

QO-100 QSO Log

Walthew House

Saturday 9th March 2024

Club callsign: GX8SRS

Local Time	Station	Name	Locator Sq.	Town/Country	Report Sent / Rec'd
11:09	OH5LK	Jussi	KP20LF	Helsinki, Finland	59 / 59
11:14	DH7IF	Michael	JN49IK	Heidelberg, Germany	59 / 59
	PP2RON	Ron	GH53JG	Goiania, Brazil	59 / 59
11:23	PY2ZZ	Mario	GG66MM	Sao Paulo, Brazil	49 / 59
13:13	TF1A	Ari	HP94BC	Reykjavik, Iceland	59 / 59

Details:

- Downlink Frequency: 10, 489,815.00 kHz (from Goonhilly Web SDR)
- FT-817 (70cms) IF: 432,817.25 kHz
- Uplink frequency: 2,400.315 kHz (from AMSAT Bandplan)
- Mode: USB Voice
- Power (W): 10
- Operator: Nigel, M0VNL

Local Time	Station	Name	Locator Sq.	Town/Country	Report Sent / Rec'd
13:39	TA4SO	Sadan	KM47EE	Mugla, Turkey	59 / 59

Details:

- Downlink Frequency: 10, 489,780.00 kHz (from Goonhilly Web SDR)
- FT-817 (70cms) IF: 432,782.25 kHz
- Uplink frequency: 2,400.280 kHz (from AMSAT Bandplan)
- Mode: USB Voice
- Power (W): 10
- Operator: Nigel, M0VNL

SRS QO-100 Portable Kit:

Transceiver: Yaesu FT-817

DX-Patrol QO-100 Full Duplex Groundstation (Version 1)

DX-Patrol QO-100 LNB

DX-Patrol Helix High Performance Antenna

<https://dxpatrol.pt/>

Maclean TV Systems 65cm Satellite Dish

<https://euroelectronics.co.uk/collections/maclean/products/satellite-dish-maclean-tv-system-phosphated-steel-graphite-65cm-mctv-926>

4-5m/15ft (Standard Twin, RG6) Satellite coax: Signal & LO from LNB

4-5m/15ft LMR400 Satellite coax: Groundstation transmit to Helix antenna

Telescopic Tripod Mast

Lenovo Ideapad

- RTL SDR and SDR# - primarily used for dish alignment; beacon signals
- Qatar-OSCAR 100 Narrowband WebSDR (Goonhilly Earth Station, Cornwall)

<https://eshail.batc.org.uk/nb/>

12V 70AH Leisure Battery

300W 230V Mains Inverter

Sotabeams PowerPole[®] Fused DC Connector Box

Ancillary DC and coaxial cables and connectors.