

Office of Telecommunication
Belize City
April. 2002.

BELIZE
NATIONAL FREQUENCY SPECTRUM
BAND ALLOCATION PLAN – (PUBLIC)

The Allocations confirm with the International Telecommunication Union's Radio Regulations, Recommendations of the Inter-American Commission for Telecommunication - CITEL and the National Frequency Plan of Belize.

Frequency assignments are mandatory prior to purchase and use of equipment and are done by the Office of Telecommunications.

Interests or queries of Bands listed or not listed should be made at the Office of Telecommunications.

| FREQUENCY BANDS – MHZ | SERVICE AND REMARKS |
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| 0 - 0.535 | In accordance with I.T.U. Radio Regulations. Non Directional Radio Beacon on 0.392 MHZ. |
| 0.535 - 1.605 | Broadcasting – Medium Frequency |
| 1.605 - 1.625 | Broadcasting (RdJ88) |
| 1.625 - 1.800 | Fixed, Mobile and Aeronautical Radio Navigation on a Primary Basis |

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| 1.800 | - | 1.900 | Amateur |
| 1.900 | - | 2.000 | Radio Location and Radio Navigation |
| 2.000 | - | 2.170 | Fixed and Mobile - Reserved |
| 2.107 | - | 2.170 | Fixed and Mobile |
| 2.170 | - | 2.190 | Maritime Mobile – Distress and Calling On 2.182 MHZ. |
| 2.190 | - | 2.194 | Maritime Mobile. |
| 2.194 | - | 2.495 | Fixed and Mobile - Reserved |
| 2.495 | - | 2.505 | Standard Frequency and Time Signal operating on 2.500 MHZ. |
| 2.505 | - | 3.025 | Fixed and Mobile |
| 3.025 | - | 3.155 | Aeronautical Mobile. |
| 3.155 | - | 3.400 | Fixed and Mobile - Reserved |
| 3.400 | - | 3.500 | Aeronautical Mobile. |
| 3.500 | - | 3.750 | Amateur – 3.5 MHZ to be used in the event of Natural Disaster. |
| 3.750 | - | 4.000 | Amateur - Shared with Fixed and Land Mobile. |
| 4.000 | - | 4.438 | Maritime Mobile – 4.1775 MHZ Distress Frequency. |
| 4.438 | - | 4.650 | Fixed and Land Mobile. Reserved |

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| 4.650 | - | 4.750 | Aeronautical Mobile. |
| 4.750 | - | 4.995 | Fixed and Mobile. Reserved |
| 4.995 | - | 5.005 | Standard frequency and Time Signal on 5.000 MHZ. |
| 5.005 | - | 5.450 | Fixed and Land Mobile. |
| 5.450 | - | 5.730 | Aeronautical Mobile. |
| 5.730 | - | 5.950 | Fixed and Mobile - Reserved. |
| 5.950 | - | 6.200 | Broadcasting |
| 6.200 | - | 6.525 | Maritime Mobile. 6.268 MHZ and 6.312 MHZ are Distress Frequencies. |
| 6.525 | - | 6.765 | Aeronautical Mobile. |
| 6.765 | - | 7.000 | Fixed and Mobile - Reserved |
| 7.000 | - | 7.100 | Amateur and Amateur Satellite. 7.0 MHZ to be used in the event of Natural Disaster. |
| 7.100 | - | 7.300 | Amateur. |
| 7.300 | - | 8.100 | Fixed and Land Mobile |
| 8.100 | - | 8.195 | Fixed and Mobile - Reserved |
| 8.195 | - | 8.815 | Maritime Mobile |
| 8.815 | - | 9.000 | Fixed and Land Mobile. |
| 9.000 | - | 9.500 | Fixed and Mobile - Reserved |

