

Logging Software

Logging Strategies

Bruce Semple

WA3SWJ

Why Log Contacts ?

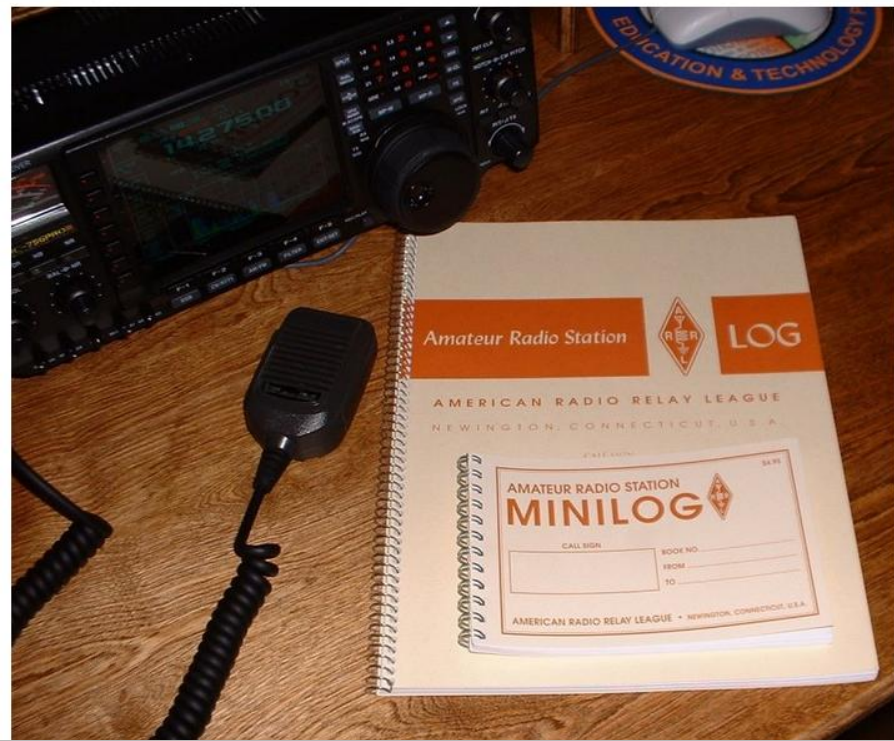
1. FCC rules ?
2. Claim awards ?
3. Contest participation ?
4. Support others who are participating in contacts ?
5. Historical record?

Amateur radio operators are not legally required to log their contacts with other stations, as the FCC does not mandate log keeping; however, maintaining a log is highly recommended for personal record-keeping, verifying contacts for awards, and potentially proving compliance in case of interference complaints.

Even if you don't chase awards, being able to confirm a contact with someone who does is helpful. It's part of the ham radio experience. Now some will say, **“The FCC doesn't require a log anymore.”** They would be 100% correct, but we believe it's a great way to track your success over time.

Before the Computer

- Paper Logs --



STATION CALLSIGN: _____

HF Log Sheet

PAGE ___ OF ___.

DATE	UTC		FREQ	MODE	POWER	CALLSIGN	QTH	RST		COMMENTS
	ON	OFF						SENT	RCVD	

1
2
3
4
5
6

Exchange QSL cards –

QSL – I acknowledge receipt



Provide Basic Contact Information

Greetings from Castlepoint Lighthouse

ZL2AS

NEW ZEALAND

*CQ Zone 32 OC-036 ITU Zone 60
ILLW Lighthouse - NZ 0018*



**Confirming
QSO with:**

D	M	YR	UTC Time	Frequency	Mode	RST

*Serving Hawkes Bay since 1947 ZL2AS - ZL2QS
With Repeaters on 146.700, 147.250 and 434.850*



*The Hawkes Bay Amateur Radio Club
C/o PO Box 2403, Startford Lodge
Hastings 4120
NEW ZEALAND*

Some Logging Programs will generate a label

GBØSK

Operated by members
of Grantham ARC

QSL via GØRCI
Alan Gibson
1 Oakleigh Road,
Grantham
Lincs NG31 7NN
UK

G4IAR	
ON: 03-MAY-2005	2WAY: LSB
UTC: 18:23	MHz: 7.0
REPORT: 59	
Grantham ARC thanks you.	
QSO certified by GØRCI	

Pse QSL Tnx via RSGB bureau or direct

THANKS TO THE FOLLOWING WHO SPONSORED OUR TRIP:-
WENDY SHIELDS
HAMPSONS VAN HIRE
TECHNICAL TYRE SERVICES
PELICAN CONTROL SYSTEMS LTD
A.J.CRESE NEWSAGENTS

Provide additional Information

AK4AT ~ John Webb

1436 Conner Grove Rd • Willis, VA 24380 USA • AK4AT@webbnet.net

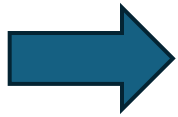
CONFIRMING QSO WITH	DATE			UTC	MHz	MODE	RST	QSL
	DAY	MONTH	YEAR					
								<input type="checkbox"/> PSE
TRANSCEIVER		ANTENNA			POWER			<input type="checkbox"/> TNX

Floyd County, Virginia • Grid: EM96su • ITU Zone: 8 • CQ Zone: 5

Notes:



ARRL Provides a QSL “Outgoing” & “Incoming” Bureau



ARRL Incoming QSL Bureau



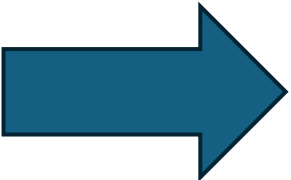
United States of America



United States of America



ARRL Outgoing QSL Bureau
Newington, CT



** Pay US postage rates to mail cards to the Outgoing QSL Bureau

“One of the greatest bargains of League membership is being able to use the ARRL Outgoing QSL Service to conveniently send your DX QSL cards overseas to foreign QSL Bureaus.”

In Order to Qualify for an Award ... QSL Cards Card Checkers ..

DXCC Card Checker Master List	
DXCC Rules	<h3>DXCC Card Checker Master List</h3> <p>Use this quick-reference PDF to find an authorized DXCC Card Checker.</p> <p>In addition to DXCC, ARRL DXCC card checkers are authorized to check cards for these other ARRL/IARU awards:</p> <p>WAS (Worked All States) VUCC (VHF/UHF Century Club) WAC (IARU Worked All Continents)</p> <p>On The Air >> Awards >> DXCC >> DXCC Card Checker Master List Back to Top Having Trouble?</p>
DXCC Awards Fees	
DXCC Forms	
Online DXCC Application	
DXCC FAQ	
DXCC Card Checker Search	
DXCC Card Checker Master List	
DXCC Applications Received	

420
owatelecom.net

KS
n, K0BJ
y Road
i7701
i884
i884
ikobj@gmail.com

on, K0IYA
Lane Drive
KS 67337
i268
@gmail.com

ee, AB0X
er Ave
, KS 66109
i139
kc.rr.com

Stamford CT 06905-
k1ta@arrl.net

EMA
Stan Laine, W1LE
PO Box 1293
Forestdale, MA 02644
(508) 833-2196
stanw1le@verizon.net

