Topic	Responsible group	Action to be taken by the group	Concerned group[1]
1.1 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 **233 [COM6/8] (WRC-12)**;			
Resolution **233 [COM6/8] (WRC-12)** Studies on frequency-related matters on International Mobile Telecommunications and other terrestrial mobile broadband applications	**JTG 4-5-6-7**[2]	*resolves to invite ITU-R* 1 to study additional spectrum requirements, taking into account: – technical and operational characteristics of IMT systems, including the evolution of IMT through advances in technology and spectrally-efficient techniques, and their deployment; – the bands currently identified for IMT, the technical conditions of their use, and the possibility of optimizing the use of these bands with a view to increasing spectrum efficiency; – the evolving needs, including user demand for IMT and other terrestrial mobile broadband applications; – the needs of developing countries; – the time-frame in which spectrum would be needed; 2 to study potential candidate frequency bands, taking into account the results of the studies under *resolves to invite ITU-R* 1, protection of existing services and the need for harmonization, *further resolves* 1 that the studies referred to in *resolves to invite ITU-R* 2 include sharing and compatibility studies with services already having allocations in the potential candidate bands and in adjacent bands, as appropriate, taking into account the current and planned use of these bands by the existing services, as well as the applicable studies already performed in ITU-R; 2 to invite WRC-15 to consider the results of the above studies and take appropriate actions,	**WP 4A** **WP 4B** **WP 4C** **WP 5A** **WP 5B** **WP 5C** **WP 5D** **WP 6A** **WP 7B** **WP 7C** **WP 7D** (WP 1A WP 3K WP 3M) [2]

[1] A concerned ITU-R group may be either a contributing group on a specific item (indicated in bold), or an interested group (indicated between round brackets) that will follow the work on a specific issue and act as appropriate.

[2] See the CPM15-1 Decision on the Establishment and Terms of Reference of Joint Task Group 4-5-6-7 (Annex 10 to this Administrative Circular)

Topic	Responsible group	Action to be taken by the group	Concerned group[1]
1.2 to examine the results of ITU-R studies, in accordance with Resolution **232 [COM5/10] (WRC-12)**, 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;			
Resolution **232 [COM5/10] (WRC-12)** Use of the frequency band 694-790 MHz by the mobile, except aeronautical mobile, service in Region 1 and related studies	**JTG 4-5-6-7**[2]	*resolves* 1 to allocate the frequency band 694-790 MHz in Region 1 to the mobile, except aeronautical mobile, service on a co-primary basis with other services to which this band is allocated on a primary basis and to identify it for IMT; 2 that the allocation in resolves 1 is effective immediately after WRC-15; 3 that use of the allocation in resolves 1 is subject to agreement obtained under No. 9.21 with respect to the aeronautical radionavigation service in countries listed in No. 5.312; 4 that the lower edge of the allocation is subject to refinement at WRC-15, taking into account the ITU-R studies referred to in invites ITU-R below and the needs of countries in Region 1, in particular developing countries; 5 that WRC-15 will specify the technical and regulatory conditions applicable to the mobile service allocation referred to in resolves 1, taking into account the ITU-R studies referred to in invites ITU-R below, *invites ITU-R* 1 to study the spectrum requirement for the mobile service and for the broadcasting service in this frequency band, in order to determine as early as possible the options for the lower edge referred to in *resolves* 4; 2 to study the channelling arrangements for the mobile service, adapted to the frequency band below 790 MHz, taking into account: – the existing arrangements in Region 1 in the bands between 790 and 862 MHz and defined in the last version of Recommendation ITU-R M.1036, in order to ensure coexistence with the networks operated in the new allocation and the operational networks in the band 790-862 MHz, – the desire for harmonization with arrangements across all Regions, – the compatibility with other primary services to which the band is allocated, including in adjacent bands; 3 to study coexistence between the different channelling arrangements which have been implemented in Region 1 above 790 MHz, as well as the possibility of further harmonization; 4 to study the compatibility between the mobile service and other services currently allocated in the frequency band 694-790 MHz and develop ITU-R Recommendations or Reports; 5 to study solutions for accommodating applications ancillary to broadcasting requirements; 6 to report, in time for WRC-15, the results of these studies,	**WP 4A** **WP 5A** **WP 5B** **WP 5D** **WP 6A** (WP 3K WP 3M)[2]

