

*Preliminary GSC position
for WRC-19 on AI 1.14*



GLOBAL SATELLITE COALITION

AI 1.14 Additional spectrum for HAPS

Goal: To protect existing and future satellite systems

- **Genesis:** Resolution 160 (WRC-15)
- **Issue:** to consider, on the basis of ITU-R studies, appropriate regulatory actions for high-altitude platform stations (HAPS), within existing fixed-service allocations.

- **Background:** There is currently a global identification for HAPS in 47.2- 47.5 GHz / 47.9 – 48.2 GHz, as well identification in 23 countries in 27.9 – 28.2 / 31 – 31.3 GHz, and in five countries in 6440 – 6520 / 6560 – 6640 GHz.
- The agenda item calls for a review of the above identifications, and calls for study for possible additional identification for HAPS in 38 – 39.5 GHz globally and 21.4 – 22 GHz and 24.25 – 27.5 GHz in Region 2, should it be determined that additional spectrum is needed.

GSC Position

- Support the study of HAPS spectrum requirements, the suitability of using existing HAPS identifications and performing sharing and compatibility studies
- Ensure the protection of existing FSS, and other services, in the identified bands and those adjacent to it.
- Ensure that new FSS systems can be deployed in the future, without significant constraints and without unacceptable interference from HAPS.
- Any changes or additions to the identifications for HAPS should be on the basis of justification of need for more spectrum and comprehensive sharing studies.