



THE  
LOGBOOK



OF THE WORLD™

# www.arrl.org/lotw

LoTW Tutorial



view on slideshare | Share 1 / 139

An overview of Logbook of The World and how to use its many features.

LoTW Tutorial Download—

**- Download the tutorial (PDF)**

Download the Logbook of The World tutorial in PDF format. Use as a reference or to show at club meetings.

[Go Now](#)



# What is Logbook of The World?

ARRL's *Logbook of the World* (LoTW) system is a repository of log records submitted by users from around the world.

The screenshot shows a window titled "Log -- main" with a toolbar and a table of log entries. The table has columns for Call, Date, On, Band, Mode, RST, RST rc, QSL, QSL rc, Name, Qth, and St. The entry for DU2FE is highlighted in yellow.

Call	Date	On	Band	Mode	RST	se	RST rc	QSL	rc	QSL se	Name	Qth	St
WN4AZY	03-12-200	23:52:22	10M	USB	59		59						
KE2X	03-12-200	23:52:30	10M	USB	59		59				Eun	Houston	T
N6MRQ	03-12-200	23:52:56	10M	USB	59		59	F	F		Fe	Auburn	G
DU2FE	10-12-20	23:30:09	20M	USB	59		59	R			Gil	Cavite	
K2AAA	11-12-200	15:41:41	10M	USB	59		59						
WN4AZY	11-12-200	18:59:19	10M	USB	59		59				Dennis	Auburn	G
K2AA	12-12-200	03:48:58	10M	USB	59		59						
WB4NWP	13-12-200	23:35:38	10M	USB	59		59				Michael	Farmville	V



# What is Logbook of The World?

When both participants in a QSO submit matching QSO records to LoTW, the result is a QSL that can be used for ARRL award credit.





# What is Logbook of The World?

*Logbook of the World* can accommodate every possible user scenario.

- Home
- Portable
- Mobile
- Maritime
- QSL Managers
- DXpedition or whatever,

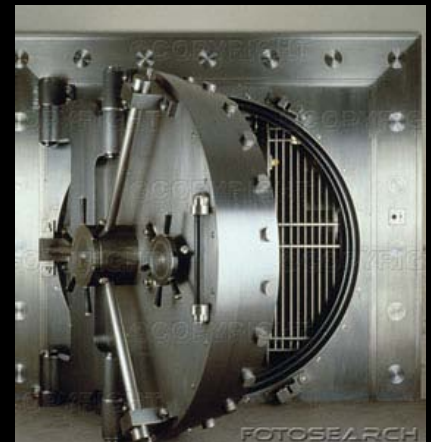
LoTW can be setup to properly process your logs and match QSOs for all of your operations.





# Is LoTW Secure?

To minimize the chance of fraudulent submissions to LoTW, all QSO records must be digitally signed using a digital certificate obtained from ARRL.





# What about software?

LoTW uses software called TQSL.  
TQSL is free to download and use.

TQSL works with:

- MS Windows
- Mac OS X





# What about software?

Trusted QSL contains two programs

## 1. TQSL CERTIFICATES

- TQSL CERT is for requesting and managing your digital certificates



## 2. TQSL

- TQSL is used to electronically sign your logs and manage you stations geographic information such as US State, County, Grid square, Zones, IOTA, etc.







# How much does it cost?

Logbook of The World is **FREE** to all radio amateurs around the world.

Membership in ARRL is not required.

Users may upload logs and view data anytime with no charges or fees.





# What About Application Fees?

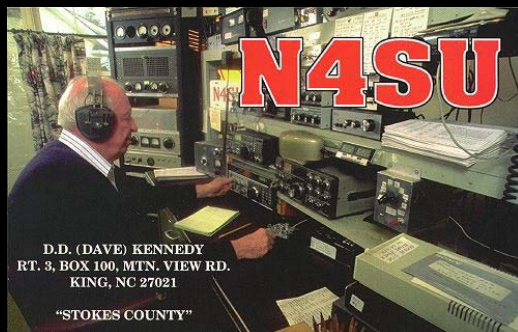
When applying for awards users pay the appropriate application fees and QSO fees.

This is no different than when making a paper application for an award.

# What About QSL Cards?

LoTW does not replace QSL collecting.

ARRL QSL Bureau is still a member benefit.





# What About QSL Cards?

LoTW saves money and time.

- No postage or IRCs.
- No QSL card printing expense.
- No waiting for QSL cards





What can I do with LoTW?



# What can I do with LoTW?

Account Status				
Award	Selected	Applied	Awarded	Total / Current
<a href="#">Mixed</a> *	0	0	233	233 / 231
<a href="#">CW</a> *	2	0	156	158 / 158
<a href="#">Phone</a> *	0	0	207	207 / 205
<a href="#">RTTY</a>	2	0	64	66 / 66
<a href="#">160M</a>	0	0	36	36 / 36
<a href="#">80M</a>	0	0	84	84 / 83
<a href="#">40M</a> *	0	0	114	114 / 113
<a href="#">30M</a>	0	0	4	4 / 4
<a href="#">20M</a> *	0	0	188	188 / 188
<a href="#">17M</a>	0	0	6	6 / 6
<a href="#">15M</a> *	0	0	152	152 / 152
<a href="#">12M</a>	0	0	1	1 / 1
<a href="#">10M</a> *	1	0	122	123 / 122
<a href="#">6M</a>	0	0	1	1 / 1
<a href="#">Challenge</a>	1	0	705	--- / 706

\* = Award has been issued

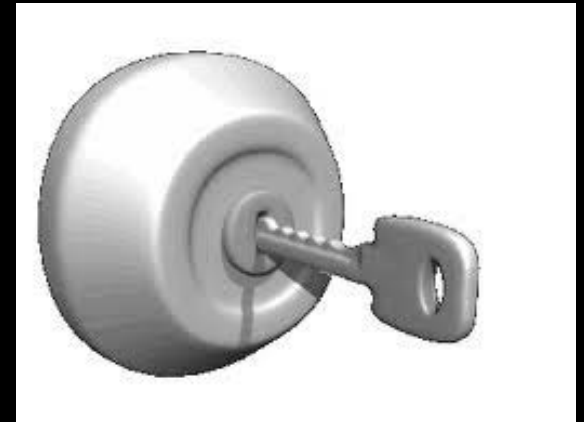
[View Award Credit Matrix](#)

- Apply for awards
- Track DXCC credits
- Track WAS credits
- Track VUCC credits
- View award Matrix
- Search QSOs and QSLs
- View QSL Details



# How is LoTW different than e-QSL or other online QSL services?

- LoTW uses private key and public key technology.
- Data uploaded to the system is validated & secure.
- Log files must be signed by the user.



# How is LoTW different than e-QSL or other online QSL services?

- LoTW users cannot simply dump log files into the system.
- There are no paper cards printed that have the potential to be altered.







# How is LoTW different than e-QSL or other online QSL services?

- LoTW validation upholds the integrity of ARRL awards.
- LoTW is constantly comparing uploaded data for matches.



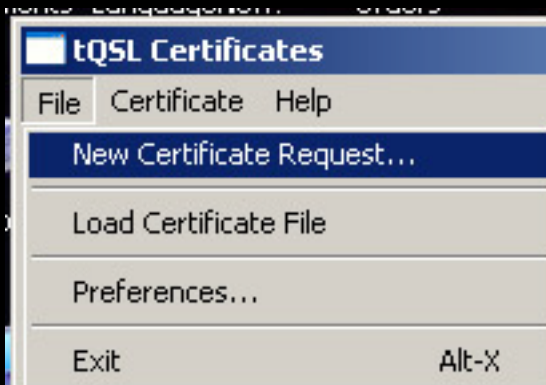


## Trusted QSL files.

- TQ5 file is a certificate request.
- TQ6 file is a certificate response.
- TQ8 file is a signed log file.

# TQ5 Certificate Request

LoTW users enter their information using the TQSL Certificate program.





# TQ5 Certificate Request

The TQ5 request is uploaded to the LoTW system via the web or e-mail to [LoTw-Logs@arrl.org](mailto:LoTw-Logs@arrl.org)

### Logbook File Upload

Here you can upload a log (.TQ8) or certificate-request (.TQ5) file.

File to Upload:



# TQ6 Certificate Response

Sent via e-mail from LoTW or download from your user account.

**Your Certificates**

1 Certificates Found

[Download your certificates \(includes TQSL Configuration\)](#)  
[Download current TQSL Configuration file](#) (Last updated 2008-04-03 17:38Z)

**Certificate 113831**

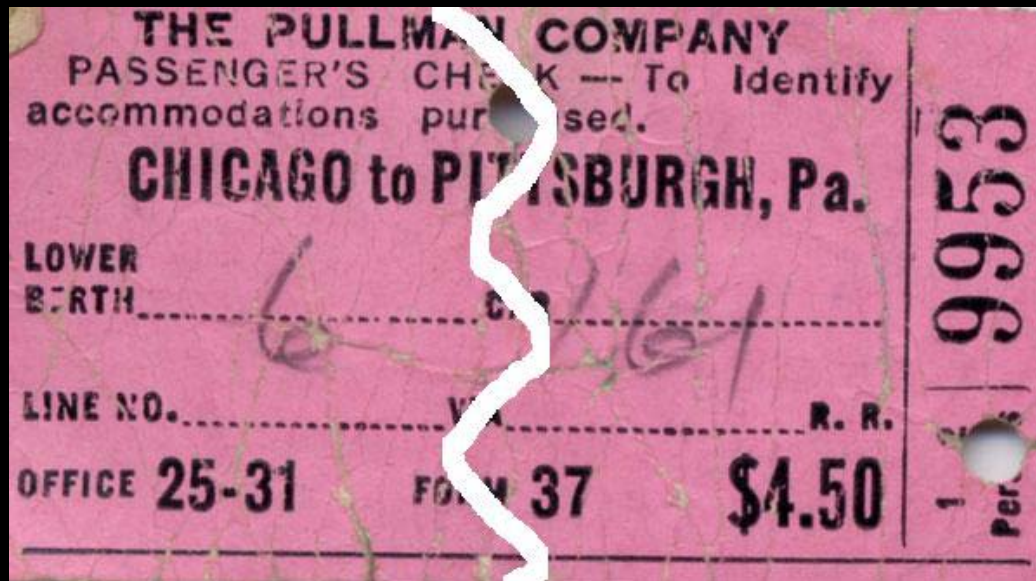
Valid: 2006-08-18 00:00:00 - 2009-08-17 23:59:59  
Call sign: W3IZ  
DXCC entity: UNITED STATES OF AMERICA (291)  
QSO Dates: 1945-11-01 00:00:00 - 2009-08-17 23:59:59

Download is available for users who cannot receive a TQ6 file attachment in their e-mail.

This is not a complete certificate and cannot be used to recover your certificate.



A TQ6 matches the TQ5 request.



Think of the TQ5 and TQ6 like a train ticket where both halves must match.



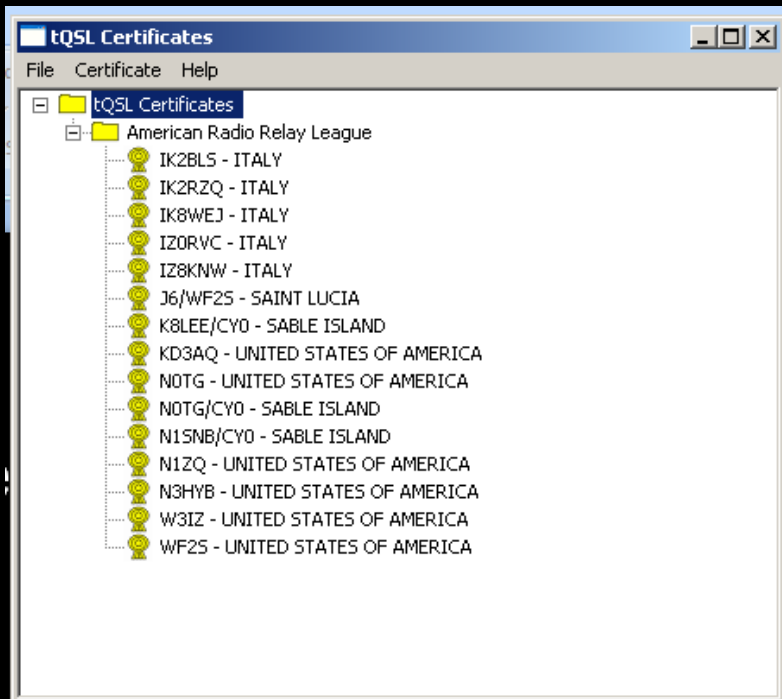
TQ6 and TQ5 files are used one time only.



Like burnt matches these files have no use after a gold ribbon certificate is obtained.



All certificates are managed in the TQSL Certificates program.



There is no limit to the number of certificates you can manage in TQSL Certificates





# TQ8 file is a signed log file

- Log files must be signed by the user certificate.
- Trusted QSL will sign ADIF or Cabrillo file formats.
- Users cannot simply dump log files into LoTW.



# What Makes Up A TQ8 file?

The TQ8 file contains:

1. Your call sign
2. Your DXCC entity
3. The QSO information (station worked, band, time & date.)
4. Your geographic information (US State, county, grid square, zones, etc.)

# Think of a TQ8 as a complete QSL card.

The TQ8 File contains:

1. Your call and DXCC entity.
2. QSO information.
3. Your geographic information.

**W1AW**

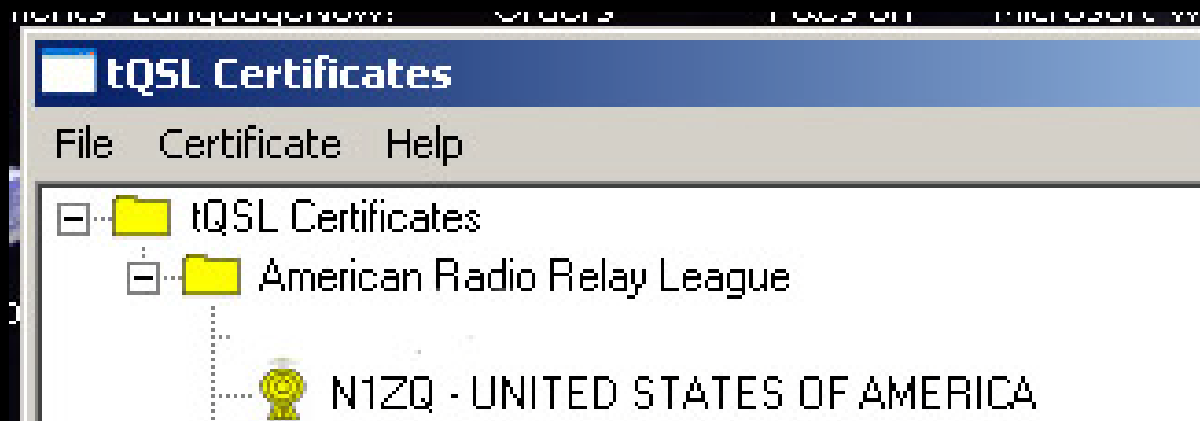
American Radio Relay League  
Headquarters Station,  
and Hiram Percy Maxim Memorial Station

225 Main St.  
Newington, CT 06111  
Hartford County  
USA  
Grid Square FN31pq  
w1aw@arrl.org

**Station: N2CLB**  
**Date: 11/18/2007 UTC: 1956 2x Mode: SSB**  
Freq: 7.232 Rpt: 59 Op: W1KRB, K1MMH,  
KX9X, N0AX & WY7FD  
'07 ARRL SSB Sweepstakes QSL Trnx!

The Maxim Memorial Station

# What Makes Up A TQ8 file?



Your callsign and DXCC entity is provided by your certificate.



# What Makes Up A TQ8 file?

Call	Date	On	Band	Mode	RST se	RST rc	QSL rc	QSL se	Name	Oth	St
WN4AZY	03-12-200	23:52:22	10M	USB	59	59					
KE2X	03-12-200	23:52:30	10M	USB	59	59			Eun	Houston	T
N6MRQ	03-12-200	23:52:56	10M	USB	59	59	F	F	Fe	Auburn	G
DU2FE	10-12-20	23:30:09	20M	USB	59	59	R		Gil	Cavite	
K2AAA	11-12-200	15:41:41	10M	USB	59	59					
WN4AZY	11-12-200	18:59:19	10M	USB	59	59			Dennis	Auburn	G
K2AA	12-12-200	03:48:58	10M	USB	59	59					
WB4NWP	13-12-200	23:35:38	10M	USB	59	59			Michael	Farmville	V

The QSO info such as the station worked, date, time, band and mode is extracted from the ADIF file.



