



Making Contacts

Chapter 6.2





Making contact on repeaters

- 1) Make sure your radio is set for an authorized frequency and mode
- 2) Listen for activity

General call:

-"**KO6AAA monitoring**"

Looking for someone:

-"**KO6BBB this is KO6AAA**"

Announce your call sign at least once every 10 minutes

..and when signing off

-"**KO6AAA clear**" (or QRT)



Making contact on repeaters

Most repeaters courtesy beep when you release PTT

- no need to say “over”

Keep each transmission short

- most repeaters have a timeout (2-4 minutes)

Common problems:

- Transmitting on output frequency
- Wrong CTCSS/PL
- Speaking too loud or directly into the mic
- Speaking too low or too far from the mic
- Bad location
- Low battery
- Quick-keying



Making contact on simplex

“Reverse” button – swaps to listen on input frequency

- 1) Check your settings
- 2) Listen for activity
- 3) Ask: -**“Is this frequency in use”**”

Call a friend:

-**“KO6BBB this is KO6AAA”**”

Call for anyone:

-**“CQ CQ CQ, this is KO6AAA calling CQ and standing by”**”

Respond to someone calling CQ:

- **“KO6AAA this is Kilo Oscar Six Bravo Bravo Bravo”**”





Q-signals

Shorthand from telegraphy

Made for Morse, but also used over phone

Works both as command and question

- "QSL?"

- "QSL."

- "Shall we QSY?"

- "Yes. QSY to 146.56."

- "What is your QTH?"

- "My QTH is in Auburn."

code	meaning
QRT	Stop Sending
QRM	Interference
QRN	Noise
QTH	Location
QSO	Communicating direct
QSL	Acknowledge
QSY	Change frequency



Radio sport

Contesting

- Make as many contacts as possible in a certain time.
- Points for states, regions, grid squares
- Special “exchange” – keep it quick

POTA / SOTA

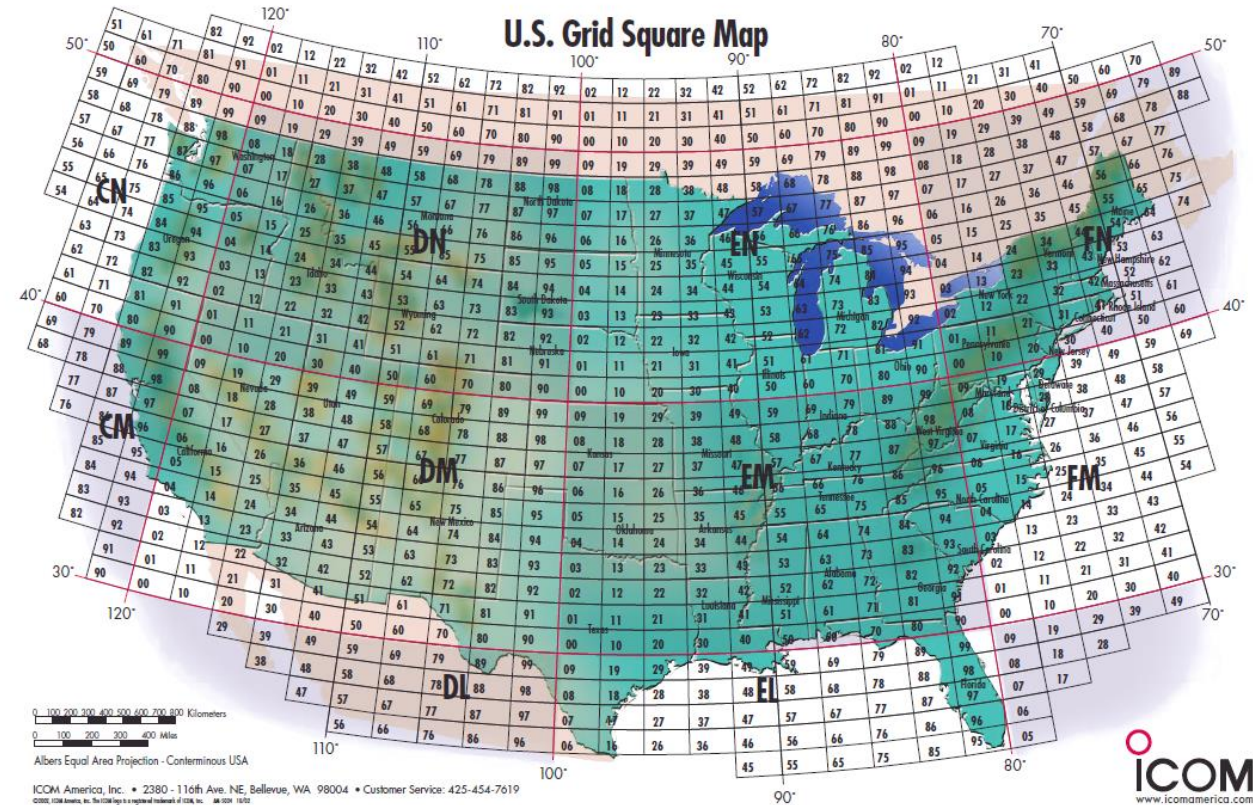
- Parks and Summits
- Activator or Hunter

