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\* THE TADPOLE \*  
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BRISTOL AMATEUR RADIO CLUB  
G3TAD  
NEWSLETTER

159th Scout Headquarters, Firtree Lane, St George, Bristol.  
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\*\*\* GREETINGS \*\*\*

First things first, A VERY HAPPY NEW YEAR to all our members & their families.

Question. What have we achieved towards the revitalisation of the Bristol Radio Amateur Club since the AGM (7-11-91)?

I am very pleased to say that Dave G4EGR's shareware evening idea was a great success. It was very rewarding to see the improvement in enthusiasm and motivation.

Many thanks to Dave for the suggestion and also for his and others support in bringing together the equipment and know how to make it such a good event.

Well done lads! I think that it would be a good idea to repeat this exercise at regular intervals. Perhaps once every month or two. What do YOU think?

What else has happened? A Technical Library has been started and continues to flourish, with the amount of publications available increasing steadily.

We have a Home Brew project starting with Printed Circuit Boards being produced. Dave, G4ZBT is the Club Project Coordinator, so if you want to know any more about the project then Dave's your man!

\*\*\* IDEAS \*\*\*

I see from the questionnaires that have been returned that there are some very good ideas floating around within the membership.

Things as diverse as Video Workshops and Photographic Displays.

Homebrew QRP Top Band Transceivers & ancillaries to 23cm & 13cm equipment.

B.A.R.C. Posters in Local Libraries and Christmas meals in February. ( Better

not publicise that last one though! )

Novice License tutoring and Bring & Buys.

All these things are worthwhile so keep them up!

\*\*\* QUESTIONNAIRES \*\*\*

What HAS happened to all those forms I so lovingly printed out and stripped the tractor feed off?

Are you all trying to make me despondent?

There are only eight of them in the file, and one of those is the one I filled in myself!

Please spare a few minutes to read and digest the questions then answer them and return the form so that we can try and get it right for everyone.

Once again, the Bristol Amateur Radio Club is YOUR club, so please do your bit to keep up the improvement that has been SO GOOD to see since the AGM.

I don't care if you are a new member, I want to know your views so get them to me!

\*\*\* LIBRARY \*\*\*

We know that Martin, G4EIA is the man to see at the club if you want to borrow any books, videos or test gear.

But did you know that we actually have a collection of shareware for the IBM PC & compatible?

Well we do, but as Martin is not a computerholic like some of us, the software is being looked after by Barry, G0CFM.

So if you want to know about the software, go and have a chin wag with Barry.

THE TADPOLE  
JANUARY 1991

\*\*\* CLUB NETS \*\*\*

There has been quite a bit of interest shown in the starting of club nets on 2 Metres, 70 cms and also Top Band.

Now in 1984, there was a net of B.A.R.C. members on Sunday nights and I used to join them quite regularly.

A lot of you will be able to remember a lot further back than that, and will recall nets on other bands as well.

With the club Top Band QRP project in mind, perhaps a 160 Metre net is the way to go once they are built.

WHAT WE NEED NOW IS VOLUNTEERS TO COORDINATE THIS BUSINESS AND START THE BALL ROLLING.

Are there any budding Net Coordinators out there?

Please don't be shy, the more volunteers we get, the less you will each have to do.

Get yourselves together, form a committee and have a go!

\*\*\* NEWSLETTER SUBMISSIONS \*\*\*

Editing a newsletter can be a joy or a frustration. The basic problem is usually what to put into it.

It would be far better if the conundrum was what to leave out!

Everyone has their best memory of Amateur Radio, or in fact of B.A.R.C. I would be very pleased to publish them for the entertainment of others.

I am particularly looking for very old recollections of the hobby before the war (39-45) and just after.

This can be gripping stuff, full of valve numbers, circuit details, etc. We could even publish a circuit diagram of the home brewed transmitter that was used.

How about it lads?

\*\*\* SUBSCRIPTIONS \*\*\*

Sorry to keep mentioning this word but in a previous document I made an error, stating that the secretary was the man to see about these arrangements.

This of course is incorrect. The treasurer is actually the man to see.

So therefore contact Our Horrible Treasurer, sorry, Honorary Treasurer. G3ZKI, Alan to his friends, (whoever they are!) who will be very glad to see those of us who have not yet paid our subs'.

Did you see the look on his face the other week when someone mentioned spending some of the clubs money?

Best laugh I've had for a long while! Pity Jeremy Beadle wasn't about though.

Alan, G3ZKI who is QTHR in the call book and if you don't manage to catch him at the club he is obtainable on Bristol 553020.

I will of course be available to relay your messages/payments as you would expect.

ADVERTS

One suggestion which came forward from the questionnaires received so far was that we run an advert section for the members.

I know from the experience of editing a newsletter for Raynet that the problem with an advert section is the lack of items sent in for publication.

What usually happens is that someone reading the newsletter that you have just given them, (hot off the printer,) will comment that they wish they had known you were going to publish it because they have half a dozen items to go in!

So come on then lads, lets have those nice juicy adverts for publication in the Tadpole.

A copy of the newsletter will be winging its way to the other clubs/groups in the area, so your add's will be hitting a far larger audience than just the BARC members.

Just think how much happier you will be when you've got rid of that equipment the wife or sweetheart calls 'junk'.

Then think about someone else's wife/sweetheart giving them earache about it instead.

Why should you have all the fun? Share it instead!

Please let me have your 'for sale's and wanted's', either over the phone or preferably in writing. That way I can get the spelling of technical terms correct.

