



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	Gezette en/of aangestreepte stations	Onv. R S (TT)	Verz. R S (TT)	Type A 1 2 3	Freq.	Schaal	Imp. Ant.	AANTEKENINGEN	OSL v. a.
06-04	14:33		K4DKY	54	56	SSB	24 975	900	CP Howell	Atlanta Georgia	Qo 10/91
06-04	14:39		YS1E	53	53	SSB	24 975	900	CP Juan	Atlanta Georgia	Qo 10/91
06-04	14:58		W4BDI	53	53	SSB	24 975	111	1 Dick	asL Manager	z.c. Qo 10/91
06-04	14:56		W4BDI	54		SSB	24 975	111	Jay		z.c.
06-04	14:59		PA3CSR	53		SSB	144 252	20	Del/Hol		z.c.
06-04	15:28		EL2SM	57	55	SSB	24 975	111	Bentl	Long Island	Qo 10/91
06-04	15:34		K2KIF	57		SSB	24 975	111	Cl		z.c.
06-04	15:40		K2KIF	53		SSB	24 975	111	Bill		z.c.
06-04	15:45		W7ZJ	52		SSB	24 975	111	Ed Wash	no amplifier	z.c.
06-04	15:52		NS1DEO	52		SSB	24 975	111	Howell	1st European in Sweden was 16 4/5 days no R of Italy been 1 ze best QUAZE gezen op 30° NB	z.c.
06-04	16:03		I2RR	52	51	SSB	24 975	111	Frank	Solaro Zwitser bus QSL	Qo 10/91
06-04	16:09		W4BDI	54		SSB	24 975	111	Jay		z.c.
06-04	16:15		PA3DYF	57		SSB	24 975	111	George R42	BRIELLE laut antennas	Qo 10/91
06-04	16:20		W3EYF	52		SSB	24 975	111	Dan MD	Baltimore	Qo 10/91
06-04	16:30		K4IBY	55		SSB	24 975	111	Bill GA	Atlanta	Qo 10/91
06-04	16:46		K2JLA	52		SSB	24 975	111	ART N Jersey		Qo 10/91
06-04	16:52		W2GHN	52		SSB	24 975	111	Stu VA	Vienna - old domain stati + via CESCE 163 bus	Qo 10/91
06-04	17:07		CE2BIC	51		SSB	24 975	111	Cl	Tel Aviv (wy/in)	Qo 10/91
06-04	17:14		4X1LL	52		SSB	24 975	111	Leop	Cape Town	Qo 10/91
06-04	17:20		ZS1ACV	54	54	SSB	24 975	111	Bill		Qo 10/91
06-04	18:16		VO1SA	55		SSB	24 975	111	Rick	Swiname	z.c.
06-04	18:18		P21EL	52		SSB	24 975	111	Raven		z.c.
06-04	18:33		P21EL	56	59	SSB	18 153	111	Raven	" e FIRST 17m band	Qo 10/91

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 Pflg: 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/MD		MD	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 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