



General Logging software  
used by AAØO

<http://aa0o.radio>

# Log4OM v2 by IW3HMH

<https://www.log4om.com/>

- FREE
- Supports real database(MySQL)
- Syncs to other logs (QRZ.com, LOTW, ClubLog, eQSL, etc.)
- Connects to everything (WSJT-X, Fldigi, Flex, etc)

+  
•

LAST 20 QSO'S FOR AAØØ:

 J62K	Saint Lucia 2025-03-31 20m/CW
 TO1P	Saint Barthelemy 2025-03-28 10m/FT8
 3B9DJ	Rodriguez Island 2025-03-28 15m/FT8
 OS4K	Belgium 2025-03-24 10m/FT8
 PD7RF	Netherlands 2025-03-24 10m/FT8
 ISØBOZ	Sardinia 2025-03-24 10m/FT8
 9A3GDR	Croatia 2025-03-24 10m/FT8
 N4DW	US-TN 2025-03-20 80m/CW
 N4BA	US-VA 2025-03-20 80m/CW



RX TX **28049.570** **0000000000** RX TX 1 Azimuth 82° 262°

**3B9DJ** S 599 R 599

David Beran Grid **MH10rg** Start 3/31/2025 23:48:08 End 3/31/2025 23:48:08

Band 10m Mode CW Country Rodrigues Is. Comment Note

ITU 53 CQ 39 **207**

Freq 28049 570 RX Freq 28049 570 RX Band 10m

Stats (F1)

NEW  
NEW  
Country  
**QSL**  
**EQSL**  
**LOTW**

207 1  
PH  
CW  
DIG



Kp: 0 (Quiet) A: 0 SFI: 171 Sunspot: 111

Azimuth

82°

262°

Elevation

0

Stats (F1)

Info (F2)

Awards (F3)

My (F4)

Extended (F5)

NEW ONE

NEW BAND

NEW MODE

NEW GRID

GRID BAND

GRID MODE

Country - Call

10m - Call

CW - Call

QSL

QSL

QSL

EQSL

EQSL

EQSL

LOTW

LOTW

LOTW

207 160 80 60 40 30 20 17 15 12 10 6 4 V U

PH



CW




DIG



80m

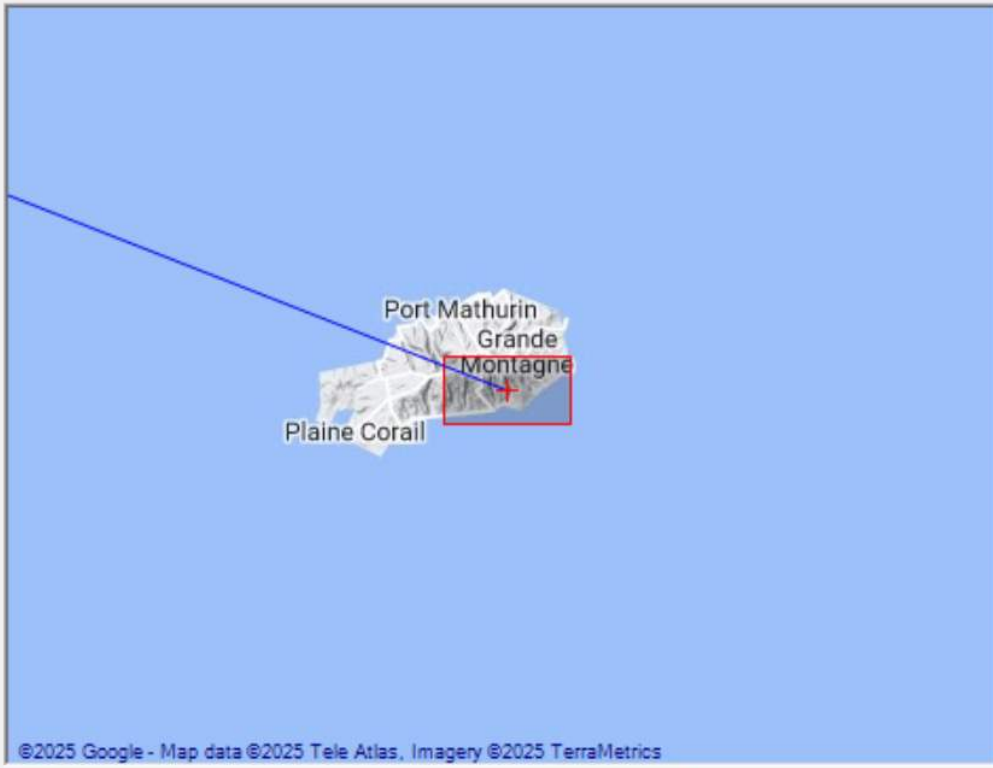
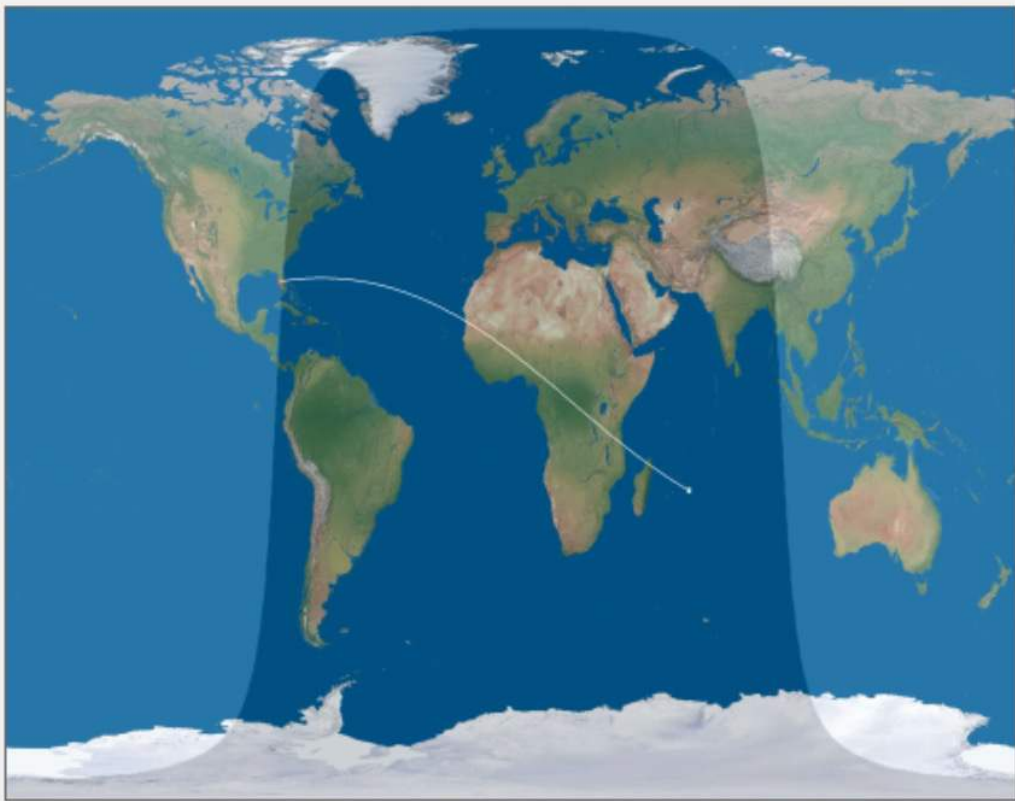


