

STARLITE

G6OI
1938

The Award Winning Newsletter for Members and Friends of
Stourbridge and District
Amateur Radio Society
incorporating
Old Swinford Hospital School Radio Club

G6SRS
1938

G4CVK

1969

ISSUE
09/2014



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MEETINGS

Visitors always welcome
The Society holds its full meetings on the
1st and 3rd Monday of each month at

**Old Swinford Hospital School
Heath Lane
Stourbridge
(8.00pm – 10.00pm)**

Additionally the shack is open during the same times on the
intermediate Mondays

Telephone Enquiries to :-
Hon Secretary
John Clarke M1EJG
(01562) 700513

Or by e-mail to :-
honsec@g6oi.org.uk

All correspondence/enquiries should be
addressed to the Hon. Secretary :-
STARS
c/o The Mill House
21 Mill Lane
Blakedown
Kidderminster
DY10 3ND

STARS Web Site URL :-
www.g6oi.org.uk

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CONGRATULATIONS TO KELVIN ON HIS A LEVEL RESULTS

A* for Maths plus As for Chemistry and Physics. He will be attending University of Bristol to study Mechanical Engineering

Congratulations and we all wish him well in the future - one day he may be the captain of our holiday flight!

James G7HEZ and all at STARS

IMPORTANT NOTICE

Members who have recently completed DBS (old CRB) checks please remember to bring there certificate to the meeting on the 8th of September so they may be copied by the School.

HAM RADIO GOES AROUND THE MOON

Towards the end of the year, radio amateurs will have the opportunity to receive what must be the ultimate DX from a ham radio payload transmitting the data mode JT65B as it flies around the Moon

Beijing plans to send a lunar orbiter around the Moon carrying a 14 kg battery powered payload known as 4M-LXS which was developed at LuxSpace. The amateur radio payload will transmit a JT65B signal on 145.990 MHz which can be decoded by radio amateurs using the free WJST software.

The orbiter is one of the test models for Beijing's new lunar probe Chang'e-5, which will be tasked with landing on the moon, collecting samples and returning to Earth. The launch, planned for 4th qtr 2014, is aimed at testing the technologies that are vital for the success of Chang'e-5. The orbiter will be launched into Lunar Transfer Orbit (LTO) then will perform a flyby around the Moon and re-enter the Earth's atmosphere after 9 days.

The orbiter arrived in Xichang, Sichuan on Sunday, August 10 and was then transported to the Xichang Satellite Launch Centre.

http://news.xinhuanet.com/english/china/2014-08/10/c_133546027.htm

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INTENTIONAL INTERFERENCE

One of the major points of contention over the years is that OFCOM do not do enough to curtail the actions of operators who go out of their way to cause interference in one way or another, whether that be dead keying, transmitting over other users or the use of bad/rude language.

Maybe the UK needs to take a look at the United States of America, where it seems that they are a little more on top of the problem. Two recent cases which highlight the problems of intentional interference clearly show that the USA are not prepared to tolerate the problem.

Mr Brian Crow was fined \$11,500 for intentionally causing interference to other amateur radio operators and failing to provide station identification.

(Background to the case) On March 14, 2014, in response to several complaints of intentional interference from amateur licensees on the frequency 14.313 MHz, agents from the Enforcement Bureau's Philadelphia Office (Philadelphia Office) used mobile direction finding techniques to identify the source of the transmissions to 12201 Longview Drive, North Huntingdon, Pennsylvania, the location of Mr. Crow's amateur station K3VR. The agents monitored the transmissions emanating from Mr. Crow's station for approximately three hours in the morning and heard him transmit Slow-Scan Television (SSTV) emissions and a pre-recorded voice transmission of another amateur station on the frequency.² These transmissions prevented other amateur licensees from communicating over the frequency. During the monitoring period, the agents did not hear Mr. Crow transmit his assigned call sign. Later that day, the agents approached Mr. Crow's residence, identified themselves, and requested to inspect the radio station located on the premises. Mr. Crow allowed the agents to inspect the station and they confirmed that it was capable of operating on 14.313 MHz. The agents interviewed Mr. Crow, who stated he did not operate his amateur radio station that morning and was not home when the interfering transmissions occurred.