ARTICLES FOR SALE

Jaybeam LR1-2M 2 metre colinear aerial, VGC £20 GOCCU

Volkswriter Deluxe V3 PC word processor program. £200 retail, unused & still in sealed unopened package, £60 GOCCU

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Yaesu FT690R MkII, £250, don't know any more, see Barry, G0CFM

of the ether'.

1st APRIL 1985

Zenith XT Laptop computer, twin 720K drives, Back lit LCD screen, built in modem, RS232, LPT1, monitor & bus sockets etc inc' all documentation including a workshop manual, DOS manuals etc. £350 GOCCU.

I think the worst thing that has happened was when in QSO on 144Mhz CW as part of the B licensee CW on air experiment, under a letter of variation, I contacted Alan, G4TSS, by arrangement.

ARTICLES WANTED

Everything was OK at first but then I sent him a very laborious long over at the end of which I found that I hadn't switched the 290 into transmit and he hadn't heard a single character!

Nothing reported, editor let down again!

Alan had sat there and putting two and two together and making four, had laughed his socks off!

STEP BACK INTO THE PAST

THE G1DJV/GOCCU STORY, or maybe how not to get to the light at the end of what seemed like a very long tunnel!

Well I got over this but I was amazed at the perspiration which poured off me while doing so. Talk about nerves!

December 1983

JUNE 1985

Took RAE exam, had pass slip through in January 84, sent off license application. License received February 84 but no equipment available until :-

I would rate this as the best day in amateur radio for me, as despite drinking too much the previous night, probably due to nerves, and spending most of the night in the bathroom throwing up, I passed the morse test at Longleat mobile rally.

March 1984

I remember my first QSO, I had brought home my new FT290R and I had made up the dc power lead and plugged it into a small regulated supply.

I suppose this is because it meant that it was all over, I had that "A" ticket and the goal had been reached.

There was a half wave dipole on a bracket up on the roof. This had been erected to get the neighbours used to the idea!

FINAL FINALS

Unfortunately there wasn't a plug on the end of the coax, or there wasn't any coax, I can't quite remember!

Well that's it for this issue folks, hope to have another out in a month or so. Please give me some really good news to put in it. 73, 'CCU

Anyway I had to use the built in telescopic whip. So balancing the radio on two piles of books to keep the aerial vertical, remember I was using the power supply and had a dc plug and cable stuck out of the bottom.

My first contact was Alf, G4TXW who I knew from the South Bristol Club and 27Mhz. It was good to have someone I knew for the first QSO as I found it a bit off putting with all the new things to learn.

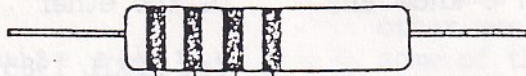
As a veteran of 11metres and also PMR bands you would think I would have been word perfect.

But of course I got it wrong and later in the day was told to use my callsign as a signature after that of the other chap, to avoid confusion!

Many thanks to John, G4TRN for that one! I also new John from other levels

# COMPONENT COLOUR CODES

## FOUR BAND RESISTORS



1st COLOUR BAND	
Black	0
Brown	1
Red	2
Orange	3
Yellow	4
Green	5
Blue	6
Violet	7
Grey	8
White	9

2nd COLOUR BAND	
Black	0
Brown	1
Red	2
Orange	3
Yellow	4
Green	5
Blue	6
Violet	7
Grey	8
White	9

3rd COLOUR BAND	
Silver	Divide by 100
Gold	Divide by 10
Black	Multiply by 1
Brown	" " 10
Red	" " 100
Orange	" " 1,000
Yellow	" " 10,000
Green	" " 100,000
Blue	" " 1,000,000

4th COLOUR BAND (Tolerance)	
Red	+ 2%
Gold	+ 5%
Silver	+ 10%
No Colour Band	+ 20%

## FIVE BAND RESISTORS



1st COLOUR BAND	
Black	0
Brown	1
Red	2
Orange	3
Yellow	4
Green	5
Blue	6
Violet	7
Grey	8
White	9

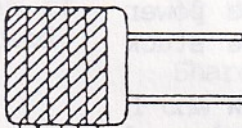
2nd COLOUR BAND	
Black	0
Brown	1
Red	2
Orange	3
Yellow	4
Green	5
Blue	6
Violet	7
Grey	8
White	9

3rd COLOUR BAND	
Black	0
Brown	1
Red	2
Orange	3
Yellow	4
Green	5
Blue	6
Violet	7
Grey	8
White	9

4th COLOUR BAND	
Silver	Divide by 100
Gold	Divide by 10
Black	Multiply by 1
Brown	" " 10
Red	" " 100
Orange	" " 1,000
Yellow	" " 10,000
Green	" " 100,000
Blue	" " 1,000,000

5th COLOUR BAND (Tolerance)	
Brown	+ 1%
Red	+ 2%
Gold	+ 5%
Silver	+ 10%
No Colour Band	+ 20%

## POLYESTER CAPACITORS



1st COLOUR BAND	
Black	0
Brown	1
Red	2
Orange	3
Yellow	4
Green	5
Blue	6
Violet	7
Grey	8
White	9

2nd COLOUR BAND	
Black	0
Brown	1
Red	2
Orange	3
Yellow	4
Green	5
Blue	6
Violet	7
Grey	8
White	9

3rd COLOUR BAND	
Orange	× 0.001 F
Yellow	× 0.01 F
Green	× 0.1 F

4th COLOUR BAND (Tolerance)	
White	+ 10%
Black	+ 20%

5th COLOUR BAND (Working Voltage)	
Red	250V dc
Yellow	400V dc