Transmission details:

QRP	360mW
QRG	10,140,060
QRV	23-Feb-06 1145 UT until 01-Sep-06 2000 UT
QTH	IO91VH, 15 miles south of London, UK
Ant	Attic Longwire
Msg	FSK, 3Hz separation, squarewave with 25 second cycle

Junkbox beacon construction

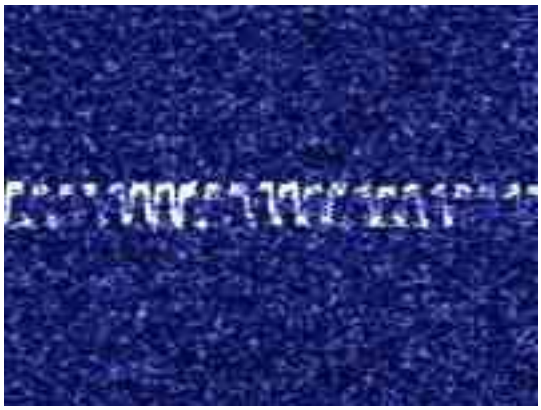
This simple 30m QRSS beacon is built entirely out of junkbox parts, the only component purchased spec

READ MORE.

Antenna and Attic installation

I use a full size half-wave dipole (14.2m) in my attic, taped to the roof at about 4 feet (1.3m) above the a

READ MORE.



First reports, 28-Feb-06 - 02-Mar-06

David VK6DI reported seeing a plain carrier that drifted around slowly, though it cou
VK6DI saw me make the change, but not on
WB6A
NQ and Chris
DL6JAN

READ MORE.

Reports, 03-Mar-06 - 01-Sep-06

On 02-Mar-05, 1800 UTC I added 2,200uF capacitances in parallel with each of the two 470uF period de

READ MORE.

Special Reports :

These are some unusual reports, showing interesting propagation conditions, unusual QRSS monitoring

READ MORE.

30m QRSS Receiver :

Don't miss this related project: a simple 2-chip 30m QRSS crystal controlled direct conversion receiver p

READ MORE.
{gallery}qrssjb/map{/gallery}

Reception map :

This map shows the worldwide reception of the G0UPL junk box beacon. Not all stations are shown on t

List of receiving stations

Currently reports have been received from **45** stations as follows:

Callsign	Name	Locator	Distance	Locatio
1.	VK6DI David Isele	OF88CD	Mount Helena, Australia	
28-Feb-06				
2.	WB3ANQ Larry Putman	FM19RC	Pasadena, Maryland	
28-Feb-06				
3.	DL6JAN Christian Proehl	JO60KU	Chemnitz, Germany	
01-Mar-06				
4.	ZL4OL	Mike McAlevey	RE54GG	Waitati,
01-Mar-06				
5.	ON5SL	Pierre	01-Mar-06	
6.	LA5VNA	Steinar Aanesland	Aas, Norway	
01-Mar-06				

7. ON4LP Erik Platteeuw JO11OE Brugge
02-Mar-06
8. I1DFS Paolo JN54AC Italy
03-Mar-06
9. LA9BEA Tjï¿½rand Bauge JO29OG ï¿½krel
04-Mar-06
10. IW0HK Andrea Borgnino JN61FV Rome, Italy
05-Mar-06
11. IOSKK Alex Rome, Italy 14-Mar-06
12. OE5EEP Heinz Schnait Seewalchen, Austria 16-Mar-06
13. I0CG Giuliano Rieti, Italy
30-Mar-06
14. IK4GBU Valeri Bianchi Casalecchio di Reno, Italy
31-Mar-06
15. G3VYZ Les Thompson IO95FB Tyne &
10-Apr-06
16. PA1SDB Peter Knol JO33KH Apping
10-Apr-06
17. IK4IDP Andrea Tommasi JN54QL Castenaso, Italy
20-Apr-06
18. IV3XYM Alessandro Vitiello JN65SU Ronchi
21-Apr-06
19. Giuseppe Bini Italy 21-Apr-06
20. Giuseppe Bimbi Italy 21-Apr-06
21. IK2JET Alberto Scanzi Lonato, Italy
22-Apr-06
22. G3GKI Vic Kershaw Scarborough, Yorkshire, UK
23-Apr-06
23. IZ1KGL Giulio Torino, Italy
23-Apr-06
24. Andrea Lawendel Milan, Italy 23-Apr-06
25. I2NDT Claudio Marega JN45TQ Italy
24-Apr-06
26. DJ2LF Walter Staubach JN59NO Erlange
26-Apr-06
27. G0UPL Hans Summers IO91VH 0.005km
29-Apr-06
28. IZ2KQP Enrico Mese, Italy
29-Apr-06
29. DK5NA Michael Peters JO42BH Germar
30-Apr-06
30. IK1ZYW Paolo Cravero JN35TC Italy
04-May-06
31. ON6RR Staf Rans Belgium
07-May-06
32. Hartmut Wolff JO52HP Germany 07-May

