



Welcome to Issue 8



Your friendly radio club produces this gazette to provide our members with news and information about your club and the hobby

## **About Your Friendly Club**

### **Venue**

St Mary's Church Hall, St Mary's Drive, Reddish , Stockport SK5 7AX

1st Thursday of every month - meeting Time 7.30pm

### **Your Gilmore Gazette Team**

Editor : Heather Stanley M6HNS

CW Corner : David McArthur M0WDD

### **Contact Us**

General Email : [info@m0juw.co.uk](mailto:info@m0juw.co.uk)

North West Morse Email : [northwestmorse@gmail.com](mailto:northwestmorse@gmail.com)

Website : [www.m0juw.co.uk](http://www.m0juw.co.uk)

Telephone : 07735 036



**Gilmore Radio Club (GRC)**



**@Gilmoreradio**



**Gilmoreradioclub**



**Gilmoreradioclub**

**Issue 9 - Final date for articles 28 November 2023**

**Publication Date - 12 December 2023**

If you have an article you would like to send for the next issue, please let me have it no later than 28 November 2023. If you have any information that you would like to share with your fellow members please email me. Without your input we would not have a gazette to send out - [info@m0juw.co.uk](mailto:info@m0juw.co.uk)

## **Gilmore and North West Morse Radio Club - a new era**

There has been lots happening behind the scenes at GRC since the last gazette, and now everything has been finalised we wanted to update you, our loyal members.

In May this year Keith M0JYP decided to resign from the team at GRC and the from the club as a whole in August 2023. We were very sad to hear that Alan GOROW has decided to resign aswell. Alan said *'I have enjoyed setting up Gilmore it was great fun, but now its time to make way for the younger people. I have run nets and committees for over 15 years, and now I just want to enjoy amateur radio as long as I can'*

Gilmore Radio Club and North West Morse have recently had a meeting, again on board NB Royal Oscar, this time at North Cheshire Cruising Club, to discuss the future of both groups. It was agreed that GRC would reform and become 'Gilmore and North West Morse Radio Club.

From 12th August this year, GRC will not have a 'team' looking after you, but to make it more formal, but still a friendly club, will form a G&NWMRC Committee.

This will be : Nigel 2E0CKA – Chairman / Heth M6HNS – Secretary / Chris M0KCJ – CW Manager

Chris will now assist GRC with the basic running of the club, but has asked not to be involved in the financial side.

Chris decided to set up a CW group when GRC was being set up, and this was started In the early part of 2022. Assisted by David M0WDD, who will now be CW Training Co-ordinator and Jamie M1JSC who will be the QRP specialist. Both David and Jamie have been with Chris since the inauguration of NWM, and we welcome them all to the newly reformed club..

We have also asked Robert M0NVQ to join our team of Net Controllers and assist in the running of the 2m nets. So your controllers on voice are Nigel 2E0CKA, Chris M0KCJ, Adrian G0EHG and Robert M0NVQ, and when none of the above can do a net, I will have a go. On the CW side is Chris M0KCJ and David M0WDD.

For you, our members, nothing will really change. We hope you will enjoy the reformed club as much as you have enjoyed GRC and NWM as two separate groups.



## **September 2023**

Every Tuesday	2m Net 145.375+/- 7.30pm
Every Sunday	2m CW Activity Net 144.064 +/- 4.00pm
Sunday 3	CW 10m Net 28.080Mhz 7.30pm
Thursday 7	Social Night at St Marys Church Hall
Sunday 10	CW Training Net 50.080Mhz 6m 7.30pm
Sunday 17	80m CW Net 3.510Mhz 7.30pm
Thursday 28	C4FM Net 144.925Mhz 7.30pm

## **October 2023**

Every Tuesday	2m Net 145.375+/- 7.30pm
Every Sunday	2m CW Activity Net 144.064 +/- 4.00pm
Sunday 1	CW 10m Net 28.080Mhz 7.30pm
Thursday 5	Radio Night at St Marys Church Hall 7.30pm
Sunday 8	CW Training Net 50.080Mhz 6m 7.30pm
Sunday 15	80m CW Net 3.510Mhz 7.30pm
Sunday 22	CW Training Net 50.080Mhz 6m 7.30pm
Thursday 26	C4FM Net 144.925Mhz 7.30pm
Sunday 27	CW Training Net 50.080Mhz 6m 7.30pm
Sunday 29	CW 10m Net 28.080Mhz 7.30pm