Topic	Responsible group	Action to be taken by the group	Concerned group[1]
1.3 to review and revise Resolution **646 (Rev.WRC-12)** for broadband public protection and disaster relief (PPDR), in accordance with Resolution **648 [COM6/11] (WRC-12)**;			
Resolution **648 [COM6/11] (WRC-12)** Studies to support broadband public protection and disaster relief	**WP 5A**	*resolves to invite WRC-15* to consider the studies in *invites ITU-R* below on broadband PPDR and take appropriate action with regard to revision of Resolution **646 (Rev.WRC-12)**, *invites ITU-R* to study technical and operational issues relating to broadband PPDR and its further development, and to develop recommendations, as required, on: – technical requirements for PPDR services and applications; – the evolution of broadband PPDR through advances in technology; – the needs of developing countries,	**WP 5B** **WP 5C** **WP 5D** (WP 1B WP 4A WP 4B WP 4C WP 6A WP 7B WP 7C WP 7D)
1.4 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 **649 [COM6/12] (WRC-12)**;			
Resolution **649 [COM6/12] (WRC-12)** Possible allocation to the amateur service on a secondary basis at around 5 300 kHz	**WP 5A**	*resolves to invite WRC-15* to consider, based on the results of the ITU-R studies referred to in *invites ITU-R* below, the possibility of making an allocation of an appropriate amount of spectrum, not necessarily contiguous, to the amateur service on a secondary basis within the band 5 250-5 450 kHz, *invites ITU-R* 1 to study spectrum requirements for a secondary allocation to the amateur service within the band 5 250-5 450 kHz; 2 to carry out sharing studies on the impact to other services currently allocated in the band referred to in *invites ITU-R* 1 and in the adjacent bands; 3 to complete studies in time for WRC-15,	**WP 5B** **WP 5C** (WP 3L)

Topic	Responsible group	Action to be taken by the group	Concerned group[1]
1.5 to consider 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 (UAS) in non-segregated airspaces, in accordance with Resolution **153 [COM6/13] (WRC-12)**;			
Resolution **153 [COM6/13] (WRC-12)** To consider 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	**WP 5B**	*resolves to invite WRC-15* to consider, based on the results of the ITU-R studies referred to in *invites ITU-R* below, the possible regulatory actions to support the use of FSS frequency bands for the UAS CNPC links, as mentioned in the above *considerings*, ensuring the safe operation of UAS CNPC links, consistent with *recognizing e)*, *invites ITU-R* 1 to conduct, in time for WRC-15, the necessary studies leading to technical, regulatory and operational recommendations to the Conference, enabling that Conference to decide on the usage of FSS for the CNPC links for the operation of UAS; 2 to include, in the studies referred to in *invites ITU-R* 1, sharing and compatibility studies with services already having allocations in those bands; 3 to take into account information from operations referred to in *considering e)*,	**WP 4A** **WP 4B** (WP 3M WP 7B WP 7C WP 7D)

Topic	Responsible group	Action to be taken by the group	Concerned group[(1)]
1.6 to consider possible additional primary allocations: 1.6.1 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 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; 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 **151 [COM6/4] (WRC-12)** and **152 [COM6/5] (WRC-12)**, respectively;			
Resolution **151 [COM6/4] (WRC-12)** Additional primary allocations to the fixed-satellite service in frequency bands between 10 and 17 GHz in Region 1	**WP 4A**	*resolves* 1 to complete, for WRC-15: i) studies of possible bands for a new primary allocation to the fixed-satellite service of 250 MHz in both directions in Region 1 within the bands 10-17 GHz, with particular focus on the frequency range that is contiguous (or near contiguous) to the existing fixed-satellite service allocations, taking into account sharing and compatibility studies, while protecting the existing primary services in the band(s); ii) studies that include consideration of utilizing existing allocations to the fixed-satellite service in both directions through a review of regulatory provisions, except for Nos. **5.502** and **5.503** and Resolution **144 (Rev.WRC-07)**, taking into account sharing and compatibility studies, while protecting the existing primary services in the band 10-17 GHz; 2 that if consideration is given to use of the 14.5-14.8 GHz band, appropriate measures need to be taken with regard to the Appendix **30A** Plan and List, as the case may be, to ensure the integrity and adequate protection of these bands, specifically taking into account: … 3 that the 11.7-12.5 GHz band should be excluded from consideration; however, if consideration is given to use of the 11.7-12.5 GHz band in Region 1, appropriate measures need to be taken with regard to the Appendix **30** Plans and List, according to the case, to ensure the integrity and full protection of these bands, specifically taking into account: … 4 that the 12.75-13.25 GHz band shall be excluded from the studies referred to in this Resolution; 5 that WRC-15 consider the results of the above studies and take appropriate action, *invites ITU-R* to conduct studies, as a matter of urgency, on technical (including necessary calculations and criteria), operational and regulatory issues on this topic, taking into account *resolves* 1, 2, 3 and 4, in time for WRC-15 to consider the results of these studies and take appropriate action,	**WP 4C** **WP 5A** **WP 5B** **WP 5C** **WP 7B** **WP 7C** **WP 7D** (WP 3M WP 6B)