ITU 53 CQ 39 207  

Freq KHz Hz KHz Hz  
 28049 570  RX Freq 28049 570  RX Band 10m 

207	160	80	60	40	30	20	17	15	12	10	6	4	V	U
PH														
CW														
DIG														

Main (F6) Recent QSO's (F7) Cluster (F8) Propagation (F9) Worked before (F10)

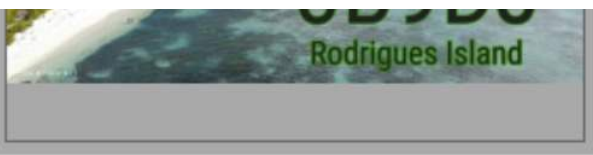


MH10rg SP 82.77 LP 262.77 16468 Km 

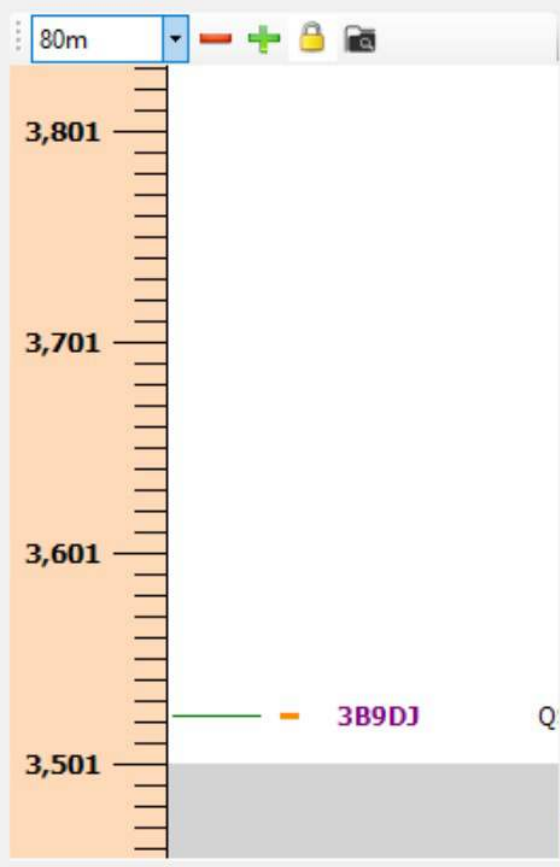
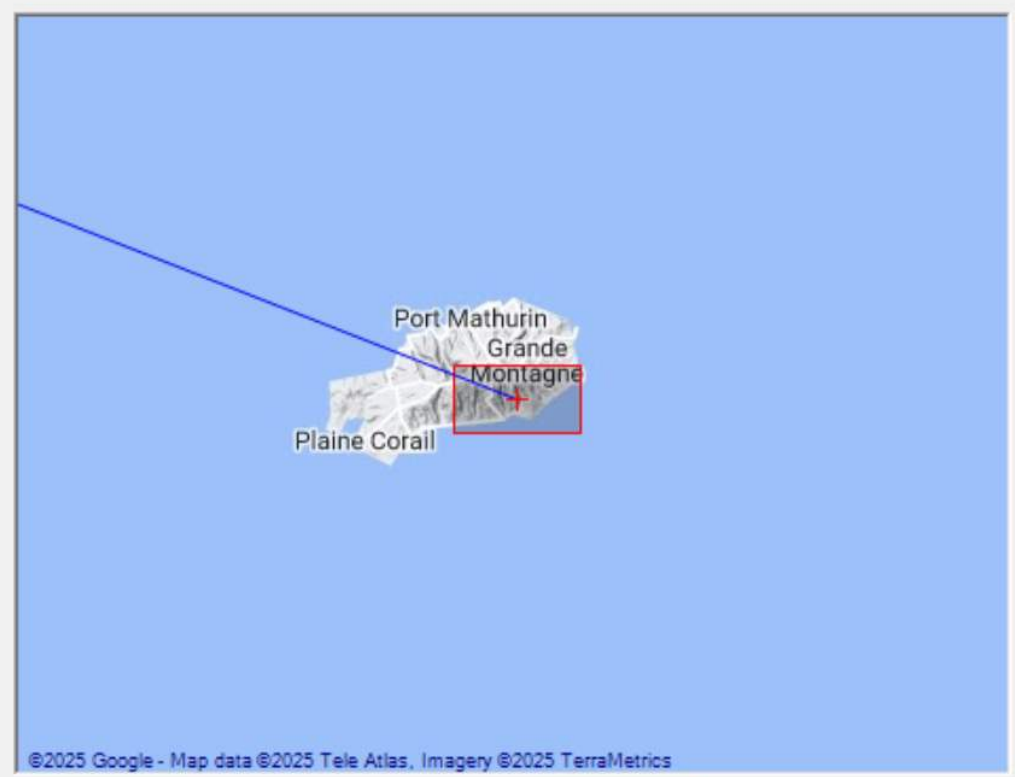
QSO Count 20931  Cluster server  Super Cluster  CAT  FLDigi  Chat 