# QSO Dates

## Certificate 162354

Valid: 2009-11-17 00:00:00 - 2012-11-16 23:59:59

Call sign: N1ZQ

DXCC entity: UNITED STATES OF AMERICA (291)

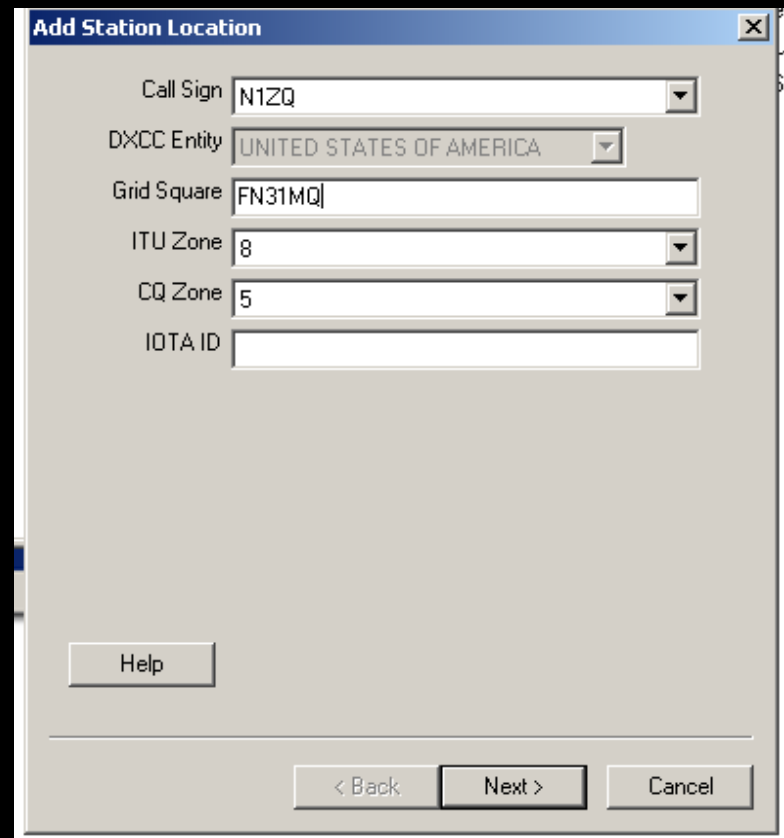
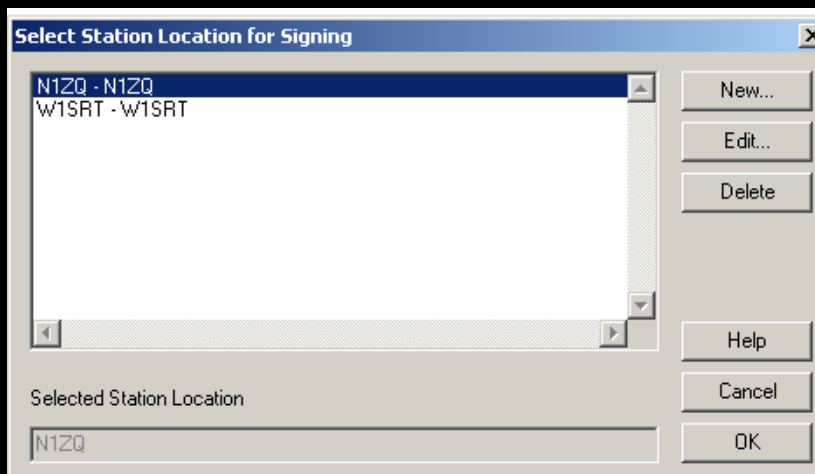
QSO Dates: 2000-01-01 00:00:00 - 2012-11-16 23:59:59

By using the correct QSO date(s) on your certificate TQSL knows which portion of a log belongs to a specific call sign.



# What Makes Up A TQ8 file?

Geographic information is provided by your station location.





# Station Locations

LoTW users supply geographic information about their operating to a **STATION LOCATION**

State	<input type="text" value="Connecticut"/>
County	<input type="text" value="Hartford"/>
<input type="checkbox"/> Allow 'None' for State	

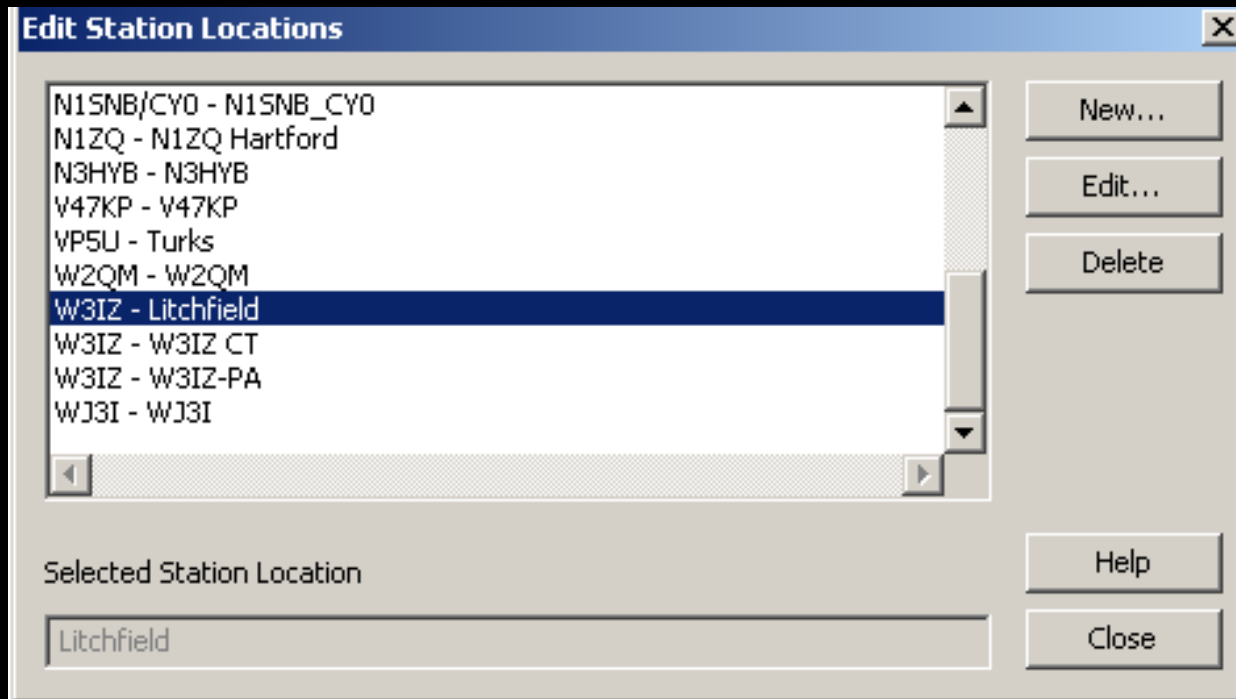
Call Sign	<input type="text" value="N1ZQ"/>
DXCC Entity	<input type="text" value="UNITED STATES OF AMERICA"/>
Grid Square	<input type="text" value="FN31MQ"/>
ITU Zone	<input type="text" value="8"/>
CQ Zone	<input type="text" value="5"/>
IOTA ID	<input type="text"/>





# Station Locations

You may have as many station locations as you need to accommodate your operating.



**I UPLOAD MY LOGS TO**

THE ARRL

**LOGBOOK**



OF THE WORLD

# Your LoTW User Account

The screenshot shows the LoTW user account home page. At the top left, there is a logo for "THE ARRL LOGBOOK OF THE WORLD" featuring a globe. To its right is the "YAESU PRINCIPAL SPONSOR of the LoTW Website" logo. In the top right corner, the user is identified as "You are W3IZ - Acting as: w3iz (10761)" with a "Log Off" link. Below this, the user's record counts are displayed: "You have 24,733 QSO records" and "You have 7,328 QSL records". A green banner for "The Diamond Terrace at ARRL" with the text "Bricks and Benches available!" is positioned on the left. A horizontal navigation bar contains buttons for "Admin", "Home", "Your QSOs", "Awards", "Find Call", "Upload File", and "Your Account". A yellow banner below the navigation bar reads "Welcome to Your Logbook of the World User Account Home Page". At the bottom, there are two boxes: "About Logbook of the World" on the left and "TrustedQSL Status" on the right.

THE ARRL  
**LOGBOOK**  
OF THE WORLD™

YAESU  
PRINCIPAL  
SPONSOR  
of the LoTW Website

You are W3IZ - Acting as: w3iz (10761)

[Log Off](#)

You have 24,733 QSO records  
You have 7,328 QSL records

**The Diamond Terrace**  
at ARRL  
Bricks and Benches available!

Admin Home Your QSOs Awards Find Call Upload File Your Account

Welcome to Your Logbook of the World User Account Home Page

About Logbook of the World

TrustedQSL Status



# Track DXCC Credits



## Account Status

Award	Selected	Applied	Awarded	Total / Current
<a href="#">Mixed</a> *	0	0	233	233 / 231
<a href="#">CW</a> *	2	0	156	158 / 158
<a href="#">Phone</a> *	0	0	207	207 / 205
<a href="#">RTTY</a>	2	0	64	66 / 66
<a href="#">160M</a>	0	0	36	36 / 36
<a href="#">80M</a>	0	0	84	84 / 83
<a href="#">40M</a> *	0	0	114	114 / 113
<a href="#">30M</a>	0	0	4	4 / 4
<a href="#">20M</a> *	0	0	188	188 / 188
<a href="#">17M</a>	0	0	6	6 / 6
<a href="#">15M</a> *	0	0	152	152 / 152
<a href="#">12M</a>	0	0	1	1 / 1
<a href="#">10M</a> *	1	0	122	123 / 122
<a href="#">6M</a>	0	0	1	1 / 1
<a href="#">Challenge</a>	1	0	705	--- / 706

\* = Award has been issued

[View Award Credit Matrix](#)

## Logbook Awards

### Your LoTW ARRL DXCC (DX Century Club) Account(s)

For an overview of LoTW DXCC support, see [Applying for DXCC Credits with Logbook of the World](#)

W3IZ - UNITED STATES OF AMERICA ▾

Select DXCC Award Account



# What do the columns mean?

Account Status				
Award	Selected	Applied	Awarded	Total / Current
<a href="#">Mixed</a> *	0	0	233	233 / 231
<a href="#">CW</a> *	2	0	156	158 / 158
<a href="#">Phone</a> *	0	0	207	207 / 205
<a href="#">RTTY</a>	2	0	64	66 / 66
<a href="#">160M</a>	0	0	36	36 / 36
<a href="#">80M</a>	0	0	84	84 / 83
<a href="#">40M</a> *	0	0	114	114 / 113
<a href="#">30M</a>	0	0	4	4 / 4
<a href="#">20M</a> *	0	0	188	188 / 188
<a href="#">17M</a>	0	0	6	6 / 6
<a href="#">15M</a> *	0	0	152	152 / 152
<a href="#">12M</a>	0	0	1	1 / 1
<a href="#">10M</a> *	1	0	122	123 / 122
<a href="#">6M</a>	0	0	1	1 / 1
<a href="#">Challenge</a>	1	0	705	--- / 706

\* = Award has been issued

[View Award Credit Matrix](#)

Account Status				
Award	Selected	Applied	Awarded	Total
<a href="#">Basic</a>	50	0	0	50
<a href="#">160M</a>	32	0	0	32
<a href="#">80M</a>	28	0	0	28
<a href="#">40M</a>	36	0	0	36
<a href="#">20M</a>	45	0	0	45
<a href="#">15M</a>	29	0	0	29
<a href="#">10M</a>	12	0	0	12
<a href="#">CW</a>	37	0	0	37
<a href="#">Phone</a>	49	0	0	49
<a href="#">RTTY</a>	46	0	0	46
<a href="#">160M Phone</a>	10	0	0	10
<a href="#">160M CW</a>	32	0	0	32
<a href="#">80M Phone</a>	15	0	0	15
<a href="#">80M CW</a>	3	0	0	3
<a href="#">80M RTTY</a>	25	0	0	25
<a href="#">40M Phone</a>	29	0	0	29
<a href="#">40M CW</a>	18	0	0	18
<a href="#">40M RTTY</a>	24	0	0	24
<a href="#">20M Phone</a>	40	0	0	40
<a href="#">20M CW</a>	17	0	0	17
<a href="#">20M RTTY</a>	33	0	0	33
<a href="#">15M Phone</a>	22	0	0	22
<a href="#">15M CW</a>	7	0	0	7
<a href="#">15M RTTY</a>	12	0	0	12
<a href="#">10M Phone</a>	14	0	0	14
<a href="#">10M CW</a>	12	0	0	12

\* = Award has been issued

# What do the columns mean?

Account Status				
Award	Selected	Applied	Awarded	Total / Current
<a href="#">Mixed</a> *	0	0	233	233 / 231
<a href="#">CW</a> *	2	0	156	158 / 158
<a href="#">Phone</a> *	0	0	207	207 / 205
<a href="#">RTTY</a>	2	0	64	66 / 66
<a href="#">160M</a>	0	0	36	36 / 36
<a href="#">80M</a>	0	0	84	84 / 83
<a href="#">40M</a> *	0	0	114	114 / 113
<a href="#">30M</a>	0	0	4	4 / 4
<a href="#">20M</a> *	0	0	188	188 / 188
<a href="#">17M</a>	0	0	6	6 / 6
<a href="#">15M</a> *	0	0	152	152 / 152
<a href="#">12M</a>	0	0	1	1 / 1
<a href="#">10M</a> *	1	0	122	123 / 122
<a href="#">6M</a>	0	0	1	1 / 1
<a href="#">Challenge</a>	1	0	705	--- / 706

\* = Award has been issued

[View Award Credit Matrix](#)

## Award

These are the awards that you are working towards.

# What do the columns mean?

Account Status				
Award	Selected	Applied	Awarded	Total / Current
<a href="#">Mixed</a> *	0	0	233	233 / 231
<a href="#">CW</a> *	2	0	156	158 / 158
<a href="#">Phone</a> *	0	0	207	207 / 205
<a href="#">RTTY</a>	2	0	64	66 / 66
<a href="#">160M</a>	0	0	36	36 / 36
<a href="#">80M</a>	0	0	84	84 / 83
<a href="#">40M</a> *	0	0	114	114 / 113
<a href="#">30M</a>	0	0	4	4 / 4
<a href="#">20M</a> *	0	0	188	188 / 188
<a href="#">17M</a>	0	0	6	6 / 6
<a href="#">15M</a> *	0	0	152	152 / 152
<a href="#">12M</a>	0	0	1	1 / 1
<a href="#">10M</a> *	1	0	122	123 / 122
<a href="#">6M</a>	0	0	1	1 / 1
<a href="#">Challenge</a>	1	0	705	--- / 706

\* = Award has been issued

[View Award Credit Matrix](#)

## Selected

These are the QSOs that LoTW has selected for the particular awards.

# What do the columns mean?

Account Status				
Award	Selected	Applied	Awarded	Total / Current
<a href="#">Mixed</a> *	0	0	233	233 / 231
<a href="#">CW</a> *	2	0	156	158 / 158
<a href="#">Phone</a> *	0	0	207	207 / 205
<a href="#">RTTY</a>	2	0	64	66 / 66
<a href="#">160M</a>	0	0	36	36 / 36
<a href="#">80M</a>	0	0	84	84 / 83
<a href="#">40M</a> *	0	0	114	114 / 113
<a href="#">30M</a>	0	0	4	4 / 4
<a href="#">20M</a> *	0	0	188	188 / 188
<a href="#">17M</a>	0	0	6	6 / 6
<a href="#">15M</a> *	0	0	152	152 / 152
<a href="#">12M</a>	0	0	1	1 / 1
<a href="#">10M</a> *	1	0	122	123 / 122
<a href="#">6M</a>	0	0	1	1 / 1
<a href="#">Challenge</a>	1	0	705	--- / 706

\* = Award has been issued

[View Award Credit Matrix](#)

## Applied

These are the QSOs that you have applied to the award after you have made an on-line application.



