

## 30m QRSS junkbox tx: Reports 2

Written by Hans Summers

Tuesday, 16 June 2009 06:33 - Last Updated Tuesday, 16 June 2009 22:57

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On 02-Mar-05, 1800 UTC I added 2,200uF capacitances in parallel with each of the two 470uF period determining capacitors in the astable multivibrator pattern generator. This caused the cycle time to increase to about 25 seconds. The slower pattern is more suitable for DX listening.

{gallery}qrssjbreports2/mods{/gallery}

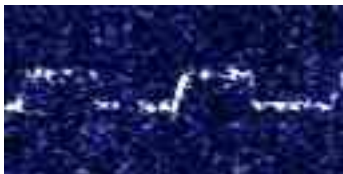
Above are some pictures of this small modification (click thumbnails for large images).

Left	I found a small tin of components nearby in the attic and grabbed it as raw material.
Middle	Here's what the beacon now looks like, after the mod.
Right	Closeup. The ugly just got even UGLIER.

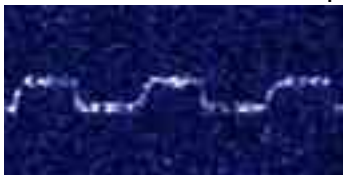
Below are the first reports screenshots. **Apologies: SOME screenshots have been lost during a website rewrite.**



03-Mar-06 08:00Z: First ~~ZL4OL~~ shot from Mike showing the new pattern.



03-Mar-06 09:00Z: Report ~~VK6D~~ David showing the new pattern.



03-Mar-06 09:10Z: Mike ~~ZL4OL~~

03-Mar-06 17:27Z: From ~~DF5~~

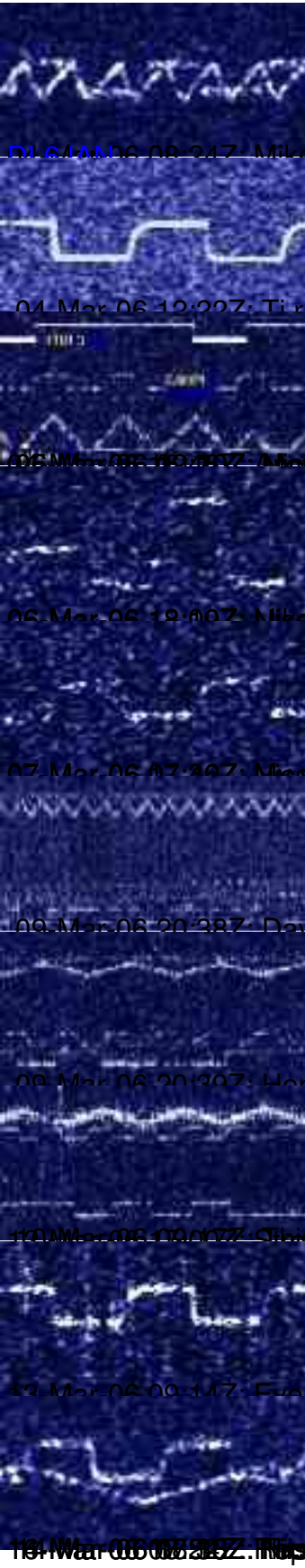
sent this one soon after David's, an interesting comparison in JN54AC. I had to look outside my window to convince

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[ZL4OL](#)

copied five simultaneous [WB3AHG](#); , G6AVK and I are a

[A9BEA](#)

in JO29OG sent this very nice clear report from South V

[I1DFS](#) copy by Andrew

in JO11OE showing I1DFS, G0UPL, and G3GKI.

[I1DFS](#) copy by Andrew

in Patric, day by Andrew and adjusted the FSK pot, first to

[I1DFS](#) copy by Andrew

in Patric, day by Andrew and adjusted the FSK pot, first to

[M6DI](#)

: "As the temperature falls [WB3AHG](#)'s at a rate of about 1/100th of a degree C

[M6DI](#)

saved report from ABC program instead of Spectran (above).

