# Digital Modes of Amateur Radio

Delta Amateur Radio Club 29 April 2021

## An array of modes!



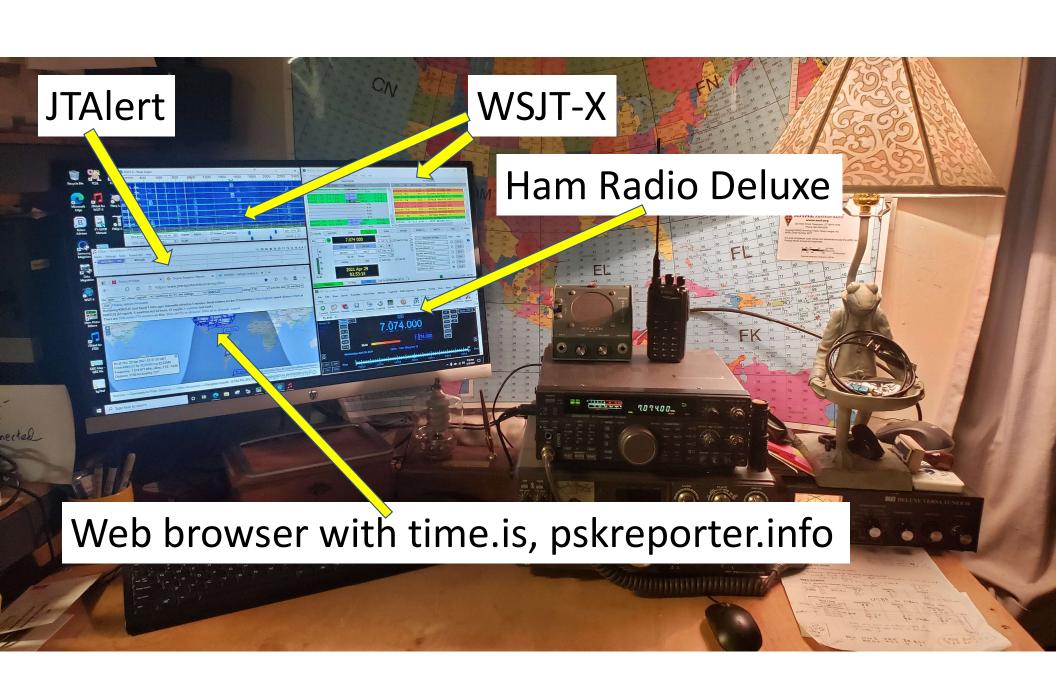
Will send out a Quick List, including programs, from Eric N6SPP

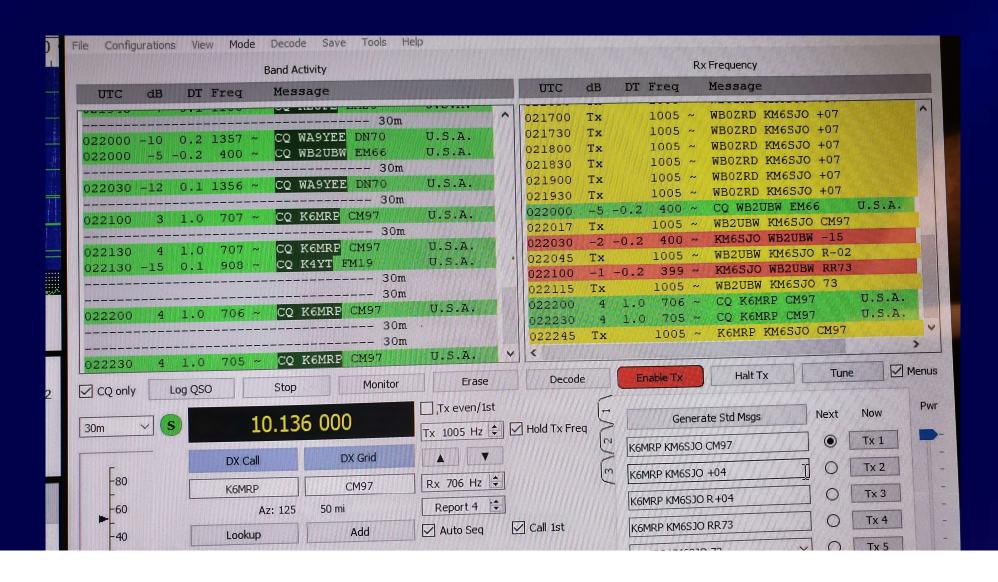
- WSJT (weak signal) includes FT8, FT4, JT65, JT6M, FSK441
- JS8
- RTTY
- WSPR
- Packet Radio (includes. aprs)

