

KEY:
propagation beacons
radio remote control
radio remote control, surface-to-air
Repeaters, standard 20 kHz spacing
Digital/Packet
uncoordinated activity

NESMC 6m BANDPLAN

12/12/2004

50		51		52		53		
50.000 CW Only*	50.500 all modes	51.000	51.500	rptr in	rptr in	rptr out	rptr out	
50.060 CW Beacons		Pacific DX Window	51.520 51.540 FM Simplex 51.560 51.580	52.010 52.030 52.050 52.070 52.090		53.010 53.030 53.050 53.070 53.090		
50.080			51.600			53.100	53.600	
50.100 DX Window 50.125**		50.600 50.620* non-voice	51.100 51.120 51.140 51.160 51.180	51.600 51.620 51.640 51.660 51.680	52.110 52.120 52.130 52.140	52.610 52.630 52.650 52.670	53.110 53.130 53.150 53.170	53.610 53.630 53.650 53.670
CW/SSB		51.200 51.220 51.240 51.260 51.280 51.300 51.320	51.700 51.720 51.740 51.760 51.780 51.800 51.820	52.150 52.160 52.170 52.180 52.190 52.200 52.210	52.690 52.710 52.730 52.750 52.770 52.790	53.190 53.200 53.210 53.230 53.250 53.270 53.290	53.690 53.700 53.710 53.730 53.750 53.770 53.790	
	50.300	50.800 50.820 50.840 50.860 50.880 50.900 50.920 50.940 50.960 50.980	51.340 51.360 51.380 51.400 51.420 51.440 51.460 51.480*	51.840 51.860 51.880 51.900 51.920 51.940 51.960 51.980*	52.310 52.330 52.350 52.370 52.390 52.410 52.430 52.450 52.470	52.810 52.830 52.850 52.870 52.890 52.910 52.930 52.950 52.970 52.990	53.310 53.330 53.350 53.370 53.390 53.400 53.410 53.430 53.450 53.470	53.810 53.830 53.850 53.870 53.890 53.910 53.930 53.950 53.970
	all modes		rptr in	rptr out			53.300	53.800
							53.310	53.810
							53.330	53.830
							53.350	53.850
							53.370	53.870

*Test Pair

* 50.0-50.1 is restricted to CW emission only by FCC Part 97
 ** SSB Calling * Digital/Packet Calling

FM Simplex
52.490
52.510
52.525*
52.540

* FM Calling

FM Simplex
53.490
53.500
53.510
53.530

NESMC 2m BANDPLAN

9/24/2022

	144		packet	145		146			147			
	rptr in	rptr in[d]		rptr out input -600	packet, fm splx	rptr in	rptr out[d] input -1.5M	fm splx	rptr out input -600	rptr out input +600	fm splx	rptr in
144.000	144.510	144.900	145.010	145.110	145.510	146.010	146.400		146.610	147.000	147.405	147.600
CW Only[a]	144.520	144.910		145.120		146.025	146.410		146.625	147.015	147.420	147.615
144.100	144.530	144.920	145.030	145.130	145.530	146.040	146.420		146.640	147.030		147.630
Weak Signal	144.540	144.930		145.140		146.055	146.430		146.655	147.045	147.435	147.645
	144.550	144.940	145.050	145.150	145.550	146.070	146.440		146.670	147.060	147.450	147.660
	144.560	144.950		145.160		146.085	146.450		146.685	147.075		147.675
	144.570	144.960	145.070	145.170	145.570	146.100	146.460		146.700	147.090	147.465	147.690
	144.580	144.970		145.180		146.115	146.470		146.715	147.105	147.480	147.705
144.275	144.590	144.980	145.090	145.190	145.590	146.130	146.480		146.730	147.120	147.495	147.720
144.300	144.600	144.990		145.200		146.145	146.490		146.745	147.135		147.735
144.300	144.610	145.000		145.210	145.610	146.160	146.500		146.760	147.150	147.510	147.750
SATELLITE	144.620			145.220		146.175		146.520[c]	146.775	147.165		147.765
	144.630			145.230	145.630	146.190			146.790	147.180	147.525	147.780
	144.640			145.240		146.205		146.535	146.805	147.195		147.795
	144.650			145.250	145.650	146.220			146.820	147.210	147.540	147.810
	144.660			145.260		146.235		146.550	146.835	147.225		147.825
	144.670			145.270	145.670	146.250			146.850	147.240	147.555	147.840
	144.680			145.280		146.265		146.565	146.865	147.255		147.855
	144.690			145.290	145.690	146.280			146.880	147.270	147.570	147.870
	144.700			145.300		146.295		146.580	146.895	147.285		147.885
	144.710			145.310	145.710	146.310			146.910	147.300	147.585	147.900
	144.720			145.320		146.325		146.595	146.925	147.315		147.915
	144.730			145.330	145.730	146.340			146.940	147.330		147.930
	144.740			145.340		146.355			146.955	147.345		147.945
	144.750			145.350	145.750	146.370			146.970	147.360		147.960
	144.760			145.360		146.385			146.985	147.375		147.975
	144.770			145.370	145.770					147.390		147.990
144.780			145.380									
144.390[b]	144.790		145.390	145.790								
SATELLITE	144.800			145.400	145.800							
	144.810			145.410								
	144.820			145.420								
	144.830			145.430								
	144.830			145.430								
	144.850			145.450	SATELLITE							
	144.850			145.450								
	144.870			145.470								
144.870			145.470									
144.890			145.490									
144.500					146.000							

