

## Frequency Usage Chart:

Developing a chart clearly showing how frequencies are allocated and used has become a major task. While former service based allocations such as police and fire have merged into the larger category of “Public Safety” and dozens of other such as taxis, power, petroleum, forest service and others have merged into “Business” these frequencies are still assigned by local coordinators on a per-service basis. In both cases, when appropriate, open frequencies cannot be located the coordinators will assign non-service (formerly assigned allocated frequencies).

Considerable confusion exists among users, communications dealers, frequency coordinators and even the FCC itself regarding how specific frequencies are actually allocated.

As a result, this initial attempt at listing frequency usage should be considered only a first step. Our goal is to improve its accuracy in future editions based on reader input and further research.

The first column indicates the first allocated channel in a range, the lower limit of a range or a single frequency. The second column indicates the highest allocated channel in a range or the upper limit of a range. The third column indicates the mode most commonly used by the indicated service. The fourth column indicates the typical channel spacing in MHz commonly used or encountered. The fifth column indicates the type service typically assigned to or making use the entry.

<u>Lower</u>	<u>Upper</u>	<u>Mode</u>	<u>Step</u>	<u>Description of Services</u>
25.0000	25.3300	FM	.020	Petroleum
25.0050	25.0100	DATA	.001	Space Research
25.0100	25.0700	MISC	.001	Fixed Services & Maritime Services
25.0100	25.2100	MISC	.001	Maritime Services
25.0200	25.1200	FM	.020	Petroleum / Geophysical
25.0400		FM		Oil Spill Cleanup
25.0700	25.0970	USB	.001	Maritime: USB - Ship Duplex (w/26.145-26.172 Coast)
25.0800		FM		Oil Spill Cleanup
25.0970		USB		Maritime: USB Primary Calling Channel
25.1000	25.1180	USB	.001	Maritime: USB Simplex Ship & Coastal Working Channels
25.1100	25.6000	CW/SSB	.001	Fixed Services
25.1230	25.1590	DATA	.001	Maritime: Fax, Data and Misc. Modes
25.1400		FM		Petroleum / Forest Products
25.1600	25.3200	FM	.020	Petroleum
25.1610	25.1710	CW	.001	Maritime: CW - Ship Working Channels
25.1715	25.1725	CW	.001	Maritime: CW - Ship Calling Channels
25.1730	25.1925	RTTY	.001	Maritime: SITOR-A Duplex Ship (w/26.101-26.1205 Coast)
25.1930	25.2080	RTTY	.001	Maritime: SITOR-A Simplex Ship working channels
25.2085	25.2095	DSC	.001	Maritime: Digital Selective Calling
25.3300	25.6000	MISC	.010	US Government
25.5500	25.6700	DATA	.001	Radio Astronomy
25.6000	26.1000	AM	.005	International Broadcasting 11 Meter Band
25.8700	26.4700	FM	.020	Remote Broadcasting Links
26.1000	26.1750	MISC	.001	Maritime Services
26.1000	28.0000	CW/SSB	.001	Fixed Services
26.1005		RTTY		Maritime: SITOR-B Maritime Safety Broadcast
26.1010	26.1205	RTTY	.001	Maritime: SITOR-A - Coastal Stations
26.1210	26.1220	DSC	.001	Maritime: Digital Selective Calling
26.1225	26.1450	CW	.001	Maritime: CW - Coastal Stations
26.1450	26.1720	USB	.001	Maritime: USB Duplex Coastal Stations
26.1720		USB		Maritime: USB Primary Calling Channel
26.4800	26.4000	MISC	.010	US Government
26.6200		SSB		Civil Air Patrol
26.9550		MISC		Developmental

26.9570	27.2830	MISC	.001	Industrial, Scientific & Medical Devices
26.9650	27.4050	AM/SSB	.010	Citizens Band Radio
27.4300	27.4700	FM	.020	Business
27.4900		FM		Business Itinerant
27.5000	28.0000	DATA	.001	Meteorological Aids & Radiosondes
27.5100	27.5300	FM	.020	Business Low Power
27.5400	27.9900	MISC	.010	US Government
27.6012	27.9912	MISC	.001	Citizens Band Radio United Kingdom
27.7100	27.7900	FM	.020	Forest Products
28.0010	28.0690	CW	.001	Amateur Radio 10 Meters (Primary CW Band)
28.0700	28.1490	RTTY	.001	Amateur Radio 10 Meters (Primary RTTY Band)
28.1500	28.1800	CW	.001	Amateur Radio 10 Meters (CW)
28.1800	28.2800	CW	.001	Amateur Radio 10 Meters (Beacons)
28.3000	29.3000	SSB	.001	Amateur Radio 10 Meters (Primary Phone)
29.3000	29.5100	CW/SSB	.001	Amateur Radio 10 Meters (Primary Satellite Ops)
29.5200	29.5800	FM	.020	Amateur Radio 10 Meters (FM Repeater Inputs)
29.6000		FM		Amateur Radio 10 Meters (FM Simplex Nationwide)
29.6200	29.6800	FM	.020	Amateur Radio 10 Meters (FM Repeater Outputs)
29.7100	29.7900	FM	.020	Forest Products
29.8000	29.8600	FM	.020	Fixed Services
29.8800		MISC		Developmental
29.8900	30.5500	FM	.010	US Government
30.5800	30.6400	FM	.020	Special Industrial
30.6600		FM		Petroleum / Busses
30.6800		FM		Forest Products
30.7000		FM		Petroleum
30.7200		FM		Forest Products
30.7400		FM		Petroleum / Busses
30.7600		FM		Business
30.7800		FM		Petroleum
30.8000		FM		Business
30.8200		FM		Petroleum / Busses
30.8400		FM		Business Low Power
30.8500	32.0000	DATA	.010	Animal Tracking Beacons
30.8600		FM		Busses / Conservation
30.8800		FM		Business
30.9000		FM		Busses / Conservation
30.9200		FM		Business
30.9400		FM		Busses / Conservation
30.9600		FM		Business
30.9800		FM		Busses / Conservation
31.0000		FM		Business
31.0200		FM		Busses / Conservation
31.0400		FM		Business
31.0600		FM		Busses / Conservation
31.0800		FM		Busses
31.1000		FM		Busses / Conservation
31.1200		FM		Busses
31.1400		FM		Busses
31.1600	31.2600	FM	.020	Business / State Conservation (alternating channels)
31.2800	31.9800	FM	.020	Special Industrial / State Conservation (alternating channels)
32.0000	32.9900	FM	.010	US Government
33.0000	33.0700	DATA	.010	Animal Tracking Beacons
33.0200	33.1000	FM	.020	Highway Maintenance / Special Emergency
33.1200		FM		Special Industrial Low Power
33.1400		FM		Business Low Power

33.1600		FM		Business
33.1800	33.3800	FM	.020	Petroleum
33.4000		FM		Business Low Power
33.4100	34.0000	DATA	.010	Animal Tracking Beacons
33.4200	33.9800	FM	.020	Fire Depts
34.0000	35.0000	FM	.010	US Government
35.0200		FM		Business / Special Emergency (Low Power)
35.0400		FM		Business Itinerant
35.0600	35.1400	FM	.020	Business
35.1600		FM		Telephone System Maintenance
35.1800		FM		Business
35.2200		FM		Pagers
35.2600	35.5400	FM	.020	Radiotelephone Base / Pagers / Special Industrial
35.5800		FM		Pagers
35.6200	35.6800	FM	.020	Radiotelephone Base / Special Emergency Paging
35.7000	35.7200	FM	.020	Business
35.7400	35.8600	FM	.020	Special Industrial
35.8800	35.9800	FM	.020	Business
36.0000	37.0000	FM	.010	US Government
36.2500		FM		Petroleum Oil Spill Cleanup
37.0000	37.4200	FM	.020	Police / Local Government
37.0000	37.4300	DATA	.010	Animal Tracking Beacons
37.0200		FM		Police (Mobile Only)
37.4400		FM		Forest Products
37.4600	37.8600	FM	.020	Power and Water Utilities
37.5000	38.2500	DATA	.010	Radio Astronomy
37.6000		FM	.020	Power and Water Utilities Intersystem Coordination Channel
37.8800		FM		Forest products
37.8900	38.0000	DATA	.010	Animal Tracking Beacons
38.0000	39.0000	FM	.010	US Government
39.0000	39.9800	FM	.020	Police / Local Government
39.0000	40.0000	DATA	.010	Animal Tracking Beacons
40.0000	42.0000	FM	.010	US Government
40.5000		FM		Land Mobile Emergency Guard (Government)
40.6600	40.7000	MISC	.001	Industrial, Scientific & Medical Devices
42.0000	42.9100	DATA	.010	Animal Tracking Beacons
42.0200	42.9400	FM	.020	State Police
42.9600		FM		Business
42.9800		FM		Business Low Power
43.0000		FM		Business
43.0200	43.1400	FM	.020	Special Industrial
43.1600		FM		Telephone System maintenance
43.1800		FM		Special Industrial
43.2200		FM		Pagers
43.2600	43.6800	FM	.020	Radiotelephone Mobiles / Special Industrial / Pagers
43.7000	43.8400	FM	.020	Busses
43.7200		FM		Cordless Phones: Possible Future Base Units
43.7400		FM		Cordless Phones: Possible Future Base Units
43.8200		FM		Cordless Phones: Possible Future Base Units
43.8400		FM		Cordless Phones: Possible Future Base Units
43.8600	44.4400	FM	.020	Trucks
43.9200		FM		Cordless Phones: Possible Future Base Units
43.9600		FM		Cordless Phones: Possible Future Base Units
44.1200		FM		Cordless Phones: Possible Future Base Units
44.1600		FM		Cordless Phones: Possible Future Base Units
44.1800		FM		Cordless Phones: Possible Future Base Units

