We have a visitor from Wiltshire this month. Charles Riley G4JQX is an ex-Naval Surveyor. He uses an ex-military antenna so this could be an excellent talk.

MARCH MEETING

We were supposed to welcome back the RSGB deputy manager for Berkshire, Dr Alison Johnson with discussions about the RSGB in this special year for them, but she was ill so did not make it. It had been hoped that another RSGB representative could turn up but no one did.

The evening could have been a disaster but ended up very informative. So a very impromptu evening took place covering five subjects about operating. Firstly Andy G3SVD gave us two talks about Log Book of the World and Club Log. Then Kevin gave a talk about EQSL. Richard gave a talk about his way of working the DX. A brief mention was made of the Online QSL Request Service.

Below is a very brief summary of each subject:

- Log Book of the World is a web based database provided by the ARRL to verify contacts mainly for awards without the needs of QSL cards. It started in 2003.
- E QSL is a Global electronic QSL exchange. It is very fast. It is run by N5UP.
- Club Log is run by G7VJR. It is a free web-based tool mainly for producing DXCC league tables, tools for expeditions and log searches. A useful back up for one's own log.
- To work DX Richard tries to establish whether the DX station is listening on one specific channel, shifting slightly around, or just randomly moving frequency.
- OQRS is a comparatively new system enabling amateurs to order specific station's QSL cards over the internet. It usually involves Paypal to pay postage. It eliminates the need for the amateur to send one of his cards.

NEW 2M CLUB NET

Some club nets become very popular, others do not gain the same interest. Many of you may have tried the daily 2m FM club net at 19:00 and have rarely had a contact. The result is that the committee has decided to cancel that sked. However, to try and encourage more activity, a weekly 2m sked has been set up. It is on GB3NE at 20:00 every Tuesday. Bernie, M0NKS, has volunteered to be net controller.
IMPORTANT DATE FOR YOUR DIARY

All NADARS members are asked to reserve the weekend of 15th and 16th June in your diary. Sunday 16th June sees the 26th Newbury Radio Rally and we need all members to help, hopefully for the whole day, but even a couple of hours is really appreciated. Also, on Saturday 15th we will be setting up the site, so helpers are needed for this also.

None of the tasks are difficult, or require any previous knowledge or skills, and with the many things that need to be done, we need everyone to help the club for this most enjoyable rally.

Many of you have already volunteered but if we are to maintain the level of standards of past years then we still need a lot more. The success of the day is due to the attention to detail and every little bit of help really counts.

Those of you who have already offered will be contacted nearer the time by team leaders giving details of the job and the timings that we require you.

So, please offer your support. If you have any questions please contact me.

Jeremy, G4DOQ, Chairman

INTERMEDIATE COURSE – PRACTICAL AND EXAM WEEKEND

I am pleased to report all six of our candidates passed the intermediate exam on Sunday 7th April. The course was a bit worrying at the start. Ray had to cancel at the last minute and fly to the USA and also I knew my laptop would not work on PowerPoint. Andy volunteered to help thus we had enough lecturers. He also loaned his PC but it failed to start! In the end we used a candidate’s laptop - thanks Richard M6RMZ for this. We were very lucky. Also one candidate borrowed the power socket for the projector thus switching off the projector without cooling it down. Would it ever work again? Luckily it did! Also the hall management had us down for the WRONG DAY! Luckily I always check and they were free on the weekend.

One candidate could not attend due to illness. We hope to hold a special session for him soon.

Thanks to Andy G3SVD for volunteering to help at the last minute. This was much appreciated and saved the day. Thanks to Tom for being the main man on the construction side, Steve for arranging the paperwork and Stuart for being the invigilator. And of course Ray for checking everything was up to date. Also a special thanks to the Newbury Weekly News who did the sample exam paper printing.

Here are two photographs of the practical day taken by Steve M0SEL. Note the cat in the second photo WAS NOT one of the candidates but turned up for the photo shoot un-invited!

NADARS CLUB OF THE YEAR FOR OUR LOCAL REGION

More of this when we get information, however, we understand that we have won the RSGB local club of the year award and are in the top three nationwide. We believe someone from the RSGB will attend the club to make a presentation but it is still early days.

