



Recommendation SFCG 15-1R3

**USE OF THE 400.15-401 and 410-420 MHz SPACE RESEARCH
ALLOCATIONS FOR PROXIMITY LINKS**

The SFCG,

CONSIDERING

- a) that the 400.15-401 MHz band is allocated to the space research service (space-to-space) on a primary basis for communications with manned space vehicles (RR No. **5.263**);
- b) that the 410-420 MHz band is allocated to the space research service (space-to-space) on a primary basis for communications with an orbiting space vehicle (RR No. **5.268**);
- c) that the 400.15-401 and 410-420 MHz bands are particularly well suited for reliable and safe proximity communications between space vehicles;

RECOMMENDS

- 1. that the 400.15-401 MHz space research allocation be used for low data rate space to space communications with manned space vehicles;
- 2. that the 410-420 MHz space research allocation be used for low and medium data rate space to space communications with orbiting space vehicles
- 3. that other potential space research users such as wideband proximity operations and high data rate space-to-space links be encouraged to use other bands as appropriate (see REC SFCG 15-2R4).