Topic	Responsible group	Action to be taken by the group	Concerned group[(1)]
Resolution **152 [COM6/5] (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	**WP 4A**	*resolves* 1 to complete, for WRC-15: i) studies of possible bands for a new primary allocation to the fixed-satellite service in the Earth-to-space direction of 250 MHz in Region 2 and 300 MHz in Region 3 within the bands 13-17 GHz, with particular focus on the frequency range that is contiguous (or near contiguous) to the existing fixed-satellite service allocations, taking into account sharing and compatibility studies, while protecting the existing primary services in the band(s); ii) studies that include consideration of utilizing existing allocations to the fixed-satellite service in the Earth-to-space direction through a review of regulatory provisions, except for Nos. **5.502** and **5.503** and Resolution **144 (Rev.WRC-07)**, taking into account sharing and compatibility studies, while protecting the existing primary services in the band(s); 2 that if consideration is given to use of the 14.5-14.8 GHz band, appropriate measures need to be taken with regard to the Appendix **30A** Plan and List, as the case may be, to ensure the integrity and full protection of these bands, specifically taking into account: … 3 that the 13-13.25 GHz band shall be excluded from the studies referred to in this Resolution; 4 that WRC-15 consider the results of the above studies and take appropriate action, *invites ITU-R* 1 to conduct studies, as a matter of urgency, on technical (including necessary calculations and criteria), operational and regulatory issues on this topic, taking into account *resolves* 1, 2, 3 and 4, in time for WRC-15 to consider the results of these studies and take appropriate action; 2 to consider appropriate measures regarding the use of provisional recording in respect of coordination between assignments in the Appendix **30A** Plan and List in the band 14.5-14.8 GHz and the new fixed-satellite service utilization,	**WP 4C** **WP 5A** **WP 5B** **WP 5C** **WP 7B** **WP 7C** **WP 7D** (WP 3M)

Topic	Responsible group	Action to be taken by the group	Concerned group[(1)]
1.7 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 **114 (Rev.WRC-12)**;			
Resolution **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	**WP 4A**	*resolves* 1 that administrations authorizing stations providing feeder links for non-GSO systems in the MSS in the frequency band 5 091-5 150 MHz shall ensure that they do not cause harmful interference to stations of the aeronautical radionavigation service; 2 that the allocation to the aeronautical radionavigation service and the FSS in the frequency band 5 091-5 150 MHz should be reviewed at a future competent conference prior to 2018; 3 that studies be undertaken on compatibility between new systems of the aeronautical radionavigation service and systems of the FSS providing feeder links of the non-GSO systems in the MSS (Earth-to-space), … *invites ITU-R* to study the technical and operational issues relating to sharing of this band between new systems of the aeronautical radionavigation service and the FSS providing feeder links of the non-GSO systems in the MSS (Earth-to-space),	**WP 4C** **WP 5B** (WP 3M WP 5A)
1.8 to review the provisions relating to earth stations located on board vessels (ESVs), based on studies conducted in accordance with Resolution **909 [COM6/14] (WRC-12)**;			
Resolution **909 [COM6/14] (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	**WP 4A**	*resolves to invite ITU-R* 1 to review the provisions relating to ESVs which operate in the FSS in the uplink bands 5 925-6 425 MHz and 14-14.5 GHz and consider possible modifications to Resolution **902 (WRC-03)** in order to reflect current ESV technologies and technical characteristics that are being used or planned to be used, while protecting the other services referred to in *recognizing a)* and *b)* above; 2 to complete the referenced studies in time for WRC-15,	**WP 4C** **WP 5A** **WP 5B** **WP 5C** (WP 7A WP 7B WP 7C WP 7D)

