



RAG CHEW

GLOUCESTER AMATEUR RADIO AND ELECTONICS SOCIETY

No.11
July 2013

This paper is formed of articles offered by you the members of the club. If you have an article to share projects, old stories, jokes or cartoons, any interests then e-mail it to me or give it to me on paper Brian.millard@virgin.net

An Inverted Delta Loop for 6 Metres

Ron G3SZS

With having just given home to a new TS590s I now have an additional band to play with; 6 Metres.

Initially I used my HF inverted 'L' with remote ASMU, However as the SG230 was never designed to cope with this band problems ensued. So the idea of a dedicated antenna was born.

For simplicity I raided B&Q's plumbing department, 40mm waste pipe for the support and 8mm small bore central heating pipe for the radiator. The copper pipe was easy to bend but sufficiently rigid to stay in shape. A small plastic food box with snap on lid was used to protect the terminations. (Later 2 lengths of electrical conduit were placed inside to 40mm pipe to increase rigidity)

The configuration is a full wave loop forming an equilateral triangle (Approximately 6 metres of pipe), The coax is wound as a small coil below the box to form a choke.

With the aid of an MFJ analyser, kindly loaned by Doug G4IGN, I was able to get the loop into resonance by trimming the length of the two sloping arms.

First impressions are good. Several continental QSOs on SSB and JT9 are now in the log.

If you desire any more details please contact me ron.g3szs@btinternet.com



ELECTRONIC LOVE

Malcolm Bell G6UGW

Malcolm saw this amusing article in a Short Wave Listener Club Bulletin it came from station ANDEX (Andes Mountains + DX = ANDEX). Heralding Christ Jesus Blessing (HCJB) was a short wave station on Andex established on Christmas Day 1931. Malcolm was registered with ANDEX as a SWL Andex 4444.

If she wants a date ----- METER

If she comes to call ----- RECEIVER

If she needs an escort----- CONDUCTOR

If she's been cheating ----- DETECTOR

If she's too fat ----- CONDENSER

If she's too thin ----- FEEDER

If she's extravagant ----- LIMITER

If she's in error -----RECTIFIER

If her hands are cold -----HEATER

If she fumes and fusses ----- INSULATOR

If she's ugly -----TRANSFORMER

If she's bossy ----- RESISTOR

If she's bored -----EXCITER

If she's refuses -----REJECTOR

Times Past - In Celebration 1858

Malcolm Bell G6UGW

The first telegraphic communication between Europe and North America 16 August 1858 was reported in The Times 18 August 1858...

"More was done yesterday for the consolidation of our Empire than the wisdom of statesmen, the liberality of our legislator or the loyalty of our colonists could ever have effected. The distance between Canada and England is gone"

"On August 16, 1858 the first message sent via the cable was, "Europe and America are united by telegraphy. Glory-be to God in the highest and on earth peace and good will toward men.

"Queen Victoria then sent a telegram of congratulation to President James Buchanan and expressed a hope that it would prove "an additional link between the nations whose friendship is founded on their common interest and reciprocal esteem."

The President responded that, "it is a triumph more glorious, because far more useful to mankind, than was ever won on the field of battle. May the Atlantic telegraph, under the blessing of Heaven, prove to be a bond of perpetual peace and friendship between the kindred nations, and an instrument destined by Divine Providence to diffuse religion, civilization, liberty, and law throughout the world."

The messages were hard to decipher – Queen Victoria's message of 98 words took sixteen hours to send.

These messages engendered an outburst of enthusiasm. The next morning a grand salute of 100 guns resounded in New York City, the streets were decorated with flags, the bells of the churches were rung, and at night the city was illuminated.

~~~~~