Awards

- Collect badges, diplomas

Fox hunting

- Find a hidden transmitter





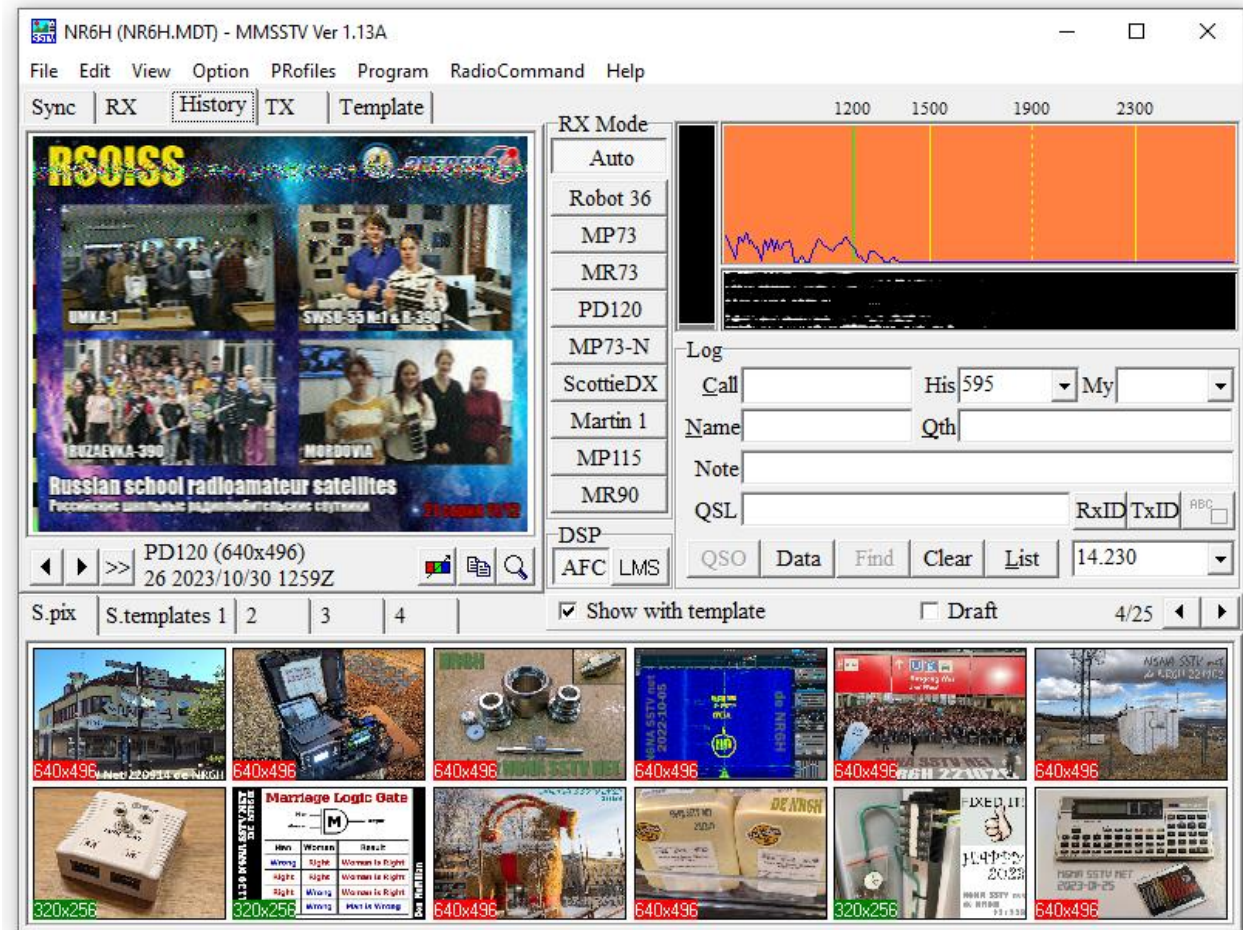
Pictures and Video

Slow Scan TV

- SSTV, still images
- Receive with a regular radio
- MMSSTV or phone app

Fast Scan TV

- NTSC, same as old analog TV
- More bandwidth





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