<table>
<tr><th>Topic</th><th>Responsible group</th><th>Action to be taken by the group</th><th>Concerned group[1]</th></tr>
<tr><td colspan="4">1.9 to consider, in accordance with Resolution 758 [COM6/15] (WRC-12):
1.9.1 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 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;</td></tr>
<tr><td rowspan="2">Resolution 758 [COM6/15] (WRC-12)
Allocation to the fixed-satellite service and the maritime-mobile satellite service in the 7/8 GHz range</td><td>(1.9.1)
WP 4A</td><td rowspan="2">resolves to invite ITU-R
1 to conduct technical and regulatory studies on the possible new allocations to the FSS in the frequency bands 7 150-7 250 MHz (space-to-Earth) and 8 400-8 500 MHz (Earth-to-space) in order to ensure compatibility with existing services, with a view to extending the current worldwide allocation to the FSS in the bands 7 250-7 750 MHz (space-to-Earth) and 7 900-8 400 MHz (Earth-to-space);
2 to conduct the appropriate regulatory studies to ensure that any new FSS allocation referred to in resolves 1 above is limited to FSS systems operated from a fixed known location in order to enable compatibility with systems of other services, taking into account that the operational requirements in the bands 7 150-7 250 MHz (space-to-Earth) and 8 400-8 500 MHz (Earth-to-space) do not encompass small VSAT-like FSS earth stations;
3 to conduct technical and regulatory studies on the possibility of allocating the bands 7 375-7 750 MHz (space-to-Earth) and 8 025-8 400 MHz (Earth-to-space), or parts thereof, to the maritime-mobile satellite service, while ensuring compatibility with existing services;
4 to complete these studies in time for WRC-15,</td><td>(1.9.1)
WP 5A
WP 5C
WP 7B
(WP 3M)</td></tr>
<tr><td>(1.9.2)
WP 4C</td><td>(1.9.2)
WP 4A
WP 4B
WP 5A
WP 5B
WP 5C
WP 7B
(WP 3M)</td></tr>
<tr><td colspan="4">1.10 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 234 [COM6/16] (WRC-12);</td></tr>
<tr><td>Resolution 234 [COM6/16] (WRC-12)
Additional primary allocations to the mobile-satellite service within the bands from 22 GHz to 26 GHz</td><td>WP 4C</td><td>resolves to invite ITU-R
to complete, for WRC-15, sharing and compatibility studies towards additional allocations to the mobile-satellite service in the Earth-to-space and space-to-Earth directions, within portions of the bands between 22 GHz and 26 GHz, while ensuring protection of existing services within these bands as well as taking into account No. 5.340 and No. 5.149,</td><td>WP 4A
WP 4B
WP 5A
WP 5C
WP 7A
WP 7B
WP 7C
WP 7D
(WP 3M)</td></tr>
</table>

Topic	Responsible group	Action to be taken by the group	Concerned group[(1)]
1.11 to consider a primary allocation for the Earth exploration-satellite service (Earth-to-space) in the 7-8 GHz range, in accordance with Resolution **650 [COM6/17] (WRC-12)**;			
Resolution **650 [COM6/17] (WRC-12)** Allocation for the Earth exploration-satellite service (Earth-to-space) in the 7-8 GHz range	**WP 7B**	*resolves to invite ITU-R* 1 to study spectrum requirements in the 7-8 GHz range for EESS (Earth-to-space) telecommand operations in order to complement telemetry operations of EESS (space-to-Earth) in the 8 025-8 400 MHz band; 2 to conduct compatibility studies between EESS (Earth-to-space) systems and existing services, with priority to the band 7 145-7 235 MHz, and then within other portions of the 7-8 GHz range only if the band 7 145-7 235 MHz is found not to be suitable; 3 to complete the studies as a matter of urgency, taking into account the present use of the allocated band, with a view to presenting, at the appropriate time, the technical basis for the work of WRC-15, *resolves to invite WRC-15* to review the results of these studies with a view to providing a worldwide primary allocation to EESS (Earth-to-space) in the range 7-8 GHz with priority to the band 7 145-7 235 MHz,	**WP 4A** **WP 4C** **WP 5A** **WP 5C** (WP 3M)
1.12 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 **651 [COM6/18] (WRC-12)**;			
Resolution **651 [COM6/18] (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 8 700-9 300 MHz and/or 9 900-10 500 MHz	**WP 7C**	*resolves* that, taking into account the results of ITU-R studies, WRC-15 consider the possible extension of the current worldwide allocation to the EESS (active) in the frequency band 9 300-9 900 MHz by up to 600 MHz on a primary and/or secondary basis, as appropriate, within the frequency range 8 700-9 300 MHz and/or 9 900-10 500 MHz while ensuring protection of existing services and taking due account of the safety services allocated in the frequency band 9 000 to 9 300 MHz, *invites ITU-R* to conduct and complete, in time for WRC-15, compatibility studies addressing: – EESS (active) and existing services in the frequency bands 8 700-9 300 MHz and 9 900-10 500 MHz in order to ensure the protection of the existing services, taking into account the constraints as per No. **5.476A**; – unwanted emissions from stations operating in the EESS (active) within the frequency band 8 700-9 300 MHz into stations of the space research service operating in the frequency band 8 400-8 500 MHz; – unwanted emissions from stations operating in the EESS (active) within the frequency band 9 900-10 500 MHz into stations of the radio astronomy service, space research service (passive) and EESS (passive) operating in the frequency band 10.6-10.7 GHz,	**WP 5A** **WP 5B** **WP 5C** **WP 7B** **WP 7D**

