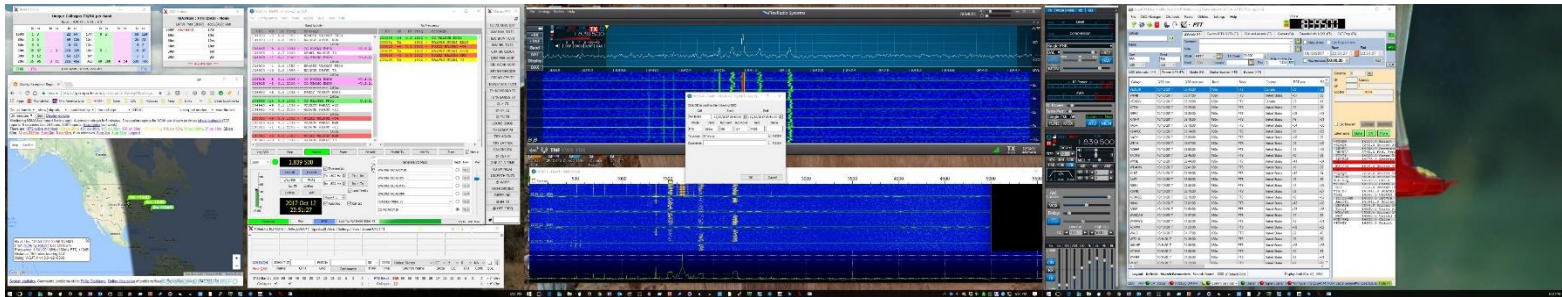# QSO and QSL

Logging
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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
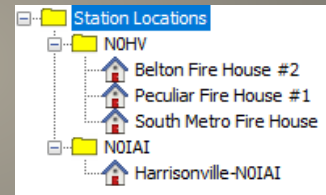
- The Basics
  - Vocabulary
  - Why would you log?
  - How do you log?

  - 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) Amateur Data Interchange Format

Vocabulary

QSO Logging

- A Diary of sorts, history, preferred name, interests……

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

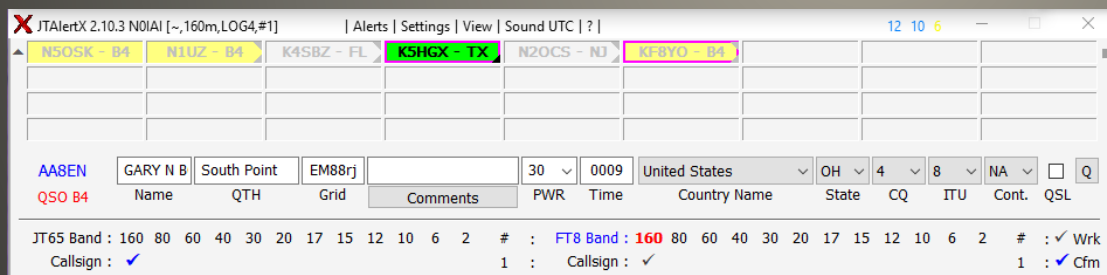| Vendor	Direct entry	Awards	Notes	JTAlert FLDigi support
ClubLog	No	No	Expedition use	
eQSL	Yes	Yes $$		FLDigi
QRZ	Yes	Yes Paper ($)	Good web interface	
LOTW	No	Yes $$	The global standard.	FLDigi

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]
Sent: Saturday, October 7, 2017 11:28 AM
To: 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
- www.qrz.com
- www.eqsl.cc
- lotw.arrl.net

- n1mm.hamdocs.com
- www.n3fjp.com
- www.log4om.com
- www.ham-radio-deluxe.com

- Zero Bureau
  - www.zeroburo.org
- JTAlert
  - www.hamapps.com

More information

Thank You