**Report of the Agenda Item Coordinator during WRC-19**

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1. **Agenda Item 7 issue A**

Bringing into use of frequency assignments to all non-GSO systems, and consideration of a milestone-based approach for the deployment of non-GSO systems in specific frequency bands and services

1. **APT Common Proposals and APT Views for WRC-19 (which has been submitted to WRC-19)**

**BIU definition:**

**C**ontinuous period of 90 days for frequency assignments of the FSS/MSS/BSS, and no fixed period for frequency assignments other than the FSS/MSS/BSS.)

With respect to the regulatory provision No. **11.44C** of the BIU, notified orbital planes, APT Members could support Option 2, as outlined in the CPM19-2 report.

**Milestone based approach:**

| Milestones | Milestone timing(Number of years after the end of the seven-year regulatory period or after 1st January 2021, whichever falls later) | Minimum required % of satellites deployed to meet the milestone |
| --- | --- | --- |
| 1st | 2 to 3 years | 10% |
| 2nd | 4 to 5 years | 30-50% |
| 3rd | 7 years | 90-95% /100% |

**Transitional Measures :** Option1(the commencement date of the milestone process: 1 Jan. 2021)

**Frequency bands and services for application of the milestone-based approach**

APT Members support application of the milestone-based approach to non-GSO systems operating in the FSS, BSS and MSS, but not those operating in the RNSS.

APT Members do not object, at this stage to the application of the approach to the following MSS frequency bands for which no consensus was reached and listed in the CPM Report: 137-137.025 MHz, 137.025-137.175 MHz, 137.175-137.825 MHz, 137.825-138 MHz, 148-149.9 MHz, 149.9-150.05 MHz (This band 149.9-150.05 MHz appears to have been mistakenly listed in the CPM Report as 137-138 MHz), 399.9-400.05 MHz, and 400.15-401MHz.

**Milestone based approach: consequences of non submission of milestone information (resolves 11 to 11ter) :** APT Members expressed preference for Option 1.

**Milestone based approach – reuse of spacecraft to BIU or count towards milestones of other systems (*resolves* 12) :** APT Members expressed slight preference for Alternative 2(NOC)

**tolerances in orbital characteristic values : further studies needed**

1. **Topics proposed by other regional Groups or ITU Members which are not included in no. 2 above**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **RCC** | **CITEL** | **CEPT** | **ATU** | **ASMG** |  |
| Option C | Option A | Option A | Option A | Option A | **BIU** |
| 2 years 10%---4 years 30% ---7 years 90%  | 3 years 10%---5 years 50%---7 years 100% | 2years 10%--4years30%---7years100% | support the principle of milestone based approach | Option F | **Milestone based approach** |
| 1 Jan 2021  | 1 Jan 2021 | Option 1Date: TBD  | 1 Jan 2021 | option 11 Jan 2021 | **Transitional measure** |

1. **Progress of discussion during WRC-19 on the Agenda Item**

The expert meeting tentatively agreed BIU definition of Non-GSO satellite system that keeps a continuous period of 90 days for frequency assignments of the FSS/MSS/BSS, and no fixed period for frequency assignments other than the FSS/MSS/BSS.

After several difficult meetings, there is preliminary convergence on a milestones options framework.

The concept of the framework is still in development but it is essentially:

01/01/202[1] or [2], 2,5,7yrs 10,40,100%; if milestone-1 is not met then administrations may choose to move onto alternative timeline below.

01/01/202[1] or [2], 3,5,7yrs 10,60,100%.

This puts a penalty in the form of a higher threshold for the second milestone.

At Expert Group of SWG 5B1A (Saturday afternoon + evening)

Counterproductive discussions were had on commencement dates for the new milestone options framework, Chair suspended discussions on matter until further notice.

Additional frequency proposals additional bands were introduced, all taken off the table for the time being but one/some may pop up again at the higher level.

At Expert Group of SWG 5B1A (Sunday extended meeting).

Finished first pass of milestone approach component of 7A, with several outstanding concepts to be discussed in the larger/wider 7A group:

-Commencement date + first milestone period to be the most controversial part of this issue.

-Two-part solution for transitional milestone options.

-One-part solution concept should the above approach fail.

-Conditional counting of a space craft for deployment across multiple networks.

-Post milestone procedures.

The next 7A meeting on Monday will be with the larger group on Monday (11/11/2019) but will only deal with the BIU component, while the participants of the expert group try informally to flesh out some of the unresolved issues above.

The BIU compilation document was reviewed in SWG5B1a meetings without much difficulties, some further offline discussions will be held on structuring of specific text.

The milestone compilation document was quickly touched upon but only for confirming that no additional frequency bands will be added to the table where consensus was reached.

The difficult discussions on the Milestone approach(s) will begin later, in the SWG5B1a Meeting.

1. **Issues which require discussion at APT Coordination Meetings and seek guidance thereafter**

None, for time being.