



International Amateur Radio Union Region 1
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SUBJECT	Amateur Satellite Service Spectrum - Vienna 2007		
Society	C5 (orig RSGB)	Country:	
Committee:	C5	Paper number:	CT08_C5_37
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Background

The Amateur Satellite Service is faced with more restricted allocations than the Amateur Service, and this is compounded by both interference threats and other restrictions that inhibit harmonised usage.

Considering that

- There are increasing levels of harmful interference from ISM etc in the 2.4GHz band
- There are concerns regarding radars and Galileo in 23cms
- Region 1 does not have any Amateur Satellite allocation in the 3.4GHz band, in contrast to Regions 2& 3 (not even within CEPT EU-17/23)
- The 6 metre band is increasingly allocated as an amateur allocation by many countries
- That Wimax, Fixed Wireless Access and future Intelligent Transport Systems threaten the 5.8GHz Space-Earth allocation.
- Some allocations are additionally restricted by being Earth-Space or Space-Earth only.
- Satellites can have a significant in-service lifetime that can complicate a phased frequency migration

Proposals

All IARU Region 1 societies request that the following additional Amateur Satellite Service bands be studied and considered, perhaps as a package, for a future WRC agenda item

50-51 MHz
1240-1250 MHz
2300-2330 MHz
2390-2400 MHz
3400-3410 MHz
5650-5670 MHz (Currently Earth-To-Space only)
10350-10400 MHz

