

# AMENDMENTS TO SERVICE PUBLICATIONS

## Abbreviations used

<b>ADD</b>	Insert	<b>PAR</b>	paragraph
<b>COL</b>	Column	<b>REP</b>	replace
<b>LIR</b>	Read	<b>SUP</b>	Delete
<b>P</b>	page(s)		

**List of International  
Monitoring Stations  
(List VIII)  
Edition of 2013**

(Amendment No. 8)

**PART I**

**STATIONS IN THE TERRESTRIAL RADIOCOMMUNICATION SERVICES**

**J Japan**

**P 203-207 REP**

<b>J - Japan</b>			
<b>Centralizing office</b>	<b>Postal address</b>	<b>Telephone, Telefax, Electronic-mail</b>	<b>Remarks</b>
Telecommunications Bureau Ministry of Internal Affairs and Communications	Director General Telecommunications Bureau Ministry of Internal Affairs and Communications 1-2, Kasumigaseki 2-chome Chiyoda-ku 100-8926 Tokyo	TF : +81 3 52535911 FAX : +81 3 52535915	

<b>Name of the station</b>	<b>Postal address</b>	<b>Telephone, Telefax, Electronic-mail</b>
Aso	10-1, Kasuga 2-Chome Nishi-ku Kumamoto-City Kumamoto 860-8795 Japan	TF : +81 96 3128262

<b>Geographical coordinates</b>	<b>Types of measurements</b>	<b>Ranges of frequencies for each measurement</b>	<b>Hours of service</b>	<b>Remarks</b>
33°01'25"N 131°02'50"E	Direction-finding measurements	300 kHz - 30 MHz	2330-0815	Monday to Friday. <hr/> Geographical co-ordinates of the station indicate the location of the antenna. <hr/> Crossed loop antenna.

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J Japan (cont.)

Name of the station	Postal address	Telephone, Telefax, Electronic-mail
Chitose	1-1 Nishi 2-Chome Kita-Hachijo Kita-Ku Sapporo-City Hokkaido 060-8795 Japan	TF : +81 11 7092311

Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service	Remarks
42°53'38"N 141°40'24"E	Direction-finding measurements	300 kHz - 30 MHz	2330-0815	Monday to Friday. <hr/> Geographical co-ordinates of the station indicate the location of the antenna. <hr/> Crossed loop antenna.

Name of the station	Postal address	Telephone, Telefax, Electronic-mail
Ishigaki	1-9, Asahi-Machi Naha-City Okinawa 900-8795 Japan	TF : +81 98 8652309

Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service	Remarks
24°22'19"N 124°13'51"E	Direction-finding measurements	300 kHz - 30 MHz	2330-0815	Monday to Friday. <hr/> Geographical co-ordinates of the station indicate the location of the antenna. <hr/> Crossed loop antenna.

Name of the station	Postal address	Telephone, Telefax, Electronic-mail
Suzu	2-60, Hirosaka 2-Chome Kanazawa-City Ishikawa 920-8795 Japan	TF : +81 76 2334442

Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service	Remarks
37°26'52"N 137°13'03"E	Direction-finding measurements	300 kHz - 30 MHz	2330-0815	Monday to Friday. <hr/> Geographical co-ordinates of the station indicate the location of the antenna. <hr/> Crossed loop antenna.

(cont.)

J Japan (cont.)

Name of the station	Postal address	Telephone, Telefax, Electronic-mail		
Tokyo (IMS)	1691, Koenbo Hassemachi Miura-City Kanagawa 238-0015 Japan	TF : +81 46 8882182 FAX : +81 46 8871077		
Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service	Remarks
35°12'24"N 139°39'03"E	Frequency measurements	90 kHz - 30 MHz	2330-1145	Monday to Friday.
35°12'24"N 139°39'03"E	Field strength or power flux-density measurements	300 kHz - 30 MHz	2330-1145	Monday to Friday. <hr/> Minimum values of measurable field strength show those obtained where external noise is neglected.
35°34'07"N 140°24'36"E	Direction-finding measurements	300 kHz - 30 MHz	2330-1145	Monday to Friday. <hr/> Geographical co-ordinates of the station indicate the location of the antenna. <hr/> Crossed loop antenna.
35°12'24"N 139°39'03"E	Bandwidth measurements	90 kHz - 30 MHz	2330-1145	Monday to Friday.
35°12'24"N 139°39'03"E	Automatic spectrum occupancy surveys	90 kHz - 30 MHz	2330-1145	Monday to Friday.