Les Peters, N1SV
33 Hayes Rd
Townsend, MA 01469
(978) 597-5370
n1sv@comcast.net

Robert C. Reiser,
AA1M
6 Savin St
Burlington, MA 01803
aal1m@arrl.net

ME
Stephen Kercel, AA4AK

Mark Tharp, KB7HDX
P.O. Box 2222
Yakima, WA 98907
(509) 952-5764
kb7hdx@arrl.net

Gary Bytnar, AD7XG
26450 Steret Road N.
Davenport, WA 99122
(509) 263-0797
ad7xg@arrl.net

Bruce Wade, N7ZA
870 E. 8th Avenue
Colville WA 99114
Day: (509) 396-3082
n7za99@gmail.com

ID
Greg Wilson, N4CC
1444 N. McKinney
Lane Boise, ID 83704
(208) 608-3216

PC Based Logging SW

- N1MM+
- DXLab DXKeeper
- Ham Radio Deluxe Logger
- N3FJP – Amateur Contact Log
- ProLog
- Log4OM

Functions:

- User Interface configurable
- Provides Upload / Download interface to cloud based logging software (LOTW, etc)
- Looks up operator information after entering call – interface to QRZ or other call sign DB's
- Interfaces with your radio to grab band / Frequency / mode information
- Can point your antennas (Azimuth) for you
- Let's you know if you have worked this person before, on the same band, with the same mode
- Support the various Contests
- Interfaces with other programs to enable auto logging when using digital modes
- BULK export / Import of Contacts

Contact Information

Minimum non-contest QSL Information

- Other Station's Call sign
- Date / Time (UTC)
- Band/Frequency
- Mode

Additional information you may want to gather

- Their Name
- Signal Report you gave / you received
- Was it part of a contest
- Your Equipment info rig / antenna / power
- Their Equipment info rig / antenna / power
- Was it a DXpedition Contact

**** A contest will have a specific exchange that must be captured in order to qualify as a valid contest contact.*

N3FJP – Amateur Contact Log (ACLog)

N3FJP's Amateur Contact Log 4.4 www.n3fjp.com

File Edit Settings Clear CallBook List Search Awards LoTW eQSL Recall Net View Help

Find **Recent Contacts** Last 40 All 7,416 Listed Items

Rec#	Call	Date / Time	Band	Mode	Power	Snt	Rec	Off	Country	Comments	ST	Count
6587	NXSM	2013/01/19 18:50	15	SSB	100				USA	NAQP	TX	BURL
6586	K7SS	2013/01/19 18:49	15	SSB	100				USA	NAQP	WA	
6585	AD5XD	2013/01/19 18:47	15	SSB	100				USA	NAQP	TX	DALL
6584	NSVPC	2013/01/18 18:45	15	SSB	100	55	59		USA	VICTOR F SKINNER - 10 EVERGREEN DRIVE, ROUND ROCK, TX 7866...	TX	Willia
6583	NX8G-5	2013/01/17 21:15	15	SSB	100	59	59		USA	Rex Watercooler	LA	
6582	NX8G-5	2013/01/17 21:12	15	SSB	100				USA		LA	
6581	K7LOP	2013/01/17 20:03	15	SSB					USA		NV	CLAR
6580	KF5SA	2013/01/17 16:37	15	SSB	100				USA			
6579	WRHB	2013/01/15 21:49	15	SSB	100	55	55		USA	DOUGLAS L DOWDS - 415 E 238th St, CARSON, CA 90745-5810 Wate...	CA	Los A
6578	KF5SA	2013/01/05 17:24	15	SSB	100				USA			
6577	WA6MBL	2013/01/03 00:00	15	SSB	100				USA	Robert I Tucker - 76 61st Pl, Long Beach, CA 90803 Bob Water Cooler	CA	Los A
6576	N4KC	2013/01/02 22:06	15	SSB	100	57	59		USA	Don - DONALD W KEITH - 40 RED STICK ROAD, INDIAN SPRINGS VIL...	AL	Shelb
6575	WA5FCL	2013/01/02 20:43	15	SSB	100	52	55		USA	Ralph Water Cooler RALPH N REEVES - 216 Daley Road, CROCKETT, T...	TX	Housh
6574	KF5SA	2012/12/27 20:10	15	SSB	100				USA			
6573	CU7CG	2012/12/21 15:38	15	SSB	100	52	55		Azores	Manuel Gomes - Rua 5 De Outubro, 42, 9900 - 093 Faial		
6572	KF5SA	2012/12/21 15:33	15	SSB	100				USA			
6571	CU7CG	2012/12/21 14:38	15	SSB	100				Azores			
6570	KF5SA	2012/12/20 19:34	15	SSB	100				USA			
6569	W6RYO	2012/12/19 18:58	15	SSB	100	52	51		USA	GARY W GONNELLA - 8527 HILLSIDE RD, ALTA LOMA, CA 91701 Wate...	CA	San B
6568	WRHB	2012/12/19 22:15	15	SSB	100	57	51		USA	DOUGLAS L DOWDS - 415 E 238th St, CARSON, CA 90745-5810 Wate...	CA	Los A

Ready to begin! N3FJPvmb

Call	Date	Band	Mode	Power	Time On	Sent	Rec	Country

Name	State	County	Frequency	Other

QSL Sent
 QSL Rcvd

7:35:39 AM
12:35:39 UTC

Current time if blank

Bearing: _____
Miles: _____
Cont: _____

Call	Count	Band	Mode	Status	Operator	Time	Country	Count
VPS/W5CW	21,0240	Turks & Caicos Is.	15 CW	Confirmed	de: DL7NY	VPS	1235Z NA	1,006
ZMSJX	7,1348	Japan	40 SSB	Unconfirmed!	de: VE7SZ	JN	1235Z AS	6,405
VK0JJJ	28,4850	Antarctica	10 SSB	Unconfirmed!	de: DL1EJA, now also QRV on 6m!!!!	VK0	1235Z SA	10,129
CO8LY	21,0029	Cuba	15 CW	Confirmed	de: UF8T, CQ	CO	1235Z NA	1,307
HB0/DJ2OS/P	7,1480	Liechtenstein	40 SSB	New!	de: Y02MTG, HBFF-007, 73 & 44 Peter	HB0	1235Z EU	4,841

N3FJP - Specialize Contesting Loggers

ARRL Contest Logs

[10 Meter](#)

[160 Meter](#)

[Field Day](#)

[Hiram P. Maxim](#)

[IARU HF](#)

[Int Digital \(ARRL Digital\)](#)

[Int DX \(ARRL DX\)](#)

[Kids Day](#)

[November Sweepstakes](#)

[Rookie Roundup](#)

[RTTY Roundup](#)

[School Club Roundup](#)

[VHF/UHF](#)

CQ Contest Logs

[CQ 160 Meter](#)

[CQ VHF](#)

[CQ WPX](#)

[CQ WW DX](#)

Other Contest Logs

[10-10 QSO Party](#)

[Africa International DX](#)

[All Asian DX](#)

[CWops CWT & CW Open](#)

[EU-DX](#)

[FISTS Sprint](#)

[FT Roundup](#)

[ICWC Medium Speed Test](#)

[Italian A.R.I. Int DX](#)

[Jamboree on the Air Log](#)

[K1USN SST](#)

[NAQP](#)

[NA Sprint & SSB Sprint](#)

[Oceania DX](#)

[QRP ARCI](#)

[RAC](#)

[RSGB IOTA](#)

[State QSO Party Logs](#)

[Stew Perry](#)

[Winter Field Day](#)

[Worked All Europe](#)