44.2000		FM		Cordless Phones: Possible Future Base Units
44.3200		FM		Cordless Phones: Possible Future Base Units
44.3600		FM		Cordless Phones: Possible Future Base Units
44.4000		FM		Cordless Phones: Possible Future Base Units
44.4600		FM		Cordless Phones: Possible Future Base Units
44.4600	44.6000	FM	.020	Busses
44.4800		FM		Cordless Phones: Possible Future Base Units
44.6100	46.6000	DATA	.010	Animal Tracking Beacons
44.6200	45.0600	FM	.020	State Police / Conservation (alternating channels)
45.0800	45.6600	FM	.020	Local Government / Police (alternating channels)
45.6800	45.8400	FM	.020	Highway Maintenance / Police (alternating channels)
45.8600		FM		Police Inter systems
45.8800		FM		Fire Inter systems
45.9000	46.0400	FM	.020	Police / Special Emergency (alternating channels)
46.0600	46.5000	FM	.020	Fire Depts
46.5200	46.5800	FM	.020	Local Government
46.6000		FM		US Government
46.6100		FM		Cordless Phone Base, w/49.67 Handset
46.6300		FM		Cordless Phone Base, w/49.845 Handset
46.6500		FM		US Government
46.6700		FM		Cordless Phone Base, w/49.86 Handset
46.7000		FM		US Government
46.7100		FM		Cordless Phone Base, w/49.77 Handset
46.7300		FM		Cordless Phone Base, w/49.875 Handset
46.7500		FM		US Government
46.7700		FM		Cordless Phone Base, w/49.83 Handset
46.7900		FM		US Government
46.8100		FM		US Government
46.8300		FM		Cordless Phone Base, w/49.89 Handset
46.8500		FM		US Government
46.8700		FM		Cordless Phone Base, w/49.93 Handset
46.9000		FM		US Government
46.9300		FM		Cordless Phone Base, w/49.99 Handset
46.9700		FM		Cordless Phone Base, w/49.97 Handset
46.9900		FM		US Government
47.0000	47.4000	FM	.020	State Highway Maintenance
47.0000	47.4100	DATA	.010	Animal Tracking Beacons
47.4200		FM		American Red Cross Nationwide
47.4200	47.6600	FM	.020	Special Emergency / Special Industrial (alternating channels)
47.6800	48.5400	FM	.020	Power and Water Utilities
48.5600	49.5000	FM	.020	Forest Products / Petroleum
48.7600		FM		Cordless Phones: Possible Future Handset Units
48.8400		FM		Cordless Phones: Possible Future Handset Units
48.8600		FM		Cordless Phones: Possible Future Handset Units
48.9200		FM		Cordless Phones: Possible Future Handset Units
49.0200		FM		Cordless Phones: Possible Future Handset Units
49.0800		FM		Cordless Phones: Possible Future Handset Units
49.1000		FM		Cordless Phones: Possible Future Handset Units
49.1600		FM		Cordless Phones: Possible Future Handset Units
49.2000		FM		Cordless Phones: Possible Future Handset Units
49.2400		FM		Cordless Phones: Possible Future Handset Units
49.2800		FM		Cordless Phones: Possible Future Handset Units
49.3600		FM		Cordless Phones: Possible Future Handset Units
49.4000		FM		Cordless Phones: Possible Future Handset Units
49.4600		FM		Cordless Phones: Possible Future Handset Units
49.5000		FM		Cordless Phones: Possible Future Handset Units

49.5200	49.5800	FM	.020	Forest Products/ Special Industrial
49.6100	49.9500	FM	.010	US Government
49.6700		FM		Cordless Phone Handsets
49.7700		FM		Cordless Phone Handsets
49.8300		FM/AM		Cordless Phone Handsets / Intercoms / Low Power Devices
49.8450		FM/AM		Cordless Phone Handsets / Intercoms / Low Power Devices
49.8600		FM/AM		Cordless Phone Handsets / Intercoms / Low Power Devices
49.8750		FM/AM		Cordless Phone Handsets / Intercoms / Low Power Devices
49.8900		FM/AM		Cordless Phone Handsets / Intercoms / Low Power Devices
49.9300		FM		Cordless Phone Handsets
49.9700		FM		Cordless Phone Handsets
49.9900		FM		Cordless Phone Handsets
50.0000	50.0900	CW	.001	Amateur Radio 6 Meters (Beacons)
50.0000	54.0000	CW	.001	Amateur Radio 6 Meters (Code)
50.1000	50.1300	CW	.001	Amateur Radio 6 Meters (Intl DX Window)
50.1000	50.3000	CW/SSB	.001	Amateur Radio 6 Meters (SSB/CW Operations)
50.1000	54.0000	SSB	.001	Amateur Radio 6 Meters (Phone)
50.1250		SSB		Amateur Radio 6 Meters (SSB Calling Channel)
50.3000	50.6000	MISC	.001	Amateur Radio 6 Meters (All Modes)
50.6000	50.7900	DATA	.001	Amateur Radio 6 Meters (Non-Voice Digital Modes)
50.6200		DATA		Amateur Radio 6 Meters (Digital Mode Calling Channel)
50.8000	50.9800	DATA	.020	Amateur Radio 6 Meters (Radio Control)
51.0000	51.1000	CW/SSB	.001	Amateur Radio 6 Meters (Pacific DX Window)
51.1200	51.1800	DATA	.020	Amateur Radio 6 Meters (Digital Repeater Inputs)
51.1200	51.4800	FM	.020	Amateur Radio 6 Meters (Repeater Inputs)
51.5000	51.6000	FM	.020	Amateur Radio 6 Meters (Simplex Operations)
51.6000		FM		Military / Amateur Civil Disaster Common Channel
51.6200	51.7800	MISC	.020	Amateur Radio 6 Meters (Misc. Mode Duplex)
51.6200	51.9800	FM	.020	Amateur Radio 6 Meters (Repeater Outputs)
51.7000		DATA		Amateur Radio 6 Meters (Nationwide Packet Simplex)
52.0000	52.0400	FM	.020	Amateur Radio 6 Meters (FM Simplex)
52.0000	52.4800	FM	.020	Amateur Radio 6 Meters (Repeater Inputs)
52.4900		FM		Amateur Radio 6 Meters (FM Simplex Channel)
52.5000	52.9800	FM	.020	Amateur Radio 6 Meters (Repeater Outputs)
52.5100		FM		Amateur Radio 6 Meters (FM Simplex Channel)
52.5400		FM		Amateur Radio 6 Meters (Nationwide FM Simplex)
53.0000		FM	.020	Amateur Radio 6 Meters (Remote FM Bases)
53.0100	53.4800	FM	.020	Amateur Radio 6 Meters (Repeater Inputs)
53.1000		DATA		Amateur Radio 6 Meters (Remote Control Channel)
53.2000		DATA		Amateur Radio 6 Meters (Remote Control Channel)
53.3000		DATA		Amateur Radio 6 Meters (Remote Control Channel)
53.4000		DATA		Amateur Radio 6 Meters (Remote Control Channel)
53.5000	53.9800	FM	.020	Amateur Radio 6 Meters (Repeater Outputs)
53.5200	53.9000	FM		Amateur Radio 6 Meters (Simplex Secondary)
53.6000		DATA		Amateur Radio 6 Meters (Remote Control Channel)
53.7000		DATA		Amateur Radio 6 Meters (Remote Control Channel)
53.8000		DATA		Amateur Radio 6 Meters (Remote Control Channel)
54.0000	60.0000	TV		Channel 2 Television
59.7500		FM		Channel 2 Television Audio
60.0000	66.0000	TV		Channel 3 Television
65.7500		FM		Channel 3 Television Audio
66.0000	72.000	TV		Channel 4 Television
71.7500		FM		Channel 4 Television Audio
72.0000	72.6000	FM	.020	Land Mobile
72.0100	72.9900	DATA	.020	Radio Controlled Aircraft & Models (odd numbered channels)
72.0200	72.6000	FM	.020	Manufacturing Low Power

