

STARLITE

The Newsletter for Members and Friends of

G6OI
1938

Stourbridge and District Amateur Radio Society

G6SRS
1938

incorporating

Old Swinford Hospital School Radio Club

G4CVK

1969

ISSUE 6 2007/8



Hi-LITES for the COMING WEEKS

JULY	Mon 9th	Open Shack Night - Tea/Coffee always available
	Mon 16th	ARDF covering 80M and 2M by Robert G3ORI and friends. This will be followed by a mini-DF hunt around the school grounds to provide a practical demonstration of the practices and principles DON'T MISS THIS ONE
	Mon 23rd	Open Shack Night - Tea/Coffee always available
	Mon 30th	Sheep Walks Barbecue On-Air (note - 7:30) (weather permitting)
August	Mon 6th	Open Shack Night - Tea/Coffee always available
	Mon 13th	Open Shack Night - Tea/Coffee always available

Produced by G8JTL



RSGB Affiliated Society

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the views expressed in STARLITE may not be that of the committee - @Stourbridge and District Amateur Radio Society

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Visitors always welcome

MEETINGS

The Society holds its full meetings on the

1st and 3rd Monday's 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 Monday's

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WAP enabled ??

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EDITORIAL

Hi,

That's All ..Best 73s Malcolm G8JTL

OUR ROVING REPORTER

B

Well That's All For Now Best 73s Your Roving Reporter -Malcolm Palmer G8BOP



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“THE FORGOTTEN WIRELESS PIONEERS”.

Author and Copyright Holder - David H. Barlow

HENRY JOSEPH ROUND

Continued from Issue-5

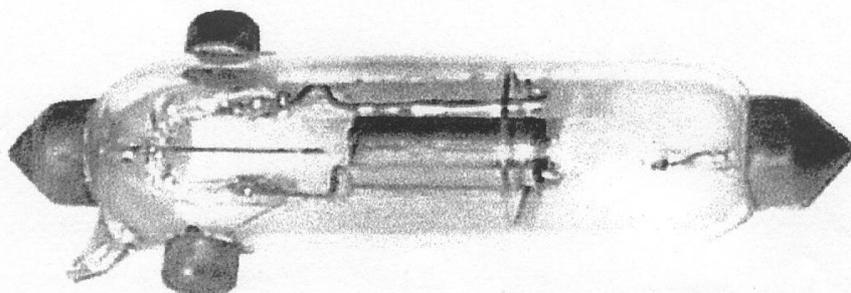
It was not only the direction finding, which was responsible for detecting the movement of battleships, but also the fact that the sensitive receivers developed by Round intercepted messages being sent between ships and from ship to shore that made Jackson send the Royal Navy to Jutland. The Germans were unaware that the capability existed to monitor their signals from distance across the North Sea.



There was no overall victor of the Battle of Jutland, the British lost more ships than the Germans, but the German fleet was confined to harbour for the duration of the war which was a virtual victory.

After the war it became clear that it was the work of Captain H.J.Round that the battle took place. Otherwise, had the German fleet sailed, it could well have been a disaster for the Royal Navy and Britain and changed the course of the war. Round was awarded the Military Cross for his war efforts. He declined the honour saying that the award was for those who served on the front line. Even though he declined the award it was sent to him through the post.

Round designed the V-24 valve in 1916 specifically for use in multistage high frequency amplifiers. It was used extensively by the Allies during the Great War (particularly the Navy) and after the war it was so widely used that the Marcony Company manufactured replacements up to 1937.



V-24 valve

After the war Round returned to his employment with the Marconi Company and, initially, his activities were devoted to the development and improvement of thermionic valves, including the high power MT1 and MT2.

Round became Marconi's personal assistant and in March 1919 he was sent to Ballybunion, Ireland to set up a wireless telephony transmitter. Although it only had 2½ kW input power it was the first East to West transatlantic telephony signal. The wavelength was 3,800m. While this was not the first transatlantic telephony signal it only used three main MT1 valves compared with the 300 valves used for the telephony signals between New York and the Eiffel Tower in 1915.

