



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

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Chairman John Lovell G3JKL
Vice Chairman Steve Smith G6SQX
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September 2019

EDITORIAL

Welcome to another 5&9 Newsletter.
This month's Meeting is on **Monday, September 16th** and is our **Club Annual Open Meeting** to which family and friends are most welcome. This meeting has a non radio theme and this year I'm pleased to announce that **Frank Starkey, a retired Deputy Headmaster of Bideford School**, will be giving a fascinating talk on **'Amusing Moments in a Teaching Career'**. Frank has a dry northern sense of humour and so the evening promises to be most enjoyable and not one to miss. So I look forward to seeing many members and family/friends for a great evening.



Enjoy the Newsletter. Terry (G4CHD)

BRIAN (M0BRB) SK SALE OF RADIO GEAR

Many thanks to Mike (G3PGA) who has offered to collect and sell Brian's radio gear. You should already have but just in case, the list of gear for sale is as follows :-

Item	Price (£)
Icom Dual Band VHF/UHF Model E-208	160
Elecraft K3 HF Radio	750
Yaesu FT-450 HF Radio	450
Palstar ATU Model AT1K	225
Kenwood ATU Model AT-230	125
ATU (Make Unknown)	50
Weltz SWR.Pwr Meter Model SP-200	50
MFJ Aerial Switch Model MFJ-1700B	50
Kent Morse Key No1	50

Kent Morse Key No 2	50
Early Kent Morse Key ???	50
Vibrofex Chrome Morse Key	100
PSU by Lowe Model EP-925	100
PSU by Zurich Model DPS 2512M	100
15 inch Computer Monitor with Cables	20
1 kW Dummy Load	50
2 way Antenna Switch (259s)	10
Assorted Patch Leads & Items	

Contact Mike on 01271 321370 or g3pgamike@gmail.com
Mike is happy to bring any purchases to the Club Meeting.

CLUB MEETINGS

Meetings are held at the Appledore Football Social Club starting at 7.30pm for 8.00pm. Visitors always welcome. For further information, contact the Secretary, Alan (2E0EUZ) - see above panel for contact details.

Sept 16 th	Open Meeting - Amusing Moments in a Teaching Career by Frank Starkey
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
Mar 23 rd	Club AGM
Apr 20 th	TBA

REPORT ON THE AUGUST MEETING

Natter Night/Bring & Buy

A good attendance by members ensured that the evening was both very enjoyable and an opportunity for bargains to be had and gear to be sold. A good natter is always a pleasant way to spend a Summer's evening and to catch up on what's new etc.

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

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)

CROSSWORD

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

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

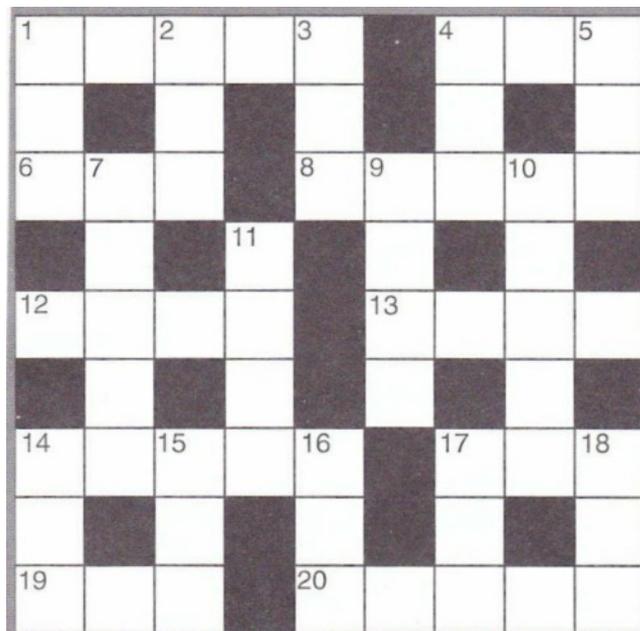


CLUES ACROSS

- 1) The rate of energy output (5)
- 4) Obese (3)
- 6) Type of metal (3)
- 8) An ? contact is a non-rectifying electrical junction (5)
- 12) The third-longest river in Sierra Papa (SP) land (4)
- 13) Capital city of the French Auvergne-Rhone-Alpes region (4)
- 14) Flavoursome (5)
- 17) Fitness centre (3)
- 19) Alcoholic spirit flavoured with juniper berries (3)
- 20) Sound, especially when recorded , transmitted or reproduced (5)

