|  |  |  |  |
| --- | --- | --- | --- |
|  | ASIA-PACIFIC TELECOMMUNITY |  |  |
| **APT Coordination Meetings During RA-12 and WRC-12** |  |
|  |  |

Date: 07 Feb. 2012

**REPORT OF THE WRC-12 AGENDA ITEM COORDINATOR**

|  |
| --- |
| **Agenda Item No.**: 1.13 |
| **Name of the Coordinator:** Hwang-Jae RHEE (rhee@kcc.go.kr) |
| **Issues:**Issue A: Regulatory mechanisms for the use of the BSS in the frequency band 21.4-22 GHz (intra-service issues).Issue B: The need or otherwise to allocate specific frequency band(s) for feeder links of the BSS in Regions 1 and 3 (feeder-link issues).Issue C: Regulatory mechanisms for the protection of/sharing between BSS in Regions 1 and 3, on the one hand, and terrestrial services in Regions 1 and 3 as well as those of Region 2, on the other hand (inter-service issues). |
| **APT Proposals:*** For Issue A, no APT common proposal
* For Issue B, APT Members support that in China, Korea (Rep. of), Indonesia, Japan and Singapore, the band 24.65-24.75 GHz would be also allocated to the fixed-satellite service (Earth-to-space) on a primary basis.
* For Issue C, APT Members support that an appropriate regulatory mechanism such as application of hard limits would be necessary in order to ensure the sharing between BSS in Regions 1 and 3 and terrestrial services in all Regions.
 |
| **Status of the APT Proposals:**For Issue B (feeder-link issues), the band 24.65-24.75 GHz is allocated to the fixed-satellite service (Earth-to-space) on a primary basis. In accordance with new footnote **5.A113**, the fixed-satellite service (Earth-to-space) is limited to earth stations using a minimum antenna diameter of 4.5 m. SWG 5B-1 will submit the regulatory text to WG 5B for its consideration.For Issue C (inter-service issues), application of hard limits is adopted in order to ensure the sharing between BSS in Regions 1 and 3 and terrestrial services in all Regions. Sharing conditions are reflected in footnote **5.530,** new footnotes **5.B113** and **5.C113**, and modified Article 21, as appropriate. The regulatory text will wait for the decisions of Issue A because Issue C is somewhat dependent on Issue A. SWG 5B-1 will submit the regulatory text to WG 5B for its consideration with the regulatory text of Issue A.For Issue A, there is no APT common proposal. SWG 5B-1 is working to develop regulatory texts on Method D, E, G and H. |
| **Issues to be discussed at the Coordination Meeting:*** For Issue A, there is no APT common proposal.
 |
| **Comments/Remarks by the Coordinator**:* Since there is no APT common proposal on Issue A, it may be necessary for APT Member States to consider what Method would be appropriate for BSS satellite networks in Region 3.
* Regulatoty texts on Issue B will be submitted to WG 5B for its consideration.
 |