

# WORLD NAVTEX DATABASE FOR DXERS

(SORTED BY TIME ORDER)

Version 1.0

Last updated 2nd of September 2020

Compiled by Alan Gale, G4TMV

This Database is divided into seven separate sections.

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- NOTE #1:** The Country Identifiers used in this list are taken from the **NDB List Country Code List** (available from the NDB List Info page: <https://www.ndblist.info/ndbinfo/countrylist.pdf>)
- NOTE #2:** This list is aimed only at radio enthusiasts, and it goes without saying that it should not be used for navigational purposes since the data cannot be confirmed as being 100% accurate and up to date. Any updates and corrections would be much appreciated.
- NOTE #3:** NAVTEX enthusiasts may be interested in joining the **NAVTEX DX Group**, which can be found at: <https://groups.io/g/navtexdx/>
- NOTE #4:** I highly recommend the '**NAVTEXview**' program by **Tobias Taufer (T2)**, which uses the data from this file, you can download a copy from the **NDB List Datamodes** page which can be found at: <https://www.ndblist.info/datamodes.htm>
- NOTE #5:** Lat /Long details are 'rounded up' to a **DD:MM** format and should not be used for navigation purposes.
- NOTE #6:** Stations '**Sorted by Frequency & Navarea**' are now available in a separate publication.

Updates and corrections for this list can be sent to: <**navtexupdates** at **ndblist.info**> (replace the 'at' with @)

# SECTION ONE: 424.0 kHz: SORTED BY TIME ORDER:

| UTC:  | kHz:  | Slot: | Call: | Station Name: | COU: | Country: | Rxx:  | Latitude: | Longitude: | Locator: | Range:<br>NM: | Area: | Lang: | Status: |
|-------|-------|-------|-------|---------------|------|----------|-------|-----------|------------|----------|---------------|-------|-------|---------|
| 0000  | 424.0 | [G]   | JNB   | Naha          | JPN  | Japan    | \$11G | 26° 05' N | 127° 40' E | PL36ub   | 400           | XI    | JJ    | active  |
| 0017  | 424.0 | [H]   | JNR   | Moji          | JPN  | Japan    | \$11H | 34° 01' N | 130° 56' E | PM54la   | 400           | XI    | JJ    | active  |
| 0034  | 424.0 | [I]   | JGC   | Yokohama      | JPN  | Japan    | \$11I | 35° 14' N | 139° 55' E | PM95wf   | 400           | XI    | JJ    | active  |
| 0051  | 424.0 | [J]   | JNL   | Otaru         | JPN  | Japan    | \$11J | 43° 19' N | 140° 27' E | QN03fh   | 400           | XI    | JJ    | active  |
| +++++ |       |       |       |               |      |          |       |           |            |          |               |       |       |         |
| 0108  | 424.0 | [K]   | JNX   | Kushiro       | JPN  | Japan    | \$11K | 42° 57' N | 144° 36' E | QN22hw   | 400           | XI    | JJ    | active  |
| +++++ |       |       |       |               |      |          |       |           |            |          |               |       |       |         |
| 0400  | 424.0 | [G]   | JNB   | Naha          | JPN  | Japan    | \$11G | 26° 05' N | 127° 40' E | PL36ub   | 400           | XI    | JJ    | active  |
| 0417  | 424.0 | [H]   | JNR   | Moji          | JPN  | Japan    | \$11H | 34° 01' N | 130° 56' E | PM54la   | 400           | XI    | JJ    | active  |
| 0434  | 424.0 | [I]   | JGC   | Yokohama      | JPN  | Japan    | \$11I | 35° 14' N | 139° 55' E | PM95wf   | 400           | XI    | JJ    | active  |
| 0451  | 424.0 | [J]   | JNL   | Otaru         | JPN  | Japan    | \$11J | 43° 19' N | 140° 27' E | QN03fh   | 400           | XI    | JJ    | active  |
| +++++ |       |       |       |               |      |          |       |           |            |          |               |       |       |         |
| 0508  | 424.0 | [K]   | JNX   | Kushiro       | JPN  | Japan    | \$11K | 42° 57' N | 144° 36' E | QN22hw   | 400           | XI    | JJ    | active  |
| +++++ |       |       |       |               |      |          |       |           |            |          |               |       |       |         |
| 0800  | 424.0 | [G]   | JNB   | Naha          | JPN  | Japan    | \$11G | 26° 05' N | 127° 40' E | PL36ub   | 400           | XI    | JJ    | active  |
| 0817  | 424.0 | [H]   | JNR   | Moji          | JPN  | Japan    | \$11H | 34° 01' N | 130° 56' E | PM54la   | 400           | XI    | JJ    | active  |
| 0834  | 424.0 | [I]   | JGC   | Yokohama      | JPN  | Japan    | \$11I | 35° 14' N | 139° 55' E | PM95wf   | 400           | XI    | JJ    | active  |
| 0851  | 424.0 | [J]   | JNL   | Otaru         | JPN  | Japan    | \$11J | 43° 19' N | 140° 27' E | QN03fh   | 400           | XI    | JJ    | active  |
| +++++ |       |       |       |               |      |          |       |           |            |          |               |       |       |         |
| 0908  | 424.0 | [K]   | JNX   | Kushiro       | JPN  | Japan    | \$11K | 42° 57' N | 144° 36' E | QN22hw   | 400           | XI    | JJ    | active  |
| +++++ |       |       |       |               |      |          |       |           |            |          |               |       |       |         |
| 1200  | 424.0 | [G]   | JNB   | Naha          | JPN  | Japan    | \$11G | 26° 05' N | 127° 40' E | PL36ub   | 400           | XI    | JJ    | active  |
| 1217  | 424.0 | [H]   | JNR   | Moji          | JPN  | Japan    | \$11H | 34° 01' N | 130° 56' E | PM54la   | 400           | XI    | JJ    | active  |
| 1234  | 424.0 | [I]   | JGC   | Yokohama      | JPN  | Japan    | \$11I | 35° 14' N | 139° 55' E | PM95wf   | 400           | XI    | JJ    | active  |
| 1251  | 424.0 | [J]   | JNL   | Otaru         | JPN  | Japan    | \$11J | 43° 19' N | 140° 27' E | QN03fh   | 400           | XI    | JJ    | active  |
| +++++ |       |       |       |               |      |          |       |           |            |          |               |       |       |         |
| 1308  | 424.0 | [K]   | JNX   | Kushiro       | JPN  | Japan    | \$11K | 42° 57' N | 144° 36' E | QN22hw   | 400           | XI    | JJ    | active  |
| +++++ |       |       |       |               |      |          |       |           |            |          |               |       |       |         |
| 1600  | 424.0 | [G]   | JNB   | Naha          | JPN  | Japan    | \$11G | 26° 05' N | 127° 40' E | PL36ub   | 400           | XI    | JJ    | active  |
| 1617  | 424.0 | [H]   | JNR   | Moji          | JPN  | Japan    | \$11H | 34° 01' N | 130° 56' E | PM54la   | 400           | XI    | JJ    | active  |