KEY:

- PB = propagation beacons (uncoordinated)
- Repeaters, maximum bandwidth 20K0, 600 KHz offset
- Repeaters, maximum bandwidth 9K00 [e], 600 KHz offset
- Minimum 50 mile separation to adjacent channel stations, unless adjacents are 9K00 bandwidth or less.
- FM Simplex and Digital (Mixed Use, uncoordinated)
- Packet (uncoordinated)
- other uncoordinated activity
- [a] 144.0-144.1 is restricted to CW emission only by FCC Part 97
- [b] National APRS frequency
- [c] National FM Simplex Calling Frequency
- [d] The -1.5 MHz split segment will only be used when no other pairs are available

KEY:
FCC restricted digital
digital/packet
mixed use: links/digital/packet
Repeaters, 20 KHz spacing, -1.6 Mhz offset
uncoordinated activity

NESMC 222 BANDPLAN

12/12/2004

		repeater inputs		repeater outputs		
219.000	222.000	222.160	222.780	223.400	223.760	224.380
		222.180	222.800	223.420	223.780	224.400
Data Backbones*	Weak Signal	222.200	222.820	...	223.800	224.420
		222.220	222.840	FM Simplex	223.820	224.440
		222.240	222.860	...	223.840	224.460
		222.260	222.880	223.500	223.860	224.480
		222.280	222.900	223.520	223.880	224.500
		222.300	222.920	223.540	223.900	224.520
		222.320	222.940	223.560	223.920	224.540
		222.340	222.960	223.580	223.940	224.560
		222.360	222.980	223.600	223.960	224.580
		222.380	223.000	223.620	223.980	224.600
	222.400	223.020	223.640	224.000	224.620	
	222.420	223.040	223.660	224.020	224.640	
	222.440	223.060	223.680	224.040	224.660	
	222.460	223.080	223.700	224.060	224.680	
	222.480	223.100	223.720	224.080	224.700	
	222.500	223.120	223.740	224.100	224.720	
	222.520	223.140		224.120	224.740	
	222.540**	223.160		224.140**	224.760	
	222.560	223.180		224.160	224.780	
	222.580	223.200		224.180	224.800	
	222.600	223.220		224.200	224.820	
	222.620	223.240		224.220	224.840	
	222.640	223.260		224.240	224.860	
	222.660	223.280		224.260	224.880	
	222.680	223.300		224.280	224.900	
	222.700	223.320		224.300	224.920	
	222.720	223.340		224.320	224.940	
	222.740	223.360		224.340	224.960	
	222.760	223.380		224.360	224.980	

*Operation in this band is restricted by the FCC to forwarding stations in point-to-point fixed digital message forwarding systems. Operation is secondary to the Automated Marine Telecommunications Systems service. You must meet a number of conditions before you begin transmitting, see Part 97.303.

