

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	51.000	51.500	rptra in	rptra out										
50.060 CW Beacons	all modes	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		52.100	51.600	52.550 52.570 52.590	53.550 53.570 53.590										
50.100 DX Window 50.125**	50.600 50.620* non-voice	51.120 51.140 51.160 51.180	51.620 51.640 51.660 51.680	52.110 52.130 52.150 52.170 52.190	53.100 53.110 53.130 53.150 53.170										
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	52.190 52.210 52.230 52.250 52.270 52.290	53.690 53.700 53.710 53.730 53.750 53.770 53.790										
		51.340 51.360 51.380 51.400 51.420 51.440	51.840 51.860 51.880 51.900 51.920 51.940	52.310 52.330 52.350 52.370 52.390	53.800 53.810 53.830 53.850 53.870 53.890										
		51.460 51.480*	51.960 51.980*	52.410 52.430 52.450 52.470	53.910 53.930 53.950 53.970										
		51.480*	51.980*	52.430 52.450 52.470	53.930 53.950 53.970										
		51.460 51.480*	51.960 51.980*	52.410 52.430 52.450 52.470	53.910 53.930 53.950 53.970										
		51.480*	51.980*	52.430 52.450 52.470	53.930 53.950 53.970										
		51.460 51.480*	51.960 51.980*	52.410 52.430 52.450 52.470	53.910 53.930 53.950 53.970										
		51.480*	51.980*	52.430 52.450 52.470	53.930 53.950 53.970										
		51.460 51.480*	51.960 51.980*	52.410 52.430 52.450 52.470	53.910 53.930 53.950 53.970										
		51.480*	51.980*	52.430 52.450 52.470	53.930 53.950 53.970										
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	51.840 51.860 51.880 51.900 51.920 51.940	52.810 52.830 52.850 52.870 52.890	53.810 53.830 53.850 53.870 53.890										
all modes		rptra in	rptra out												
		Test Pair		<table border="1"> <tr><td>FM Simplex</td></tr> <tr><td>52.490</td></tr> <tr><td>52.510</td></tr> <tr><td>52.525</td></tr> <tr><td>52.540</td></tr> </table>	FM Simplex	52.490	52.510	52.525*	52.540	<table border="1"> <tr><td>FM Simplex</td></tr> <tr><td>53.490</td></tr> <tr><td>53.500</td></tr> <tr><td>53.510</td></tr> <tr><td>53.530</td></tr> </table>	FM Simplex	53.490	53.500	53.510	53.530
FM Simplex															
52.490															
52.510															
52.525*															
52.540															
FM Simplex															
53.490															
53.500															
53.510															
53.530															

* 50.0-50.1 is restricted to CW emission only by FCC Part 97

** SSB Calling * Digital/Packet Calling

* FM Calling

NESMC 2m BANDPLAN

9/7/2007

KEY:
PB = propagation beacons (uncoordinated)
Repeaters, 20 or 15 KHz spacing, 600 KHz offset[e]
Narrow Bandwidth Repeaters, 10 KHz spacing[f]
FM Simplex and Digital (Mixed Use, uncoordinated)
Digital/Packet (uncoordinated)
other uncoordinated activity

	144			145			146			147		
	rptr in[d]	digital	rptr out[d]	digital & fm	splx / sat	rptr in[d]	fm splx	rptr out[d]	rptr out[d]	fm splx	rptr in[d]	
144.000	144.510	144.910	145.110	145.510	145.710	146.010	146.400	146.610	147.000	147.405	147.600	
CW Only[a]	144.520		145.120			146.025	146.415	146.625	147.015	147.420	147.615	
144.100	144.530	144.930	145.130	145.530	145.730	146.040	146.430	146.640	147.030	147.435	147.630	
Weak Signal	144.540		145.140			146.055	146.445	146.655	147.045	147.450	147.645	
	144.550	144.950	145.150	145.550	145.750	146.070	146.460	146.670	147.060	147.465	147.660	
	144.560		145.160			146.085	146.475	146.685	147.075	147.480	147.675	
	144.570	144.970	145.170	145.570	145.770	146.100	146.490	146.700	147.090	147.495	147.690	
	144.580		145.180			146.115	146.505	146.715	147.105	147.510	147.705	
144.275	144.590	144.990	145.190	145.590	145.790	146.130	146.520[c]	146.730	147.120	147.525	147.720	
144.300	144.600		145.200			146.145	146.535	146.745	147.135	147.540	147.735	
144.300	144.610	145.010	145.210	145.610		146.160	146.550	146.760	147.150	147.555	147.750	
	144.620		145.220			146.175	146.565	146.775	147.165	147.570	147.765	
	144.630	145.030	145.230	145.630		146.190	146.580	146.790	147.180	147.585	147.780	
	144.640		145.240			146.205	146.595	146.805	147.195		147.795	
	144.650	145.050	145.250	145.650		146.220		146.820	147.210		147.810	
	144.660		145.260			146.235		146.835	147.225		147.825	
	144.670	145.070	145.270	145.670		146.250		146.850	147.240		147.840	
	144.680		145.280			146.265		146.865	147.255		147.855	
	SATELLITE	144.690	145.090	145.290	145.690		146.280		146.880	147.270		147.870
		144.700		145.300			146.295		146.895	147.285		147.885
		144.710		145.310			146.310		146.910	147.300		147.900
		144.720		145.320			146.325		146.925	147.315		147.915
		144.730		145.330			146.340		146.940	147.330		147.930
		144.740		145.340			146.355		146.955	147.345		147.945
		144.750		145.350			146.370		146.970	147.360		147.960
		144.760		145.360			146.385		146.985	147.375		147.975
		144.770		145.370						147.390		147.990
		144.780		145.380								
	144.390[b]	144.790		145.390								
		144.800		145.400								
	144.810		145.410									
	144.820		145.420									
	144.830		145.430									
SATELLITE	144.840		145.440									
	144.850		145.450									
	144.860		145.460									
	144.870		145.470									
	144.880		145.480									
144.500	144.890		145.490			146.000						

