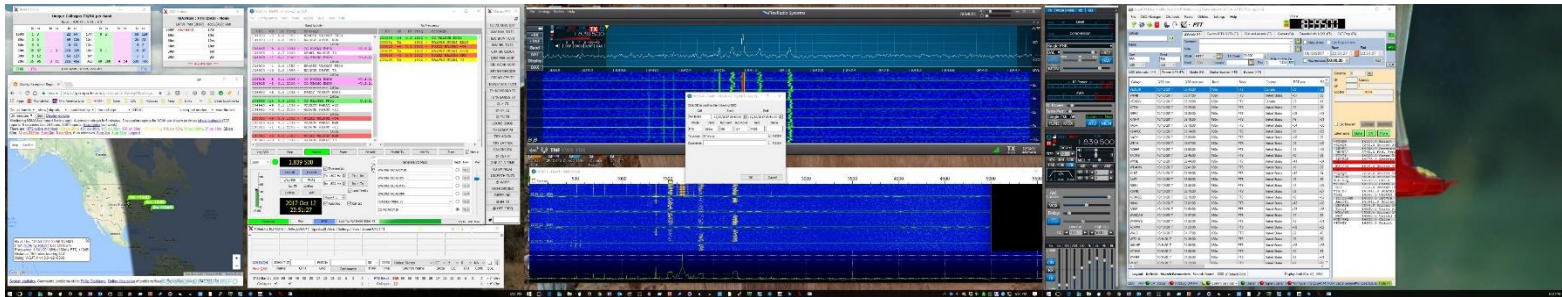


# SouthSide Amateur Radio Club



## QSO and QSL

Logging  
Jay Duthler (N0IAI)  
17.Oct.2017



- Today we are discussing the logging of ham radio contacts, aka the QSO.
- The basics are simple
  - Your implementation, the how can range from the simple to the complex.
- This presentation will focus on the why and how.

**Welcome and Introduction**

- The Basics

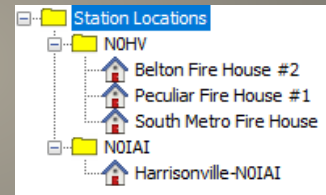
- Vocabulary
- Why would you log?
- How do you log?
  
- Why would you QSL?
- How do you QSL?

- More advanced

- CAT
- Spotting
- Digital mode integration

**Overview**

- The database of record
  - The singular method you use to track your QSO's. Paper, Logging application local or as a service.
- QSL – Matching and Acknowledgement
  - Calls, UTC Time (+-30min), date, band and mode
  - The impact of location
- ADIF ([adif.org](http://adif.org)) Amateur Data Interchange Format



# Vocabulary

- QSO Logging
  - A Diary of sorts, history, preferred name, interests.....

Update QSO



QSO Information Country IOTA SOTA QSL Information Contest Information Satellite Awards Other information QSL Archive

Callsign: K3ZA RST Sent: 599 RST Rcvd: 599  
 Operator name: ANTHONY J D ALONZO

Qso Start:  12/ 3/2016  19:52:20  
 Qso end:  10/10/2017  19:52:20

Band: 20m Power: 30.000  
 Mode: DSTAR Locator: FM29DW  
 Freq TX: 14,236 000 Freq RX: 0 000

Address:   
 QTH:   
 Comments: First DV contact using FreeDV  
 Note:   
 STATION CALLSIGN: NOIAI  
 OPERATOR CALLSIGN: NOIAI

Update QSO






QSO Information Country IOTA SOTA QSL Information Contest Information Satellite Awards Other information QSL Archive

Callsign: KK6CXF RST Sent: 59 RST Rcvd: 59  
 Operator name: (Tom) Thomas W Koepke

Qso Start:  9/30/2016  00:51:16  
 Qso end:  10/10/2017  01:00:24

Band: 20m Power: 30.000  
 Mode: SSB Locator: DM13HW  
 Freq TX: 14,255 000 Freq RX: 0 000

Address:   
 QTH:   
 Comments: Used to live by Richards Gebauer Airport in the 60's F102 and F1  
 Note:   
 STATION CALLSIGN: NOIAI  
 OPERATOR CALLSIGN: NOIAI