[World Wide Digi DX](#)

N3FJP – Contest Log – ARRL RTTY Roundup

N3FJP's ARRL RTTY Roundup Contest Log 3.9.9
www.n3fjp.com

File Settings Band Mode View Help

Current Band & Mode Find

Recent Contacts

○ Last 20 ● All

Rec	Call	Rcvd	S/P/#	Snt	Country	Date / Time	Bnd	Mode
217	NK6A	599	CA	599	USA	01/05 23:35	15	RTTY
216	W6LD	599	CA	599	USA	01/05 23:33	15	RTTY
215	N7ESU	599	ID	599	USA	01/05 23:30	15	RTTY
214	AC0C	599	KS	599	USA	01/05 23:27	15	RTTY
213	AZ1D	599	692	599	Argentina	01/05 23:22	10	RTTY
212	K6MMM	599	CA	599	USA	01/05 23:19	20	RTTY
211	W7CXX	599	UT	599	USA	01/05 23:17	20	RTTY
210	K0CN	599	MN	599	USA	01/05 23:15	20	RTTY
209	A10Y	599	ND	599	USA	01/05 23:12	20	RTTY
208	K0TG	599	MN	599	USA	01/05 23:08	20	RTTY
207	A04ER	599	TN	599	USA	01/05 23:05	20	RTTY

Score Statistics

Total Contacts	217
Total Multipliers	74
Total QSO Points	217
Total Score	16,058
QSOs / Hr (Last 20 min)	0
QSOs / Hr (Last 60 min)	0

Call	RST R	St/Pr/#	RST S	Country
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Ready to begin!

Clear Spot Last

Possible Duplicates Any Portion

Pennsylvania Total = 5

Bands: 80 = 3 40 = 1 20 = 1

DIG= 5

Bearing:

Miles:

Cont:

40

Start tracking op time

22:48:19

DX - 27

- Argentina
- Aruba
- Bonaire
- Brazil
- Bulgaria
- Canary Islands
- Cayman Islands
- Costa Rica
- Croatia
- Czech Republic
- Denmark
- Dominican Republic
- England
- European Russia
- Fed. Rep. of Germany
- Germany
- Hawaii
- Ireland
- Italy
- Poland
- Puerto Rico

1	4	7	0
CT NH	AL NC	AZ OR	CO MO
MA RI	FL SC	ID UT	IA ND
ME VT	GA TN	MT WA	KS NE
	KY VA	NV WY	MN SD
2	5	8	Canada
NY NJ	AR NM	MI WV	AB NU
	LA OK	OH	BC NT
3	MS TX		LB ON
DE MD	6	9	MB PE
PA DC	CA	IL WI	NB QC
		IN	NF SK
			NS YT

WA3SWJ

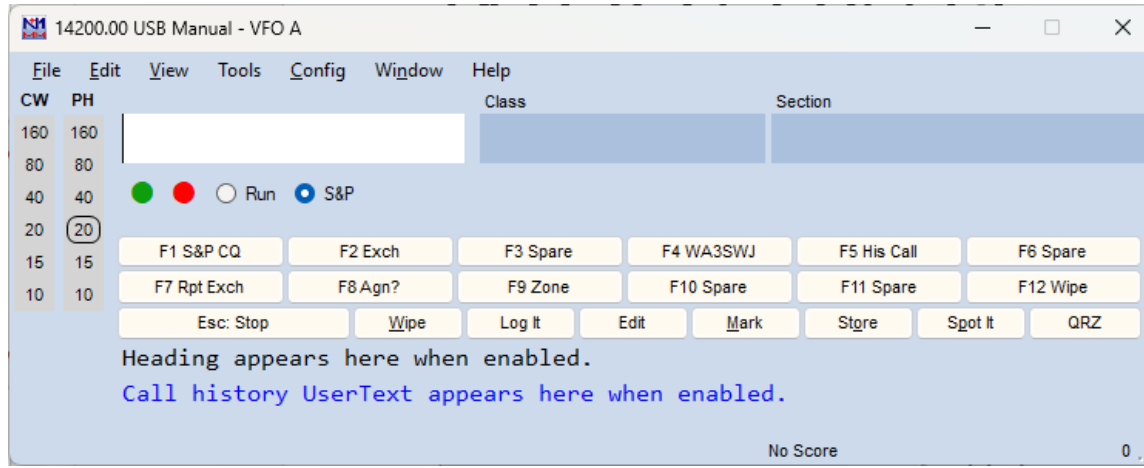
RS(T)

MA

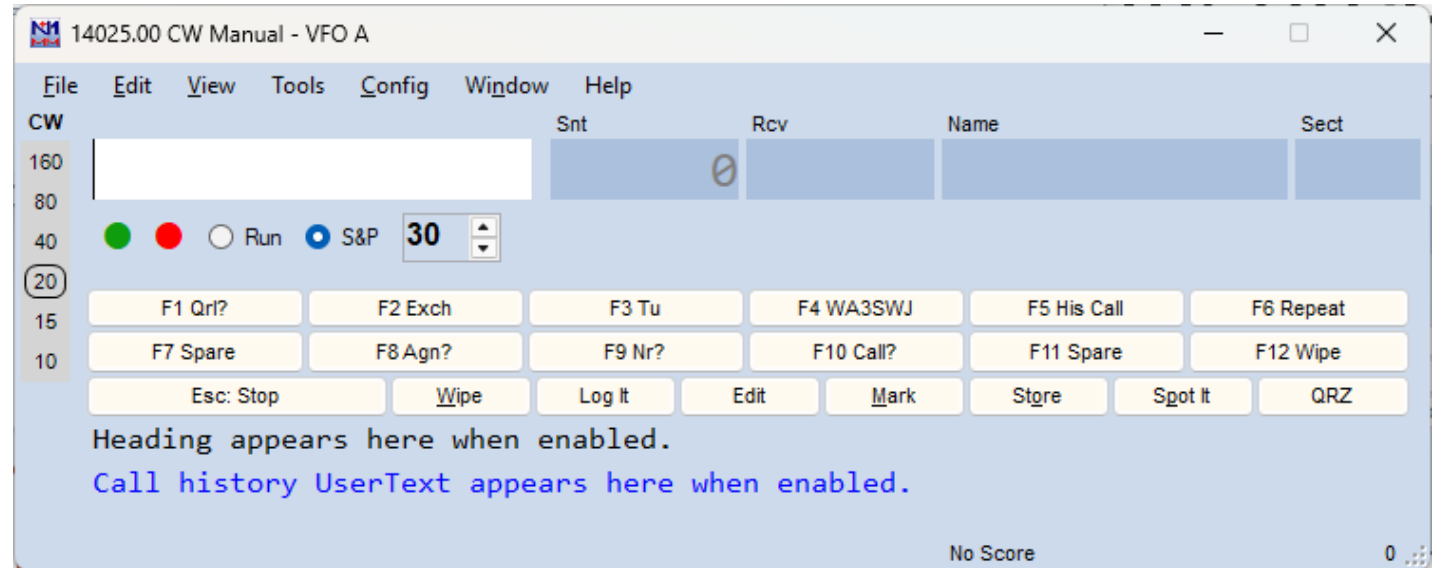
2:05:33 PM

19:05:33 UTC

N1MM+ Configured for Winter Field Day



N1MM+ Configured for CW Sprint Contest



Keeping Track of “Worked Before”

WSJT-X v2.7.0-rc2 by K1JT et al.