# What do the columns mean?

Account Status				
Award	Selected	Applied	<b>Awarded</b>	Total / Current
<a href="#">Mixed</a> *	0	0	233	233 / 231
<a href="#">CW</a> *	2	0	156	158 / 158
<a href="#">Phone</a> *	0	0	207	207 / 205
<a href="#">RTTY</a>	2	0	64	66 / 66
<a href="#">160M</a>	0	0	36	36 / 36
<a href="#">80M</a>	0	0	84	84 / 83
<a href="#">40M</a> *	0	0	114	114 / 113
<a href="#">30M</a>	0	0	4	4 / 4
<a href="#">20M</a> *	0	0	188	188 / 188
<a href="#">17M</a>	0	0	6	6 / 6
<a href="#">15M</a> *	0	0	152	152 / 152
<a href="#">12M</a>	0	0	1	1 / 1
<a href="#">10M</a> *	1	0	122	123 / 122
<a href="#">6M</a>	0	0	1	1 / 1
<a href="#">Challenge</a>	1	0	705	--- / 706

\* = Award has been issued

[View Award Credit Matrix](#)

## Awarded

These are the QSOs that have been awarded to you after your applications have been processed.

# What do the columns mean?

Account Status				
Award	Selected	Applied	Awarded	Total / Current
<a href="#">Mixed</a> *	0	0	233	233 / 231
<a href="#">CW</a> *	2	0	156	158 / 158
<a href="#">Phone</a> *	0	0	207	207 / 205
<a href="#">RTTY</a>	2	0	64	66 / 66
<a href="#">160M</a>	0	0	36	36 / 36
<a href="#">80M</a>	0	0	84	84 / 83
<a href="#">40M</a> *	0	0	114	114 / 113
<a href="#">30M</a>	0	0	4	4 / 4
<a href="#">20M</a> *	0	0	188	188 / 188
<a href="#">17M</a>	0	0	6	6 / 6
<a href="#">15M</a> *	0	0	152	152 / 152
<a href="#">12M</a>	0	0	1	1 / 1
<a href="#">10M</a> *	1	0	122	123 / 122
<a href="#">6M</a>	0	0	1	1 / 1
<a href="#">Challenge</a>	1	0	705	-- / 706

\* = Award has been issued

[View Award Credit Matrix](#)

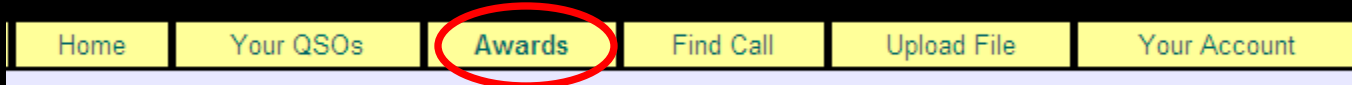
## Total / Current

These are your totals.

- Total includes deleted DXCC entities.
- Current is only current entities.
- The DXCC Challenge award only counts current DXCC entities

# Viewing Your DXCC Credit Matrix

1.



Account Status				
Award	Selected	Applied	Awarded	Total / Current
<a href="#">Mixed</a> *	0	0	233	233 / 231
<a href="#">CW</a> *	2	0	156	158 / 158
<a href="#">Phone</a> *	0	0	207	207 / 205
<a href="#">RTTY</a>	2	0	64	66 / 66
<a href="#">160M</a>	0	0	36	36 / 36
<a href="#">80M</a>	0	0	84	84 / 83
<a href="#">40M</a> *	0	0	114	114 / 113
<a href="#">30M</a>	0	0	4	4 / 4
<a href="#">20M</a> *	0	0	188	188 / 188
<a href="#">17M</a>	0	0	6	6 / 6
<a href="#">15M</a> *	0	0	152	152 / 152
<a href="#">12M</a>	0	0	1	1 / 1
<a href="#">10M</a> *	1	0	122	123 / 122
<a href="#">6M</a>	0	0	1	1 / 1
<a href="#">Challenge</a>	1	0	705	--- / 706

\* = Award has been issued

[View Award Credit Matrix](#)

3.

### Logbook Awards

Your LoTW ARRL DXCC (DX Century Club) Account(s)

For an overview of LoTW DXCC support, see [Applying for DXCC Credits with Logbook of the World](#)

W3IZ - UNITED STATES OF AMERICA ▾

Select DXCC Award Account

2.



# Viewing Your DXCC Credit Matrix

Account Status				
Award	Selected	Applied	Awarded	Total / Current
Mixed *	0	0	233	233 / 231
CW *	2	0	156	158 / 158
Phone *	0	0	207	207 / 205
RTTY	2	0	64	66 / 66
160M	0	0	36	36 / 36
80M	0	0	84	84 / 83
40M *	0	0	114	114 / 113
30M	0	0	4	4 / 4
20M *	0	0	188	188 / 188
17M	0	0	6	6 / 6
15M *	0	0	152	152 / 152
12M	0	0	1	1 / 1
10M *	1	0	122	123 / 122
6M	0	0	1	1 / 1
Challenge	1	0	705	--- / 706

\* = Award has been issued

[View Award Credit Matrix](#)

DXCC Award Credit Report Norman Fusaro, W3IZ																	
(Sorted by) Prefix	(Sort by) Entity	Deleted	Mix	Ph	CW	RT	SAT	160	80	40	30	20	17	15	12	10	6
	ABU AIL IS (DELETED)	Yes															
	BLenheim REEF (DELETED)	Yes															
	GEYSER REEF (DELETED)	Yes															
	SPRATLY ISLANDS																
1A0KM	SOV MILITARY ORDER OF MALTA		X	X						X	X	X					
1M	MINERVA REEF (DELETED)	Yes															
3A	MONACO		X	X	X					X	X						
3B7	AGALEGA & ST BRANDON ISLANDS		X	X	X	X			X	X	X						
3B8	MAURITIUS ISLAND		X	X	X				X		X						
3B9	RODRIGUEZ ISLAND																
3C	EQUATORIAL GUINEA																
3C0	ANNOBON																
3D2	CONWAY REEF																
3D2	FIJI ISLANDS																
3D2	ROTUMA		X	X										X			
3DA	SWAZILAND		X	X	X					X						X	
3V	TUNISIA		X	X	X							X	X	X			
3W, XV	VIET NAM																
3XA	GUINEA		X		X			X				X					
3Y	BOUVET ISLAND																
3Y	PETER 1 ISLAND		X	X	X							X	X	X			
4J	AZERBAIJAN																
4L	GEORGIA		X		X					X	X						
4O	MONTENEGRO		X	X	X	X		X	X	X	X	X		X			
4S	SRI LANKA		X	X								X					
4U1ITU	ITU HQ		X	X	X					X	X	X					

Most recent QSO record received 2008-11-02 21:11:28Z

<b>Select QSOs to List</b>		<b>Submit Query Form</b>
Call sign worked: <input type="text"/>	<small>May use wildcards (? and *)</small>	<input type="button" value="Submit"/>
Your call sign: <input type="text" value="- Any -"/>		<b>Common Queries</b>
Starting Date: <input type="text"/> Time: <input type="text"/>	<small>YYYY-MM-DD HHMM</small>	<input type="button" value="Most Recent QSLs"/>
Ending Date: <input type="text"/> Time: <input type="text"/>	<small>YYYY-MM-DD HHMM</small>	<input type="button" value="Most Recent QSOs"/>
Mode: <input type="text" value="- Any -"/>	Band: <input type="text" value="- Any -"/>	
<input type="checkbox"/> Show confirmed QSOs only		
DXCC Entity: <input type="text" value="- Any -"/>		
Sort by <input type="text" value="QSO Date"/> <input type="checkbox"/> Descending		
<input type="button" value="Clear Form"/>		
<b>Award Account</b>		
<input type="text" value="- None -"/>		

Quick Searches

QSO Search Form



# QSO Query

Information in QSL box  
means this contact *is* confirmed

Query

Download Report

Your QSOs

QSO Query

[New Query](#)

6 Records Shown (1-6)  
Sorted by Call sign (0.570541 seconds elapsed)

	Call sign	Worked	Date/Time	Band	Mode	Freq	QSL
<a href="#">Details</a>	W3IZ	W1AW	2008-02-23 20:22:48	20M	RTTY	14.075	<a href="#">UNITED STATES OF AMERICA</a>
<a href="#">Details</a>	W3IZ	W1AW	2008-01-05 18:39:41	20M	RTTY	14.07491	<a href="#">UNITED STATES OF AMERICA</a>
<a href="#">Details</a>	W3IZ	W1AW	2007-11-17 22:19:29	20M	SSB	14.22701	<a href="#">UNITED STATES OF AMERICA</a>
<a href="#">Details</a>	W3IZ	W1AW	2006-11-18 21:46:57	20M	SSB	14.25	<a href="#">UNITED STATES OF AMERICA</a>
<a href="#">Details</a>	W3IZ	W1AW	2006-06-25 12:50:31	40M	SSB	7.293	<a href="#">UNITED STATES OF AMERICA</a>
<a href="#">Details</a>	W3IZ	W1AW	2006-06-24 21:04:19	20M	SSB	14.326	

Most recent QSO record received 2008-11-02 21:11:28Z

No QSL information in QSL box  
means this contact is NOT confirmed



# QSO Query

Query

Download Report

Your QSOs

QSO Query

[New Query](#)

6 Records Shown (1-6)  
Sorted by Call sign (0.570541 seconds elapsed)

	Call sign	Worked	Date/Time	Band	Mode	Freq	QSL
<a href="#">Details</a>	W3IZ	W1AW	2008-02-23 20:22:48	20M	RTTY	14.075	<a href="#">UNITED STATES OF AMERICA</a>
<a href="#">Details</a>	W3IZ	W1AW	2008-01-05 18:39:41	20M	RTTY	14.07491	<a href="#">UNITED STATES OF AMERICA</a>
<a href="#">Details</a>	W3IZ	W1AW	2007-11-17 22:19:29	20M	SSB	14.22701	<a href="#">UNITED STATES OF AMERICA</a>
<a href="#">Details</a>	W3IZ	W1AW	2006-11-18 21:46:57	20M	SSB	14.25	<a href="#">UNITED STATES OF AMERICA</a>
<a href="#">Details</a>	W3IZ	W1AW	2006-06-25 12:50:31	40M	SSB	7.293	<a href="#">UNITED STATES OF AMERICA</a>
<a href="#">Details</a>	W3IZ	W1AW	2006-06-24 21:04:19	20M	SSB	14.326	

Most recent QSO record received 2008-11-02 21:11:28Z

Download an ADIF file of your confirmed contacts.

- LoTW is ***NOT*** a backup or storage of your entire log.
- You cannot download your entire log.
- Please make regular backups of your log files to external media



# QSO Detail

## Station

Call Sign W3IZ  
DXCC UNITED STATES OF AMERICA  
CQ Zone 5  
ITU Zone 8  
Grid FN31mq  
State CT  
County HARTFORD

## Worked Station

Worked W1AW  
DXCC UNITED STATES OF AMERICA (291)  
CQ Zone 5  
ITU Zone 8  
Grid FN31  
State CT  
County HARTFORD  
Date/Time 2008-02-23 20:22:48  
Mode RTTY (DATA)  
Band 20M  
Frequency 14.075

QSL [2008-02-26 00:38:37](#)

Record ID 159757514 Received: 2008-02-26 00:38:37

Notice the QSL time/date stamp.

This contact has been confirmed in LoTW





# QSO Detail

<b>Station</b>	
Call Sign	W3IZ
DXCC	UNITED STATES OF AMERICA
CQ Zone	5
ITU Zone	8
Grid	FN31mq
State	CT
County	HARTFORD
<b>Worked Station</b>	
Worked	W1AW
DXCC	UNITED STATES OF AMERICA (291)
CQ Zone	5
ITU Zone	8
Grid	FN31
State	CT
County	HARTFORD
Date/Time	2008-02-23 20:22:48
Mode	RTTY (DATA)
Band	20M
Frequency	14.075
QSL	<a href="#">2008-02-26 00:38:37</a>
Record ID 159757514 Received: 2008-02-26 00:38:37	

<b>Station</b>	
Call Sign	W3IZ
DXCC	UNITED STATES OF AMERICA
CQ Zone	5
ITU Zone	8
Grid	FN31mq
State	CT
County	HARTFORD
<b>Worked Station</b>	
Worked	K6GT
Date/Time	2008-11-02 20:52:58
Mode	CW (CW)
Band	20M
Frequency	14.04015
Receive Frequency	14.04015
Record ID 188113203 Received: 2008-11-02 21:11:28	

No QSL time/date stamp.  
This contact has not been confirmed.



# QSO Detail

## QSL Card Detail

### Worked Station

Worked Y34K

DXCC GERMAN DEMOCRATIC REPUBLIC (DELETED) (229)

Date 1989-10-28

Mode PHONE (PHONE)

Band 40M

QSL Card Detail.

Information was imported from an older DXCC account when a QSL card was submitted.

This record does not contain as much detail as LoTW QSL.



# Find A Call

Use this to see if a LoTW user uploaded a log recently.

**Join or Renew Today** **AMATEUR RADIO**

[Admin](#) [Home](#) [Your QSOs](#) [Awards](#) **[Find Call](#)** [Upload File](#) [Your Account](#)

### Logbook Call Sign Activity

Here you can query *Logbook* to find out the last time log data was uploaded for a particular call sign.

Last upload for **W1AW**: 2008-11-06 18:57:35Z

(Note: The date shown is when the log was sent to *Logbook*, not necessarily the date the QSO took place.)

### Instructions

Enter the call sign of the station you worked to see if log data has been uploaded since you worked the station. If it has, it doesn't guarantee that the part of that station's log that contains your QSO has been entered, but it's likely.

Note that as elsewhere in *Logbook*, call signs with portable identifiers are distinct. That is, KE3Z, KE3Z/7 and F/KE3Z are each treated as separate call signs. You must enter the one you are looking for. Entering KE3Z will *not* find KE3Z/7 or F/KE3Z log information.

### Why can't I just see if I'm in the other station's log?

As a security measure, you cannot see the other station's log entry unless you provide a matching log record. This prevents "trolling" for busted call signs.



# Find A Call

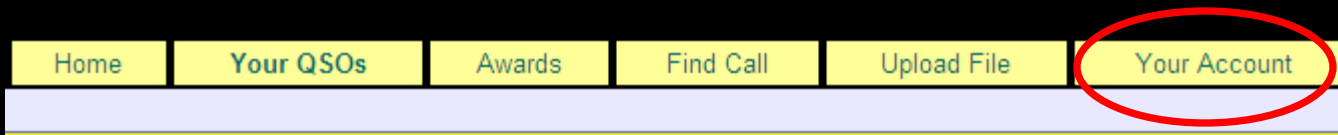
As a security measure, you cannot see the other station's log entry unless you provide a matching log record.

This prevents "trolling" for busted call signs.





# Your Account – Your activity



- Logbook Web Account Menu
- Your Activity**
- Your Certificates
- Change Password
- Account Settings
- Your Messages
- Payment Credits

## Your Logbook Account

Use the menu on the left to view or change your Logbook account information.

## Your Activity

This shows your submitted files that have been processed by Logbook of the World.