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| 9.500 | - | 9.900 | Broadcasting. |
| 9.900 | - | 9.995 | Fixed and Mobile – Reserved. |
| 9.995 | - | 10.003 | Standard Frequency and Time Signal on 10.000 MHZ. |
| 10.003 | - | 10.100 | Fixed and Mobile – Reserved. |
| 10.100 | - | 10.150 | Amateur. 10.1 MHZ to be used in the event of Natural Disaster. |
| 10.150 | - | 11.175 | Fixed and Mobile – Reserved. |
| 11.175 | - | 11.400 | Aeronautical Mobile. |
| 11.400 | - | 11.650 | Fixed and Mobile – Reserved |
| 11.650 | - | 12.050 | Broadcasting. |
| 12.050 | - | 12.230 | Fixed and Mobile - Reserved. |
| 12.230 | - | 13.200 | Maritime Mobile. |
| 13.200 | - | 13.260 | Aeronautical Mobile. |
| 13.260 | - | 13.600 | Fixed and Mobile – Reserved. |
| 13.600 | - | 13.800 | Broadcasting. |
| 13.800 | - | 14.000 | Fixed and Land Mobile |
| 14.000 | - | 14.350 | Amateur and Amateur Satellite. The Frequency 14.000 MHZ shall Be used in the event of Natural Disasters. |
| 14.350 | - | 14.800 | Fixed and Mobile – Reserved. |
| 14.800 | - | 14.990 | Fixed and Land Mobile |

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| 14.990 | - | 15.0110 | Standard Frequency and Time Signal on 15.000 MHZ. |
| 15.010 | - | 15.100 | Fixed and Land Mobile |
| 15.100 | - | 15.600 | Broadcasting. |
| 15.600 | - | 16.360 | Fixed and Mobile – Reserved. |
| 16.360 | - | 17.410 | Maritime Mobile. |
| 17.410 | - | 17.550 | Fixed and Mobile – Reserved. |
| 17.550 | - | 17.900 | Broadcasting. |
| 17.900 | - | 18.030 | Aeronautical Mobile. |
| 18.030 | - | 18.068 | Fixed and Land Mobile |
| 18.068 | - | 18.168 | Amateur and Amateur Satellite. |
| 18.168 | - | 18.780 | Fixed and Mobile – Reserved. |
| 18.780 | - | 18.900 | Maritime Mobile. |
| 18.900 | - | 19.680 | Fixed and Mobile – Reserved. |
| 19.680 | - | 19.800 | Maritime Mobile. |
| 19.800 | - | 19.990 | Fixed and Mobile – Reserved. |
| 19.990 | - | 20.010 | Standard Time and Frequency on 20.000 MHZ. |
| 20.010 | - | 21.000 | Fixed and Land Mobile |
| 21.000 | - | 21.450 | Amateur and Amateur Satellite. The Frequency 21.000 MHZ shall be used in the event of Natural |

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| | | Disaster. |
| 21.450 | - 21.850 | Broadcasting. |
| 21.850 | - 21.870 | Fixed and Land Mobile. |
| 21.870 | - 22.000 | Aeronautical Service. |
| 22.000 | - 22.855 | Maritime Mobile. |
| 22.855 | - 23.200 | Fixed and Land Mobile |
| 23.200 | - 23.350 | Aeronautical Service. |
| 23.350 | - 24.890 | Fixed and Land Mobile |
| 24.890 | - 24.990 | Amateur and Amateur Satellite. 24.890 MHZ to be used in the event of Natural Disaster. |
| 24.990 | - 25.010 | Standard Time and Frequency on 25.000 MHZ. |
| 25.010 | - 25.070 | Fixed and Land Mobile |
| 25.070 | - 25.210 | Maritime Mobile. |
| 25.210 | - 25.670 | Fixed and Land Mobile |
| 25.670 | - 26.100 | Broadcasting. |
| 26.100 | - 26.175 | Maritime Mobile. |
| 26.175 | - 26.960 | Radio paging, alarm, remote control telemetry and wireless microphone.. |
| 26.960 | - 27.410 | Citizen band shared on a secondary basis with Industrial, Scientific and Medical Apparatus. |

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| | | 10 KHZ separation from 26.965 to 27.405 MHZ. |
| 27.410 | - 28.000 | Fixed and Mobile. Channel spacing 10 KHZ. Lowest channel – 27.415 MHZ. Highest channel – 27.995 MHZ. |
| 28.000 | - 29.700 | Amateur and Amateur Satellite. |
| 29.700 | - 30.005 | Fixed and Mobile |
| 30.010 | - 30.295 | Remote control and telemetry. Remote control 10 KHZ channel spacing 30.020 – 30.270. Telemetry 30.200 – 30.290. |
| 30.295 | - 35.025 | Fixed and Mobile - Reserved. |
| 35.025 | - 40.660 | Fixed and Mobile - Reserved Tele metering on a secondary basis. |
| 40.660 | - 40.700 | Industrial Scientific and Medical (ISM) applications (Center frequency 40.680) and remote control channels 40.665, 40.675, 40.685, 40.695. |
| 40.700 | - 43.000 | Fixed Mobile - Reserved |
| 43.000 | - 50.000 | Fixed and Land Mobile. Cordless telephones on a secondary basis. |
| 50.000 | - 54.000 | Amateur. |
| 54.000 | - 72.000 | Broadcasting. T.V. channels 2 – 4. |