## November 2023

Every Tuesday

2m Net 145.375+/- 7.30pm

Every Sunday

2m CW Activity Net 144.064 +/- 4.00pm

Thursday 2

Talk on Great Blasket Island Adventure with Pete M1PTR, Kieron M5KJM and Tom M0DCG

Sunday 5

CW Training Net 50.080Mhz 6m 7.30pm

Sunday 12

CW 80m net 3.510 Mhz 7.30pm

Sunday 19

CW Training Net 50.080Mhz 6m 7.30pm

Thursday 23

C4FM Net 144.925Mhz 7.30pm

Sunday 26

10m CW Net 28.0800Mhz 7.30pm



Would you be interested in giving members a presentation, demonstration or talk on one of our nights at St Mary's Hall. It would be for about 30-45 minutes.

If you are interested, please contact one of the team :

[info@m0juw.co.uk](mailto:info@m0juw.co.uk)

## My 2M CW Sessions

### Adrian G0EHG



When I was first asked to write an article about my 2M CW sessions for the Gilmore Gazette, I thought it would also be a good opportunity to talk about my own experience with CW and how it helped contribute to the current procedures used by our group.

I sat my CW test back in 1986 and was competent at 14 words per minute. I did enjoy learning morse, but to be honest, only did it to pass the test. Furthermore, I never really had any plan to actually use CW as a mode for communication. So once the test was out of the way, the CW key started to gather dust.

Over the years that followed, I came in and out of the hobby, like many of us. But morse code was still sat in my head. I would be delayed in a queue on the M25 transmitting registration plates in my head, or stood in a queue at the airport doing the same with the signposts and adverts.

I re-engaged with the hobby in 2016, initially focusing on digital modes. The advent of FT8 led me to explore weak signal propagation and the advantages of digital modes over SSB. This, in turn, rekindled my interest in CW. Then, one day on the way to work, I just thought, "I want to do morse code again."

I jumped in the deep end on HF and found I wasn't too rusty, probably operating around 12 wpm. However, I struggled with call signs, as the morse test hadn't prepared me for hearing a mixture of numbers and letters. If anything, my brain had been trained to keep them separate. This was a stumbling block, which I believe was a flaw in the old approach to testing CW.

The 2M band provided a safe space to rebuild my confidence. It's a quiet band with plenty of space, and familiar call signs are often heard. I began having regular CW contacts with another station in North Manchester. Trystan (G0KAY) was in a similar position to me, dealing with the challenge of combining numbers and letters while getting back into CW.

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For practice, we started sending each other road names and towns, then moved on to American states and English counties. However, we soon realised that we needed an endlessly renewable pot. As a result, we started sending famous names, years of birth and quotes.

Over time, we were joined by other stations and settled on the following format.

On Monday to Thursday at 7pm local time, stations meet on 144.065. If the frequency is clear, I then put out a CQ call to see who is in attendance. A short introduction then follows for those taking part. To give you an idea of how things get going, you can view a short YouTube video here:

<https://youtu.be/BM25frFaVCk>

After the introduction, I send the names of three famous people and their years of birth. To encourage head copying, I send them twice. This is followed by my chosen quote for the evening.

At that point, I've completed my part and pass it on to the next station. Once everyone has had their turn sending, we conclude with the obligatory "dit dit".

A template for our net is as follows:

**CQ CQ de G0EHG K**

**(Stations call in)**

**R R de G0EHG = Now sending three famous names, years of birth and a quote for CW practice.**

**My first is .....(Send twice)**

**My second is ..... (Send twice)**

**My third is ..... (Send twice)**

**My quote is "....." By .....**

**Now handing over to ..... ES 73 73 AR**

**..... de G0EHG VA..**

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The practice sessions usually last for 15 to 20 minutes. There is no fixed order, but we typically move from station to station based on individual signal strengths and locations.

An important aspect to cover in this article is speed. As time has gone on, our regular group has gradually increased our words per minute (WPM). While we started at 12-14 WPM in 2019, we now operate at

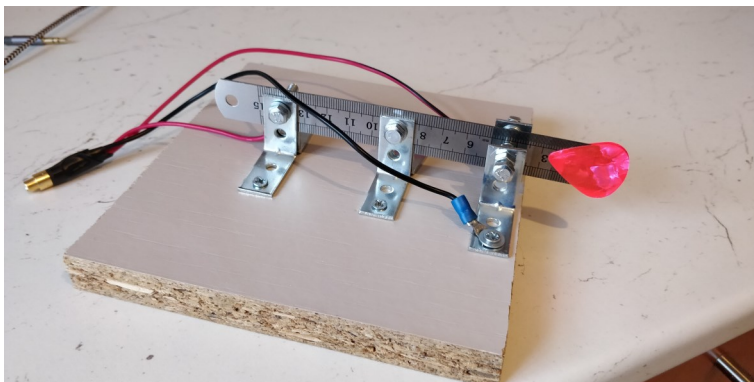
about 25 WPM. However, I'm aware that some who want to join our net may be more comfortable at slower speeds. We can always reduce our speed or schedule additional slow practice sessions to help. If this would be beneficial, please let me know via GRC or QRZ.