Date/Time	Via	File Processed	
2008-11-02 21:11:22	Web	C:\Documents and Settings\Administrator\Desktop\W3IZ_SS_CW.tq8	<a href="#">Result</a>
2008-10-29 00:25:17	Web	C:\LOGIC8\TMP\LOTWQSOS.tq8	<a href="#">Result</a>
2008-10-28 00:04:33	Web	C:\Users\Owner\Desktop\W3IZ.tq8	<a href="#">Result</a>
2008-10-05 01:46:29	Web	C:\LOGIC8\TMP\LOTWQSOS.tq8	<a href="#">Result</a>
2008-10-05 01:32:57	Web	C:\LOGIC8\TMP\LOTWQSOS.tq8	<a href="#">Result</a>
2008-09-14 18:46:54	Web	C:\Documents and Settings\Administrator\Desktop\W3IZ.tq8	<a href="#">Result</a>

Click on RESULT to view details



# Activity Details

## Logbook Activity Record

Date/Time: 2007-10-29 11:49:37

User: w3iz

File: C:\LOGIC8\TMP\LOTWQSOS.tq8

### Messages:

```
2007-10-29 11:49:37 LOTW_QSO: Processing file: msg-11379-1.tq8.unzipped
2007-10-29 11:49:37 LOTW_QSO: User file: C:\LOGIC8\TMP\LOTWQSOS.tq8
2007-10-29 11:49:37 LOTW_QSO: Certificate found for W3IZ - UNITED STATES OF AMERICA (291)
2007-10-29 11:49:38 LOTW_QSO: QSO record QSLs a contact
2007-10-29 11:49:38 LOTW_QSO: QSO: W3IZ BX5AA 2007-10-11 22:39:47Z 20M SSB
2007-10-29 11:49:38 LOTW_QSO: QSO record QSLs a contact
2007-10-29 11:49:38 LOTW_QSO: QSO: W3IZ 4A3A 2007-10-16 01:13:06Z 30M CW
2007-10-29 11:49:44 LOTW_QSO: QSO record QSLs a contact
2007-10-29 11:49:44 LOTW_QSO: QSO: W3IZ LN9Z 2007-10-27 05:47:48Z 80M SSB
2007-10-29 11:49:44 LOTW_QSO: QSO record QSLs a contact
2007-10-29 11:49:44 LOTW_QSO: QSO: W3IZ XE2K 2007-10-27 11:35:43Z 80M SSB
2007-10-29 11:49:46 LOTW_QSO: QSO record QSLs a contact
2007-10-29 11:49:46 LOTW_QSO: QSO: W3IZ G3XLW 2007-10-27 13:07:49Z 15M SSB
2007-10-29 11:49:47 LOTW_QSO: QSO record QSLs a contact
2007-10-29 11:49:47 LOTW_QSO: QSO: W3IZ KB1PAJ 2007-10-27 13:54:09Z 20M SSB
2007-10-29 11:49:48 LOTW_QSO: QSO record QSLs a contact
2007-10-29 11:49:48 LOTW_QSO: QSO: W3IZ DL4CF 2007-10-27 13:55:34Z 20M SSB
2007-10-29 11:49:48 LOTW_QSO: QSO record QSLs a contact
2007-10-29 11:49:48 LOTW_QSO: QSO: W3IZ VE4EAR 2007-10-27 13:58:12Z 20M SSB
2007-10-29 11:49:48 LOTW_QSO: QSO record QSLs a contact
2007-10-29 11:49:48 LOTW_QSO: QSO: W3IZ EA1DR 2007-10-27 14:20:00Z 15M SSB
2007-10-29 11:49:48 LOTW_QSO: QSO record QSLs a contact
2007-10-29 11:49:48 LOTW_QSO: QSO: W3IZ F1JKJ 2007-10-27 14:44:05Z 15M SSB
2007-10-29 11:49:50 LOTW_QSO: [Additional QSL notices suppressed]
2007-10-29 11:49:57 LOTW_QSO: Successfully processed 697 QSO records in 20.283866 seconds
2007-10-29 11:49:57 LOTW_QSO: 16 QSL records entered
2007-10-29 11:49:57 LOTW_QSO: No errors encountered
```

TQ8 File Name

Certificate that signed the file

Number of QSOs processed

Number of QSL matches



# Your Certificates

Your Activity	Use the menu on the left to view or change your Logbook account information.
<b>Your Certificates</b>	
Change Password	
Account Settings	
Your Messages	
Payment Credits	

**Your Certificates**

1 Certificates Found

[Download your certificates](#) (includes TQSL Configuration)  
[Download current TQSL Configuration file](#) (Last updated 2008-04-03 17:38Z)

**Certificate 113831**

Valid: 2006-08-18 00:00:00 - 2009-08-17 23:59:59  
Call sign: W3IZ  
DXCC entity: UNITED STATES OF AMERICA (291)  
QSO Dates: 1945-11-01 00:00:00 - 2009-08-17 23:59:59

Copyright 2007-2008 American Radio Relay League, Inc.  
All Rights Reserved

Download is ONLY for users who cannot receive a TQ6 file attachment in their e-mail.

This is not a complete certificate and cannot be used to recover your certificate.

# What can I do with LoTW?

**JOIN ARRL!**  
Join or Renew Today

Admin
Home
Your QSOs
Awards

**Award Account Menu**

Account Status

Account Credits

Modify Account

**Application**

Application History

**Your Logbook DXCC Account (W3IZ - UNITED STATES OF AMERICA)**

Account Status

Award	Selected	Applied	Awarded	Total / Current
<a href="#">Mixed</a> *	0	0	237	237 / 235
<a href="#">CW</a> *	2	0	165	167 / 167
<a href="#">Phone</a> *	1	0	209	210 / 208
<a href="#">RTTY</a>	4	0	68	72 / 72
<a href="#">160M</a>	0	0	41	41 / 41
<a href="#">80M</a> *	0	0	101	101 / 100
<a href="#">40M</a> *	1	0	120	121 / 120
<a href="#">30M</a>	1	0	5	6 / 6
<a href="#">20M</a> *	1	0	195	196 / 196
<a href="#">17M</a>	1	0	7	8 / 8

This account includes credits for the following:

W3IZ - UNITED STATES OF AMERICA

This account is linked with DXCC record:

Norman Fusaro, W3IZ [SYSID: 0000N8Z]

Notes

- Click on the **Awards** item in the menu at the top of the page
- You can click on the links in the Account Status table to

Apply for Awards



# Award Application

After checking the APPLICATION button select the QSOs that you wish to have credited in this application.

Account Status

Account Credits

Modify Account

Application

Application History

DXCC Award Application -- Part 1

Use this form to apply for a new DXCC award or an endorsement.

Entity	QSO	2.		Awards							
		Check all	Clear all	QW*	Phone*	RTTY	40M*	30M	20M*	17M	Challenge
GRENADA	<a href="#">J39BS</a>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			X					
GUERNSEY	<a href="#">GU4YOX</a>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				X				X
KENYA	<a href="#">5Z1A</a>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	X					X		X
MEXICO	<a href="#">4A1DXXE</a>	<input checked="" type="checkbox"/>	<input type="checkbox"/>							X	X
MEXICO	<a href="#">XE1ZVO</a>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			X					
MOLDOVA	<a href="#">ER0WW</a>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	X							
PORTUGAL	<a href="#">CT1EAT</a>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			X					
SURINAME	<a href="#">PZ5RA</a>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		X						
U K BASES ON CYPRUS	<a href="#">ZC4LI</a>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			X					
UNITED STATES OF AMERICA	<a href="#">W1AW</a>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					X			X

\* Award has been issued -- credits will be used for endorsement

Update and save selections
Continue ->

1.

It is best to CHECK ALL to receive all credits that your have earned.

Click CONTINUE

3.



# Award Application

Award	New Credits	Awarded Credits	Total Credits	Award Action
CW	2	165	167	Endorsement
Phone	1	209	210	Endorsement
RTTY	4	68	72	Not yet eligible (100 total credits required)
40M	1	120	121	Endorsement
30M	1	5	6	Not yet eligible (100 total credits required)
20M	1	195	196	Endorsement
17M	1	7	8	Not yet eligible (100 total credits required)

The next screen allows you to select the awards that you are applying for.

This example shows that endorsements for CW, Phone, 20m and 40m will be awarded.

On this screen you will enter your name as you want it on the award and the address to send the award.



# Award Application

The fee for that will be included is shown below.

Application fee	\$12.00
10 LoTW Payment Credits	\$2.50
<b>Total</b>	<b>\$14.50</b>

Note: These fees are based on the information you have provided. Adjustments will be made in the case of an application is processed.

Include any additional instructions or comments:

**Payment**

If you are an [ARRL Diamond Club](#) Gold (\$1000+) or above donor, or if you are a member of

I'm a qualifying ARRL Diamond Club or Maxim Society member

If you choose to, you can pay by mail or you can fax us your credit-card information.

I will pay by mail/fax

If you do not choose to pay by mail/fax and you are not a qualifying Diamond Club or Maxim

**Your Credit Card Information**

Cardholder Name

Card Type  Visa  Mastercard  American Express  Discover

The last screen is where you make your payment.

There is a text box for additional comments or instructions.

Once you have made an application you cannot make another until the previous application is completed.



How Do I Get Started?



# How Do I Get Started?

A screenshot of the 'Logbook of the World' website. The left sidebar contains a menu with items like 'Contests', 'Awards', 'DXCC Program', 'Logbook of the World', 'Instructions', 'DXCC and LoTW', 'WAS and LoTW', 'VUCC and LoTW', 'Advanced LoTW', 'LoTW For Clubs', 'DXpeditions', 'QSL Managers', 'Signed Certificates', 'Renew Certificate', 'LoTW Help', 'LoTW Resources', 'Developer', 'W1AW', 'Special Event Stations', 'QSL Service', 'Operating Specialties', and 'Operating Resources'. The 'Instructions' item is circled in red. The main content area has a header with 'LOG IN to your Logbook Account' and 'Log in to your LoTW account here! Go Now'. Below this is a banner for 'THE ARRL LOGBOOK OF THE WORLD' with the 'YAESU PRINCIPAL SPONSOR' logo. The main text area is titled 'Logbook of The World Account Holders' and contains the question 'Do you already have a Logbook of The World Account? Log in here.' followed by instructions on how to use the account. The link 'Logbook of The World Introduction' is circled in red.

Click  
INSTRUCTIONS

Read the introduction  
and Nuts & Bolts

[www.arrl.org/lotw](http://www.arrl.org/lotw)



# How Do I Get Started?

**Getting Started** —

**- Step 1 - Download and install the software**

Logbook of the world uses software called TrustedQSL. The software is free to download and use. Trusted QSL contains two programs TQSL Certificates and TQSL. Trusted QSL works with MS Windows and there is a version for Mac OSX.

If you are using anti-spyware programs such as Bit Defender you must configure your software to allow Trusted QSL to run. [Click here for instructions to configure Bit Defender.](#)

**Download the software for Windows here.**  
\*\* Windows Vista and Windows 7 (64 bit) users must download and save the TQSL 113.exe program then run the installation program as administrator.

**Download the Trusted QSL software for Mac here.** (Universal binary for PPC and Intel processors and OS X versions 10.4 and later.)

Linux users can build the software from the source code for the [gslib library](#) and the [TrustedQSL applications](#). (ARRL does not maintain packages for the plethora of Linux distributions. For assistance with obtaining a packaged version for your Linux distribution, contact your distribution's maintainer.)

+ **Step 2 - Request a certificate for your callsign**

+ **Step 3 - Authenticate your location (USA)**

+ **Step 3 - Authenticate your location (non-USA)**

+ **Step 4 - Load your certificate (TQ6 file)**

+ **Step 5 - Create a station location**

+ **Step 6 - Sign upload your log files**

**Non English Instructions** —

Four easy steps to set up your account.

1. Download the instructions
2. Download Software
3. Upload the certificate request
4. Upload your postcard password

This is where you download the Trusted QSL software for Windows.

TQSL for Mac.

Non English instructions.



With instructions translated in eleven languages LoTW really is the Logbook of the world.





# Getting Started

The following screens are an overview of the LoTW process.

Please use the illustrated instructions in the INSTRUCTIONS tab at [www.arrl.org/lotw](http://www.arrl.org/lotw)





# Getting Started

1. Download free software
2. Request a certificate
3. Verify your location
4. Load your certificate
5. Make you station location
6. Digitally sign and upload your log



**Getting Started** —

**- Step 1 - Download and install the software**

Logbook of the world uses software called TrustedQSL.  
The software is free to download and use.  
Trusted QSL contains two programs TQSL Certificates and TQSL.  
Trusted QSL works with MS Windows and there is a version for Mac OSX.

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Linux users can build the software from the [source code for the tqslib library](#) and the [TrustedQSL applications](#). (ARRL does not maintain packages for the plethora of Linux distributions. For assistance with obtaining a packaged version for your Linux distribution, contact your distribution's maintainer.)

**+ Step 2 - Request a certificate for your callsign**

**+ Step 3 - Authenticate your location (USA)**

**+ Step 3 - Authenticate your location (non-USA)**

**+ Step 4 - Load your certificate (TQ6 file)**

**+ Step 5 - Create a station location**

**+ Step 6 - Sign upload your log files**

**Non English Instructions—**

# Download the free software for your operating system

TQSL for Windows or Mac



# Trusted QSL

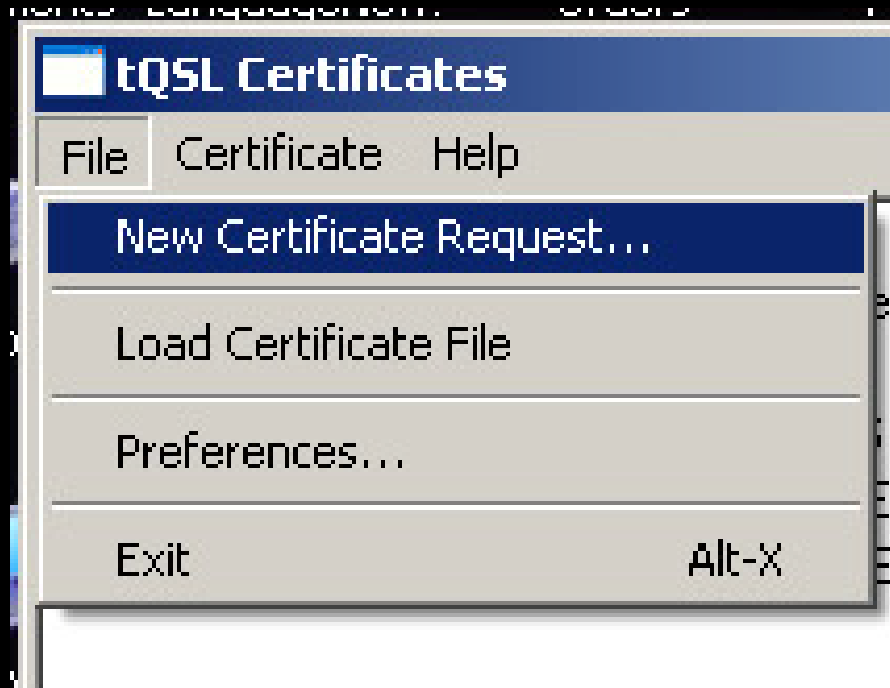
Trusted QSL has two programs:

- TQSL Cert - Used to request and manage digital certificates
- TQSL - Used to digitally sign log (ADIF or Cabrillo) log files so they can be sent to the LOTW server at ARRL HQ





# Request A Certificate



Use TQSL CERT to request certificates.

# Request A Certificate



Your primary certificate will be **UNSIGNED**

# Request A Certificate



If done correctly you should have a red slashed circle with your call and DXCC entity.



# Request A Certificate

**Instructions**

- Instructions
- DXCC and LoTW
- WAS and LoTW
- Advanced LoTW
- LoTW For Clubs
- DXpeditions
- QSL Managers
- Signed Certificates
- Renew Certificate
- LoTW Help
- LoTW Resources
- Developer
- File Upload**

Instruction for setting up your Logbook of The World account.

**Getting Started**

**- Step 1 - Download and install the software**

Logbook of the world uses software called TrustedQ...

Click the link from the INSTRUCTIONS page.

Logbook File Upload - Windows Internet Explorer

https://p1k.arrl.org/lotw/upload

AT&T Yahoo! Mail - w3iz... Program Files ARRLWeb: Logbook of t... Logbook File Up

**Logbook File Upload**

Here you can upload a certificate-request (.TQ5) file.

**File to Upload:**

[Return to start page](#)

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Upload your TQ5 file.



# Authenticate Your Location

Getting Started

- + Step 1 - Download and install the software
- + Step 2 - Request a certificate for your callsign
- + Step 3 - Authenticate your location (USA)
- + Step 3 - Authenticate your location (non-USA)
- + Step 4 - Load your certificate (TQ6 file)
- + Step 5 - Create a station location
- + Step 6 - Sign upload your log files

USA Stations

Non-USA  
Stations





# Authenticate Your Location

## - Step 3 - Authenticate your location (USA)

For radio amateurs in USA authentication is done with a postcard that is mailed to your address that is in the FCC database. If this address is not current please go to the FCC ULS website and update your address information <

<http://wireless.fcc.gov/uls/> >

You will go to the LoTW web page and enter an eight digit code from the postcard after which the TQ6 file will be e-mailed to the user.