MANY YEARS AGO THIS MONTH -- NADARS NEWSLETTER APRIL 1992

This month we look at April 1992 twenty years ago. It seems only yesterday. The actual newsletter can be viewed at www.nadars.org.uk/files/Newspdf/1992_04.pdf

NADARS had a very busy meeting planned. April was the AGM. Barry G4RKO talked about a possible Newbury 2m repeater possibly to be co-sited with GB3AW at Ashmansworth. That was nothing to do with GB3NE! And
John G4GZQ discussed the antennae for the 1992 HF CW Field Day. The club had a pub natter night planned for the Fox & Hounds Donnington.

It was planned to have an electrostatics talk by the late Paul Sollom G3BGL from Douai Abbey in May. (I remember that talk as one of the best the club ever had with a “Blue Peter” approach to electrostatics.)

In the diary it was noted that the planned HMS Mercury Rally would be the last at the Mercury site. That rally is now complete history as there is no RNARS run rally. It was far bigger than ours. How things change!

Perhaps one of the more interesting items was that our own Roger G4RUW was to be G4RUW/W1 on Easter Saturday 18th April on 18.130 MHz with an invite for all NADARS members to work him. I remember his time in W1 and he worked quite a few of our club members.

**NADARS AGM 22 MAY 2013**

Try not to miss the NADARS AGM on Wednesday 22 May at The Traveller’s Friend. We are now very close to the annual AGM where you get a chance (another chance !) to quiz the committee about club activities, review the clubs financial position and listen to their reports etc. In addition, the AGM is where the committee is elected. We hope that you all attend and cast your vote. We also want to hear your views on club activities as well.

We would also be VERY interested to hear from any member who wishes to stand for election (no experience is needed!!). Both Ray G4FON and Colin M0DDT will be standing down this year and we thank them for their extensive help on the committee over many years. This means that we need volunteers to take these two vacancies.

The AGM is an important meeting, not just for voting, but to have your opportunity to hear what has been happening and to give your inputs to what you would like to see happen in the future. We usually get a good turnout, so please try to attend.

*Phill, G6EES, Secretary*

**RADIO MUSEUM OPEN DAY**

The radio collection at the Sandford Mill Museum in Chelmsford will be open to the public on Saturday, April 27 from 10am-5pm to celebrate the birthday of Marconi born April 25th 1874.

The Sandford Mill museum is home to an extensive collection of historic radio equipment, including spark transmitters from the late 1890’s and a fully equipped Ships Radio Room.

The Chelmsford Amateur Radio Society (CARS) will be operating GX0MWT from the historic 2MT Writtle Marconi hut inside the museum.

Displays at the museum include, ship’s radio cabins 1900s to 1970s and historic collections from Marconi and other Chelmsford industries.

There are also special displays on the New Street factory, ship’s radio officers and the steam yacht Eletra - Marconi’s floating laboratory.

Plenty of family fun with mechanical Morse code sending and activities with sound, light and electricity.

Sandford Mill is run with the help of the Friends of Chelmsford Museums and other ex-industry volunteers. It relies on the support of several voluntary bodies including Chelmsford Amateur Radio Society, the Radio Officers' Association, the Marconi Veterans Association and the The Susan Trust. Susan is the last wooden Chelmer Barge and is moored at Sandford Mill.

The museum is open to the public between 10-5pm on Saturday, April 27. A map showing Sandford Mill (Postcode CM2 6NY) can be seen at: http://tinyurl.com/7mh7b Admission and parking is free.

**TRAFFIC LIGHT PROBLEMS**

I recently read a report in another publication that in 2007 boat owners in Dartmouth became very unpopular with car drivers. Every time they transmitted on the Marine Channels a set of traffic lights on North Embankment Road reset to Red causing massive traffic jams.

**CQ WPX SSB CONTEST**

I entered this contest on behalf of the club using the call G7N. LF conditions were good. 20M was extremely busy. I found 15m and 10m poor but some very exotic very long distance stuff was coming through ok on 10m. I had a problem on the Saturday evening when my rig decided to go QRT. This meant I had to investigate so this delayed me. In the end I had 400 QSOs almost all search and pounce. Some Cyprus stations were well over
6000 QSOs when I went QRT after I reached the 400 mark. I think other stations used separate scores per band. Stations such as OT5A and DR1A seemed omni-present on some bands. The callsign G7N seemed to be a problem on this contest. Many people expected letters after the “N” so there were many repeats. Others said “what a nice call”.