** Itinerant/Test Pair

NESMC 440 BANDPLAN

6/9/2013

420 - 432	432	433	434	435-437	438	439	440	441	inputs 442	outputs 443	444	445	446	inputs 447	outputs 448	449		
ATV #1 (input)	EME & Weak Signal	434.000	434.000	Satellite Subband	High Speed Digital	439.000	440.000	441.000	442.000	443.000	444.000	FM Simplex	446.000*	447.000	448.000	449.000		
		433.025	434.025			439.025	440.025	441.025	442.025	443.025	444.025	445.025	447.025	448.025	449.025			
		433.050	434.050			439.050	440.050	441.050	442.050	443.050	444.050	445.050	FM Simplex	447.050	448.050	449.050		
		433.075	434.075			439.075	440.075	441.075	442.075	443.075	444.075	445.075		447.075	448.075	449.075		
		433.100	434.100			439.100	440.100	441.100	442.100	443.100	444.100	445.100		447.100	448.100	449.100		
		433.125	434.125			439.125	440.125	441.125	442.125	443.125	444.125	445.125		447.125	448.125	449.125		
		433.150	434.150			439.150	440.150	...	442.150	443.150	444.150	445.150		447.150	448.150	449.150		
		433.175	434.175			439.175	440.175	441.250	442.175	443.175	444.175	445.175		447.175	448.175	449.175		
		433.200	434.200			439.200	440.200	441.2625	442.200	443.200	444.200	445.200		446.250	447.200	448.200	449.200	
		433.225	434.225			439.225	440.225	441.2750	442.225	443.225	444.225	445.225		446.2750	447.225	448.225	449.225	
	433.250	434.250	439.250			440.250	441.300	442.250	443.250	444.250	445.250	446.300		447.250	448.250	449.250		
	433.275	434.275	439.275			440.275	441.325	442.275	443.275	444.275	445.275	446.325		447.275	448.275	449.275		
	Beacons	432.303	433.300			434.300	438.300	439.300	440.300	441.350	442.300	443.300	444.300	445.300	446.350	447.300	448.300	449.300
		433.325	434.325			438.325	439.325	440.325	441.375	442.325	443.325	444.325	445.325	446.375	447.325	448.325	449.325	
		433.350	434.350			438.350	439.350	440.350	441.400	442.350	443.350	444.350	445.350	446.400	447.350	448.350	449.350	
		433.375	434.375			438.375	439.375	440.375	441.400	442.375	443.375	444.375	445.375	446.4250	447.375	448.375	449.375	
		433.400	434.400			438.400	439.400	440.400	441.4375	442.400	443.400	444.400	445.400	446.4375	447.400	448.400	449.400	
		433.425	434.425			438.425	439.425	440.425	441.4500	442.425	443.425	444.425	445.425	446.4500	447.425	448.425	449.425	
		433.450	434.450			438.450	439.450	440.450	441.4625	442.450	443.450	444.450	445.450	446.4625	447.450	448.450	449.450	
		433.475	434.475			438.475	439.475	440.475	441.4750	442.475	443.475	444.475	445.475	446.4750	447.475	448.475	449.475	
433.500		434.500	438.500	439.500	440.500	441.500	442.500	443.500	444.500	445.500	446.500	447.500	448.500	449.500				
ATV #2 (output)		EME & Weak Signal	433.525	434.525	438.525	439.525	440.525	441.525	442.525	443.525	444.525	445.525	446.525	447.525	448.525	449.525		
	433.550		434.550	438.550	439.550	440.550	441.550	442.550	443.550	444.550	445.550	446.550	447.550	448.550	449.550			
	433.575		434.575	438.575	439.575	440.575	441.575	442.575	443.575	444.575	445.575	446.575	447.575	448.575	449.575			
	433.600		434.600	438.600	439.600	440.600	441.600	442.600	443.600	444.600	445.600	446.600	447.600	448.600	449.600			
	433.625		434.625	438.625	439.625	440.625	441.625	442.625	443.625	444.625	445.625	446.625	447.625	448.625	449.625			
	433.650		434.650	438.650	439.650	440.650	441.650	442.650	443.650	444.650	445.650	446.650	447.650	448.650	449.650			
	433.675		434.675	438.675	439.675	440.675	441.675	442.675	443.675	444.675	445.675	446.675	447.675	448.675	449.675			
	433.700		434.700	438.700	439.700	440.700	441.700	442.700	443.700	444.700	445.700	446.700	447.700	448.700	449.700			
	433.725		434.725	438.725	439.725	440.725	441.725	442.725	443.725	444.725	445.725	446.725	447.725	448.725	449.725			
	433.750		434.750	438.750	439.750	440.750	441.750	442.750	443.750	444.750	445.750	446.750	447.750	448.750	449.750			
	433.775		434.775	438.775	439.775	440.775	441.775	442.775	443.775	444.775	445.775	446.775	447.775	448.775	449.775			
	433.800		434.800	438.800	439.800	440.800	441.800	442.800	443.800	444.800	445.800	446.800	447.800	448.800	449.800			
	433.825		434.825	438.825	439.825	440.825	441.825	442.825	443.825	444.825	445.825	446.825	447.825	448.825	449.825			
	433.850		434.850	438.850	439.850	440.850	441.850	442.850	443.850	444.850	445.850	446.850	447.850	448.850	449.850			
	433.875		434.875	438.875	439.875	440.875	441.875	442.875	443.875	444.875	445.875	446.875	447.875	448.875	449.875			
	433.900		434.900	438.900	439.900	440.900	441.900	442.900	443.900	444.900	445.900	446.900	447.900	448.900	449.900			
	433.925		434.925	438.925	439.925	440.925	441.925	442.925	443.925	444.925	445.925	446.925	447.925	448.925	449.925			
	433.950		434.950	438.950	439.950	440.950	441.950	442.950	443.950	444.950	445.950	446.950	447.950	448.950	449.950			
433.975	434.975	438.975	439.975	440.975	441.975	442.975	443.975	444.975	FM Simplex	446.975	447.9500	448.975	449.975					