[Go Now](#)

## Postcard Password Entry

*Note! This applies only to USA licensees!*

If you have received a postcard from the Logbook of the World in response to your certificate request. Instructions for locating the password can be found on the back of the postcard.

Call sign:

(The call sign must be the one in the certificate request.)

Password:

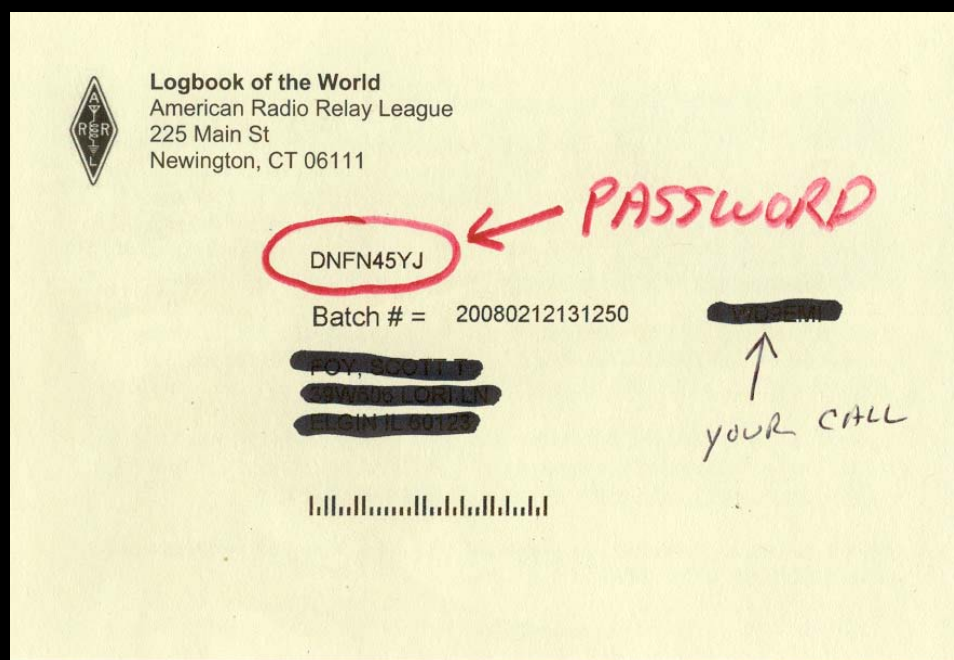
(The password must be the one printed on the front of the postcard.)

Click the link from the  
**INSTRUCTIONS**  
page.

Enter your callsign and  
the postcard password  
on the LoTW website.



# Authenticate Your Location



USA stations will receive a postcard in the mail.



# Authenticate Your Location

## - Step 3 - Authenticate your location (non-USA)

Non US stations will have to send a copy of your radio amateur operator permit and a copy of another identification such as a driver's license, passport or utility bill.

Send to:

ARRL LoTW Administrator  
225 Main St.  
Newington, CT 06111

Please, no electronic submissions. This must be postmarked from your location.

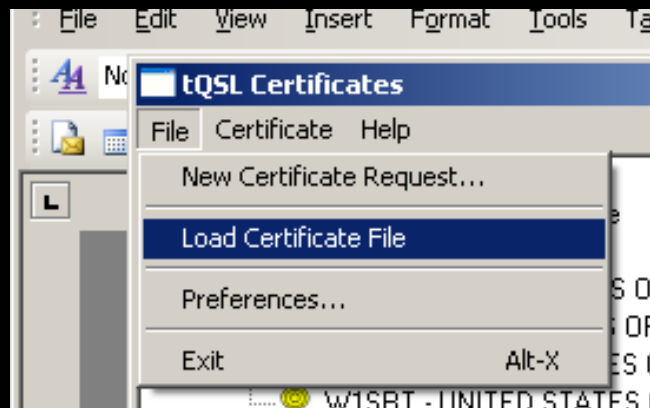
Follow this link for a complete list of acceptable documents.

[Go Now](#)

Click the link from the  
**INSTRUCTIONS** page.



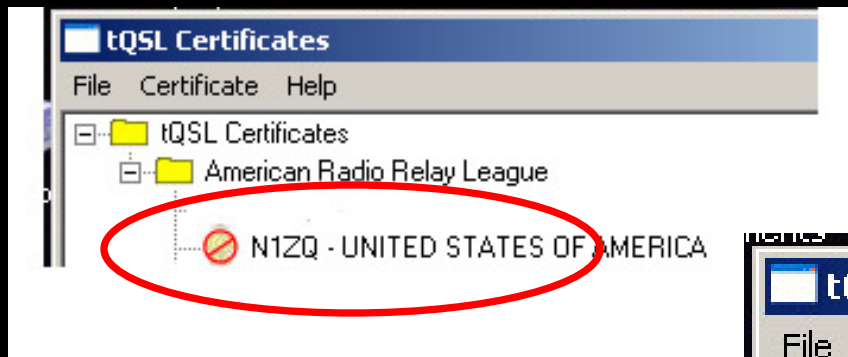
# Load your Certificate



Load the TQ6 certificate file that you receive in an e-mail.

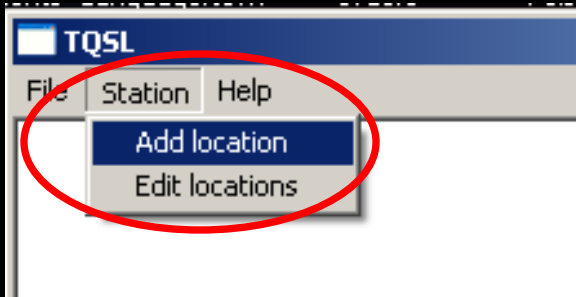
This e-mail will also contain your LoTW user page logon and password.

# Load your Certificate

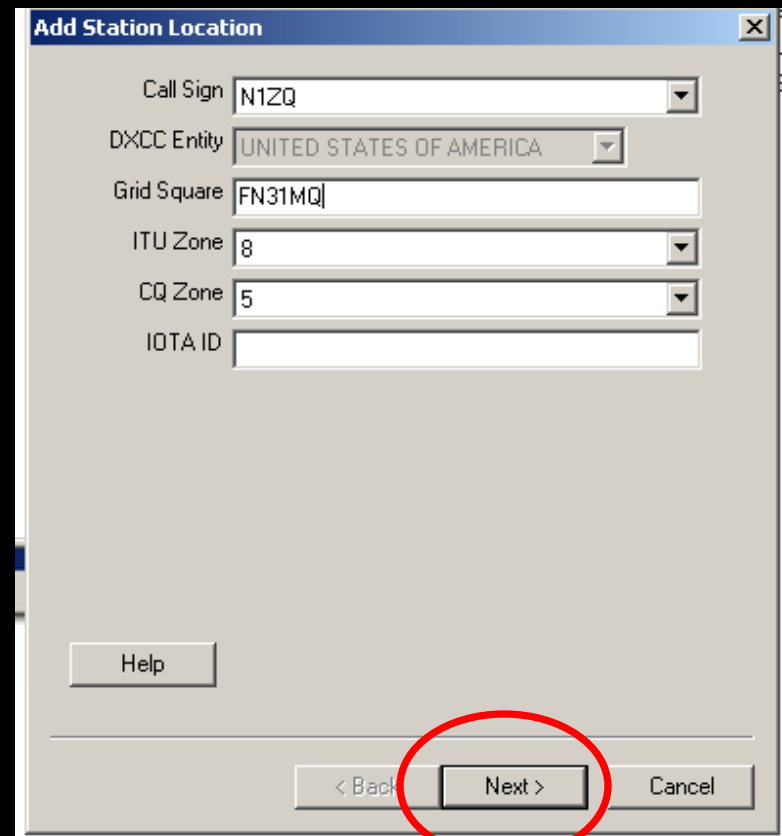


When properly loaded the red circle will change to a gold ribbon.

# Create A Station Location



Your station location contains all of your geographic information.



A screenshot of the 'Add Station Location' dialog box. The fields are filled with the following information:

Call Sign	N1ZQ
DXCC Entity	UNITED STATES OF AMERICA
Grid Square	FN31MQ
ITU Zone	8
CQ Zone	5
IOTA ID	

At the bottom of the dialog, there are three buttons: '< Back', 'Next >', and 'Cancel'. The 'Next >' button is circled in red.



# Create A Station Location

USA stations use the menu to select your State and county.

The screenshot shows a dialog box titled "Edit Station Location". It contains two dropdown menus: "State" and "County". The "State" dropdown is set to "Connecticut". The "County" dropdown is open, showing a list of counties: "[None]", "Fairfield", "Hartford", "Litchfield", "Middlesex", "New Haven", "New London", "Tolland", and "Windham". The "Hartford" option is highlighted. At the bottom of the dialog box, there are three buttons: "< Back", "Next >", and "Cancel". The "Next >" button is circled in red. A "Help" button is also visible on the left side of the dialog box.



# Create A Station Location

Name your location.

Station Data input complete

Select or enter name of this station location

)

Station Location Name

N1ZQ Hartford

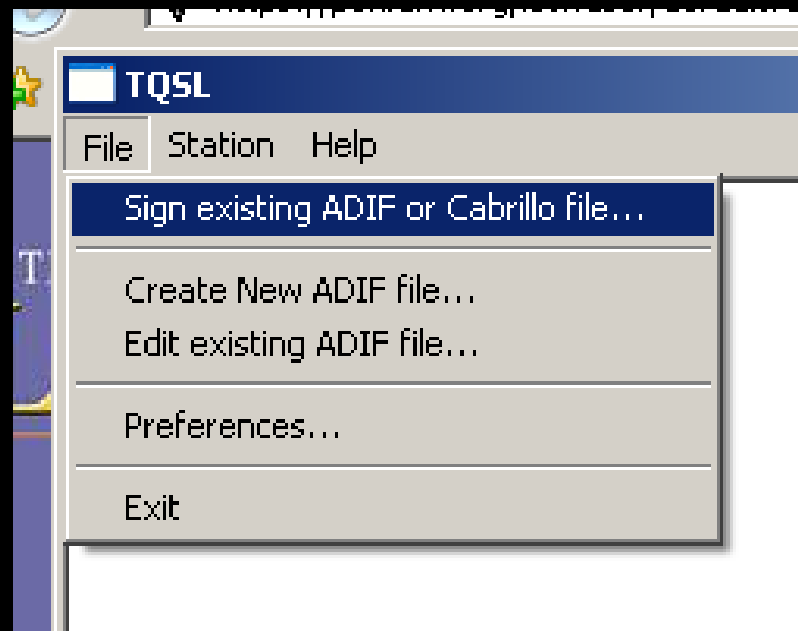
Help

< Back Finish Cancel



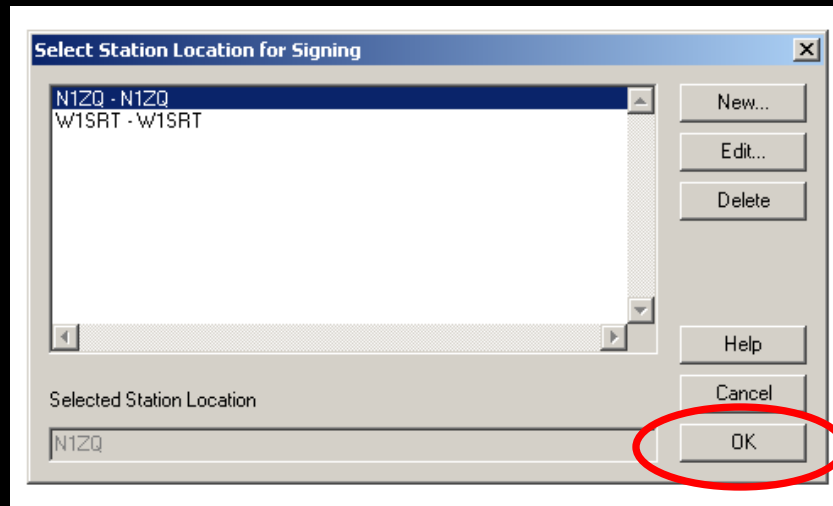


# Sign And Upload Your Log



LoTW will sign ADIF and Cabrillo files.  
TQSL include an ADIF file creator.

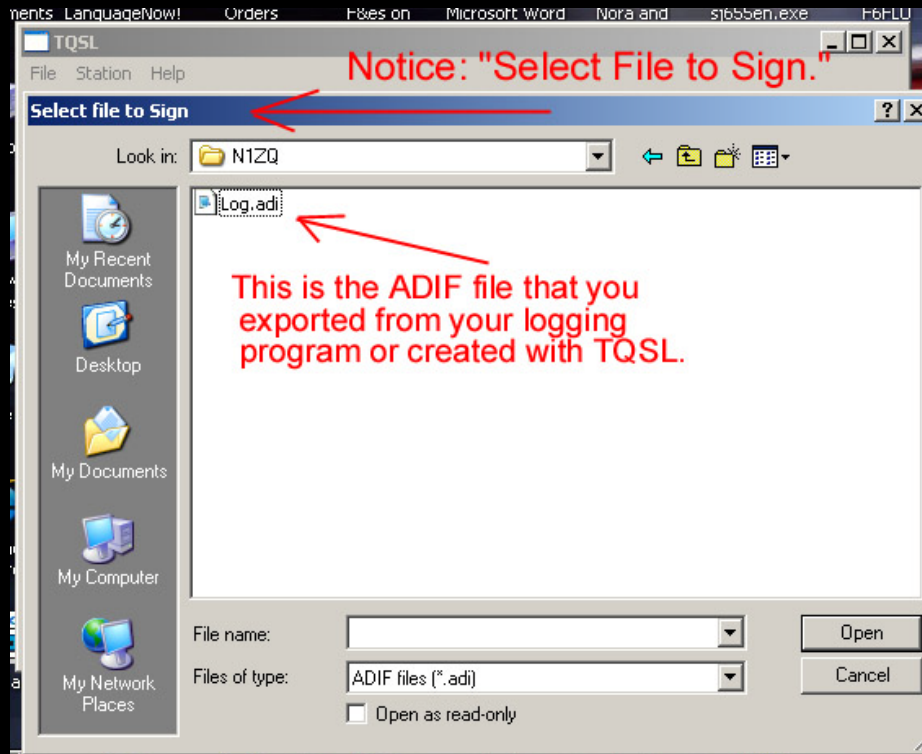
# Sign And Upload Your Log



Highlight the station location with a single left mouse click then click OK.

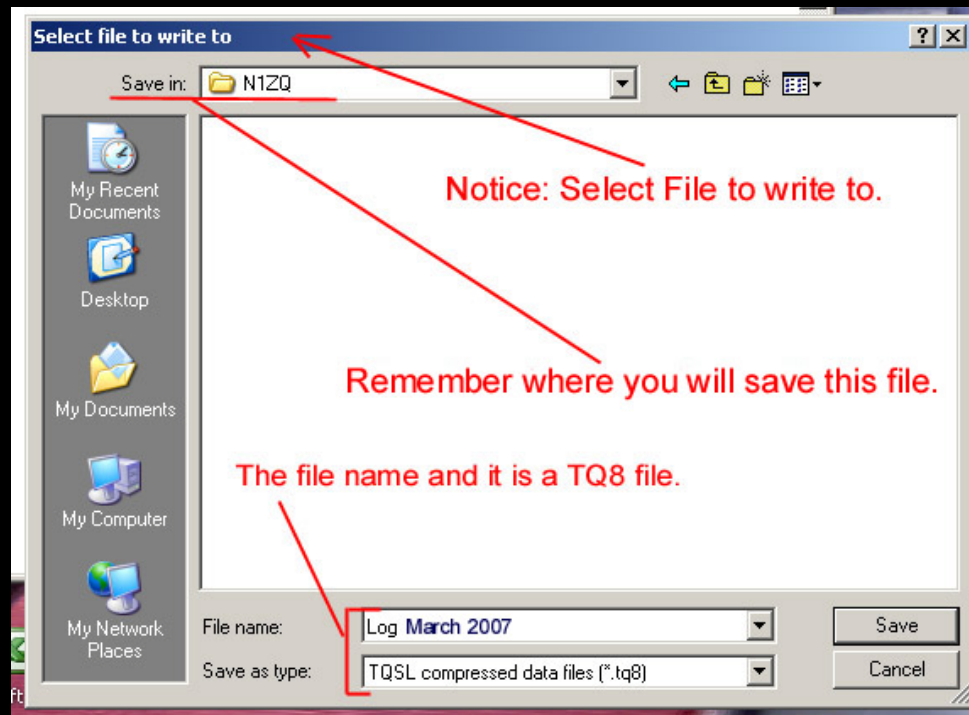
Note: double clicking the station location will place the location into edit mode.

