

DORSET AMATEUR RADIO SOCIAL NETWORK

Technical Supplement

August 2026

www.darsn.co.uk

In this issue:

- POTA and 145 Alive News
- Camperham News
- GB3OF joins Echolink
- DX News
- XIEGU New Release!



Lindsay - M9LIN
Secretary / Treasurer



Bill - M9WEG
Chairman



Tim - M9WWA
Editor

Events in August

Flight Refuelling ARS Hamfest
August 9th

The Angel Inn
Wareham
Darsn Meetup

CamperHam Weekend
August 28th - 31st

See page 4 for more.

Nets

Mondays	No Darsn Net
Tuesdays	145.400 FM
Wednesdays	70.375 FM
Thursdays	Zoom Chat
Fridays	No Net
Saturdays	GB3OF
Sundays	144.375 USB

All details can be found on our Facebook
page



Contact Us:

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Callsign Changes

Peter G0PDF was G0JJI
 Lins M9LIN was 2E0VDD
 Tim M9WWA was 2E0TPH
 Bill M9WEG was 2E0WEG
 Mark M9LEG was 2E0VOV
 Jon M9VFR was 2E0WJD
 Other Callsigns you may hear
 David M0KYN (Club Callsign Holder)
 Reece M7DVX
 Martin M7HQU
 Neale M7NED
 Dave G7RSD
 Glyn M6OVN
 Mike G3SED
 Ron 2E0JPD
 Roger M0RJL

Your Projects Wanted !

Have you got a project that you would like to share with us?

You can submit articles / projects for inclusion here by sending them to the Editor.

Submissions should be tested and be of your own work. We cannot and will not publish anything we feel is Copyrighted material.

Anything is considered.

DARSN NETS!

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No DARSN Net on a Monday BUT, you are all welcome to Join in the Monday Evening Net on 145.375MHz (FM) hosted by [Poole Radio Society](#).

Check out the [NETS](#) Page for more details on Nets in the area.

DARSN would like to thank all of our volunteers who give up their time and resources to run the Nets. You are very much appreciated.

Misc News

You can now make donations to the upkeep of the repeater GB3OF. Donations are put towards the maintenance and future proofing. It does cost money to run and to keep the lights on.

We would appreciate a donation, no matter how small or insignificant you think it is. Every little bit helps.

To make a donation, scan the QR Code to the right or visit the [Donation](#) Page.

GB3OF is due to be linked with Echolink (GB3OF-R)
 Further details can be found on the official [DARSN Website](#).

Please leave a few seconds between overs to allow the Echolink system to catch up!



All of the Arduino code that is used in the Newsletter articles can be found online at <https://www.wavewizards.org/arduino/> for those who are not viewing the Newsletter in it's intended form. Any questions, please ask me.

You will also find the links to respective libraries and code on the respective page.

August is the peak Month for Ham Radio Rally events.

Please support your local Radio Rally. There are often facilities such as Tea, Coffee and the all important Bacon Roll.

We will be attending Flight Refueling Rally with a mixture of goods and DARSN Merch up for sale. Come look us up and pick up a bargain.

<https://www.wavewizards.org/radio-rallys/>

Don't forget that the Bandplans can be found on the RSGB Website in different formats. My favourite is "Tabbed HTML" which can be found here:

https://rsgb.services/public/bandplans/html/260125_rsgb_band_plan_2026.htm

Whilst I am going through some RSGB News, I would like to point out that the OLD QSL Card Address has now changed. If you are a RSGB Member and wish to use the QSL Card service, you now have to send your cards to:

RSGB QSL Bureau
 PO Box 73
 20 St. Loyes Street
 Bedford
 MK40 1ZL

If you wish to use a quicker service, you can send directly to D.A.R.C or upload your .adi file to them, there is a cost involved however and you can find out more by going to: https://qslshop.de/DARC-QSL-Service-GmbH_1

You can still pay a small fee if you are NOT a member and get your incoming cards sent to your address. For more information please go and take a look at:

<https://rsgb.org/main/operating/qsl-bureau/>

You will need to send envelopes to your [QSL Sub Manager](#)

