



FIVE AND NINE PLUS

THE OFFICIAL NEWSLETTER
OF THE
APPLEDORE AND DISTRICT
AMATEUR RADIO CLUB

Club Callsigns: G2FKO and GX2FKO
Web Site : <http://www.radioclubs.net/adarc>
Forum : <http://adarc.niceboard.net>

CLUB'S OFFICERS

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July, 2012

EDITORIAL

Welcome to another 5&9 Newsletter - **This month's talk is by Mike (G3PGA)** and promises to be a fascinating insight into the trials and tribulations for a radio amateur having **Solar Panels** installed on the roof. This is a topic which is very topical at the moment and is thus a Club Night not to be missed. Some members of your Committee recently visited the venue for a Special Event Station to celebrate the **Appledore Book Festival on Saturday, September 29th**. The purpose of the visit was to establish what facilities existed for erecting a suitable aerial and the siting of the Club equipment and display. The facilities and décor have been given a real upgrade and the Club has confirmed that we will put on the Special Event Station and look forward to the event.

Dave (2E0CNB) has organised a trip to visit the Hartland Magnetic Observatory on Monday, July 30th, at either 2pm or 3.30pm. This is a rare opportunity to visit this Observatory which is one of only 3 in the UK. If you would like to add your name to the list, please let me know by July 16th stating which time slot you prefer and whether you could accept the alternative time slot if your preference is full.



On Saturday, June 16th, Helen, Fred & John valiantly operated from the **South Molton Olde English Fayre** despite atrocious wet conditions - many thanks everyone - report later in the Newsletter.
Enjoy the read

Terry (G4CHD)

CLUB MEETINGS

Unless otherwise stated, Meetings are held at the Appledore Football Social Club starting at 7.30pm for 8.00pm.

Meetings until October start at 7.00pm to allow set up and operation of the Club Station GX2FKO. All operating will cease before 8pm and the station dismantled in order that the Meeting's programmed activity commences by 8.15pm.

Visitors are always welcome.

For further information, contact Brian Jewell (M0BRB)

July 16th	Solar panels v Ham Radio - Problems by Mike (G3PGA)
Aug 20th	Operating /Natter Night
Sept 8th	Arlington Court Special Event Station
Sept 17th	Back to Basics - HF Propagation by Terry (G4CHD)
Sept 29th	Appledore Book Festival Special Event Station
Oct 15th	Radio Astronomy by Dave (2E0CNB)
Nov 19th	Bring & Buy
Dec 10th	Club Christmas Party
Jan 21st	Erecting & Installing a Hex Beam by John (M0JKL)
Feb 18th	TBA
Mch 18th	AGM
Apl 15th	TBA

REPORT ON THE JUNE MEETING

SETTING UP AN SSB/CW HF STATION

by Mike (G3PGA) and Laurence (G4XHK)

This semi formal meeting was an ideal opportunity to update members on what gear the Club now owned and the logic and reasoning behind its purchase. This was ably done by Mike and Laurence with the intention of giving a full demonstration afterwards. However, the “demonstration gremlins” reared their ugly heads which resulted in a lot a time being spent searching for the problem which thankfully was later resolved and as always in these circumstances, turned out to be “finger trouble”!!

However, the station had been operated earlier in the evening quite successfully and ably demonstrated its potential.

Many thanks to both Mike and Laurence, together with all the other members who have helped in the selection, setting up, and testing of the equipment prior to the Meeting. A special thanks to Dave (G3YGJ) for designing and building the excellent housing for the gear which makes its transportation so easy.

Thanks to Jim (M3VJM) for the following photos.



Terry (G4CHD)

LOCAL REPEATERS

70cm Handy Cross Repeater/Echolink (#221334)

Gateway (GB3ND)

User: Listen 433.35MHz– Transmit 434.95MHz
Access 1750Hz Tone (Timeout 4.25 mins)/ 77Hz CTCSS
Repeater keeper is Jeff (G4SOF)

2m Stibb Cross Repeater (GB3DN)

<http://www.g0rql.co.uk/gb3dn.htm>

User: Listen 145.6375MHz - Transmit 145.0375 MHz.
Access 1750 Hz Tone or 77 Hz CTCSS Repeater keeper is Tony (G1BHM).
Yahoo users group for general chat and banter at :-
<http://groups.yahoo.com/group/GB3DN/>

LOCAL SKEDS

Zepp Net: Mon, Tues, Thurs : 145.450 MHz
Wed : via GB3DN 1600 local time

6m Net: Wednesday, 8pm, 51.5MHz FM

HF Net: Friday at 1600 local time
on 7.185 MHz ± qrm

Slow Morse: Run by Dave (G3YGJ) on **Tuesdays (suitable Beginners) and Thursdays (suitable more Advanced) , 1900 local time on 145.25 MHz (FM) - all are welcome.**

SUDOKU PUZZLE

The aim is to enter a number into each cell so that **any column, or any row, or any block of cells contains all numbers from 1 to 9**. This month's puzzle is categorised as **Advanced** difficulty.