72.0200	72.9800	FM	.020	Highway and Fire Call boxes
72.6200	72.9800	FM	.020	Pagers and Misc. Fixed Operations
73.0000	74.6000	DATA	.010	Radio Astronomy
74.6000	75.4000			Aeronautical: navigation Aids Guard Band
75.0000		FM		Aeronautical: navigation Aids
75.4100	75.9900	DATA	.020	Radio Controlled Boats and Cars (odd channels)
75.4200	75.9800	FM	.020	Fixed and Land Mobile (mostly pagers)
75.4200	75.9800	FM	.020	Highway and Fire Call boxes
76.0000	82.0000	TV		Channel 5 Television
81.7500		FM		Channel 5 Television Audio
82.0000	88.0000	TV		Channel 6 Television
87.7500		FM		Channel 6 Television Audio
88.1000	91.9000	WBFM		FM Broadcast: Non-Commercial
92.1000	107.9000	WBFM		FM Broadcast: Commercial
108.0000	118.0000	AM		Aeronautical: Navigation Aids
118.0250	121.4000	AM	.025	Aeronautical: Air Traffic Control
118.9250	118.9750	AM	.025	Aeronautical: Forestry Dept. Aero Ops
121.4000	121.6000	AM	.025	Aeronautical: Protection for 121.500
121.5000		AM		Aeronautical: Emergency Guard Channel
121.6000	121.9250	AM	.025	Aeronautical: Ground Control Operations
121.9500		AM		Flight Instruction
121.9750		AM		Aeronautical: Flight Services Private Advisory
122.0000		AM		Aeronautical: FAA Flight watch Advisory Commercial
122.2000		AM		Aeronautical: Flight Service Stations Common Channel
122.2250	122.6750	AM	.025	Aeronautical: Flight Service Stations
122.2500		AM		Aeronautical: Hot Air Balloons
122.7000		AM		Aeronautical: UNICOM - uncontrolled airports
122.7250		AM		Aeronautical: UNICOM - uncontrolled airports
122.7500		AM		Aeronautical: Air to Air & Private UNICOM
122.7750		AM		Aeronautical: UNICOM
122.8000		AM		Aeronautical: UNICOM - uncontrolled airports
122.8250		AM		Aeronautical: UNICOM
122.8500		AM		Aeronautical: Federal / Misc.. Ops
122.8750		AM		Aeronautical: UNICOM & Commuters
122.9000		AM		Aeronautical: MULTICOM / UNICOM / FSS
122.9250		AM		Aeronautical: MULTICOM - State and Federal
122.9500		AM		Aeronautical: UNICOM - controlled airports
122.9750		AM		Aeronautical: UNICOM - uncontrolled airports
123.0000		AM		Aeronautical: UNICOM - uncontrolled airports
123.0250		AM		Aeronautical: Helicopters air to air
123.0500		AM		Aeronautical: Helicopters UNICOM & CTAF
123.0750		AM		Aeronautical: Helicopters MULTICOM - landing areas
123.1000		AM		Aeronautical: Search & Rescue on site / Airshows
123.1250	123.5750	AM	.025	Aeronautical: Flight Test Channels
123.3000		AM		Aeronautical: Instruction & unpowered flight
123.4500		AM		Aeronautical: Army Aero
123.5000		AM		Aeronautical: Instruction & unpowered flight
123.6000	123.6500	AM	.025	Aeronautical: Flight Service Stations - uncontrolled sites
123.6750	128.8000	AM	.025	Aeronautical: Air Traffic Control
126.2000		AM		Aeronautical: Military Air Traffic Controllers
128.8250	132.0000	AM	.025	Aeronautical: ARINC / Airline Companies
132.0250	136.4750	AM	.025	Aeronautical: Air Traffic Control
134.1000		AM		Aeronautical: Military Air Traffic Controllers
135.8500		AM		Aeronautical: Flight System Inspections
135.9500		AM		Aeronautical: Flight System Inspections
136.5000	136.9750	AM	.025	Aeronautical: ARINC / Airline Companies

137.0000	138.0000	FAX	.015	Meteorological Satellites
138.0000	138.5000	AM / FM	.0125	US Government: Primarily USAF & Army Range Ops
138.5250	139.0000	FM	.0125	US Government: Primarily USN
139.0000	139.4750	FM	.0125	US Government: Primarily Army
139.5000	139.5750	FM	.0125	US Government: Primarily USN
139.6000	140.0000	AM	.025	US Government: Primarily USAF
140.0000	141.0000	FM	.0125	US Government: Primarily USN
141.0000	141.5000	FM	.0125	US Government: Primarily Army
141.5250	142.0000	AM	.025	US Government: Primarily USAF
142.0000	142.5000	AM / FM	.0125	US Government: USAF / Army / FEMA
142.5000	142.8500	FM	.0125	US Government: Primarily USN
142.8750	143.5000	FM	.0125	US Government: Primarily Army & FEMA
143.5250	143.7500	FM	.0125	US Government: Primarily USN
143.7500	144.0000	AM / FM	.025	US Government: Primarily USAF & MARS
144.0000	144.0450	CW	.001	Amateur Radio 2 Meters: Earth-Moon-Earth
144.0450	144.1000	CW	.001	Amateur Radio 2 Meters: CW & Very Low Power
144.1000	144.2000	CW/SSB	.001	Amateur Radio 2 Meters: Earth-Moon-Earth & SSB
144.2000		SSB		Amateur Radio 2 Meters: Nationwide SSB Calling Channel
144.2000	144.2750	SSB	.001	Amateur Radio 2 Meters: SSB Operations
144.2750	144.3000	CW	.001	Amateur Radio 2 Meters: Beacons
144.3000	144.5000	CW/SSB	.005	Amateur Radio 2 Meters: Satellite Operations
144.5000	144.6000	FM	.015	Amateur Radio 2 Meters: Linear Translator Inputs
144.6000	144.9000	FM	.015	Amateur Radio 2 Meters: Repeater Inputs
144.9000	145.1000	FM	.015	Amateur Radio 2 Meters: Simplex & Very Low Power
145.0100	145.0900	DATA	.020	Amateur Radio 2 Meters: Packet Operations
145.1000	145.2000	FM	.015	Amateur Radio 2 Meters: Linear Translator Outputs
145.1000	145.5000	FM	.015	Amateur Radio 2 Meters: Repeater Outputs
145.5000	145.8000	MISC	.005	Amateur Radio 2 Meters: Misc. Modes / Experimental
145.8000	146.0000	CW/SSB	.005	Amateur Radio 2 Meters: Satellite Operations
146.0100	146.3700	FM	.015	Amateur Radio 2 Meters: Repeater Inputs
146.4000	146.5950	FM	.015	Amateur Radio 2 Meters: Simplex
146.5200		FM		Amateur Radio 2 Meters: Nationwide FM Simplex
146.6100	147.3900	FM	.015	Amateur Radio 2 Meters: Repeater Outputs
147.4200	147.5850	FM		Amateur Radio 2 Meters: Simplex
147.6000	147.9900	FM	.015	Amateur Radio 2 Meters: Repeater Inputs
148.0000	150.7650	FM	.005	US Government (Mostly Military)
149.9100	150.0300	DATA	.010	Navigational Satellites
150.7750		FM		Medical Low Power Channel
150.7900		FM		Medical Low Power Channel
150.8150	150.8900	FM	.0075	Private Auto Towing
150.9050	150.9650	FM	.0075	Auto Clubs
150.9800		FM		Forest Products / Oil Spill Cleanup
150.9950	151.1300	FM	.0075	Highway Maintenance
150.9950	151.4900	DATA		Animal Tracking Beacons
151.1450	151.4750	FM	.0075	Park Districts & Conservation
151.4900	151.5950	FM	.0075	Special Industrial
151.5050		FM		Special Industrial - Itinerant Channel
151.6250		FM		Business Itinerant
151.6550	151.9550	FM	.015	Business
152.0075		FM		Medical Pagers
152.0300	152.2100	FM	.030*	Radiotelephone Bases / Pagers (* - <i>refarming to .0075</i> )
152.2400		FM		Pagers
152.2700	152.4500	FM	.015	Taxi Bases (w/157.530-157.710 mobiles)
152.4650		FM		Taxis / Special Industrial / Forest Products
152.4800		FM		Business Pagers
152.5100	152.8100	FM	.030*	Radiotelephone Bases / Pagers (w/157.770-157.158.070)

