



**AMATEUR RADIO TO
CONCORDE**
1ST JUNE 19:30



POTA HEMA SOTA
6TH JULY 19:30



FIELD DAY
JULY



CHOTA
10TH SEPT

HARC

HOLSWORTHY AMATEUR RADIO CLUB



**Milton Damerel
Parish Hall
EX22 7NZ**

**Talk-In GB3DN
Simplex 145.550**

Summer edition

This is the second club events diary for 2022! Will the weather will be kind for us again at Field Day and CHOTA this year? Hopefully, by the time you read this we will have firm dates.

This edition sees a few changes to the diary and a primer on the Reverse Beacon Network in preparation for meetings scheduled later in the year.

There are maps for CHOTA, Field Day and another for visitors to the Club at the back of this edition. (Same venue for the Queens Jubilee)

Don't forget to check the club website or Facebook page for last minute changes to the published schedule.

Lastly, a reminder about the club net, Mondays 19:30-20:30 on GB3DN. (Please note, the net is going to change, please consult website/FB page) It will run Winter period only Sept-April.



Editorial

This publication is a diary of events and info for both current and potential members. It is not meant as a newsletter and there will never be any pressure applied to members to provide content in order to keep it viable. If you would like to write something for the next edition, feel free but you are under no obligation to do so.

This issue

As already mentioned, this issue contains a short piece on the Reverse Beacon Network for the non 'Morse'ist'.

It is a toe in the water for those unfamiliar with the RBN and a primer for future planned meetings on propagation and SOTA.

Something new to try..?

Meeting format

It is never easy to get people to stand in front of a group and talk with authority on technical subjects. But the clue is in our hobbies title, 'amateur'. None of us are experts. *Well, there may be a few who think they are* but the rest of us struggle, learning as we go. It's a hobby after all.

That being said there is a wealth of experience in the club and a lot of it remains untapped for this very reason.

Hopefully, by changing the format from TALK to 'hosted themed discussion' during which everyone takes part, we can change that. So far this year the calendar looks promising.

Whispering

Considering Amateur Radio is hobby based around communication we often do a poor job communicating outside our little bubble. Page 7 hopes to improve that.

The Debt

falling
silently
towards
the earth
from
64,000ft
cuddling
an oxygen
bottle....

All of us owe a debt to Amateur Radio one way or another. For instance, radio has helped to keep us sane during the pandemic which in turn has been an ideal time to get out of that rut, try a new mode or revisit an old one.

For me, its been CW. I put away the key 30 years ago never expecting to use it again but here I am, post pandemic, wrecking 40m one wobbly CW QSO at a time...

At the next club meeting I will be talking about an even greater debt I owe this hobby of ours.

It will be a snapshot in time, a likely incoherent ramble about falling silently from 64,000 feet whilst cuddling an oxygen bottle and the delightful discovery of a mobile HF station costing millions of pounds...

73 de Rob GØHFN
editor



News

EMF

The meeting on 6th April included a run through of the latest RSGB EMF calculator. Some interesting points were raised. There is an RSGB YouTube video on the subject for those still unclear or were unable to attend.

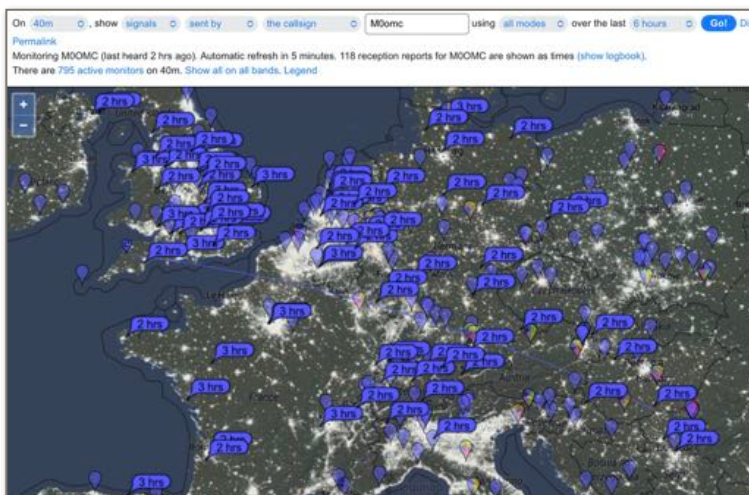
<https://youtu.be/z9NYlQwbCZQ>



GOOD NEWS

Good news! The club HF data station is up and running again after the replacement of a USB sound card and some software tweaking.