2	4			6			8	
					4	5		7
		6						
7	8							
9		3	6		8	4	5	
						3		8
							4	
5	9		7					
		8		2		6		3

Terry (G4CHD)

CROSSWORD

This month's Crossword by Stuart (M1FWD).

The answers will be published in the next month's Newsletter. Good luck !

Clues Across

- The annular zone round a broadcasting station where neither direct nor reflected waves are received (4)
- Lyric poems (4)
- Our Radio Club's home (9)
- A projection on rotating part in machinery shaped to impart reciprocal or variable motion to the part in contact with it (3)
- Nocturnal bird of prey of the order Strigiformes (3)
- Traditional name for natives of Barnstaple, Devon (9)
- Volcano in IT land (4)
- Device or component for protecting an electric circuit (4)

Clues Down

- Tenth letter of the Greek alphabet (5)
- Castle near Okehampton, Devon (5)
- Alloy of iron with carbon and usually other elements (5)
- One-hundredth of a franc or other decimal currency unit (7)
- An encased group of insulated wires for transmitting electricity or electrical signals (5)
- A county in the North San Francisco Bay area of California - county seat San Rafael (5)
- Members of the former Women's Royal Naval Service (5)

1	2				3	4		5
				6				
7								
8		9				10	11	
12								
13					14			

Last month's answers :-

Across 1) diode 5) Ohio 8) random 9) e.g. 11) Si
12) Ottawa 14) Oahu 15) India

Down 2) Omani 3) ohm 4) Douglas 6) Preston
7) forty 10) farad 13) phi

MY FIRST SHIP (Part 8) - by Brian (M0BRB)

So now steaming down the English Channel . Boss of the 8-12 watch (steep learning curve), my watch staff , my Arab Donkey Greaser named Mockbel , all the engineers called him “Muchbull”, My Fireman Ali Abdul from the Yemen , His station in the Stokehold looking after nine oil fired Furness . and me in full command , for the Chief of course.in my morning watch , I also kept my eye on the Donkeyman and the Day working Fireman , who went about the jobs laid down by the 2nd engineer each day , also the Day working 5th engineer also with his list of jobs to do. “Muchbull” had been on the ship for five years , so knew his job , trouble was he liked to let every one , know about it , never the less, with out knowing about it , learnt much about the engine room from him.

By the time the ship got out into the Atlantic I had ran 6 watches , so knew it all! Yeah Right.

A little more about my Merchant Navy of the 50/60s. The ships of the day on average of 10.000 tons and speed of 10 to 11 knots , both Steam and Motor were big enough and small enough to get into most ports of the world , and by today standards were well manned , my ship had a crew of 50 in total.

On TV and Films the issue of commands from the Bridge to Engine Room all in a very curt way “never happened “more like begging or pleading more the normal way, “Steam on Deck Please” and from below “No”, which then entailed a visit to the Ch/Engineers cabin by the Ch/Officer or the Master with a bottle to talk about all subjects other then the request, which would be added in to conversation as an after thought. The Chief would then say “well you only had to ask “.

That was the excepted way it was done.

Now about 200 miles out in the Atlantic Gale 8 from the North West, being loaded to our mark, the ship was in better trim to deal with the heavy sea coming into our starboard side , but moving around on deck wasn't very safe , Midships low part of the ship, well awash with heavy sea. I can remember watching the cabin boy with a large tray of fried eggs running across No 3 Hatch Top between the Galley and Bridge Accommodation Pantry Door swept off of his feet by a large wave coming over the shipside (I thought better to save the eggs)and the cook moaned because he had to fry another lot.

Down below my watch, my confidence was about to get shaken up , at about 2200 much steam and vapour on top of the main engine , I ran up the 40 odd feet of ladders and platforms to find that salt water and spume coming in through the Boat Deck Engine Room Sky Lights. Now the old Ch/Engineer had a thing about sky lights , he would not let anyone adjust them apart from himself. So I went charging out though the doors into the Working Alleyway intending to get up to the deck and ran into the Chief , so I shouted at him “What about the Bloody Skylights now”?. He drew up to his full height and pointed at the door ,”Get down below Mister”, and of course I retreated back to the engine room, thinking I've done it now,(deep trouble for Brian) , as I went back down the ladders I heard the Skylights bang down shut . Not by the Chief, tho' he got the off duty 5th Engineer to get wet in shutting them down.

My Chief came down below about an hour later, wiped off his favourite steam gauge , ask me if I was alright and said, “ come around for a Tot when you finish the watch “. The old Chief , a very wise old man did not want to knock my confidence any more by telling me off, and I learnt never to panic again. The tot at the end of watch a double glass of Vat 69 Whiskey.

The old Queen Mary passed us,doing her 25 knots to our 10 and abit in the morning watch , the Chief from the top of the Eng/Room called me up to have a look, bye the time I got up to the deck , she was nearly out of sight, when I got down below again my Fireman was having a moan about missing the Liner go by , I said “ not to worry , she will pass us again on the way back”. 200 miles to the States, a change of orders, after discharging the Welsh Coal the ship to clean cargo holds and to load grain in another port in the Golf of Mexico for the UK or Europort.