Trystan and I also both agree that having a fixed routine encourages us to get on air regularly. Whilst there is no expectation to be on each night, you do get to a point where you don't want to miss out.

While these practice sessions are very informal and not officially part of the Gilmore Radio Club, most of our group also participate in the North West Morse practice sessions on weekends. The two approaches to learning CW and building confidence have similarities, but also their differences. I believe that they complement each other well, providing stations with options to practice on most days of the week.

Please feel free to join in at any time. We'd love to have more stations participating and enjoying the wonderful mode of CW.

73 Adrian  
G0EHG





# Membership

Membership of Gilmore and North West Morse Radio Club is easy. If you know someone who maybe interested in joining us, please ask them to complete the application form on our website, which will come directly to us. **Subs are payable annually on 1st December each year.**

Adults	£20.00	Joint (2 Adults)	£30.00
Junior (upto 16)	£ 5.00	Overseas	£20.00

Payment can be made by bank transfer, details on the membership form, our sumup payment machine or cash at a club meeting. GDPR information available on request



## Our members



Adrian G0EHG	Lee G2LK	Jim G4HPH
Bob GM4UYZ	Jim G6URD	Ray G7TQT
Brian G8NHN	Steve G8YTP	Graham M0IYP
Chris M0KCJ	Robert M0NVQ	Chris M0OGG
Rob M0ORA	Jon M0RFU	David M0WDD
Lee M0ZPZ	John M1EAS	Jamie M1JSC
Ed 2E0CFM	Nigel 2E0CKA	John 2E0CGX
Jack 2E0JEH	Andy 2E0KKF	Robert 2E0OFF
Paddy 2E0TWD	Steve 2E0WIT	Ken M3UQP
Heth M6HNS	Alan M6KOY	Ian M6LBI
Bob M6TMA	Simon M7AUC	Ron M7RJL
SWL - Kieron R	SWL - Tracy L	

## **Meet your RSGB Region 3 Team**

**Your Regional Rep is Martyn Bell M0TEB : [rr3@rsgb.org.uk](mailto:rr3@rsgb.org.uk)**

**The District Reps are below - if you are interested in one of vacant district reps positions, please email Martyn.**

District 31 Cumbria : Martyn Bell M0TEB email [dr31@rsgb.org.uk](mailto:dr31@rsgb.org.uk)

District 32 Lancashire : Vacant

District 33 Greater Manchester : Vacant

District 34 Cheshire : Mike Isherwood G4VSS email : [dr34@rsgb.org.uk](mailto:dr34@rsgb.org.uk)

District 35 Isle of Man : Pending

District 36 Merseyside : Vacant



**Martyn M0TEB (District Rep and Cumbria Rep) with  
Mike Isherwood G4VSS (Cheshire Rep)**

Would you be interested in being one of our operators for '145 Alive' on 30th September, operating from North Cheshire Cruising Club on the Yaesu FT7900. Heth n Nige will supply plenty of refreshments and biscuits. It only runs for two hours, so along with Nigel 2E0CKA, we are looking for another couple of members to do a 30 minute stint. Message Heth on m6hns@btinternet.com

For more info, scan  
the QR! >>



**Keeping 2M ALIVE!**

**Next event**

**Saturday 30/9/23**

**1300 - 1500 bst (1200 - 1400 UTC)**

## Up Ben Nevis for DXexpedition - G4HPH - late 1970's

I saw an article about Summits so I thought I would send you these photos of when I and some friends went up Ben Nevis in the late 1970's. The barrel of beer was left by someone else, and we drank from it!!!







**73's Jim L G4HPH**

## British Inland Waterways on the Air (BIWOTA) August 26 and 27 from North Cheshire Cruising Club

Thank you to those members that came to the boat, or called in on one of the frequencies. The weather was against us over the weekend with heavy rain fall, and also two hours of thunder and lightning on the Saturday evening, and more rain on the Sunday. We had a good take off from the North Cheshire Cruising club, being 525ft above sea level. We will be back next year, with hopefully better weather, again from the Cruising Club.