Hz 570 RX Band 10m

207	160	80	60	40	30	20	17	15	12	10	6	4	V	U
PH														
CW														
DIG														



ation (F9) Worked before (F10)



55 UTC

MH10rg SP 82.77 LP 262.77 16468 Km ?

Scale 1x WKD BAND MODE

CAT FLDigi Chat

10.1.2.7:3306

Main (F6) | Recent QSO's (F7) | Cluster (F8) | Propagation (F9) | Worked before (F10)

Qso Date	Callsign	Band	Mode	Dxcc	Country	Name	Freq	Rst Sent	Rst Rcvd	Com
3/28/2025 13:32:00	TO1P	10m	FT8	516	Saint Barthelemy	Janusz	28097...	+02	+12	
3/28/2025 12:36:00	3B9DJ	15m	FT8	207	Rodriguez Island	David	21093...	-19	-03	
3/24/2025 16:23:00	OS4K	10m	FT8	209	Belgium	Ben	28076...	-19	-13	
3/24/2025 16:22:00	PD7RF	10m	FT8	263	Netherlands	Frits	28076...	-08	-20	
3/24/2025 16:21:00	IS0BOZ	10m	FT8	225	Sardinia	Manuel	28076...	-14	-01	
3/24/2025 16:18:00	9A3GDR	10m	FT8	497	Croatia	Darko	28076...	-09	-20	
3/20/2025 03:40:47	N4DW	80m	CW	291	United States	David A Wilson	3529....	599	599	
3/20/2025 03:40:18	N4BA	80m	CW	291	United States	Frederick H Essig	3538....	599	599	
3/20/2025 03:39:09	ZF2VE	80m	CW	69	Cayman Islands	Gerald B Hull	3530....	599	599	
3/20/2025 03:38:46	N2NT	80m	CW	291	United States	Andrew P Blank	3530....	599	599	
3/20/2025 03:38:20	K3MM	80m	CW	291	United States	Tyler G Stewart	3532....	599	599	
3/20/2025 03:36:59	N6CHU	20m	CW	291	United States	Robert H Huntsman	14036...	599	599	
3/20/2025 03:35:27	WJ9B	20m	CW	291	United States	Willie L Baber	14035...	599	599	
3/20/2025 03:34:14	N2YO	40m	CW	291	United States	Ciprian Sufitchi	7034....	599	599	
3/20/2025 03:32:30	K1VUT	80m	CW	291	United States	David A Clemons	3530....	599	599	





ITU 53 CQ 39 207

Freq 28049 KHz 570 Hz RX Freq 28049 KHz 570 Hz RX Band 10m

PH CW DIG


Main (F6) Recent QSO's (F7) Cluster (F8) Propagation (F9) Worked before (F10)