During tests with the power turned down to what was thought to be almost zero the club call was heard all over Europe! So definitely working fine and ready for club events later this year.



MQØOMC



An NOV has been issued for the club call and we can now use the special Q designator during the month of June.

POTA

The club has approached both Northam and Torridge council for permission to activate Northam Burrows which is a POTA site. (Parks On The Air).

CW

We are now affiliated to FISTS. (Membership number 21560). FISTS is an organisation that actively promotes the use of Morse code on the amateur bands.

RALLY

Venue booked for the Holsworthy Rally. Date now confirmed, 6th November.

NET

Alterations to Monday net on GB3DN check website and FB pages. Now Winter period only (Sept to April)

Club Subscriptions

Now due (MAY 2022)

HARC DIARY 2022



Next meetings at Milton Damerel Parish Hall

19:30 June 1st Amateur Radio to Concorde (talk)

5th June Field Day - Queens Jubilee MQØOMC

19:30 July 6th POTA HEMA SOTA (talk and demo)

EVENT Field Day JULY, date and venue TBN

19:30 August 3rd Meeting - Field Day Plan

19:30 Sept 7th Meeting - CHOTA Plan

10th September SES CHOTA Holy Trinity

19:30 Oct 5th Propagation Colin GØXCF (talk)

19:30 Nov 2nd Meeting- Rally Plan

EVENT 6th November Holsworthy Rally

19:30 7th Dec Rally wash up. Mince pies.

TBN

Field Day POTA TBN

Digital Voice Overview (subject to interest)

FT8 /FT4 Overview (subject to interest)

Reverse Beacon Network (subject to interest)

Digital Amateur Television GØFJY TBN

check website/FB page for updates/changes



RBN?

The map displays the Reverse Beacon Network (RBN) across Europe. A prominent yellow line indicates a signal path from the UK to the US. Various stations are marked with red dots, and their names are listed in the table below the map.

Station	Frequency	Mode	Power	Antenna	Height	Location	Notes
DL0FF	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-2	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-4	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-6	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-8	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-10	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-12	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-14	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-16	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-18	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-20	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-22	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-24	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-26	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-28	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-30	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-32	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-34	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-36	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-38	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-40	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-42	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-44	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-46	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-48	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-50	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-52	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-54	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-56	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-58	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-60	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-62	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-64	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-66	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-68	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-70	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-72	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-74	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-76	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-78	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-80	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-82	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-84	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-86	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-88	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-90	14.100	SSB	100W	3dB	10m	London	2 minutes ago
W2T-92	14.100	SSB	100W	3dB	10m	London	2 minutes

Why RBN?

These fixed receiving stations (skimmers) are often set up by generous individuals who leave equipment listening to the CW section of each band.

The number of skimmers listening at any one time varies but at the time of writing there were over 200 skimmers worldwide sending their decoded information to the RBN.

POTA SOTA

The RBN plays a significant role in POTA and SOTA spotting but this is beyond the scope of this short article.

image 40metres 5w CW dipole

■ ■ ■ ■ ■ ■

- note:** It is advisable not to try this or use the phrase TEST during CW contests. 😊

HARC EVENTS CALENDAR

Around our Patch

Elevenses Net

Mon/Wed/Fri 11-12:00 GB3DN
net control Mike G3PGA

Sunday Net

GB3DN 11:00-12:00 Sundays
net control Chris GØFJY (Bideford)

FM Net

145.575Mhz Thursdays 20:00
net control Colin GØXCF (Northam)