Below are some pics that we took on over the weekend.



Chris M0KCJ on the front of the boat, and Chris M0KCJ with his lovely XYZ Christine



Left - John  
2E0CGL with  
Nige 2E0CKA  
(the regular  
selfie pic!!!)

Right - NB  
Royal Oscar  
and the view  
down the  
arm at North  
Cheshire  
Cruising Club



# Certificate of Participation

This certificate is to certify that

**MOJUW**  
*Gilmore Radio Club*

Has taken part in

British Inland  
Waterways on the Air 2023



Signed by  
Event Manager

Date: 20/08/23

*M0JAV*  
M0JAV

Photograph courtesy of Kev Driver MTKSD

Right - Our home base  
station - Yaesu FTDX10



Left - Nigel 2E0CKA on the  
Yaesu FT7900 after calling out  
on 145.375. Contact he was  
chatting with, Adrian G0EHG

NB Royal Oscar with a 2m  
whip on the roof, a magnetic  
3 disc trip mount with our  
20m whip





## Using AA cells as a battery pack

### Robert M0NVQ



I have been experimenting with AA cells in a battery holder to give 12 volts for QRP. This became necessary after my 7Ah sealed lead acid batteries gave up. This didn't particularly surprise me as batteries consist of a series of cells, and some cells can be slow to charge and never get fully charged whilst other cells charge quickly and can be damaged through overcharging.

And so my thoughts turned to using individual cells after I saw a Youtube video by Hans G0UPL demonstrating a Summits On The Air SOTA activation: <https://www.youtube.com/watch?v=mwslo4P6IBs&t=191s>

He used AA alkaline cells in a battery holder. Looking on Ebay I found a wide variety of AA battery holder types. A holder for eight cells will give about 9.6 volts and a ten-cell holder will give about 12 volts.

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Alkaline cells, like those used in the YouTube video, typically demonstrate a capacity of about 2200mAh at a 100mA discharge rate and a capacity of about 830mAh at a 1 Amp discharge rate. There are a number of technical pages comparing cells: for example

<https://www.powerstream.com/AA-tests.htm>

Alternately, AA Ni-MH can be used and they can be charged individually. I think technically, most Ni-NH chargers actually charge the AA cells in pairs in series. However, you can shuffle the cells for a final trickle charge from time to time.

Fortuitously, amongst my stocks, I have a number of 2500mAh Ni-MH rechargeable cells that I bought at a rally. These cells are rated at 2500mAh at a 500mA discharge rate. I also have some Varta 2100mAh Ni-MH rechargeable cells which are available from Screwfix and B&Q. Similarly, Energizer 2300mAh cells are available from Toolstation.

To ensure correct polarization, I use PowerPole connectors on the battery holder leads and a Sotabeams PowerPole Fused Connector Box, which features green/red polarisation indicator LEDs:

<https://www.sotabeams.co.uk/powerpole-fused-dc-connector-box-1/>

The pictures of AA cells in use.





## **Gilmore NWM Radio Club**

### **CW Corner News No 8**

### **By David M0WDD**

Welcome to CW Corner News No 8 from the friendly Gilmore NWM Radio Club. In this issue – GRC and NWM merge – latest on NWM CW nets and 2M Activity Hour - a CW POTA experience – Suggestion to combine future club nets – read on to find out more.

So in this CW Corner News No 8:

- GRC and NWM merged, by Chris M0KCJ
- Latest on NWM CW nets
- Expanding the WAKE UP CW Activity Hour
- A CW POTA experience by David M0WDD
- Inter club co-operations for future nets?



#### **1. GRC and NWM combined, by Chris M0KCJ**

CW ( Morse ) A way of life? Not really, but a great extension of the Ham Radio Hobby, that needs constant practise to keep all the cogs in mesh. This is not easy these days with the busy lives we all lead, but can be extremely rewarding when you start making CW contacts in far away places.

North West Morse has now joined forces with Gilmore Radio Club On a more permanent basis. It made sense to unite properly, as both clubs are strong and friendly, and to merge factions was the obvious thing to do.

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David's (M0WDD) role will be to strengthen the already busy CW training nets as Training Coordinator, whilst Jamie (M1JSC) will continue his pursuit of QRP, as the specialist in this area.

Both David and Jamie, remain vital to the continuing success of Gilmore and North West Morse Radio Club.

Anyone wishing to pursue Morse can approach any one of us for help in getting started, or revitalising an old skill. Morse, a way of life ? You bet it is.

Chris CW Manager  
M0KCJ



## 2. Latest on NWM CW nets



NWM CW nets have evolved into two types – formal nets and informal QSOs. Here is more on each.

**The regular formal nets.** These currently run every Sunday evening on a different band each week, chaired by Chris M0KCJ. Callers can enjoy a regular net format and experience differing challenging conditions. Bands used follow the weekly pattern 10m, 6m, 80m and 6m, repeating every four weeks. The net format is - check-ins, news and comments, then finals, so every caller can contribute.

Continued on next page

**The “Wake Up CW” Activity Hours.** These currently run every Sunday afternoon on 2M chaired by David M0WDD. Callers can enjoy short or longer QSOs without the need for a traditional net format. Watch out for more “Wake Up CW” Activities soon.

Both types, these nets attract regular local club callers from GRC, from SRS, and from non-club guests. Out of area ops occasionally call in too, depending on conditions.

### **How do we keep in touch with our net callers?**

We keep in touch through email alerts, Facebook posts, and more recently a WhatsApp group.

**Email alerts:** With callers’ and potential callers’ permissions, we have built up a confidential email list. Participants then receive a weekly email alert in advance of our Sunday nets.

**Facebook alerts:** weekly FB posts go to various CW groups and to the GRC group, again in advance of our Sunday nets.

**WhatsApp group:** GRC/NWM CW regulars recently started a WhatsApp group for 70cm, 2m and HF CW interests – this is very effective for “real time” alerts, calls for CW tests and general CW chats. Members currently include ops from GRC/NWM, SRS and a guest.



### **3. Expanding the WAKE UP CW Activity Hour**



CW on ???

Interest in this activity, like the regular NWM nets, has been excellent with regular callers from members of GRC, members of SRS, non-club members, and occasional out of area callers.

In particular, interest from Facebook users has been exceptional, with 20-25 likes and positive comments every week - many from out of area, and some from overseas.

With this in mind, David M0WDD is consulting with our regular net callers about launching a trial “Wake UP to CW on 40M” Activity. This is not instead of, but as well as, regular club nets, with the format of QSOs rather than formal nets.



#### **4. My three CW POTA activation so far, by David M0WDD**



My very first CW POTA (Parks on The Air) activation from Heaton Park in early July was successful but a gusty wind and lack of a good working surface taught me the importance of using an outdoor chair and table in future. I got my activation with 12 contacts, eventually. (10 needed for successful activation).

My second POTA activation attempt from St Mary's Park, Prestwich, in late July was unsuccessful due to heavy rain – I certainly learned to pay more attention to the weather forecast.

Back on 10<sup>th</sup> August, I made my third POTA activation attempt, again from St Mary's park in Prestwich. This time things were better.

The weather was glorious, and the park, unlike last time, was very busy. I setup in a quiet part in a far corner (or so I thought), with my portable chair and small picnic table in place on the grass, and setup the un-extended 7m fibreglass pole about 20m away with a guyed base.



My minimal POTA station on the table was FT818 and battery in a small laptop case (in case of rain), and Kent paddle and 49:1 unun alongside, and some paper jammed under the case for logging. I connected the unun to 20m of long thin wire over to the pole. So this EFHW would be resonant on 40m and 20m. Got the pole to full height and I was good to go. What could possibly go wrong?

Just then two older ladies out for a walk came over and asked me what I was doing "with the fishing line" - so I explained, much to their delight. Maybe they're interested in CW I thought. Shortly after this, another lady walked over and asked

me to keep a look out for her lost dog - of course I would. Maybe I look like a park official I wondered.

Then just as I started calling CQ POTA, a silly kid on a small motorbike appeared on a path near me and suddenly veered off and made to whizz by between the antenna pole and me, before I could shout anything. "Well I hope he can see the antenna wire," I thought. He did - he ducked just in time and was gone. Catastrophe avoided.

So settled down to POTA contacts. I only managed two (local UK) on 40m as band was noisy and my antenna slope had a large dip, but never mind. So moved to 20m where conditions were much better and the contacts started to arrive. Some ops were working over my humble 5w at times, but I did seek the frequency gaps and kept calling CQ POTA. Eventually I built up to nine contacts after a good hour and a half calling. The best contact was with an Italian op north of Milan who was also /P.

The tenth contact just would not come for ages. But eventually got one - from Eastern Europe – but never mind, in the log. Then just before I packed up, two more contacts came in, so that was great - now 12. Back home I discovered I had one wrong callsign, so down to 11, but activation was successful.

Overall, it was a great fun afternoon and I also got an August suntan. I look forward to my next POTA activation attempt. That dog never did appear.



## **5. Inter club co-operations for future nets?**



We have welcomed GRC/NWM members, SRS members, and some guests to our nets, particularly on the “Wake Up 2M” Activity Hour, as GRC/NWM specifically aims to be an open friendly club where all are welcome.

Might it now be time to consider working more closely with SRS to ensure members from both clubs can enjoy participation in both sets of club nets, whilst each club retain their individual club identity? And may I respectfully suggest that it be good to see each club’s nets running at different days/times rather than some at the same day and time? This is just a suggestion – we could then all benefit from an even wider range of net participation possibilities.

Until next time, best wishes from David M0WDD, GRC/NWM,  
September 2023

***Thank you to Dave M0WDD for another informative CW Corner***

***Thank you to both Chris M0KCJ and David M0WDD for running all your various CW Nets every Sunday***

***Heth M6HNS***

Save the Date for the biggest single day rally

***Come and join us for the largest single day radio rally in the UK***



# NARSA RALLY

**at the NORBRECK CASTLE HOTEL, BLACKPOOL, FY2 9AA  
on Sunday 21<sup>st</sup> April 2024 - Doors open at 10:30**

The largest single day rally in the UK is organised by NARSA which is an association of over forty clubs aiming to keep our hobby in good health

**Please come to the 60<sup>th</sup> NARSA radio rally**



- ♦ Over 80 trade and club stands
- ♦ Radios, aerials, computers and more
- ♦ Meet other amateurs at the rally
- ♦ Free parking (guaranteed!)
- ♦ RSGB book and membership stand
- ♦ Food and drink at multiple outlets
- ♦ Special hotel room rates available
- ♦ Bring and Buy
- ♦ Demonstrations
- ♦ Find your nearest club
- ♦ Scan the QR code to visit our website
- ♦ Construction Competitions
- ♦ Facilities for the disabled
- ♦ Admission £5 (under 14s free)

For the latest information on the rally visit the NARSA website – [www.narsa.org.uk](http://www.narsa.org.uk)

Exhibition Manager: Dave Wilson, M0OBW T: 01270 761608 / 07720 656542 E: [dwilson@btinternet.com](mailto:dwilson@btinternet.com)

Follow NARSA on one of our social media platforms  
or have a look at our website



@NARSA\_NORBECK



@NARSA.NORBECK



YouTube @narsablackpool9350



[www.narsa.org.uk](http://www.narsa.org.uk)



Come and visit our stand at the NARSA rally

**NORBRECK**  
on Sunday, April 21st, 2024





# Club Nets

All our nets are run on the following frequencies

GRC Nets	Frequency		NWM Nets	Frequency
70cm	433.575Mhz		2m CW	144.064Mhz
2m	145.375Mhz		6m CW	50.080Mhz
C4FM	144.950Mhz		10m CW	28.080 Mhz
			80m CW	3.510Mhz

Details of all the nets are posted on our website, email and social media platforms

## Net Controllers

GRC Net Controllers		NWM Net Controllers
Nigel 2E0CKA		Chris M0KCJ
Chris M0KCJ		David M0WDD
Robert M0NVQ		
Adrian G0EHG		

If you wish to use the club callsign please contact Heather M6HNS in the first instance. David M0WDD, Robert M0NVQ and Chris M0KCJ are currently approved to use the club ccallsign

All records of when the callsign has been in use is on our website

## Useful Information

The pages that follow are just general information that we all know, but is handy to have to hand. If there is anything else you would like to see on these pages, please let me know.

- ◆ Club Log : How to Join
- ◆ Links
- ◆ Phonetic Alphabet
- ◆ International Morse Code
- ◆ The RST Code
- ◆ Frequencies
- ◆ Repeaters
- ◆ Popular Bands



### Your Ofcom Licence - Revalidate

All radio amateurs are required to 'revalidate' their licence at least every five years. In practice, confirming annually is recommended. The process requires every licence holder to confirm or update the details on the Ofcom licence database. It is important to be registered with Ofcom as This enables revalidation, amendments and other functions including Exam-pass and Special Event callsign applications.

If you are not registered, your call sign becomes potentially available for reassignment to others. Don't let that happen! Keep your details up-to-date and make a diary reminder to renew each year.

Full Licence note: Any 5MHz/60m usage has an explicit licence requirement for a current (preferably mobile) phone number to be stored on the database as well.

If you need further assistance in the process, Ofcom staff are available to help, but please be patient during times of heavy workload.