Topic	Responsible group	Action to be taken by the group	Concerned group[1]
1.13 to review No. **5.268** 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 **652 [COM6/19] (WRC-12)**;			
Resolution **652 [COM6/19] (WRC-12)** Use of the band 410-420 MHz by the space research service (space-to-space)	**WP 7B**	*resolves to invite ITU-R* 1 to conduct sharing studies between SRS (space-to-space) systems communicating in proximity with orbiting manned space vehicles and systems operating in the fixed and mobile (except aeronautical mobile) services in the band 410-420 MHz; 2 to complete the studies, as a matter of urgency, taking into account the present use of the allocated band, with a view to presenting, at the appropriate time, the technical basis for the work of WRC-15, *resolves to invite WRC-15* 1 to review No. **5.268**, taking into account the results of ITU-R studies, including the possible removal or relaxation of the 5 km distance limitation without modifying the current pfd limits; 2 to review No. **5.268** to allow more general use of the 410-420 MHz band for SRS (space-to-space) systems beyond extra-vehicular activities,	**WP 5A** **WP 5C**
1.14 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 **653 [COM6/20] (WRC-12)**;			
Resolution **653 [COM6/20] (WRC-12)** Future of the Coordinated Universal Time time-scale	**WP 7A**	*resolves to invite WRC-15* to consider the feasibility of achieving a continuous reference time-scale, whether by the modification of UTC or some other method, and take appropriate action, taking into account ITU-R studies, *invites ITU-R* 1 to conduct the necessary studies on the feasibility of achieving a continuous reference time-scale for dissemination by radiocommunication systems; 2 to study issues related to the possible implementation of a continuous reference time-scale (including technical and operational factors),	**WP 6A**

Topic	Responsible group	Action to be taken by the group	Concerned group[1]
1.15 to consider spectrum demands for on-board communication stations in the maritime mobile service in accordance with Resolution **358 [COM6/3] (WRC-12)**;			
Resolution **358 [COM6/3] (WRC-12)** Consideration of improvement and expansion of on-board communication stations in the maritime mobile service in the UHF bands	**WP 5B**	*resolves to invite WRC-15* to consider, based on the results of ITU-R studies, the need to possibly identify additional UHF channels within the bands already allocated to the maritime mobile service for on-board communication stations, *invites ITU-R* to conduct, in time for WRC-15, studies to determine the spectrum requirements and potential frequency bands for on-board communication stations, taking into account the protection of services to which the frequency band is currently allocated,	**SG 4** (3) **WP 5A** **WP 5C** **WP 5D** **SG 6** (3) **SG 7** (3) (WP 3K WP 3M)
1.16 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 **360 [COM6/21] (WRC-12)**;			
Resolution **360 [COM6/21] (WRC-12)** Consideration of regulatory provisions and spectrum allocations for enhanced Automatic Identification System technology applications and for enhanced maritime radiocommunication	**WP 5B**	*resolves to invite WRC-15* 1 to consider, based on the results of ITU-R studies, modifications to the Radio Regulations, including possible spectrum allocations, to enable new AIS terrestrial and satellite applications, while ensuring that these applications will not degrade the current AIS operations and other existing services; 2 to consider, based on the results of ITU-R studies, additional or new applications for maritime radiocommunication within existing maritime mobile and mobile-satellite service allocations, and if necessary to take appropriate regulatory measures, *invites ITU-R* 1 to conduct, as a matter of urgency, studies that identify potential regulatory actions to accommodate emerging maritime mobile service and mobile-satellite service AIS requirements; 2 to conduct, as a matter of urgency, studies on additional or new applications for maritime radiocommunication within maritime mobile and mobile-satellite service allocations, and to identify potential regulatory actions to accommodate emerging maritime radiocommunication requirements; 3 to complete studies in time for WRC-15 taking into account existing systems and services that share the bands,	**WP 5A** **WP 6A** (WP 3K WP 4A WP 4C WP 7B WP 7C WP 7D)

(3) Relevant Working Party(ies) to be indicated by the Study Group.

