

Wirral & District Amateur Radio Club

Airwave 70.450 MHz

Volume 2, Issue 2

www.wadarc.com

May 30, 2002

Club Update

2002 Committee

Neil G4OAR

Chairman

Bob G4NCF

Treasurer

Gerry G8TRY

Secretary

Tom G4BKF

Publicity

Phil G6IIM

NARSA

Chris G0PKE

Club Library

Phil G0JSB

Golf Advisor

Meetings are held at Irby Cricket Club 2nd & 4th Wednesdays 8pm Start Visitors are always most welcome

Suggestions for Club talks or your comments on any topic .. to:-

Neil

g4oar@wadarc.com

☎ 0151 608 1377

Gerry

g8try@wadarc.com

☎ 0151 630 1393



Apologies

for the delay to this latest Newsletter. I've had a busy few weeks and just not had any spare time. Whoever said "you have a lot less time when you retire" was absolutely right! **Our 2002 Surplus Equipment Sale** will probably go down in history as one of our best ever, thanks in great part to Bob Irving GOMDA who was under domestic pressure to reduce his shack by a factor of 1000! Some very fine used equipment found new owners and I think everyone came away happy.



Thanks to Tom G4BKF as seen here moving onto the next item for auction, and also Gerry G8TRY for both keeping the audience digging ever deeper into their pockets for cash!

The New World of Digital Video Editing was presented to us by Phil G0JSB. His talk and demonstration was very impressive showing us just how the art had progressed with the aid of a reasonably fast PC and the new generation of software.

A talk on the Mersey Wind Power Generators was presented to us by Tim Bounds, Chief Engineer of MDHC. This talk captured a community interest in how our local businesses are managing the 'green' way forward. An excellent question and answers session followed.

All the New Licences were unravelled for us by Tom G4BKF. There is no doubt that the new "M3" licence has arrived with some quite radical changes, and with it, to some extent hangs the future of Amateur Radio.

"Old Wirral" by our very own local historian Glyn Parry brought us another nostalgic evening. The further Glyn goes back, the more of us appear to recognise the photo's which I really find rather disturbing!

Understanding TETRA by Dave G3UFO provided an insight of the benefits that the new European terrestrial trunk network for the Fire, Police, Ambulance and others will bring, when commissioned later this year.

And now for some other News Items. **Club Membership is UP on last year!**

We have already passed last year's membership total and hopefully there are more to come. It is also good to see the Club being supported by increased numbers of members and visitors at meetings. The **Polo Shirts** with the Club motif and your callsign are gaining popularity amongst those in the fashion wilderness! I've just picked up another batch of 4 for members so if you would like one for the first time or your old one needs replacing,, put £15.28 in my hand and I'll organise one for you asap.

WADARC has a Library of books which are now being looked after by Chris G0PKE. As a member of the Club you are welcome to borrow any of these free. I hope to print a list in the next edition of the Newsletter but in the meantime please contact Chris for details. g0pke@wadarc.com

✉ g4oar@wadarc.com

Coming Soon to Irby Cricket Club

We have arranged a **Quiz Night** on **Wed 12 June** at Irby CC with Mid Cheshire ARS, organisers of the Winsford Rally. This is their first visit to WADARC and I ask you for your support in giving them a very warm welcome.

Now the Summer is here (all we need is the weather!) it signals our change to outdoor activities which start with the **Practice DF Hunt 29th May** **Eileen Medley 26th June** and the **Revenge** on the **24th July**. **The Club BBQ** will be held on **10th July** at our HQ at Irby CC providing excellent bar facilities and shelter if required, so there are no excuses for not attending! **Mark your diaries for all these important dates.**

New Facility for WADARC Members

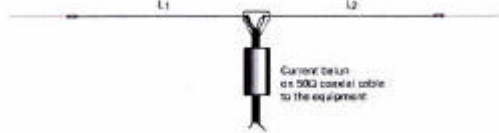
At the last Committee meeting Tom G4BKF proposed that we purchase the domain name **WADARC.COM**. It would be far less complicated for everyone to type into their browsers than our current Merseyworld address (which has served us well for many years). Another benefit was we could give all paid up members an exclusive WADARC email address. This would automatically reflect any mail to their own email ISP. It was agreed, and so now to reach our website just type www.wadarc.com into your browser. If you are a fully paid up club member, you can now pass on to all your friends your callsign@wadarc.com. Easy to remember for both you and your friends. **Thanks Tom for a great idea.** If you change your ISP details, don't forget to drop an email to Tom so he can update the reflector :-

✉ g4bkf@wadarc.com

Tech.Tip

"Summer-time is Antenna Time"