DX News					
Start	End	VUCC	CALL	QSL Via	Info
2026 Aug05	2026 Aug10	Bahamas	C6AYM	LoTW	By K9GY; 80-6m; CW; QRV for WAE CW
2026 Aug05	2026 Aug12	Aland Is	OH0ERF	DK0ERF	By DL1TAM DL5AXI DL5ARI DO6KD DL1STL DG0OCG; 160-10m, perhaps 6m; CW SSB FT8; holiday style operation
2026 Aug06	2026 Aug10	Aruba	P40AA	DL4MM	By DL4MM; 160-6m; CW SSB + digital; QRV for WAEDC Contest (SO HP)
2026 Aug07	2026 Aug14	El Salvador	YS	LoTW	By WE9G as YS/WE9G fm EK53hl; 160-6m; mostly FT8 FT4 FT2, some CW SSB; QSL via Club Log OQRS
2026 Aug08	2026 Aug09	Tajikistan	EY35S	LoTW	By YL1ZF YL2KL; QRV for WAE DX CW, M/S; QSL via W0VTT
2026 Aug15	2026 Aug16	Namibia	V55LH	LoTW	By V51Q V51F V51W0; 80-10m; SSB CW FT8
2026 Aug15	2026 Aug22	Market Reef	OJO	LoTW	By OH3JR as OJOJR and OH2YL as OJOYL; 80-10m; CW SSB FT8; QSL via Club Log OQRS
2026 Aug15	2026 Aug29	Franz Josef Land	R11FJL	LoTW	By R7AL RW8A RW9JZ UA3QLC UA4Z RA4DX; 160-10m; CW SSB
2026 Aug18	2026 Aug29	Canary Is	EA8	IZ1GDB (B/d)	By IZ1GDB as EA8/IZ1GDB fm Mogan, Gran Canaria; 40 20 15 10m
2026 Aug25	2026 Oct10	Namibia	V51WH	DK2WH	By DK2WH fm nr Omaruru; 160-6m, incl 60m; QRV as V55Y in CQWW RTTY Contest
2026 Aug28	2026 Aug30	Liechtenstein	HB040A	LoTW	By Liechtenstein Radio Amateur Association ops; HF; SSB FT8 FT4
September					
2026 Sep01	2026 Sep12	Grenada	J3	LoTW	By MM8IJU as J38LD and GM5RDX as J38DX fm IOTA NA-024; 80-6m; SSB FT8 FT4; QSL via M00XO
2026 Sep04	2026 Sep07	Palau	T88PB	LoTW	By JAOJHQ fm Koror I (IOTA OC-009, PJ77fi); HF; CW; QRV for All Asia DX SSB; QSL via JAOJHQ direct
2026 Sep04	2026 Sep11	Kosovo	Z68PX	LoTW	By IZ2DPX fm Grashtice; 60-6m; SSB FT8 FT4; vertical, dipoles; QSL via Club Log OQRS or IZ2DPX (B/d)
2026 Sep04	2026 Sep12	Vietnam	3W9C	LoTW	By SP5APW fm Hon Son I (IOTA AS-128); focus on 6m, some 20 15 10m; QSL via Club Log OQRS
2026 Sep23	2026 Sep29	Bermuda	VP9I	LoTW	By N7NU WJ7R K7AR; @VP9GE; CQWW DX RTTY; QRV Sep 23-29 as N7NU/VP9; HF; SSB CW + digital; QSL via N7NUTDDX
2026 Sep30	2026 Oct11	Dem Rep Congo	9TOMD	LoTW	By MDXC Team; 160-6m; SSB CW FT8 RTTY; QSL via IK2VUC (B/d)
3					

Events Guide

We are planning lots of events for 2026. I will try to dedicate a full page every issue so you can see whats coming up!



CAMPERHAM
WEEKENDS AT CHURCH FARM!

DATES FOR YOUR DIARY 😊

- 29th May – 1st June
- 26th June – 29th June
- 17th July – 20th July
- 28th Aug – 31st Aug