# Sign And Upload Your Log



Select the log file that you wish to sign.

# Sign And Upload Your Log



Save the TQ8 File.



# Sign And Upload Your Log

A screenshot of a web browser window titled 'Logbook File Upload - Windows Internet Explorer'. The address bar shows the URL 'https://p1k.arrl.org/lotwuser/upload?awg\_id=&ac\_acct='. The browser tabs include 'Logbook File Upload' and 'ARRLWeb: ARRL Home Page'. The page content includes the ARRL logo, a navigation menu with 'Upload File' circled in red, and a file upload form. The form has a text input field for 'File to Upload:', a 'Browse...' button, and an 'Upload file' button. Below the form, there is a link to 'lotw-logs@arrl.org' and a copyright notice for 2007 American Radio Relay League, Inc.

Logbook File Upload - Windows Internet Explorer

https://p1k.arrl.org/lotwuser/upload?awg\_id=&ac\_acct=

Logbook File Upload | ARRLWeb: ARRL Home Page

Today is Wed, 20 Feb 2008 UTC

You are W3IZ -- Acting as: w3iz (10761)

[Log Off](#)

You have 15,622 QSO records

You have 2,360 QSL records

Admin | Home | Your QSOs | Awards | Find Call | **Upload File** | Your Account

### Logbook File Upload

Here you can upload a log (.TQ8) or certificate-request (.TQ5) file.

File to Upload:

You can also submit files via email to [lotw-logs@arrl.org](mailto:lotw-logs@arrl.org).

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Upload the TQ8 File.



# Your Account – Your activity

**Logbook Web Account Menu**

- Your Activity**
- Your Certificates
- Change Password
- Account Settings
- Your Messages
- Payment Credits

## Your Logbook Account

Use the menu on the left to view or change your Logbook account information.

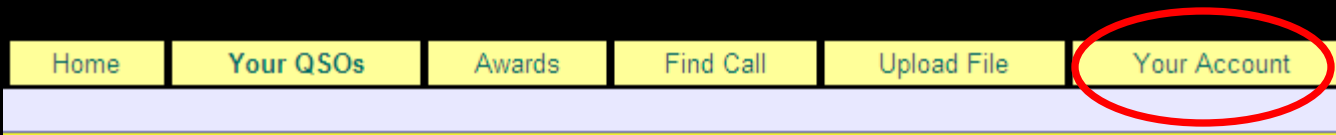
### Your Activity

This shows your submitted files that have been processed by Logbook of the World.

Date/Time	Via	File Processed	
2008-11-02 21:11:22	Web	C:\Documents and Settings\Administrator\Desktop\W3IZ_SS_CW.tq8	<a href="#">Result</a>
2008-10-29 00:25:17	Web	C:\LOGIC8\TMP\LOTWQSOS.tq8	<a href="#">Result</a>
2008-10-28 00:04:33	Web	C:\Users\Owner\Desktop\W3IZ.tq8	<a href="#">Result</a>
2008-10-05 01:46:29	Web	C:\LOGIC8\TMP\LOTWQSOS.tq8	<a href="#">Result</a>
2008-10-05 01:32:57	Web	C:\LOGIC8\TMP\LOTWQSOS.tq8	<a href="#">Result</a>
2008-09-14 18:46:54	Web	C:\Documents and Settings\Administrator\Desktop\W3IZ.tq8	<a href="#">Result</a>

See the files that you have uploaded and the results of your uploads.

# Your Account – Your activity



- Logbook Web Account Menu
- Your Activity**
- Your Certificates
- Change Password
- Account Settings
- Your Messages
- Payment Credits

## Your Logbook Account

Use the menu on the left to view or change your Logbook account information.

## Your Activity

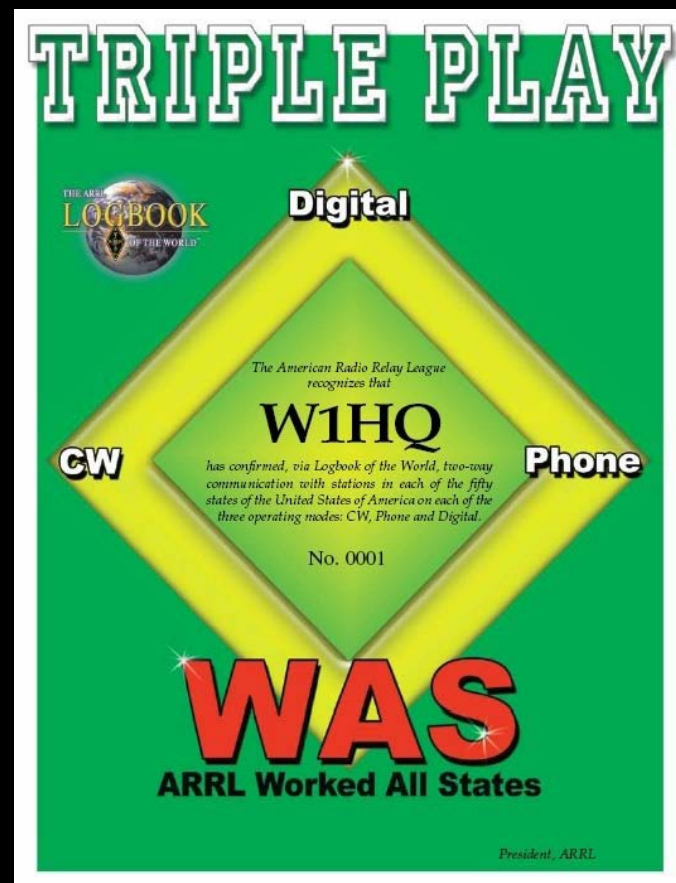
This shows your submitted files that have been processed by Logbook of the World.

Date/Time	Via	File Processed	
2008-11-02 21:11:22	Web	C:\Documents and Settings\Administrator\Desktop\W3IZ_SS_CW.tq8	<a href="#">Result</a>
2008-10-29 00:25:17	Web	C:\LOGIC8\TMP\LOTWQSOS.tq8	<a href="#">Result</a>
2008-10-28 00:04:33	Web	C:\Users\Owner\Desktop\W3IZ.tq8	<a href="#">Result</a>
2008-10-05 01:46:29	Web	C:\LOGIC8\TMP\LOTWQSOS.tq8	<a href="#">Result</a>
2008-10-05 01:32:57	Web	C:\LOGIC8\TMP\LOTWQSOS.tq8	<a href="#">Result</a>
2008-09-14 18:46:54	Web	C:\Documents and Settings\Administrator\Desktop\W3IZ.tq8	<a href="#">Result</a>

Click on RESULT to view details



# LoTW WAS Accounts







# LoTW WAS Accounts

*Choice of the World's top DX'ers<sup>SM</sup>*

Home   Your QSOs   **Awards**

## Logbook Awards

**Your LoTW ARRL DXCC (DX Century Club) Account(s)**

For an overview of LoTW DXCC support, see [Applying for DXCC Credits with Logbook of the World](#).

W1ECV - UNITED STATES OF AMERICA  
Select DXCC Award Account

**Your LoTW ARRL WAS (Worked All States) Account(s)**

You have no WAS Award accounts.

Create New WAS Award Account

**About Award Accounts**

Award accounts are created either automatically as needed or when you

- [DXCC](#) - Accounts created automatically
- [WAS](#) - Accounts created by you

For automatically created award accounts, when one of your QSOs get an existing account that can be used.

**DXCC Accounts**

For DXCC, an account is created for each unique combination of call sign and QSOs signed using certificates bearing these call signs and DXCC Ent

W1AW (USA)  
1AW (USA) -- old call

1.

2.

## Create Your WAS account

After logging onto your LoTW user page:

1. Select AWARDS
2. Select CREATE NEW WAS AWARD ACCOUNT



# LoTW WAS Accounts

Home    Your QSOs    Awards    Find Call    Upload File    Your Account

ccount

WAS Accounts

Rules and QSO Sets

WAS accounts can be configured to automatically select those of your QSOs that both qualify for a WAS award and also match a set of rules you specify.

A QSO Set is a list of rules that define QSOs that will be matched. Your account can include more than one QSO Set if needed to encompass all of your QSOs that are eligible for the awards.

The *rules* that make up a QSO Set each compare the value of a field related to the QSO. The fields that may be used for this comparison are the call sign you used to make the QSO, the QSO date, and several geographical fields. At least one rule must be included in a QSO Set in order to match any QSOs.

If more than one rule is present in the QSO Set, you may choose whether the QSOs must match *all* of the specified rules or *any* of the specified rules.

Read about RULES and QSO SETS



# LoTW WAS Accounts

Home   Your QSOs   Awards   Find Call   Upload File   Your Account

**Your Logbook WAS Account**

**Award Account Menu**

- Account Status
- Account Credits
- Modify Account
- Application
- Application History

Account Name:

Set as default WAS account

**WAS Accounts**

**Rules and QSO Sets**

WAS accounts can be configured to automatically select those of your QSOs that both qualify for a WAS award and also match a set of rules you specify.

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- Enter a name for your WAS account.
- Check the box if this is your default WAS account.
- Save account changes.



# LoTW WAS Accounts

Your Logbook WAS Account (W1ECV) [Delete this Account](#)

Account updated

Account Name:

Set as default WAS account

[Add a QSO Set to this WAS account](#)

[Delete this QSO Set](#)

No QSOs

[Add rule to QSO Set](#)

**WAS Accounts**

This WAS account presently matches no QSOs. That means that only QSOs you manually select (via "Your QSOs") will be used for this award account.

To make this WAS account automatically match QSOs, you must [add a rule](#).

**Rules and QSO Sets**

WAS accounts can be configured to automatically select those of your QSOs that both qualify for a WAS award and also match a set of rules you specify.

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If more than one rule is present in the QSO Set, you may choose whether the QSOs must match *all* of the specified rules or *any* of the specified rules.

Radio Relay League, Inc.

- Your account DOES NOT have any rules.
- Without rules LoTW can't match QSOs to your account.



# LoTW WAS Accounts

**Your Logbook WAS Account (W1ECV)** [Delete this Account](#)

Account updated

Account Name:

Set as default WAS account

[Add a QSO Set to this WAS account](#)

[Delete this QSO Set](#)

No QSOs

[Add rule to QSO Set](#)

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If more than one rule is present in the QSO Set, you may choose whether the QSOs must match *all* of the specified rules or *any* of the specified rules.

Radio Relay League, Inc.

You must ADD A RULE.



# LoTW WAS Accounts

Your Logbook WAS Account (W1ECV) [Delete this Account](#)

Account updated

Account Name:

Set as default WAS account

[Add a QSO Set to this WAS account](#)

[Delete this QSO Set](#)

No QSOs

[Add rule to QSO Set](#)

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The *rules* that make up a QSO Set each compare the value of a field related to the QSO. The fields that may be used for this comparison are the call sign you used to make the QSO, the QSO date, and several geographical fields. At least one rule must be included in a QSO Set in order to match any QSOs.

If more than one rule is present in the QSO Set, you may choose whether the QSOs must match *all* of the specified rules or *any* of the specified rules.

Radio Relay League, Inc.

Option to delete this account.



# LoTW WAS Accounts

**Award Account Menu**

- Account Status
- Account Credits
- Modify Account
- Application
- Application History
- Link Account

**Your Logbook WAS Account (W1ECV)**

Include QSOs matching... [Delete this QSO Set](#)

No QSOs

Rule Type: - Select Type - **Add Rule**

- Select Type -
- Call sign
- Date range
- DXCC Entity
- US State
- US County
- Grid Square

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Option to delete QSO set.

- Use the drop down menu to select a rule type.
- For most stations the callsign rule is sufficient.
- Other rules may be added to refine the application.
- After making your selection click ADD RULE.



# LoTW WAS Accounts

Your Logbook WAS Account (W1ECV)

Include QSOs matching... [Delete this QSO Set](#)

Your Call sign =

- Select Call Sign -

W1ECV

Radio Relay League, Inc.

Select your callsign and click CHANGE.





# LoTW WAS Accounts

**Your Logbook WAS Account (W1ECV)** [Delete this Account](#)

Account Name:

Set as default WAS account

**NOTE! Unsaved rule changes have been made**

[Add a QSO Set to this WAS account](#)

**Include QSOs matching...** [Delete this QSO Set](#)

**Your Call sign = W1ECV** [Delete rule](#) [Edit rule](#)

[Add rule to QSO Set](#)

**WAS**

Rules a

WAS ac  
also ma

A QSO  
Set if ne

The rule  
used for  
fields. A

If more t  
rules or

Confirm your rule.  
Edit or delete if necessary.



# LoTW WAS Accounts

**Your Logbook WAS Account (W1ECV)** [Delete this Account](#)

Account Name:

Set as default WAS account

*NOTE! Unsaved rule changes have been made*

[Add a QSO Set to this WAS account](#)

**Include QSOs matching...** [Delete this QSO Set](#)

Your Call sign = W1ECV [Delete rule](#) [Edit rule](#)

[Add rule to QSO Set](#)

WAS

Rules a

WAS ac  
also ma

A QSO  
Set if ne

The rule  
used for  
fields. A

If more t  
rules or

Save account changes.



# LoTW WAS Accounts

Account Status				
Award	Selected	Applied	Awarded	Total
<a href="#">Basic</a>	50	0	0	50
<a href="#">160M</a>	33	0	0	33
<a href="#">80M</a>	40	0	0	40
<a href="#">40M</a>	42	0	0	42
<a href="#">30M</a>	1	0	0	1
<a href="#">20M</a>	48	0	0	48
<a href="#">15M</a>	14	0	0	14
<a href="#">10M</a>	3	0	0	3
<a href="#">CW</a>	44	0	0	44
<a href="#">Phone</a>	50	0	0	50
<a href="#">RTTY</a>	49	0	0	49
<a href="#">Digital</a>	47	0	0	47
<a href="#">160M Phone</a>	19	0	0	19
<a href="#">160M CW</a>	32	0	0	32
<a href="#">80M Phone</a>	38	0	0	38
<a href="#">80M CW</a>	14	0	0	14
<a href="#">80M RTTY</a>	27	0	0	27
<a href="#">40M Phone</a>	33	0	0	33
<a href="#">40M CW</a>	19	0	0	19
<a href="#">40M RTTY</a>	29	0	0	29
<a href="#">30M CW</a>	1	0	0	1
<a href="#">20M Phone</a>	41	0	0	41
<a href="#">20M CW</a>	29	0	0	29
<a href="#">20M RTTY</a>	44	0	0	44
<a href="#">15M Phone</a>	8	0	0	8
<a href="#">15M CW</a>	6	0	0	6
<a href="#">15M RTTY</a>	4	0	0	4
<a href="#">10M Phone</a>	3	0	0	3
<a href="#">10M CW</a>	1	0	0	1
<a href="#">Triple Play</a>	93	0	0	93

\* - Award has been issued

After saving changes you will be directed to the account status matrix.

Notice that TRIPLE PLAY award status is displayed with all of your other WAS awards.

Click on the award to see the QSO select for this award.



# LoTW WAS Accounts

**Account Credits**

View:  Pending credits  All credits  All entities

Triple Play

**Notes**

- Pending credits include those QSLs Selected for award credit and those Applied for via Application.
- Use All credits to list both Pending and Awarded credits for the selected award.
- Use All entities to list all of the available WAS entities.