152.8400		FM		Pagers
152.8700	153.0200	FM	.015	Motion Pictures / Special Industrial
153.0350		FM		Petroleum / Special Industrial / Manufacturing
153.0500	153.3950	FM	.015	Forest Products / Petroleum / Manufacturing
153.4100	153.7250	FM	.015	Power and Water Utilities / Petroleum
153.7400	153.7550	FM	.0075	Local Government Services
153.7400	154.4450	DATA	.0001	Animal Tracking Beacons
153.7700		FM		Fire Depts
153.7850	153.8150	FM	.0075	Local Government Services
153.8300		FM		Fire Ground (on the scene fire operations)
153.8450	153.8750	FM	.0075	Local Government Services
153.8900		FM		Fire Depts
153.9050	153.9350	FM	.0075	Local Government Services
153.9500		FM		Fire Depts
153.9650	153.9950	FM	.0075	Local Government Services
154.0100		FM		Fire Depts
154.0250	154.0550	FM	.0075	Local Government Services
154.0700		FM		Fire Depts
154.0850	154.1150	FM	.0075	Local Government Services
154.1300	154.4450	FM	.0075	Fire Depts
154.4562	154.4788	FM	.0125	Telemetry & Data Links
154.4900		FM		Special Industrial
154.5150	154.5400	FM	.015	Business
154.5700		FM		Business Itinerant
154.5850		FM		Petroleum - Oil Spill Cleanup
154.6000		FM		Business Itinerant
154.6250		FM		Business In-House Pagers
154.6350	155.1950	DATA	.0001	Animal Tracking Beacons
154.6500		FM		Police Mobile Only
154.6650	154.6950	FM	.0075	State Police
154.7100		FM		Police Mobile Only
154.7250	154.8900	FM	.0075	Police
154.9050	154.9350	FM	.0075	State Police
154.9500		FM		Police Mobile Only
154.9650	154.9950	FM	.0075	Local Government Services
155.0100		FM		Police
155.0250	155.0550	FM	.0075	Local Government Services
155.0700		FM		Police
155.0850	155.1150	FM	.0075	Local Government Services
155.1300		FM		Police
155.1450		FM		Local Government Services
155.1600	155.1750	FM	.0075	Special Emergency
155.1900		FM		Police
155.2050	155.2350	FM	.0075	Special Emergency
155.2500		FM		Police
155.2650	155.2950	FM	.0075	Special Emergency
155.3100		FM		Police
155.3250	155.3550	FM	.0075	Medical Systems
155.3700		FM		Police Inter systems
155.3850	155.4000	FM	.0075	Medical Systems
155.4150	155.7000	FM	.0075	Police
155.4150	156.2500	DATA	.0001	Animal Tracking Beacons
155.4750		FM		Nationwide Law Enforcement Inter systems / Aid
155.7150		FM		Local Government Services
155.7300		FM		Police
155.7450	155.7750	FM	.0075	Local Government Services



155.7900		FM		Police
155.8050	155.8350	FM	.0075	Local Government Services
155.8500		FM		Police
155.8650	155.8950	FM	.0075	Local Government Services
155.9100		FM		Police
155.9250	155.9550	FM	.0075	Local Government Services
155.9700		FM		Police
155.9850	156.0150	FM	.0075	Local Government Services
156.0300		FM		Police
156.0450	156.1350	FM	.0075	Highway Maintenance
156.1500		FM		Police Mobile Only
156.1650	156.1950	FM	.0075	Highway Maintenance
156.2100		FM		Police
156.2250	156.2400	FM	.0075	Highway Maintenance
156.2550		FM		Petroleum - Oil Spill Cleanup
156.2750	157.4250	FM	.0125	Marine Band VHF
156.6750	156.7250	FM	.0125	Marine Band Port Operations
156.8000		FM		Marine Band Calling Channel 16
157.0500	157.1750	FM	.0125	Marine Band US Government / USCG
157.2000	157.4250	FM	.0125	Marine Radiotelephone Mobile, w/161.800-162.000 base
157.4500		FM		Medical Pagers
157.4700	157.5150	FM	.015	Auto Towing
157.5300	157.7100	FM	.015	Taxi Mobile, w/152.270-152.450 Bases
157.7250		FM		Forest Products / Special Industrial / Taxis
157.7400		FM		Business Pagers
157.7700	158.0700	FM	.030*	Radiotelephone Mobiles
158.1000		FM		Pagers
158.1300	158.2650	FM	.0075	Power and Water Utilities
158.2800		FM		Forest Products / Petroleum / Manufacturing
158.2950		FM		Manufacturing
158.3100		FM		Forest Products / Petroleum / Manufacturing
158.3250		FM		Forest Products / Petroleum
158.3400		FM		Telephone System Maintenance
158.3550	158.3700	FM	.0075	Forest Products / Petroleum
158.3850		FM		Special Industrial
158.4000		FM		Special Industrial - Itinerant Channel
158.4150	158.4300	FM	.0075	Forest Products / Petroleum / Manufacturing
158.4450		FM		Petroleum - Oil Spill Cleanup
158.4600		FM		Business pagers
158.4900	158.6700	FM	.030*	Radiotelephone Mobiles
158.7000		FM		Pagers
158.7150	159.4650	DATA	.0001	Animal Tracking Beacons
158.7300		FM		Police
158.7450	158.7750	FM	.0075	Local Government Services
158.7900		FM		Police
158.8050	158.8350	FM	.0075	Local Government Services
158.8500		FM		Police
158.8650	158.8950	FM	.0075	Local Government Services
158.9100		FM		Police Mobile Only
158.9250	158.9550	FM	.0075	Local Government Services
158.9700		FM		Police Mobile Only
158.9850	159.0150	FM	.0075	Highway Maintenance Mobile Only
159.0300		FM		Police Mobile Only
159.0450	159.0750	FM	.0075	Highway Maintenance Mobile Only
159.0900		FM		Police
159.1050	159.1350	FM	.0075	Highway Maintenance

159.1500		FM		Police
159.1650	159.1950	FM	.0075	Highway Maintenance
159.2100		FM		Police
159.2250	159.4650	FM	.0075	Park Districts / Conservation
159.4800		FM		Petroleum - Oil Spill Cleanup
159.4950	160.2000	FM	.015	Trucks
160.2150	161.5650	FM	.015	Railroads
161.2050		FM		Rail Police Inter systems
161.5800		FM		Petroleum - Oil Spill Cleanup
161.6000		FM		Marine Band Port Operations
161.6400	161.7600	FM	.030	Remote Broadcast / Media Operations
161.8000	162.0000	FM	.025	Marine Radiotelephone Bases, w/157.200-157.400 ships
162.0000	174.0000	FM	.0125	US Government
162.4000	162.5500	FM	.025	US Government: NOAA Weather
162.6625		FM		Medical Pagers
162.7125	162.7875	FM	.0125	US Government: Justice Dept
162.8250	162.9750	FM	.0125	US Government: INS
163.0000	163.6250	FM	.0125	US Government: Mostly Military
163.2500		FM		Medical Pagers
163.6500	163.7750	FM	.0125	US Government: INS
163.8125	164.0625	FM	.0125	US Government: Justice Dept
164.1750	164.3750	FM	.0125	US Government: DOE/NRC
164.4375	164.7125	DATA	.0001	Animal Tracking Beacons
166.2500		FM		Remote Broadcast / Media Operations
166.4625		FM		US Government: Treasury Dept. Common
166.7375	167.2625	DATA	.0125	Animal Tracking Beacons
167.2000	167.8000	FM	.0125	US Government: FBI
169.4450		FM		Wireless Microphones
169.5050		FM		Wireless Microphones
170.2450		FM		Wireless Microphones
170.3050		FM		Wireless Microphones
170.5750	170.9500	FM	.0125	US Government: Justice Dept
171.1050		FM		Wireless Microphones
171.8450		FM		Wireless Microphones
171.9050		FM		Wireless Microphones
172.8250	172.9750	FM	.0125	US Government: FAA
173.2000	173.3750	FM	.0125	Media / Power & Water Telemetry
173.3875	173.6375	FM	.0125	US Government: Mostly Military
174.0000	180.0000	FM TV		Channel 7 Television
174.0000	215.2000	FM	.100	Wireless Microphones and Medical Telemetry
179.7500		FM		Channel 7 Television Audio
180.0000	186.0000	TV		Channel 8 Television
185.7500		FM		Channel 8 Television Audio
186.0000	192.0000	TV		Channel 9 Television
191.7500		FM		Channel 9 Television Audio
192.0000	198.0000	TV		Channel 10 Television
197.7500		FM		Channel 10 Television Audio
198.0000	204.0000	TV		Channel 11 Television
203.7500		FM		Channel 11 Television Audio
204.0000	210.0000	TV		Channel 12 Television
209.7500		FM		Channel 12 Television Audio
210.0000	216.0000	TV		Channel 13 Television
215.7500		FM		Channel 13 Television Audio
216.0000	216.1000	DATA		Animal Tracking Beacons
216.0125	216.4875	FM	.025	Marine Telephone, Coast, Group D Ch101-120
216.5125	216.9875	FM	.025	Marine Telephone, Coast, Group C Ch121-140