File Configurations View Mode Decode Save Tools Help

Band Activity

UTC	dB	DT	Freq	Message	Rx Frequency
162022	-9	-0.0	2141	+ OZ7FOC K5JMB EM25	161730 Tx 574 + CQ WA3SWJ FN41
162022	-8	-0.0	2443	+ N4RAF YV5BRB R+05	161737 -14 -0.0 2379 + WA3SWJ PY5XT GG54
162022	-13	0.0	2740	+ W3EWL DG2SAT JN48	161745 Tx 574 + PY5XT WA3SWJ -14
162022	-13	-0.1	2843	+ HR1R F4EBT JN18	161800 Tx 574 + PY5XT WA3SWJ -14
162022	-11	-0.1	1420	+ OZ7FOC W7LOR DM33	161815 Tx 867 + PY5XT WA3SWJ -14
162022	-4	-0.1	1723	+ KC1SRW W4ADS EM73	161822 -13 -0.1 2379 + WA3SWJ PY5XT R-01
----- 10m -----					
162037	2	-0.0	1334	+ IZ0CLP ZF2RJ RR73	161830 Tx 867 + PY5XT WA3SWJ RR73
162037	8	-0.0	328	+ CQ KV9L EM69 U.S.A.	161837 -17 -0.0 2379 + WA3SWJ PY5XT 73
162037	12	0.1	432	+ CQ V31MA EK57 Belize	161852 -15 -0.0 2378 + KS4OT PY5XT GG54
162037	3	-0.1	668	+ KC1SRW F4GWG IN77	161900 Tx 867 + CQ WA3SWJ FN41
162037	-12	-0.1	779	+ N1W IV3JIZ JN65	161915 Tx 867 + CQ WA3SWJ FN41
162037	-15	0.1	1017	+ CQ PD5FL JO22 Netherlands	161922 -15 -0.0 2380 + VE3MGY PY5XT GG54
162037	-4	0.0	1195	+ HR1R N1RVN EM74	161922 -5 0.1 868 + WA3SWJ WD8DKY EN51
162037	11	-0.0	1497	+ CQ AB9QT EN55 U.S.A.	161922 -11 -0.0 859 + N1W F6BNX +08
162037	-1	0.0	1637	+ M6CBU WD8DKY EN51	161930 Tx 750 + WD8DKY WA3SWJ -05
162037	-8	0.1	2049	+ N4RAF WWSRC EM32	161937 -2 0.0 868 + WA3SWJ WD8DKY R+22
162037	-10	-0.1	2141	+ OZ7FOC K5JMB EM25	161937 -11 -0.1 859 + N1W F6BNX +08
162037	-5	-0.0	2442	+ N4RAF YV5BRB R+05	161945 Tx 750 + WD8DKY WA3SWJ RR73
162037	-11	-0.0	516	+ G1FRJ K8YFM RR73	161952 -2 0.0 868 + WA3SWJ WD8DKY 73
162037	-4	-0.5	668	+ KC1SRW ISOIGM JM49	161952 -7 -0.1 1327 + WA3SWJ EA4AAI -06
162037	-3	-0.1	1722	+ KC1SRW W4ADS EM73	162000 -7 0.0 1336 + ZF2RJ KDORF EN34
162037	-10	-0.1	2379	+ KC1SRW PY5XT GG54	162007 4 -0.0 1334 + IZ0CLP ZF2RJ -11
					162015 Tx 750 + EA4AAI WA3SWJ R-07

CQ only Log QSO

10m **28.180 000** Tx even/1st Hold Tx Freq
Tx 750 Hz

H DX Call DX Grid
FT8 EA4AAI
FT4
MSK
Q65
JT65

Lookup Add Report -7 Auto Seq CQ: First

Best S+P

1 Generate Std Msg:
2 EA4AAI WA3SWJ FN41
EA4AAI WA3SWJ -07
EA4AAI WA3SWJ R-07
EA4AAI WA3SWJ RR73
EA4AAI WA3SWJ 73
CQ WA3SWJ FN41

Call Lookup – interface with QRZ.COM

15070	N4LDB	2025/02/23 2...	20	CW	559	599	23:51	USA	SD	Minneha...	Lance	N	N	POIA
15069	WI0S	2025/02/23 2...	20	CW	559	599	23:22	USA	MN	Wright	DAVID	N	N	POTA
15068	KT4Q	2025/02/23 2...	20	SSB	57	59	20:48	USA	NC	Clay	STEV...	N	N	POTA
15067	N4GBK	2025/02/23 2...	20	SSB	59	58	20:46	USA	NC	Perquim...	JED	N	N	
15066	K19B	2025/02/23 2	20	SSB	58	59	20:37	USA	IN	Hendricks	KFN	N	N	POTA

ACLOG WA3SWJ 2023.mdb

Call	Date	Band	Mode	Time On	Sent	Rec	Country

Name	State	QTH	Frequenc	Grid

5:36:50 PM
22:36:50 UTC

Log Contact

Comments

Before
Entering
Callsign

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

ACLOG WA3SWJ 2023.mdb

Call New!	Date	Band	Mode	Time On	Sent	Rec	Country
W6BI		40					USA

Name	State	QTH	Frequenc	Grid
ORVILLE	CA			DM04pg

8:32:13 PM
01:32:13 UTC

Log Contact

Comments

Enter W6BI ..
And hit tab ..

Band, Name,
State, Grid get
filled in
automatically

Logger Integration with Digital Programs

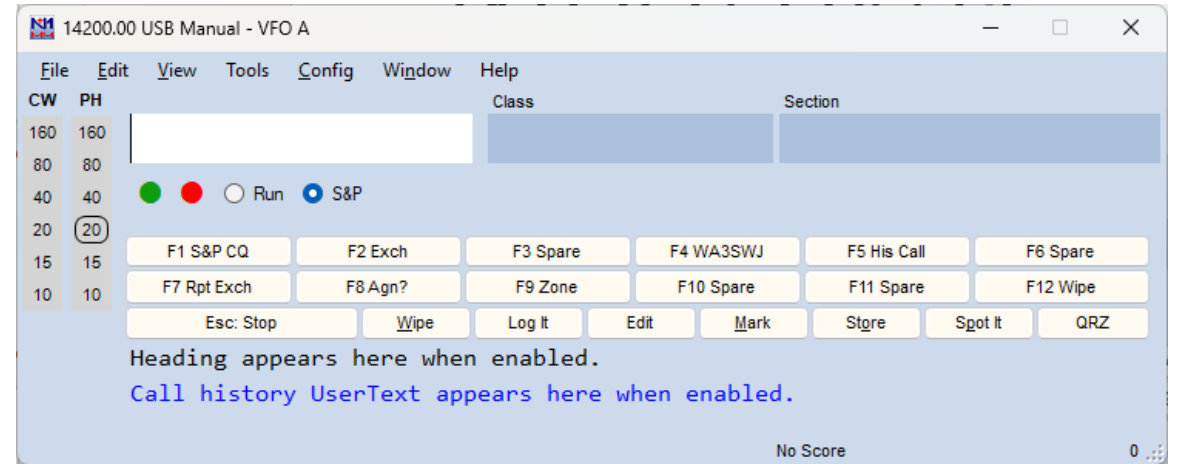
“Auto Logging”

