

INTERIM MEETING OF THE IARU REGION 1 VHF/UHF/MICROWAVE COMMITTEE  
VIENNA 19.- 21. April 2013

Document	VIE13_C5_09
Subject	<b>DV Simplex and Hotspot (IDVG) frequencies on 145 MHz</b>
Society	NRRL
Contact	LA8KV Kjetil Toresen
Status	Proposal

### **Introduction**

Changes in the MODE and USAGE for DV in VHF bands. This proposal deals with 145 MHz. Equal solutions should be made for 435 MHz.

### **Background**

Current bandplans indicate mixed mode on several segments. DV and FM are shared modes in hole off the previous FM segment. Bandplans footnotes indicate that DV users should check for any FM traffic before starting a QSO.

This combination of MODE is frustrating for FM users and for DV users. Rapid growth in DV usage will create more frustration. To avoid short time conflicts it will be a good idea to allocate segment for DV. In this also include segments for DV Simplex IDVG as done for FM.

NRRL feels that the current segment 144.794 - 144.962,5 is the right place for such allocations.

This will give DV users a segment for Gateways and a simplex area. Furthermore as technology improves the canal spacing can be reduced to 6,25 KHz

### **Previous discussions**

C5 decision on mixed DV/FM in all previous FM Segment was done with very few Against's. This should not refrain us from clearing up the mess.

## Recommendation

NRRL recommend that the part off the segment 144.794 – 144,625 (currently All Mode) shall be used for Simplex IDVG and DV Simplex canals. The segment's only USAGE is 144.800.

144,8000	APRS	MGM
144,812,5		MGM
144,8250	Sekundær APRS	MGM
144,837,5	DV Hotspot (IVG)	DV
144,8500	DV Hotspot (IVG)	DV
144,862,5	DV Hotspot (IVG)	DV
144,8750	DX cluster	MGM
144,887,5	DV Simplex	DV
144,9000	DV Simplex	DV
144,912,5	DV Simplex	DV
144,9250	PACKET	MGM
144,937,5	DV Simplex	DV
144,9500	PACKET og DX cluster	MGM
144,962,5	DV Hotspot (IVG)	DV

In Nations where PACKET and DX cluster not are in operation the hole segment can be used for DV / DVIG with the exception off 144.800

Footnote h must be chanced (amendments): Digital Voice gateways is allowed in this segment