Round designed the transmitters for broadcast stations. firstly 2MT at Writtle, just outside Chelmsford, and 2LO at Marconi House in the Strand (taken over by the BBC on its formation in 1922). He played a very important part in the foundation of broadcasting, providing the technical expertise and drive to make it successful. His “Q” type transmitters were later installed in a string of

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broadcast stations in the UK. By 1930 Round and Franklin advanced the design of broadcast transmitters to a very high state of efficiency.

Round was a non-conformist to administrative regimes. An example of this is when, on one occasion, he designed a ships telephone set which effectively dispensed with the speaking tube that often was connected between bridge and engine room. He set up a production line without reference to anybody and was hauled over the carpet from a disciplinary and administrative point of view. The ships telephone sold in huge quantities and so this ended up as a moral victory for H.J.Round.

During the 1920s he was Chief of Research of the Marconi Company and, setting aside the developments already mentioned, he also developed such items as the "Straight Eight" receiver, a gramophone recording system, a public address system for large areas, new types of microphones, gramophone pick-ups, amplifiers, sound recording systems, screened grid valves and the R.F. pentode. In all he filed 117 patents.

To be continued

SOCIETY LIFE

Monday July 9: 7 Members.

Work continued on the shack refurbishment with the cables fed around the shack from patch panel to rig positions. The final patch lead was cut , terminated and also put into position. Also during this evening it was discovered that the HF beam rotator appears to be stuck/not responding to the control box – so yet another job to be scheduled

Monday July 16:

Monday July 23: 10 Members ,1 Apology and 1 Visitor

Most of the evening was a general natter plus checking on what was available for the forthcoming Carnival station.

Monday July 30: 8 Members and 1 Visitor

Tonight turned out to be busy, first with the sorting out of the equipment used for the carnival and returning it to the correct 'hole' in the store and shack.

Then the work began – continuing with the shack refurbishment – work commenced on making up the required lengths of feeder ready for running around the shack. This was taken as an opportunity to demonstrate the termination of 'N' Type and PL259 Plugs onto the RG213 Co-ax. Once one of each connector had been demonstrated then it was over to Geoff and Mark to prove they had been listening. Both successfully terminated an 'N' plug onto the cable.



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YOUR COMMITTEE

Hon. President	MALCOLM	G8JTL	(01384) 894019
Vice President	NICK	G6DQN	
Hon. Secretary	JOHN	M1EJG	(01562) 700513
Hon. Treasurer	JOHN	G8UAE	
Committee Members	ERIC	G7JWJ	Co-Opted
	RICHARD	M1DBC	
	MALCOLM	G8BOP	
	IAN	M3XRL	

CALENDAR of EVENTS

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

May	Mon 7th	MAY BANK HOLIDAY
	Mon 14th	On Air Night - Airing the club calls Hf + 2M
	Mon 21st	The Adventures of a Foundation Candidate
	Mon 28th	Open Shack Night - Tea/Coffee always available
June	Mon 4th	On Air Night - Airing the club calls Hf + 2M
	Mon 11th	Open Shack Night - Tea/Coffee always available
	Mon 18th	General Meeting - Club Events
	Mon 25th	Open Shack Night - Tea/Coffee always available
July	Mon 2nd	On Air Night - Airing the club calls Hf + 2M
	Mon 9th	Open Shack Night - Tea/Coffee always available
	Mon 16th	ARDF covering 80M and 2M by Robert G3ORI and friends.
	Mon 23rd	Open Shack Night - Tea/Coffee always available
	Mon 30th	Open Shack Night - Tea/Coffee always available
August	Mon 6th	Open Shack Night - Tea/Coffee always available
	Mon 13th	Open Shack Night - Tea/Coffee always available
	Mon 20th	Open Shack Night - Tea/Coffee always available
	Mon 27th	Open Shack Night - Tea/Coffee always available
September	Sat 1/sun 2	SSB FIELD DAY
	Mon 3rd	On Air Night - Airing the club calls Hf + 2M
	Mon 10th	Open Shack Night - Tea/Coffee always available
	Mon 17th	Slow Scan Operation by Wayne M5LLT
	Mon 24th	Open Shack Night - Tea/Coffee always available
	Mon 1st	On Air Night - Airing the club calls Hf + 2M
	Mon 8th	Open Shack Night - Tea/Coffee always available
	Mon 15th	Main Meeting - TBA
	Mon 22st	Open Shack Night - Tea/Coffee always available