|       |       |     |     |          |     |       |       |           |            |        |     |    |    |        |
|-------|-------|-----|-----|----------|-----|-------|-------|-----------|------------|--------|-----|----|----|--------|
| 1634  | 424.0 | [I] | JGC | Yokohama | JPN | Japan | \$11I | 35° 14' N | 139° 55' E | PM95wf | 400 | XI | JJ | active |
| 1651  | 424.0 | [J] | JNL | Otaru    | JPN | Japan | \$11J | 43° 19' N | 140° 27' E | QN03fh | 400 | XI | JJ | active |
| +++++ |       |     |     |          |     |       |       |           |            |        |     |    |    |        |
| 1708  | 424.0 | [K] | JNX | Kushiro  | JPN | Japan | \$11K | 42° 57' N | 144° 36' E | QN22hw | 400 | XI | JJ | active |
| +++++ |       |     |     |          |     |       |       |           |            |        |     |    |    |        |
| 2000  | 424.0 | [G] | JNB | Naha     | JPN | Japan | \$11G | 26° 05' N | 127° 40' E | PL36ub | 400 | XI | JJ | active |
| 2017  | 424.0 | [H] | JNR | Moji     | JPN | Japan | \$11H | 34° 01' N | 130° 56' E | PM54la | 400 | XI | JJ | active |
| 2034  | 424.0 | [I] | JGC | Yokohama | JPN | Japan | \$11I | 35° 14' N | 139° 55' E | PM95wf | 400 | XI | JJ | active |
| 2051  | 424.0 | [J] | JNL | Otaru    | JPN | Japan | \$11J | 43° 19' N | 140° 27' E | QN03fh | 400 | XI | JJ | active |
| +++++ |       |     |     |          |     |       |       |           |            |        |     |    |    |        |
| 2108  | 424.0 | [K] | JNX | Kushiro  | JPN | Japan | \$11K | 42° 57' N | 144° 36' E | QN22hw | 400 | XI | JJ | active |