[I1DFS](#)

in Patric, day by Andrew and adjusted the FSK pot, first to

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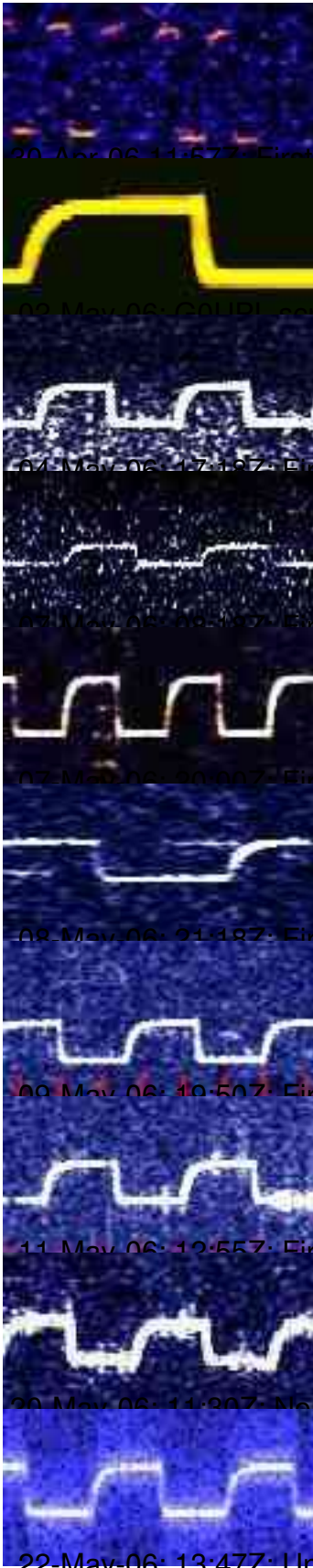


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20-Apr-06: 11:57Z: Eir **DK5NA** Reception report from Michael JO42BH.

02-May-06: 09:00Z: Eir **DL6GAN** Under the magnifying glass by Chris

04-May-06: 17:18Z: Eir **3K1ZVW** Reception report from Paul N35TC using IC728 and balcony antenna, with "open

05-May-06: 08:07: Eir **ON6RP** Reception report from Staff difficult at the short distance between UK and Belgium

07-May-06: 00:02Z: Eir [Stace Wolf](#) Reception report from [Stace Wolf](#) 52HP.

08-May-06: 01:18Z: Eir [3W6SQT](#) Reception report from [3W6SQT](#) N6VP, using FT857 with TCXO and 300Hz filter, CB ground

09-May-06: 10:50Z: Eir **IZ2FEP** Reception report from Matteo

11-May-06: 12:55Z: Eir **SM6LKM** Reception report from Johan Sweden - Johan reports: "G0UPL has been clearly a

20-May-06: 11:20Z: Mer **MA1YF** Much too close for 30m reception, very strong reception permitted De

22-May-06: 13:47Z: Un **ON5SL** Propagation condx allowed very strong reception in Belgium, this from Pie



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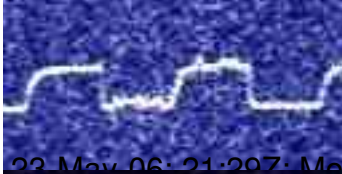
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**ON6RR** Propagation condx allowed very strong reception in Belgium, this from Sta



**OO4VK** coincidentally the closest station yet to copy my transmission, a mere 66km



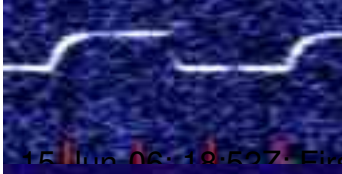
**G4KKI** ge condx! This time I did my signal in Manchester, [UK](#) IO83TM. Bill uses



**ON5SL** reception by Pierre JO10TT.



**OO6KI** Strong reception report worthy of note from a local station, this is from Vic



**IN6KJ** from Giuliano in JN56RG.



**OO7ZU** from Andy Smith (IO70WK).



**OO8KN** from John Knott in Wells, Somerset. Rx: IC756pro3.



**IZ8GFC** from Quirino Tirelli Benevento, 70km from Naples, Italy (JN71JD). Rx: IC



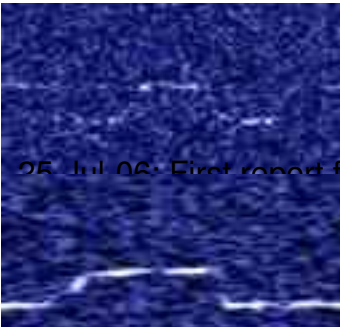
**OO9AD** from Alberto Casone, Italy (JN45SL).

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25-Jul-06: First report from [Harry W3PNC](#) (son of

**N3TFM**

in Kalamazoo,

30-Aug-06: First report from ~~AA1X6~~ **AA1X6** Paul Stroud

nr Raleigh, NC, using Argonaut V and an 80m dipole antenna