



International Amateur Radio Union Region 1
General Conference - 16th to 21st November 2008 - Cavtat, Croatia

SUBJECT	Frequencies for Digital Voice communication in the IARU, Region 1, VHF/UHF band plans		
Society	EDR	Country:	Denmark
Committee:	C5	Paper number:	CT08_C5_07
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This proposal was previously presented to the C5 meeting in Vienna, 2007 as B21.
- From the minutes of the Vienna meeting:

“B21 and B05 introduced by G4ASR. Initial experiments (as in B21/B05 digital voice papers) may always be carried out at All-mode sections, for permanent use frequencies need to be sought and could be proposed at the next conference (see also B19).

B05, B19, B21 Action Point: DARC, G4ASR, OZ7ZIS et al to develop a general MGM bandplan proposal for the next full Region-1 conference (See also B25 and Intermar in AoB)”

Digital modulated voice transmissions carried out on fixed “channels” can hardly be regarded as MGM!

In general we specify the use of channels for specific purposes in the Usage-column of the bandplans.

VHF committees throughout the region have been asked where to allocate the new systems for Digital Voice communication like D-Star, etc.

Looking at the national bandplans it seems like some “local” solutions have been found?

Repeaters for Digital Voice seem to be able to blend in on the present channels assigned for (FM) telephony repeaters.

But for simplex traffic it is a different matter

Before local practices establish the activities on different frequencies, we need to assign some common IARU, Region 1, simplex frequencies in the bandplans. When experiments are carried out with these new modes, we need to find local as well as International counterparts for these experiments. This is best done on common frequencies:

50 MHz:

We propose to establish 50,620 as the digital voice calling channel and 50,630 – 50,640 as common frequencies allocated for Digital Voice operation.

70 MHz:

We propose to establish 70,325 as the Digital Voice calling channel.

144 MHz:

We propose to establish 144,950 as the calling frequency for Digital Voice and 144, 925 MHz – (144,93125) -144,9375 – 144,94375) as common frequencies allocated for Digital Voice operation.

434 MHz:

We propose to establish 434,450 MHz as the calling frequency for Digital Voice and 434,425 – (434,43123) – 434,4375 – (434,44375) as common frequencies allocated for Digital Voice operation.

1296 MHz:

We propose to establish 1297,850 MHz as the calling frequency for Digital Voice and 1297,825 and 1297,875 as common frequencies allocated for Digital Voice.