



## 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

President	John Jeffers	G0UNB	
Chairman	Terry Adams	G4CHD	
Vice Chairman	Dave Lawrence	G0PGK	
Secretary	Brian Jewell	M0BRB	01237 473251 Email: <a href="mailto:brian.jewell@ic24.net">brian.jewell@ic24.net</a>
Treasurer	Laurence Soutter	G4XHK	
Committee	Dave Brierley	G3YGJ	
	Mike Hammond	G3PGA	
	John Lovell	M0JKL	
Co opted	Graham Bailey	G1ZTJ	
QSL Manager	Don Roomes	G0RQL	
Web Master	Ken Sharman	G7VJA	
Editor	Terry Adams	G4CHD	

October, 2012

#### EDITORIAL

Welcome to another 5&9 Newsletter -

This month's talk is by Dave (2E0CNB) who joined us this year and will be giving a fascinating talk on Radio Astronomy which is Dave's main interest. Unfortunately I cannot attend due to other commitments which is most upsetting! So come along and be royally entertained and maybe it will give you an appetite to try Radio Astronomy.



Most of you will have already received an e mail from me requesting a volunteer for the Club QSL Manager's job. This arises as a result of Don (G0RQL) wishing to step down as soon as possible after doing sterling service for the Club in handling our QSL cards. Many thanks Don. A member has come forward to possibly take over the job but will confirm if and when it is all signed and sealed.

Please don't forget our local Holsworthy Rally on Sunday, November 4th - it is important for these Rallies to be well supported if they are to continue. They are a great meeting place - hope to see many of you there.

Also get prepared for the November Meeting - the Bring and Buy - a wonderful opportunity to get rid or pick up a bargain - more details in next monty's 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)

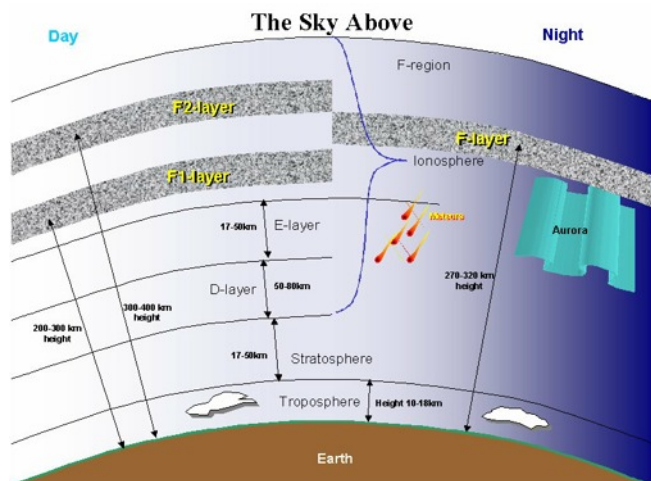
Oct 15th	Radio Astronomy by Dave (2E0CNB)
Nov 4th	<b>Holsworthy Radio Rally</b>
Nov 19th	Bring & Buy
Dec 10th	Club Christmas Party
Jan 21st	Erecting & Installing a Hex Beam by John (M0JKL)
Feb 18th	Introduction to Software Defined Radio (SDR) by Dave (2E0CNB)
Mch 18th	AGM
Apl 10/11	G100RSGB Special Event Station at Laurence (G4XHK) qth
Apl 15th	Integrated Data Logging for RAYNET by Steve (G6SQX)