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| 72.000 | - | 73.000 | Fixed and Land Mobile. |
| 73.000 | - | 74.600 | Radio Astronomy. No interference shall be caused to this service. |
| 74.600 | - | 75.400 | Guardband for aeronautical marker beacon. The frequency 75 MHz is assigned to this service. No assignments shall be made in this band. |
| 75.400 | - | 76.000 | Fixed and Land Mobile. |
| 76.000 | - | 88.000 | Broadcasting – TV Channels 5 and 6. |
| 88.000 | - | 108.000 | Broadcasting – FM service. |
| 108.000 | - | 117.975 | Aeronautical Radio Navigation. |
| 117.975 | - | 137.000 | Aeronautical Mobile. Emergency Frequency 121.500 MHz and Auxiliary Emergency Frequency 123.100 MHz. |
| 137.000 | - | 138.000 | Meteorological Satellites. Space Operation and Research. |
| 138.000 | - | 144.000 | Fixed and Land Mobile |
| 144.000 | - | 146.000 | Amateur and Amateur Satellite. 144.000 MHz to be used in the event of Natural Disaster. |
| 146.000 | - | 149.900 | Fixed and Land Mobile. |
| 149.900 | - | 150.050 | Radio Navigation and Satellite. On a Primary Basis |
| 150.050 | - | 150.475 | Fixed and Land Mobile |
| 150.475 | - | 150.725 | Fixed and Land Mobile |

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| | Reserved |
| 150.725 - 150.775 | Government – Reserved for Emergency Frequency on 150.750 MHz for Disaster Management. |
| 150.800 - 151.925 | Fixed and Land Mobile Reserved. |
| 151.925 - 156.000 | Fixed and Land Mobile |
| 156.000 - 156.350 | Maritime Mobile Channels 1-7 Maritime Mobile Channels 60-66 Duplex to 160.600 – 160.950 Ship transmitter. |
| 156.350 - 156.750 | Maritime Fixed and Mobile between Coast Stations. Simplex Channels 8-15 and 67-74 Intership, Port Operations and Ship Movements. |
| 156.750 - 156.850 | Maritime Mobile Channel 16 (156.800 MHz) Guardband. Emergency and Calling channel. |
| 156.850 - 156.875 | Maritime Mobile Simplex channels 17 and 77 for Intership and Port Operations. |
| 156.875 - 157.425 | Maritime Mobile. Duplex to 161.500 – 162.025. Ship transmitter. Channels 18-28 and 78-88 Public correspondence and two Frequency Port Operation and Ship Movements. |
| 157.425 - 157.950 | Simplex for Mobile and Fixed. Priority is given to combined Land |

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| 157.950 - 160.300 | Mobile, Maritime Mobile and Fixed Services between Coast Stations. Channel Division 25 kHz from 157.450 – 157.950. Fixed Service - Reserved |
| 160.300 - 160.600 | Fixed and Land Mobile |
| 160.600 - 160.950 | Maritime Mobile Duplex to 156.000 – 156.350 Coast Transmitters. |
| 160.950 - 161.500 | Fixed Service – Reserved |
| 161.500 - 162.025 | Maritime Mobile Duplex to 156.875 – 157.425 Coast Station Transmitters. |
| 162.025 - 162.900 | Fixed and Land Mobile Reserved |
| 162.900 - 163.750 | Fixed Service - Reserved |
| 163.750 - 167.025 | Fixed and Mobile – Reserved. |
| 167.025 - 167.575 | Fixed Service – Reserved |
| 167.575 - 168.150 | Fixed and Land Mobile Reserved. |
| 168.150 - 169.000 | Fixed Service – Reserved |
| 169.000 - 169.800 | Fixed and Land Mobile – Reserved |
| 169.800 - 172.150 | Fixed Service - Reserved |
| 172.150 - 174.000 | Fixed and Land Mobile Reserved. |
| 174.000 - 216.000 | Television Broadcasting |

