

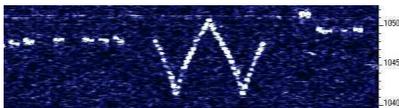
30m QRSS beacon: QRV: Grand Finale!

Written by Hans Summers
Monday, 25 May 2009 03:10 -

Concluding the 30m QRSS beacon tests, I programmed in an extensive 6-word message using the new dual memory page feature I introduced in my [first round of modifications](#) . For extra fun, a reward was offered for anyone decoding the message, of 300 capacitors in 10 different values (30 of each). I happen to have quite a large box of capacitors in the junk box ;-)

The message was **GOUPL HOMEBREW RADIO RULES THE WAVES**. I got that idea from Peter DF3LP's first reception report email, which was the first time my beacon had ever been heard and very exciting.

The message was designed using MS Excel. The font is actually the old [Sinclair ZX Spectrum font](#) . The "RULES" was in QRSS10 followed by a "trademark" and finally "THE WAVES" in DFCW with 10 second dot length. Several people reported that the DFCW was hard to copy, because the shift was too small. It appears that the software settings that were optimal for the Hell and QRSS10 were no good for the DFCW and I should've used a larger shift.



Reports

The following reports and screenshots were received.

Peter DL6NL, near Munich JN58SG, copied the whole message. To the right is the new "trademark". You can see the preceding QRSS10 and following DFCW sections. The height of the "trademark" is about 10 Hz.

The Argo software settings didn't permit capturing the whole Hell section in one screen, so Peter sent many screenshots showing the different parts. The image below was pasted together from 3 of the screenshots.



"RULES" in QRSS10...



"THE WAVES" in DFCW... (it's an awful lot easier to decode when you already know the message!).



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Heinz OE5EEP, in Austria JN67TW, copied the whole message. Below is the Hell section. Heinz sent several interesting screenshots and had some good comments about the Hell font and the mode in general.



Here's another nice one from Heinz: