



Welcome to Issue 7



**Gilmore Radio Club along with North West Morse at
NARSA 2023, and our winning trophy**

**Your friendly radio club produces this gazette to
provide our members with news and information
about GRC 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

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Members only Email : GRCmember@googlegroups.com

North West Morse Email : northwestmorse@gmail.com

Website : www.m0juw.co.uk

Telephone : 07735 036267



Gilmore Radio Club (GRC)



@Gilmoreradio



Gilmoreradioclub



Gilmoreradioclub

What an achievement!!

18 months in and we win a trophy at NARSA

Well done to everyone who has been involved in the website from the start, and thank you for all your input. Unfortunately we won't be winning it next year as the rules say we have to judge the competition the following year



Issue 8 - Final date for articles 28 August 2023

Publication Date - 12 September 2023

If you have an article you would like to send for the next issue, please let me have it no later than 28 August 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



July 2023

Every Tuesday	2m Net 145.375+/- 7.30pm
Every Sunday	2m CW Activity Net 144.064 +/- 4.00pm
Sunday 2	CW Training Net 50.080Mhz 6m 7.30pm
Thursday 6	Quiz Night at St Marys Church Hall
Sunday 9	CW 10m Net 28.080Mhz 7.30pm
Thursday 13	70cm Net 433,575 70cm 7.30pm
Sunday 16	CW Training Net 50.080Mhz 6m 7.30pm
Thursday 20	6m Net 51.550 FM 7.30pm
Sunday 23	80m CW Net 3.510Mhz 7.30pm
Thursday 27	C4FM Net 144.925Mhz 7.30pm
Sunday 30	CW Training Net 50.080Mhz 6m 7.30pm

August 2023

Every Tuesday	2m Net 145.375+/- 7.30pm
Every Sunday	2m CW Activity Net 144.064 +/- 4.00pm
Thursday 3	Radio Night at St Marys Church Hall 7.30pm
Sunday 6	CW 10m Net 28.080Mhz 7.30pm
Thursday 10	70cm Net 433,575 70cm 7.30pm
Sunday 13	CW Training Net 50.080Mhz 6m 7.30pm
Thursday 17	6m Net 51.550 FM 7.30pm
Sunday 20	80m CW Net 3.510Mhz 7.30pm
Thursday 24	C4FM Net 144.925Mhz 7.30pm
Sat/Sun 26-27	GRC will be taking part in BIWOTA at North Cheshire Cruising Club both days onboard NB Royal Oscar
Sunday 27	CW Training Net 50.080Mhz 6m 7.30pm

September 2023

Every Tuesday 2m Net 145.375+/- 7.30pm
Every Sunday 2m CW Activity Net 144.064 +/- 4.00pm

Sunday 3 CW Training Net 50.080Mhz 6m 7.30pm
Thursday 7 Club Night at St Marys Church Hall
Sunday 10 CW Training Net 50.080Mhz 6m 7.30pm
Thursday 14 70cm Net 433,575 70cm 7.30pm
Sunday 17 80m CW Net 3.510Mhz with Chris M0KCJ 7.30pm
Thursday 21 6m Net 51.550 FM 7.30pm
Sunday 24 CW Training Net 50.080Mhz 6m 7.30pm
Thursday 28 C4FM Net 144.925Mhz 7.30pm



Would you be interested in giving members of GRC 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

Club Nets

Gilmore Radio Club and North West Morse run nets on the following frequencies

GRC Nets	Frequency		NWM Nets	Frequency
70cm	433.575Mhz		2m CW	144.064Mhz
2m	145.375Mhz		6m CW	50.080Mhz
6m	51.550Mhz		10m CW	28.080 Mhz
C4FM	144.950Mhz		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
Alan G0ROW		Chris M0KCJ
Keith M0JYP		David M0WDD
Nigel 2E0CKA		
Adrian G0EHG		

As the holder of the callsign M0JUW, Keith M0JYP has give permission in writing for the following full callsign holders to use the club callsign. Notification in advance to be given to Keith M0JYP and Heth M6HNS for our records.

Alan G0ROW, David M0WDD, Robert M0NVQ and Chris M0KCJ

New Mast

Nigel 2E0CKA, Alan G0ROW and Keith M0JYP recently took a trip to Lamm Co to look at purchasing a new mast for the club to use on radio nights, and also on outdoor events.

This is what they bought



Test run at the club -
needs a sturdy base plate

Testing the base plate



With its
new
base
plate
and the
mast at
its
smallest
size



Ukraine Relief Project - NARSA 2023

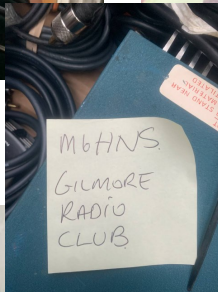
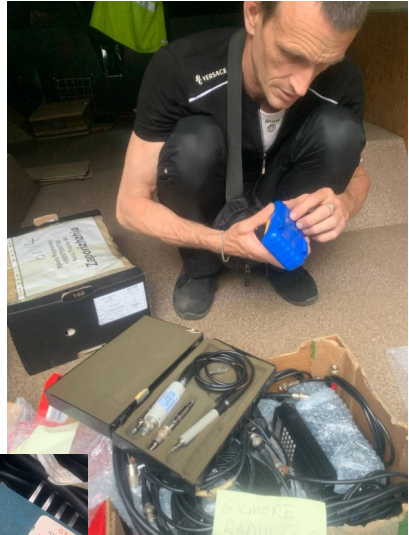
Richard G4HGI and his colleagues from Bolton Radio Club manned their own stand and also the Ukraine Relief Stand at the recent NARSA 2023 event in Blackpool.



A big thank you to everyone who gave goods to the stand. Their vehicles were very full on their return trip to Bolton. Below is a picture of the packed boxes ready to be shipped down south and over to Ukraine



Some Images of the items received in the Ukraine



Thank you to Rob 2E0OFF for the fantastic cheesecake that he made when we had the talk with our friends Peter M1PTR, Kieron M5KJM and Tom M0DCG. The cheesecake went down very well. I will say that it was not a small one, more the size of a roasting dish!!! Even the ladies running the polling station had a piece.

Unfortunately I cannot show you the cake, but this is all that is left



Also, thank you again to Rob 2E0OFF for the plaque below that he made in memory of Andy Finn 2E0GCL. This has been fixed on the Icom IC746 that was given to us by Janice, Andy's sister.



Membership

Membership of Gilmore 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

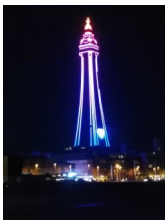
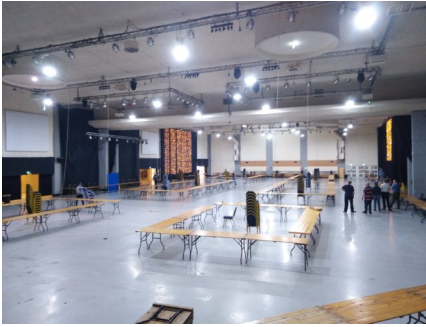


Our members



Adrian G0EHG	Alan G0ROW	Lee G2LK
Jim G4HPH	Bob GM4UYZ	Jim G6URD
Ray G7TQT	Brian G8NHN	Steve G8YTP
Graham M0IYP	Keith M0JYP	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	Simon M7AUC
Ron M7RJL	SWL - Kieron R	SWL - Tracy L

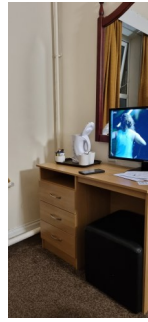
NARSA Set up



Photos supplied by
Chris Harrison G8KRG
NARSA secretary

Norbreck Hotel - Rooms

2 Different Rooms



Photos supplied by
Chris Harrison G8KRG - NARSA secretary (Left)
Heth Stanley M6HNS - GRC (Right)

NARSA - Pics from the event



More pics available at www.narsa.org.uk

Meet some of the NARSA team - I am sure there was a few from the team who were avoiding me with the camera



L-R Dave Wilson M00BW, Chris Harrison G8KRG, Mike Isherwood G4VSS

A Couple of Pics just for Fun



Nigel 2E0CKA (GRC) with John Shufflebotham 2E0CGX and Bill G4YWD From Wirral Amateur Radio Society



If anyone was following us on Twitter and Facebook, I did say I would catch someone on camera having a scoff!!!

All in good fun.