217.0125	217.4875	FM	.025	Marine Telephone, Coast, Group B Ch141-160
217.5125	217.9875	FM	.025	Marine Telephone, Coast, Group A Ch161-180
218.0125	218.4875	FM	.025	Marine Telephone, Ships, Group D Ch101-120
218.5125	218.9875	FM	.025	Marine Telephone, Ships, Group C Ch121-140
219.0125	219.4875	FM	.025	Marine Telephone, Ships, Group B Ch141-160
219.5125	219.9875	FM	.025	Marine Telephone, Ships, Group A Ch161-180
220.0025	220.0975	FM	.0025	Trunked System Outputs, .0025 Khz Channels
220.1025	220.1125	FM	.0025	Nationwide Commercial 5 Channel System Outputs
220.1275	220.1475	FM	.0025	Nationwide Commercial 5 Channel System Outputs
220.1525	220.2475	FM	.0025	Trunked System Outputs, .0025 Khz Channels
220.2525	220.2925	FM	.0025	Nationwide Non-Commercial 10 Channel System Outputs
220.3025	220.3975	FM	.0025	Trunked System Outputs, .0025 Khz Channels
220.4025	220.4225	FM	.0025	Nationwide Non-Commercial 5 Channel System Outputs
220.4275	220.4475	FM	.0025	Nationwide Non-Commercial 5 Channel System Outputs
220.4525	220.5475	FM	.0025	Trunked System Outputs, .0025 Khz Channels
220.5525	220.5975	FM	.0025	US Government Systems
220.6025	220.6975	FM	.0025	Trunked System Outputs, .0025 Khz Channels
220.7025	220.7475	FM	.0025	Nationwide Non-Commercial 10 Channel System Outputs
220.7525	220.7725	FM	.0025	Nationwide Commercial 5 Channel System Outputs
220.7775	220.7975	FM	.0025	Nationwide Commercial 5 Channel System Outputs
220.8025	220.8475	FM	.0025	Public Safety / Mutual Aid Systems
220.8525	220.8975	FM	.0025	Single Channel Systems
220.9025	220.9975	DATA	.0025	Data Systems
221.0000	222.0000	FM	.0025	Mobile Inputs to 220-221
222.0000	222.0250	CW	.001	Amateur Radio: Earth-Moon-Earth
222.0000	222.1500	MISC	.001	Amateur Radio: Weak Signals
222.0500	222.0600	CW	.001	Amateur Radio: Beacons
222.1000		CW/SSB		Amateur Radio: SSB/CW Nationwide Calling Channel
222.1500	222.2500	CW/SSB	.001	Amateur Radio: SSB/CW Operations
222.2500	222.3800	FM	.020	Amateur Radio: Repeater Inputs
222.4000	223.5200	FM	.020	Amateur Radio: Simplex Operations
223.4000		DATA		Amateur Radio: Nationwide Packet Calling Channel
223.4200		DATA		Amateur Radio: Packet & FM Simplex
223.4400		DATA		Amateur Radio: Packet & FM Simplex
223.4600		DATA		Amateur Radio: Packet & FM Simplex
223.4800		DATA		Amateur Radio: Packet & FM Simplex
223.500		FM		Amateur Radio: FM Simplex Nationwide Calling Channel
223.5200	223.6400	DATA	.020	Amateur Radio: Digital Modes
223.6400	223.7000	FM	.020	Amateur Radio: Control Links
223.7200	223.8400	MISC	.020	Amateur Radio: Misc. Modes
223.8600	224.9800	FM	.020	Amateur Radio: Repeater Outputs
225.0000	399.9750	AM	.025	US Government / Military Aviation
241.0000		AM		Common Army Aero Operations
242.4000		AM		Common Army Aero Air to Air
243.0000		AM		Emergency Guard Channel
243.8450	244.2100	MISC	.005	Fleetsat Down links
252.1000		AM		Common USAF Command Posts
255.4000		AM		USAF Flight Service Stations Nationwide
257.8000		AM		Common Civil Airport Tower UHF
259.4000		AM		Common Air National Guard Training Ops
260.3500	260.8500	MISC	.025	Fleetsat Down links
261.4500	261.9500	MISC	.025	Fleetsat Down links
262.0500	262.9500	MISC	.025	Fleetsat Down links
263.5500	264.0500	MISC	.025	Fleetsat Down links
265.2500	269.9500	MISC	.025	Fleetsat Down links
267.8000		AM		Common Air National Guard Operations Channel

275.8000		AM		Common USAF Ground Controllers
282.8000		AM		US Coast Guard Search and Rescue
303.0000		AM		Common USAF Air to Air
311.0000		AM		USAF Command Posts and Air to Air
321.0000		AM		USAF Command Posts and Air to Air
329.3000	335.3000	DATA	.300	Glide Slope Beacons
340.2000		AM		Common USN Aero Channel
342.5000		AM		Common USAF Weather Stations
344.6000		AM		Common USAF Weather Stations
348.6000		AM		Common USAF Ground Controllers
349.4000		AM		Common Air Mobility Command Bases
351.2000		AM		Common USAF Command Posts
363.8000		AM		Common USAF Air Traffic Control Radar
364.2000		AM		Common USAF Airborne Radar Controllers
381.3000		AM		Former Tactical Air Command Primary
381.8000		AM		US Coast Guard Search and Rescue
400.0000	406.0000	DATA	.025	Satellite
400.1500	403.0000	DATA	.025	Meteorological Aids and Space Research
403.0000	406.0000	DATA	.025	Meteorological Aids
404.0000	420.0000	FM	.025	US Government
406.0000	406.1000	FM		Guard Band for Emergency Beacons
407.2250	407.5750	FM	.025	US Government: Mostly Military
408.2000	408.4000	FM	.025	US Government: Border Patrol
411.2250	411.9250	FM	.025	US Government: Mostly Interior Dept
412.4250	412.5750	FM	.025	US Government: FBI
412.8250	413.5750	FM	.025	US Government: Mostly Military
413.6250	413.7750	FM	.025	US Government: Border Patrol
413.9750	414.6000	FM	.025	US Government: FBI
415.2250	415.5750	FM	.025	US Government: Mostly National Forests
418.5750	418.9750	FM	.025	US Government: Mostly DEA
419.1750	419.6000	FM	.025	US Government: FBI
420.0000	432.00	FM	.025	Amateur Radio: Misc. Modes
426.0000	432.0000	TV	.025	Amateur Radio: Amateur Television Simplex
430.0500	430.9500	DATA	.100	Amateur Radio 100Khz Wide Packet Channels
431.0250		DATA		Amateur Radio: 25 Khz Wide Packet Channel
432.0000	432.0700	CW	.001	Amateur Radio: Earth-Moon-Earth
432.0700	432.1000	CW	.001	Amateur Radio: Low Power CW Operations
432.1000		CW/SSB		Amateur Radio: SSB/CW Calling Channel
432.1000	432.1250	MISC	.001	Amateur Radio: Misc. Modes
432.1000	432.3000	MISC	.025	Amateur Radio: Misc. Modes
432.1250	432.1750	CW/SSB	.001	Amateur Radio: Satellite Up links
432.1750	433.0000	MISC	.025	Amateur Radio: Misc. Modes
432.3000	432.4000	CW	.001	Amateur Radio: Beacons
432.4000	433.3000	MISC	.025	Amateur Radio: Misc. Modes
433.0000	435.0000	FM	.025	Amateur Radio: Links
435.0000	438.0000	MISC	.025	Amateur Radio: Satellite
440.9750	441.0750	DATA	.025	Amateur Radio: 25 Khz Wide Packet Channels
441.0000	444.9875	FM	.025	Amateur Radio: Repeater Outputs
445.0000	449.9875	FM	.025	Amateur Radio: Repeater Inputs
450.0500	450.9250	FM	.0125	Remote Broadcast / Media Operations
451.0250	451.1625	FM	.0125	Power and Water Utilities
451.1750	451.1875	FM	.0125	Forest / Petro / Telephone Maint / Power & Water / Manf
451.2000		FM		Power and Water Utilities
451.2125	451.2375	FM	.0125	Forest / Petro / Telephone Maint / Power & Water / Manf
451.2500		FM		Power and Water Utilities
451.2625	451.2875	FM	.0125	Forest / Petro / Telephone Maint / Power & Water / Manf