## SECTION TWO: 486.0 kHz: SORTED BY TIME ORDER:

| UTC:  | kHz:  | Slot: | Call: | Station Name: | COU: | Country: | Rxx:  | Latitude: | Longitude: | Locator: | Range:<br>NM: | Area: | Lang: | Status: |
|-------|-------|-------|-------|---------------|------|----------|-------|-----------|------------|----------|---------------|-------|-------|---------|
| 0000  | 486.0 | [A]   | XSI   | Sanya         | CHN  | China    | \$11A | 18° 17' N | 109° 21' E | OK48qg   | 250           | XI    | CC    | active  |
| 0010  | 486.0 | [B]   | XSQ   | Guangzhou     | CHN  | China    | \$11B | 23° 09' N | 113° 31' E | OL63sd   | 250           | XI    | CC    | active  |
| 0020  | 486.0 | [C]   | XSL   | Fuzhou        | CHN  | China    | \$11C | 26° 00' N | 119° 26' E | OL96ra   | 250           | XI    | CC    | active  |
| 0030  | 486.0 | [D]   | XSJ   | Zhanjiang     | CHN  | China    | \$11D | 21° 09' N | 110° 21' E | OL51ed   | 250           | XI    | CC    | active  |
| 0040  | 486.0 | [E]   | XSJ   | Shanghai      | CHN  | China    | \$11E | 31° 07' N | 121° 33' E | PM01sc   | 250           | XI    | CC    | active  |
| 0050  | 486.0 | [F]   | XSZ   | Dalian        | CHN  | China    | \$11F | 38° 51' N | 121° 31' E | PM08su   | 250           | XI    | CC    | active  |
| +++++ |       |       |       |               |      |          |       |           |            |          |               |       |       |         |
| 0300  | 486.0 | [S]   | XSV   | Tianjin       | CHN  | China    | \$11S | 39° 02' N | 117° 26' E | OM89ra   | 250           | XI    | CC    | active  |
| +++++ |       |       |       |               |      |          |       |           |            |          |               |       |       |         |
| 0400  | 486.0 | [A]   | XSI   | Sanya         | CHN  | China    | \$11A | 18° 17' N | 109° 21' E | OK48qg   | 250           | XI    | CC    | active  |
| 0410  | 486.0 | [B]   | XSQ   | Guangzhou     | CHN  | China    | \$11B | 23° 09' N | 113° 31' E | OL63sd   | 250           | XI    | CC    | active  |
| 0420  | 486.0 | [C]   | XSL   | Fuzhou        | CHN  | China    | \$11C | 26° 00' N | 119° 26' E | OL96ra   | 250           | XI    | CC    | active  |
| 0430  | 486.0 | [D]   | XSJ   | Zhanjiang     | CHN  | China    | \$11D | 21° 09' N | 110° 21' E | OL51ed   | 250           | XI    | CC    | active  |
| 0440  | 486.0 | [E]   | XSJ   | Shanghai      | CHN  | China    | \$11E | 31° 07' N | 121° 33' E | PM01sc   | 250           | XI    | CC    | active  |
| 0450  | 486.0 | [F]   | XSZ   | Dalian        | CHN  | China    | \$11F | 38° 51' N | 121° 31' E | PM08su   | 250           | XI    | CC    | active  |
| +++++ |       |       |       |               |      |          |       |           |            |          |               |       |       |         |
| 0700  | 486.0 | [S]   | XSV   | Tianjin       | CHN  | China    | \$11S | 39° 02' N | 117° 26' E | OM89ra   | 250           | XI    | CC    | active  |