## REPORT ON THE SEPTEMBER MEETING

### BACK TO BASICS - HF PROPAGATION

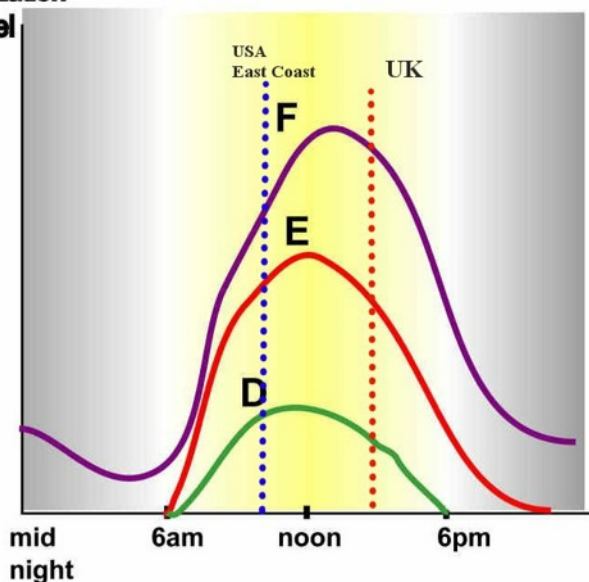
by Terry (G4CHD)

The Club talk this month was by Terry G4CHD on the subject of Propagation, a mystery to most of us but certainly less so after his excellent talk.



Terry began by describing the various layers surrounding the Earth and how they were effected by the radiation from the Sun. How the various atoms were altered by the sun's radiation to give the conditions required for best propagation. Let's all hope that we get some of that soon. The PowerPoint slides were extremely interesting and very well presented.

### Ionization Level



All in all a very interesting talk with this writer learning more during it than at any other time.

Thank you Terry.

Mike (G3PGA)

## 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  $\pm$  qrm

Slow Morse: Run by Dave (G3YGI) 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.

Terry (G4CHD)

					6			1
5				3		8	9	
	4			8			2	
9					3			
4		6				5	8	
			9			7		
		4		7				5
6		8		1		2		
	5		4					

## CROSSWORD

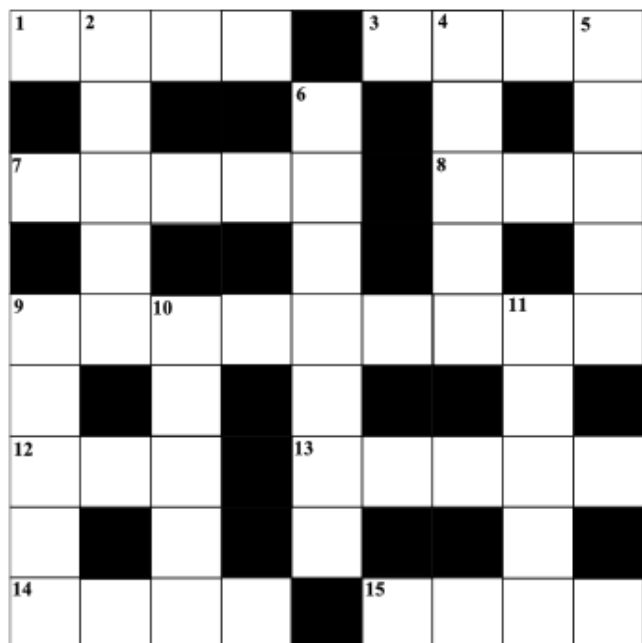
This month's Crossword by Stuart (M1FWD).  
The answers will be published in the next month's Newsletter. Good luck !

### Clues Across

- 1) Add 'stat' to get an instrument used to control a current by varying the resistance (4)
- 3) A complete circuit for a current (4)
- 7) In JA land, a practitioner of the martial art of ninjutsu (5)
- 8) A small amount (3)
- 9) LY country (9)
- 12) Alcoholic spirit flavoured with juniper berries (3)
- 13) River which forms most of the border between Devon and Cornwall (5)
- 14) A loading inductor in an aerial (4)
- 15) A satellite of any planet (4)

### Clues Down

- 2) HH island (5)
- 4) Frequently (5)
- 5) A city in northern Italy, the setting for much of the action in Shakespeare's *The Taming Of The Shrew* (5)
- 6) YJ island (7)
- 9) Some diodes emit this (5)
- 10) A3 island (5)
- 11) US state, capital city Boise (5)



