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MSK144

Meteorscatter MSK144 (WSJT)

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Standard MSK144 message frames are 72 ms long, compared with about 120 ms for an equivalent FSK441 message. The MSK144 waveform allows coherent demodulation, allowing up to 3 dB better sensitivity. After QSO partners have exchanged callsigns, MSK144 can use even shorter messages with frames only 20 ms long. As in all the fast modes in WSJT-X, the 72 ms (or 20 ms) messages are repeated without gaps for the duration of a transmission cycle. For most purposes we recommend a T/R cycle duration of 15 s, but 5 s and 10 s sequences are also supported.

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