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| J - Japan |
| **Centralizing office** | **Postal address** | **Telephone, Telefax, Electronic-mail** | **Remarks** |
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| Telecommunications BureauMinistry of Internal Affairs and Communications | Director GeneralTelecommunications BureauMinistry of Internal Affairs and Communications1-2, Kasumigaseki 2-chomeChiyoda-ku100-8926 Tokyo | PHONE: +81 3 52535911TELEFAX: +81 3 52535915EMAIL: kanshikokusai@ml.soumu.go.jp |  |
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Stations in the Terrestrial radiocommunication services

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| **Name of the station** | **Postal address** | **Telephone, Telefax, Electronic-mail** |
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| **Aso** | 10-1, Kasuga 2-Chome Nishi-kuKumamoto-CityKumamoto 860-8795Japan | PHONE: +81 96 3128262 |

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| **Geographical coordinates** | **Types of measurements** | **Ranges of frequencies for each measurement** | **Hours of service (UTC)** | **Remarks** |
| 33°01'25"N131°02'50"E | Direction-finding measurements   | 300 kHz - 30 MHz   | 2330-0815   | Monday to Friday.Geographical co-ordinates of the station indicate the location of the antenna.Crossed loop antenna.   |

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| **Name of the station** | **Postal address** | **Telephone, Telefax, Electronic-mail** |
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| **Chitose** | 1-1 Nishi 2-ChomeKita-Hachijo Kita-KuSapporo-CityHokkaido 060-8795Japan | PHONE: +81 11 7092311 |

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| **Geographical coordinates** | **Types of measurements** | **Ranges of frequencies for each measurement** | **Hours of service (UTC)** | **Remarks** |
| 42°53'38"N141°40'24"E | Direction-finding measurements   | 300 kHz - 30 MHz   | 2330-0815   | Monday to Friday.Geographical co-ordinates of the station indicate the location of the antenna.Crossed loop antenna.   |

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| **Name of the station** | **Postal address** | **Telephone, Telefax, Electronic-mail** |
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| **Ishigaki** | 1-9, Asahi-MachiNaha-CityOkinawa 900-8795Japan | PHONE: +81 98 8652309 |

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| **Geographical coordinates** | **Types of measurements** | **Ranges of frequencies for each measurement** | **Hours of service (UTC)** | **Remarks** |
| 24°22'19"N124°13'51"E | Direction-finding measurements   | 300 kHz - 30 MHz   | 2330-0815   | Monday to Friday.Geographical co-ordinates of the station indicate the location of the antenna.Crossed loop antenna.   |

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| **Name of the station** | **Postal address** | **Telephone, Telefax, Electronic-mail** |
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| **Suzu** | 2-60, Hirosaka 2-ChomeKanazawa-CityIshikawa 920-8795Japan | PHONE: +81 76 2334442 |

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| **Geographical coordinates** | **Types of measurements** | **Ranges of frequencies for each measurement** | **Hours of service (UTC)** | **Remarks** |
| 37°26'52"N137°13'03"E | Direction-finding measurements   | 300 kHz - 30 MHz   | 2330-0815   | Monday to Friday.Geographical co-ordinates of the station indicate the location of the antenna.Crossed loop antenna.   |

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| **Name of the station** | **Postal address** | **Telephone, Telefax, Electronic-mail** |
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| **Tokyo (IMS)** | 1691, KoenboHassemachiMiura-CityKanagawa 238-0015Japan | PHONE: +81 46 8882182TELEFAX: +81 46 8871077 |