Cluster Map

Date	Time	Spot Mode	Callsign	Frequency	Flag	Country	Reliability	Band
20250331	2336Z		LU3MCG	28460.0		Argentina	80	10m
20250331	2335Z		CE8MGZ	28467.0		Chile	87	10m
20250331	2333Z		CO6XX	14310.0		Cuba	100	20m
20250331	2330Z	FT8	3B9DJ	10143.0		Rodrigues Is.	5	30m
20250331	2324Z	FT8	T77NC	10136.0		San Marino	57	30m
20250331	2307Z	FT8	R9LE	10136.0		Asiatic Russia	54	30m
20250331	2245Z		TY5FR	10119.0		Benin	45	30m
20250331	2158Z		3B8DJ	10103.1		Mauritius	11	30m
20250331	2148Z		3B9DJ	10103.0		Rodrigues Is.	5	30m
20250331	2131Z		OH100IARU	10111.0		Finland	28	30m
20250331	2125Z	FT8	IK4LZH	10136.0		Italy	57	30m
20250331	2124Z		IK4JQQ	10126.0		Italy	57	30m

Statistics Filters Beam View

207 - Rodrigues Is.

Band	PH	CW	DIG
80m			
40m			
30m			
20m		C	
17m			C
15m		C	C
12m			
10m		C	
6m			

View: Worked

CONNECTED SC DISCONNECTED Last update: 3/31/2025 23:36:06

Hide info >>

QSO Count 20931 Cluster Cluster server Super Cluster CAT FLDigi Chat

30m

10,30

10,20

10,10

10,00

Scale 1:

Reliability	Band
80	10m
87	10m
100	20m
5	30m
57	30m
54	30m
45	30m
11	30m
5	30m
28	30m
57	30m
57	30m

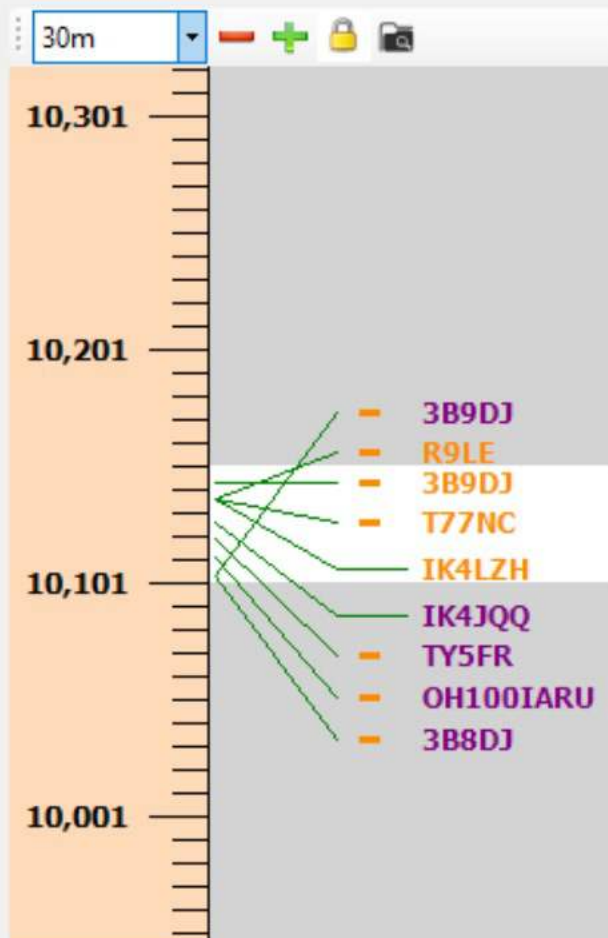
Statistics Filters Beam View

207 - Rodrigues Is.

Band	PH	CW	DIG
80m			
40m			
30m			
20m		C	
17m			C
15m		C	C
12m			
10m		C	
6m			

View: Worked

Hide info >> 



Scale 1x WKD BAND MODE

10.1.2.7:3306

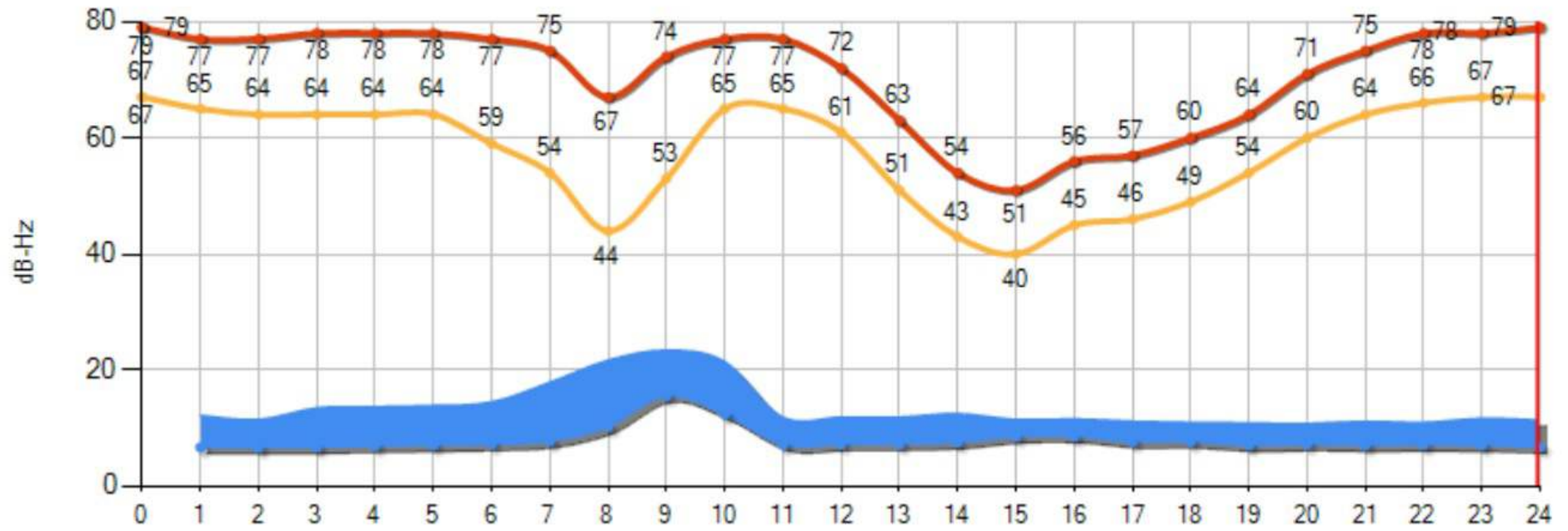
Main (F6) Recent QSO's (F7) Cluster (F8) Propagation (F9) Worked before (F10)