#### FT8 & FT4



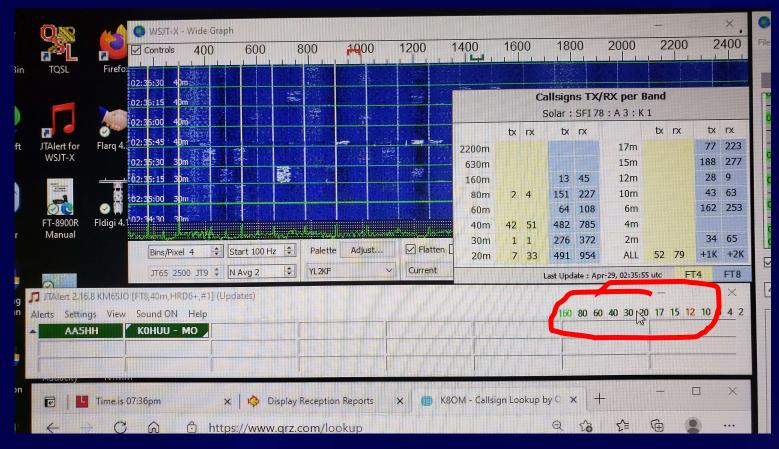
- Requires CAT (rig control)
- Requires a computer sound card interface
- 15 second transmit and receive cycles (7.5 seconds with FT4)
- Very important to have your computer synced with UTC (visit www.time.is)
- Helpful software is WSJT-X and JTAlert
- Setup on computer can be cumbersome, lots of trial & error (or success)

