consider a primary allocation to the radiolocation service for automotive applications in the 77.5-78.0 GHz frequency band in accordance with Resolution <b>654 (WRC-12)</b> ;
2	A19	to examine the revised ITU R Recommendations incorporated by reference in the Radio Regulations communicated by the Radiocommunication Assembly, in accordance with Resolution <b>28 (Rev.WRC-03)</b> , and to decide whether or not to update the corresponding references in the Radio Regulations, in accordance with the principles contained in Annex 1 to Resolution <b>27 (Rev.WRC-12)</b> ;
3	n/a	to consider such consequential changes and amendments to the Radio Regulations as may be necessitated by the decisions of the Conference;
4	A20	in accordance with Resolution <b>95 (Rev.WRC-07)</b> , to review the resolutions and recommendations of previous conferences with a view to their possible revision, replacement or abrogation;
5	n/a	to review, and take appropriate action on, the Report from the Radiocommunication Assembly submitted in accordance with Nos. 135 and 136 of the Convention;

Agenda Item/ Topic (Issue)	Suffix	Agenda Item/Topic (Issue) Description
6	<i>n/a</i>	to identify those items requiring urgent action by the Radiocommunication Study Groups in preparation for the next world radiocommunication conference;
7	<b>A21</b>	to consider possible changes, and other options, in response to Resolution 86 (Rev. Marrakesh, 2002) of the Plenipotentiary Conference, an advance publication, coordination, notification and recording procedures for frequency assignments pertaining to satellite networks, in accordance with Resolution <b>86 (Rev.WRC-07)</b> to facilitate rational, efficient, and economical use of radio frequencies and any associated orbits, including the geostationary satellite orbit;
7(A)	<b>A21-A1</b>	Issue A – Informing the Bureau of a suspension under RR No. <b>11.49</b> beyond six months
7(B)	<b>A21-A2</b>	Issue B – Publication of information on bringing into use of satellite networks at the ITU website
7(C)	<b>A21-A3</b>	Issue C – Review or possible cancellation of the advance publication mechanism for satellite networks subject to coordination under section II of Article <b>9</b> of the Radio Regulations
7(D)	<b>A21-A4</b>	Issue D – General use of modern electronic means of communications in coordination and notification procedures
7(E)	<b>A21-A5</b>	Issue E – Failure of a satellite during the ninety-day bringing into use period
7(F)	<b>A21-A6</b>	Issue F – Modifications to RR Appendix <b>30B</b> in relation to the suspension of use of a frequency assignment recorded in the MIFR
7(G)	<b>A21-A7</b>	Issue G – Clarification of bringing into use information provided under RR Nos. <b>11.44/11.44B</b>
7(H)	<b>A21-A8</b>	Issue H – Using one space station to bring frequency assignments at different orbital locations into use within a short period of time
7(I)	<b>A21-A9</b>	Issue I – Possible method to mitigate excessive satellite network filings issue
7(J)	<b>A21-A10</b>	Issue J – Removal of the link between the date of receipt of the notification information and the date of bringing into use in RR No. <b>11.44B</b>
7(K)	<b>A21-A11</b>	Issue K – Addition of a regulatory provision in RR Article 11 for the case of launch failure
7(L)	<b>A21-A12</b>	Issue L – Modification of certain provisions of Article 4 of RR Appendices 30 and 30A for Regions 1 and 3 namely replacement of tacit agreement with explicit agreement or alignment of those provisions of RR Appendices 30 and 30A for Regions 1 and 3 with those of Appendix 30B
7(XX)	<b>A21-A13, etc.</b>	Issue XX – For other issues that might be proposed under agenda item 7
8	<b>A22</b>	to consider and take appropriate action on requests from administrations to delete their country footnotes or to have their country name deleted from footnotes, if no longer required, taking into account Resolution <b>26 (Rev.WRC-07)</b> ;
9	<b>A23</b>	to consider and approve the Report of the Director of the Radiocommunication Bureau, in accordance with Article 7 of the Convention:

Agenda Item/ Topic (Issue)	Suffix	Agenda Item/Topic (Issue) Description
9.1	A23-A1	on the activities of the Radiocommunication Sector since WRC-12;
9.1(9.1.1)	A23-A1-A1	Resolution <b>205 (Rev.WRC-12)</b> – Protection of the systems operating in the mobile-satellite service in the band 406-406.1 MHz
9.1(9.1.2)	A23-A1-A2	Resolution <b>756 (WRC-12)</b> – Studies on possible reduction of the coordination arc and technical criteria used in application of No. <b>9.41</b> in respect of coordination under No. <b>9.7</b>
9.1(9.1.3)	A23-A1-A3	Resolution <b>11 (WRC-12)</b> – Use of satellite orbital positions and associated frequency spectrum to deliver international public telecommunication services in developing countries
9.1(9.1.4)	A23-A1-A4	Resolution <b>67 (WRC-12)</b> – Updating and rearrangement of the Radio Regulations
9.1(9.1.5)	A23-A1-A5	Resolution <b>154 (WRC-12)</b> – 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
9.1(9.1.6)	A23-A1-A6	Resolution <b>957 (WRC-12)</b> – Studies towards review of the definitions of fixed service, fixed station and mobile station
9.1(9.1.7)	A23-A1-A7	Resolution <b>647 (Rev. WRC-12)</b> – Spectrum management guidelines for emergency and disaster relief radiocommunication
9.1(9.1.8)	A23-A1-A8	Resolution <b>757 (WRC-12)</b> – Regulatory aspects for nano- and picosatellites
9.1(9.1.X)	A23-A1-A9, etc.	For other issues that might be proposed under agenda 9.1
9.2	A23-A2	on any difficulties or inconsistencies encountered in the application of the Radio Regulations; and
9.2(9.2.1)	A23-A2-A1	Issue of defining radio stations operating in the meteorological aids service
9.2(9.2.2)	A23-A2-A2	Clarification of the use of deep-space allocations in regard to certain provisions of the Radio Regulations
9.2(9.2.X)	A23-A2-A3, etc.	For other issues that might be proposed under agenda item 9.2
9.3	A23-A3	on action in response to Resolution <b>80 (Rev.WRC-07)</b> ;
10	A24	to recommend to the Council items for inclusion in the agenda for the next WRC, and to give its views on the preliminary agenda for the subsequent conference and on possible agenda items for future conferences, in accordance with Article <b>7</b> of the Convention,
GFT (PP-14)	A25	Global flight tracking for civil aviation - The Plenipotentiary Conference of the International Telecommunication Union (Busan, 2014), resolves to instruct WRC-15, pursuant to No. 119 of the ITU Convention, to include in its agenda, as a matter of urgency, the consideration of global flight tracking, including, if appropriate, and consistent with ITU practices, various aspects of the matter, taking into account ITU-R studies,

## ANNEX 2 - EXAMPLES ON HOW TO MODIFY RR ARTICLE 5 FREQUENCY ALLOCATION TABLES

The modifications proposed to the Tables of Frequency Allocations contained in Section IV of RR Article 5 shall be prepared in accordance with the provisions of RR Nos. 5.46 to 5.52 of Section III of that article (see also relevant provisions from Sections I and II of that article).

### Notes on proposed modifications to Tables of Frequency Allocations contained in RR Article 5:

- 1) Modifications (MOD) of the Allocation tables in RR-12 Article 5 Section IV should always start with a reference to the entire frequency range indicated the table title, e.g. **8.3-110 kHz**, even if the proposal relates only to a particular band within that range.
- 2) Proposed modifications should contain "dots", i.e. (...) only in cases where a frequency band(s) is missing between two frequency bands that are being shown.
- 3) It is **not** necessary to show dots at the beginning or ending of a frequency table as this is evident in the table title.
- 4) Where practicable, unmodified frequency bands should **not** be reproduced.
- 5) In case of any further queries regarding the presentation of modifications to the Article 5 Table of Frequency Allocations, e.g. a particular split of a band, the Secretariat will welcome any draft modifications for checking purposes before formal submission (send to: [philippe.aubineau@itu.int](mailto:philippe.aubineau@itu.int)).

The following examples are provided hereafter to illustrate some usual cases:

- 1<sup>st</sup> example: Adding a new allocation / suppressing an existing allocation to a service
- 2<sup>nd</sup> example: Upgrading an existing allocation to a service from secondary to primary
- 3<sup>rd</sup> example: Indicating the modification of a footnote already used
- 4<sup>th</sup> example: Adding a footnote already existing but modified
- 5<sup>th</sup> example: Adding a new footnote
- 6<sup>th</sup> example: Splitting an existing frequency band and adding new rows with modifications
- 7<sup>th</sup> example: Merging two existing frequency bands and deleting a row with modifications

**1<sup>st</sup> example:** Adding a new allocation to a service (see added “Mobile” below) and suppressing an existing allocation to a service (see deleted “Fixed” below)