### Last month's answers :-

**Across** 1) grid 3) frog 7) Orion 8) ein 9) opt 10) fez  
11) low 13) hum 14) amigo 15) data 16) Beta

**Down** 1) Greenland 2) iron 4) Reno 5) Guatemala  
6) Liberia 12) watt 13) hole

## MY FIRST SHIP (Part 11) - by Brian (M0BRB)

Before we left Glasgow, Dave said that we should buy enough Talcum Powder to last the next trip , so we both went shopping at Boots , we decided on buying Johnson Baby Powder, the young girl shop assistance gave both Dave and Me a very funny look when we said that we needed about ten containers each , so we told her that we had a lot of Kids., trouble was that a lot of female shoppers heard what we said , we left the shop , feeling that we were about to be set on by a lot of angry women .

The other thing, was because of the new regulations for ships using the Suez Canal and the Panama Canal , that there had to be a repeater RPM Taco in the wheelhouse for the Pilots use when in convoy ( up to that time , on a steam engine the engineer had to count the rpm against the engine room Clock)..

So the Ship Yard fitted a large dial Taco in the engine room at the control platform and the repeater on the bridge , all ran from the shaft running from the engine linked to a small electric motor by a small chain . As soon as we had cleared the Clyde the Chief came down in my watch and said " that I was to disconnect the repeater on the bridge", when I said " it could not be disconnected while the shaft was turning", he went up to his cabin in a very bad mood.( the old Chief Engineers at that time just did not like the bridge staff knowing what was going on in the engine room). In spite of the new regulations .

Anyway, we did get to the States , in spite of the old 2<sup>nd</sup> Engineers efforts to break every thing , and the Chief getting used to the Ex/Taco on the bridge. Loaded the coal at Sewells Point , and now on our way to Japan via the Panama Canal , at long last. Two passengers on board," Pidgins "both landed on board together as the ship steaming South , well out side of the Bahamas heading for the Windward Passage which will take the ship between Cuba and Haiti into the Caribbean Sea. While the ship steaming South , both of the birds took off twice a day and flew around the ship , then land back on board for the night fed and watered by the crew , until the ship turned East , then both birds took off flew around in large circles then carried on Southwards, so they knew where they were going, may be better then our navigator (unfair, because the old guy was good at his job) first stop Colon east side of Panama Canal, to top up our Fuel Tanks and wait to form up with the westbound Convoy. So a 24 hour stopover. The DIRTY DOG HOUSE SALOON BAR.

Well known to all sailors all over the world. Batwing doors and Spit and Sawdust Bar ,with Tiled Floor with Gutter Ways so the bar could be hosed down , so when someone shouted "Feet", all put feet up on the Tables , the Bar Counter was about 30 Ft long so when one shouted for "Beer", the bottle would come sliding down the counter at a rate of knots , providing some other guy allowed the bottle to pass. Here we had a mix up with some seaman from a Chilean Navel Unit also going through the canal, for a time it looked like it was going to turn nasty , as we were out numbered by about 4 to 1 , we were saved by some Yank seaman from two US Warships also going from East to West , and some US Marines stationed in the canal zone . When things had settled down, we started drinking with the seaman and the marines, we had to explain to them , that as we had spent most of our dollars in the last port . we could