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**PART II**  
**STATIONS IN THE SPACE RADIOCOMMUNICATION SERVICES**

J Japan

P 448-450 REP

J - Japan			
Centralizing office	Postal address	Telephone, Telefax, Electronic-mail	Remarks
Telecommunications Bureau Ministry of Internal Affairs and Communications	Director General Telecommunications Bureau Ministry of Internal Affairs and Communications 1-2, Kasumigaseki 2-chome Chiyoda-ku 100-8926 Tokyo	TF : +81 3 52535911 FAX : +81 3 52535915	

Name of the station	Postal address	Telephone, Telefax, Electronic-mail
Tokyo (IMS)	1691, Koenbo Hassemachi Miura-City Kanagawa 238-0015 Japan	TF : +81 46 8882182 FAX : +81 46 8871077

**1. Geographical coordinates**

35°12'24" N  
139°39'03" E

**2. Hours of service**

2330-0815 h from Monday to Friday

**3. Information on antennas in use**

13 m Cassegrain antenna for frequency ranges (a), (b), (c), (d), (e).

**4. Range of azimuth and elevation angles**

180°, 90°

**5. Maximum attainable accuracy in determining orbital positions of space stations**

- (a) L band: 0.030° rms
- (b) S band: 0.023° rms
- (c) C band: 0.016° rms
- (d) Ku band: 0.010° rms
- (e) Ka band: 0.010° rms

Accuracy in antenna pointing direction.

**6. Information on system polarization**

Polarization tracking in all frequency ranges:

- Circular polarization (RHC, LHC), and
- Linear polarization (V, H).

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<p><b>7. System noise temperature</b></p> <p>(a) L band: 171.2 K                  (b) S band: 64.5 K                  (c) C band: 180.1 K                  (d) Ku band: 152.4 K                  (e) Ka band: 237.4 K</p>
<p><b>8. Ranges of frequencies with the maximum attainable accuracy of frequency measurement for each frequency range</b></p> <p>(a) L band: 1525 MHz - 1710 MHz                  (b) S band: 2120 MHz - 2690 MHz                  (c) C band: 3400 MHz - 4800 MHz                  (d) Ku band: 10.7 GHz - 12.75 GHz                  (e) Ka band: 17.7 GHz - 22 GHz</p> <p>Sweep method: 10% of sweep span (C/N ≥ 15 dB).                  Counter method: <math>1 \times 10^{-6}</math> (C/N ≥ 15 dB).</p>
<p><b>9. Ranges of frequencies in which field strength or power flux-density measurements can be performed</b></p> <p>(a) L band: 1525 MHz - 1710 MHz                  (b) S band: 2120 MHz - 2690 MHz                  (c) C band: 3400 MHz - 4800 MHz                  (d) Ku band: 10.7 GHz - 12.75 GHz                  (e) Ka band: 17.7 GHz - 22 GHz</p>
<p><b>10. Minimum value of measurable field strength or power flux-density with indication of attainable accuracy of measurement</b></p> <p>(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: -168.2 dBm ~ -118.7 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</p>
<p><b>11. Information available for bandwidth measurements</b></p> <p>Bandwidth measurements in accordance with the methods described in the Spectrum Monitoring Handbook.</p>
<p><b>12. Information available for spectrum occupancy measurements</b></p> <p>Time and frequency of the signal from the satellite are graphically displayed on the spectrum monitor terminal.</p>
<p><b>13. Information available for orbit occupancy measurements</b></p> <p>Automatic orbital location measurements are carried out and the transition records of orbital locations are graphically displayed on the monitor terminal.</p>