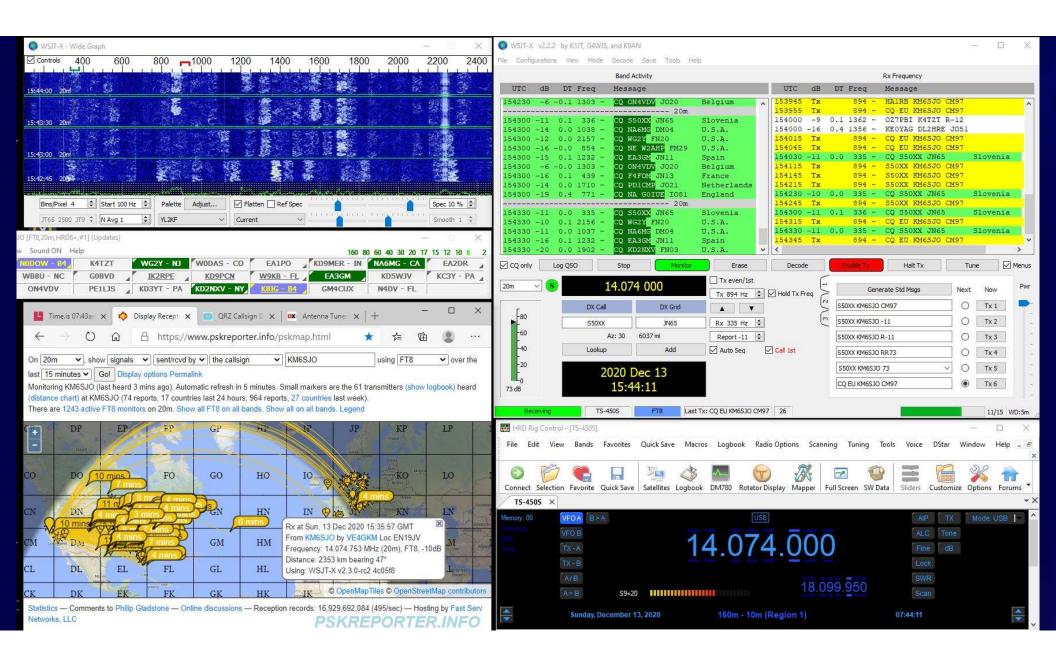




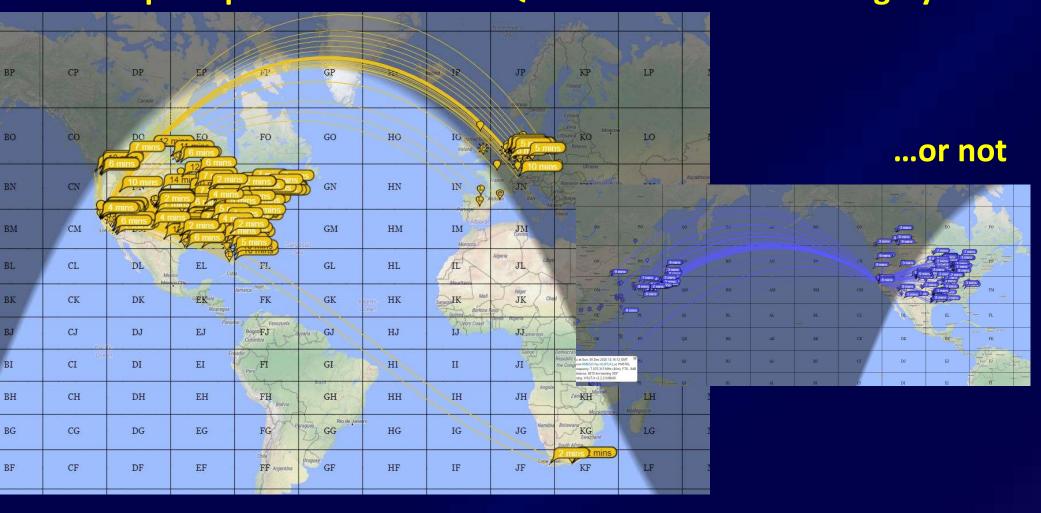
The perks of JTAlert – distinguish between worked "B4" stations, and hovering over the bands tells you where

the activity is.