|       |       |     |     |           |     |       |       |           |            |        |     |    |    |        |
|-------|-------|-----|-----|-----------|-----|-------|-------|-----------|------------|--------|-----|----|----|--------|
| +++++ |       |     |     |           |     |       |       |           |            |        |     |    |    |        |
| 0800  | 486.0 | [A] | XSI | Sanya     | CHN | China | \$11A | 18° 17' N | 109° 21' E | OK48qg | 250 | XI | CC | active |
| 0810  | 486.0 | [B] | XSQ | Guangzhou | CHN | China | \$11B | 23° 09' N | 113° 31' E | OL63sd | 250 | XI | CC | active |
| 0820  | 486.0 | [C] | XSL | Fuzhou    | CHN | China | \$11C | 26° 00' N | 119° 26' E | OL96ra | 250 | XI | CC | active |
| 0830  | 486.0 | [D] | XSJ | Zhanjiang | CHN | China | \$11D | 21° 09' N | 110° 21' E | OL51ed | 250 | XI | CC | active |
| 0840  | 486.0 | [E] | XSJ | Shanghai  | CHN | China | \$11E | 31° 07' N | 121° 33' E | PM01sc | 250 | XI | CC | active |
| 0850  | 486.0 | [F] | XSZ | Dalian    | CHN | China | \$11F | 38° 51' N | 121° 31' E | PM08su | 250 | XI | CC | active |
| +++++ |       |     |     |           |     |       |       |           |            |        |     |    |    |        |
| 1100  | 486.0 | [S] | XSV | Tianjin   | CHN | China | \$11S | 39° 02' N | 117° 26' E | OM89ra | 250 | XI | CC | active |
| +++++ |       |     |     |           |     |       |       |           |            |        |     |    |    |        |
| 1200  | 486.0 | [A] | XSI | Sanya     | CHN | China | \$11A | 18° 17' N | 109° 21' E | OK48qg | 250 | XI | CC | active |
| 1210  | 486.0 | [B] | XSQ | Guangzhou | CHN | China | \$11B | 23° 09' N | 113° 31' E | OL63sd | 250 | XI | CC | active |
| 1220  | 486.0 | [C] | XSL | Fuzhou    | CHN | China | \$11C | 26° 00' N | 119° 26' E | OL96ra | 250 | XI | CC | active |
| 1230  | 486.0 | [D] | XSJ | Zhanjiang | CHN | China | \$11D | 21° 09' N | 110° 21' E | OL51ed | 250 | XI | CC | active |
| 1240  | 486.0 | [E] | XSJ | Shanghai  | CHN | China | \$11E | 31° 07' N | 121° 33' E | PM01sc | 250 | XI | CC | active |
| 1250  | 486.0 | [F] | XSZ | Dalian    | CHN | China | \$11F | 38° 51' N | 121° 31' E | PM08su | 250 | XI | CC | active |
| +++++ |       |     |     |           |     |       |       |           |            |        |     |    |    |        |
| 1500  | 486.0 | [S] | XSV | Tianjin   | CHN | China | \$11S | 39° 02' N | 117° 26' E | OM89ra | 250 | XI | CC | active |
| +++++ |       |     |     |           |     |       |       |           |            |        |     |    |    |        |
| 1600  | 486.0 | [A] | XSI | Sanya     | CHN | China | \$11A | 18° 17' N | 109° 21' E | OK48qg | 250 | XI | CC | active |
| 1610  | 486.0 | [B] | XSQ | Guangzhou | CHN | China | \$11B | 23° 09' N | 113° 31' E | OL63sd | 250 | XI | CC | active |
| 1620  | 486.0 | [C] | XSL | Fuzhou    | CHN | China | \$11C | 26° 00' N | 119° 26' E | OL96ra | 250 | XI | CC | active |
| 1630  | 486.0 | [D] | XSJ | Zhanjiang | CHN | China | \$11D | 21° 09' N | 110° 21' E | OL51ed | 250 | XI | CC | active |
| 1640  | 486.0 | [E] | XSJ | Shanghai  | CHN | China | \$11E | 31° 07' N | 121° 33' E | PM01sc | 250 | XI | CC | active |
| 1650  | 486.0 | [F] | XSZ | Dalian    | CHN | China | \$11F | 38° 51' N | 121° 31' E | PM08su | 250 | XI | CC | active |
| +++++ |       |     |     |           |     |       |       |           |            |        |     |    |    |        |
| 1900  | 486.0 | [S] | XSV | Tianjin   | CHN | China | \$11S | 39° 02' N | 117° 26' E | OM89ra | 250 | XI | CC | active |
| +++++ |       |     |     |           |     |       |       |           |            |        |     |    |    |        |
| 2000  | 486.0 | [A] | XSI | Sanya     | CHN | China | \$11A | 18° 17' N | 109° 21' E | OK48qg | 250 | XI | CC | active |
| 2010  | 486.0 | [B] | XSQ | Guangzhou | CHN | China | \$11B | 23° 09' N | 113° 31' E | OL63sd | 250 | XI | CC | active |
| 2020  | 486.0 | [C] | XSL | Fuzhou    | CHN | China | \$11C | 26° 00' N | 119° 26' E | OL96ra | 250 | XI | CC | active |
| 2030  | 486.0 | [D] | XSJ | Zhanjiang | CHN | China | \$11D | 21° 09' N | 110° 21' E | OL51ed | 250 | XI | CC | active |
| 2040  | 486.0 | [E] | XSJ | Shanghai  | CHN | China | \$11E | 31° 07' N | 121° 33' E | PM01sc | 250 | XI | CC | active |
| 2050  | 486.0 | [F] | XSZ | Dalian    | CHN | China | \$11F | 38° 51' N | 121° 31' E | PM08su | 250 | XI | CC | active |
| +++++ |       |     |     |           |     |       |       |           |            |        |     |    |    |        |
| 2300  | 486.0 | [S] | XSV | Tianjin   | CHN | China | \$11S | 39° 02' N | 117° 26' E | OM89ra | 250 | XI | CC | active |