## Your Views

Let us have your views on what you would like from Gilmore and North West Morse Radio Club.

- ◆ Are you happy with the nets?
- ◆ Would you like to run a net?
- ◆ What talks would you like us to do?
- ◆ Would you like more morse demos?
- ◆ Did you like the Quiz—we can do more

We are happy to work with you, our members, to make sure that you get everything you need from our club.

Contact us at [info@m0juw.co.uk](mailto:info@m0juw.co.uk) and let us know.

### Links

- ◆ RSGB [www.rsgb.org](http://www.rsgb.org)
- ◆ Ofcom [www.ofcom.org.uk](http://www.ofcom.org.uk)
- ◆ QRZ.com [www.qrz.com](http://www.qrz.com)
- ◆ Raynet [www.raynet-uk.net](http://www.raynet-uk.net)
- ◆ BYLARA [www.bylara.org.uk](http://www.bylara.org.uk)
- ◆ Ham Links [www.eham.nets](http://www.eham.nets)
- ◆ UKFM Grp [www.ukfmgrw.org.uk](http://www.ukfmgrw.org.uk)
- ◆ ARRI [www.arri.org](http://www.arri.org)
- ◆ SOTA [www.sota.org.uk](http://www.sota.org.uk)
- ◆ Hack Green [www.hackgreen.co.uk](http://www.hackgreen.co.uk)

Phonetic Alphabet	
A	Alpha
B	Bravo
C	Charlie
D	Delta
E	Echo
F	Foxtrot
G	Golf
H	Hotel
I	India
J	Juliet
K	Kilo
L	Lima
M	Mike
N	November
O	Oscar
P	Papa
Q	Quebec
R	Romeo
S	Sierra
T	Tango
U	Uniform
V	Victor
W	Whiskey
X	Xray
Y	Yankee
Z	Zulu

# Gilmore Radio Club and North West Morse International Morse Code

A Dah is equal to three Dits

The space between parts of same letter is one Dit

The space between letters is three Dits

<b>A</b>	· -		<b>U</b>	· · -
<b>B</b>	- · · ·		<b>V</b>	· · · -
<b>C</b>	- · - · ·		<b>W</b>	· - -
<b>D</b>	- · ·		<b>X</b>	- · · -
<b>E</b>	·		<b>Y</b>	- · - -
<b>F</b>	· · - ·		<b>Z</b>	- - · ·
<b>G</b>	- - ·			
<b>H</b>	· · · ·			
<b>I</b>	· ·			
<b>J</b>	· - - - -			
<b>K</b>	- · -		<b>1</b>	· - - - -
<b>L</b>	· - · ·		<b>2</b>	· · - - -
<b>M</b>	- -		<b>3</b>	· · · - -
<b>N</b>	- ·		<b>4</b>	· · · · -
<b>O</b>	- - -		<b>5</b>	· · · · ·
<b>P</b>	· - - ·		<b>6</b>	- · · · ·
<b>Q</b>	- - - · -		<b>7</b>	- - - · ·
<b>R</b>	· - ·		<b>8</b>	- - - · ·
<b>S</b>	· · ·		<b>9</b>	- - - - ·
<b>T</b>	-		<b>0</b>	- - - - -

Common Grammar			Common Cut Numbers	
Forward Slash	/	- · · - ·	9	N
Question	?	· · - - · ·	0	T
Full stop	.	· - - - - -		
Comma	,	- - · · - -		
Hyphen	-	- · · · · -		

## The RST Code

### R – Readability

- R1 Unreadable
- R2 Barely readable (occasional words understood)
- R3 Readable, but with considerably difficulty
- R4 Readable, with very little difficulty
- R5 Perfectly readable

### S – Signal Strength

- S1 Signals very faint, barely heard
- S2 Very weak signal
- S3 Weak Signal
- S4 Fair signal strength
- S5 Fairly good signal strength
- S6 Good Signal strength
- S7 Moderately strong signals
- S8 Strong signals
- S9 Very Strong signal

### T – Tone

- T1 Extremely rough hissing noise
- T2 Very rough unmusical note
- T3 Rough low pitched note with trace of musicality
- T4 Rather rough note, moderately musical
- T5 Musically modulated note
- T6 Modulated note, slight trace of whistle
- T7 Good note smooth ripple
- T8 Good note trace of ripple
- T9 Pure note