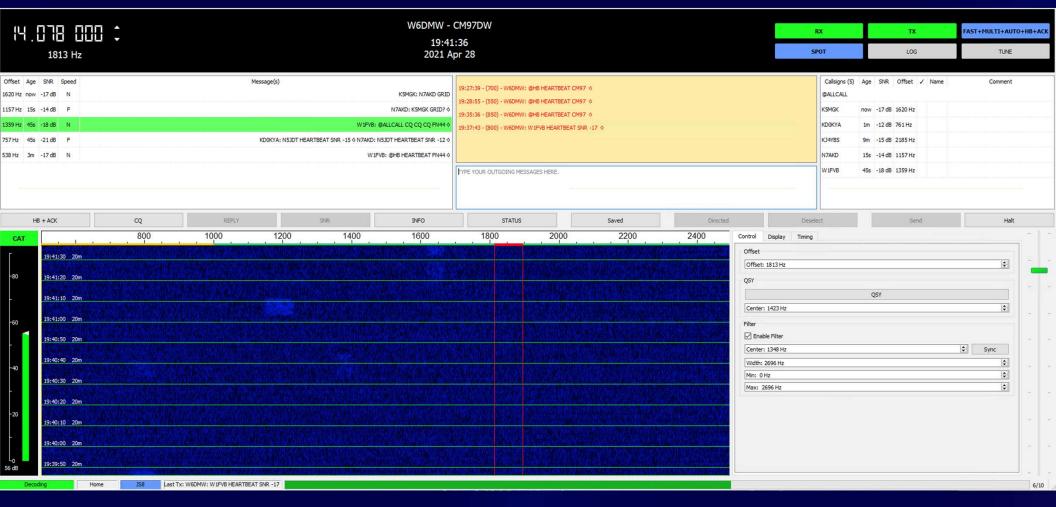


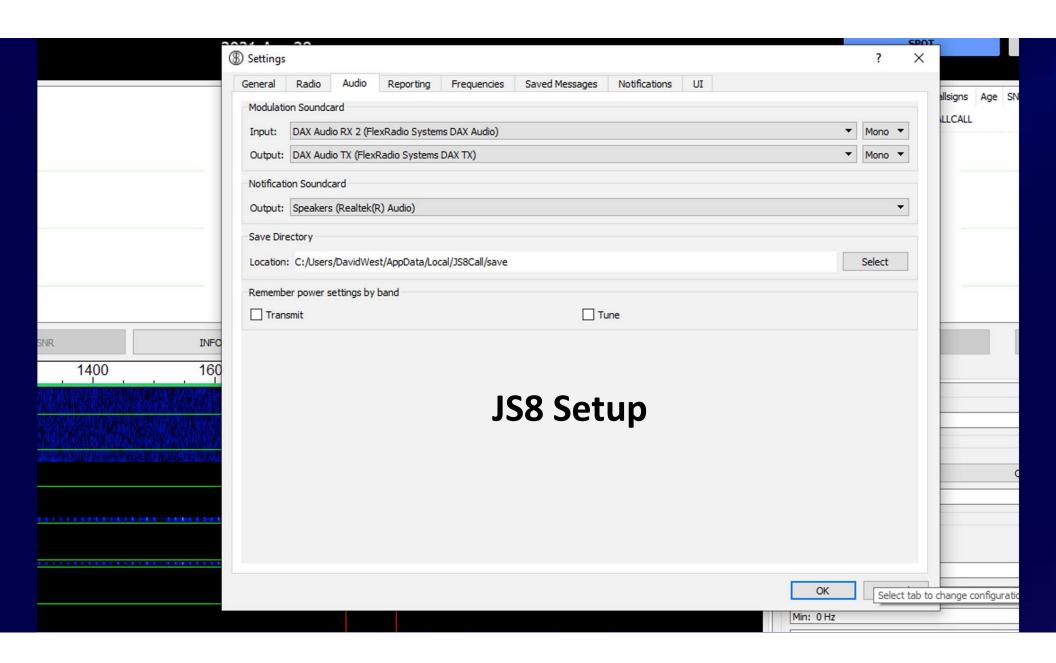


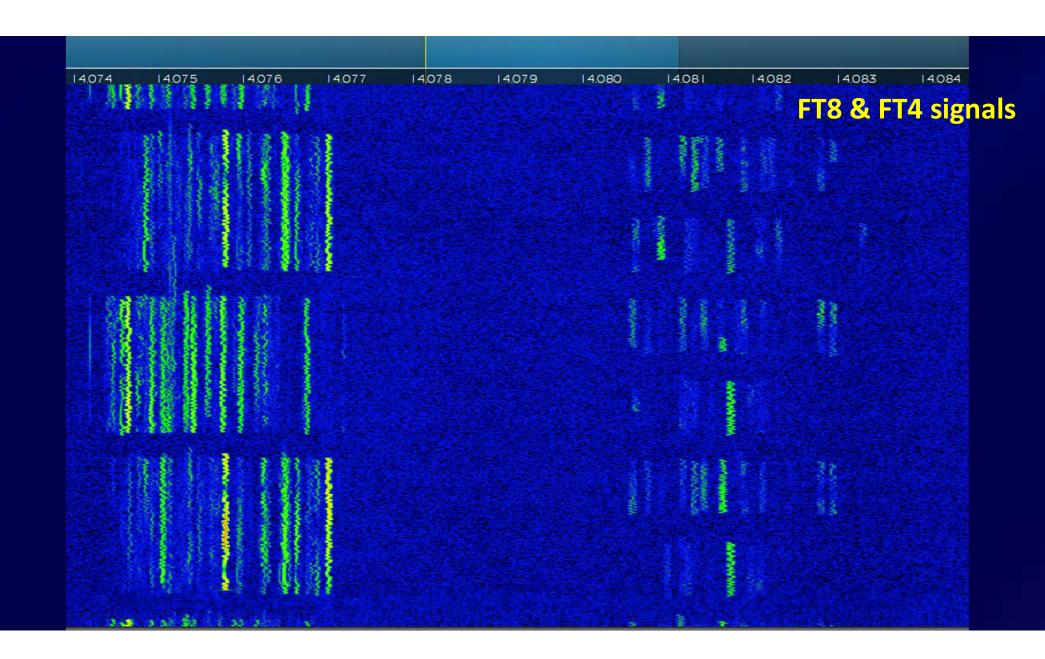
## www.pskreporter.info – some QSO's on bands "ride the gray line"