N1MM+

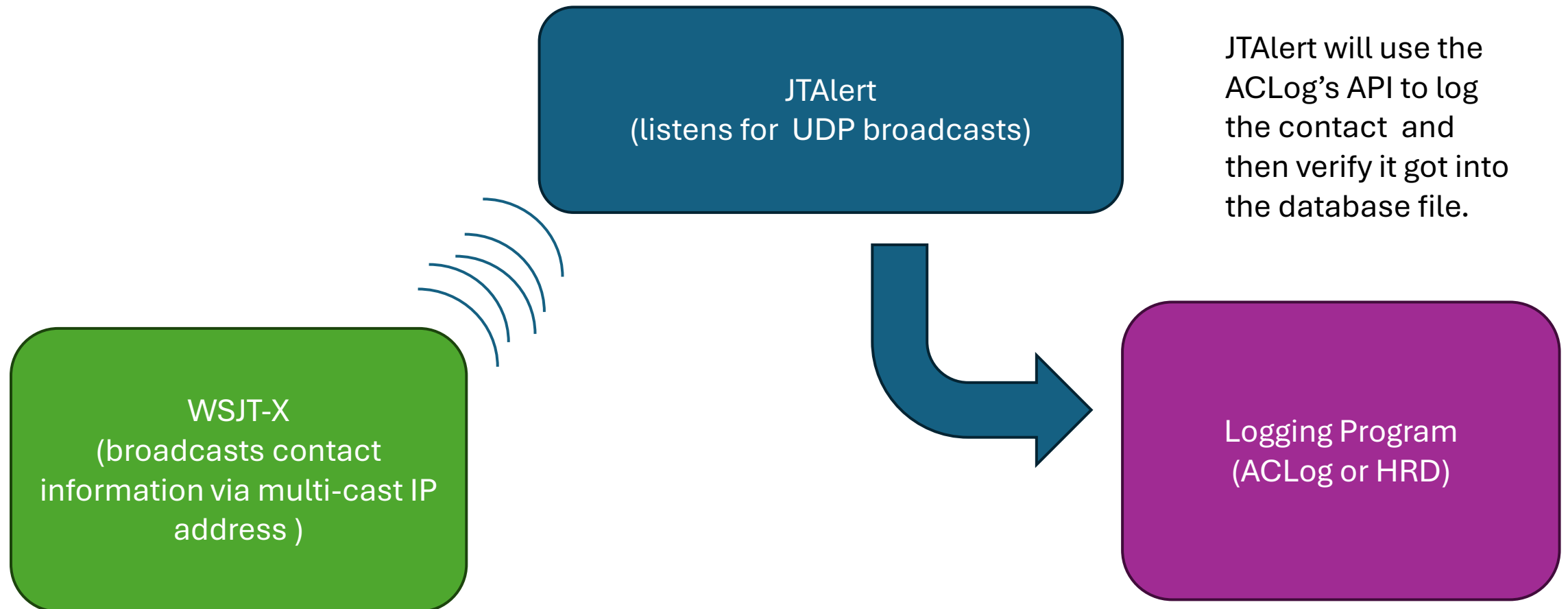
FLDIGI

-- or --

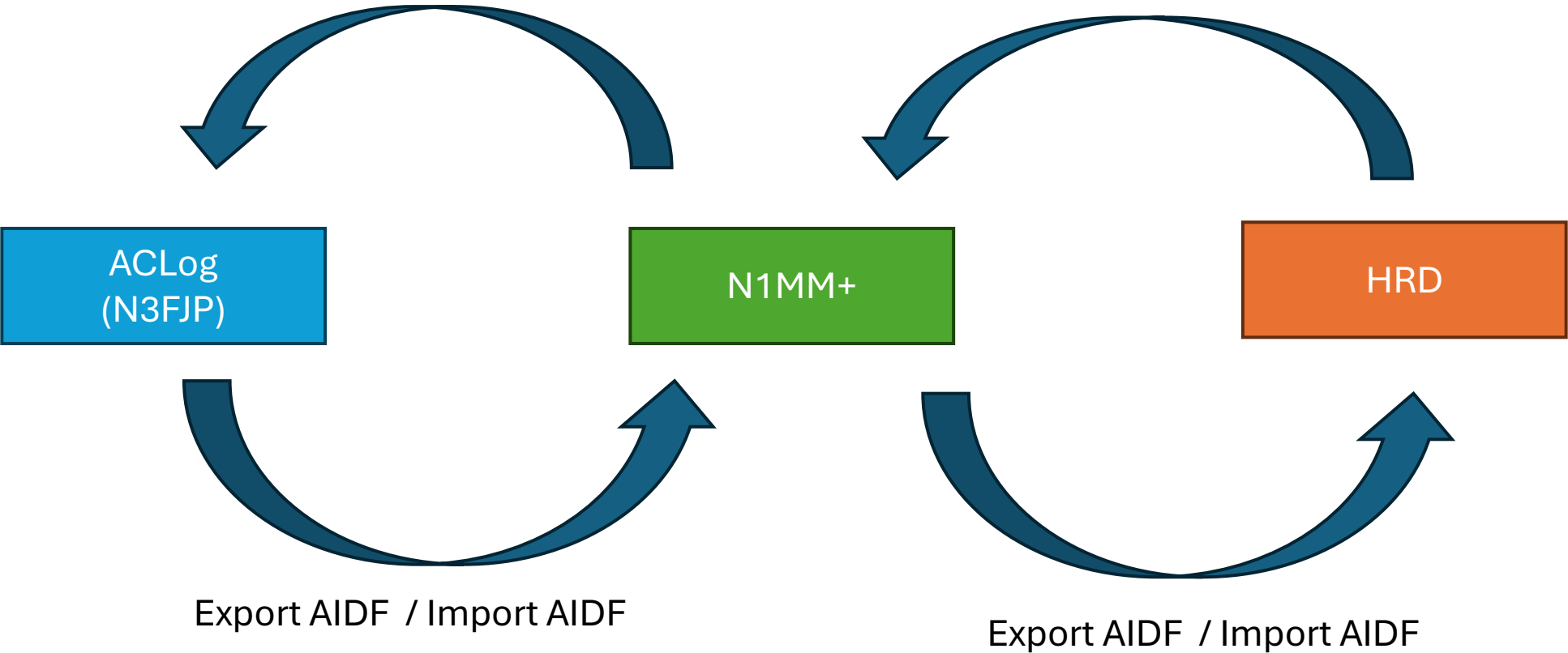
WSJT-X



Integration with WSJT-X and JTAlert (Auto Logging)



Moving Between PC Logging Programs



ADIF Exchange Format (this is one record)