The evidence in this case is sufficient to establish that Mr. Crow violated Section 333 of the Act and Section 97.101(d) of the (FCC) Rules. ("no person shall wilfully or maliciously interfere with or cause interference to any radio communications of any station licensed or authorized by or under the Act or operated by the United States government.") And Section 97.119(a) of the Rules. Section 97.119(a) of the Rules states that "each amateur station . . . must transmit its assigned call sign on its transmitting channel at the end of each communication, and at least every 10 minutes during a communication, for the purpose of clearly making the source of the transmissions from the station known to those receiving the transmissions."

A very recent case 22 July 2014 amateur radio station operator Michael Guernsey was fined \$22,000.

(Background to the case) Mr. Guernsey has a long history causing interference to the communications of other amateur radio operators and has been warned repeatedly in writing by the Enforcement Bureau that his actions violate the Rules.² On March 7, 2014, in response to several complaints of intentional interference from amateur licensees operating on the frequency 14.313 MHz, agents from the Enforcement Bureau's Detroit Office (Detroit Office) used mobile direction finding techniques to identify the source of the transmissions to 2026 Travis Road, Parchment, Michigan, the address of record for Mr. Guernsey's amateur station KZ8O. The agents monitored the transmissions emanating from Mr. Guernsey's station for approximately 40 minutes and heard him transmit a pre-recorded song and various animal noises on the frequency.³ These transmissions prevented other amateur licensees from communicating over the frequency. During the monitoring period, the agents did not hear Mr. Guernsey transmit his assigned call sign.

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GB3OS - STOURBRIDGE 70 CM REPEATER UPDATE

I have given the parts that made up the old GB3OS Stourbridge repeater a quick look over. A couple of sockets are badly corroded and some interconnecting leads are missing. The transmitter and receiver look ok, although I have not tested them yet. A new logic board has been fitted, but I do not know if the connections from the logic board to the receiver and transmitter are complete. I have spoken to the previous repeater keeper and he is looking into this.

Also I require a 6.3 Volt heater transformer to drive the crystal oven.

Are there any old-timers who have got one?

Geoff G0KVK

SOTABEAMS RELEASE THE ADVENTURE TUNER

Portable specialist SOTABeams has developed an antenna tuner kit.

The Adventure Tuner is designed to be an easy-to-make construction project that will appeal to the amateur who enjoys the challenge and satisfaction of making their own equipment.

The design is a bi-directional L network giving a wide range of matching options. The kit includes a laser cut and engraved front panel which reduces weight and makes construction very easy.



LOGGING SOFTWARE

Log4om announce a new release version 1.18 of their free logging software, which among other enhancements includes automatic QSO upload to the users QRZ on-line logbook.

Some of the new features

- Added Google Earth display of locators, worked, QSL, LOTW, Eqsl and LOTW + QSL confirmed.
- Automatic upload to the QRZ on line logbook added
- HRDLog and Clublog upload of a single QSO in Recent QSO's and QSO Archive manager added
- Also added HRDLog and Clublog upload single QSO from QSL Manager.
- Added a search for award description or code function to QSO award management in QSO entry screen.
- When entering a SOTA contact the Locator for a QSO is now set by using the data from the SOTA reference, not from the normal lookup routine.

Download version 1.18 free of charge from: <http://www.pisto.it/wordpress/log4om-en/>



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A TOUCH OF HUMOUR!

Two antennas met on a roof, fell in love and got married.
The ceremony wasn't much, but the reception was excellent.

"You spend more time on that radio than you do with me!"

"24 hours a day your on there, I bet you don't even remember the date of our wedding."
Screamed his wife.

"Yes I do... it was the 16th March."

"I remember it well, I married you then had a quick QSO with G9YYX and then joint a net on 40meter with G0DDT and G3TES."

Film Stars on the Radio

Do ya feel lucky QRPer -- Well do ya -- Eastwood

All the shacks in all the towns in all the world, and the OFCOM walks into mine. -- Bogie

Here's QSLing you kid -- Bogie

Frankly my dear, I don't give a QSL -- Gable

Yippee ki yay G7ZXV -- Willis

Q: How do you greet a ham radio operator?

A. With a short wave.



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Flea speak is the jargon of second-hand vendors at a ham radio festival. Often it may have two meanings. Here is our guide.