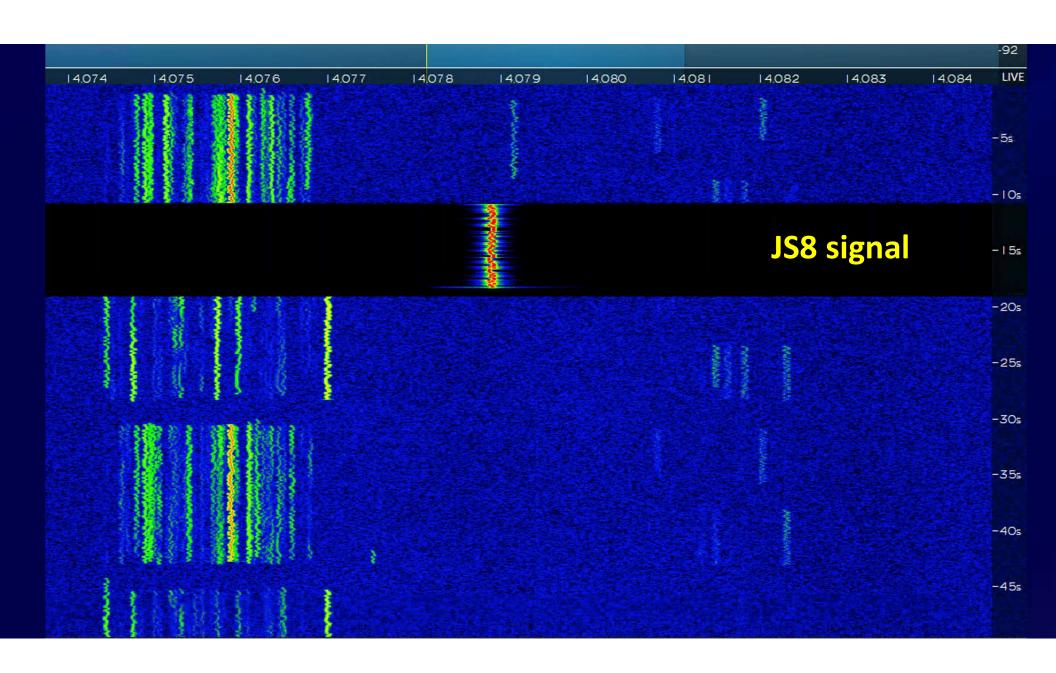


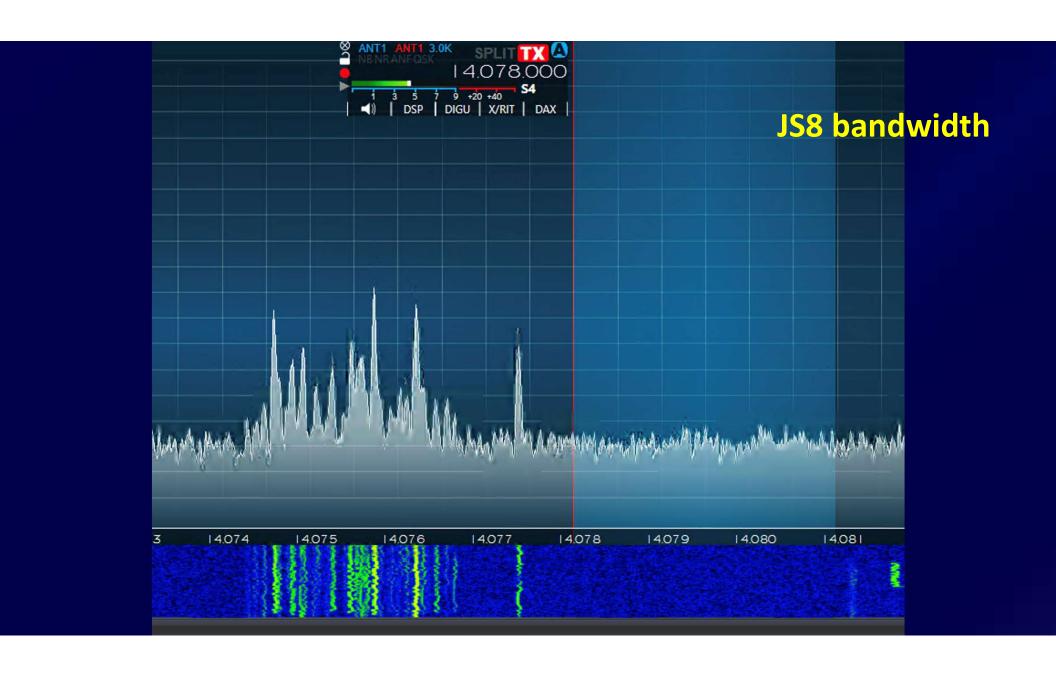
# JS8 – from David, W6DMW



