

A decorative graphic on the left side of the slide consisting of white and light blue lines and circles, resembling a circuit board or a stylized tree structure, set against a blue gradient background.

# ARRL LOGBOOK OF THE WORLD

MECKLENBURG AMATEUR RADIO SOCIETY, APRIL 2016

# KEEPING A LOG

- Three reasons to keep a log
  - Legal – Invaluable in proving your innocence in an interference complaint
  - Operational – A resource to use when filling out QSL cards that take months to arrive
  - Personal – A “personal radio history”, reminding you of the people and places you’ve talked, nets you’ve participated in, and contests you’ve worked
- Contains Information about your operation and about the station you contact
  - Date, Frequency, Mode, Power, Call, Start/End time, Signal Report, Name, QTH (location)

# TYPES OF LOGS

## HARD COPY / PAPER LOG

No.	Datum	Tijd AT/GMT	Gewerkte en/of aangeroepen stations	Onv. R S (T)	Verz. R S (T)	Type A 1 2 3	Freq.	Schakel	Watt	Ant.	AANTENKENINGEN	OSL
06-04	1433		K4DKY	54	56	SSB	24	975	90	6F	Havell	Q=9/1
06-04	1439		Y51E	53	53	SSB	24	975	90	6F	Juan	Q=9/1
06-04	1458		K4UTB	53	53	SSB	24	975	11	1	Dick	Q=9/1
06-04	1456		WP4BDI	54		SSB	24	975	11	1	Jay	Q=9/1
06-04	1459		PA3CSR	53		SSB	144	252	20	20	De Hout	Q=9/1
06-04	1528		EL2SM	57	55	SSB	24	975	11	1	Bentel	Q=9/1
06-04	1534		K2KIF	53		SSB	24	975	11	1	Al	Q=9/1
06-04	1540		K12FE	57		SSB	24	975	11	1	Bill	Q=9/1
06-04	1545		W7ZJ	52		SSB	24	975	11	1	Ed Wash	Q=9/1
06-04	1552		N9DEO	52		SSB	24	975	11	1	Havell	Q=9/1
06-04	1603		I2RR	52	51	SSB	24	975	11	1	Frank	Q=9/1
06-04	1609		WP4BDI	54		SSB	24	975	11	1	Jay	Q=9/1
06-04	1615		PA3DYF	51		SSB	24	975	11	1	George R42	Q=9/1
06-04	1620		W3EYF	52		SSB	24	975	11	1	Dan MD	Q=9/1
06-04	1638		K4IBV	55		SSB	24	975	11	1	Bill GA	Q=9/1
06-04	1646		K2KIF	52		SSB	24	975	11	1	ART N Jersey	Q=9/1
06-04	1652		W2GHW	52		SSB	24	975	11	1	Stu VA	Q=9/1
06-04	1657		CE2BIC	51		SSB	24	975	11	1	Cl	Q=9/1
06-04	1714		4X1LL	52		SSB	24	975	11	1	Lee	Q=9/1
06-04	1720		ZS1ACV	54	54	SSB	24	975	11	1	Bill Cape Town	Q=9/1
06-04	1816		V01SA	55		SSB	24	975	11	1	Rick	Q=9/1
06-04	1818		P21EL	52		SSB	24	975	11	1	Raven	Q=9/1
06-04	1833		P21EL	52	59	SSB	18	153	11	1	Raven	Q=9/1

## ELECTRONIC / COMPUTER LOG

Century Club Logger Import Utility - Version 2.01

Del Other BML Import Update Load Show Reset

Please enter a default value that will be used if the field is blank:

Frequency: 7.2335 Country: US Antenna: Loop

Band: 40M My Call: KL7OR Pig: IC-706

Mode: SSB Power: 100W

Callign	Mobile	State	Date	Time	Frequency	Band	CallArea	Mode	DXCC	His_RST	My_RST	Name
N000V/M/KS		KS	06/10/2000	03:26	7.238	40M		LSB		59	59	GARY
N000V/M/MO		MO	09/24/2000	02:22	7.2335	40M		LSB		59	59	GARY
N000V/M/MO		MO	09/24/2000	02:22	7.2335	40M		LSB		59	59	GARY
N000V/M/ND		ND	08/19/2000	03:02	7.2335	40M		LSB		55	57	GARY
N000V/M/ND		ND	08/19/2000	03:02	7.2335	40M		LSB		55	57	GARY
N000V/M/SD		SD	12/17/2000	00:32	7.2335	40M		LSB		57	59	GARY
N000V/M/SD		SD	12/17/2000	00:32	7.2335	40M		LSB		57	59	GARY
N0PUI		MN	12/05/2002	03:29						44	59	
N0PUI		MN	01/08/2001	03:23	7.2335	40M		LSB		57	59	JAY
N0PUI		MN	05/21/2003	05:15	7.2335	40M		LSB		22	55	JAY
N0PUI		MN	01/08/2001	03:23	7.2335	40M		LSB		57	59	JAY
N0PUI		MN	05/21/2003	05:15	7.2335	40M		LSB		22	55	JAY
N0PUI/M/MN		MN	04/24/2003	02:59	7.2335	40M		LSB		57	57	JAY L WIELAND
N0PUI/M/MN		MN	04/24/2003	02:59	7.2335	40M		LSB		57	57	JAY L WIELAND
N0PUI/P/IL		IL	07/27/2005	02:59	7.2335	40M		LSB		59	59	JAY L WIELAND
N0PUI/P/IL		IL	07/27/2005	02:59	7.2335	40M		LSB		59	59	JAY L WIELAND
N0PUI/P/MN		MN	08/23/2005	03:11	7.2335	40M		LSB		59	59	JAY L WIELAND
N0PUI/P/MN		MN	08/23/2005	03:11	7.2335	40M		LSB		59	59	JAY L WIELAND

# WHICH ELECTRONIC LOGBOOK?



## EQSL.CC LOGBOOK

Contacts do not count towards ARRL  
Awards, Potential bogus records



## ARRL'S LOTW

Sometimes has slow processing



## QRZ.COM LOGBOOK

May require a subscription for certain  
features

# WHAT IS LOTW?

- Logbook of the World (LoTW) is a repository of log records submitted by users from around the world.
- When both participants of an Amateur Radio Contact (QSO) submit matching QSO records to LoTW, the result is a virtual “contact acknowledgement card”, or QSL, that can be used for ARRL award credit.
- All QSO entries are digitally signed using a digital certificate obtained by the ARRL to minimize the chance of fraudulent submissions.



# MORE ABOUT LOTW

- LoTW uses software called TQSL
  - Free to download and use
  - Works with Windows, OS X, and Linux
- LoTW is free to all Amateur Radio Operators around the world
- ARRL Membership is not required
- Awards still require the appropriate application fees and QSO fees
  - No different than submitting a paper application for an award

# FACTS & STATISTICS

- You do NOT have to be a member of the ARRL to use LoTW
- LoTW will electronically confirm your QSOs if you have an exact match with the call sign / band / mode / date / time (within 30 minutes of each other)
- As of last week, there have been 749,081,494 QSOs uploaded into the system.
- As of last week, there are 85,197 users registered in LoTW

# WHAT ABOUT QSL CARDS?

- LoTW does not replace QSL collecting
- LoTW saves money and time
  - No postage fees
  - No QSL card printing expenses
  - No waiting for QSL cards





# WHAT CAN I DO WITH LOTW

- Apply for awards
  - DXCC (DX Century Club), NPOTA (National Parks on the Air), WAS (Worked all States), VUCC (VHF/UHF Century Club), WPX (CQ Prefix Contest)
- Track DXCC Credits
- View DXCC Matrix
- Track WAS Credits
- Search QSOs and QSLs
- View QSL Details

# WHY DO WE NEED TO USE TQSL?

- LoTW only accepts Trusted Files
- Trusted Files are created by TQSL
- TQSL uses the Call Sign Certificate to electronically sign the Trusted File
- TQSL is the software that “locks” the “box” you are sending your log files in to the LoTW servers, and only the same “key” at LoTW can unlock the “box”

# I CAN ONLY USE ONE COMPUTER?!

- The initial request and import of the certificate needs to be performed on the same computer
- After everything is set up and configured, you can use the TQSL software to Backup and Restore your certificate and station to move it to another computer

# HOW TO SETUP AND USE LOTW

- Install / Configure TQSL
  - <https://lotw.arrl.org/lotw-help/installation/>
- Request a new Callsign Certificate
  - Click “Callsign Certificate”, then “Request New Callsign Certificate...”
- Fill out the requested information
- TQSL will automatically send a .tq5 file to the ARRL, and they’ll reply with a .tq6 file
  - This exchange must be performed on the same computer
- Sit back and wait for a postcard in the mail with your password for the LoTW site