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| | V.H.F. Channels 7 to 13. |
| 216.000 - 220.000 | Fixed and Land Mobile. |
| 220.000 - 225.000 | Fixed, Mobile and Amateur |
| 225.000 - 235.000 | Fixed and Mobile. Studio Transmitter Link. Channel division 200 KHZ. |
| 235.000 - 242.950 | Fixed and Land Mobile – Reserved |
| 242.950 - 243.050 | Guardband for emergency position indicating radio beacons. 243.000 MHz is distress calling frequency. |
| 243.050 - 328.600 | Fixed and Mobile |
| 328.600 - 335.400 | Aeronautical Radionavigation I.L.S. Glide Path Transmitters |
| 339.900 - 400.050 | Radionavigation – Satellite |
| 400.050 - 400.150 | Standard Frequency and Time Signal Satellite (400.100MHZ) |
| 400.150 - 406.000 | Meteorological Aids. |
| 406.000 - 414.600 | Fixed Service - Reserved |
| 414.600 - 416.500 | Fixed and Mobile |
| 416.500 - 422.000 | Fixed Service Reserved |
| 422.000 - 424.000 | Fixed, Mobile and Radio Location |
| 424.000 - 428.000 | Fixed Service – Reserved |
| 428.000 - 429.500 | Fixed and Mobile. |

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| 429.500 - 437.500 | Fixed Service - Reserved |
| 437.500 - 440.000 | Radio location and Amateur Services. Amateur Service shares The band on a secondary basis |
| 440.000 - 448.500 | Fixed Service - Reserved |
| 448.500 - 450.000 | Land Mobile Service. Mobile Transmitters. |
| 450.000 - 452.000 | Land Mobile Service. Duplex to 460.000 – 462.000 MHZ. |
| 452.000 - 456.000 | Fixed Service – Reserved |
| 456.000 - 460.000 | Fixed Service. Duplex to 466.000 – 470.000 MHZ. |
| 460.000 - 462.000 | Land Mobile Service. Base Transmitters, duplex to 450.000 – 452.000 MHZ. |
| 462.000 - 462.250 | Fixed and Land Mobile |
| 462.250 - 463.000 | Reserved |
| 463.000 - 463.500 | Fixed and Land Mobile |
| 463.500 - 466.000 | Fixed Service - Reserved |
| 466.000 - 470.000 | Fixed Service. Duplex to 456.000 – 460.000 MHZ. |
| 470.000 - 512.000 | Broadcasting – U.H.F. T.V. Channels 14 – 20. |
| 512.000 - 608.000 | Broadcasting – U.H.F Channels 21 – 36. |

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| 608.000 - 614.000 | Radio Astronomy – Protection shall be afforded to this radio service. |
| 614.000 - 806.000 | Broadcasting – UHF Channels 38 –69. |
| 806.000 - 821.000 | Trunked Mobile Radio. |
| 821.000 - 825.000 | Fixed and Mobile. – Reserved. |
| 825.000 - 845.000 (825.000 - 835.000) (835.000 - 845.000) | Cellular Radio Systems. (A Band) (B Band) |
| 845.000 - 851.000 | Fixed and Mobile |
| 851.000 - 866.000 | Trunk Mobile Radio. |
| 866.000 - 870.000 | Fixed and Mobile |
| 870.00 - 890.000 (870.000 - 880.000) (880.000 - 890.000) | Cellular Radio System. (A Band) (B Band) |
| 890.000 - 902.000 | Fixed and Mobile Aeronautical Radio and Microwave Security Services. |
| 902.000 - 908.000 | Fixed Aeronautical - Reserved |
| 908.000 - 920.000 | Reserved. |
| 920.000 - 925.000 | Fixed Service – Reserved |
| 925.000 - 930.000 | Fixed Service - Reserved. |
| 930.000 - 935.000 | Fixed Service – Reserved |
| 935.000 - 940.000 | Reserved. |
| 940.000 - 945.000 | Fixed Service - Reserved |

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| 945.000 - 960.000 | Aeronautical Radio Navigation. |
| 960.000 - 965.000 | Fixed Service – Reserved |
| 965.000 - 1215.000 | Aeronautical Radio Navigation. |
| 1215.000 - 1300.000 | Radio location. – Radio Navigation – Satellite. |
| 1300.000 - 1350.000 | Aeronautical Radio Navigation. |
| 1350.000 - 1400.000 | Radio location. |
| 1400.000 - 1427.000 | Radio Astronomy – Earth Exploration - Satellite. |
| 1427.000 - 1438.000 | Fixed and Mobile |
| 1438.000 - 1445.000 | Aeronautical Radio Navigation. |
| 1445.000 - 1500.000 | Fixed and Mobile |
| 1500.000 - 1515.000 | Aeronautical Radio Navigation. |
| 1515.000 - 1525.000 | Fixed and Mobile |
| 1525.000 - 1545.000 | Fixed Mobile Satellite <i>s-e</i> |
| 1545.000 - 1555.000 | Aeronautical Mobile Satellite <i>s-e</i> |
| 1555.000 - 1559.000 | Land Mobile Satellite <i>s-e</i> |
| 1559.000 - 1610.000 | Aeronautical Radionavigation Radionavigation Satellite <i>s-e</i> |