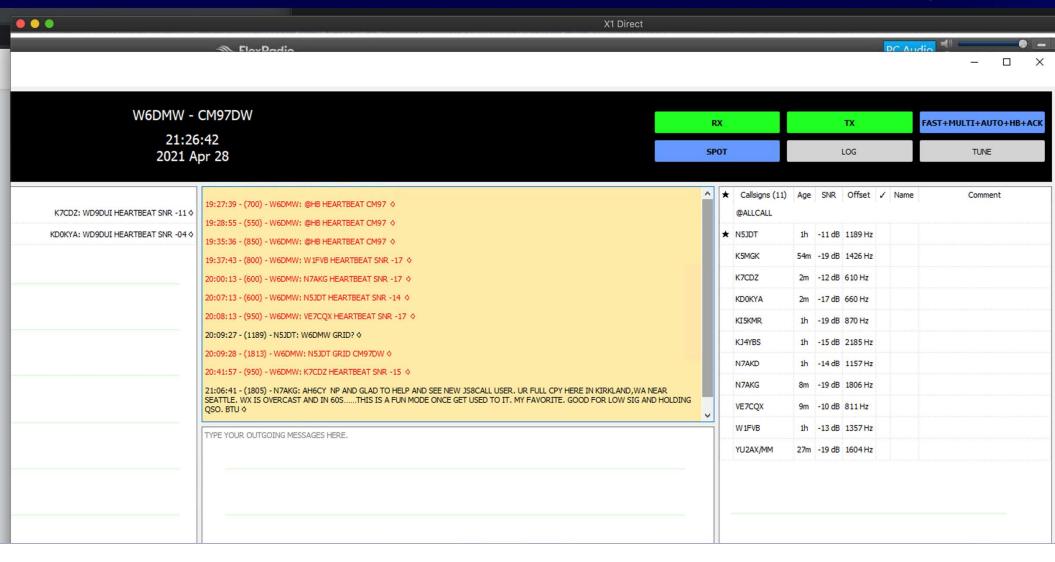








### JS8 message



OK, now to open it up!

Other digital modes? Screen sharing or demos?