-06				
33. 08-May-06	IW3SGT	Alessandro Kosoveu	JN65VP	Trieste, NE Italy
34. 09-May-06	IZ2EEQ	Matteo	Italy	
35. 11-May-06	SM6LKM	Johan Bodin	Sweden	
36. 20-May-06	M0AYF	Des Kostryca	IO93OJ	Gainsborough, UK
37. 23-May-06	G6AVK	Colin Thomson	JO01HO	66km
38. 23-May-06	G4KKI	Bill Stevenson	IO83TM	Swintor
39. 15-Jun-06	IN3KLQ	Giuliano	JN56RG	Italy
40. 29-Jun-06	G7IZU	Andrew Smith	IO70WK	Plymouth, UK
41. 09-Jul-06	2E0KNJ	John Knott	Wells, Somerset, UK	
42. 21-Jul-06	IZ8GFQ	Quirino Tirelli	JN71JD	Beneve
43. 24-Jul-06	I2PHD	Alberto di Bene	JN45SL	Casirate, Italy
44. 24-Jul-06	N3TFM	Todd Putman	EN72FH	Kalama
45. 30-Aug-06	AA4XX	Paul Stroud	FM05QR	Raleigh

Two maps from from Larry WB3ANQ showing the path between G0UPL and Todd N3TFM:
(click images for the full size versions).

{gallery}qrssjb/maps{/gallery}

QRSS WEBSITES

Knights webpages:

VK6DI David http://www.users.on.net/~davroz/vk6di/index.html
WB3ANQ Larry http://www.wb3anq.com

DL6JAN Christian http://www.proehl-elektronik.de/qrss/qrss_e.html
IW0HK Andrea http://mediasuk.org/iw0hk/qrss2.htm
I0SKK Alex http://www.eco-lavoro.com/i0skk/Beacon.htm
OE5EEP Heinz http://members.aon.at/oe5eep/QRSS.html
AK0B Stan http://www.ak0b.com/
G6AVK Colin http://www.g6avk.demon.co.uk/qrss.html
G7IZU Andy http://www.tvcomm.co.uk/radio/live_b.html
I2PHD Alberto http://www.weaksignals.com
G4OEP Andy http://g4oep.atspace.com/qrss/qrss.htm
M0AYF Des http://www.qrss.thersgb.net/
IK0VVE Max http://www.radionatura.it/ik0vve2/mept1.aspx

QRSS Information and QRSS Knights mailing list:

QRSS Knights mailing list http://mail.cnts.be/mailman/listinfo/knightsqrss_cnts.be
QRSS Knights website http://www.cnts.be/knights_qrss/

QRSS Software:

ARGO: the most popular QRSS viewer program http://digilander.libero.it/i2phd/

Propagation pages:

Digisonde - current propagation http://digisonde.oma.be/cgi-bin/latest.exe
Propagation theory pages by G4NSJ http://www.g4nsj.co.uk/which.shtml
Earth Viewer www.fourmilab.ch/cgi-bin/uncgi/Earth
Freeware propagation prediction program www.its.bldrdoc.gov/elbert/pc_hf/hfwin32.html

Construction aids:

Mini ring core calculator http://www.dl5swb.de/html/mini_ring_core_calculator.htm
GQRP club guide to harmonic filters www.gqrp.com

Components:

DB6NT crystal heater (extra stability for your beacon!)
http://www.kuhne-electronic.de/english/special/crystalheater.htm

Peter DL6NL has a QRSS frequency HC49 crystals for sale. He has the following frequencies: 7.000, 7.020, 10.137 and 10.140. Price is 5 Euros for three crystals, including shipping. Email him at his AOL address: dl6nl@aol.com

Beacon keyers:

http://k1el.tripod.com/
http://www.expandedspectrumsystems.com/
http://www.proehl-elektronik.de/start.html