The more exotic stuff worked:-

80m: EB8AH (Canary Islands) HK1NA (Colombia) D4C (Cape Verde Islands)

40m: 8P5A (Barbados) VE3EJ (Canada) YY4DNN YW5DX (both Venezuela) KP2TM WP2Z (both St Croix) NP4Z (Puerto Rico) HK1NA (Colombia) 5D5A (Morocco) PJ4DN (Bonaire) P40Z (Aruba) 7Z1CQ (Saudi Arabia) CN2R (Morocco) D4C (Cape Verde) ED9Z (Ceuta)

20m: CN2R VK6NC (Western Aussie Contest Group) OH0R (Aland Isles) PR5B (Brazil) ED9Z (Ceuta) TF3CY (Iceland) 9K2HN (Kuwait) 8P5A (Barbados) HS0ZCW (Thailand) D4C (Cape Verde) EB8AH (Canary Islands) H27A (Cyprus) HK1NA (Colombia) A60A (United Arab Emirates)

15m: 5D5A (Morocco) OH0V (Aland Islands)

10m: 4X0A (Israel) HZ1HN (Saudi Arabia) H2T H27A P33W (Cyprus) 6V7S (Dakar)

G3ZGC

THIS MONTH ON THE AIR

Conditions seemed to have dropped a bit this month. This is as the days get longer. The highlight of the month was the Easter Island Dxpedition by G3TXF G4IRN G7VJR and G3ZAY. They were worked on a number of bands. How they heard me on 80m I will never know as they were way down with me!

40m had in the log JH4PQQ and FS/UA4CC.

10m saw BV7GC in Taiwan, NH70 in Hawaii, DS3HWS in South Korea, VK8CAW in Darwin and 8P6DR in Barbados (G3RWL on holiday).

20m saw KL7SB in Anchorage Alaska who had a similar background to my own. We had quite a long QSO.

A group of European Amateurs visited various French IOTA Islands and operated as TK0INT TK1INT and TK2INT. This was a popular event getting quite a lot of praise.

G0SGB was worked on 40m SSB from an Ostend Lighthouse as ON/SGB/P. He travels all round Europe activating lighthouses.

And GX5MW/P was a Medway group on a mini Dx'epedition to the Isle of Wight operating from near Brightstone for a week.

G3ZGC

A STRANGE COINCIDENCE

I had a strange coincidence this month. Its 25 years since I left the sea so a long time ago. I was at another meeting when a fellow amateur gave me some handbooks for a Marine Radio transmitter type ST1400 we had both sailed with. He asked perhaps I could give it to a museum. Anyway two weeks later I worked an M6 who was also an ex Radio Officer. After the QSO he emailed me saying he had been asked out of the blue that week by an American amateur if he knew of a handbook for the same transmitter I had just got the books for. Apparently the US amateur was about to purchase a salvaged one of the transmitters and wanted to get it on amateur bands. It's a small World. My handbook will soon be en route to the USA.

G3ZGC

MARITIME RADIO DAY

This event is open to ALL amateurs whether ex seagoing or not. Many preserved ships and possibly a new passenger liner will be active along with many ex Marine Radio Operators. It will be held April 14th 1200z until April 15th 2200z.

160m to 10m CW only. Frequencies quoted 1820 3520 7035 14035 21052 28052 but could appear anywhere. Exchange QSA, QRK callsign of last or favorite ship or aircraft. The QRK is the same as amateur but the signal strength is 1-5 and not the amateur 1-9!!!! Maritime Silence periods each hour minutes 15 to 18 and each hour minutes 45 to 48 must be observed!

So for example you might send DL1ABC de G3ZGC QSA5 QRK5 last ship GBVV/Geestbay. Or DL1ABC de M3ABC QSA5 QRK5 no ship.

Full rules are at www.doese-apprt.de/mrd/rulesmrdnc.pdf
LONGEST CALL QSL CONFIRMED
If you remember a year ago I commented I worked my longest callsign to date in the form of HF4KYMURADOJO. Well I have received a QSL card confirming this!

KEMPTON PARK RALLY
21st April 2013.

LOW POWER DXING
Eddie G3ZJO, of Northampton may now hold a QRP distance record for a micro-power transmission using a Raspberry Pi microcomputer as a transmitter. He used 10 milliwatts of RF that can be generated from the Raspberry Pi computer board to be heard at over 2000 km on the 7 MHz band. The Raspberry Pi board can be made to operate as a WSPR mode transmitter covering frequencies up to 250 MHz. G3ZJO connected the board via a low pass filter to a dipole for the 7 and 14 MHz bands. A small Marconi inverted L at a height of only 6 meters was used on 472 kHz.