Top Band Net

Sundays 09:30-10:15
net control Dave G4XWQ (Barnstaple)

2m SSB Net

Sundays 10:30-11:00
Wednesday 20:00-21:00
net control G4XWQ (Barnstaple)

Holsworthy Club Net

Mondays 19:30-20:30 GB3DN Sept 1st to April 1st.
net control club call MXØOMC or MØOMC

RSGB News

Sundays 9am 145.525Mhz
G6ASK (Tiverton)

GB7HTL DXcluster

<http://gb7htl.packet-radio.com>
Ken G7VJA



Updates omissions and additions to
gØhfn@bosten.co.uk

WSPR. Whisper. To speak or say something very softly

Next month the club will be running an HF WSPR beacon using the special call MQØOMC.

The 24/7 beacon will automatically band hop and send low power telemetry on four amateur bands until the end of June. (40,30,20,10m)

It is hoped that this fun project will capture the imagination of the general public. The beacon will be publicised on both the Milton Damerel Community and Parish Hall Facebook pages to tie in with the Parish Hall Queens Jubilee celebrations on the 5th June which the club will be attending.

The post will explain that WSPR (whisper) is a protocol designed by astrophysicist and Nobel prize winner Joseph Taylor. That it uses low power telemetry to probe potential propagation paths and that the power used will be less than half that used by a single Christmas tree lamp!

Armed with the above information those attending the event will be invited to to guess the furthest distance *'their village beacon'* will be received up to the time it is switched off. The winner will be announced in the following Parish Newsletter along with accompanying explanation about the project and the club.

A link to the, now active MQØOMC QRZ page will also be published. The page will include details of how the beacon may be tracked across the globe.

There are no prizes, this is science... :-)



Contacts

Chairman, Don	GØRQL
Vice Chairman, Colin	GØXCF*
Secretary, Ken	G7VJA
QSL Manager, Jim	G4WYJ*
Web & Publications, Ken	G7VJA
Treasurer, Matt	2EØGKH

* change from 2021

Committee

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Jason	M6KPI
Howard	MØMYB*

Club call MØOMC (Holder GØRQL)
enquiries m0omc@m0omc.co.uk

Editor GØHFN



website and Facebook

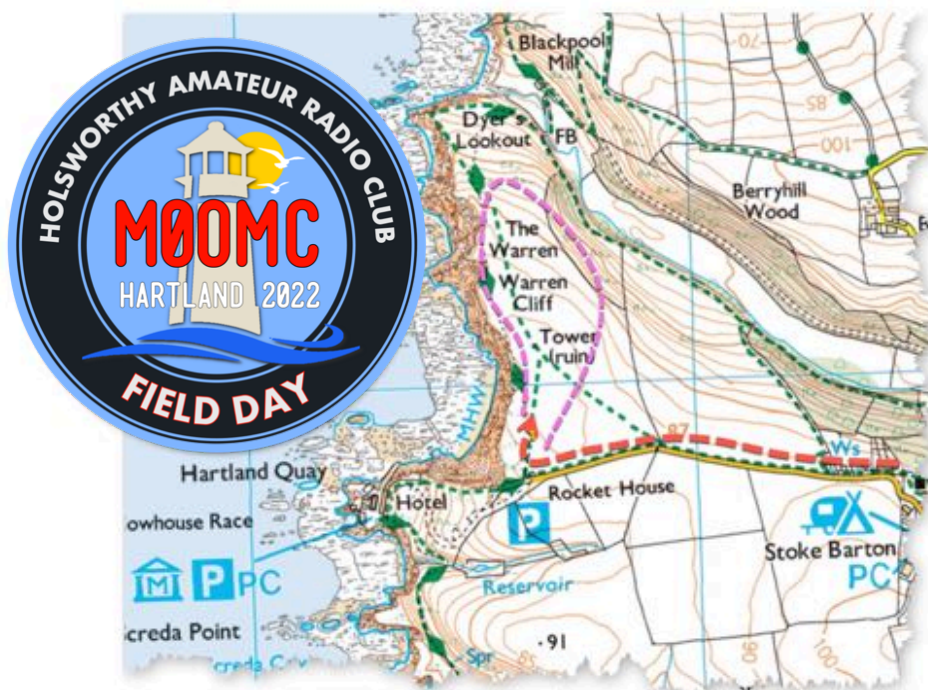
The Holsworthy Amateur Radio Club is the cross county club for North Devon and Cornwall with members from both counties.

