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**Recommendation SFCG 11-1R4**

**USE OF THE BAND 1670-1710 MHz FOR METEOROLOGICAL  
SATELLITE SERVICES**

The SFCG,

CONSIDERING

- a) that the ITU Radio Regulations allocate the band 1670-1710 MHz to the meteorological-satellite service on a primary basis;
- b) that the band could be used for both geostationary and non-geostationary satellites and their associated earth stations with thousands of user stations worldwide;
- c) that non-geostationary satellites, operating in bands below 1698 MHz could cause interference to the reception of transmissions from geostationary meteorological satellites.
- d) that WRC-03 allocated the band 1668 – 1675 MHz to the mobile-satellite service (Earth-to-space);

NOTING

- a) that existing earth stations in the meteorological satellite service operating in the band 1670-1675 MHz, notified before 1 January 2004, continue to be protected by RR No. **5.380A**

RECOMMENDS

1. that the band 1670-1695 MHz be used for the reception of data from DCPs (Data Collection Platforms), spacecraft telemetry and raw image data from geostationary meteorological satellites at main earth stations at relatively few fixed locations;
2. that the band 1679-1690 MHz be used for the reception of data from DCPs and disseminated data from geostationary meteorological satellites at user stations;
3. that the band 1690-1698 MHz be used for the reception of disseminated data from geostationary meteorological satellites at user stations as well as for the reception of spacecraft

telemetry and emergency weather alerts;

4. that the band 1698-1710 MHz be used for the reception of direct read-out and pre-recorded image data from non-geostationary meteorological satellites at user stations.

5. that when extending the operation of future non-geostationary satellites from 1698 – 1710 MHz into 1695 – 1710 MHz, protection of the reception of transmissions from geostationary meteorological satellite systems operating below 1698 MHz should be facilitated through inter-operator coordination, as appropriate.