CLUES DOWN

- 1) Plant container (3)
- 2) Be victorious (3)
- 3) Seaside city in Papa Yankee (PY) land (3)
- 4) Used as a form of address to a close friend (3)
- 5) Habitual spasmodic contraction of the muscles (3)
- 7) Victor Uniform (VU) land (5)
- 9) ? wave dipole, a popular radio aerial (4)
- 10) ? Coast, Tango Uniform (TU) land (5)
- 11) Run at a moderate pace (4)
- 14) Label (3)
- 15) The star round which Earth orbits (3)
- 16) Archaic form of 'yes' (3)
- 17) Deity (3)
- 18) Characteristic vocal sound of cattle (3)



Last month's answers :-

ANSWERS ACROSS: 1) Montana 6) chew 8) pace 11) roger 12) Ebro 14) plot 15) Latvian

ANSWERS DOWN: 2) now 3) amp 4) October 5) repeats 7) error 9) April 10) ago 13) out 14) phi

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**

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

Terry (G4CHD)

A TRIBUTE TO BRIAN (M0BRB) SK



As reported in last month's Newsletter, Brian sadly passed away in the early hours of Wednesday, Aug 7th in Fremington Manor Care Home. There were many Club members at the Crematorium for Brian's funeral on Thursday, August 22nd who formed a 'Guard of Honour' as a final mark of respect to Brian.

Brian was an enthusiastic Club member who was always eager to help the Club and members in a host of ways.

Looking back through old copies of the Newsletter, the earliest one I could find was dated November 2001 which I have included the front page of at the end of this Newsletter as I'm sure it will bring back memories for some members.



In November 2001 I became Acting Editor with Brian being the Club Secretary. I'm not sure when Brian became Secretary but in 2013 Brian finally stepped down after 12 or more years of sterling service to the Club and handed over to Alan. It was also fitting that in that year Brian was



awarded the Jim McFee Cup for *'all the hard work and time given by Brian over and above his Secretarial duties, to running the Zepp Nets, organising examinations, and many other activities that Brian is too modest to mention'*. The cup was awarded by the then President John (G0UNB) who is also now sadly a SK. Many members will have their own memories of Brian and have cause in many ways to be grateful to Brian for all the help that he gave them. The following link provided by Dave (2E0IXX) will enable members to read Brian's memoirs of his life at sea :-

<https://documentcloud.adobe.com/link/track?uri=urn%3Aaa-id%3Aascds%3AUS%3A9d985a9c-7ec6-4cf7-8fbc-1967d51d198d>

After Brian's funeral, Brian's xyl Mary gave permission to reproduce the Tribute read out at the funeral which gives a wonderful summary of Brian's full and interesting life :-

Brian was born on 11th October 1933 in Bideford. The death of his mother, when he was just 18 months old meant a move to Northam, where he was brought up by one of his Great-Aunts. Brian had an elder brother, Tommy, but he bought one of the £10 tickets to Australia in the 1950's, and never returned to England. He passed away a few years ago. Brian went to the local School in Northam, and due to a change in the law, when the school leaving age was raised

to fifteen, he was forced to attend Bideford School for a few months until he reached the necessary age.

He then went to Appledore Docks to serve an apprenticeship as a Marine Engineer and from there he entered the Merchant Navy, serving on deep water duties. Leaving after three years instead of the usual five, the Merchant Navy kept him on their books as was often the case in those days.

Brian's career at sea spanned a further forty years and he worked on various ships – notably dredgers.

He served time with the Reardon-Smith Line, working out of South Wales – the founder of the line, William Reardon-Smith was born in Appledore.