The club meet on the first Wednesday of each month in the rural setting of Milton Damerel Parish Hall, Milton Damerel North Devon.

The club participates in a number of outdoor events throughout the year and is responsible for the Holsworthy Radio Rally.

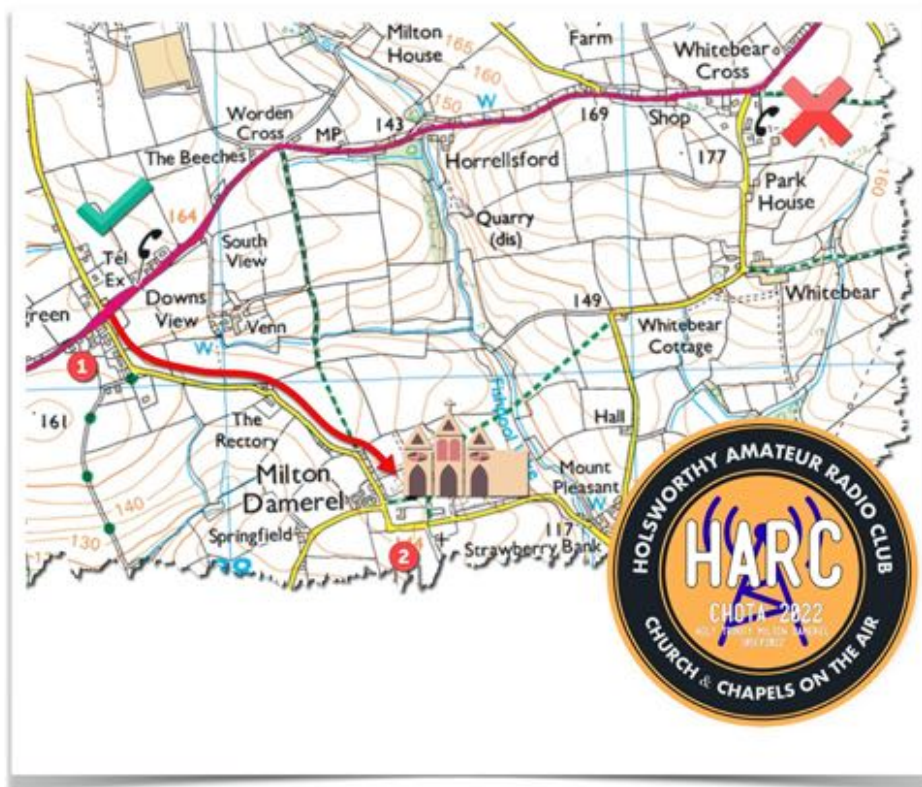
Both the local VHF repeater GB3DN and the DXcluster GB7HTL are owned and run by club members.

Visitors welcome. Map on back page.



Holsworthy Amateur Radio Club Field Day
 The Warren
 Stoke Barton Farm
 Hartland

From the A388 Venn Green turn into lane towards Blackberry Fm Shop
 Follow lane 1/3mile to Holy Trinity Milton Damerel
 The church entrance is set back through double gates
Talk in 145.550Mhz. SatNav EX22 7DL



Visitors Map



Milton Damerel Parish Hall EX22 7NZ

- From the A388 turn into lane at Venn Green, Blackberry Farm Shop
- Follow lane 1/3mile to sharp left
- Follow lane down past Methodist Hall through wood to thatched cottage
- Turn left up the hill to Parish Hall hall on left.
- **Talk in 145.550Mhz SatNav EX22 7NZ.**