# SECTION THREE: 490.0 kHz: SORTED BY TIME ORDER

| UTC:  | kHz:  | Slot: | Call:   | Station Name:            | COU: | Country:     | Rxx:   | Latitude: | Longitude: | Locator: | Range:<br>nm: | Area: | Lang: | Status:  |
|-------|-------|-------|---------|--------------------------|------|--------------|--------|-----------|------------|----------|---------------|-------|-------|----------|
| 0000  | 490.0 | [A]   | EJM     | Malin Head Coast Guard   | IRL  | Ireland      | \$01A  | 55° 22' N | 07° 21' W  | IO65hi   | 400           | I     | EE    | active   |
| 0000  | 490.0 | [A]   | EAL     | Las Palmas               | CNR  | Canary Isles | \$02A  | 28° 26' N | 16° 20' W  | IL18tk   | 400           | II    | SS    | on trial |
| 0000  | 490.0 | [A]   | TAF     | Samsun                   | TUR  | Turkey       | \$03A  | 41° 17' N | 36° 20' E  | KN81eg   | 300           | III   | TT    | active   |
| 0000  | 490.0 | [A]   | CWM27   | La Paloma                | URG  | Uruguay      | \$05A  | 34° 40' S | 54° 09' W  | GF25wi   | 280           | V     | SS    | inactive |
| 0000  | 490.0 | [A]   | L3K     | Ushuaia                  | ARG  | Argentina    | \$06A  | 54° 48' S | 68° 18' W  | FD55ue   | 280           | VI    | SS    | active   |
| 0000  | 490.0 | [A]   | HMZ     | Pyongyang                | KRE  | North Korea  | \$09A  | 38° 55' N | 125° 43' E | PM28uv   | 200           | XI    | KO    | active   |
| 0000  | 490.0 | [A]   | HCY     | Ayora                    | GAL  | Galapagos    | \$12A  | 00° 45' S | 90° 19' W  | EI49ug   | 250-400       | XII   | SS    | active   |
| 0010  | 490.0 | [B]   | HMH     | Hamhung                  | KRE  | North Korea  | \$12B  | 39° 50' N | 127° 41' E | PM39uu   | 200           | XII   | KO    | active   |
| 0010  | 490.0 | [B]   | TAH     | Istanbul                 | TUR  | Turkey       | \$03B  | 41° 04' N | 28° 57' E  | KN41lb   | 300           | III   | TT    | active   |
| 0010  | 490.0 | [B]   | OST     | Oostende                 | BEL  | Belgium      | \$01B  | 51° 11' N | 02° 48' E  | JO11je   | 150           | I     | DD    | active   |
| 0010  | 490.0 | [B]   | L3D     | Río Gallegos             | ARG  | Argentina    | \$06B  | 51° 37' S | 69° 13' W  | FD58jj   | 280           | VI    | SS    | active   |
| 0020  | 490.0 | [C]   | GPK     | Portpatrick              | SCT  | Scotland     | \$01C  | 54° 51' N | 05° 07' W  | IO74ku   | 270           | I     | EE    | active   |
| 0020  | 490.0 | [C]   | TAN     | Izmir                    | TUR  | Turkey       | \$03C  | 38° 22' N | 26° 36' E  | KM38dg   | 300           | III   | TT    | active   |
| 0020  | 490.0 | [C]   | L2W     | Comodoro Rivadavia       | ARG  | Argentina    | \$06C  | 45° 51' S | 67° 25' W  | FE64gd   | 280           | VI    | SS    | active   |
| 0020  | 490.0 | [C]   |         | Buenaventura             | CLM  | Colombia     | \$12C  | 03° 54' N | 77° 03' W  | FJ13lv   | 300           | XII   | SS    | active   |
| 0030  | 490.0 | [D]   | TAL     | Antalya                  | TUR  | Turkey       | \$03D  | 36° 53' N | 30° 42' E  | KM56iv   | 300           | III   | TT    | active   |
| 0030  | 490.0 | [D]   | VCK     | Moise CG, QC (VCG)       | CAN  | Canada       | \$04D  | 50° 11' N | 66° 07' W  | FO60we   | 300           | IV    | FF    | active   |
| 0030  | 490.0 | [D]   | EQM     | Bushehr                  | IRN  | Iran         | \$09D  | 28° 59' N | 50° 50' E  | LL58kx   | 300           | IX    | PE    | active   |
| 0030  | 490.0 | [D]   | L2I     | Bahia Blanca             | ARG  | Argentina    | \$06D  | 38° 43' S | 62° 06' W  | FF81wg   | 280           | VI    | SS    | active   |
| 0040  | 490.0 | [E]   | TFA     | Saudanes                 | ISL  | Iceland      | \$01E  | 66° 11' N | 18° 57' W  | IP06me   | 450           | I     | IS    | active   |
| 0040  | 490.0 | [E]   | FRC     | CROSS Corsen             | FRA  | France       | \$02E  | 48° 24' N | 05° 03' W  | IN78lj   | 300           | II    | FF    | active   |
| 0040  | 490.0 | [E]   | IQM     | Mondolfo                 | ITA  | Italy        | \$03E  | 43° 44' N | 13° 08' E  | JN63ns   | 320           | III   | IT    | active   |
| 0040  | 490.0 | [E]   | L2P     | Mar del Plata            | ARG  | Argentina    | \$06E  | 38° 03' S | 57° 32' W  | GF11fw   | 280           | VI    | SS    | active   |
| 0050  | 490.0 | [F]   | 9AS     | Hvar                     | HRV  | Croatia      | \$03F  | 43° 30' N | 16° 29' E  | JN83fe   | 150           | III   | SC?   | testing  |
| 0050  | 490.0 | [F]   | L2B     | Buenos Aires             | ARG  | Argentina    | \$06F  | 34° 36' S | 58° 22' W  | GF05tj   | 560           | VI    | SS    | active   |
| 0050  | 490.0 | [F]   | XVT     | Da Nang                  | VTN  | Vietnam      | \$11F  | 16° 03' N | 108° 12' E | OK46cb   | 400           | XI    | VV    | active   |
| +++++ |       |       |         |                          |      |              |        |           |            |          |               |       |       |          |
| 0100  | 490.0 | [G]   | CTV-251 | Penalva (CENCOMAR)       | POR  | Portugal     | \$02G  | 38° 36' N | 09° 02' W  | IM58lo   | 520           | II    | PP    | active   |
| 0100  | 490.0 | [G]   | 4LR     | Poti                     | GEO  | Georgia      | \$03G  | 42° 08' N | 41° 40' E  | LN02td   | 350           | III   | GE    | active   |
| 0100  | 490.0 | [G]   | CBA     | Antofagasta              | CHL  | Chile        | \$015G | 23° 30' S | 70° 25' W  | FG46sm   | 400           | XV    | SS    | active   |
| 0110  | 490.0 | [H]   | CBV     | Valparaíso (Playa Ancha) | CHL  | Chile        | \$15H  | 33° 05' S | 71° 37' W  | FF46ev   | 300           | XV    | SS    | active   |
| 0120  | 490.0 | [I]   | GNI     | Niton                    | ENG  | England      | \$01I  | 50° 35' N | 01° 15' W  | IO90jo   | 270           | I     | EE    | active   |
| 0120  | 490.0 | [I]   | ICH     | La Maddelana             | SAR  | Sardinia     | \$03I  | 41° 13' N | 09° 23' E  | JN41qf   | 320           | III   | IT    | active   |
| 0120  | 490.0 | [I]   | EQI     | Bandar-e-Shahid Rajai    | IRN  | Iran         | \$09I  | 27° 07' N | 56° 04' E  | LL87ac   | 300           | IX    | PE    | active   |
| 0120  | 490.0 | [I]   |         | Puerto Princesa          | PHL  | Philippines  | \$11I  | 09° 44' N | 118° 44' E | OJ99ir   | 320           | XI    | ??    | planned  |
| 0120  | 490.0 | [I]   | CBT     | Talcahuano               | CHL  | Chile        | \$15I  | 36° 41' S | 73° 07' W  | FF33kh   | 400           | XV    | SS    | active   |