Topic	Responsible group	Action to be taken by the group	Concerned group[1]
1.17 to consider possible spectrum requirements and regulatory actions, including appropriate aeronautical allocations, to support wireless avionics intra-communications (WAIC), in accordance with Resolution **423 [COM6/22] (WRC-12)**;			
Resolution **423 [COM6/22] (WRC-12)** Consideration of regulatory actions, including allocations, to support Wireless Avionics Intra-Communications	**WP 5B**	*resolves* that WRC-15 consider, based on the results of ITU-R studies, possible regulatory actions, including appropriate aeronautical allocations, to support the implementation of WAIC systems, while taking into account spectrum requirements for WAIC and protection requirements for systems operating in accordance with existing allocations, *invites ITU-R* 1 to conduct, in time for WRC-15, the necessary studies to determine the spectrum requirements needed to support WAIC systems; 2 to conduct sharing and compatibility studies, based on the results of *invites ITU-R* 1, to determine appropriate frequency bands and regulatory actions; 3 when conducting studies in accordance with *invites ITU-R* 2, to consider: i) frequency bands within existing worldwide aeronautical mobile service, aeronautical mobile (R) service and aeronautical radionavigation service allocations; ii) additional frequency bands above 15.7 GHz for aeronautical services if spectrum requirements cannot be met in frequency bands studied under *invites ITU-R* 3 i),	**WP 4A** **WP 4C** **WP 5A** **WP 5C** **WP 7B** **WP 7C** **WP 7D** (WP 1B WP 3K WP 6A)
1.18 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 **654 [COM6/23] (WRC-12)**;			
Resolution **654 [COM6/23] (WRC-12)** Allocation of the band 77.5-78 GHz to the radiolocation service to support automotive short-range high-resolution radar operations	**WP 5B for *invites* i) and ii)** (based on spectrum requirements from WP 5A) **WP 5A for *invites* iii)**	*resolves to invite WRC-15* to consider a primary allocation to the radiolocation service in the 77.5-78 GHz frequency band, taking into account the results of ITU-R studies, *invites ITU-R* to conduct, as a matter of urgency, and in time for consideration by WRC-15, the appropriate technical, operational and regulatory studies, including: i) sharing studies and regulatory solutions to consider a primary allocation to the radiolocation service in the band 77.5-78 GHz, taking into account incumbent services and existing uses of the band; ii) compatibility studies in the band 77.5-78 GHz with services operating in the adjacent bands 76-77.5 GHz and 78-81 GHz; iii) spectrum requirements, operational characteristics and evaluation of ITS safety-related applications that would benefit from global or regional harmonization,	**WP 1B** **WP 7B** **WP 7C** **WP 7D** (WP 3M)

ANNEX 1

RESOLUTION 807 [COM6/6] (WRC-12)

Agenda for the 2015 World Radiocommunication Conference

The World Radiocommunication Conference (Geneva, 2012),

considering

a) that, in accordance with No. 118 of the ITU Convention, the general scope of the agenda for a world radiocommunication conference should be established four to six years in advance and that a final agenda shall be established by the Council two years before the conference;

b) Article 13 of the ITU Constitution relating to the competence and scheduling of world radiocommunication conferences and Article 7 of the Convention relating to their agendas;

c) the relevant resolutions and recommendations of previous world administrative radio conferences (WARCs) and world radiocommunication conferences (WRCs),

recognizing

a) that WRC-12 has identified a number of urgent issues requiring further examination by WRC-15;

b) that, in preparing this agenda, some items proposed by administrations could not be included and have had to be deferred to future conference agendas,

resolves

to recommend to the Council that a world radiocommunication conference be held in 2015 for a maximum period of four weeks, with the following agenda:

1 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 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 **233 [COM6/8] (WRC-12)**;

1.2 to examine the results of ITU-R studies, in accordance with Resolution **232 [COM5/10] (WRC-12)**, 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 to review and revise Resolution **646 (Rev.WRC-12)** for broadband public protection and disaster relief (PPDR), in accordance with Resolution **648 [COM6/11] (WRC-12)**;

1.4 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 **649 [COM6/12] (WRC-12)**;

1.5 to consider 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 (UAS) in non-segregated airspaces, in accordance with Resolution **153 [COM6/13] (WRC-12)**;

1.6 to consider possible additional primary allocations:

1.6.1 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 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;

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 **151 [COM6/4] (WRC-12)** and **152 [COM6/5] (WRC-12)**, respectively;

1.7 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 **114 (Rev.WRC-12)**;

1.8 to review the provisions relating to earth stations located on board vessels (ESVs), based on studies conducted in accordance with Resolution **909 [COM6/14] (WRC-12)**;

1.9 to consider, in accordance with Resolution **758 [COM6/15] (WRC-12)**:

1.9.1 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 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;

1.10 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 **234 [COM6/16] (WRC-12)**;

1.11 to consider a primary allocation for the Earth exploration-satellite service (Earth-to-space) in the 7-8 GHz range, in accordance with Resolution **650 [COM6/17] (WRC-12)**;

1.12 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 **651 [COM6/18] (WRC-12)**;

1.13 to review No. **5.268** 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 **652 [COM6/19] (WRC-12)**;

1.14 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 **653 [COM6/20] (WRC-12)**;

1.15 to consider spectrum demands for on-board communication stations in the maritime mobile service in accordance with Resolution **358 [COM6/3] (WRC-12)**;

1.16 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 **360 [COM6/21] (WRC-12)**;

1.17 to consider possible spectrum requirements and regulatory actions, including appropriate aeronautical allocations, to support wireless avionics intra-communications (WAIC), in accordance with Resolution **423 [COM6/22] (WRC-12)**;

1.18 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 **654 [COM6/23] (WRC-12)**;

2 to examine the revised ITU-R Recommendations incorporated by reference in the Radio Regulations communicated by the Radiocommunication Assembly, in accordance with Resolution **28 (Rev.WRC-03)**, 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 **27 (Rev.WRC-12)**;

3 to consider such consequential changes and amendments to the Radio Regulations as may be necessitated by the decisions of the Conference;

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;

