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| **World Radiocommunication Conference (WRC-15) Geneva, 2–27 November 2015** |  |
| **INTERNATIONAL TELECOMMUNICATION UNION** |  |
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| PLENARY MEETING | **Addendum 24 to Document 8-E** |
|  | **9 October 2015** |
|  | **Original: Russian** |
|  | |
| Regional Commonwealth in the field of Communications Common Proposals | |
| Proposals for the work of the conference | |
|  | |
| Agenda item 9.2 | |

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

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

9.2(9.2.1) Issue of defining radio stations operating in the meteorological aids service

The RCC Administrations support the inclusion of definitions of stations in the meteorological aids service in Article 1 of the Radio Regulations.

ARTICLE 1

Terms and definitions

Section IV – Radio stations and systems

ADD RCC/8A24/1

1.109*bis* *meteorological aids land station:*  A *station* in the *meteorological aids service* not intended to be used while in motion*.*

**Reasons:** Adoption of this proposal would remove the inconsistency arising from the Radiocommunication Bureau’s establishment of an “SM” class of station to denote a meteorological aids base station (transmitting station in the meteorological aids service) without there being a corresponding definition in the Radio Regulations.

ADD RCC/8A24/2

1.109*ter meteorological aids mobile station:*  A *station* in the *meteorological aids service* intended to be used while in motion or during halts at unspecified points.

**Reasons:** Adoption of this proposal would remove the inconsistency arising from the Radiocommunication Bureau’s establishment of an “SA” class of station to denote a meteorological aids mobile station (receiving station in the meteorological aids service) without there being a corresponding definition in the Radio Regulations

9.2.2 Clarification of the use of deep space allocations in regard to certain provisions of the Radio Regulations

The RCC Administrations support clarification of the arrangements for the use of SRS (deep space) frequency assignments near the Earth.

ARTICLE 4

Assignment and use of frequencies

ADD RCC/8A24/3

4.XXSpace research systems intended to operate in deep space may also use the space research service (deep space) allocations, with the same status as the allocation, when the spacecraft is near the Earth, such as during launch, early orbit, flying by the Earth, and returning to the Earth.     (WRC‑15)

**Reasons:** Adoption of this proposal would enable the protection of SRS (deep space) operations by allowing a deep space station to use an SRS deep space allocation when it has to operate in the region of space between the Earth and deep space (i.e. near Earth region) during launch and early orbit phases, Earth flybys, or when returning to Earth.

9.2.X Other issues

9.2.X.1 Entry of new allotment in the Plan; update of Article 10 of Appendix 30B

The RCC Administrations support the inclusion of the national allotments of ITU Member States Azerbaijani Republic (AZE00000), Republic of Belarus (BLR00000), Republic of Kazakhstan (KAZ00000) and Republic of Uzbekistan (UZB00000) in the Plan for the fixed-satellite service in the frequency bands 4500–4800 MHz, 6725–7025 MHz, 10.70–10.95 GHz, 11.20–11.45 GHz and 12.75–13.25 GHz, and the corresponding amendment of Article 10 of Appendix 30B of the Radio Regulations (as shown in § 3.2.7.5 “Entry of new allotment in the Plan; update of Article 10 of Appendix 30B” of the Report of the Director of BR in Addendum 2 to Document 4).

MOD RCC/8A24/4

APPENDIX 30B (REV.WRC‑15)

Provisions and associated Plan for the fixed-satellite service  
in the frequency bands 4 500-4 800 MHz, 6 725-7 025 MHz,  
10.70-10.95 GHz, 11.2-11.45 GHz and 12.75-13.25 GHz

MOD RCC/8A24/5

ARTICLE 10     (REV.WRC‑15)

Plan for the fixed-satellite service in the frequency bands  
4 500-4 800 MHz, 6 725-7 025 MHz, 10.70-10.95 GHz,  
11.20-11.45 GHz and 12.75-13.25 GHz

A.1 COLUMN HEADINGS OF THE PLAN

Col. 2 *Nominal orbital position*, in degrees

Col. 3 *Longitude of the boresight*, in degrees

Col. 4 *Latitude of the boresight*, in degrees

Col. 5 *Major axis of the elliptical cross-section half-power beam*, in degrees

Col. 6 *Minor axis of the elliptical cross-section half-power beam*, in degrees

Col. 7 *Orientation of the ellipse determined as follows*: in a plane normal to the beam axis, the direction of the major axis of the ellipse is defined by the angle measured anticlockwise from a line parallel to the equatorial plane to the major axis of the ellipse, to the nearest degree

Col. 8 Earth station *e.i.r.p.* density (dB(W/Hz))

Col. 9 Satellite *e.i.r.p.* density (dB(W/Hz))

Col. 10 *Remarks*

1 Assignment converted from allotment.

2 The Administration of Luxembourg (LUX) agreed to operate the LUX‑30B‑6 satellite network within the characteristics included in the Appendix 30B List, as modified during WRC‑07, and to immediately eliminate interference that could be caused by LUX-30B-6 to the national allotment of the Islamic Republic of Iran (IRN00000) (IRN).

3 Allotment converted into assignment with a shaped beam and then reinstated back into the Plan.

4-5 (SUP – WRC‑07)

*Note by the Secretariat (applicable when an asterisk (\*) appears in column 10)*: It is to be noted that this beam is intended to be implemented as part of a multi-beam network, operating from a single orbital location. Within any multi-beam network, the beams are the responsibility of a single administration, hence interference between them has not been taken into account during the Conference. The number which appears in the alphanumeric code that follows the asterisk serves to identify the multi-beam network concerned.

| **4 500-4 800 MHz, 6 725-7 025 MHz** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
| AZE00000 | 95.90 | 47.20 | 40.34 | 1.60 | 1.60 | 0.00 | −9.6 | −42.2 |  |
| BLR00000 | 64.40 | 27.01 | 53.60 | 1.60 | 1.60 | 0.00 | −9.4 | −41.3 |  |
| KAZ00000 | 58.50 | 66.36 | 46.72 | 4.60 | 1.69 | 176.88 | −9.6 | −41.0 |  |
| UZB00000 | 110.5 | 65.45 | 41.09 | 1.60 | 1.60 | 0.00 | −9.6 | −40.3 |  |

| **10.70-10.95 GHz, 11.20-11.45 GHz, 12.75-13.25 GHz** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** |
| AZE00000 | 95.90 | 47.20 | 40.34 | 0.80 | 0.80 | 0.00 | −10.2 | −31.0 |  |
| BLR00000 | 64.40 | 27.01 | 53.60 | 1.14 | 0.80 | 25.74 | −3.0 | −30.0 |  |
| KAZ00000 | 58.5 | 66.36 | 46.72 | 4.6 | 1.69 | 176.88 | −0.6 | −28.0 |  |
| UZB00000 | 110.5 | 65.45 | 41.09 | 1.49 | 1.05 | 10.98 | −10.2 | −31.0 |  |

9.2.X.2 Modification of Resolution 49 (Rev.WRC-12)

RCC/8A24/6

The RCC Administrations do not support the fundamental changes to Resolution 49 (Rev.WRC-12) or expansion of the application of Resolution 552 (WRC-12) to other frequency bands in view of the insufficient experience of applying Resolution 552 (WRC-12).

**9.2.X.3 Modification of RR No. 5.526**

RCC/8A24/7

The RCC Administrations consider that the proposed modifications to RR No. 5.526 concerning a change in MSS frequency allocations do not belong under WRC-15 agenda item 9.2, since allocation issues shall be considered under the relevant WRC agenda items on the basis of the results of ITU-R studies.

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