Among the stations who received his WSPR signal on 40m was LA9JO at a distance of 2124 km. On 20m he was heard by LY2BOS at a distance of 1736km. 472 kHz did not fare anywhere near as well. Even so he was heard some 80 kilometers away by G4KPX.

WILDHERN RALLY
Sunday 28th April and Sunday 1st September 2013.
Sellers 9am Buyers 10 am
£6 boot £1.50 buyers.
There may be no talk in this year.
www.arac.org.uk/Wildhern%20Boot%20Sale%202013.pdf

USA RF POWER DEBATE
The FCC may have to redefine the USA RF exposure limits and policies which will affect amateur radio after a new debate has started on the subject.

CONTEST RESULTS
Club Championships to date:-

<table>
<thead>
<tr>
<th>Pos</th>
<th>Club</th>
<th>04/02/13</th>
<th>13/02/13</th>
<th>21/02/13</th>
<th>04/03/13</th>
<th>13/03/13</th>
<th>21/03/13</th>
<th>Total</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>Bristol GC</td>
<td>5,725</td>
<td>7,833</td>
<td>9,799</td>
<td>8,176</td>
<td>9,628</td>
<td>8,627</td>
<td>49,588</td>
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<tr>
<td>2</td>
<td>De Montfort University ARS</td>
<td>5,231</td>
<td>5,356</td>
<td>7,035</td>
<td>8,928</td>
<td>8,056</td>
<td>7,475</td>
<td>42,081</td>
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<tr>
<td>3</td>
<td>Three As CG</td>
<td>6,477</td>
<td>6,503</td>
<td>7,698</td>
<td>8,392</td>
<td>8,517</td>
<td>3,253</td>
<td>40,340</td>
</tr>
<tr>
<td>4</td>
<td>Newbury &amp; DARS</td>
<td>2,966</td>
<td>5,079</td>
<td>5,416</td>
<td>7,287</td>
<td>6,873</td>
<td>6,128</td>
<td>33,749</td>
</tr>
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</table>
CLUB CHAMPIONSHIPS 2013

NADARS is in the General section enabling all members whether in Wales, Swindon, Rugeley, Reading, Oxford or Christchurch to take part.

Time 20:00 – 21:30 local time.
Exchange RST and serial number.

13 Mar CC CW
21 Mar CC SSB
1 Apr CC CW

Frequencies
CW: 3.520-3.570 (QRS Corral around 3.560)
SSB: 3.600-3.650 & 3.700-3.775 (but don't go below 3703 or 3603 as you will drop points!)

Your Cabrillo log should be sent to the RSGB Robot. Those not having a logging facility may enter the contacts manually at www.rsgbcc.org/cgi-bin/hfenter.pl

Don't forget to work non NADARS members as well because a NADARS members only log will be disqualified. Mind you I wonder what would happen if conditions were so poor you could only work locals!

This is a way of making many friends on the air you will work time and time again.
CONTEST CALENDER 2013

Now is the time to fill your diary in with the Contests you wish to enter for 2013! That way you wont be double booked. Where possible team leaders are listed for events NADARS will participate in. By all means volunteer to organise an entry for NADARS in any of these events.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>7 Apr</td>
<td>RoPoCo SSB</td>
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<tr>
<td>10 Apr</td>
<td>CC SSB</td>
</tr>
<tr>
<td>18 Apr</td>
<td>CC Data</td>
</tr>
<tr>
<td>6 May</td>
<td>CC SSB</td>
</tr>
<tr>
<td>15 May</td>
<td>CC Data</td>
</tr>
<tr>
<td>23 May</td>
<td>CC CW</td>
</tr>
<tr>
<td>25-26 May</td>
<td>WPX CW (USA contest)</td>
</tr>
<tr>
<td>1-2 June</td>
<td>CW NFD (NADARS leaders G4LMW/G0ORH.)</td>
</tr>
<tr>
<td>3 June</td>
<td>CC Data</td>
</tr>
<tr>
<td>12 Jun</td>
<td>CC SSB</td>
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<tr>
<td>1 Jul</td>
<td>CC CW</td>
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<tr>
<td>10 Jul</td>
<td>CC SSB</td>
</tr>
<tr>
<td>18 Jul</td>
<td>CC Data</td>
</tr>
<tr>
<td>21 Jul</td>
<td>Low Power</td>
</tr>
<tr>
<td>27-28 Jul</td>
<td>IOTA Ray (G4FON NADARS ) team leader.</td>
</tr>
<tr>
<td>4 Aug</td>
<td>RoPoCo CW</td>
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<tr>
<td>10-11 Aug</td>
<td>WAE CW (German Contest)</td>
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<tr>
<td>14 Aug</td>
<td>Sprint CW</td>
</tr>
<tr>
<td>29 Aug</td>
<td>Sprint SSB</td>
</tr>
<tr>
<td>7-8 Sept</td>
<td>SSB Field Day</td>
</tr>
<tr>
<td>11 Sep</td>
<td>Sprint SSB</td>
</tr>
<tr>
<td>26 Sep</td>
<td>Sprint CW</td>
</tr>
<tr>
<td>6 Oct</td>
<td>21/28</td>
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<tr>
<td>9 Oct</td>
<td>Sprint CW</td>
</tr>
<tr>
<td>24 Oct</td>
<td>Sprint SSB</td>
</tr>
<tr>
<td>9 Nov</td>
<td>Club Calls</td>
</tr>
<tr>
<td>13 Nov</td>
<td>Sprint SSB</td>
</tr>
<tr>
<td>16-17 Nov</td>
<td>2nd 1.8</td>
</tr>
<tr>
<td>28 Nov</td>
<td>Sprint CW</td>
</tr>
</tbody>
</table>
DATES FOR YOUR DIARY