5 to review, and take appropriate action on, the Report from the Radiocommunication Assembly submitted in accordance with Nos. 135 and 136 of the Convention;

6 to identify those items requiring urgent action by the Radiocommunication Study Groups in preparation for the next world radiocommunication conference;

7 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 **86 (Rev.WRC-07)** to facilitate rational, efficient, and economical use of radio frequencies and any associated orbits, including the geostationary-satellite orbit;

8 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 **26 (Rev.WRC-07)**;

9 to consider and approve the Report of the Director of the Radiocommunication Bureau, in accordance with Article 7 of the Convention:

9.1 on the activities of the Radiocommunication Sector since WRC-12;

9.2 on any difficulties or inconsistencies encountered in the application of the Radio Regulations; and

9.3 on action in response to Resolution **80 (Rev.WRC-07)**;

10 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 7 of the Convention,

resolves further

to activate the Conference Preparatory Meeting,

invites the Council

to finalize the agenda and arrange for the convening of WRC-15, and to initiate as soon as possible the necessary consultations with Member States,

instructs the Director of the Radiocommunication Bureau

to make the necessary arrangements to convene meetings of the Conference Preparatory Meeting and to prepare a report to WRC-15,

instructs the Secretary-General

to communicate this Resolution to international and regional organizations concerned.

ANNEX 6

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CHAPTER 2	**Science issues**
Agenda items:	1.11, 1.12, 1.13, 1.14
Rapporteur:	Mr Alexandre Vassiliev (Russian Federation)
CHAPTER 3	**Aeronautical, Maritime and Radiolocation issues**
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CHAPTER 4	**Satellite services**
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Rapporteur:	Mr Mehdi Abyaneh Nazari (I.R. Iran)
CHAPTER 5	**Satellite Regulatory issues**
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Rapporteur:	Mr Khalid Al-Awadhi (United Arab Emirates)
CHAPTER 6	**General issues**
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Rapporteur:	Mr Peter N. Ngige (Kenya)

ANNEX 7

Outline of the draft CPM Report to WRC-15

WRC-15 Agenda item	Draft CPM Report to WRC-15			
	Section	**Condensed agenda item**	**References**	**Responsible Group**
	Chapter 1 – Mobile and Amateur issues			
1.1	1/1.1	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 **233 [COM6/8] (WRC-12)**;	Resolution **233 [COM6/8] (WRC-12)**	**JTG 4-5-6-7 (1)**
1.2	1/1.2	to examine the results of ITU-R studies, in accordance with Resolution **232 [COM5/10] (WRC-12)**, 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;	Resolution **232 [COM5/10] (WRC-12)**	**JTG 4-5-6-7 (1)**
1.3	1/1.3	to review and revise Resolution **646 (Rev.WRC-12)** for broadband public protection and disaster relief (PPDR), in accordance with Resolution **648 [COM6/11] (WRC-12)**;	Resolution **648 [COM6/11] (WRC-12)**	**WP 5A**
1.4	1/1.4	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 **649 [COM6/12] (WRC-12)**;	Resolution **649 [COM6/12] (WRC-12)**	**WP 5A**
	Chapter 2 – Science issues			
1.11	2/1.11	to consider a primary allocation for the Earth exploration-satellite service (Earth-to-space) in the 7-8 GHz range, in accordance with Resolution **650 [COM6/17] (WRC-12)**;	Resolution **650 [COM6/17] (WRC-12)**	**WP 7B**
1.12	2/1.12	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 **651 [COM6/18] (WRC-12)**;	Resolution **651 [COM6/18] (WRC-12)**	**WP 7C**
1.13	2/1.13	to review No. **5.268** 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 **652 [COM6/19] (WRC-12)**;	Resolution **652 [COM6/19] (WRC-12)**	**WP 7B**
1.14	2/1.14	to consider the feasibility of achieving a continuous reference time-scale, whether by the modification of coordinated universal time (UTC) or some other	Resolution **653 [COM6/20] (WRC-12)**	**WP 7A**

(1) See the CPM15-1 Decision on the Establishment and Terms of Reference of Joint Task Group 4-5-6-7 (Annex 10 to this Administrative Circular).