451.3000	451.3500	FM		Telephone System Maintenance
451.3625	451.3875	FM	.0125	Forest / Petro / Telephone Maint / Power & Water / Manf
451.4000		FM		Telephone Systems Maintenance
451.4125	451.4375	FM	.0125	Forest / Petro / Telephone Maint / Power & Water / Manf
451.4500		FM		Telephone System Maintenance
451.4625	451.4875	FM	.0125	Forest / Petro / Telephone Maint / Power & Water / Manf
451.5000		FM		Telephone System Maintenance
451.5125	451.5875	FM	.0125	Forest / Petro / Telephone Maint / Power & Water / Manf
451.6000		FM		Forest Products / Petroleum
451.6125	451.6375	FM	.0125	Forest / Petro / Telephone Maint / Power & Water / Manf
451.6500		FM		Forest Products / Petroleum
451.6625	451.6875	FM	.0125	Forest / Petro / Telephone Maint / Power & Water / Manf
451.7000		FM		Forest Products / Petroleum
451.7125		FM		Forest Products / Petroleum / Special Industrial
451.7250		FM		Special Industrial
451.7375		FM		Forest Products / Petroleum / Special Industrial
451.7500		FM		Forest products / Petroleum
451.7625		FM		Forest Products / Petroleum / Special Industrial
451.7750	452.0250	FM	.0125	Special Industrial
452.0375		FM		Special Industrial / Taxi
452.0500		FM		Taxi
452.0625		FM		Special Industrial / Taxi
452.0750		FM		Special Industrial
452.0875		FM		Special Industrial / Taxi
452.1000		FM		Taxi
452.1125		FM		Special Industrial / Taxi
452.1250		FM		Special Industrial
452.1375		FM		Special Industrial / Taxi
452.1500		FM		Taxi
452.1625		FM		Special Industrial / Taxi
452.1750		FM		Special Industrial
452.1875		FM		Special Industrial / Taxi
452.2000	452.3000	FM	.0125	Taxi
452.3125		FM		Trucks / Rail / Taxi
452.3250		FM		Trucks / Rail
452.3375		FM		Trucks / Rail / Taxi
452.3500		FM		Taxi
452.3625		FM		Trucks / Rail / Taxi
452.3750		FM		Trucks / Rail
452.3875		FM		Trucks / Rail / Taxi
452.4000		FM		Taxi
452.4125		FM		Trucks / Rail / Taxi
452.4250		FM		Trucks / Rail
452.4375		FM		Trucks / Rail / Taxi
452.4500		FM		Taxi
452.4625		FM		Trucks / Rail / Taxi
452.4750		FM		Trucks / Rail
452.4875		FM		Trucks / Rail / Taxi
452.5000		FM		Taxi
452.5125		FM		Towing / Taxis
452.5250	452.6000	FM	.0125	Auto Clubs - Simplex & Low Power
452.6125		FM		Auto Clubs / Trucks
452.6250	452.7500	FM	.0125	Trucks
452.7625	452.8875	FM	.0125	Trucks / Rail
452.9000	452.9500	FM	.0125	Rail
452.9625		FM		Rail / Newspapers

452.9750	453.0000	FM	.0125	Newspapers
453.0000	453.9875	FM	.0125	Local Government / Public Safety
453.0125	453.9875	DATA	.0125	Animal Tracking Beacons
453.0250		FM		Pagers
453.1250		FM		Pagers
454.0000		FM		Petroleum - Oil Spill Cleanup
454.0250	454.6500	FM	.025	Radiotelephone Base / Pagers
454.6750		FM		Aeronautical: Radiotelephone Base Calling Channel
454.7000	454.9750	FM	.025	Aeronautical: Radiotelephone Bases
455.0500	455.9250	FM	.0125	Remote Broadcast / Media Operations
456.0000	459.9875	FM	.0125	Mobile Inputs to 451.000 to 454.9875
457.5250	457.6000	FM	.025	Business Low Power Simplex Operations
458.0125	458.9875	DATA	.0125	Animal Tracking Beacons
458.0250		FM		Medical Systems - 5 Watt
458.0750		FM		Medical Systems - 5 Watt
458.1250		FM		Medical Systems - 5 Watt
458.1750		FM		Medical Systems - 5 Watt
460.0125	460.5000	FM	.0125	Police
460.5125	460.5625	FM	.0125	Fire / Police / Special Emergency
460.5625	460.6375	DATA	.0125	Animal Tracking Beacons
460.5750	460.6375	FM	.0125	Fire Depts
460.6500	460.8875	FM	.0125	Business / Airline Companies
460.9000	461.0000	FM	.0125	Alarm Company Central Stations & Data / Business
461.0125	462.1750	FM	.0125	Business
462.1875		FM		Business / Manufacturing
462.2000	462.4500	FM	.0125	Manufacturing
462.4625	462.5250	FM	.0125	Forest / Petro / Telephone Maint / Power & Water / Manuf
462.5000		FM		Manufacturing
462.5500	462.7250	FM	.0125	General Mobile Radio Service (ØGMRSØ)
462.7500	462.9250	FM	.0125	Business / Business Pagers
462.9375	462.9875	DATA	.0125	Animal Tracking Beacons
462.9375	463.1875	FM	.0125	Medical Systems / Hospital to Ambulance
463.2000	464.9875	FM	.0125	Business
465.0000		FM		Pagers
465.0125	469.9875	FM	.0125	Mobile Inputs to 460.0125 to 464.9875
467.7500	467.9250	FM	.025	Business Low Power
467.9375	467.9875	DATA	.0125	Animal Tracking Beacons
467.9500	468.1750	FM	.0125	Medical Systems: Ambulance -to- Hospital
470.0000	476.0000	FM		Channel 14 Television
470.0125	470.2875	FM	.025	Radiotelephone Base / Pagers
470.3125	471.1375	FM	.025	Public Safety
471.1625	471.3125	FM	.025	Police
471.3375	471.4125	FM	.025	Business
471.4375	471.6375	FM	.025	Special Industrial
471.6625	472.4375	FM	.025	Business
472.4625	472.7875	FM	.025	Trucks / Rail / Busses
472.8125	472.9875	FM	.025	Forest Products / Petroleum / Manufacturing
473.0125	475.9875	FM	.025	Mobile inputs to 470.0125 to 472.9875
475.7500		FM		Channel 14 Television Audio
476.0000	482.0000	TV		Channel 15 Television
476.0125	476.2875	FM	.025	Radiotelephone Base / Pagers
476.3125	477.1375	FM	.025	Public Safety
477.1625	477.4125	FM	.025	Not Allocated (Future Police?)
477.4375	477.6375	FM	.025	Special Industrial
477.6625	478.4375	FM	.025	Business
478.4625	478.7875	FM	.025	Trucks / Rail / Busses

478.8125	478.9875	FM	.025	Forest Products / Petroleum / Manufacturing
479.0125	481.9875	FM	.025	Mobile Inputs to 476.0125 to 478.9875
481.7500		FM		Channel 15 Television Audio
482.0000	488.0000	TV		Channel 16 Television
482.0125	482.2875	FM	.025	Radiotelephone Base / Pagers
482.3125	483.1375	FM	.025	Public safety
483.1625	483.4125	FM	.025	Police
483.4375	483.6375	FM	.025	Special Industrial
483.6625	484.4375	FM	.025	Business
484.4625	484.7875	FM	.025	Trucks / Rail / Busses
484.8125	484.9875	FM	.025	Forest Products / Petroleum / Manufacturing
485.0125	487.9875	FM	.025	Mobile Inputs to 482.0125 to 484.9875
487.7500		FM		Channel 16 Television Audio
488.0000	494.0000	TV		Channel 17 Television
488.0125	488.2875	FM	.025	Radiotelephone Base / Pagers
488.3125	489.1375	FM	.025	Public Safety
489.1625	489.4125	FM	.025	Police
489.4375	489.6375	FM	.025	Special Industrial
489.6625	490.4375	FM	.025	Business
490.4625	490.7875	FM	.025	Trucks / Rail / Busses
490.8125	490.9875	FM	.025	Forest Products / Petroleum / Manufacturing
491.0125	493.9875	FM	.025	Mobile Inputs to 488.0125 to 490.9875
493.7500		FM		Channel 17 Television Audio
494.0000	500.0000	TV		Channel 18 Television
494.0125	494.2875	FM	.025	Radiotelephone Base / Pagers
494.3125	495.1375	FM	.025	Public Safety
495.1625	495.4125	FM	.025	Police
495.4375	495.6375	FM	.025	Special Industrial
495.6625	496.4375	FM	.025	Business
496.4625	496.7875	FM	.025	Trucks / Rail / Busses
496.8125	496.9875	FM	.025	Forest Products / Petroleum / Manufacturing
497.0125	499.9875	FM	.025	Mobile Inputs to 494.0125 to 496.9875
499.7500		FM		Channel 18 Television Audio
500.0000	506.0000	TV		Channel 19 Television
500.0125	500.2875	FM	.025	Radiotelephone Base / Pagers
500.3125	501.1375	FM	.025	Public Safety
501.1625	501.4125	FM	.025	Police
501.4375	501.6375	FM	.025	Special Industrial
501.6625	502.4375	FM	.025	Business
502.4625	502.7875	FM	.025	Trucks / Rail / Busses
502.8125	502.9875	FM	.025	Forest Products / Petroleum / Manufacturing
503.0125	505.9875	FM	.025	Mobile Inputs to 500.0125 to 502.9875
505.7500		FM		Channel 19 Television Audio
506.0000	512.0000	TV		Channel 20 Television
506.0125	506.2875	FM	.025	Radiotelephone Base / Pagers
506.3125	507.1375	FM	.025	Public Safety
507.1625	507.4125	FM	.025	Police
507.4375	507.6375	FM	.025	Special Industrial
507.6625	508.4375	FM	.025	Business
508.4625	508.7875	FM	.025	Trucks / Rail / Busses
508.8125	508.9875	FM	.025	Forest Products / Petroleum / Manufacturing
509.0125	511.9875	FM	.025	Mobile Inputs to 506.0125 to 508.9875
511.7500		FM	.025	Channel 20 Television Audio
512.0000	518.0000	TV / FM		Channel 21 Television / Audio Freq: 517.750
518.0000	524.0000	TV / FM		Channel 22 Television / Audio Freq: 523.750
524.0000	530.0000	TV / FM		Channel 23 Television / Audio Freq: 529.750

