International Amateur Radio Union Region 1

Europe, Middle East, Africa and Northern Asia Founded 1950

General Conference, Davos, 11 to 16 September 2005

SUBJECT	50 MHz Bandplan		
Society	VERON	Country:	The Netherlands
Committee:	C5	Paper number:	40
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Introduction

During the 2004 interim meeting in Vienna, the REF delegation asked for a better solution for PSK31, as French amateurs have only access to the 50,2 – 51,2 MHz segment of the 6m band.

They proposed 50,385 MHz for PSK31 although the IARU bandplan suggests 50,250 MHz as the centre of activity for PSK31. Although 50,250 MHz is available to the French amateurs, psk31 is a narrowband MGM, which should not be in the 2700 Hz MGM range of the bandplan.
As a result of the discussions, it was proposed that PA2DW would draw up a proposal for a new bandplan for 6m, based on the needed bandwidth of MGM's like PSK31.

Proposal

Following is the proposal, which already has been distributed in the VHF Newsletter 41:

Frequency	Maximum bandwidth	Class of transmission	Usage recommendation
50,000 50,100	500 Hz	Telegraphy, MGM	50,000 – 50,080 Beacons 50,090 Telegraphy centre of activity
50,100 50,300	2700 Hz	SSB, MGM	50,100 – 50,130 Intercontinental telegraphy/SSB 50,110 DX calling 50,150 SSB centre of activity 50,185 Crossband centre of activity 50,200 MS centre of activity SSB 50,260 - 50,290 FSK441 50,270 FSK441 calling frequency
50,300 50,500	500 Hz	Telegraphy, MGM	50,350 MS centre of activity telegraphy 50,385 PSK31 centre of activity 50,450 – 50500 JT44/JT65 50,470 JT44/JT65 calling frequency
50,500 52,000	12 KHz	All	50,510 SSTV (FSK) 50,550 FAX workingfrequency 50,600 RTTY (FSK) 50,620 – 50,750 Digital communication 51,210 – 51,390 FM repeater input, 20 KHz raster 51,410 – 51,590 FM 51,510 FM calling frequency 51,810 – 51,990 FM repeater output, 20 KHz raster