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| 1610.000 - 1626.500 | Mobile Satellite e - s |
| 1626.500 - 1670.000 | Land Maritime and Aeronautical Mobile Satellite e - s |
| 1670.000 - 1710.000 | Meteorological Aids e - s Meteorological Satellites s - e |
| 1710.000 - 1850.000 | Fixed Services - Reserved. |
| 1850.000 - 1880.000 | Low Mobility PCS – Reserved (Bands A B D) |
| 1880.000 - 1885.000 | Government - Reserved |
| 1885.000 - 1910.000 | Low Mobility PCS - Reserved (Bands C E F) |
| 1910.000 - 1930.000 | Fixed Wireless Access – Reserved |
| 1930.000 - 1960.000 | Low Mobility PCS - Reserved (Bands A B D) |
| 1960 .000 - 1965.000 | Government - Reserved |
| 1965.000 - 1990.000 | Low Mobility PCS - Reserved (Bands C E F) |
| 1990.000 - 2010.000 | Fixed and Mobile Satellite e – s |
| 2010.000 - 2100.000 | Fixed Services - Reserved |
| 2100.000 - 2170.000 | Reserved |
| 2170.000 - 2200.000 | Fixed and Mobile Satellite s – e |
| 2200.000 - 2250.000 | Fixed and Mobile |
| 2250.000 - 2300.00 | Government – Reserved |

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| 2300.000 - 2304.000 | Fixed WLL - Reserved |
| 2304.000 - 2310.000 | Fixed and Mobile |
| 2310.000 - 2330.000 | Fixed WLL – Reserved |
| 2330.000 - 2380.000 | Fixed Service |
| 2380.000 - 2400.000 | Fixed WLL – Reserved |
| 2400.000 - 2430.00 | Fixed Service |
| 2430.000 - 2483.500 | Fixed Service – Reserved |
| 2483.500 - 2500.000 | Fixed and Mobile Satellite s – e |
| 2500.000 - 2700.000 | Fixed Service - Reserved |
| 2700.000 - 3100.000 | Government - Reserved. |
| 3100.000 - 3300.000 | Radio Location |
| 3300.000 - 3400.000 | Radio Location, Amateur, fixed and Mobile |
| 3400.000 - 3500.000 | Fixed Service - Reserved Fixed Satellite s – e |
| 3500.000 - 3700.000 | Reserved - Fixed Service Fixed Satellite s – e |
| 3700.00 - 4200.000 | Fixed Service Fixed and Satellite s – e |
| 4200.000 - 4400.000 | Aeronautical Radio Navigation |
| 4400.000 - 4500.000 | Fixed and Mobile |
| 4500.000 - 4800.000 | Fixed and Mobile Fixed Satellite s - e |

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| 4800.000 - 5725.000 | Reserved. In accordance with ITU Radio Regulations/CITEL Americas Regional Plan. |
| 5725.000 - 5850.000 | Fixed and Mobile – Reserved |
| 5850.000 - 5925.000 | Fixed and Mobile Service Fixed Satellite Service e - s |
| 5925.000 - 6300.000 | Fixed Service Fixed Satellite Service e - s |
| 6300.000 - 7100.000 | Fixed Service Reserved Fixed Satellite e - s |
| 7100.000 - 7125.000 | Fixed and Mobile Service |
| 7125.000 - 7425.000 | Fixed Service - Reserved |
| 7425.000 - 7725.000 | Fixed Service - Reserved |
| 7725.000 - 7750.000 | Fixed and Mobile Service Fixed Satellite e - s |
| 7750.000 - 7900.000 | Fixed and Mobile Service |
| 7900.000 - 8025.000 | Fixed Service Fixed Satellite e - s |

(GHZ)

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| 8.025 - | In accordance with ITU Radio Regulation/CITEL Americas Regional Plan. |
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