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Subject	Correction of the 23 cm band plan with respect to repeater frequencies		
Society	UBA	Country:	Belgium
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Background

There seems to be an error in the 23 cm band plan about repeater frequencies. Because of the ambiguity, this should be corrected.

The inputs for the "RS" repeaters are defined as:

- 1270,025 - 1270,700 Repeater input, ch. RS1 -- RS28

The lower output channels are defined as:

- 1242,025 - 1242,250 Repeater output, ch. RS1 - RS10
- 1242,275 - 1242,700 Repeater output, ch. RS11 - RS28

However, the output channels are defined as:

- 1298,025 – 1298,500 Repeater output channel frequencies, ch. RS1 -- RS28

This is not logical and should be corrected. (RS28: $28 \times 25 = 700!$).

As in many countries FM and/or DV-repeaters already work on output-frequencies between 1298,500 and 1298,700 MHz, we should keep the RS1 to RS 28 channels (1298,025 to 1298,700 MHz) for FM and DV. This still leaves 1,3 MHz for "digital communications" against 700 kHz for FM and DV (DV = Digital Voice). Also if we look at the input-frequencies (1270,025 to 1270,700 MHz) and the lower output-frequencies (1240,025 to 1240,700 MHz) in the band plan, it is clear that is the way it was intended.

Proposal

Make a correction to the 23 cm band plan on page 49 (Usage): (proposed changes are in red):

- 1298,025 - **1298,700** Repeater output channel freq, ch. RS1 -- RS28
- **1298,700** - 1300,000 Digital communications (within RS channels) d)
- 1298,725 - 1299,000 Packet-Radio duplex channel freq, ch. RS29 -- RS40