Graph RAW data Propagation

Select Band 20m

EL87ps -> FK93lu [Req. SNR: 50]

S/N Ratio Circuit reliability SdBW



Main (F6) Recent QSO's (F7) Cluster (F8) Propagation (F9) Worked before (F10)

Graph RAW data Propagation

[GRID: EL87ps - TX PWR: 100.0 - SS: 111 - BAND: 20m - HOUR: 23 UTC]

Generate

Band

20m



Plot S/N Ratio (SNR<sub>xx</sub>)

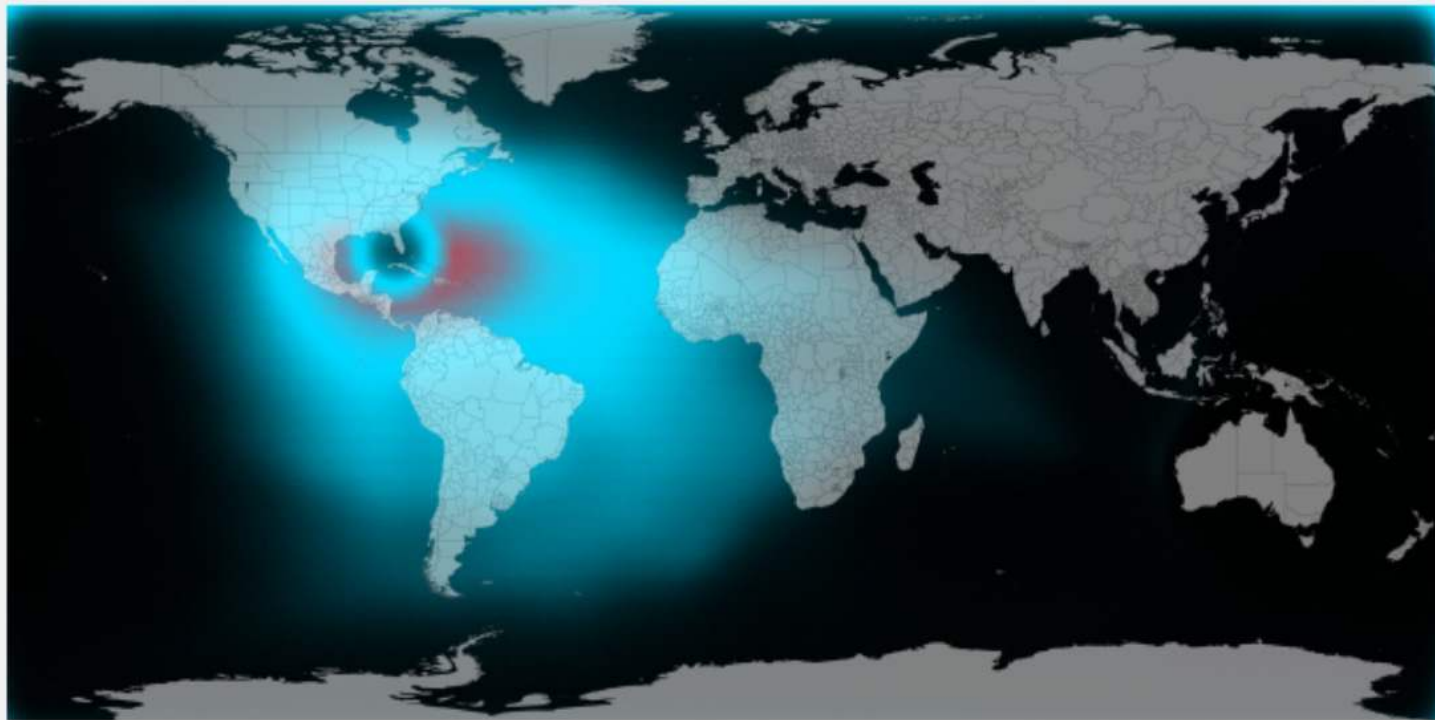


Plot SdBW



Plot Reliability

Palette 1



Main (F6) Recent QSO's (F7) Cluster (F8) Propagation (F9) Worked before (F10)