Award Credits: Selected: 93 Applied for: 0 Awarded: 0 Total: 93  
Key: Selected - Applied - Awarded

Entity	CW	Phone	Digital
Alabama			<a href="#">W4TKI</a>
Alaska	<a href="#">KL8DX</a>		<a href="#">NL7V</a>
Arizona			<a href="#">K7ACS</a>
Arkansas	<a href="#">K5GO</a>		<a href="#">W5KI</a>
California	<a href="#">W6YX</a>	<a href="#">AD6WL</a>	<a href="#">AF6ME</a>
Colorado	<a href="#">K9YKL</a>	<a href="#">K9YKL</a>	<a href="#">AC0BI</a>
Connecticut	<a href="#">K1ZZ</a>		<a href="#">N4QX</a>

- Read this information.
- View all entities will show all 50 U.S States.
- Click on a callsign to view details of the QSO.



# LoTW WAS Accounts

Award	Selected	Applied	Awarded	Total
<a href="#">Basic</a>	50	0	0	50
<a href="#">160M</a>	33	0	0	33
<a href="#">80M</a>	40	0	0	40
<a href="#">40M</a>	42	0	0	42
<a href="#">20M</a>	1	0	0	1

Application For WAS Awards

From the account screen select APPLICATION.



# LoTW WAS Accounts

## Application Part 1

### Award Application -- Part 1

Use this form to apply for a new award or an endorsement.

**Note:** If you apply for an award that shows *missing* states, you will have to supply QSL cards to ARRL HQ.

You have 93 credits toward Triple Play WAS.

The fee for each WAS certificate you apply for is \$15.00 (\$10.00 plus a \$5.00 LoTW service fee). The fee for each WAS endorsement (sticker(s) rather than a certificate) you apply for is \$12.00.

**NOTE:** US Amateurs must be ARRL Members to apply for WAS!

WAS Award	States Worked (LoTW)	Apply	
Basic	50	<input checked="" type="checkbox"/>	
160M	33	<input type="checkbox"/>	Missing: AK, AZ, CA, HI, ID, KS, KY, LA, MS, MO, MT,
80M	40	<input type="checkbox"/>	Missing: AR, HI, ID, MO, NE, NM, ND, UT, WA, WY
40M	42	<input type="checkbox"/>	Missing: AK, KY, MS, NE, NV, ND, UT, WY
30M	1	<input type="checkbox"/>	Missing: AL, AK, AZ, AR, CA, CO, DE, FL, GA, HI, ID, IL, IN, IA, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, MT, NC, ND, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VT, VA, WA, WI, WY
10M Phone	3	<input type="checkbox"/>	Missing: AL, AK, AZ, AR, CA, CO, DE, FL, GA, HI, ID, IL, IN, IA, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, MT, NC, ND, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VT, VA, WA, WI, WY
10M CW	1	<input type="checkbox"/>	Missing: AL, AK, AZ, AR, CA, CO, CT, DE, FL, GA, HI, ID, IL, IN, IA, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, MT, NC, ND, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VT, VA, WA, WI, WY

1. Select the award that you are applying for.

2. Scroll to the bottom of the page and select CONTINUE.

Continue ->

2.



# LoTW WAS Accounts Application Part 1

**Award Application -- Part 1**

Use this form to apply for a new award or an endorsement.

**Note:** If you apply for an award that shows *missing* states, you will have to pay for the award at ARRL HQ.

You have 93 credits toward Triple Play WAS.

The fee for each WAS certificate you apply for is \$15.00 (\$10.00 plus a \$5.00 processing fee).  
The fee for each WAS endorsement (sticker(s) rather than a certificate) is \$5.00.

**NOTE:** US Amateurs must be ARRL Members to apply for WAS!

This shows your Triple Play Award credits.

If you do not have all 150 TPA credits you cannot apply for the award.

When 150 TPA credits are available then there will be a link to apply for TPA.

You have 150 credits toward Triple Play WAS. Triple Play WAS has been awarded to you. Congratulations!

# LoTW WAS Accounts

## Application Part 3

**Award Application -- Part 2**

For each award that has missing States, you will have to use paper QSL cards and take it to an ARRL [HF Awards Manager](#) to have the award verified.

If you do not wish to do this, you can return to the [award application](#) page.

For any endorsements being applied for, indicate whether you will be applying for a new certificate (\$15.00)

**80M**

Certificate (\$15.00)  Endorsement (\$12.50)

QSOs must match: Band=80M

State	Station Worked
Hawaii	<input type="text"/>
Idaho	<input type="text"/>

Specify whether you are submitting cards to:

HF Award Manager (field check)  
 ARRL HQ (Return-postage charge applies: USA: \$1.45; CAN: \$1.45; INT: \$1.45)

- This is the award you are applying for.
- Select Certificate only. WAS awards are no longer endorsable. Endorsements will be rejected.
- This is where you can enter any missing States that will be verified using paper QSL cards and where the cards will be checked.
- \* Paper QSL cards cannot be used for Triple Play Award.
- Scroll to the bottom of the page and select CONTINUE





# LoTW WAS Accounts

**Award Application -- Part 3**

Enter the call sign for this WAS record:

Enter your name *exactly* as you want it to appear on certificates:

   
First Last  

Enter your address. Your certificate(s) and/or endorsement sticker(s) will be sent to this address:

Address

City  State  ZIP/Postal Code

Country  USA  Canada  Other  
Other:

Enter your e-mail address:

If you are satisfied with your selections you can use the Continue button below to go to the final step you want.

- The next page shows the fee you will be charged.
- Review the information and click CONTINUE.
- This next page is where you will enter all of your information for the certificate.
- Click Continue when finished.



# LoTW WAS Accounts

**WAS Award Application -- Part 4**

**Fees:**

WAS certificate fee (WAS)	\$10.00
LoTW service charge	\$5.00
Postage	\$0.70
<b>Total</b>	<b>\$15.70</b>

Include any additional instructions or comments:

**Payment**

If you are an [ARRL Diamond Club](#) Gold (\$1000+) or above donor, or if you are a member of the

I'm a qualifying ARRL Diamond Club or Maxim Society member

If you choose to, you can pay by mail or you can fax us your credit-card information.

I will pay by mail/fax

If you do not choose to pay by mail/fax and you are not a qualifying Diamond Club or Maxim S

**Your Credit Card Information**

Cardholder Name

Card Type  Visa  Mastercard  American Express  Discover

Card Number

Expiration Date:

- Part 4 is where you enter your payment information.
- If paying by mail the application will be cancelled if payment is not received within 30 days.
- Select CONTINUE to submit the application.



# LoTW WAS Accounts

- Application History will show the status of your application.
- Click on the date to view the application.

Account Status

Account Credits

Modify Account

Application

**Application History**

### Applications

This shows the applications you have submitted from the Logbook of the World system.

Date/Time	Status	# QSLs Sent	# QSLs Accepted	Reason
<a href="#">2009-01-24 16:34:21</a>	Finished	0	0	Accepted by Awards Desk

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QSL in these boxes refers only to paper cards.



LoTW WAS Accounts

YOUR QSOS

and

WAS Accounts

Most recent QSO record received 2008-11-02 21:11:28Z

<b>Select QSOs to List</b>		<b>Submit Query Form</b>
Call sign worked: <input type="text"/>	<small>May use wildcards (? and *)</small>	<input type="button" value="Submit"/>
Your call sign: <input type="text" value="- Any -"/>		<b>Common Queries</b>
Starting Date: <input type="text"/>	Time: <input type="text"/>	<input type="button" value="Most Recent QSLs"/>
<small>YYYY-MM-DD</small>	<small>HHMM</small>	<input type="button" value="Most Recent QSOs"/>
Ending Date: <input type="text"/>	Time: <input type="text"/>	
<small>YYYY-MM-DD</small>	<small>HHMM</small>	
Mode: <input type="text" value="- Any -"/>	Band: <input type="text" value="- Any -"/>	
<input type="checkbox"/> Show confirmed QSOs only		
DXCC Entity: <input type="text" value="- Any -"/>		
Sort by <input type="text" value="QSO Date"/> <input type="checkbox"/> Descending		
<input type="button" value="Clear Form"/>		
<b>Award Account</b>		
<input type="text" value="- None -"/>		

Quick Searches

QSO Search Form



# LoTW WAS Accounts

Admin Home Your QSOs Awards Find Call U

Your QSOs

QSO Query

Most recent QSO record received 2009-01-26 13:28:30Z

Select QSOs to List		Submit Query Form
Call sign worked: <input type="text"/>	<small>May use wildcards (? and *)</small>	<input type="button" value="Submit"/>
Your call sign: <input type="text" value="- Any -"/>		Common Queries
Starting Date: <input type="text" value="YYYY-MM-DD"/>	Time: <input type="text" value="HHMM"/>	Most Recent QSLs
Ending Date: <input type="text" value="YYYY-MM-DD"/>	Time: <input type="text" value="HHMM"/>	Most Recent QSOs
Mode: <input type="text" value="- Any -"/>	Band: <input type="text" value="- Any -"/>	
<input type="checkbox"/> Show confirmed QSOs only		
DXCC Entity: <input type="text" value="- Any -"/>		
Sort by <input type="text" value="QSO Date"/> <input type="checkbox"/> Descending		
<input type="button" value="Clear Form"/>		
Award Account		
<input type="text" value="WAS: W1AW"/>		

1. Select your WAS account from the awards menu.
2. SUBMIT



# QSO Query

Information in QSL box  
means this contact *is* confirmed

Query

Download Report

Your QSOs

QSO Query

[New Query](#)

6 Records Shown (1-6)  
Sorted by Call sign (0.570541 seconds elapsed)

	Call sign	Worked	Date/Time	Band	Mode	Freq	QSL
<a href="#">Details</a>	W3IZ	W1AW	2008-02-23 20:22:48	20M	RTTY	14.075	<a href="#">UNITED STATES OF AMERICA</a>
<a href="#">Details</a>	W3IZ	W1AW	2008-01-05 18:39:41	20M	RTTY	14.07491	<a href="#">UNITED STATES OF AMERICA</a>
<a href="#">Details</a>	W3IZ	W1AW	2007-11-17 22:19:29	20M	SSB	14.22701	<a href="#">UNITED STATES OF AMERICA</a>
<a href="#">Details</a>	W3IZ	W1AW	2006-11-18 21:46:57	20M	SSB	14.25	<a href="#">UNITED STATES OF AMERICA</a>
<a href="#">Details</a>	W3IZ	W1AW	2006-06-25 12:50:31	40M	SSB	7.293	<a href="#">UNITED STATES OF AMERICA</a>
<a href="#">Details</a>	W3IZ	W1AW	2006-06-24 21:04:19	20M	SSB	14.326	

Most recent QSO record received 2008-11-02 21:11:28Z

No QSL information in QSL box  
means this contact is NOT confirmed



### Station

Call Sign W3IZ  
DXCC UNITED STATES OF AMERICA  
CQ Zone 5  
ITU Zone 8  
Grid FN31mq  
State CT  
County HARTFORD

### Worked Station

Worked W1AW  
DXCC UNITED STATES OF AMERICA (291)  
CQ Zone 5  
ITU Zone 8  
Grid FN31  
State CT  
County HARTFORD  
Date/Time 2008-02-23 20:22:48  
Mode RTTY (DATA)  
Band 20M  
Frequency 14.075

QSL [2008-02-26 00:38:37](#)

Record ID 159757514 Received: 2008-02-26 00:38:37

# QSO Detail

Notice the QSL time/date stamp.

This contact has been confirmed in LoTW





# QSO Detail

Station	
Call Sign	W3IZ
DXCC	UNITED STATES OF AMERICA
CQ Zone	5
ITU Zone	8
Grid	FN31mq
State	CT
County	HARTFORD
Worked Station	
Worked	W1AW
DXCC	UNITED STATES OF AMERICA (291)
CQ Zone	5
ITU Zone	8
Grid	FN31
State	CT
County	HARTFORD
Date/Time	2008-02-23 20:22:48
Mode	RTTY (DATA)
Band	20M
Frequency	14.075
QSL	<a href="#">2008-02-26 00:38:37</a>

---

Record ID 159757514 Received: 2008-02-26 00:38:37

Station	
Call Sign	W3IZ
DXCC	UNITED STATES OF AMERICA
CQ Zone	5
ITU Zone	8
Grid	FN31mq
State	CT
County	HARTFORD
Worked Station	
Worked	K6GT
Date/Time	2008-11-02 20:52:58
Mode	CW (CW)
Band	20M
Frequency	14.04015
Receive Frequency	14.04015

---

Record ID 188113203 Received: 2008-11-02 21:11:28

No QSL time/date stamp.  
This contact has not been confirmed.



# QSO Detail

## QSL Card Detail

### Worked Station

Worked Y34K

DXCC GERMAN DEMOCRATIC REPUBLIC (DELETED) (229)

Date 1989-10-28

Mode PHONE (PHONE)

Band 40M

QSL Card Detail.

Information was imported from an older DXCC account when a QSL card was submitted.

This record does not contain as much detail as LoTW QSL.



# LoTW WAS Accounts

# !M\*

This is telling you that the QSO does not match the rules of your account.

	Call sign	Worked	Date/Time	Band	Mode	Freq	QSL		WAS
<a href="#">Details</a>	W3IZ	KL7Y	2002-02-16 03:42:21	20M	CW		<a href="#">ALASKA</a>	<input type="checkbox"/> !M*	Alaska: Basic; 20M; CW; 20M CW
<a href="#">Details</a>	W3IZ	KL7Y	2000-03-04 07:12:27	40M	SSB				
<a href="#">Details</a>	W3IZ	KL7Y	2000-03-04 05:33:57	20M	SSB		<a href="#">ALASKA</a>	<input type="checkbox"/> !M*	Alaska: Basic; 20M; Phone; 20M Phone
<a href="#">Details</a>	W3IZ	KL7Y	2000-03-04 02:38:31	15M	SSB				
<a href="#">Details</a>	W3IZ	KL7Y	2000-03-04 01:50:43	10M	SSB		<a href="#">ALASKA</a>	<input type="checkbox"/> !M*	Alaska: Basic; 10M; Phone; 10M Phone

M\* = QSO does not match w3iz Award Account parameters

Submit WAS Credit Changes



# LoTW WAS Accounts

	Call sign	Worked	Date/Time	Band	Mode	Freq	QSL		WA
<a href="#">Details</a>	W3IZ	KL7Y	2002-02-16 03:42:21	20M	CW		<a href="#">ALASKA</a>	<input type="checkbox"/> <a href="#">IM*</a>	Alas
<a href="#">Details</a>	W3IZ	KL7Y	2000-03-04 07:12:27	40M	SSB				
<a href="#">Details</a>	W3IZ	KL7Y	2000-03-04 05:33:57	20M	SSB		<a href="#">ALASKA</a>	<input type="checkbox"/> <a href="#">IM*</a>	Alas
<a href="#">Details</a>	W3IZ	KL7Y	2000-03-04 02:38:31	15M	SSB				
<a href="#">Details</a>	W3IZ	KL7Y	2000-03-04 01:50:43	10M	SSB		<a href="#">ALASKA</a>	<input type="checkbox"/> <a href="#">IM*</a>	Alas

M\* = QSO does not match w3iz Award Account parameters

Submit WAS Credit Changes

Click DETAILS to see the details of this QSO.



# LoTW WAS Accounts

This QSO is from my operation in Pennsylvania.

The rules for this account will only include QSOs from operations in Connecticut.