|      |       |     |       |                             |     |               |       |           |            |        |         |     |    |          |
|------|-------|-----|-------|-----------------------------|-----|---------------|-------|-----------|------------|--------|---------|-----|----|----------|
| 0130 | 490.0 | [J] | CTH   | Sao Miguel (CENCOMARACORES) | AZR | Azores        | \$02J | 37° 48' N | 25° 33' W  | HM77ft | 300     | II  | PP | active   |
| 0130 | 490.0 | [J] | EQO   | Fereydoon Kenar             | IRN | Iran          | \$03J | 36° 42' N | 52° 33' E  | LM66gq | 250     | III | PE | active   |
| 0130 | 490.0 | [J] | VCO   | Port Caledonia CG, NS       | CAN | Canada        | \$04J | 46° 11' N | 59° 54' W  | GN06be | 300     | IV  | FF | active   |
| 0130 | 490.0 | [J] | HL    | Chukpyon                    | KOR | South Korea   | \$11J | 37° 03' N | 129° 26' E | PM47rb | 200     | XI  | KO | active   |
| 0130 | 490.0 | [J] | CBP   | Puerto Montt                | CHL | Chile         | \$15J | 41° 29' S | 72° 57' W  | FE38mm | 400     | XV  | SS | active   |
| 0140 | 490.0 | [K] | TFA   | Grindavik                   | ISL | Iceland       | \$01K | 63° 47' N | 22° 31' W  | HP83rs | 450     | I   | IS | active   |
| 0140 | 490.0 | [K] | 7TA   | Ain Taya Radio              | ALG | Algeria       | \$03K | 35° 32' N | 03° 15' E  | JM16pt | 250     | III | FF | active   |
| 0140 | 490.0 | [K] | HJW   | Santa Marta                 | CLM | Colombia      | \$04K | 11° 03' N | 74° 13' W  | FK21vb | 300     | IV  | SS | active   |
| 0140 | 490.0 | [K] | HL    | Pyonsan (Byeonsan)          | KOR | South Korea   | \$11K | 35° 36' N | 126° 29' E | PM35fo | 200     | XI  | KO | active   |
| 0140 | 490.0 | [K] | CBM   | Punta Arenas (Magallanes)   | CHL | Chile         | \$15K | 53° 10' S | 70° 53' W  | FD46nu | 400     | XV  | SS | active   |
| 0150 | 490.0 | [L] | DDH49 | Pinneberg                   | DEU | Germany       | \$01L | 53° 43' N | 09° 55' E  | JO43wr | 250-400 | I   | DD | active   |
| 0150 | 490.0 | [L] | YQI   | Constanta                   | ROU | Romania       | \$03L | 44° 06' N | 28° 37' E  | KN44hc | 250     | III | RO | active   |
| 0150 | 490.0 | [L] | CBY   | Isla de Pascua              | PAQ | Easter Island | \$15L | 27° 09' S | 109° 25' W | DG52gu | 300     | XV  | SS | inactive |