He moved on to sail with Woolaways sand dredgers – the Stan Woolaway, the Ron Woolaway and numerous others. From here he went on to Hansen's Shipping based off the South Coast of England. He was sometimes called on to travel to the continent to Belgium or France.

The nature of his work meant that Brian usually spent two weeks at sea, and two weeks at home, but this sometimes changed when fellow crew wanted holidays – then it could mean three weeks or more away at sea in one trip.

For many years there were confusing planners hanging in Mary's kitchen showing Brian's itinerary!

He would often laugh, when, during his weeks at home in Bideford, someone would come up to him and say "Hello Brian, when are you going back" - "Give me chance, I've only just got here" he would reply!

Brian first met Mary during his very short stay at Bideford School – but they were both keen swimmers and often found themselves at The Patio Swimming Pool in Westward Ho! Friendship developed, courting began, and they were married at St. Mary's Church in Bideford, going on have four wonderful children - Chris, Linda, Steven and David and to celebrate their 65th anniversary just days before Brian was admitted to Hospital.

Brian and Mary would go away for family holidays in cottages around England and later they ventured to Hong Kong and Thailand. They enjoyed coach trips – - the Cosmos tours of Europe - 20 cities in 20 days which left them confused as to which Cathedral belonged where and which monument stood in which city!

Being away from home so often made it difficult for Brian to join teams for leisurely activities so he took up radios and became a very keen Radio ham

He made a wide circle of friends and was could always be found tapping out morse code or chatting to all his fellow enthusiasts all over the world.

A kind man, generous to a fault – if Mary mentioned she had seen something in a jewelry shop he would tell her to get it.

A Devon man through and through – a man worthy of remembrance.

Finally, Colin (G0XCF) kindly sent me a tape of his memories of Brian, in which Colin recalls :-

I first met Brian back in the late 1970s and with both of us having been in the Merchant Navy - deep sea - a very close and lasting friendship was born. We both knew Fred Hutchings, a radio & TV repairer in Bideford and would

visit Fred and have our ears bombarded by his radio organ so we gave him the nickname of Captain Nemo! We were all interested in short wave listening even though I had a 'B' License which I got back in 1969 when I lived in Cornwall but not used for some time. Fred had all the latest equipment and helped us build antennas etc. and develop our interest in radio.

When CB came along, Brian and I would chat regularly and visit each other's qth. However Fred suggested that if we wanted to be 'real radio amateurs' we would need to get our transmitting licenses. Brian was very interested in doing this and I thought it a good idea for me to do it all again with him. So we started going to the Appledore Radio Club Meetings and lessons at the Bideford College. We were helped by Dennis Kitchen (G0FCL) who later became Club President and sadly went SK in 2001. Brian and I worked really hard at getting the 'B' license and having both passed, decided to study cw to get our full licenses. We were greatly helped by Albert (G0PBC) who went SK in 2015 and Brian would visit him every Saturday morning and since I was working then, I would visit every Saturday afternoon. Finally Dave (G3YGJ) who went SK earlier this year, got us up to speed and we eventually got our full licenses. I tried really hard to convert Brian to a paddle key but he was adamant and stuck to his straight key which he said he could thump away happily with! Brian went on to become an active member of FISTS.

Brian and I at that time used to have a sked at 4pm every weekday on 2m and with our common interest in Zepp Antennas, it was logical to call it the Zepp Net which we still have to this day.

Brian's was a Relief Engineer on the Oldenburg and after contacting John Hopkins, it was agreed that /MM could be activated on the Oldenburg. So one Sunday morning, Brian, Mike (G4NCU) and myself set up the antennas once permission had been given and used the Captain's cabin to set up the gear. We crossed the Bar in 'lumpy conditions' which wasn't a problem for Brian and myself being seamen but Mike coped well with the sea conditions. I have some photos somewhere of the 3 of us that day.