Yet another run back across the Atlantic , and I am getting a bit fed up with it again.

Sewells Point Norfolk. Discharging the coal, when completed we would have to move to Hamton Roads Anchorage to get the ships holds cleaned and to get Grain Feeders rigged. Crew not happy .

Discharge all finished, the Captain in a panic, the

Ch/Engineer and the 2nd Engineer had gone into town shopping, and the Cunard Ship Alsatia a 15.000 ton twin funnelled ship stopped near the berth waiting for us to move (no one holds up a Cunard Ship !,) we did. The Capt'

asked the 3rd Engineer to move the ship , and he had to refuse, as the regulations stated that the Ch/Engineer and a 2nd Engineer must be on board when a ship is working Main Engines.

After about two hours wait, the Capt' stalking about the deck like a Mad Tiger, the Ch/Engineer and 2nd Engineer arrived back not in the least concerned about the Capt' bad temper.

Now at anchor, every one calmed down, it had been decided by the Harbour Master that the Pilot on board the Alsatia had not informed Port Control his intentions. Now the crew had to get the ship ready for grain, so ship to remain at anchor until finished , which took four days. While all this going on and at the end of engineers working day , we enjoyed our all night sleep.

The 2nd Engineer had decided that the Starboard Life Boat ,(the one with an engine), needed to go into the water , so the engine could have a good run. The engine was sea water cooled, so had not been ran for a long time, so it took some starting , the very strong cross currents at the anchorage made it very uncomfortable working in the boat , so the 2nd Engineer told me to keep running the engine and climbed back up the ladder to the deck. After about 30 minutes he called down ,”leave the engine ticking over and come up.” When I got up to the deck he called me into the Chiefs Cabin Office, and said,” we want you to take the boat for a good run , have arranged for a Cadet Officer and a Seaman to man the boat and the Galley is packing some food to take, when you go”.

I thought this will be fun, I had misgivings when I saw that the Cadet was the one from Belfast.(my gut feeling as always right).

Brian (M0BRB)

THE SOUTH MOLTON OLDE ENGLISH FAYRE SPECIAL EVENT STATION

The South Molton Olde English Fayre dates back to the 12th Century when Lord of the Manor Nicholas Fitz Martyn obtained a charter to hold a fair. Since that date, the Fayre has continued through the centuries being confirmed by Royal Charter in 1590 by Queen Elizabeth I that stated a Fayre can be held annually during the months of June and August. Charles II proclaimed a further Charter for the Fayre in 1684.

Today, the Fayre is held in mid-June with the primary activities taking place over the third weekend of the month. The Saturday sees the Market town of South Molton closed to traffic to allow festivities to be held throughout the day.

Thanks to the efforts of Helen (G0EOA) and Fred (G0EOB), our Club was invited to attend the Fayre and help bring the wonders of amateur radio to the visitors. On the day, the weather was quite atrocious - lots of rain - and it was necessary to start early - about 8am - in order to set up by a tent on the island in the middle of the square. The tent was open to the public at the front and the station was set up in the tent using a portable PSU and the Tarheel antenna which was mounted on Fred's Land Rover parked behind the tent. Several contacts were made from all over the country and also a few from Europe. Many thanks to John (M0JKL) who came and helped with the logging etc. The station was visited by Ian (G4RVG) who kindly provided the following photo.



Operation was at times difficult with the background QRM but despite there not being as many visitors because of the bad weather, it was felt that the operation was a success. The Fayre Committee were pleased with the Club's attendance and hoped that we could attend again in future. A teacher from the comprehensive school asked about the station and hoped that maybe at a later date we may be able to arrange to go and show some of their pupils, what amateur radio is about. Many thanks to Helen, Fred and John for all their hard work in setting up the station and coping with the adverse weather conditions.

OLYMPIC FLAME VISITS OUR COFFEE MORNING IN BARNSTAPLE



A surprise visit to the coffee Tuesday morning was the bearer of the Olympic Flame in Barnstaple. A chance to hold the Flame and in turn, for members to help with personal donations to the preferred Charity.

WORDSEARCH BY HELEN (G0EOA)

Try to find the following words with in following grid :

Ponies, Sailing, Museum, Fishing, Adventures, Cycling, Stags, Woodland, Gorse, Riding, Beast

C	S	F	M	U	S	E	U	M	A
B	Y	T	I	X	B	V	N	N	D
W	F	C	A	S	R	E	D	B	V
O	C	P	L	G	H	W	A	R	E
O	G	R	O	I	S	I	J	S	N
D	W	O	I	N	N	K	N	U	T
L	G	F	R	D	I	G	M	G	U
A	Y	B	U	S	I	E	M	N	R
N	B	G	I	I	E	N	S	W	E
D	S	A	I	L	I	N	G	T	S

Well that's it for this month - enjoy the read and **PLEASE** let me have any articles etc for inclusion in the Newsletter.

Best 73s Terry (G4CHD)