not buy to many drinks for them, One of the marines said “that’s ok buddy, you Limeys have never got any money , but what to hell, who cares”. So we all got drunk together, in so doing , we kept that special relationship that our PM talks about at the right level. I might add here , that both of our navies were very good at that. Next day started to form up in convoy to go though the canal, and the 5<sup>th</sup> Engineer had missed the ship, which meant more work for the watch keepers. When I took over the 8 to 12 watch , we had been moving along for about one hour , had to dash around a bit quick to get engine room to near normal , with the old 2<sup>nd</sup> remaining on the engineer controls, my 6<sup>th</sup> Engineer Dan the Twig big help here keeping his eye on the stoke hold. The 2<sup>nd</sup> Engineer was doing his best to get a way from the control platform ( he wanted his breakfast) but he knew that he or the Chief should be in the engine room when working main engines , the Chief came down at 0900 to let the 2<sup>nd</sup> go up , then let me have ago at the engine controls as we were only going in headway at slow or half speed with minor adjustments to RPM , now the new Tacho proved its worth. The Chief got comfy on the engine room chair and remained seated most of the watch , so I had to depend on Dan to look after rest of engine room and boiler room , also big help that number one Donkey Man on duty in engine room , I did feel , that the Chief was watching me all the time , checking my reactions to the Bridge/Engine Room Telegraph Commands. And how quick on the control wheel I was, apart from that I enjoyed myself on the control platform. After having had my lunch , had to go back down again to let the 3<sup>rd</sup> Engineer have his , with him for two hours , then 2<sup>nd</sup> Engineer arrived todo some extra time with the 3<sup>rd</sup> . then I was told to go to the Bridge to check on a steering Tele – Motor defect , so now I was able to have a good look around as we went through the canal. Passing through about three Lakes half way along the canal , much Marine Bird life of all descriptions and a large flock of “ Pelican “ one was reported to land on the aft main deck , and it was said that one of the deck crew had pointed out that it was difficult to tell which was which between the Bird and the 2<sup>nd</sup> Engineer. Arrived at Panama City and moored alongside a Quay to await the return of our missing 5<sup>th</sup> Engineer.

Brian (M0BRB)

## **ARLINGTON COURT SPECIAL EVENT STATION REPORT**

Many thanks to Mike (G3PGA) for his hard work in preparing for this event, and of course many thanks to those members who came out to give a helping hand in erecting and operating the station. Also a big thankyou to Jim (M3VJM) for the following excellent photos which capture better than I can say in words, the spirit of the day. We made 56 phone plus psk contacts on the day with the emphasis on UK contacts. The day did not start quite as planned with a problem with the station microphone which turned out to be simply a switch in the wrong place.



The Club was also delighted to welcome Martin Sables (G7NTY) and his wife to the station (Martin is the RSGB Deputy Regional Manager for Devon and has been giving the Club valuable assistance in liasing with the RSGB concerning our Club Constitution and attendance and membership of anyone under 18.





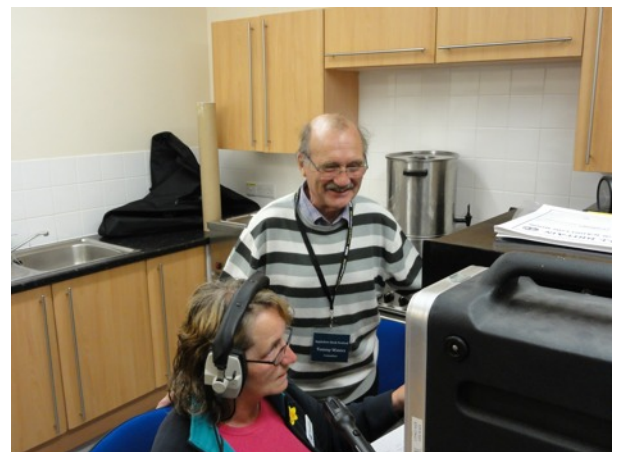


### **APPLEDORE BOOK FESTIVAL SPECIAL EVENT STATION REPORT**

Conditions were much better than last year and almost 50 contacts were made, mainly in the UK but 5 were made into Europe. The Club were pleased to welcome an elderly amateur from Dorset to the station who was very interested in our activity as well as Tom, the organiser of peripheral events. However, the general interest in the station was a bit disappointing but did not stop members attending to have an enjoyable time.

Many thanks as always to those who did help out without which such activities could not operate.

The following photos by myself again perhaps help to illustrate the activities on the day.





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)