- [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] Repeater operation is restricted to 144.5 -145.5 and 146-148 by FCC Part 97
- [e] Narrow bandwidth systems may also be coordinated here
- [f] Minimum 50 mile separation to adjacent standard bandwidth systems

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
		222.200	222.820	...	223.800	224.420
Data Backbones*	Weak Signal	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
220.000	222.150	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

KEY:
wideband data
PB = propagation beacons
LBRB = links, data backbones, remote bases
Repeaters, 25 KHz spacing, 5MHz offset
Repeaters, "splitter" 12.5 KHz spacing, 5 MHz offset
USAF LP Restricted
USAF Banned
uncoordinated activity

NESMC 440 BANDPLAN

12/12/2004

420 - 429	430	431 - 432	433	434	435-437	438	439	440	441	442	443	444	445	446	447	448	449
	ATV	431.000 431.025	EME/WS 433.025	434.000 434.025		Satellite 438.025	439.000 439.025	440.000 440.025	441.000 441.025	442.000 442.025	443.000 443.025	444.000 444.025	FM Simplex 445.025	446.000*	447.000 447.025	448.000 448.025	449.000 449.025
		430.050 430.075 430.100 430.125 430.150 430.175	433.050 433.075 433.100 433.125 433.150 433.175	434.050 434.075 434.100 434.125 434.150 434.175		438.050 438.075 438.100 438.125 438.150 438.175	439.050 439.075 439.100 439.125 439.150 439.175	440.050 440.075 440.100 440.125 440.150 440.175	441.050 441.075 441.100 441.125 ...	442.050 442.075 442.100 442.125 442.150 442.175	443.050 443.075 443.100 443.125 443.150 443.175	444.050 444.075 444.100 444.125 444.150 444.175	445.050 445.075 445.100 445.125 445.150 445.175	FM Simplex 446.000*	447.050 447.075 447.100 447.125 447.150 447.175	448.050 448.075 448.100 448.125 448.150 448.175	449.050 449.075 449.100 449.125 449.150 449.175
		430.200 430.225 430.250 430.275	433.200 433.225 433.250 433.275	434.200 434.225 434.250 434.275		438.200 438.225 438.250 438.275	439.200 439.225 439.250 439.275	440.200 440.225 440.250 440.275	441.2625 441.2750 441.300 441.325	442.200 442.225 442.250 442.275	443.200 443.225 443.250 443.275	444.200 444.225 444.250 444.275	445.200 445.225 445.250 445.275	446.2625 446.2750 446.300 446.325	447.200 447.225 447.250 447.275	448.200 448.225 448.250 448.275	449.200 449.225 449.250 449.275
		430.300 430.325 430.350 430.375 430.400	433.300 433.325 433.350 433.375 433.400	434.300 434.325 434.350 434.375 434.400		438.300 438.325 438.350 438.375 438.400	439.300 439.325 439.350 439.375 439.400	440.300 440.325 440.350 440.375 440.400	441.350 441.375 441.400 441.4250 441.4375	442.300 442.325 442.350 442.375 442.400	443.300 443.325 443.350 443.375 443.400	444.300 444.325 444.350 444.375 444.400	445.300 445.325 445.350 445.375 445.400	446.350 446.375 446.400 446.4250 446.4375	447.300 447.325 447.350 447.375 447.400	448.300 448.325 448.350 448.375 448.400	449.300 449.325 449.350 449.375 449.400