North  Morse
West
The Dedicated CW Division of
Gilmore Radio Club

**Gilmore Radio Club
CW Corner
News No 7,
by David M0WDD**

Welcome to CW Corner News No 007 from the friendly Gilmore Radio Club. In this issue – NWM at NARSA rally - latest North West Morse news – latest about the North West Morse CW nets – a look at FISTS – the new NWM WAKE UP CW ON 2M – more CW jokes – read on to find out more.

In this CW Corner News No 7:

1. NARSA rally on 23rd April - visitors to NWM
2. What's been happening with recent NWM CW nets
3. Our new WAKE UP CW ON 2M CW Activity Hour
4. A look at the excellent FISTS CW Club
5. Some more CW jokes to make you smile
6. And Finally



1. NARSA rally on 23 April - visitors to NWM

North West Morse, NWM, were delighted to be part of the GRC exhibition stand at the NARSA rally in Blackpool back in April, and special thanks go to Heather M6HNS for organising the excellent NWM exhibits and leaflets on display. We had some interesting visitors.

NWM was pleased to meet visitor Alex G7KSE, our most northerly NWM CW net contact, based in St Bees in Cumbria. Alex chatted with us about weak signal propagation, SOTA activations and the challenges of outdoor CW. Perhaps there is an idea there for a future NWM SOTA activity?



I was then pleased to meet Lynda G6QA from Bury Radio Society, who has taught Morse code over many years. Linda explained how she currently teaches Morse using 2m FM, hosting weekly evening sessions with her students. Hearing about CW being taught in this way was encouraging. Her students call themselves her “victims”. It’s good to see they have a good sense of humour - essential in learning cw! Is there scope for NWM to support learning CW this way or run something similar, for example using Zoom?

We also spoke to other visitors included CW operators from further afield, for example from Edinburgh and Barrow in Furness. Some admitted to reading the GRC gazette and CW Corner. That was great news.

Later we met RSGB Regional rep, Martyn Bell M0TEB, and also the NARSA Exhibition Manager and former RSGB President Dave Wilson M0OBW. Both were very encouraging about our NWM CW activities and gave us very helpful tips and suggestions.

So overall, we really enjoyed meeting visitors to the GRC stand – a very successful day.

Now we’ll move on to tell you what has been happening with our busy NWM HF nets – where you can always find good CW practice and interesting chats.



Turn over for - What’s been happening with recent NWM CW nets

2. What's been happening with recent NWM CW Nets...?



NWM HF Nets

NWM has always been running cw nets on the HF bands, and early questions have always been about which frequency or frequencies are best for local cw net communications? Looking around, many UK clubs opt for 80m and sometimes 40m as a catch all for local and any visitors from further afield, depending on time of year and time of day. 80m is also very popular for uk wide cw training nets.

Under Chris' M0KJC leadership, NWM has experimented with different HF net frequencies each week, and this has evolved into Sunday evening nets, using a changing weekly sequence of 80m, 10m, and 6m. The idea was to see how propagation affected net participation with a view to finding the “best” frequency for local CW nets.

This was not how it turned out.....

The NWM CW nets very quickly attracted a core group of GRC CW enthusiasts and in the early days propagation conditions on a particular net frequency did determine who took part. So early NWM net communications, particularly on 80m, were seriously affected by QSB and background noise levels, with variations through the seasons and time of day, as well as interference, and skip distance issues. As well as this, participants have different rigs and antenna arrangements. So finding the “best” frequency did not turn out as expected.

What happened was that as the HF CW nets progressed through the weeks, participants changed and improved their stations. Participants deployed higher and/or more efficient antennas, acquired more rigs, and improved their skills decoding CW under difficult conditions.

So more use of rf gain/audio gain combinations, CW filters, and noise reduction features played an important part in how the NWM nets developed. Eventually all our core callers achieved good CW communications capabilities on every HF frequency our NWM nets used. That was a surprise and great to see.

So who have been the NWM net regular contributors?

Regular contributors joining Chris M0KJC and David M0WDD have been Jamie M1JSC, Graham M0IYP and more recently, Adrian G0EGH.