Station	
Call Sign	W3IZ
DXCC	UNITED STATES OF AMERICA
CQ Zone	5
ITU Zone	8
Grid	FN30
State	PA
County	BUCKS
Worked Station	
Worked	KL7Y
DXCC	ALASKA (6)
CQ Zone	1
ITU Zone	1
Grid	BP51en
State	AK
Date/Time	2002-02-16 03:42:21
Mode	CW (CW)
Band	20M
QSL	<a href="#">2008-08-18 03:44:49</a>

Record ID 126232324 Received: 2008-08-18 03:44:49

Your Call sign = W3IZ [Delete rule](#) [Edit rule](#)  
AND Your US State = Connecticut [Delete rule](#) [Edit rule](#)  
[Add rule to QSO Set](#)

This QSO does not match the rules for this account. !M\*

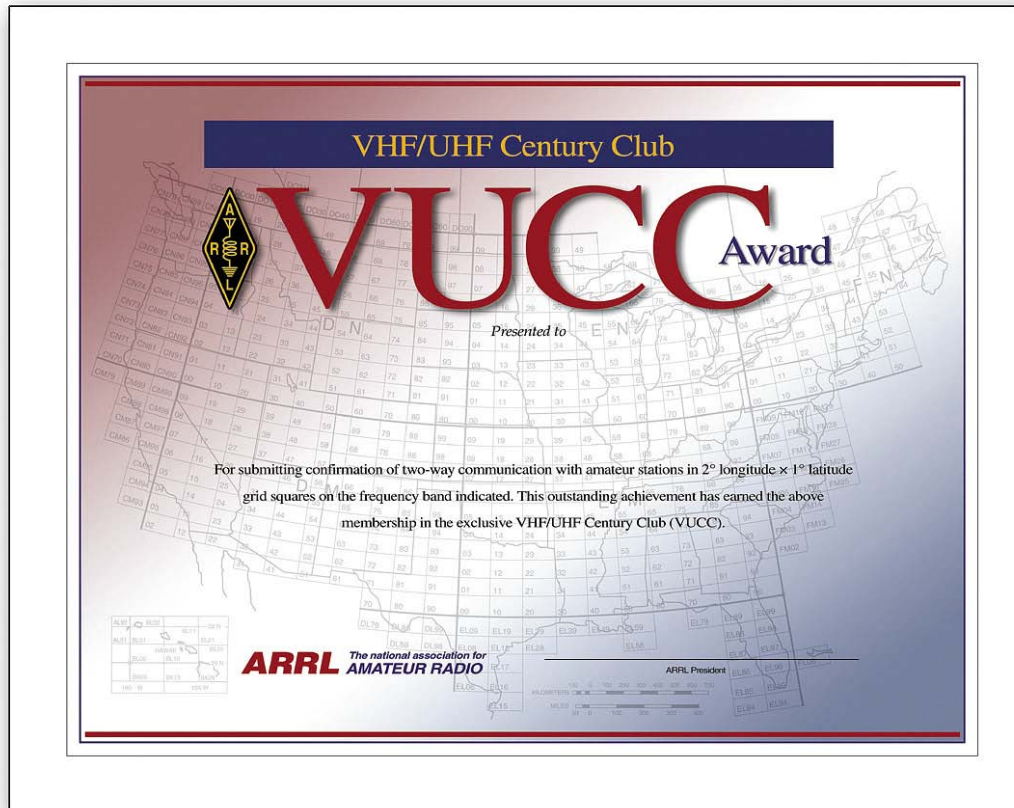


# LoTW WAS Accounts

QSL		WAS
	<input checked="" type="checkbox"/>	Illinois: Basic; 80M; 80M CW; CW
9	<input checked="" type="checkbox"/>	Illinois: 15M; 15M CW
4		
1	<input checked="" type="checkbox"/>	Georgia: 20M CW; Triple Play
8	<input checked="" type="checkbox"/>	Washington: 15M RTTY
4	<input type="checkbox"/>	Alaska: Basic; 20M; RTTY; 20M RTTY; Triple Play
2	<input checked="" type="checkbox"/>	MD;DATA: Triple Play
5	<input checked="" type="checkbox"/>	CA;DATA: Triple Play
4	<input type="checkbox"/>	Hawaii: Basic; 20M; RTTY; 20M RTTY; Triple Play

- Black check box is a QSO that LoTW selected for the award in the cell to the right.
- White box lets you select a QSO for the award in the cell to the right.
- Checking a white box will unselect the QSO that has been auto selected for this award.

# LoTW & VUCC





# LoTW VUCC Accounts

ARRL Logbook of The World can now accept QSOs for the VUCC and Fred Fish Memorial awards.





# LoTW VUCC Accounts

To comply with the VUCC rules all QSOs for a VUCC award must be made within a 50 mile radius.



# LoTW VUCC Accounts

Therefore you must create a separate VUCC award account for any operation outside of a 50 mile radius.



# LoTW VUCC Accounts

You do not have to create separate accounts for each band that you operated from a geographic location within a 50 mile radius.

LoTW will manage you band awards for you in each account.



# LoTW VUCC Accounts

For example:

You normally operate from home  
**FN20** but you also operated  
portable from **EL97**.



# LoTW VUCC Accounts

You will have to create two separate VUCC accounts so that the QSOs you made from **EL97** are not credited to your home operation from **FN20**.



# LoTW VUCC Accounts

Creating a VUCC award account is just like creating your Worked All States account in LoTW.



# LoTW VUCC Accounts

Accounts must have rules in order to tell the LoTW system how to select QSOs for a particular award.



# LoTW VUCC Accounts

Creating a VUCC award account is easy and only takes a few minutes.

Let's get started.





# LoTW VUCC Accounts

**DX ENGINEERING** *Let us show you the way to the top of the Honor Roll*

Admin Home Your QSOs **Awards** Find Call Up

## Logbook Awards

**Your LoTW ARRL DXCC (DX Century Club) Account(s)**

For an overview of LoTW DXCC support, see [Applying for DXCC Credits with Logbook of the World](#).

W3IZ - UNITED STATES OF AMERICA  
Select DXCC Award Account

**Your LoTW ARRL WAS (Worked All States) Account(s)**

W3IZ  
Select WAS Award Account

Create New WAS Award Account

**Your LoTW ARRL VUCC (VHF/UHF Century Club) Account(s)**

You have no VUCC Award accounts.

Create New VUCC Award Account

### About Award Accounts

Award accounts are created either automatically as needed or when you create them, depending on the awards program.

- [DXCC](#) - Accounts created automatically
- [WAS](#) - Accounts created by you
- [VUCC](#) - Accounts created by you

For automatically created award accounts, when one of your QSOs gets matched (QSLed), a new award account is created that can be used.

### DXCC Accounts

For DXCC, an account is created for each unique combination of call sign and DXCC Entity. For example, suppose W1AW certificates bearing these call signs and DXCC Entities:

- W1AW (USA)
- 1AW (USA) -- old call
- W1HQ (USA) -- club call
- W1AW/0 (USA) -- portable operation
- VE3/W1AW (Canada) -- expedition

As matching QSO records (QSLs) were uploaded from other stations, a DXCC award account would be created for each of these call signs and DXCC Entities.

If you have more than one call sign in the same DXCC Entity, you can merge the accounts to make them one. For example, you can merge W1AW and 1AW into a single account.

After logging into your LoTW user account select AWARDS then select **CREATE NEW VUCC AWARD ACCOUNT.**



# LoTW VUCC Accounts

The screenshot shows a web interface for managing VUCC accounts. On the left is a navigation menu with the following items: Award Account Menu, Account Status, Account Credits, Modify Account, Application, and Application History. The main content area is titled 'Your Logbook VUCC Account' and contains the following fields and options:

- Account Name: W3IZ CT
- Set as default VUCC account
- Save account changes (highlighted with a red box)

On the right side, there is a sidebar with a 'VUCC' tab and some partially visible text: 'Rules an...', 'VUCC ac...', 'A QSO S...', 'for the av...', 'The rules...', 'QSO, the...', and 'If more th...'.

Give your VUCC award account a name.

If you operate from more than one location it makes sense to include a geographic reference in the account name in order to distinguish your accounts. In this example we named the account

**W3IZ CT**

Click **SAVE ACCOUNT CHANGES**



# LoTW VUCC Accounts

- Award Account Menu
- Account Status
- Account Credits
- Modify Account
- Application
- Application History
- Link Account

Your Logbook VUCC Account (W3IZ FN31) [Delete this Account](#)

Account updated

Account Name:

Set as default VUCC account

[Add a QSO Set to this VUCC account](#)

[Delete this QSO Set](#)

No QSOs

[Add rule to QSO Set](#)

### VUCC Accounts

This VUCC account pres...

To make this VUCC acco...

### Rules and QSO Sets

VUCC accounts can be c... specify.

A QSO Set is a list of rul... QSOs that are eligible for...

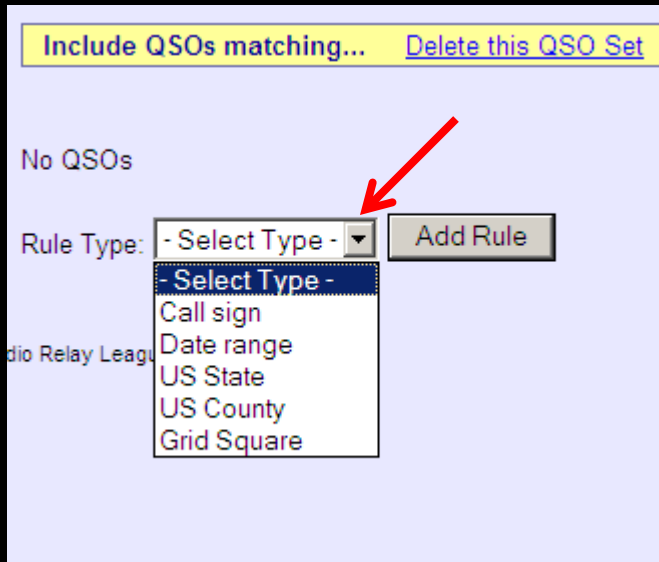
The *rules* that make up a... you used to make the QS...

Notice that you can delete this account from this screen.

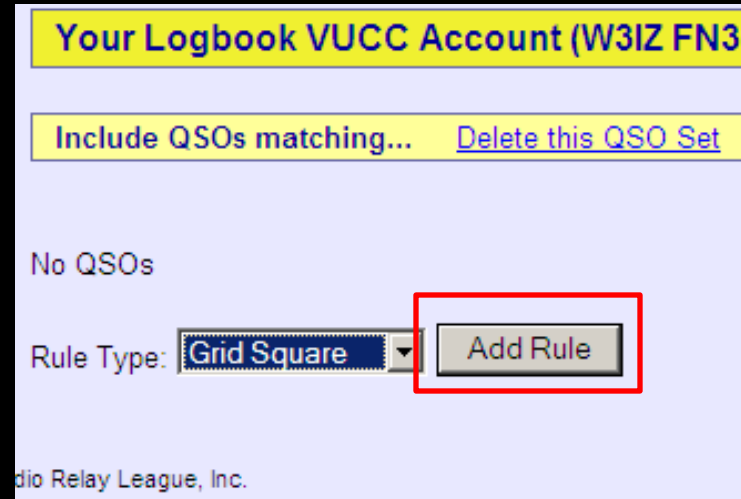
Click **Add Rule to QSO Set**



# LoTW VUCC Accounts



Use the drop down menu to select the rule that you want to apply to this QSO set.



Once you've selected a rule click the **ADD RULE** button



# LoTW VUCC Accounts

Your Logbook VUCC Account (W3IZ FN31)

Include QSOs matching... [Delete this QSO Set](#)

Your Grid Square =

- Select Grid Square -
- FN20
- FN21MQ
- FN30**
- FN31
- FN31MQ
- FN31PR

Radio Relay League, Inc.

Select the information that applies to this rule.

In this example it is grid square information that we see in the menu.

After selecting the grid square click **CHANGE**



# LoTW VUCC Accounts

Your Logbook VUCC Account (W3IZ CT) [Delete this Account](#)

Account Name:

Set as default VUCC account

*NOTE! Unsaved rule changes have been made*

[Add a QSO Set to this VUCC account](#)

[Delete this QSO Set](#)

Your Grid Square = FN31 [Delete rule](#) [Edit rule](#)

[Add rule to QSO Set](#)

Your Logbook VUCC Account (W3IZ FN31)

[Delete this QSO Set](#)

Your Grid Square =

- Select Grid Square -
- FN20
- FN21MQ
- FN30**
- FN31
- FN31MQ
- FN31PR

Radio Relay League, Inc.

Because several grid squares are within the 50 mile radius rule we will **ADD RULE** to add the other grids that apply to this VUCC award account.

**Note:** These are grid squares from where you operated. **NOT** the grids of the stations that you worked.



# LoTW VUCC Accounts

Your Logbook VUCC Account (W3IZ CT) [Delete this Account](#)

Account Name:

Set as default VUCC account

*NOTE! Unsaved rule changes have been made*

[Add a QSO Set to this VUCC account](#)

Include QSOs matching... [Delete this QSO Set](#)

ALL of these rules: [\(change ALL to ANY\)](#)

Your Grid Square = FN31	<a href="#">Delete rule</a>	<a href="#">Edit rule</a>
AND Your Grid Square = FN31MQ	<a href="#">Delete rule</a>	<a href="#">Edit rule</a>
AND Your Grid Square = FN31PR	<a href="#">Delete rule</a>	<a href="#">Edit rule</a>

Your Logbook VUCC Account (W3IZ CT) [Delete this Account](#)

Account Name:

Set as default VUCC account

*NOTE! Unsaved rule changes have been made*

[Add a QSO Set to this VUCC account](#)

Include QSOs matching... [Delete this QSO Set](#)

ANY of these rules: [\(change ANY to ALL\)](#)

Your Grid Square = FN31	<a href="#">Delete rule</a>	<a href="#">Edit rule</a>
OR Your Grid Square = FN31MQ	<a href="#">Delete rule</a>	<a href="#">Edit rule</a>
OR Your Grid Square = FN31PR	<a href="#">Delete rule</a>	<a href="#">Edit rule</a>

[Add rule to QSO Set](#)

Because any of these rules apply we will change ALL to ANY.

Now the rules read OR instead of AND.

Click **SAVE ACCOUNT CHANGES** to lock in your rules.



# LoTW VUCC Accounts

Your Logbook VUCC Account (W3IZ CT)				
Account Status				
Award	Selected	Applied	Awarded	Total
<a href="#">Fred Fish Memorial Award</a>	1	0	0	1
<a href="#">VUCC 50 MHz</a>	1	0	0	1
<a href="#">VUCC 10 GHz</a>	1	0	0	1

\* = Award has been issued

Now your Award Credit Matrix will be populated with QSOs that match your rules.

Remember, if you do not set your rules or have rules that conflict LoTW will not know how to select your QSOs for your award.

LoTW only knows what you tell it, not what you meant to say.





# LoTW VUCC Accounts

Here is how an active VHFer's  
accounts would look like.



# LoTW VUCC Accounts

## Logbook Awards

### Your LoTW ARRL DXCC (DX Century Club) Account(s)

For an overview of LoTW DXCC support, see [Applying for DXCC Credits with Logbook of the World](#).

KX9X - UNITED STATES OF AMERICA ▾

Select DXCC Award Account

### Your LoTW ARRL WAS (Worked All States) Account(s)

Connecticut WAS ▾

Select WAS Award Account

Create New WAS Award Account

### Your LoTW ARRL VUCC (VHF/UHF Century Club) Account(s)

KX9X/1- NH & VT Combined ▾

KX9X - FN31

KX9X-Champaign County

KX9X/1- NH & VT Combined

Create New VUCC Award Account



# LoTW VUCC Accounts

## Logbook Awards

### Your LoTW ARRL DXCC (DX Century Club) Account(s)

For an overview of LoTW DXCC support, see [Applying for DXCC Credits with Logbook of the World](#).

KX9X - UNITED STATES OF AMERICA ▾

Select DXCC Award Account

### Your LoTW ARRL WAS (Worked All States) Account(s)

Connecticut WAS ▾

Select WAS Award Account

Create New WAS Award Account

### Your LoTW ARRL VUCC (VHF/UHF Century Club) Account(s)

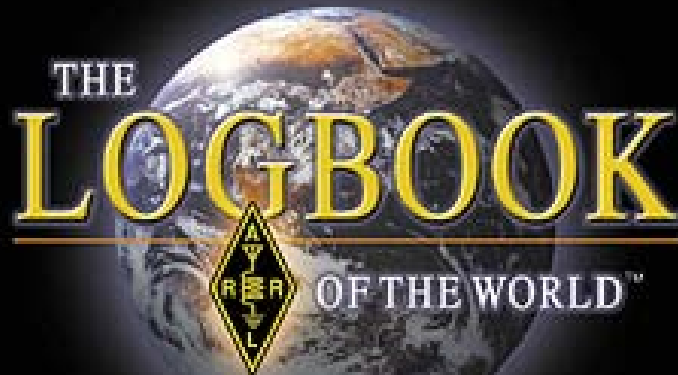
KX9X/1- NH & VT Combined ▾

KX9X - FN31

KX9X-Champaign County

KX9X/1- NH & VT Combined

Create New VUCC Award Account



Thank you for using  
Logbook of The World