Brian's enthusiasm was infectious and he always gave 110%. However his handwriting was something else and even I found it difficult to decipher! In all the years I knew Brian he never ever lost his temper and was so calm and easy going - a wonderful guy. Even after Brian retired and I continued working, we remained very close and Brian helped me a lot at a time when I was poorly. Indeed I still have erected in my garden an antenna that Brian helped put up. Brian's view on tightening bolts was - the tighter the better! You just need a bigger hammer to undo them with!

PTRX-7300 PANAROMA ADAPTOR

Many thanks to Phil (G0BVD) for the following :-

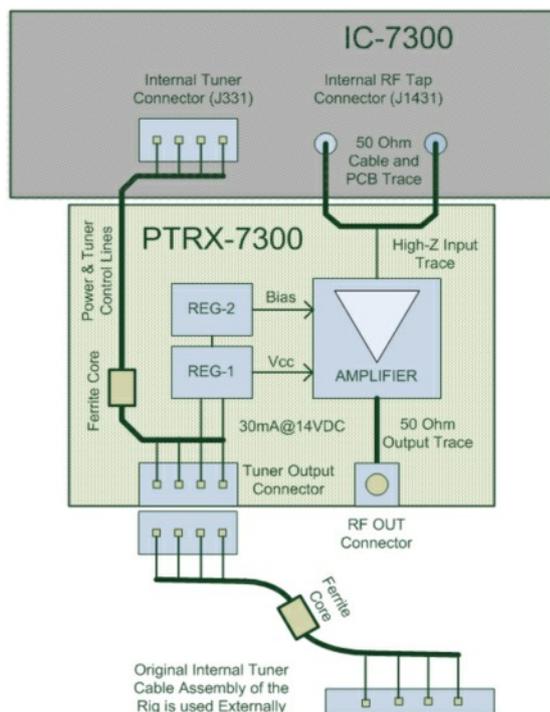
As a follow on from my recent talk, this recent adaptor promises to be well worth waiting for - indeed the first batch sold out very quickly!

The following description is from QRZNOW :-

A panorama adapter for the IC-7300? What's the point, you might ask, the IC-7300 has such a nice spectrum and waterfall display? Right, but unfortunately the IC-7300 has no output for an external display. The PTRX-7300 provides something even better: an IF output to which you can connect any SDR receiver. So the remote control of the IC-7300 gets a completely new dimension.

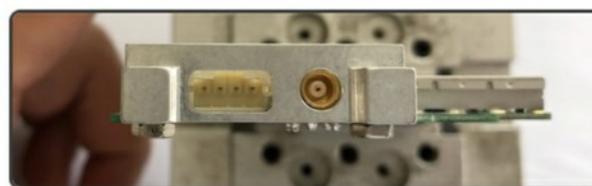
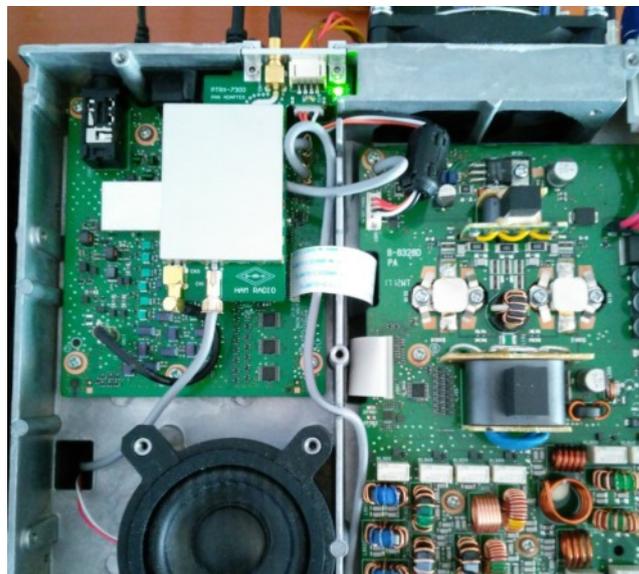
The PTRX-7300 extends each IC-7300 by an IF output. This output allows you to connect a second receiver (SDR) parallel to the IC-7300 and display its spectrum on a large PC screen. The advantage: The Icom's preamplifier and prefilter are used twice, and the transceiver automatically switches between transmit and receive. The RX of the 7300 is not affected because the adaptor uses precise impedance matching of the receive signal. And the best thing is: This pan adaptor is very easy to install and, if necessary, just as easy to remove. Nothing is permanently modified on the transceiver, soldering is not necessary. All cables needed for the installation are included, the installation is described in detail and with pictures.

