



International Amateur Radio Union Region 1 2011 Regional Conference – Sun City, South Africa 12 to 19 August 2011



Subject	Amateur Spectrum Matters on 23 cm Band		
Society	OeVSV	Country:	Austria
Committee:	C5	Paper number:	SC11_C5_17
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Background:

To represent spectrum requirements of amateur radio service and lobby for spectrum at WRC is one of IARU's most important constitutional tasks. New satellite based navigational systems (GALILEO) are creating new threats to secondary allocations on 1,2 GHz.

Situation:

In Region 1 the 23 cm band is the only band around 1 GHz allocated to amateur radio service on secondary basis. Due to primary allocations for satellite navigation services and high economic and political pressure to increase the use of GPS, GLONASS and new European GALILEO service, there is significant threat to 23 cm band. This has resulted in restrictions for example in Austria, which limits the maximum usable power and bandwidth to less than 7 MHz, which does not allow efficient ATV repeaters or broadband data services any more.

Recommendation:

- Address the need for a harmonized amateur band around 1 GHz serving as the lowest possible band for broadband television or data experiments.
- Evaluate IARU spectrum policy goals in respect to preserve allocations in GHz bands
- Develop new strategies to be more effective in future ITU/WRC/ECC meetings.