530.0000	536.0000	TV / FM		Channel 24 Television / Audio Freq: 535.750
536.0000	542.0000	TV / FM		Channel 25 Television / Audio Freq: 541.750
542.0000	548.0000	TV / FM		Channel 26 Television / Audio Freq: 547.750
548.0000	554.0000	TV / FM		Channel 27 Television / Audio Freq: 553.750
554.0000	560.0000	TV / FM		Channel 28 Television / Audio Freq: 559.750
560.0000	566.0000	TV / FM		Channel 29 Television / Audio Freq: 565.750
566.0000	572.0000	TV / FM		Channel 30 Television / Audio Freq: 571.750
572.0000	578.0000	TV / FM		Channel 31 Television / Audio Freq: 577.750
578.0000	584.0000	TV / FM		Channel 32 Television / Audio Freq: 583.750
584.0000	590.0000	TV / FM		Channel 33 Television / Audio Freq: 589.750
590.0000	596.0000	TV / FM		Channel 34 Television / Audio Freq: 595.750
596.0000	602.0000	TV / FM		Channel 35 Television / Audio Freq: 601.750
602.0000	608.0000	TV / FM		Channel 36 Television / Audio Freq: 607.750
608.0000	614.0000	TV / FM		Channel 37 Television / Audio Freq: 613.750
608.0000	614.0000	TV / FM		Radio Astronomy
614.0000	620.0000	TV / FM		Channel 38 Television / Audio Freq: 619.750
620.0000	626.0000	TV / FM		Channel 39 Television / Audio Freq: 625.750
626.0000	632.0000	TV / FM		Channel 40 Television / Audio Freq: 631.750
632.0000	638.0000	TV / FM		Channel 41 Television / Audio Freq: 637.750
638.0000	644.0000	TV / FM		Channel 42 Television / Audio Freq: 643.750
644.0000	650.0000	TV / FM		Channel 43 Television / Audio Freq: 649.750
650.0000	656.0000	TV / FM		Channel 44 Television / Audio Freq: 655.750
656.0000	662.0000	TV / FM		Channel 45 Television / Audio Freq: 661.750
662.0000	668.0000	TV / FM		Channel 46 Television / Audio Freq: 667.750
668.0000	674.0000	TV / FM		Channel 47 Television / Audio Freq: 673.750
674.0000	680.0000	TV / FM		Channel 48 Television / Audio Freq: 679.750
680.0000	686.0000	TV / FM		Channel 49 Television / Audio Freq: 685.750
686.0000	692.0000	TV / FM		Channel 50 Television / Audio Freq: 691.750
692.0000	698.0000	TV / FM		Channel 51 Television / Audio Freq: 697.750
698.0000	704.0000	TV / FM		Channel 52 Television / Audio Freq: 703.750
704.0000	710.0000	TV / FM		Channel 53 Television / Audio Freq: 709.750
710.0000	716.0000	TV / FM		Channel 54 Television / Audio Freq: 715.750
716.0000	722.0000	TV / FM		Channel 55 Television / Audio Freq: 721.750
722.0000	728.0000	TV / FM		Channel 56 Television / Audio Freq: 727.750
728.0000	734.0000	TV / FM		Channel 57 Television / Audio Freq: 733.750
734.0000	740.0000	TV / FM		Channel 58 Television / Audio Freq: 739.750
740.0000	746.0000	TV / FM		Channel 59 Television / Audio Freq: 745.750
746.0000	752.0000	TV / FM		Channel 60 Television / Audio Freq: 751.750
752.0000	758.0000	TV / FM		Channel 61 Television / Audio Freq: 757.750
758.0000	764.0000	TV / FM		Channel 62 Television / Audio Freq: 763.750
764.0000	770.0000	TV / FM		Channel 63 Television / Audio Freq: 769.750
770.0000	776.0000	TV / FM		Channel 64 Television / Audio Freq: 775.750
776.0000	782.0000	TV / FM		Channel 65 Television / Audio Freq: 781.750
782.0000	788.0000	TV / FM		Channel 66 Television / Audio Freq: 787.750
788.0000	794.0000	TV / FM		Channel 67 Television / Audio Freq: 793.750
794.0000	800.0000	TV / FM		Channel 68 Television / Audio Freq: 799.750
800.0000	806.0000	TV / FM		Channel 69 Television / Audio Freq: 805.750
806.0125	810.9875	FM	.025	Conventional Systems, Mobiles
811.0125	815.9875	FM	.025	Conventional and Trunked Systems, Mobiles
816.0125	820.9875	FM	.025	Trunked Systems, Mobiles
821.0125	824.9875	FM	.025	Public Safety, Mobiles
824.0100	834.3600	FM	.030	Cellular Non-Wireline Operational Mobiles
834.3900	834.9900	FM	.030	Cellular Non-Wireline Control Data Mobiles
835.0200	835.6200	FM	.030	Cellular Wireline Control Data Mobiles
835.6500	844.9800	FM	.030	Cellular Wireline Operational Mobiles
0845.010	846.4800	FM	.030	Cellular Expanded Non-Wireline Operational Mobiles



846.5100	849.0000	FM	.030	Cellular Expanded Wireline Operational Mobiles
849.0055	850.8475	FM	.006	Aeronautical: Radiotelephone Bases
851.0125	855.9875	FM	.025	Conventional Systems, Bases
854.7625	854.8375	FM	.025	Business
854.8625	854.9375	FM	.025	Industrial / Land Transportation
854.9625	854.9875	FM	.025	Public Safety
855.0125	855.0875	FM	.025	Business
855.1125	855.1875	FM	.025	Industrial / Land Transportation
855.2125	855.2375	FM	.025	Public Safety
855.2625	855.3375	FM	.025	Business
855.3625	855.4375	FM	.025	Industrial / Land Transportation
855.4625	855.4875	FM	.025	Public Safety
855.5125	855.5875	FM	.025	Business
855.6125	855.6875	FM	.025	Industrial / Land Transportation
855.7125	855.7375	FM	.025	Public Safety
855.7625	855.8375	FM	.025	Business
855.8625	855.9375	FM	.025	Industrial / Land Transportation
855.9625	855.9875	FM	.025	Public Safety
856.0125	856.1875	FM	.025	SMR'S
856.0125	860.9875	FM	.025	Conventional and Trunked Systems, Bases
856.2125	856.2625	FM	.025	Public Safety
856.2875	856.4125	FM	.025	Industrial / Land Transportation
856.4375	856.4875	FM	.025	Public Safety
856.5125	856.6875	FM	.025	SMR's
856.7125	856.7625	FM	.025	Public Safety
856.7875	856.9125	FM	.025	Business
856.9375	856.9875	FM	.025	Public Safety
857.0125	857.1875	FM	.025	SMR'S
857.2125	857.2625	FM	.025	Public Safety
857.2875	857.4125	FM	.025	Industrial / Land Transportation
857.4375	857.4875	FM	.025	Public Safety
857.5125	857.6875	FM	.025	SMR's
857.7125	857.7625	FM	.025	Public Safety
857.7875	857.9125	FM	.025	Business
857.9375	857.9875	FM	.025	Public Safety
858.0125	858.1875	FM	.025	SMR'S
858.2125	858.2625	FM	.025	Public Safety
858.2875	858.4125	FM	.025	Industrial / Land Transportation
858.4375	858.4875	FM	.025	Public Safety
858.5125	858.6875	FM	.025	SMR's
858.7125	858.7625	FM	.025	Public Safety
858.7875	858.9125	FM	.025	Business
858.9375	858.9875	FM	.025	Public Safety
859.0125	859.1875	FM	.025	SMR'S
859.2125	859.2625	FM	.025	Public Safety
859.2875	859.4125	FM	.025	Industrial / Land Transportation
859.4375	859.4875	FM	.025	Public Safety
859.5125	859.6875	FM	.025	SMR's
859.7125	859.7625	FM	.025	Public Safety
859.7875	859.9125	FM	.025	Business
859.9375	859.9875	FM	.025	Public Safety
860.0125	860.1875	FM	.025	SMR'S
860.2125	860.2625	FM	.025	Public Safety
860.2875	860.4125	FM	.025	Industrial / Land Transportation
860.4375	860.4875	FM	.025	Public Safety
860.5125	860.6875	FM	.025	SMR's