Other solutions to add an RX output to a transceiver simply pick up the signal without worrying about impedance adjustments. Usually a simple power splitter is used. This attenuates the level of the received signal by up to 3 dB. Not so with the PTRX-7300! Due to the careful design of the circuit, the tap of the IF signal is high-impedance and therefore does not load the receiver of the IC-7300 at all, the receive level remains the same. And in the case of transmission, the attenuation is high, typically better than 60 dB. This ensures that the connected SDR receiver cannot receive any transmit RF.



The PTRX-7300 board is professionally manufactured and equipped with high-quality components. A milled aluminium angle is used instead of the tuner socket of the IC-7300, which is routed to the outside with the supplied cables.

The additional IF output is mechanically very stable and inconspicuously fixed without having to make any permanent changes to the Icom transceiver. The RF signal is picked up and looped through via an existing plug connector on the circuit board; here, too, nothing has to be soldered. The power supply of the buffer amplifier of the PTRX-7300 is provided by the Tuner connector, which is also looped through.



The current consumption is only 30 mA, leaving enough power for the external tuner. The installation only takes a few minutes, and a dismantling without residues is possible at any time without problems.

Enjoy the Newsletter

Terry (G4CHD)



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 Affiliated to the RSGB

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November, 2001

CLUB'S OFFICERS

President	John Jeffers	G0UNB
Chairman	Dave Lawrence	G0PGK
Vice Chairman	Ken Symons	G0DLC
Secretary	Brian Jewell	M0BRB
Treasurer	Kelvin Bennet	M1CVK
Committee	Terry Adams	G4CHD
	Steve Ebbens	M1CVJ
	Colin Foley	G0XCF
	Ade Blandford	M1DBZ
Acting Editor	Terry Adams	G4CHD

Dennis Kitchen, G0FCL - Silent Key

Sadly, Dennis passed away on August 30th leaving the world a sadder place.

Dennis had been our Club President for many years and had always supported the Club in his unselfish and very professional way. I once heard someone say of Dennis that ..'if he had a fault, it was not knowing how to say no'.

Regretfully, as a relative new comer to the area, I didn't get to know Dennis as well as I would have liked but in the short time that I did know him, he showed me a warmth and enthusiasm that was catching. Indeed, I have Dennis to thank for getting me to 'volunteer' to join the Club committee!

Dennis was involved with many facets of the hobby and we are all going to miss him greatly. However, Dennis left his mark on many of us and in that way his memory will always live on.

Terry G4CHD

LOCAL SKEDS

- Slow Morse :** Thursdays, on 144.060 MHz at 1930
 Run by Mike, G4NCU.
- Zepp Net :** Weekdays, on 145.45 MHz at 1600

EDITORIAL

Regretfully, 'Ade' M1DBZ has had to relinquish the role of Editor and I'm sure everyone will join me in thanking Ade for all his hard work in the past. In the meantime, I have been asked to stand in as Acting Editor until the next AGM and hope members will bear with me whilst I get to grips with everything. Any comments/suggestions regarding the content or layout are always welcome.

The Newsletter is often the first contact any newcomer has with our Club, and so it is important that it gives a good impression. It is also the main contact with the Club for those members who cannot regularly attend Club Meetings. However, its content is dependent upon what you the members provide. So any contributions of short articles, suggested web sites to visit, news snippets etc.. are always welcome and should be sent or e mailed to me

I will try to dream up a short Technical Topic article for each issue.

Enjoy the Newsletter 73s Terry G4CHD

NEW CLUB PRESIDENT

John Jeffers (G0PGK) was proposed and seconded with a show of hands from members at the October Meeting as Club President following the untimely death of Dennis (G0FCL)