

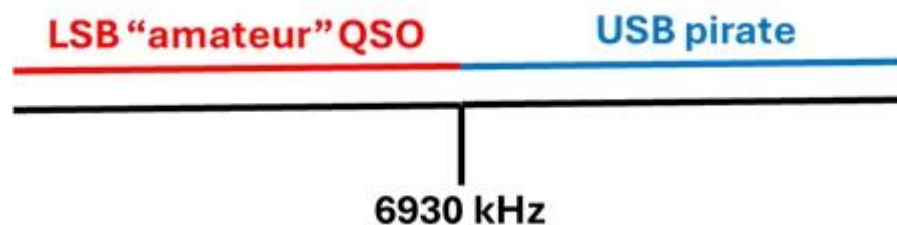
# Bob's Radio Corner: Shortwave Multiplex?

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Reported by Bob Colegrove

Incurable DXers are always looking for new challenges. So it was, I recently did some scanning between 42 and 45 meters (~6600 to 7000 kHz). Trenton Military on 6754 kHz and the MARS net on 6913 kHz are regulars here, as are a selection of pirates above 6900 kHz. However, I have never experienced anything like this. It took me a while to sort things out. A pirate on 6930 kHz was quickly detected on the upper sideband, but there was some garble slightly lower. It turned out to be a few folks having a QSO in Spanish on the lower sideband of 6930 kHz.



Two transmissions both squatting on the same frequency. The irony was, *sans* carriers, there was absolutely no mutual interference. Each signal was clearly received by alternately pressing the USB and LSB buttons. Likely the QSO folks were somewhat out of band for 40 meters, and it goes without saying that the pirate shouldn't have been there. Nevertheless, I would call that efficient use of the spectrum.

Date: October 11, 2025

Time: 0030 until 0100 UTC

Receiver: Tecsun PL-880

Antenna: [Bob's Updated Passive, Resonant, Transformer-Coupled Loop Antenna for Shortway](#)