The amateur allocation on this band is secondary to military/government users. Amateur operations must not cause, and must accept interference from, these primary allocants.

The Millstone research radar in Westford, MA operates on 439.025 - 441.250 Mhz. The NESMC band plan indicates that the radar's operators have requested we avoid use of this band to mitigate interference to this facility.

- 44x.x000 TX-LO *Repeaters on splits with a thousandths digit of 0 or 2 are TX-LOW (input + 5 MHz). Others are TX-HIGH (input - 5 MHz).*
- 44x.x125 TX-LO
- 44x.x250 TX-HI
- 44x.x375 TX-HI
- 44x.x500 TX-LO
- 44x.x625 TX-LO
- 44x.x750 TX-HI
- 44x.x875 TX-HI

KEY:
PB = propagation beacons
LBRB = links, data backbones, remote bases
Repeaters, 25 KHz spacing, 5MHz offset
Repeaters, "splinter" 12.5 KHz spacing, 5 MHz offset
US Government LP Restricted
US Government Banned
uncoordinated activity
*National Calling Frequency

NESMC 902 BANDPLAN

8/24/2013

902.xxx	903.xxx	904.0-908.xxx	909.0 - 915.0	915.0 - 921.0	921.0-927.0	927.xxx
FM simplex & rptr ins (outputs +25)			see note (a)		see note (a)	FM simplex & rptr outs (inputs -25)
902.0125(b) 902.0250(b) 902.0375(b) 902.0500(b) 902.0625(b)	903.0000					927.0125(b) 927.0250(b) 927.0375(b) 927.0500(b) 927.0625(b)
902.0750	Weak Signal					927.0750
902.1000 Calling	903.1000 Calling					927.0875
902.1250						927.1000
902.1375						927.1125
902.1500						927.1250
902.1625						927.1375
902.1750						927.1500
902.1875						927.1625
902.2000	903.2000					927.1750
902.2125	Beacons					927.1875
902.2250						927.2000
...						927.2125
902.3750						927.2250
902.3875						...
902.4000	903.4000					927.3750
902.4125						927.3875
902.4250						927.4000
902.4375						927.4125
902.4500						927.4250
902.4625						927.4375
902.4750						927.4500
902.4875						927.4625
902.5000	Mixed Use					927.4750
902.5125						927.4875
902.5250						927.5000
902.5375						927.5125
...						927.5250
902.9625		927.5375				
902.9750		...				
902.9875		927.9625				
		927.9750				
		927.9875				

The amateur allocation on this band is secondary to military/government users, and to navigation enhancement systems. Amateur operations must not cause, and must accept interference from, these other users.

(a) There are less than six existing FM repeaters with inputs at 909-910 and outputs at 921-922 MHz. These repeaters must share their spectrum with ATV. No new coordinations for FM repeaters will be made in these subbands.

(b) These repeater pairs are assigned as a last resort for systems that have:

- (1) Demonstrated severe interference on all pairs with inputs on 902.1375 and above.
- (2) Demonstrated that this interference is significantly reduced on one of these channels.

NESMC 1240 MHz BAND PLAN

8/24/2013

1240	1252	1264	1276	1288
ATV/DATV #1 repeater input	ATV/DATV #2	Satellite	ATV/DATV #3 repeater output	wide band experimental ATV simplex
1246 aux links	1258	1270.0 1270.1 1270.2 1270.3 ...	1282.0 1282.1 1282.2 1282.3 ...	1294 NBFM simplex
1248 digital	satellite	repeater inputs (outputs +12 Mhz)	repeater outputs (inputs -12 Mhz)	1295 Weak Signal
		FM & linear	FM & linear	1297.5 1298.0 high speed digital
		1298.5 1299.0 1299.5
		1275.9	1287.9	

The amateur allocation on this band is secondary to military/government users. Amateur operations must not cause, and must accept interference from, these primary allocants.

The FAA aircraft surveillance radar in Cummington, MA operates in the range 1256-1264 MHz. Amateurs are strongly advised to avoid operating in this range.