



## Thailand

### PRELIMINARY VIEW ON WRC-19 AGENDA ITEM 1.7

**Agenda Item 1.7: “to study the spectrum needs for telemetry, tracking and command in the space operation service for non-GSO satellites with short duration missions, to assess the suitability of existing allocations to the space operation service and, if necessary, to consider new allocations, in accordance with Resolution 659 (WRC-15)”;**

#### Background

Working Party 7B is currently undertaking studies in response to Resolution 659 (WRC-15), on the suitability of existing allocations below 1 GHz for telemetry, tracking and command in the space operation service (SOS) for non-GSO satellites with short duration missions. The studies, once completed, will present conclusions on whether spectrum requirements could be met in the existing allocations, and if not, additional compatibility studies are presented for possible new and/or upgraded allocations.

#### Preliminary View

In general, Thailand supports studies currently undertaken by ITU-R Working Party 7B. Nevertheless, there exist a concern on sharing between existing services (Meteorological Aids service) and the upgrades of existing SOS allocations. The Royal Thai Navy and the Meteorological Department of Thailand use radiosonde for weather forecast which operate in frequency 403 MHz with 20 kHz bandwidth. Thailand is of the view that these usages must be protected from the possible upgrades of existing SOS allocations.

Thailand encourages APT Member countries that operate radiosonde in the same band submit its technical characteristics to WP 7B to ensure the protection of existing radiosonde.