



FIVE AND NINE PLUS

THE OFFICIAL NEWSLETTER
OF THE
APPLEDORE AND DISTRICT
AMATEUR RADIO CLUB

Club Callsigns: G2FKO and GX2FKO
Web Site : www.adarc.co.uk

CLUB'S OFFICERS

President	Terry Adams	G4CHD	Committee	Dave Cottle	G4XWQ
Chairman	John Lovell	G3JKL		Mike Wogden	G4KXQ
Vice Chairman	Steve Smith	G6SQX		Alan Fisher	2E0EUZ
Secretary	Alan Fisher	2E0EUZ		Graham Bailey	G1ZTJ
Treasurer	Ray Hunter	M0TLO		Keith Luxton	G0AYM
			QSL Manager	John Lovell	G3JKL
			Web Master	John Lovell	G3JKL
			Exam Secretary	John Lovell	G3JKL
			Editor	Terry Adams	G4CHD
					terrywho35@gmail.com

May 2019

EDITORIAL

This month's Meeting on **May 20th** has had to be **hastily rearranged** owing to Alan (2E0EUZ) being unable to give his talk for personal reasons. Hopefully Alan's talk can be rescheduled to later in the Club's year. Instead your Committee thought that in the circumstances a general **Natter Night combined with a Bring & Buy** would be a good idea and enjoyed by members. Next month John (G3JKL) will host a Quiz Show - 2 teams - hands on buzzers!! Should be fun. You will also have already received an email from me giving the sad news that **Dave (G3YGJ) is now Silent Key** and that his son Keith has asked Dave (G4XWQ) to dispose of his radio gear. I believe Dave will be bringing some to the Club particularly to complete any phone transactions already made.



Just a final reminder to those still yet to do so, that the end of May is the dead line for paying your membership fees.
Terry (G4CHD)

CLUB MEETINGS

Meetings are held at the Appledore Football Social Club starting at 7.30pm for 8.00pm. Visitors are always welcome.

For further information, contact the acting Secretary, Alan (2E0EUZ) - see above panel for contact details.

May 20 th	Natter Night/Bring & Buy- Alan's talk postponed
June 17 th	Radio Related Quiz - 2 teams by John (G3JKL)
July 15 th	Summer Bring & Buy
Aug 19 th	Summer Natter Night
Sept 16 th	Club Open Meeting - Topic and speaker TBA
Oct 21 st	DMR by Mike (G4KXQ)
Nov 18 th	Winter Bring & Buy
Dec 16 th	Club Christmas Party
Jan 20 th	TBA
Feb 17 th	TBA
Mch 23 rd	Club AGM
Apl 20 th	TBA

DAVE (G3YGJ) SILENT KEY

As most of you will have heard via an earlier email, Dave sadly passed away last Wednesday. Dave was a long standing member of the Club who was an enthusiastic CW operator which he promoted through slow morse sessions. He always had a twinkle in his eye and proud of his Northern heritage. His humour and enthusiasm will be sadly missed but he will remain in our hearts and minds. Our thoughts and condolences go to his family at this very difficult time.



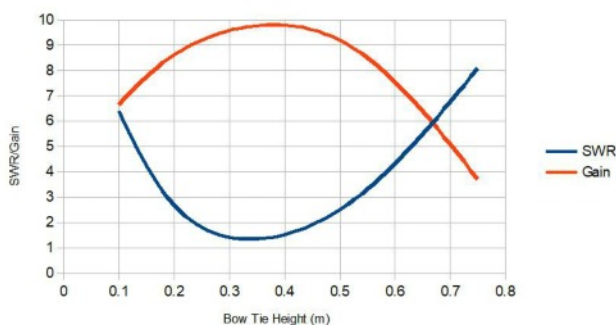
REPORT ON THE APRIL MEETING

Rectangular Loop Antenna with a Twist

by Terry (G4CHD)



Starting from the basic dipole and high voltages at its ends leading to coronal discharge, the Quad Loop antenna evolved from a religious station high up in the Andes. This full wave Quad was analysed using MMANA as was then the 2 wavelength Quad. The high SWR was then addressed by distorting the Quad to a rectangular in phase and finally to bring opposite antenna side currents in phase, one was twisted through 180 degs.



This final design was optimised for best SWR/Gain using MMANA and finally demonstrated on 2m with a contact with John (G3JKL) at his home QTH as he was unable to attend the Meeting due to being unwell. Members present appeared to enjoy the talk which I have to say I thoroughly enjoyed preparing and presenting.