APRIL 2013
7 April 09:00 (BST), Intermediate Course Practical, Revision and Examination., Newtown Village Hall
9 April 20:00-22:00 (BST), Club 2m Net on GB3NE
10 April 20:00-21:30 (BST), 80m Club Championships SSB
18 April 20:00-21:30 (BST), 80m Club Championships DATA
24 April 19:30 (BST), Making use of modern military surplus equipment - A presentation by Charles G4JQX, Traveller’s Friend

MAY 2013
6 May 20:00-21:30 (BST), Club Championships SSB
11 May to 12 May 09:00-16:00 (GMT), NADARS will be activating Wilton Windmill as part of the annual Windmills on the Air. Call sign GB1WW. Contact John G1OQV for more details, Wilton Windmill, Wiltshire
15 May 20:00-21:30 (BST), 80m Club Championships DATA
22 May 19:30 (BST), AGM, Traveller’s Friend
23 May 20:00-21:30 (BST), 80m Club Championships CW

JUNE 2013
1 June to 2 June 15:00-15:00 (GMT), NFD Team leaders G4LMW & G0ORH
3 June 20:00-21:30 (BST), 80m Club Championships DATA
12 June 19:00-20:30 (BST), 80m Club Championships SSB
15 June 09:00-16:00 (BST), Set up the showground for the Newbury Radio Rally (check arrival times)
16 June 09:00-16:00 (BST), Newbury Radio Rally, Newbury Showground. Next to jcn 13 of M4 Motorway
26 June 19:30 (BST), TBA, Traveller’s Friend

JULY 2013
1 July 20:00-21:30 (BST), 80m Club Championships CW
10 July 20:00-21:30 (BST), 80m Club Championships SSB
18 July 20:00-21:30 (BST), 80m Club Championships CW
21 July 09:00-16:00 (GMT), Low Power Contest,
27 July to 28 July 12:00-12:00 (GMT), IOTA Contest

AUGUST 2013
4 August 07:00-08:30 (GMT), ROPOCO CW,
14 August 20:00-21:00 (BST), 80m Club Sprint CW
28 August 19:30 (BST), TBA, Traveller’s Friend
29 August 20:00-21:00 (BST), 80m Club Sprint SSB

SEPTEMBER 2013
7 September to 8 September 13:00-13:00 (GMT), SSB Field Day
11 September 20:00-21:00 (BST), Sprint SSB,
25 September 19:30 (BST), Club Night, Traveller’s Friend
26 September 20:00-21:00 (BST), 80m Club Sprint CW

OCTOBER 2013
6 October 07:00-19:00 (GMT), 21/28MHz Contest G0ORH team leader.
9 October 20:00-21:00 (BST), 80m Club Sprint CW
23 October 19:00 (GMT), Club Meeting TBA, The Traveller’s Friend
24 October 20:00-21:00 (BST), 80m Club Sprint SSB

NOVEMBER 2013
9 November 20:00-23:00 (GMT), Club Calls
13 November 20:00-21:00 (GMT), 80m Club Sprint SSB
16 November to 17 November 21:00-01:00 (GMT), 2nd 1.8MHz Contest
27 November 19:30 (GMT), Club Meeting TBA, Traveller’s Friend
27 November 20:00-21:00 (GMT), 80m Club SSB