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|      |       |     |     |                              |     |            |       |           |           |        |         |      |    |          |
|------|-------|-----|-----|------------------------------|-----|------------|-------|-----------|-----------|--------|---------|------|----|----------|
| 0200 | 490.0 | [M] | 6VA | Dakar                        | SEN | Senegal    | \$02M | 14° 46' N | 17° 20' W | IK14hs | 250     | II   | FF | inactive |
| 0200 | 490.0 | [M] | CTQ | Porto Santo (CENCOMAMADEIRA) | MDR | Madeira    | \$02M | 33° 06' N | 16° 30' W | IM13sc | 300     | II   | PP | active   |
| 0200 | 490.0 | [M] | UBJ | Baku (Chilov)                | AZE | Azerbaijan | \$03M | 40° 19' N | 50° 36' E | LN50hh | 200     | III  | AZ | active   |
| 0200 | 490.0 | [M] | EAV | Valencia (Cabo de la Nao)    | ESP | Spain      | \$03M | 38° 43' N | 00° 11' E | JM08cr | 300     | III  | SS | active   |
| 0200 | 490.0 | [M] | S7Q | Mahé                         | SEY | Seychelles | \$08M | 04° 39' S | 55° 28' E | LI75ri | 250     | VIII | CR | active   |
| 0210 | 490.0 | [N] | IGS | Piombino                     | ITA | Italy      | \$03N | 42° 55' N | 10° 32' E | JN52gv | 320     | III  | IT | active   |
| 0220 | 490.0 | [O] | UWT | Taganrog                     | RUS | Russia     | \$03O | 47° 14' N | 38° 56' E | KN97if |         | III  | EE | testing  |
| 0230 | 490.0 | [P] | D4A | São Vicente Radio            | CPV | Cape Verde | \$02P | 16° 51' N | 25° 00' W | HK76mu | 250     | II   | PP | active   |
| 0230 | 490.0 | [P] | SVK | Kerkyra                      | GRC | Greece     | \$03P | 39° 36' N | 19° 53' E | JM99wo | 400     | III  | GK | active   |
| 0240 | 490.0 | [Q] | SVH | Irákleio (Crete)             | GRC | Greece     | \$03Q | 35° 19' N | 25° 46' E | KM25vh | 280-400 | III  | GK | active   |
| 0250 | 490.0 | [R] | SVL | Limnos                       | GRC | Greece     | \$03R | 39° 54' N | 25° 11' E | KM29ov | 400     | III  | GK | active   |

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|------|-------|-----|-------|-------------------------------|-----|---------|-------|-----------|------------|--------|-----|-------|----|--------|
| 0300 | 490.0 | [S] | FRL   | CROSS La Garde                | FRA | France  | \$03S | 43° 06' N | 05° 59' E  | JN23xc | 250 | III   | FF | active |
| 0300 | 490.0 | [S] | VFF   | Iqaluit CG, NU (May-Dec only) | CAN | Canada  | \$04S | 63° 44' N | 68° 33' W  | FP52rr | 150 | XVII  | FF | active |
| 0300 | 490.0 | [S] | VFF   | Iqaluit CG, NU (May-Dec only) | CAN | Canada  | \$04S | 63° 44' N | 68° 33' W  | FP52rr | 150 | XVIII | FF | active |
| 0310 | 490.0 | [T] | GNI   | Niton                         | ENG | England | \$01T | 50° 35' N | 01° 15' W  | IO90jo | 270 | I     | FF | active |
| 0310 | 490.0 | [T] | EAC   | Tarifa                        | ESP | Spain   | \$02T | 36° 02' N | 05° 33' W  | IM76fa | 400 | II    | SS | active |
| 0320 | 490.0 | [U] | GCC   | Cullercoats                   | ENG | England | \$01U | 55° 04' N | 01° 28' W  | IO95gb | 270 | I     | EE | active |
| 0320 | 490.0 | [U] | UKW   | Berdiansk                     | UKR | Ukraine | \$03U | 46° 38' N | 36° 29' E  | KN86jp | 250 | III   | EE | active |
| 0330 | 490.0 | [V] | VAR-9 | Chebogue, NB                  | CAN | Canada  | \$04V | 43° 45' N | 66° 10' W  | FN63ws | 300 | IV    | FF | active |
| 0330 | 490.0 | [V] |       | Lintou                        | TWN | Taiwan  | \$11V | 23° 33' N | 119° 38' E | OL93tn | 350 | XI    | CC | active |