	ATV	430.425 430.450 430.475 430.500 430.525 430.550 430.575 430.600 430.625 430.650 430.675 430.700 430.725 430.750 430.775 430.800 430.825 430.850 430.875 430.900 430.925 430.950 430.975	433.425 433.450 433.475 433.500 433.525 433.550 433.575 433.600 433.625 433.650 433.675 433.700 433.725 433.750 433.775 433.800 433.825 433.850 433.875 433.900 433.925 433.950 433.975	434.425 434.450 434.475 434.500 434.525 434.550 434.575 434.600 434.625 434.650 434.675 434.700 434.725 434.750 434.775 434.800 434.825 434.850 434.875 434.900 434.925 434.950 434.975		Satellite 438.425 438.450 438.475 438.500 438.525 438.550 438.575 438.600 438.625 438.650 438.675 438.700 438.725 438.750 438.775 438.800 438.825 438.850 438.875 438.900 438.925 438.950 438.975	439.425 439.450 439.475 439.500 439.525 439.550 439.575 439.600 439.625 439.650 439.675 439.700 439.725 439.750 439.775 439.800 439.825 439.850 439.875 439.900 439.925 439.950 439.975	440.425 440.450 440.475 440.500 440.525 440.550 440.575 440.600 440.625 440.650 440.675 440.700 440.725 440.750 440.775 440.800 440.825 440.850 440.875 440.900 440.925 440.950 440.975	441.4500 441.4625 441.4750 441.500 441.525 441.550 441.575 441.600 441.625 441.650 441.675 441.700 441.725 441.750 441.775 441.800 441.825 441.850 441.875 441.900 441.925 441.950 441.975	442.425 442.450 442.475 442.500 442.525 442.550 442.575 442.600 442.625 442.650 442.675 442.700 442.725 442.750 442.775 442.800 442.825 442.850 442.875 442.900 442.925 442.950 442.975	443.425 443.450 443.475 443.500 443.525 443.550 443.575 443.600 443.625 443.650 443.675 443.700 443.725 443.750 443.775 443.800 443.825 443.850 443.875 443.900 443.925 443.950 443.975	444.425 444.450 444.475 444.500 444.525 444.550 444.575 444.600 444.625 444.650 444.675 444.700 444.725 444.750 444.775 444.800 444.825 444.850 444.875 444.900 444.925 444.950 444.975	445.425 445.450 445.475 445.500 445.525 445.550 445.575 445.600 445.625 445.650 445.675 445.700 445.725 445.750 445.775 445.800 445.825 445.850 445.875 445.900 445.925 445.950 445.975	446.4500 446.4625 446.4750 446.500 446.525 446.550 446.575 446.600 446.625 446.650 446.675 446.700 446.725 446.750 446.775 446.800 446.825 446.850 446.875 446.900 446.925 446.950 446.975	447.425 447.450 447.475 447.500 447.525 447.550 447.575 447.600 447.625 447.650 447.675 447.700 447.725 447.750 447.775 447.800 447.825 447.850 447.875 447.900 447.925 447.950 447.975	448.425 448.450 448.475 448.500 448.525 448.550 448.575 448.600 448.625 448.650 448.675 448.700 448.725 448.750 448.775 448.800 448.825 448.850 448.875 448.900 448.925 448.950 448.975	449.425 449.450 449.475 449.500 449.525 449.550 449.575 449.600 449.625 449.650 449.675 449.700 449.725 449.750 449.775 449.800 449.825 449.850 449.875 449.900 449.925 449.950 449.975

- 44x.x000 TX-LO
- 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

*National Calling Frequency

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.

Repeaters on splits with a thousandths digit of 0 or 2 are TX-LOW (input + 5 MHz). Others are TX-HIGH (input - 5 MHz).