Why

- QSO Logging - cont
  - To QSL !
  - Prevent Dupes
  - Increased awareness
    - Operators name – past QSO's or autofill
    - Logging software presents bearing and distance

**Why**

- Paper – still an option
- Desktop software packages – breakout

Vendor	Supported by JTAlert/FLDigi	Cost	Upload	Notes
N1MM	No/???	Free	No Export Manual	Contest focus
Log4OM	Yes/Yes	Free	eQSL LOTW	Contest focus
Ham Radio Deluxe	Partial/ NA	\$\$	Yes	General purpose
N3FJP – AC Log	Yes/Yes	\$	Yes Clublog eQSL LOTW	Simple to use

## Logging How - Local

- Web based logging (SAAS) – breakout

Vendor	Direct entry	Awards	Notes	JTAlert FLDigi support
ClubLog	No	No	Expedition use	
eQSL	Yes	Yes \$\$		FLDigi
QRZ	Yes	Yes Paper (\$)	Good web interface	
LOTW	No	Yes \$\$	The global standard.	FLDigi

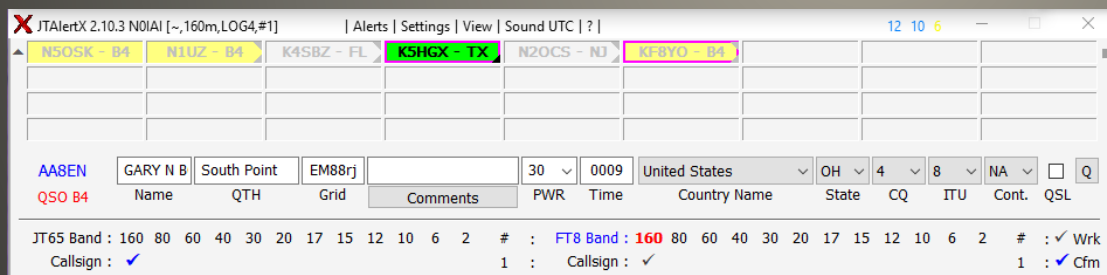


**Logging How – SAAS (Software as a service)**



# • QSL

- Awards, yours and/or theirs
  - Think to the future
- Makes you more attractive to other stations
  - JT Alert displays participation
  - Spotting apps also display and filter on participation.



From: [k0col@q.com](mailto:k0col@q.com)  
[mailto:k0col@q.com]  
Sent: Saturday, October 7, 2017 11:28 AM  
To: [jay@duthler.us](mailto:jay@duthler.us)  
Subject: contact

Hi Jerome I was wondering if you could add our contact to LoWT, all I need is our contact from your state to have all W.A.S. in digital.

Thanks Russ 73

# Why

- QSL
  - Paper Direct
  - Paper Bureau inbound and outbound
  - The usual suspects



**How**

- CAT (Computer aided transceiver) aka a serial port.
- Spotting networks (aka a fish finder)
- Voice Keyer
- PC Clock Sync
- Digital mode integration
  - The PC is already in the middle of the QSO, logging is easy.
  - Because is it easy it is expected that you log and QSL.

## Integration

- The best time to plant a tree is.....
- Protect your data – how
- Trends and modes change - QSL now !!
- Reach out if you need help

**Summary**

- [www.clublog.org](http://www.clublog.org)
- [www.qrz.com](http://www.qrz.com)
- [www.eqsl.cc](http://www.eqsl.cc)
- [lotw.arrl.net](http://lotw.arrl.net)
- [n1mm.hamdocs.com](http://n1mm.hamdocs.com)
- [www.n3fjp.com](http://www.n3fjp.com)
- [www.log4om.com](http://www.log4om.com)
- [www.ham-radio-deluxe.com](http://www.ham-radio-deluxe.com)
- Zero Bureau
  - [www.zeroburo.org](http://www.zeroburo.org)
- JTAlert
  - [www.hamapps.com](http://www.hamapps.com)

**More information**

**Thank You**