

30m QRSS junkbox tx: Reports 2

Written by Hans Summers

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

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}

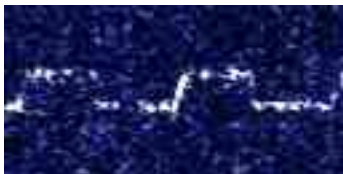
Above are some pictures of this small modification (click thumbnails for large images).

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.

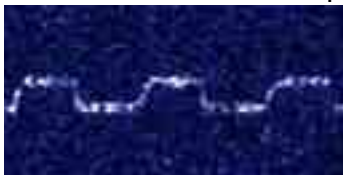
Below are the first reports screenshots. **Apologies: SOME screenshots have been lost during a website rewrite.**



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~~

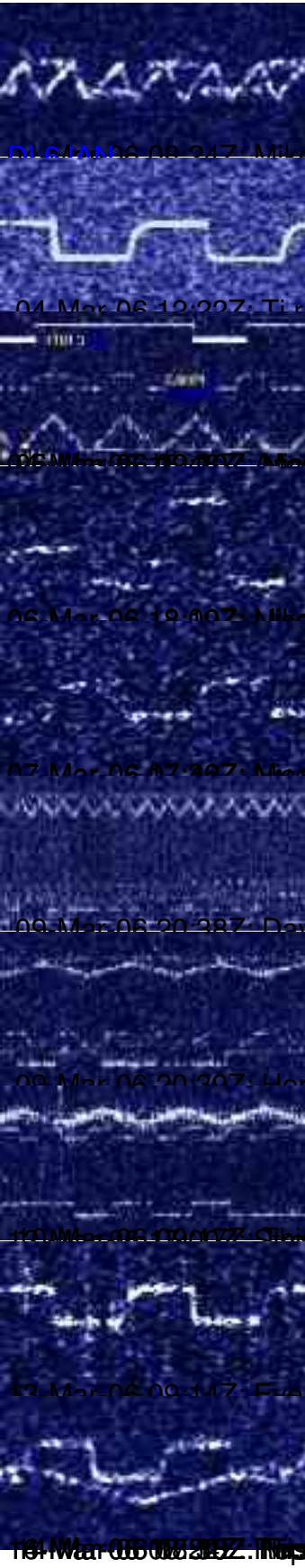
03-Mar-06 17:27Z: From ~~DF5~~

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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[DL6MND](#) 06-06-247: Mike [ZL4OL](#)

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

04-Mar-06 19:227: Tim [A9BEA](#)

in JO29OG sent this very nice clear report from South V

06-Mar-06 19:227: Mike [W3OH](#) copy of Andrew

in JO11OE showing I1DFS, G0UPL, and G3GKI.

06-Mar-06 19:202: Mike [W3OH](#) copy of Andrew

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

07-Mar-06 07:227: Mike [W3OH](#) signal from Australia via the long path (distance 25,500 km / 16,000 miles), a

09-Mar-06 20:287: David [MK6DI](#) : "As the temperature falls [WB3AHG](#)'s at a rate of about 1/4 Note 065, G

09-Mar-06 20:207: Mike [W3OH](#) saved report from ABC program instead of Spectran (above).

10-Mar-06 00:077: Mike [W3OH](#) signal from Australia via the long path (distance 25,500 km / 16,000 miles), a

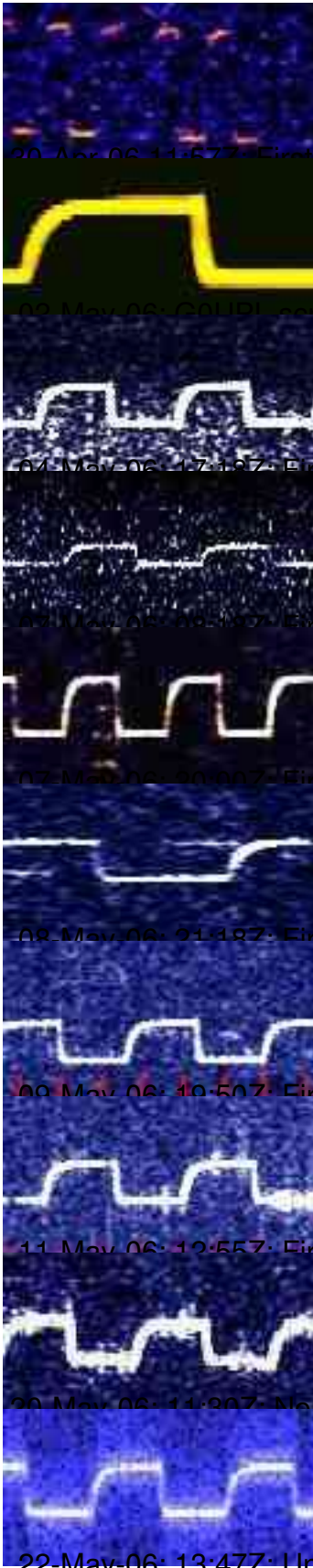
12-Mar-06 00:147: Mike [W3OH](#) signal from Australia via the long path (distance 25,500 km / 16,000 miles), a

13-Mar-06 00:252: Mike [W3OH](#) signal from Australia via the long path (distance 25,500 km / 16,000 miles), a

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

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

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

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

07-May-06: 09:02Z: File **5H4CPT** Reception report from Wolf, in from 52HP.

09-May-06: 01:18Z: File **3W6SQT** Reception report from N6VP, using FT857 with TCXO and 300Hz filter, CB ground

09-May-06: 10:50Z: File **4Z2FEP** Reception report from Matteo

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

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

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

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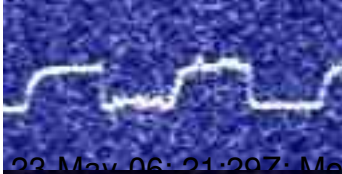
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ON6RR Propagation condx allowed very strong reception in Belgium, this from Sta



OO7VK coincidentally the closest station yet to copy my transmission, a mere 66km



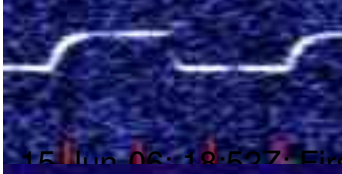
G4KKI ge condx! This time I did my signal in Manchester, [UK](#)! **IO83TM**. Bill uses



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)**.



OO6KN from John Knott in Wells, Somerset. Rx: IC756pro3.



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

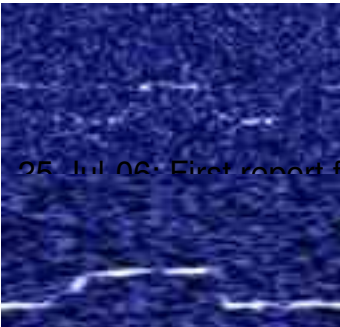


IO7AD from Alberto Casone, Italy (JN45SL).

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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