Callsign	Qso Date	Band	Mode	Dxcc	Country	Freq	Gridsquare	Rst Rcvd	Rst Sent	Lotw Received	R
NY4I	4/25/2021 21:35:11	40m	CW	291	United St...	7032.690	EL87	599	599	Yes	
NY4I	7/18/2020 21:37:52	20m	RTTY	291	United St...	14109.990	EL87ot	599	599	Yes	
NY4I	2/9/2019 02:09:20	40m	RTTY	291	United St...	7095.470	EL87	599	599	Yes	

Station Callsign

- Agalega \_St. Brandon Is.
- Aland Island
- Alaska
- Albania
- Algeria
- American Samoa
- Andorra
- Angola
- Anguilla
- Annobon Is.
- Antarctica
- Antigua \_Barbuda
- Argentina
- Aruba
- Ascension Is.
- Asiatic Russia
- Austral Is.
- Australia
- Austria
- Azerbaijan
- Azores
- Bahamas
- Baker \_Howland Is.
- Balearic Is.
- Barbados
- Belarus
- Belgium

- Statistic view by
- Worked
  - QSL
  - EQSL
  - LOTW**
  - QRZCOM
  - HAMQTH
  - HRDLOG
  - CLUBLOG

Band and mode Date range Contact data Additional filters

Band filter	Mode filter
<input checked="" type="checkbox"/> 80m <input type="checkbox"/> 40m <input type="checkbox"/> 30m <input type="checkbox"/> 20m <input type="checkbox"/> 17m	<input checked="" type="checkbox"/> CW <input type="checkbox"/> FT4 <input type="checkbox"/> FT8 <input type="checkbox"/> LSB <input type="checkbox"/> RTTY
0 items selected	0 items selected

Callsign	Qso Date	Confirmation Type	Sent	Received	Sent Via	Received Via	Sent Date	Rece Date
C37N	11/25/2023 0...	LOTW	Yes	Yes	Electronic	Electronic	11/27/2023 0...	11/28/...
C37AC	7/10/2022 02...	LOTW	Yes	Yes	Electronic	Electronic	7/10/2022 00...	7/13/...
C37N	2/13/2022 04...	LOTW	Yes	Yes	Electronic	Electronic	2/21/2022 00...	2/21/...
C37AC	4/6/2021 20:...	LOTW	Yes	Yes	Electronic	Electronic	4/6/2021 00:...	4/11/...
C31CT	3/11/2019 19...	LOTW	Yes	Yes	Electronic	Electronic	3/12/2019 00...	1/30/...

Award **DXCC** | DXCC | Import data 🗑️

Award view | Award filters | Statistics | Maintenance | Massive editor

Predefined config

All 
  Wkd 
  Not wkd 
  Wkd not cfmd

Show only valid references

Sub group details

Award view

Detailed (mode) statistics

Strict mode ?

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Station

My gridsquare

WORKED

CONFIRMED

VALIDATED

SUBMITTED

GRANTED

🌙 🌐

Reference	Reference	Reference	Country	160m	80m	40m	30m	20m	17m	15m	12m	10r
40	SV9 - Crete	EU	Crete			V			V			
41	FT5W - Crozet I.	AF	Crozet Is.				V	V				
43	KP5 - Deseche...	NA	Desecheo Is.									
45	SV5 - Dodeca...	EU	Dodecanese					V				
46	9M6 - East Mal...	OC	East Malaysia									
47	CE0Y - Easter I.	SA	Easter Is.			W	W	V	V	W	V	V
48	T32 - E. Kiriba...	OC	Eastern Kiribati					V				
49	3C - Equatorial...	AF	Equatorial Gui...							V		
50	XE - Mexico	NA	Mexico		V	V		V	V	V		V
51	E3 - Eritrea	AF	Eritrea									
52	ES - Estonia	EU	Estonia		W	V		V		V		
53	ET - Ethiopia	AF	Ethiopia									
54	UA - European...	EU	European Russia		V	V	V	V	V	V	W	V
56	PY0F - Fernan...	SA	Fernando de ...					V	W	V	W	V
60	C6A - Bahamas	NA	Bahamas		V	V		V				
61	R1F - Franz Jo...	EU	Franz Josef Land									
62	8P - Barbados	NA	Barbados		V	V		V		V		V
63	FY - French G...	SA	French Guiana			V		V	W	V		V
64	VP9 - Bermuda	NA	Bermuda			V		V		V		V
65	VP2V - Britsh ...	NA	British Virgin Is.					V				V
66	V3 - Belize	NA	Belize		V	V		V		V		V
69	ZF - Cayman Is.	NA	Cayman Islands		V	V		V	V	V		V
70	CO - Cuba	NA	Cuba		V	V	W	V		V		
71	HCB - Galapag...	SA	Galapagos Is.			V	V	V	V			
72	HI - Dominican...	NA	Dominican Rep.		V	V		V	V	V		
74	YS - El Salvador	NA	El Salvador	V	V	V	V	V	V	V	V	
75	4L - Georgia	AS	Georgia			W						
76	TG - Guatemala	NA	Guatemala			V		V				



