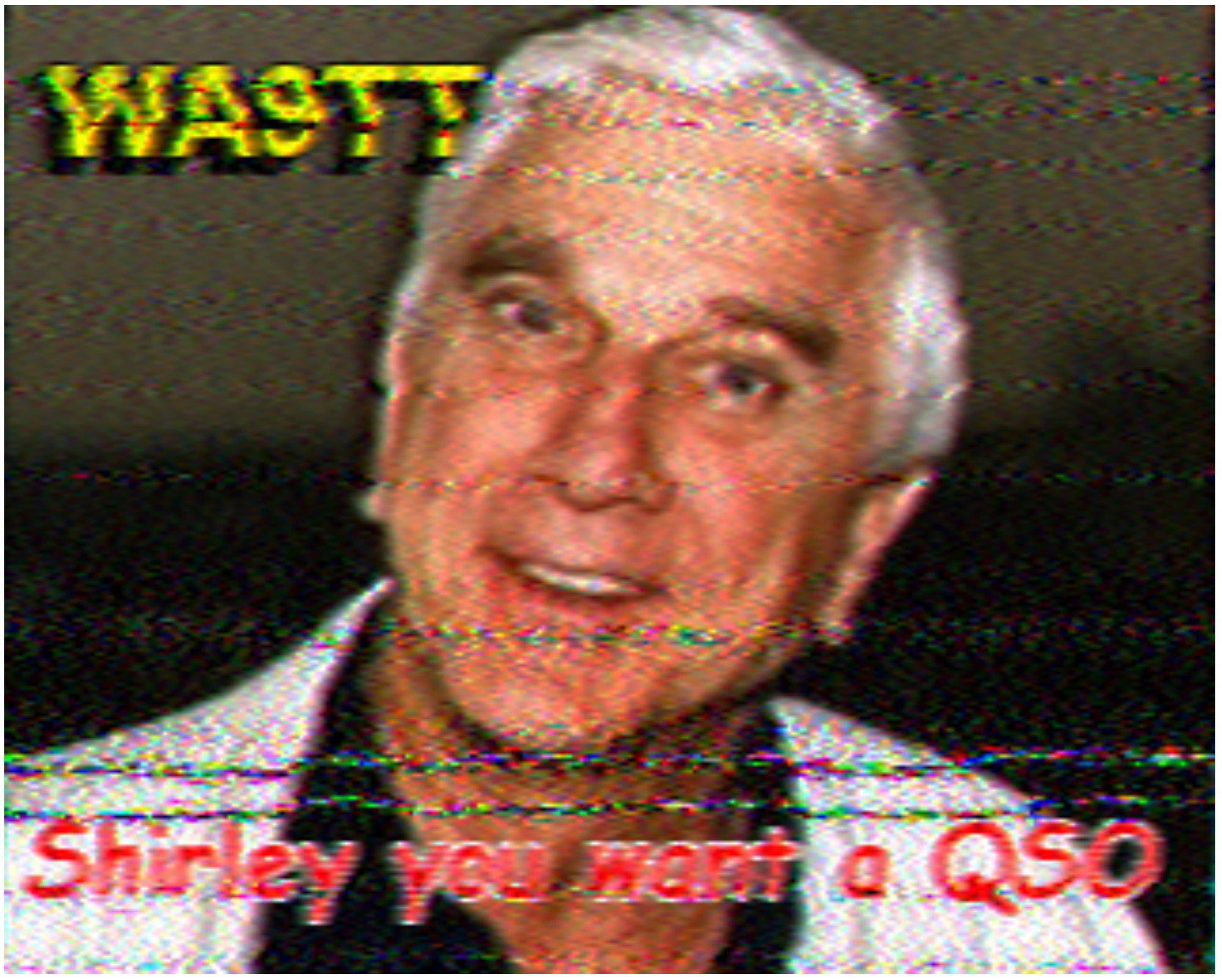
Amateur Radio Digital Modes - SSTV

Slow scan television

- Transmits low-resolution images in b/w or color
- Developed in the 1950’s using vidicon tubes for image capture
- FCC approved for amateur radio operators in 1968
- Multiple different transmission modes and protocols
- Very easy to monitor popular frequencies
- Apps available for desktop and mobile
- Demonstration at the end of the presentation


DM43
CQ SSTV CQ SSTV
de k7vey
SSTV
PROPIGATION TEST
3Ø WATTS
DG3Ø
SSTV
7/28/2Ø21 11:28:4Ø MST
2Øm
de K7VEY


KC9GPJ
CQSSTV
KC9GPJ
SSTV


WASTT
Shirley you want a QSO


NC5O
THANKS FOR THE PICS
73
de WF3F

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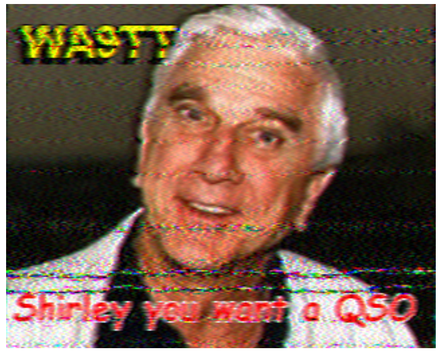

Amateur Radio Digital Modes - MFSK

Multi-Frequency Shift-Keying

- Very useful for long range communication over troposcattering radio paths
- Large number of modes makes it both confusing and easy to get started
- Depending on the mode, communications is very limited or very flexible
- Made popular by Joe Taylor’s (K1JT) popular WSJT-X Software
- WSJT-X makes it easy to get started and collect lots of global QSOs
- WSPR is a great way to test current propagation across different bands