## Frequencies

### LF (Low Frequency)

2000m : 135.7 - 137.8Khz

### MF (Medium Frequency)

630m : 472 - 479Khz

160m : 1.81 - 2.0Mhz

### HF (High Frequency)

80m : 3.5 - 3.8Mhz

40m : 7.0 - 7.2Mhz

30m : 10.1 - 10.15Mhz

20m : 14 - 14.35Mhz

17m : 18.068 - 18.168Mhz

15m : 21 - 21.45Mhz

12m : 24.89 - 24.99Mhz

10m : 28 - 29.7Mhz

### 60m

5.403.50MHz INTERNATIONAL look for VO1 evenings about 21.00hrs

5.398.50                      5.395.00                      5.379.00

5.378.00                      5.371.50                      5.363.00

5.355.00                      5.335.00                      5.320.00

5.304.00                      5.301.00                      5.298.00

CW - 5.258.00 INTERNATIONAL

5.262.00 QRP

**Note for operating on 60m Only available to full licence holders**

### VHF (Very High Frequency)

6m : 50 - 52Mhz

4m : 70 - 70.5Mhz

2m : 144.0 - 146.0Mhz

### UHF (Ultra High Frequency)

70cms : 430.0 - 440Mhz

23cms : 1240.0 - 325Mhz

	<b>Repeater</b>	<b>Output</b>	<b>RXI</b>
<b>23CM</b>	<b>GB3SE</b>	<b>1297.0750 Mhz</b>	<b>1291.0750 Mhz</b>
<b>70cm</b>	<b>GB3CR</b>	<b>433.1500 Mhz</b>	<b>434.7500 Mhz</b>
<b>70cm</b>	<b>GB3LI</b>	<b>433.2500 Mhz</b>	<b>434.8500 Mhz</b>
<b>70cm</b>	<b>GB3MF</b>	<b>433.0500 Mhz</b>	<b>434.6500 Mhz</b>
<b>70cm</b>	<b>GB3MR</b>	<b>433.3500 Mhz</b>	<b>434.9500 Mhz</b>
<b>70cm</b>	<b>GB3PZ</b>	<b>430.9000 Mhz</b>	<b>438.5000 Mhz</b>
<b>70cm</b>	<b>GB3SM</b>	<b>433.3250 Mhz</b>	<b>434.9250 Mhz</b>
<b>70cm</b>	<b>GB3ST</b>	<b>433.2250 Mhz</b>	<b>434.8250 Mhz</b>
<b>70cm</b>	<b>GB3WP</b>	<b>430.9375 Mhz</b>	<b>438.5375 Mhz</b>
<b>70cm</b>	<b>GB7MN</b>	<b>439.4125 Mhz</b>	<b>430.4125 Mhz</b>
<b>70cm</b>	<b>GB7ST</b>	<b>439.4500 Mhz</b>	<b>430.4500 Mhz</b>
<b>70cm</b>	<b>GB7WC</b>	<b>439.4875 Mhz</b>	<b>430.4875 Mhz</b>
<b>2m</b>	<b>GB3MN</b>	<b>145.6500 Mhz</b>	<b>145.0500 Mhz</b>
<b>2m</b>	<b>GB3MP</b>	<b>145.7500 Mhz</b>	<b>145.1500 Mhz</b>
<b>2m</b>	<b>GB3VT</b>	<b>145.7250 Mhz</b>	<b>145.1250 Mhz</b>

### **Popular Bands**

<b>LSB</b>	<b>160</b>	<b>1.8-2.0 Night</b>
<b>LSB</b>	<b>80</b>	<b>3.5-4.0 Night and Local Day</b>
<b>LSB</b>	<b>40</b>	<b>7.0-7.3 Night and Local Day</b>
<b>LSB</b>	<b>30</b>	<b>10.1-10.15 CW and Digital</b>
<b>USB</b>	<b>20</b>	<b>14.0-14.350 Worldwide Day and Night</b>
<b>USB</b>	<b>17</b>	<b>18.068-17.168 Worldwide Day and Night</b>
<b>USB</b>	<b>15</b>	<b>21.0-21.450 Primarily a daytime band</b>
<b>USB</b>	<b>12</b>	<b>24.890-24.990 Primarily a daytime band</b>
<b>USB</b>	<b>10</b>	<b>28.0-29.70 Daytime during sunspot highs</b>
<b>VHF</b>	<b>6</b>	<b>50-54 Local to worldwide</b>
<b>VHF</b>	<b>2</b>	<b>144-148</b>
<b>UHF</b>	<b>70cm</b>	<b>430-440 Local</b>

**Affiliated members of**  
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**(Radio Society of Great Britain)**

**NARSA**  
**(Northern Amateur Radio**  
**Society Association)**



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