MFSK32 images received from VOA Radiogram,
program 179, 3-4 September 2016

All via the Edward R. Murrow transmitting station in North Carolina

Saturday, 0930-1000 UTC, 5745 kHz

After the 0930 UTC broadcast, listeners sent reports with very slanted images. Something was obviously wrong at the transmitting end.

  I sent VOA Radiogram listeners an email specifying that a Rx sound card correction of -2220 ppm, or a speed correction of -0.222% on the recording, would straighten the images. With this modification, images received with reports the rest of the weekend were straight.

  What was the cause of the slanted images? Each Thursday, I upload a wav file of the program to the North Carolina transmitting station. They convert it to a CD and transfer it from their CD player to the transmitter.

  For this broadcast, the CD was burned on a Mac computer not usually used for the purpose. I suspect the CD burning software on the Mac had a sample rate that was slightly out of adjustment.

Venezuela, Kim

New York, Paul

Virginia, Chuck

Ontario, Peter

Texas, Jeff

Washington, Mike

New Zealand, Lorne*

Ontario, Jonathan*

Georgia, Steve*

* Decoded from recording with -0.222% speed correction

After the Fldigi sound card adjustment, decoded images received from VOA Radiogram listeners were mostly unslanted …

Saturday, 1600-1630 UTC, 17580 kHz

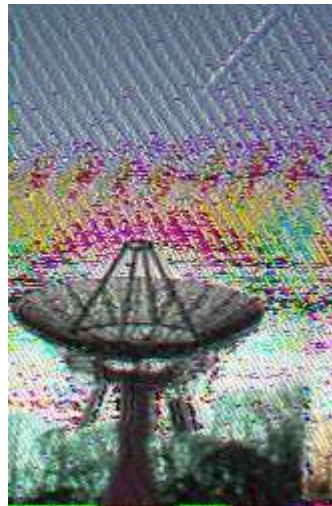| Italy, Emiliano	Denmark, Willy	Germany, Roger	Norway, Finn
Norway, Tormod	Belgium, Paul	England, Mark (audio)	Scotland, Iain
Spain, Ricardo	Texas, Jeff	Texas, John	California, Bob

Saturday, 1600-1630 UTC, 17580 kHz (continued)

California, Edouard	Washington, Mike		

Sunday, 0230-0300 UTC, 5745 kHz

Greece, Merkouris	Italy, Kim	Connecticut, Don	New Jersey, Mike
New York, Paul	Ontario, Jonathan	Georgia, Steve	Florida, Al

Sunday, 0230-0300 UTC, 5745 kHz (continued)			
Colorado, Tim ([video](#))	Oregon, Gary	Oregon, Mike	

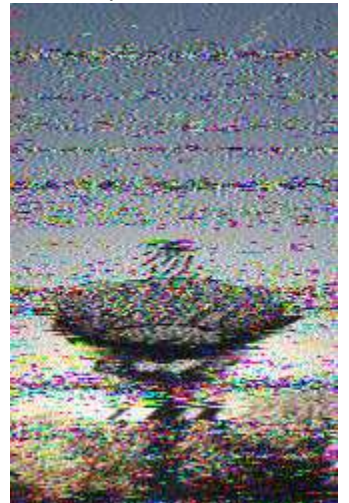| **Sunday, 1930-2000 UTC, 15670 kHz**			
Greece, Merkouris	Italy, Emiliano	Italy, Oscar	Germany, Frank
Germany, Wolfgang	Netherlands, Kim	England, Chris	England, Mark

Sunday, 1930-2000 UTC, 15670 kHz (continued)

Connecticut, Don	Colombia, Gabriel	Florida, Al	Georgia, Steve

Texas, Jeff	California, Bob	Oregon, Mike	

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Olivia 64-2000 ASCII art decoded by Jeff in Texas, Sunday 0230 UTC, 5745 kHz

Equipment used by Paul in Belgium to receive and decode VOA Radiogram, including Tecsun PL-310 receiver, Motorola Android phone, clock, and digital recorder to correct the image slant later using Audacity. This was Saturday, 1600 UTC, 17580 kHz.