a

ve editor

ance	Reference	Reference	Country	160m	80m	40m	30m	20m	17m	15m	12
	SV9 - Crete	EU	Crete			V			V		
	FT5W - Crozet I.	AF	Crozet Is.				V	V			
	KP5 - Deseche...	NA	Desecheo Is.								
	SV5 - Dodeca...	EU	Dodecanese					V			
	9M6 - East Mal...	OC	East Malaysia								
	CE0Y - Easter I.	SA	Easter Is.			W	W	V	V	W	
	T32 - E. Kiriba...	OC	Eastern Kiribati					V			
	3C - Equatorial...	AF	Equatorial Gui...							V	
	XE - Mexico	NA	Mexico		V	V		V	V	V	
	E3 - Eritrea	AF	Eritrea								
	ES - Estonia	EU	Estonia		W	V		V		V	
	ET - Ethiopia	AF	Ethiopia								
	UA - European...	EU	European Russia		V	V	V	V	V	V	
	PY0F - Fernan...	SA	Fernando de ...					V	W	V	
	C6A - Bahamas	NA	Bahamas		V	V		V			
	R1F - Franz Jo...	EU	Franz Josef Land								
	8P - Barbados	NA	Barbados		V	V		V		V	

QSL Manager

Special activities

Search Select required Upload selected QSO Download confirmations

CALLSIGN

From 4/ 2/2025 To 4/ 2/2025  Enable update

Search confirmation (SPECIFIC) LOTW

Sent Requested Received Mixed confirmation search

Specific value  YES  NO  Specific value  YES  NO

Via Via LOTW Sent Received

Sent 4/ 2/2025  Rcvd 4/ 2/2025 EQSL

Rng  Rng PAPER QSL

Logic  AND  OR

Callsign	Qso Date	Band	Mode	Confirmation	Sent	Received	Sent Via	Received
KG5SV	4/28/2018 20...	20m	SSB	LOTW	Requested	Requested	Electronic	Electronic
KD8WSL	4/28/2018 20...	20m	SSB	LOTW	Requested	Requested	Electronic	Electronic
K7QXG	4/28/2018 20...	20m	SSB	LOTW	Requested	Yes	Electronic	Electronic
W8MET	4/28/2018 20...	20m	SSB	LOTW	Requested	Yes	Electronic	Electronic
N2CU	4/28/2018 20...	20m	SSB	LOTW	Requested	Yes	Electronic	Electronic
K0MAJ	4/28/2018 20...	20m	SSB	LOTW	Requested	Requested	Electronic	Electronic
W7KAM	4/28/2018 20...	20m	SSB	LOTW	Requested	Yes	Electronic	Electronic
W2THU	4/28/2018 20...	20m	SSB	LOTW	Requested	Requested	Electronic	Electronic

Select/deselect Filters QSO Map Selected 1 of 1224 max: 5000

# Additional Features

- Auto log backup each start, keeps last 6 loads' log
- LazyLog (command line style logging)
- Solar stats graphing
- UTC Clock
- Net Control
- Chat
- QSL Label printing

- Program Settings
  - Edit program config
  - Program Scheduler
  - Performances
  - E-mail settings
- User Configuration
  - Station Information
    - My References
    - Station configuration
  - Confirmations
  - Database
  - External Services
  - User preferences
    - Award preferences
- Software Configuration
  - Cluster
    - Cluster Alert
  - Info Providers
    - Configuration
  - Map Settings
  - Backup
  - VOACAP Propagation
  - Auto Start
  - Chat
- Hardware Configuration
  - Audio devices and voice keye
  - CAT interface
  - CW Keyer interface
- Software integration
  - Connections

### CAT Management

- Settings
- Omniirig
- Hamlib
- TCI

#### HAMLIB PARAMETERS

RIG Model Kenwood TS-2000 Stable

- Serial connected radio  Hide Hamlib in the taskbar
- Network connected radio  VFO MODE (supports dual VFO)

Serial parameters TCP Radio parameters

Port COM7  Baud Rate 38400

Force ICOM CI-V  Stop Bits 1

Data Carrier detect NONE  RTS  DTR

Polling delay (ms) 50 Debug

Generated parameter String --model=2014 --rig-file=COM7 --serial-speed=38400 --port=4532 --set-conf=stop\_bits=1 -Z

Used parameter string --model=2014 --rig-file=COM7 --serial-speed=38400 --port=4532 --set-conf=stop\_bits=1 -Z

Align

#### TCP Connection

Connect to active HAMLIB instance

ADDRESS 127.0.0.1

Port 4532 (default 4532)

#### PTT

Port

- no PTT
- CAT
- DTR
- RTS
- Parallel



CAT Status: DISCONNECTED

Save config Save and apply Exit

- Station Information
  - My References
  - Station configuration
- Confirmations
- Database
- External Services
- User preferences
  - Award preferences
- Software Configuration
  - Cluster
    - Cluster Alert
  - Info Providers
    - Configuration
  - Map Settings
  - Backup
  - VOACAP Propagation
  - Auto Start
  - Chat
- Hardware Configuration
  - Audio devices and voice keye
  - CAT interface
  - CW Keyer interface
- Software integration
  - Connections
  - Antenna rotator
  - ADIF Functions
  - Applications
    - FLDigi
    - WSJT-x / JTDX
  - Web integration