Amateur Data Interchange Format

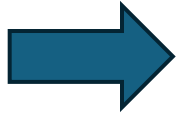
```
<Call:6>KA6NEI
<QSO_Date:8>20250223
<Time_On:6>202800
<Time_Off:6>202800
<Band:3>20M
<Comment:29>POTA -- 2nd Operator out of 3
<N3FJP_COMPUTERNAME:7>MNODE01
<Cont:2>NA
<Country:3>USA
<DXCC:3>291
<Cnty:13>WI,Eau Claire
<My_Cnty:13>MA,Barnstable
<CQz:2>03
<Gridsquare:6>DM43df
<My_Gridsquare:6>FN41wr
<MY_State:2>MA
<ITUz:2>06
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<N3FJP_ModeContest:2>PH
<Name:4>JOHN
<OPERATOR:6>WA3SWJ
<Pfx:3>KA6
<QSL_Sent:1>N
<QSL_Rcvd:1>N
<RST_Sent:2>57
<RST_Rcvd:2>59
<N3FJP_SPC:2>MA
<N3FJP_SPCNum:2>WI
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<N3FJP_StationID:7>MNODE01
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CABRILLO Format

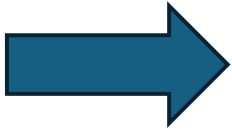
CREATED-BY: N1MM Logger+ 1.0.10619.0

QS0:	14239	PH	2024-01-25	1645	W1MA	3I	EMA	K4XY	10	VA
QS0:	14264	PH	2024-01-25	1657	W1MA	3I	EMA	W5DXC	10	VA
QS0:	14264	PH	2024-01-25	1658	W1MA	3I	EMA	KD8VTT	1H	MI
QS0:	14264	PH	2024-01-25	1701	W1MA	3I	EMA	N4KCU	10	TN
QS0:	14264	PH	2024-01-25	1702	W1MA	3I	EMA	VA2HX	10	QC
QS0:	14264	PH	2024-01-25	1704	W1MA	3I	EMA	KE2CWT	1H	WNY
QS0:	14264	PH	2024-01-25	1705	W1MA	3I	EMA	K10B	1H	VA
QS0:	14264	PH	2024-01-25	1707	W1MA	3I	EMA	KE8FSR	10	MI
QS0:	14264	PH	2024-01-25	1707	W1MA	3I	EMA	KB4RQI	1H	EPA
QS0:	14264	PH	2024-01-25	1747	W1MA	3I	EMA	KC1QEM	1H	EMA
QS0:	14264	PH	2024-01-25	1812	W1MA	3I	EMA	KE8RV	3I	OH
QS0:	14264	PH	2024-01-25	1815	W1MA	3I	EMA	VE3MIS	2I	GH
QS0:	14264	PH	2024-01-25	1816	W1MA	3I	EMA	ND4H	1H	OH
QS0:	14264	PH	2024-01-25	1818	W1MA	3I	EMA	N9DMT	1H	WI
QS0:	14215	PH	2024-01-25	1854	W1MA	3I	EMA	EI2OARC	10	DX
QS0:	14215	PH	2024-01-25	1857	W1MA	3I	EMA	K4N	20	NC
QS0:	14215	PH	2024-01-25	1857	W1MA	3I	EMA	NN4VA	3I	VA
QS0:	14215	PH	2024-01-25	1858	W1MA	3I	EMA	W3YMW	2I	MDC
QS0:	14215	PH	2024-01-25	1858	W1MA	3I	EMA	WA4FJB	1H	VA
QS0:	14215	PH	2024-01-25	1859	W1MA	3I	EMA	W8TAT	1H	SC

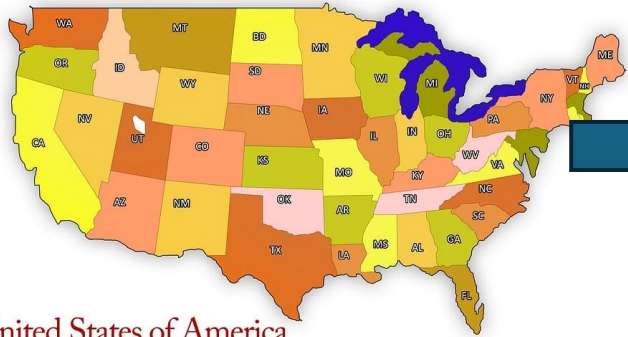
ARRL Provides a QSL “Outgoing” & “Incoming” Bureau



ARRL Incoming QSL Bureau



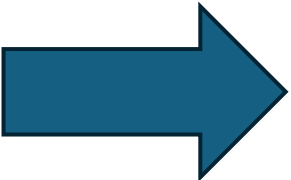
United States of America



United States of America



ARRL Outgoing QSL Bureau
Newington, CT



** Pay US postage rates to mail cards to the Outgoing QSL Bureau

“One of the greatest bargains of League membership is being able to use the ARRL Outgoing QSL Service to conveniently send your DX QSL cards overseas to foreign QSL Bureaus.”

In Order to Qualify for an Award ... QSL Cards Card Checkers ..

DXCC Card Checker Master List	
