



Week 1 - Session 2

CW Academy

- Questions on h/w & on the air activities?
- Leftovers
- Contesting Intro + SST
- Drill: Simulated SST
 - Each student gets to run and others call
 - Muley and I might just jump in on this one
 - Set your keyer to 18-20 WPM



Miscellaneous Leftovers

CW Academy

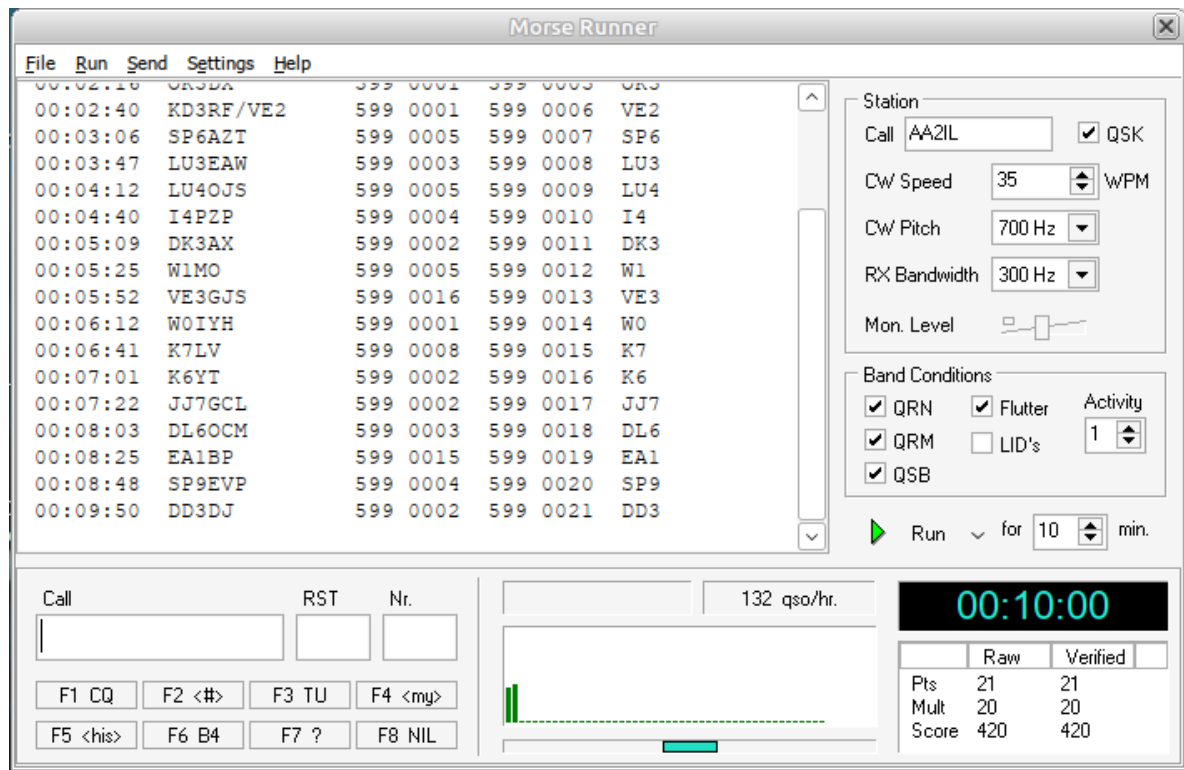
- Read over notes from Monday regarding “Squeeze Sending” and rolling your own keyer
- Jitsi: You can use the SPACE BAR as a PTT
- The January VHF+ Contest is this weekend
 - Exchange is 4-character maidenhead grid square (e.g. DM12)
 - Look for CW activity 50.09 MHz +/- and 144.2 MHz +/-
 - Look for SSB activity around 50.125 MHz, 144.2 MHz and 432.1 MHz, all +/-
 - Look for FM activity around the calling frequencies: 144.52 MHz and 446.0 MHz (Check the rules!)
 - FT8 dominates 6m with sporadic activity on 2m and 70cm
- **Morse Runner CE** incorporates several different contests
 - <https://github.com/w7sst/MorseRunner>
- If you have a Winkeyer, **Iambic Master** and **FLwkey** are programs to help you with your sending:
 - <https://sites.google.com/site/korkowp1/iambic-master>
 - <http://www.w1hkj.com>



Morse Runner

CW Academy

- Morse Runner is a realistic simulation of a contest environment
 - Signal effects
 - Multiple callers
 - Lids, etc.
- Experiment with the various settings to find where you are comfortable
 - Initially, set the **Activity** level to 1 and turn off **LIDs**
- Introduce more effects as you become more proficient





Morse Runner Buttons

- **F1 = CQ** You are the runner, use this to solicit a call
- **F2 = #** Your Exchange (5NN + Serial Number)
- **F3 = TU** Got it, 73, next caller please
- **F4 = My Call** Shouldn't need this too much
- **F5 = His Call** Use this if you only copy part of a call
- **F6 = B4** Duplicate QSO, don't use this, just work him again
- **F7 = ?** Please for a repeat
- **F8 = Nil** Incomplete/invalid QSO, Rarely ever need this
- Others???



Why Radio Sport?

CW Academy

- Major activity in our hobby
- Fun Competition
 - Some say its the most fun you can have with your clothes on
- Become a better operator
 - Difficult conditions
 - Emergency Comms
- Quickly rack up entities for “paper chasing” (WAS, DXCC, DX Challenge ...)
 - Regular Participation in CWTs is easiest path to CWops membership
- Dormant bands suddenly light up
- Test effectiveness of your station
- ...



Some Terminology

CW Academy

- **Runner**

- Station Calling CQ to solicit contacts
- Usually achieve a higher QSO rate, especially if you are a “big gun”
- Need to be able to recognize calls and exchanges without too many repeats

- **Search and Pounce (S&P)**

- Tune across band answering runners
- Often lower rate because you are tuning and competing with other S&Pers
- Much easier than running since you can listen to runner until you get call and info
 - Be careful with serial numbers, not always consecutive
 - If you are “assisted,” Trust but Verify callsign
- Often a better strategy for “little pistols” in larger contests

- Some mix of these is needed to work everybody

- I do a lot of this



SST Weekly Practice Contest

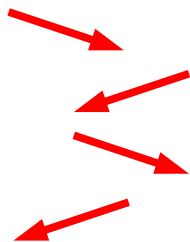
CW Academy

- “Slow” Speed Test
- Friday 2000z and Monday 0000z
- Very Relaxed Pace - Speed limit is 20 wpm
- Exchange: NAME and STATE/PROVINCE

CQ SST AK4R

K7NX TU STEVE TN

GL LLOYD 73EE



K7NX

GE LLOYD AZ

or

GE STEVE LLOYD AZ



- If you miss something: ?, AGN, CALL?, NAME?, QTH?, K7?, NX? ...
- Great place to get used to contesting and to try running



North American QSO Party

CW Academy

- Twice each year for each mode - CW, SSB & RTTY
- Saturday 1800z – Sunday 0600z
- Single Ops only operate for 10 of 12-hours
- 100W Power limit
- Exchange: NAME and STATE/PROVINCE

CQ NA KF0PQR

KS4BG JEFF CO

TU KF0PQR

KS4BG

TU EDGAR TN

or

ED TN

- Note: No “fluff” in exchanges
 - “Serious” guys often use X, R or DIT-DIT instead of TU
 - If you think another caller is waiting, don’t send your callsign after TU/R/EE