ARTICLE 5

**Frequency allocations**

**Section IV – Table of Frequency Allocations**  
(See No. 2.1)

**MOD ABC/999/1**

8.3-110 kHz

Allocation to services		
Region 1	Region 2	Region 3
90-110	RADIONAVIGATION 5.62	
	<del>Fixed</del>	
	Mobile	
	5.64	

**Reasons:** [text missing]

**2<sup>nd</sup> example:** Upgrading an existing allocation to a service from secondary to primary (see deleted “Fixed” and added “FIXED” below)

**MOD ABC/999/1**

8.3-110 kHz

Allocation to services		
Region 1	Region 2	Region 3
90-110	RADIONAVIGATION 5.62	
	<del>Fixed</del>	
	FIXED	
	5.64	

**Reasons:** [text missing]

**3<sup>rd</sup> example:        Indicating the modification of a footnote already used  
(see “MOD 5.62” below)**

**MOD        ABC/999/1**

**8.3-110 kHz**

Allocation to services		
Region 1	Region 2	Region 3
90-110	RADIONAVIGATION <u>MOD 5.62</u> Fixed 5.64	

**Reasons:** [text missing]

Note: Another MOD proposal should describe the modifications proposed to RR No. 5.62.

**4<sup>th</sup> example:        Adding a footnote already existing but modified  
(see “MOD 5.63” below)**

**MOD        ABC/999/1**

**8.3-110 kHz**

Allocation to services		
Region 1	Region 2	Region 3
90-110	RADIONAVIGATION 5.62 <u>MOD 5.63</u> Fixed 5.64	

**Reasons:** [text missing]

Note: Another MOD proposal should describe the modifications proposed to RR No. 5.63.

**5<sup>th</sup> example:        Adding a new footnote (see “ADD 5.64bis” below)**

**MOD        ABC/999/1**

**8.3-110 kHz**

Allocation to services		
Region 1	Region 2	Region 3
90-110	RADIONAVIGATION 5.62 Fixed 5.64 <u>ADD 5.64bis</u>	

**Reasons:** [text missing]

Note: An ADD proposal should describe the proposed addition of new No. 5.64bis.

**6<sup>th</sup> example: Splitting an existing frequency band and adding new rows with modifications**

Step 1: For example, case of a split of the following table/row selected from RR Article 5:

**8.3-110 kHz**

Allocation to services		
Region 1	Region 2	Region 3
90-110	RADIONAVIGATION 5.62 Fixed 5.64	

Step 2: Turn off track changes and copy Step 1 row as many times as necessary, twice below:

**8.3-110 kHz**

Allocation to services		
Region 1	Region 2	Region 3
90-110	RADIONAVIGATION 5.62 Fixed 5.64	
90-110	RADIONAVIGATION 5.62 Fixed 5.64	
90-110	RADIONAVIGATION 5.62 Fixed 5.64	

Step 3 (final): Turn on track changes and make relevant changes to finalize the proposal below:

**MOD ABC/999/1**

**8.3-110 kHz**

Allocation to services		
Region 1	Region 2	Region 3
<del>90-110</del> <u>100</u>	RADIONAVIGATION <u>MOD</u> 5.62 Fixed <u>MOD</u> 5.64	
<del>90-110</del> <u>100-110</u> <u>105</u>	<del>RADIONAVIGATION 5.62</del> FIXED ADD 5.62bis <del>Fixed</del> 5.64 ADD 5.64bis	
<del>90-110</del> <u>105-110</u>	RADIONAVIGATION <u>MOD</u> 5.62 Fixed <u>MOD</u> 5.64	

**Reasons:** [text missing]

Note: Other MOD proposals should describe the modifications proposed to RR Nos. 5.62 and 5.64, and ADD proposals should describe the proposed additions of new Nos. 5.62bis and 5.64bis.



7<sup>th</sup> example: Merging two existing frequency bands and deleting a row

MOD ABC/999/1

8.3-11.0 kHz

Allocation to services		
Region 1	Region 2	Region 3
<del>8.3-9</del>	METEOROLOGICAL AIDS 5.54A 5.54B 5.54C	
<u>98.3-11.3</u>	METEOROLOGICAL AIDS 5.54A <u>MOD 5.54B MOD 5.54C</u> RADIONAVIGATION	

Reasons: [text missing]

Note: Other MOD proposals should describe the modifications proposed to RR Nos. 5.54B and 5.54C.