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| **Geographical coordinates** | **Types of measurements** | **Ranges of frequencies for each measurement** | **Hours of service (UTC)** | **Remarks** |
| 35°12'24"N139°39'03"E | Frequency measurements   | 90 kHz - 30 MHz   | 2330-1145   | Monday to Friday.   |
| 35°12'24"N139°39'03"E | Bandwidth measurements   | 90 kHz - 30 MHz   | 2330-1145   | Monday to Friday.   |
| 35°12'24"N139°39'03"E | Automatic spectrum occupancy surveys   | 90 kHz - 30 MHz   | 2330-1145   | Monday to Friday.   |
| 35°12'24"N139°39'03"E | Field strength or power flux-density measurements   | 300 kHz - 30 MHz   | 2330-1145   | Monday to Friday.Minimum values of measurable field strength show those obtained where external noise is neglected.   |
| 35°34'07"N140°24'36"E | Direction-finding measurements   | 300 kHz - 30 MHz   | 2330-1145   | Monday to Friday.Geographical co-ordinates of the station indicate the location of the antenna.Crossed loop antenna.   |

Stations in the Space radiocommunication services

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| **Name of the station** | **Postal address** | **Telephone, Telefax, Electronic-mail** |
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| **Tokyo (IMS)** | 1691, KoenboHassemachiMiura-CityKanagawa 238-0015Japan | PHONE: +81 46 8882182TELEFAX: +81 46 8871077 |

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| **1. Geographical coordinates** |
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| 35°12'24"N  |
| 139°39'03"E  |

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| **2. Hours of service** |
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| 2330-0815 h from Monday to Friday   |

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| **3. Information on antennas in use** |
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| 13 m Cassegrain antenna for frequency ranges (a), (b), (d), (e).7.6 m Gregorian antenna for frequency range (c). |

 |
| **4. Range of azimuth and elevation angles** |
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| 180°, 90°   |

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| **5. Maximum attainable accuracy in determining orbital positions of space stations** |
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| (a) L band: 0.030° rms(b) S band: 0.023° rms(c) C band: 0.021° rms(d) Ku band: 0.010° rms(e) Ka band: 0.010° rmsAccuracy in antenna pointing direction.   |

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| **6. Information on system polarization** |
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| Polarization tracking in all frequency ranges:- Circular polarization (RHC, LHC), and- Linear polarization (V, H).   |

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| **7. System noise temperature** |
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| (a) L band: 171.2 K(b) S band: 64.5 K(c) C band: 62.4 K(d) Ku band: 152.4 K(e) Ka band: 237.4 K   |

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| **8. Ranges of frequencies with the maximum attainable accuracy of frequency measurement for each frequency range** |
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| (a) L band: 1525 MHz - 1710 MHz(b) S band: 2120 MHz - 2690 MHz(c) C band: 3400 MHz - 4200 MHz(d) Ku band: 10.7 GHz - 12.75 GHz(e) Ka band: 17.7 GHz - 22 GHzSweep method: 10% of sweep span (C/N ≥ 15 dB).Counter method: 1 × 10-6 (C/N ≥ 15 dB).   |

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| **9. Ranges of frequencies in which field strength or power flux-density measurements can be performed** |
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| (a) L band: 1525 MHz - 1710 MHz(b) S band: 2120 MHz - 2690 MHz(c) C band: 3400 MHz - 4200 MHz(d) Ku band: 10.7 GHz - 12.75 GHz(e) Ka band: 17.7 GHz - 22 GHz   |

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| **10. Minimum value of measurable field strength or power flux-density with indication of attainable accuracy of measurement** |
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| (a) L band: -157.1 dBm ~ -121.9 dBm ± 1 dB(b) S band: -165.7 dBm ~ -126.8 dBm ± 1 dB(c) C band: -178.2 dBm ~ -111.0 dBm ± 1 dB(d) Ku band: -172.2 dBm ~ -121.1 dBm ± 1 dB(e) Ka band: -152.1 dBm ~ -120.4 dBm ± 1 dB   |

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| **11. Information available for bandwidth measurements** |
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| Bandwidth measurements in accordance with the methods described in the Spectrum Monitoring Handbook.   |

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| **12. Information available for spectrum occupancy measurements** |
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| Time and frequency of the signal from the satellite are graphically displayed on the spectrum monitor terminal.   |

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| **13. Information available for orbit occupancy measurements** |
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| Automatic orbital location measurements are carried out and the transition records of orbital locations are graphically displayed on the monitor terminal.   |

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