Fleaspeak with English translation follows:-

This rig puts out a BIG signal - *It's 50 kHz wide.*

This is a really good CW rig - *It doesn't work on SSB.*

This is a really good SSB rig - *It doesn't work on CW.*

This is a really good rig - *It doesn't work on CW or SSB.*

The transmitter is outstanding - *It doesn't receive.*

The receiver is really hot - *It doesn't transmit.*

This rig is really hot - *It's stolen.*

I just aligned it - *The slugs on the transformers are jammed.*

I don't know if it works - *It doesn't work, probably never has.*

I just had it serviced - *I sprayed WD-40 over all the wiring.*

It comes with the original box - *Just brush out the kitty litter.*

Better buy it now, cause it won't last - *No translation needed here.*

Sure, it works at full power - *It sucks all it can from the socket.*

This rig has wide frequency coverage - *It drifts up and down and out of band.*

Frequency stability is great - *The VFO doesn't work - you'll have to use crystals.*

Real popular rig in its day - *There were whole HF nets on the repair and maintenance problems.*

QST gave this one a really great review - *The language broke new ground for profanity.*

It might need a bit of tweaking - *Marconi himself couldn't fix it, much less align it.*

It was used in government service - *It was stored outdoors on a wooden pallet.*

The dial drive may need lubricating - *The gears are stripped and the set-screw's frozen.*

I plugged it in to check that it lights up - *The light came from the two foot high flames.*

This is a collector's item - *The manufacturer just went belly up and therefore no warranty.*

It came from an estate sale - *If you have any problem take it up with the original owner.*

It worked last time I used it - *If it still worked, I'd still be using it.*

The only lightning damage was a fuse - *The only lightning damage I recognized was a fuse.*

I'll help you carry it to the car - *I'll do anything to unload this boat anchor.*

The tubes used by this rig are worth the asking price - *The rig uses a rare 7360 beam deflection tube for a balanced modulator, but it's blown and you'll spend at least £180+ to get a new one.*

This is the rig of my dreams I really wanted one of these as a kid, but now I've got to let it go - *As I've gotten older, I've learned what a hunka junk it is.*

The signal quality of this rig was easily recognizable in its day - *The high distortion and bad audio quickly identified this rig.*

This rig will bring back the feelings and atmosphere of vintage ham gear - *The bypass capacitors to the AC line put enough voltage on the chassis to give you a shock in the lips through the microphone, and it smokes so bad when you turn it on that you'll probably start coughing and wheezing.*

There are a couple of other people interested in it - *Someone sat on it to tie his shoelaces while walking past the table.*

You'd better buy it now, because I'm leaving soon - *The previous buyer and his brother, Guido, are heading back toward the table and they aren't smiling.*

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YOUR COMMITTEE

Hon. President	JAMES	G7HEZ	
Vice President	NICK	G6DQN	
Hon. Secretary	JOHN	M1EJG	(01562) 700513
Hon. Treasurer	JOHN	G8UAE	
Committee Members	MARK	G7EDZ	
	KEITH	M0HPY	
	SEAN	M3XMJ	
	PETER	M6ZXH	
	MALCOLM(Co-opted)	G8BOP	
	ADRIAN	G0NLA	

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CALENDAR OF EVENTS

It should be noted that the Shack will be open every Monday evening unless shown otherwise in the Calendar

September	Mon 1st	Open Shack Night - Or on air natter
	Mon 8th	Open Shack Night - Committee Meeting
	Mon 18th	Tony Hancock Video
	Mon 22nd	Start of Foundation Course
	Mon 29th	Open Shack Night - Or on air natter
October	Mon 6th	Open Shack Night - Or on air natter
	Mon 13th	Open Shack Night - Or on air natter
	Mon 20th	Open Shack Night - Or on air natter
	Mon 27th	Military Radio - Stuart McKinnon
November	Mon 3rd	Foundation Course Exam
	Mon 10th	Open Shack Night - Or on air natter
	Mon 17th	Surplus Sale
	Mon 24th	Open Shack Night - Or on air natter
December	Mon 1st	Christmas Gathering
	Mon 8th	Open Shack Night - Or on air natter
	Mon 15th	Open Shack Night - Or on air natter
	Mon 22th	Open Shack Night - Or on air natter
	Mon 29th	Open Shack Night - Or on air natter
January	Mon 19th	Main Meeting TBC
February	Mon 16th	Constructors Competition and Quiz
March	Mon 16th	2015 AGM
April 2015	Mon 20th	Vintage Radios (Phil G4SPZ)