860.7125	860.7625	FM	.025	Public Safety
860.7875	860.9125	FM	.025	Business
860.9375	860.9875	FM	.025	Public Safety
861.0125	865.9875	FM	.025	Trunked Systems Bases
866.0125		FM		Public Safety: Mutual Aid Calling Channel - F1
866.0125	868.9875	FM	.0125	Public Safety Bases
866.5125		FM		Public Safety: Mutual Aid F2
867.0125		FM		Public Safety: Mutual Aid F3
867.5125		FM		Public Safety: Mutual Aid F4
868.0125		FM		Public Safety: Mutual Aid F5
869.0100	879.3600	FM	.030	Cellular Non-Wireline Operational Bases
879.3900	879.9900	FM	.030	Cellular Non-Wireline Control Data Bases
880.0200	880.6200	FM	.030	Cellular Wireline Control Data Bases
880.6500	889.9800	FM	.030	Cellular Wireline Operational Bases
890.0100	891.4800	FM	.030	Cellular Expanded Non-Wireline Operational Bases
891.5100	894.0000	FM	.030	Cellular Expanded Wireline Operational Bases
894.0055	897.8475	FM	.006	Aeronautical: Radiotelephone Mobiles
896.0000	901.0000	FM	.0125	Private Trunked Systems, Mobiles
901.0000	901.9875	FM	.0125	General Trunked Systems, Mobiles (locally assigned)
902.0000	903.0000	FM	.025	Amateur Radio: Low Power Modes
902.0000	928.0000	FM	.025	Cordless Phones / Television Low Power Relay
902.0000	928.0000	FM	.100	Radar Services (Military)
902.0000	928.0000	FM	.025	Low Power Wireless Computer Local Area Networks
902.1000		FM		Amateur Radio: Low Power Calling Channel
903.0000	906.0000	DATA	.0125	Amateur Radio: Digital Modes
903.1000		DATA		Amateur Radio: Digital Calling Channel
906.0000	909.0000	FM	.025	Amateur Radio: Repeater Outputs
909.0000	915.0000	TV	.025	Amateur Radio: Amateur Television
914.0000	917.0000	DATA		Amateur Radio 3Mhz Bandwidth Packet
915.0000	918.0000	DATA	.025	Amateur Radio: Digital Modes
918.0000	921.0000	FM	.025	Amateur Radio: Repeater Inputs
921.0000	927.0000	TV	.025	Amateur Radio: Amateur Television
927.0000	928.0000	FM	.025	Amateur Radio: FM Simplex and Links
928.0125	928.3375	FM	.0125	Alarm Central Station Data / Remote Monitoring: Inputs
928.3625	928.8375	FM	.0125	Reserved Pool
928.8625	928.9875	FM	.0125	Pagers
929.0125	929.7375	FM	.0125	Reserved Pool
929.7625	929.9875	FM	.0125	Voice Pagers
930.0125	930.9875	FM	.0125	Digital Pagers
931.0125	931.9875	FM	.0125	Pagers
932.0000	935.0000	FM	.0125	Fixed Microwave Government and Private
935.0000	940.0000	FM	.0125	Private Trunked Systems, Bases
935.0125	935.1250	FM	.0125	SMR's
935.1375	935.2500	FM	.0125	Business
935.2625	935.3750	FM	.0125	SMR's
935.3875	935.5000	FM	.0125	Industrial / Land Transportation
935.5125	935.6250	FM	.0125	SMR's
935.6375	935.7500	FM	.0125	Business
935.7625	935.8750	FM	.0125	SMR's
935.8875	936.0000	FM	.0125	Industrial / Land Transportation
936.0125	936.1250	FM	.0125	SMR's
936.1375	936.2500	FM	.0125	Business
936.2625	936.3750	FM	.0125	SMR's
936.3875	936.5000	FM	.0125	Industrial / Land Transportation
936.5125	936.6250	FM	.0125	SMR's
936.6375	936.7500	FM	.0125	Business

936.7625	936.8750	FM	.0125	SMR's
936.8875	937.0000	FM	.0125	Industrial / Land Transportation
937.0125	937.1250	FM	.0125	SMR's
937.1375	937.2500	FM	.0125	Business
937.2625	937.3750	FM	.0125	SMR's
937.3875	937.5000	FM	.0125	Industrial / Land Transportation
937.5125	937.6250	FM	.0125	SMR's
937.6375	937.7500	FM	.0125	Business
937.7625	937.875	FM	.0125	SMR's
937.8875	938.0000	FM	.0125	Industrial / Land Transportation
938.0125	938.1250	FM	.0125	SMR's
938.1375	938.2500	FM	.0125	Business
938.2625	938.3750	FM	.0125	SMR's
938.3875	938.5000	FM	.0125	Industrial / Land Transportation
938.5125	938.6250	FM	.0125	SMR's
938.6375	938.7500	FM	.0125	Business
938.7625	938.8750	FM	.0125	SMR's
938.8875	939.0000	FM	.0125	Industrial / Land Transportation
939.0125	939.1250	FM	.0125	SMR's
939.1375	939.2500	FM	.0125	Business
939.2625	939.3750	FM	.0125	SMR's
939.3875	939.5000	FM	.0125	Industrial / Land Transportation
939.5125	939.6250	FM	.0125	SMR's
939.6375	939.7500	FM	.0125	Business
939.7625	939.8750	FM	.0125	SMR's
939.8875	940.0000	FM	.0125	Industrial / Land Transportation
940.0000	940.9875	FM	.0125	General Trunked Systems, Bases (locally assigned)
941.0000	944.0000	FM	.025	Fixed Microwave Government and Private
944.0000	952.0000	FM	.125	Studio-Transmitter Microwave Links
944.0040	944.1900	FM	.006	Aeronautical: Radiotelephone
952.0000	960.0000	FM	.025	Private Fixed Microwave Carriers
952.0125	952.3375	DATA	.00625	Alarm Central Station Data / Remote Monitoring: Outputs
952.3500	953.0000	FM	.00625	Omnidirectional Private Microwave
953.0000	956.1000	FM	.050	Fixed Microwave: Private, State & Municipal
956.2625	956.4375	DATA	.01875	Fixed Point to Point Signaling and Control
956.6000	959.8000	FM	.05	Fixed Microwave: Private, State & Municipal
959.8625	959.9875	DATA	.0125	Pagers
960.0000	1215.0000	DATA	1.00	Aeronautical: Radio navigation
962.0000	1040.0000	DATA	1.00	Aeronautical: Radio navigation: Military Ground to Air
1041.0000	1087.0000	DATA	1.00	Aeronautical: Radio navigation: Civil & Military Air to Gnd
1087.0000	1215.0000	DATA	1.00	Aeronautical: Radio navigation: Military Ground to Air
1215.0000	1240.0000	DATA	1.00	Radio location / Radio navigational Satellites
1240.0000	1246.0000	TV	1.00	Amateur Radio 23Cm Band: Amateur Television
1246.0000	1248.0000	FM	.025	Amateur Radio 23Cm Band: FM Links & Duplex
1248.0000	1258.0000	DATA	.025	Amateur Radio 23Cm Band: Digital Modes
1249.0000		DATA		Amateur Radio 23Cm Band: 2Mhz Wide Packet Channel
1251.0000		DATA		Amateur Radio 23Cm Band: 2Mhz Wide Packet Channel
1252.0000	1258.0000	TV	.025	Amateur Radio 23Cm Band: Amateur Television
1258.0000	1260.0000	FM	.025	Amateur Radio 23Cm Band: FM Links & Duplex
1260.0000	1270.0000	MISC	.025	Amateur Radio 23Cm Band: Satellite Up links / ATV
1270.0000	1276.0000	FM	.025	Amateur Radio 23Cm Band: Repeater Inputs
1271.0000		MISC		Amateur Radio 23Cm Band: paired w/1283.0
1276.0000	1282.0000	TV	.025	Amateur Radio 23Cm Band: Amateur Television
1282.0000	1288.0000	FM	.025	Amateur Radio 23Cm Band: Repeater Outputs
1283.0000		MISC		Amateur Radio 23Cm Band: Paired w/1271.0
1288.0000	1294.0000	MISC	.025	Amateur Radio 23Cm Band: Experimental & ATV

1294.0000	1295.0000	FM	.025	Amateur Radio 23Cm Band: FM Simplex
1294.0250	1294.1750	DATA	.025	Amateur Radio 23Cm Band: 25 Khz Wide Packet Channels
1294.1000		DATA		Amateur Radio 23Cm Band: Packet Calling Channel
1294.5000		FM		Amateur Radio 23Cm Band: FM Simplex Calling Channel
1295.0000	1295.8000	MISC	.025	Amateur Radio 23Cm Band: SSTV, FAX, ACSB, Exp
1295.0000	1296.0000	CW	.001	Amateur Radio 23Cm Band: Earth-Moon-Earth & CW Future
1295.0000	1297.0000	MISC	.025	Amateur Radio 23Cm Band: Low Power Non-FM Modes
1296.0000	1296.0500	CW	.001	Amateur Radio 23Cm Band: Earth-Moon-Earth
1296.0700	1296.0800	CW	.001	Amateur Radio 23Cm Band: CW Beacons
1296.1000		CW/SSB		Amateur Radio 23Cm Band: CW/SSB Calling Channel
1296.4000	1296.6000	FM	.025	Amateur Radio 23Cm Band: Linear Translator Cross band
1296.8000	1297.0000	MISC	.025	Amateur Radio 23Cm Band: Experimental Beacons
1297.0000	1300.0000	DATA	.025	Amateur Radio 23Cm Band: Digital Modes
1298.0000		DATA		Amateur Radio 23Cm Band: 2Mhz Wide Packet Channel
1299.0500	1299.95	DATA	.100	Amateur Radio 23Cm Band: 100Khz Wide Packet Channels
1300.0000	1350.0000	DATA	1.00	Aeronautical: Radio navigation