Once again it's that time of year when thoughts turn to spending a day in the garden or on the roof either adding a new antenna or repairing an old one. This year also brings many new M3's looking for an inexpensive yet efficient antenna for their 10 watts, to get them onto HF. Frankly one of the most effective, if you have the room, is the simple Half Wave Dipole. The measurements for many of the bands are set out below as a reminder:-



Half Wave Dipoles			
Frequency (MHz)	Total Length (L1 + L2)	Frequency (MHz)	Total Length (L1 + L2)
1.850	77.29m	50.100	2.85m
1.950	73.33m	51.000	2.80m
3.550	40.28m	70.250	2.03m
3.750	38.13m	144.500	0.989m
7.050	20.28m	145.000	0.986m
10.100	14.15m	431.000	0.331m
14.100	10.14m	435.000	0.328m
14.250	10.03m		
18.100	7.9m		
21.100	6.77m		
21.300	6.71m		
24.940	5.73m		
28.100	5.08m		
28.500	5.01m		
29.000	4.93m		
29.500	4.84m		

To find overall dipole length with end insulators use:
 $L1+L2 = 143 / F(\text{MHz})$

Always use the best quality coax you can afford. The current balun or choke balun as it is also known is, very effective in reducing RF from returning down the coax feeder thereby reducing all manner of EMC problems including TVI. Have lots of fun and Good DX. [✉g4oar@wadarc.com](mailto:g4oar@wadarc.com)



Support your local store

Visit ?

I have the opportunity to arrange a trip around the Hyperbaric Centre behind the BUPA Murrayfield Hospital. As the NW Emergency Recompression Unit only 10% of it's work is diving related. The visit will be a Saturday morning and will include a short lecture and a trip round the unit and mobiles. Please let me know if you are interested.

[✉g4oar@wadarc.com](mailto:g4oar@wadarc.com)

Jubilee Contest G8A

An invitation to everyone to visit a Top DX station on the outskirts of Ormskirk. Friday 7th June till Sun 9th pm Details - Steve, G0KXL

[✉g0kxl@cwcom.net](mailto:g0kxl@cwcom.net)

GB7CH

New FlexNet node online in Chester. Details from Neil

[✉g4oar@wadarc.com](mailto:g4oar@wadarc.com)

N.Wales DF 2002

The proposed date for our re-start of the North Wales DF Hunt is to be either Sunday the 8th or 15th of September. If you have a preference and would like to receive further details please send me an email asap. Many thanks..

[✉g4bkf@wadarc.com](mailto:g4bkf@wadarc.com)

The AGM Challenge

Well 2002 has started in good style. We already have **more** members than we had last year. But are still looking to increase this further so who is going to win the quality bottle of Malt ?

There is talk of some block applications, but as usual forms are being held close to the chest ! Forms available from Gerry G8TRY or our rather pale looking Chairman !



The WADARC Teaser

The earth reached it's closest point to the sun on the 2nd January at 92.5 million miles.

What is this point called ?

Correct answer from Roy G3VEB rx'd 1 day after publication, being **Perihelion** Well done Roy !

New Teaser

If you were to spell out numbers, how far would you have to go until you would find the letter A ? Answer next time ☺ Ed

Wirral & District ARC - Calendar 2002

May

- 01 D&W - The Green Lodge, Hoylake
- 08 **Dxpedition Video's - Clipperton and Peter 1st Island**
- 15 D&W - The Chimneys, Hooton
- 22 D&W - The Railway, Meols
- 29 **Practice 2m DF Hunt. Heswall Lay-by 8pm**

June

- 05 D&W - The Egremont Ferry, Wallasey
- 09 **Elvaston Castle Radio Rally**
- 12 **Quiz Night with visitors Mid Cheshire ARS**
- 19 D&W - Totty Night at the Shrewsbury Arms, Oxtou
- 26 **Eileen Medley 2m DF Hunt. Heswall Lay-by 8pm**
- 28 **Friedrichshafen Ham Radio 2002**

July

- 03 D&W - The Harp, Lower Neston
- 10 **Annual Club BBQ at Wadarc HQ, Irby Cricket Club**
- 17 D&W - The Fox & Hounds, Barnston
- 24 **Revenge 2m DF Hunt. Heswall Lay-by 8pm**
- 31 D&W - The Black Horse, Lower Heswall

We have a summer break during August, however, there will be a D&W every Wednesday. Check GB7OAR or Neil G4OAR ☎ 608 1377 for details. Visitors are always most welcome to any of our activities.

Eric & Pat Gethin in ZL

A "Dream Holiday of a Lifetime" described Eric G6HWD & wife Pat having recently returned from a 12 week trip round New Zealand.



Top photo shows Eric at the Centre of New Zealand



Eric, "look no hands" doing the Can Can at the Arrow Town Festival !



Just off the Shotover Jet boat which flies down the narrow canyon at 80kph, so relief to be back on dry land again.