Caravans, campervans and tents welcome – let me know if you can make it 😊🙏

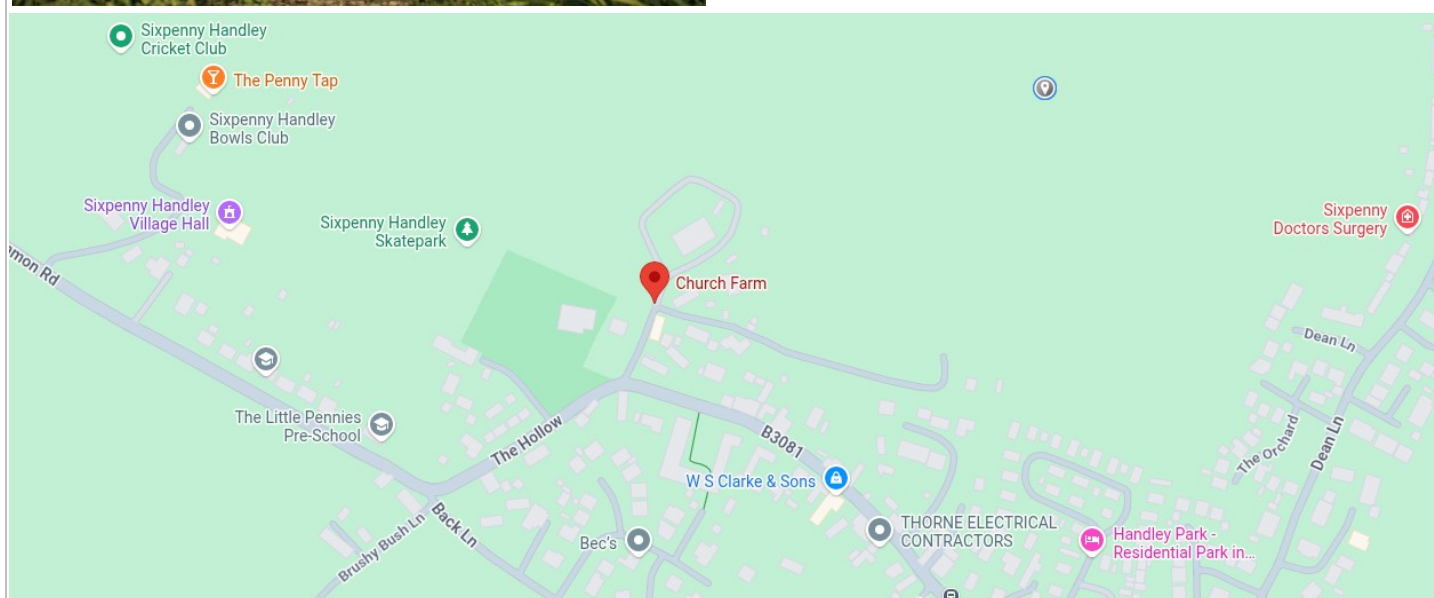
Day visitors are welcome but please consider a £5 donation to the club funds 😊🙏

M9LIN

Camper ham weekend Friday to Monday, nightly charges apply for campers, day visitors are also welcome, but a donation of £5 per day would be welcome to the club funds - free tea and coffee available.



Church Farm Caravan and Camping Park, High Street, Sixpenny Handley, Nr Salisbury, Wiltshire, SP5 5ND



You can find all our Events on our [Facebook Group](#), [Darsn Website](#) or [Wavewizards.org](#)

Events (Continued)



The next 145Alive event takes place on the Sun 13th September 2026

The 12th July event was a huge success with 53 Nets across the UK and 10 in Norway.

2081 Contacts were made in total for this event with 1245 unique callsigns. A huge thank you to everyone who takes the time to take part in these events. Would you be interested in hosting a 145Alive net? Please take a look at <https://145alive.com/>

Parks on the Air

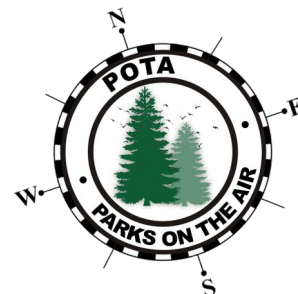
Support Your Parks Weekends:

Winter - 3rd Full Weekend of January. January 16-17, 2027

Spring - 3rd Full Weekend of April. April 17-18, 2027

Summer - 3rd Full Weekend of July. July 18-19, 2026

Autumn - 3rd Full Weekend of October. October 17-18, 2026



Darsn meet up, for eats, drinks & or just a chat - [The Angel Pub, Bere Road, Wareham, BH20 7PA](#) Saturday 22nd August 2026 from 12PM

If you wish to dine with us please make your choice from the [MENU](#) and contact [Lindsay](#) with your requests. If you wish to order when you get there, we cannot guarantee a timely service on your food delivery time.