DXCC Rules	<p>DXCC Card Checker Master List</p> <p>Use this quick-reference PDF to find an authorized DXCC Card Checker.</p> <p>In addition to DXCC, ARRL DXCC card checkers are authorized to check cards for these other ARRL/IARU awards:</p> <p>WAS (Worked All States) VUCC (VHF/UHF Century Club) WAC (IARU Worked All Continents)</p> <p>On The Air >> Awards >> DXCC >> DXCC Card Checker Master List Back to Top Having Trouble?</p>
DXCC Awards Fees	
DXCC Forms	
Online DXCC Application	
DXCC FAQ	
DXCC Card Checker Search	
DXCC Card Checker Master List	
DXCC Applications Received	

420
owatelecom.net

KS
n, K0BJ
y Road
i7701
i884
i884
ikobj@gmail.com

on, K0IYA
Lane Drive
KS 67337
i268
@gmail.com

ee, AB0X
er Ave
, KS 66109
i139
kc.rr.com

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k1ta@arrl.net

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 Stan Laine, W1LE
 PO Box 1293
 Forestdale, MA 02644
 (508) 833-2196
 stanw1le@verizon.net

Les Peters, N1SV
 33 Hayes Rd
 Townsend, MA 01469
 (978) 597-5370
 n1sv@comcast.net

Robert C. Reiser,
 AA1M
 6 Savin St
 Burlington, MA 01803
 aal1m@arrl.net

ME
Stephen Kercel, AA4AK

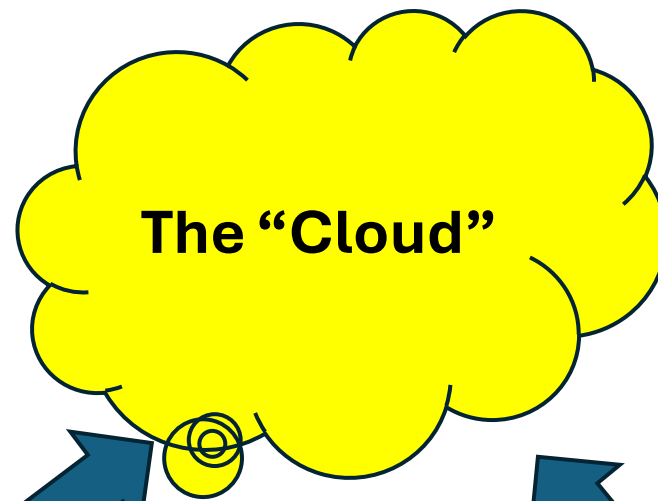
Mark Tharp, KB7HDX
 P.O. Box 2222
 Yakima, WA 98907
 (509) 952-5764
 kb7hdx@arrl.net

Gary Bytnar, AD7XG
 26450 Steret Road N.
 Davenport, WA 99122
 (509) 263-0797
 ad7xg@arrl.net

Bruce Wade, N7ZA
 870 E. 8th Avenue
 Colville WA 99114
 Day: (509) 396-3082
 n7za99@gmail.com

ID
 Greg Wilson, N4CC
 1444 N. McKinney
 Lane Boise, ID 83704
 (208) 608-3216

Logging Strategies



Amateurs all over the world are uploading their contacts

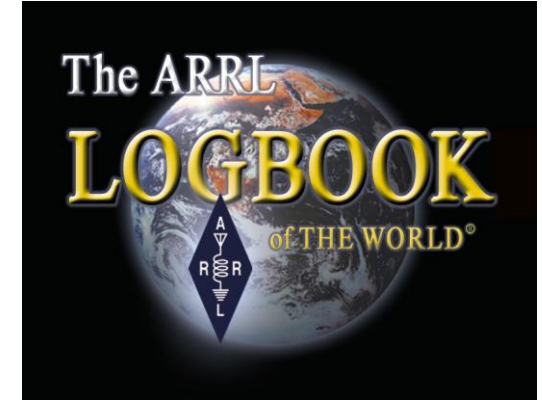
Using your PC based logging software --
Upload your contacts,
Download Confirmations



Cloud Based Logging Software

1. ARRL's Logbook Of The World – LOTW
 - Started September 15, 2003
 - 2,054,656,600 QSO Records
 - 476,944,741 resulting QSL records
 - 195,226 users
2. Electronic QSL Card Center – EQSL
 - Started January 2004
 - 464,820 users
3. QRZ

Note: Uploads to LOTW need to be “signed” by TQSL to verify that it is really you



LOTW Record

Station

Call Sign WA3SWJ
DXCC UNITED STATES OF AMERICA (291)
CQ Zone 05
ITU Zone 08
Grid FN41WR
State Massachusetts (MA)
County Barnstable

Worked Station

Worked N4LDB
DXCC UNITED STATES OF AMERICA (291)
CQ Zone 04
ITU Zone 07
Grid EN13SD
State South Dakota (SD)
County Lincoln
Date/Time 2025-02-23 23:51:00
Mode CW (CW)
Band 20M
QSL [2025-02-24 12:21:07](#)

Record ID 2051944924 Received: 2025-02-24 03:13:13

CW

Station