NESMC 902 BANDPLAN

6/2/2007

902.xxx inps (output + 25)	903.xxx	904.0-907.0	907.xxx inputs (output +12)	908.xxx	909.0 - 915.0	915.0 - 916.0	916.0-919.0	919.xxx	920.xxx	921.0-927.0	927.xxx outs (input - 25)								
902.100 CW Calling	903.100 CW Calling		907.000 907.025 907.050 907.075 907.100 907.125 907.150 907.175 907.200 907.225 907.250	908.000 908.025 908.050 908.075 908.100 908.125 908.150 908.175 908.200 908.225 908.250	909 see note (a) 910	915.0 ISM		919.000 919.025 919.050 919.075 919.100 919.125 919.150 919.175 919.200 919.225 919.250	920.000 920.025 920.050 920.075 920.100 920.125 920.150 920.175 920.200 920.225 920.250	921 see note (a) 922	927.0125 927.0375 927.0625 927.0875 927.1125 927.1375 927.1625 927.1875 927.2125 927.2375 927.2625								
902.250 SSB Calling	902.250 SSB Calling		907.275 907.300 907.325 907.350 907.375 907.400	908.275 908.300 908.325 908.350 908.375 908.400			910.25 NTSC Video Carrier		919.275 919.300 919.325 919.350 919.375 919.400		920.275 920.300 920.325 920.350 920.375 920.400	922.25 NTSC Video Carrier	927.2875 927.3125 927.3375 927.3625 927.3875						
Weak Signal	Weak Signal		907.425 907.450	908.425 908.450				ATV #1	Mixed Use: Digital, Links, Wide Band Data, Experimental				919.425 919.450	920.425 920.450	ATV #2	927.4125 927.4250 927.4375 927.4500 927.4625 927.4750			
902.300 Beacons 902.375	903.300 Beacons 903.350		907.475	908.475							927.5 - Simplex			919.475		920.475	927.5 - Simplex	927.4875	
902.400	903.400		907.500	908.500										919.500		920.500			927.5125
902.4125 902.4250 902.4375 902.4500 902.4625 902.4750	Mixed Use: Digital, Links, Experimental		907.525	908.525										919.525		920.525			927.5250
902.4875			907.550	908.550										919.550		920.550			927.5375
902.5125			907.575	908.575										919.575		920.575			927.5500
902.5250			907.600	908.600										919.600		920.600			927.5625
902.5375			907.625	908.625										919.625		920.625			927.5750
902.5500			907.650	908.650		919.650				920.650				927.5875					
902.5625			907.675	908.675		919.675	920.675					927.6000							
902.5750			907.700	908.700		919.700	920.700		927.6125										
902.5875			907.725	908.725		919.725	920.725		927.6250										
902.6000			907.750	908.750		919.750	920.750		927.6375										
902.6125		907.775	908.775		919.775	920.775		927.6500											
902.6250		907.800	908.800		919.800	920.800		927.6625											
902.6375		907.825	908.825		919.825	920.825		927.6750											
902.6500		907.850	908.850		919.850	920.850		927.6875											
902.6625		907.875	908.875		919.875	920.875		927.7000											
902.6750		907.900	908.900		919.900	920.900		927.7125											
902.6875		907.925	908.925		919.925	920.925		927.7250											
902.7000		907.950	908.950		919.950	920.950		927.7375											
902.7125		907.975	908.975		919.975	920.975		927.7500											
902.7250								927.7625		927.7750									
902.7375								927.7875		927.8000									
902.7500								927.8125		927.8250									
902.7625								927.8375		927.8500									
902.7750								927.8625		927.8750									
902.7875								927.8875		927.8875									
902.8000											Weak Signal (Beacons)								
902.8125																			
902.8250																			
902.8375																			
902.8500																			
902.8625																			
902.8750																			
902.8875																			
Weak Signal																			

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.

note (a): There are 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.

NESMC 13cm (2.3Ghz) Bandplan 12/12/2004

13 CENTIMETERS (2300 - 2310 and 2390 - 2450 MHz):	
2300.0 - 2303.0	high-rate data
2303.0 - 2303.5	packet
2303.5 - 2303.8	TTY packet
2303.9 - 2303.9	packet, TTY, CW, EME
2303.9 - 2304.1	CW, EME
2304.1	calling frequency
2304.1 - 2304.2	CW, EME, SSB
2304.2 - 2304.3	SSB, SSTV, FAX, Packet AM, Amtor
2304.30 - 2304.32	propagation beacon network
2304.32 - 2304.40	general propagation beacons
2304.4 - 2304.5	SSB, SSTV, ACSSB, FAX, Packet AM, AMTOR experimental
2304.5 - 2304.7	crossband linear translator input
2304.7 - 2304.9	crossband linear translator output
3204.9 - 2305.0	experimental beacons
2305.0 - 2306.0	FM simplex (25 kHz spacing) 2305.2 FM simplex calling frequency
2306.0 - 2309.0	FM repeaters (25 kHz) input
2309.0 - 2310.0	control and auxiliary links
2390.0 - 2396.0	fast-scan TV
2396.0 - 2399.0	high-rate data
2399.0 - 2399.5	packet
2399.5 - 2400.0	control and auxiliary links
2400.0 - 2403.0	satellite
2403.0 - 2408.0	satellite high-rate data
2408.0 - 2410.0	satellite
2410.0 - 2413.0	FM repeaters (25 kHz) output
2413.0 - 2418.0	high-rate data
2418.0 - 2430.0	fast-scan TV
2430.0 - 2433.0	satellite
2433.0 - 2438.0	satellite high-rate data
2438.0 - 2450.0	WB FM, FSTV, FMTV, SS experimental