Connections

UDP UDP Proxy Remote Control

UDP INBOUND

Port	Connection name	Service type	
0			+
<input type="text" value="Default answer on msg received"/>			

UDP Inbound connections			
<input checked="" type="checkbox"/>	[UDP_INBOUND]	[JT_MESSAGE]	[2333] WSJTX DX CALL
<input checked="" type="checkbox"/>	[UDP_INBOUND]	[JT_MESSAGE]	[1240] JTALERT REBROADCAST
<input checked="" type="checkbox"/>	[UDP_INBOUND]	[N1MM_MESSAGE]	[12060] N1MM
<input checked="" type="checkbox"/>	[UDP_INBOUND]	[ADIF_MESSAGE]	[2235] JTALERT
<input checked="" type="checkbox"/>	[UDP_INBOUND]	[ADIF_MESSAGE]	[1100] FLDIGI
0 items selected			

WSJT-X default port: 2237

UDP OUTBOUND

Port	Connection name	Service type	
0			+
<input type="checkbox"/>	Broadcast	Destination IP Address	<input type="text" value="127.0.0.1"/>

UDP Outbound connections			
0 items selected			

PSTRotator default port: 12040

UDP Inbound connections

### UDP Inbound connections



- [UDP\_INBOUND] [JT\_MESSAGE] [2333] WSJTX DX CALL
- [UDP\_INBOUND] [JT\_MESSAGE] [1240] JTALERT REBROADCAST
- [UDP\_INBOUND] [N1MM\_MESSAGE] [12060] N1MM
- [UDP\_INBOUND] [ADIF\_MESSAGE] [2235] JTALERT
- [UDP\_INBOUND] [ADIF\_MESSAGE] [1100] FLDIGI

0 items selected

WSJT-X default port: 2237

PSTR



## Fast Log Entry (FLE)

<https://df3cb.com/fle>

Also Free

Shorthand for  
converting  
written logs to  
ADIF

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4/17 K-1864 Falling Water SP

7.192 CENTRAL TIME

5:47 WB2OK 59 59

5:49 KN4 KCV 54 59

5:50 KD2ILA 59 59

5:51 KD8EDN 59 59

VE3LOT 59 55

5:52 K24FLA 59 59

5:55 W03G 59 59

~~KD~~4TDC 56 57

5:57 KE8HZV 53 56

K8HQR 59 59

KN4 FVV 59 59

K7EFS 59 59

5:59 KD8ODF 59 57 ODF

NY4JB 59 59

WBPI 59 59

K1864

N3FAA 59 59

N4ATJ 59 59

NISEP 59 59

K4OCY 59 59

603 KC4ZWA 59 59

AC9QM 59 59

KB9LQA 59 59

605 K8BAK 59 59

~~NISE~~

KE8KUF 59 57

K8RAT 57 59

W9TPJ 56 57

609 KSKB 59 59 Bill

UD4DNE 59 59 Cecil

611 WEDN 59 59

612 WEDN 59 59



```

. { Sample FLE QSO editor file for a
DXpedition }
. operator
. { Enter your call sign after the mycall
keyword }
. mycall aa0o
.
. { Start your log entry with a start date
using the DATE keyword in the format
yyyy-mm-dd }
. date 2022-11-20
. mypota k-4641
.
10 1526 14.0454 cw k9is 599 559
. ve3gfy 599 579
. n5pj
. kj7dt 599 559
. kn5h 599 579
. k5uv 599 579
. k5qbx
. n9qb 599 579
. kq4cw
. wlxt 599 579
20 n9jfz 599 559
. 37 ai5dd 599 579
    
```

	My ...	Date	Time	Call	Band	Freq.	Mode	RSTs	RSTr	My P...	t
1	AA0O	2022-...	15:...	K9IS	2...	1...	CW	599	559	K-4...	
2	AA0O	2022-...	15:...	VE3GFY	2...	1...	CW	599	579	K-4...	
3	AA0O	2022-...	15:...	N5PJ	2...	1...	CW	599	599	K-4...	
4	AA0O	2022-...	15:...	KJ7DT	2...	1...	CW	599	559	K-4...	
5	AA0O	2022-...	15:...	KN5H	2...	1...	CW	599	579	K-4...	
6	AA0O	2022-...	15:...	K5UV	2...	1...	CW	599	579	K-4...	
7	AA0O	2022-...	15:...	K5QBX	2...	1...	CW	599	599	K-4...	
8	AA0O	2022-...	15:...	N9QB	2...	1...	CW	599	579	K-4...	
9	AA0O	2022-...	15:...	KQ4CW	2...	1...	CW	599	599	K-4...	
10	AA0O	2022-...	15:...	W1XT	2...	1...	CW	599	579	K-4...	
11	AA0O	2022-...	15:...	N9JFZ	2...	1...	CW	599	559	K-4...	
12	AA0O	2022-...	15:...	AI5DD	2...	1...	CW	599	579	K-4...	