Each have made their mark in different ways. Jamie M1JSC, as well as promoting and running CW at QRP levels, chaired our first every NWM Straight Key net recently – definitely a future fixture when the time is right. Graham M0IYP always brings a good chat to the nets even when others are quieter, so always keeping the flow going. New club member Adrian G0EGH brings welcome new ideas, for example in his information about use of Ham Clock with a raspberry pi. So thank you to everyone. So overall, the net participants have made the nets all very enjoyable.

There is now one other NWM CW net to mention – WAKE UP CW ON 2M!



Read more on the
next page

3. NWM WAKE UP CW ON 2M Activity Hour, every Sunday 4pm



CW activity in 2m seems quiet these days and CW nets seem rare. Well mostly. Can we wake up CW on 2m?

There is however at least one exception. There is an excellent local 2m CW net on 4 evenings a week, run by Adrian G0EHG and Trystan G0KAY on 144.065 Mhz. This net runs at 7pm, Mon-Thur and participants take turns to each send 3 famous names, dates of birth, and a quote. It's all done for CW practice, so if you're interested, why not have a listen, and if interested you can contact Adrian. Trystan adds that you can also listen to this net on your local web sdr.

Otherwise, there seem to be a huge absence of CW on 2m. So does cw have a future on 2m? What are the pros and cons of using CW on 2m?

On the plus side, local 2m propagation is excellent with generally stable conditions. 2m FM seems well used, and you can hear many regular 2m FM club nets and a reasonable number of FM QSOs. There is also some CW activity but plenty of underused 2m frequencies.

On the minus side, 2m propagation only covers a limited area. However, this still can cover most of Greater Manchester and a little further afield, with a significant number of amateurs within this range. It would interesting to find out how many.

Further on the minus side, many modern multi band rigs do not have 2m CW capabilities, so equipment availability can be an issue. So to use CW on 2m ops may need to use older rigs or more specialise CW rigs. However the number of older rigs with CW capabilities is still substantial in Greater Manchester, but again It would interesting to find out how many.

So NWM decided to shake up CW on 2m and see what would happen. Hence the new NWM weekly “WAKE UP CW ON 2M” Activity Hour every Sunday afternoon. If you’re interested in this, please consider calling in.

This 2m Activity Hour currently takes place every Sunday afternoon, 4pm to 5pm on two frequencies; 144.064 MHz (main) and 144.060 MHz (second).

The aim is to attract two different types of CW operators – less experienced operators – and more experienced operators.

Overall, we want to encourage as many callers as possible, so QSOs need to be short within the hour. However, recognising that some ops make a great effort to call into the Activity Hour, for example from a portable location, and also that other ops may welcome longer QSOs too, we want to make provision for longer QSOs without putting off less experienced ops from calling in.

So the main frequency is for the less experienced operators looking for good basic QSO practice, either with a short rubber stamp QSO or a short rag chew QSO. The second frequency is for the more experienced operators looking for further practice and longer QSOs. Operators are also welcome to move from one frequency to the other.

Since the weekly WAKE UP CW 2M Activity Hour started in April 2023, a small core of 5-6 regular callers has built up each week, as well as occasional additional callers, and sometimes from a little out of the area. Callers also come from more than one local club, and NWM welcomes ops who may be in any club or not in a club, as all are welcome.

NWM is considering a new WAKE UP CW ON 70CM activity in the future. If you are interested in contributing to such an activity, please contact David M0WDD.

Moving on, we have looked at different CW organisations in recent CW Corner articles, including CWops and Long Island CW Club (LICW). Now here is some information on an excellent organisation closer to home – the FISTS CW Club.

4. A look at the excellent FISTS CW Club



The word “FISTS” came to be used during World War 2 to describe how morse code telegraphy operators could recognise who was sending morse code by the way the morse timings varied during transmissions – so the term FIST became known to describe a particular CW operator’s sending style. Experienced operators could tell who was sending by their cw “fist”.

Today FISTS is used in the name for the FISTS CW Club (International Morse Preservation Society) which supports the three aims of use, preservation and education of Morse code.

Founded in 1987, the FISTS CW Club has evolved and spread internationally, with these additional “Chapters” - The North American Chapter (FISTS Americas), the FISTS Down Under Chapter, and the East Asia Chapter all formed to provide similar services to local members in these areas.