		method, and take appropriate action, in accordance with Resolution **653 [COM6/20] (WRC-12)**;		
	Chapter 3 – Aeronautical, Maritime and Radiolocation issues			
1.5	3/1.5	to consider 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 (UAS) in non-segregated airspaces, in accordance with Resolution **153 [COM6/13] (WRC-12)**;	Resolution **153 [COM6/13] (WRC-12)**	**WP 5B**
1.15	3/1.15	to consider spectrum demands for on-board communication stations in the maritime mobile service in accordance with Resolution **358 [COM6/3] (WRC-12)**;	Resolution **358 [COM6/3] (WRC-12)**	**WP 5B**
1.16	3/1.16	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 **360 [COM6/21] (WRC-12)**;	Resolution **360 [COM6/21] (WRC-12)**;	**WP 5B**
1.17	3/1.17	to consider possible spectrum requirements and regulatory actions, including appropriate aeronautical allocations, to support wireless avionics intra-communications (WAIC), in accordance with Resolution **423 [COM6/22] (WRC-12)**;	Resolution **423 [COM6/22] (WRC-12)**	**WP 5B**
1.18	3/1.18	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 **654 [COM6/23] (WRC-12)**;	Resolution **654 [COM6/23] (WRC-12)**	**WP 5B(2) (*invites* i) & ii))** **WP 5A (*invites* iii))**
	Chapter 4 – Satellite services			
	Sub-Chapter 4.1 – Fixed Satellite service			
1.6	4.1/1.6	to consider possible additional primary allocations: **1.6.1** 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** 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; 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 **151 [COM6/4] (WRC-12)** and **152 [COM6/5] (WRC-12)**, respectively;	Resolution **151 [COM6/4] (WRC-12)** Resolution **152 [COM6/5] (WRC-12)**	**WP 4A**

(2) based on spectrum requirements from WP 5A.

1.7	4.1/1.7	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 **114 (Rev.WRC-12)**;	Resolution **114 (Rev.WRC-12)**	**WP 4A**
1.8	4.1/1.8	to review the provisions relating to earth stations located on board vessels (ESVs), based on studies conducted in accordance with Resolution **909 [COM6/14] (WRC-12)**;	Resolution **909 [COM6/14] (WRC-12)**	**WP 4A**
1.9.1	4.1/1.9.1	to consider, in accordance with Resolution **758 [COM6/15] (WRC-12)**: **1.9.1** 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;	Resolution **758 [COM6/15] (WRC-12)**	**WP 4A**
	Sub-Chapter 4.2 – Mobile Satellite service			
1.9.2	4.2/1.9.2	to consider, in accordance with Resolution **758 [COM6/15] (WRC-12)**: **1.9.2** 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;	Resolution **758 [COM6/15] (WRC-12)**	**WP 4C**
1.10	4.2/1.10	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 **234 [COM6/16] (WRC-12)**;	Resolution **234 [COM6/16] (WRC-12)**	**WP 4C**
	Chapter 5 – Satellite Regulatory Issues			
7	5/7	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 **86 (Rev.WRC-07)** to facilitate rational, efficient, and economical use of radio frequencies and any associated orbits, including the geostationary-satellite orbit;	Resolution **86 (Rev.WRC-07)**	**WP 4A** (Technical and Regulatory aspects) **SC** (Regulatory and Procedural aspects)
9.1	5/9.1.1	Protection of the systems operating in the mobile-satellite service in the band 406-406.1 MHz	Resolution **205 (Rev.WRC-12)**	**WP 4C**

9.1	5/9.1.2	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	Resolution **756** **[COM5/5] (WRC-12)**	**WP 4A** (Technical and Regulatory aspects) **SC** (Regulatory and Procedural aspects)
9.1	5/9.1.3	Use of satellite orbital positions and associated frequency spectrum to deliver international public telecommunication services in developing countries	Resolution **11** **[COM5/11] (WRC-12)**	
9.1	5/9.1.5	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	Resolution **154** **[COM6/24] (WRC-12)**	
9.1	5/9.1.8	Regulatory aspects for nano- and picosatellites	Resolution **757** **[COM6/10] (WRC-12)**	**WP 7B**
9.3	5/9.3	Due diligence in applying the principles embodied in the Convention	Resolution **80** (**Rev.WRC-07**)	(3)
	Chapter 6 – General issues			
2	6/2	to examine the revised ITU-R Recommendations incorporated by reference in the Radio Regulations communicated by the Radiocommunication Assembly, in accordance with Resolution **28 (Rev.WRC-03)**, 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 **27 (Rev.WRC-12)**;	Resolution **28 (Rev.WRC-03)** Resolution **27 (Rev.WRC-12)**	**CPM15-2**
4	6/4	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;	Resolution **95 (Rev.WRC-07)**	**CPM15-2**
9.1	6/9.1.4	Updating and rearrangement of the Radio Regulations	Resolution **67** **[COM6/2] (WRC-12)**	**WP 1B** **SC**
9.1	6/9.1.6	Studies towards review of the definitions of *fixed service*, *fixed station* and *mobile station*	Resolution **957** **[PLEN/1] (WRC-12)**	**WP 1B**
9.1	6/9.1.7	Spectrum management guidelines for emergency and disaster relief radiocommunication	Resolution **647 (Rev. WRC-12)**	**WP 1B**
10	6/10	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 7 of the Convention,	Resolution **808** **[COM6/7] (WRC-12)**	**CPM15-2**

(3) Depending on contributions from administrations.