Terry (G4CHD)

LOCAL SKEDS

- Zepp Net:** Mon/Tues/Thurs : 145.450MHz - 4pm
Wed via GB3DN - 4pm
- 2m Net:** Mon/Tues/Wed : 145.450MHz
10.45 - 12.00 noon
- Friday Night 2m Net:** Friday : 145.450 FM, 8 - 9pm (NEW)

- 6m/2m Net:** Has now moved to 145.475MHz
Wednesday, 8 - 9pm until conditions improve on 6m
- HF Net:** Friday at 3pm 7.134 MHz ± qrm
If conditions poor - 145.450 MHz
- 70cm Net:** Sunday, via GB3ND, 11am - noon
Available on Echolink node 221334
- Top Band Net:** Sunday 1.860 MHz
(LSB - 32W pep max) 9.30 - 10.15am
Contact Dave (G4XWQ) for details

LOCAL REPEATERS

- 70cm Handy Cross Repeater/Echolink (#221334) Gateway (GB3ND)**
User: Listen 433.35 MHz– Transmit 434.95 MHz
Access 1750 Hz Tone (Timeout 4.25 mins)/ 77 Hz CTCSS
Repeater keeper is Jeff (G4SOF)
- 2m Stibb Cross Repeater (GB3DN)**
<http://www.g0rql.co.uk/gb3dn.htm>
User: Listen 145.6375 MHz - Transmit 145.0375 MHz.
Access 1750 Hz Tone or 77 Hz CTCSS
Repeater keeper is Tony (G1BHM)
- 70cm Twitchen (nr South Molton) Analogue Repeater (GB3SF)**
User: Listen 430.9375 MHz - Transmit 438.5375 MHz
Access 77Hz CTCSS
Repeater keeper is Steve (G6SQX)
- APRS Digipeater (MB7VE)**
Frequency 144.800 MHz
Repeater keeper is Steve (G6SQX)

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
Terry (G4CHD)

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

CROSSWORD

Many thanks to Stuart (M1FWD) for this month's Crossword.

The answers are in next month's Newsletter.
Good luck !



Sorry that's all I can manage this month - Enjoy the Newsletter

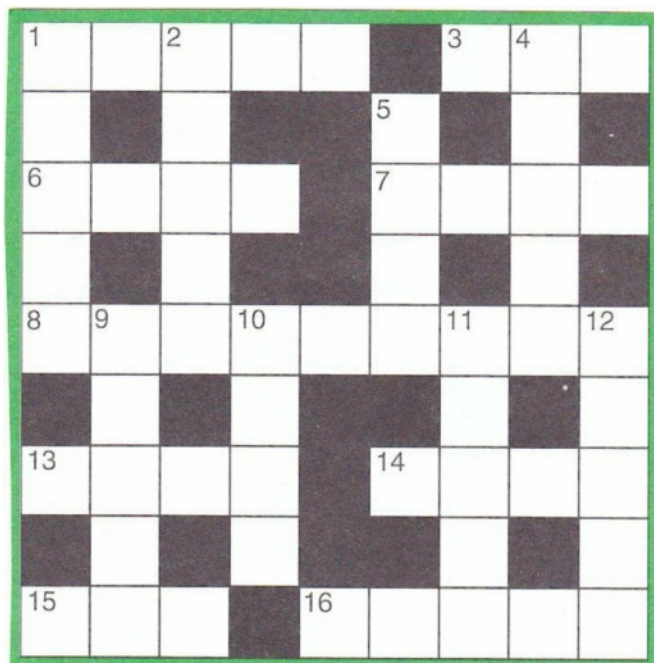
Terry (G4CHD)

CLUES ACROSS

- 1) Popular dance in Papa Yankee (PY) land (5)
- 3) Nocturnal mammal of the order Chiroptera (3)
- 6) The ninth letter of the Sierra Victor (SV) land alphabet (4)
- 7) The 34th largest U.S. state by area (4)
- 8) Talkative, especially on trivial matters (9)
- 13) Restrain (4)
- 14) Dam built across a river to regulate its flow (4)
- 15) A capacity ? will reduce the amount of inductance necessary to resonate an aerial (3)
- 16) The last letter of the Sierra Victor (SV) land alphabet (5)

CLUES DOWN

- 1) Move with a curving motion – for example, a pendulum (5)
- 2) A measuring device (5)
- 4) Goodbye (5)
- 5) Used to convert low voltage to high voltage (4)
- 9) Island off the coast of Yankee Victor (YV) land (5)
- 10) Hinged rods supporting the fabric of an umbrella (4)
- 11) Overweight, corpulent (5)
- 12) Yankee Kilo (YK) land (5)



Last month's answers :-

ANSWERS ACROSS: 1) glue 3) band 7) coyru 8) rum
9) Kerguelen 12) nut 13) diode 14) also 15) derv

ANSWERS DOWN: 2) Leone 4) April 5) Damon 6)
Burundi 9) Kenya 10) rates 11) eider