The club is exclusively for CW operators, and welcomes use of CW at any speed, using any type of key. They are passionate about CW and the club offers a range of supportive activities for members, such as a monthly newsletter, range of on air activities, cw resources, and suggested FISTS frequencies to use on the bands.

On the suggested FISTS frequencies, members can call CQ FISTS for contacts with other members and non-members.

The FISTS focus to achieve their three main aims mentioned above, is on support, fellowship, guidance, and lots of on air activities, with help and encouragement where needed.



5. Can Morse code make you laugh even more? Try these extra jokes

Enjoying CW is all about and having fun communicating with CW and having a laugh is part of that. So here are three more CW jokes to make you smile:

What's the longest morse code message?

The 100 yard dash.

Got sent an apologies made up of dots and dashes.

I think it was in remorse code.

When I was at the zoo, I saw something like a frog tapping things out on a piece of wood.

Turned out it was a morse toad.

Have you any good Morse Code jokes to share with us? Let us know and we'll add them next time.



6. And Finally

Have you any suggestions, comments or requests for future articles? Please let us know.

Until next time, best wishes from David M0WDD, North West Morse, Gilmore Radio Club, June 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

Gilmore Radio Club Club Log Update

Dear members

We are now in the middle of June for clublog. Some nice logs with opening of higher HF bands 10/12 and 15 meters bring in some very nice DX.

Top of the list is Chris M0KCJ with 352 SLOTS and 157 DXCC with 97 DXCC worked on 10m. Some nice DX worked on 15m SSB V51MA Namibia, 15m SSB ZD7FT St Helena Islands, 15m CW ET3AA Ethiopia and 15m CW 5H6PJ Tanzania.

Second on the list myself with 180 SLOTS and 77 DXCC some of my DX worked 15m SSB HK3C Columbia, 15m SSB PJ2ND, Curacao, 15m SSB PY6RT Brazil and 15m SSB 9Z4CT Trinidad and Tobago

Third Adrian G0EHG with 159 SLOTS and 70 DXCC no logs to copy from QRZ. Ian M6LBI is doing well with his low power with 36 SLOTS 23 DXCC

There should be some night opening on 20m with some good DX and as we are getting some openings on 6m USB late afternoons and early evenings.

Please note we work on SLOTS not DXCC.

Thank you to all the members that have put logs in and if you're not a member of club log and need help please ask one of the team.

Alan G0ROW

G0ROW ranks 2

Rank	Callsign	160	80	60	40	30	20	17	15	12	10	6	DXCC	Slots ▼
1	M0KCJ	0	1	0	31	7	67	36	75	37	97	1	157	352
2	G0ROW	0	0	4	31	0	35	15	36	21	35	3	77	180
3	G0EHG	0	0	0	9	24	14	16	17	45	24	10	70	159
4	M6LBJ	0	0	0	1	0	16	4	8	1	6	0	23	36
5	G6URD+3	0	1	0	15	0	10	0	5	0	0	0	25	31
6	2E0OFF	0	0	0	5	0	9	1	1	0	2	0	14	18
7	M1JSC	0	2	0	3	2	3	0	0	0	1	1	8	12
8	2E0CKA	0	0	0	0	0	0	0	0	0	0	1	1	1

You can link to your club here: <https://clublog.org/league.php?club=288>

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.



Club log is now set up for Gilmore Radio Club. If you wish to join Club Log please follow the information below. If you wish to join GRC DXCC league in Clublog, please follow these instructions:

- ◆ Register your details with Clublog at www.clublog.org
- ◆ Click '**settings**' and then go to the '**clubs**' tab
- ◆ Select Gilmore Radio Club (once set up) and click '**join club**'



Your membership of GRC will show as pending until approved by the Administrator

Links

- ◆ RSGB www.rsgb.org
- ◆ Ofcom www.ofcom.org.uk
- ◆ QRZ.com www.qrz.com
- ◆ Raynet www.raynet-uk.net
- ◆ BYLARA www.bylara.org.uk
- ◆ Ham Links www.eham.nets
- ◆ UKFM Grp www.ukfmgrw.org.uk
- ◆ ARRI www.arri.org
- ◆ SOTA www.sota.org.uk
- ◆ Hack Green 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

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

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

Repeaters - www.ukfmgw.co.uk

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

Popular Bands

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

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NARSA
(Northern Amateur Radio
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