

# OARS NBEMS Band Plans

## 28 Mhz Band Plan

For EMC Message Transfer Operations

<b>PSK/MFSK/MT63</b>	<b>SSB</b>	<b>Alt.</b>	<b>FM/SSTV</b>
<b>PSK-31 Beacons</b>	<b>Voice/SSTV</b>	<b>SSB/SSTV</b>	
28.130	28.303 Calling	28.600 Calling	29.200
28.133	28.306	28.603	29.220
28.136	28.309	28.606	29.240
28.139	28.312	28.609	29.260
28.142	28.315	28.612	29.280
28.145	28.318	28.615	
28.148	28.321	28.618	
28.151	28.324	28.621	
28.154			
28.157			
28.160			
28.163			
28.166			
28.169			
28.172			
28.175			
28.178			
28.181			
28.184			
28.187			

Note:

- To avoid AGC pumping with two transmitters at same location, use different bands.
- To avoid AGC pumping from local stations within 5 miles, use channels far removed from each other and/or use narrow IF filter when doing weak signal work at high power.
- If band is busy, use alternate Frequencies above 28.6Mhz.

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## 50 Mhz EMC Frequencies

All Mode 3Khz Channels	AM 6 Khz	FM all Mode	Packet/FM digi
50.303PSK-31 bcns	50.400	50.500	50.600

50.306	50.406	50.520	50.620 packet calling
50.309	50.412	50.540	50.640
50.312	50.418	50.560	50.660
50.315	50.424	50.580	50.680 SSTV
50.318	50.430		50.700
50.321	50.436		50.720
50.324	50.442		50.740
50.327	50.447		50.760
50.330			50.780
50.333			
50.336			
50.339			
50.342			
50.345			
50.348			
50.351			
50.354			
50.357			
50.360			
50.363			
50.366			
50.369			
50.372			
50.375			
50.378			
50.381			
50.384			
50.387			
50.390			
50.393			
50.396			

Note:

- Stations on 50 Mhz may not be compatible with 144 Mhz. So plan on using all modes and stay on 50 Mhz band for a given location. Use the dual VFOs. If 144 Mhz traffic, stop tx on 50 Mhz.
- All-mode 3 Khz channels use for: SSB voice, SSTV, digi modes up to MT63-2000. Get assigned to a channel to pass traffic and stay there for all above modes.
- AM channels are for information purposes. Someone may be using them during band openings.
- FM all-mode channels you may negotiate with voice, and with full-quieting signal, pass text traffic with fast PSK-250 or SSTV image. Use plenty of power/ or are close in.

- FM Packet/digi channels are for packet or FM PSK text...no voice.

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## **Band Plan for Digital Modes on 144 Mhz**

145.500

145.510

145.525

145.565

145.580

145.550 Space Shuttle, ISS

These are for "misc and experimental modes" so you may mix voice and digital.