Call Sign WA3SWJ
DXCC UNITED STATES OF AMERICA (291)
CQ Zone 05
ITU Zone 08
Grid FN41WR
State Massachusetts (MA)
County Barnstable

Worked Station

Worked US2YW
DXCC UKRAINE (288)
CQ Zone 16
ITU Zone 29
Grid KN28XG
Date/Time 2025-02-24 03:06:00
Mode FT4 (DATA)
Band 40M
Frequency 7.04830
QSL [2025-02-24 18:10:17](#)

Record ID 2051944921 Received: 2025-02-24 03:13:13

Digital

Station

Call Sign WA3SWJ
DXCC UNITED STATES OF AMERICA (291)
CQ Zone 05
ITU Zone 08
Grid FN41WR
State Massachusetts (MA)
County Barnstable

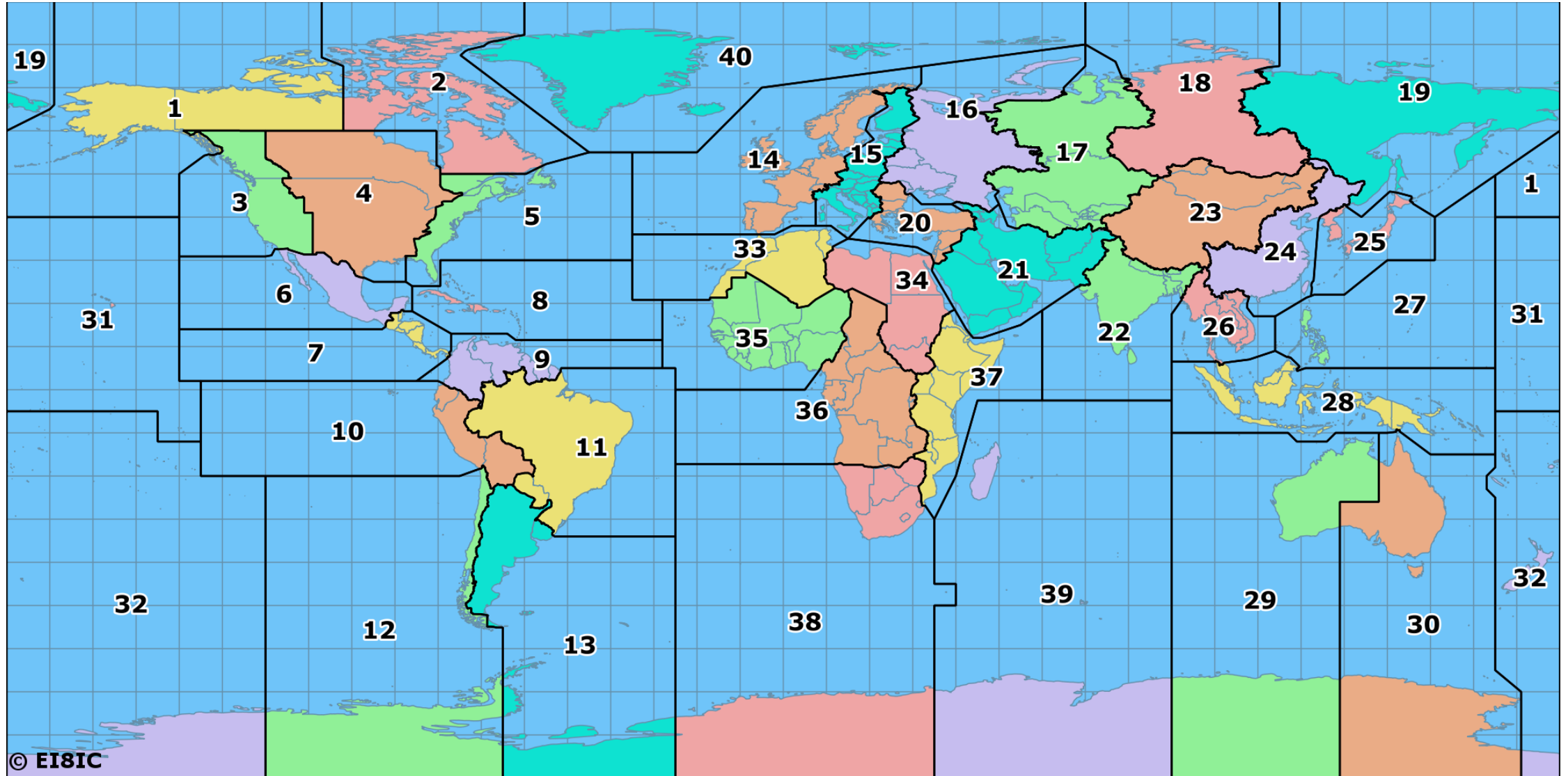
Worked Station

Worked KJ9B
DXCC UNITED STATES OF AMERICA (291)
CQ Zone 04
ITU Zone 08
Grid EM68TR
State Indiana (IN)
County Lawrence
Date/Time 2025-02-23 20:36:00
Mode SSB (PHONE)
Band 20M
QSL [2025-02-24 03:13:13](#)

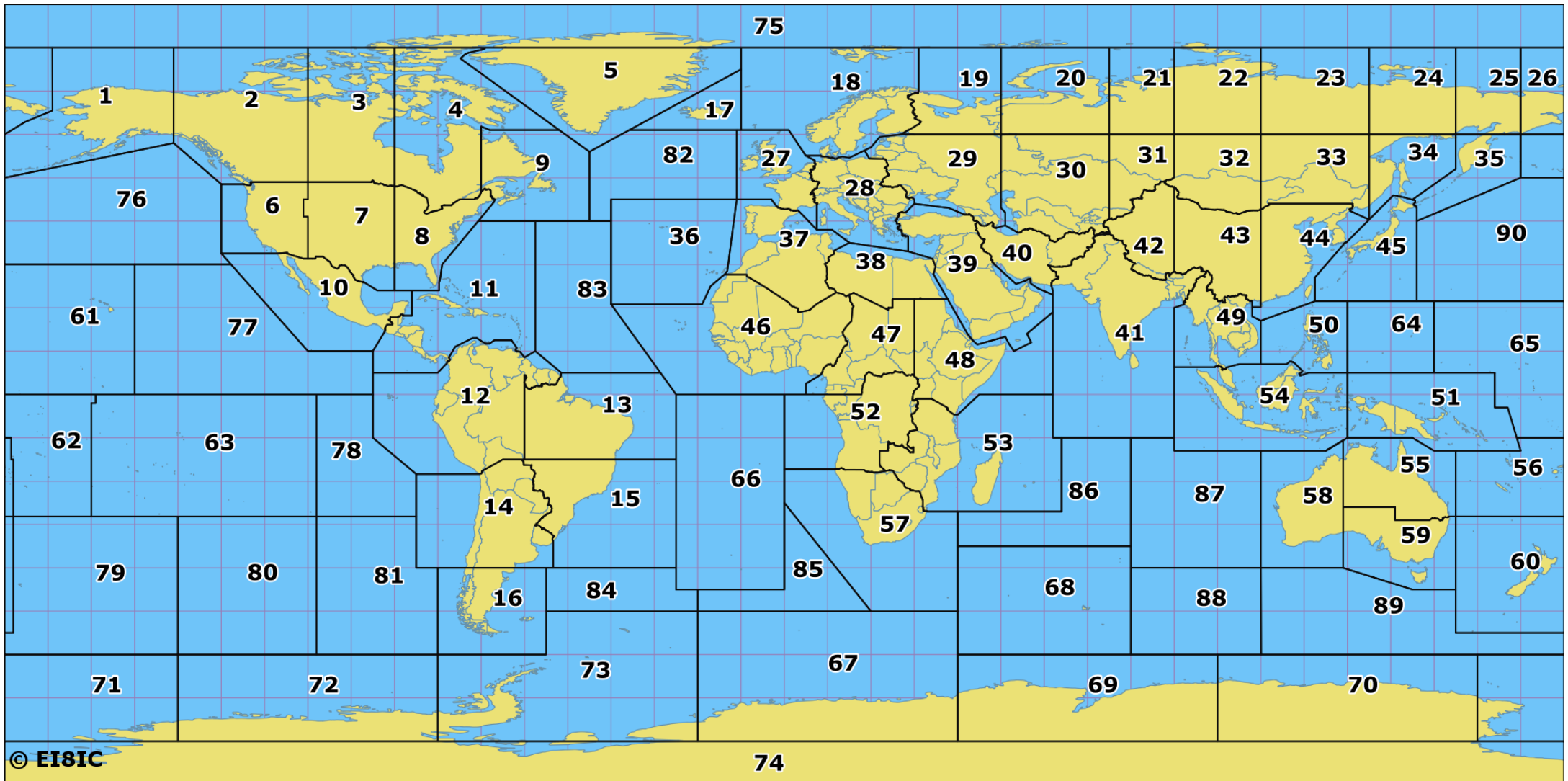
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SSB

CQ Zones - Cape Cod - Zone 5



ITU Zones – Cape Cod – Zone 8 (International Telecommunication Union)



Award Categories .. Worked All States (WAS)

Mixed
160M
80M
40M
30M
20M
17M
15M
12M
10M
6M
2M

CW
Phone
Digital *
FT4
FT8
RTTY
Digital 160M
80M Phone
80M CW
80M Digital
80M RTTY
40M Phone
40M CW
40M Digital
40M RTTY
30M Digital

20M Phone
20M CW
20M Digital
20M RTTY
17M Digital
15M Phone
15M CW
15M Digital
15M RTTY
12M Digital
10M Phone
10M CW
10M Digital
Phone 6M
Digital 6M
Phone 2M
Triple Play
5-Band *

DXCC – DX Century Club ..

There are currently 580 DX CC entities

Mixed *
CW
Phone
Digital
Satellite
160M
80M
40M
30M
20M
17M
15M
12M
10M
6M
2M
70CM
Challenge

DXCC Entity	160M	80M	40M	30M	20M	17M	15M	12M	10M	6M
ANTARCTICA										
ANTIGUA & BARBUDA									V26K	
ARGENTINA			LV5V	LW6HAR	LV5V		LP1H		LU1DSP	
ARMENIA			EK/RX3DPK			EK/RX3DPK	EK3GM		EK/RX3DPK	
ARUBA		P49X	P49X		P49X		P49X		P49X	
ASCENSION ISLAND										
ASIATIC RUSSIA					RA9JB					
AUSTRAL ISLANDS										
AUSTRALIA			VK3BL	VK3AUX	VK5NE	VK7AC	VK7GS	VK3AWA		
AUSTRIA		OE6TNO	OE1HNA	OE3UKW	OE1MCU	OE8YML	OE3DXA		OE8SKQ	
AVES ISLAND										
AZERBAIJAN										
AZORES		CU3AK	CU2AO	CQ8WWA	CU2BV		CU3AT		CU2AP	
BAHAMAS							C6ANA		C6AKD	
BAHRAIN									A92AA	

QRZ.COM

WA1NLG



NORMAN R CANTIN

5 Cross Street, PO BOX 845
Brewster, MA 02631
USA

QSL: DIRECT, QRZ, LOTW, BUREAU

Email: Use mouse to view..

Premium Subscriber Lookups: 22112 [Label](#)

[Biography](#)

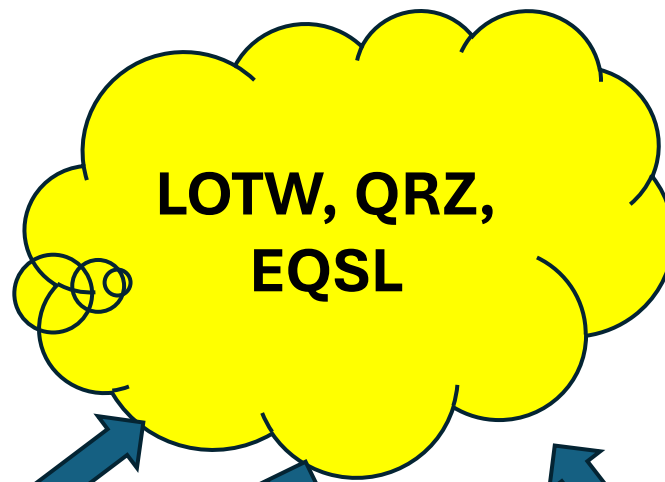
[Detail](#)

[Web 335](#)

[Awards 14](#)



Logging Strategies



Let the Cloud be the
“Mother Ship” or
“Master Log”

Use a combination of PC
based logging SW