Members of the public (non Darsn members) are of course, more than welcome to attend and join in with the rest of us. This is not an exclusive club! Why not bring your friends along for a day out or just for an hour or two and get away from the daily grind!

The DARSN Camperham Weekend is taking place on the 28th - 31th August

This event has been one of our best attended events since DARSN was founded.

Located at Sixpenny Handley (See Page 4 Above)

Come play Radio and chill with a beer and a friendly chat. You are welcome to stay over for the night if you wish or just pop in for a few hours. Whatever your choice, pop along and say hello.

We look forward to seeing you!

Xiegu G7250 100Watt Transceiver



The Xiegu G7250 is a 100W HF and 50 MHz direct-sampling SDR transceiver with a separate 7-inch touchscreen controller, physical controls and a built-in automatic antenna tuner.

Designed for amateur radio operators looking for flexible station installation, modern signal processing and full-power HF operation in a compact split-radio format.

Price to be confirmed and pre-orders can be taken on the [Xiegu Website](#).

The Xiegu G7250 is a split-type SDR transceiver covering the HF amateur bands and 50 MHz. Its separate controller and RF unit give operators greater freedom when arranging a home station, mobile installation or even in the field.

The radio uses direct RF-sampling technology and delivers up to 100 W on HF and 90 W on 50 MHz. The detachable controller combines a high-resolution 7-inch capacitive touchscreen with conventional buttons and tuning controls, allowing the operator to choose between touch operation, physical controls or a combination of both.

A spectrum scope and waterfall display provide a clear view of band activity, while adjustable digital filters, digital noise reduction, noise blanking and noise-threshold processing help improve reception under difficult band conditions. The G7250 also includes voice recording, message playback, preset CW messages and network-based baseband signal transmission.

The built-in automatic antenna tuner covers a stated impedance range of 20–150 Ω and stores tuning settings for each band. Previously stored settings can be recalled in no more than 0.1 seconds, making band changes faster when using the same antenna system.

Key Features

- Direct RF-sampling SDR architecture
- HF and 50 MHz amateur-band operation
- Up to 100 W output on HF / 90 W on 50 MHz
- Separate RF unit and detachable control head
- 7-inch (17.8 cm) high-resolution capacitive touchscreen
- Physical tuning controls and operating buttons
- Spectrum scope and waterfall display
- SSB, CW, NFM, AM and digital operating modes
- Adjustable digital receive filters
- Voice recording and playback for repeated calling
- Preset CW message transmission
- Built-in automatic antenna tuner with band memories
- Network-based remote baseband signal transmission
- Digital noise reduction
- Noise blanker and noise-threshold processing

Frequency coverage	0.5–30 MHz and 50–54 MHz
Operating modes	SSB, CW, NFM, AM and DIG
Minimum tuning step	1 Hz
RF output power HF: 100 W	± 1 dB; 50 MHz: 90 W ± 1 dB
External power supply	9–15 V DC
Receiver sensitivity	0.2 μ V for SSB, CW and FM; 2 μ V for AM
Minimum discernible signal	–138 dBm
Operating temperature	0–55 °C (32–131 °F)
Spurious suppression	≥ 55 dB
Carrier suppression	≥ 40 dB
Sideband suppression	≥ 50 dB
SSB frequency response	300–2700 Hz at –6 dB
FM deviation	± 5 kHz
Microphone impedance	200 Ω –10 k Ω
ATU matching range	20–150 Ω
Initial tuning time	≤ 10 seconds
Memory tuning time	≤ 0.1 seconds

Well, that's this end of the August Newsletter. I hope you have enjoyed this issue.
We have had to scale back the size of the Newsletter until the Autumn.

The Editor would also like to go and play Radio and I hope this resonates with you.

Join the [Facebook Group](#) to get the newsletter or view it online <https://www.darsn.co.uk>.
You can also download the archive at www.wavewizards.org/newsletter

As usual, a huge thanks to everyone who go out and participate in events and meet ups.
Until next time, keep those finals warm. 73's Tim [M9WWA - Ed]

Make a Donation <https://pay.collectiv.com/dorset-amateur-radio-social-network-running-costs-33420>

Lots of merchandise available check out the Online Store for details, let me know if you would like anything.

Caps, t-shirts, key rings, sweatshirts, hoodies, chopping boards, pens, lanyards, note books, mugs etc

We are a not for profit club and all proceeds go towards keeping the club going.

Thank you for your support M9LIN



DARSN