|      |       |     |     |               |     |         |       |           |            |        |     |     |    |        |
|------|-------|-----|-----|---------------|-----|---------|-------|-----------|------------|--------|-----|-----|----|--------|
| 0330 | 490.0 | [V] | XVR | Vung Tau      | VTN | Vietnam | \$11V | 10° 23' N | 107° 08' E | OK30nj | 400 | XI  | VV | active |
| 0340 | 490.0 | [W] | EAR | Coruna        | ESP | Spain   | \$02W | 43° 22' N | 08° 27' W  | IN53si | 400 | II  | SS | active |
| 0340 | 490.0 | [W] | ICI | Sellia Marina | ITA | Italy   | \$03W | 38° 52' N | 16° 43' E  | JM88iu | 320 | III | IT | active |
| 0340 | 490.0 | [W] |     | Um Qaşr       | IRQ | Iraq    | \$09W | 30° 02' N | 47° 57' E  | LM30xa | 200 | IX  | EE | active |
| 0350 | 490.0 | [X] | UTT | Odesa         | UKR | Ukraine | \$03X | 46° 29' N | 30° 44' E  | KN56ii | 250 | III | EE | active |
| 0350 | 490.0 | [X] | XSX | Yenliaoken    | TWN | Taiwan  | \$11X | 23° 54' N | 121° 36' E | PL03tv | 350 | XI  | CC | active |

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|------|-------|-----|--------|------------------------|-----|--------------|-------|-----------|------------|--------|---------|-----|-----|----------|
| 0400 | 490.0 | [A] | EJM    | Malin Head Coast Guard | IRL | Ireland      | \$01A | 55° 22' N | 07° 21' W  | IO65hi | 400     | I   | EE  | active   |
| 0400 | 490.0 | [A] | EAL    | Las Palmas             | CNR | Canary Isles | \$02A | 28° 26' N | 16° 20' W  | IL18tk | 400     | II  | SS  | on trial |
| 0400 | 490.0 | [A] | TAF    | Samsun                 | TUR | Turkey       | \$03A | 41° 17' N | 36° 20' E  | KN81eg | 300     | III | TT  | active   |
| 0400 | 490.0 | [A] | CWMM27 | La Paloma              | URG | Uruguay      | \$05A | 34° 40' S | 54° 09' W  | GF25wi | 280     | V   | SS  | active   |
| 0400 | 490.0 | [A] | L3K    | Ushuaia                | ARG | Argentina    | \$06A | 54° 48' S | 68° 18' W  | FD55ue | 280     | VI  | SS  | active   |
| 0400 | 490.0 | [A] | HMZ    | Pyongyang              | KRE | North Korea  | \$09A | 38° 55' N | 125° 43' E | PM28uv | 200     | XI  | KO  | active   |
| 0400 | 490.0 | [A] | HCY    | Ayora                  | GAL | Galapagos    | \$12A | 00° 45' S | 90° 19' W  | EI49ug | 250-400 | XII | SS  | inactive |
| 0410 | 490.0 | [B] | OST    | Oostende               | BEL | Belgium      | \$12B | 39° 50' N | 127° 41' E | PM39uu | 150     | I   | DD  | active   |
| 0410 | 490.0 | [B] | TAH    | Istanbul               | TUR | Turkey       | \$03B | 41° 04' N | 28° 57' E  | KN41lb | 300     | III | TT  | active   |
| 0410 | 490.0 | [B] | L3D    | Río Gallegos           | ARG | Argentina    | \$01B | 51° 11' N | 02° 48' E  | JO11je | 280     | VI  | SS  | active   |
| 0410 | 490.0 | [B] | HMH    | Hamhung                | KRE | North Korea  | \$06B | 51° 37' S | 69° 13' W  | FD58jj | 200     | XII | KO  | active   |
| 0420 | 490.0 | [C] | GPK    | Portpatrick            | SCT | Scotland     | \$01C | 54° 51' N | 05° 07' W  | IO74ku | 270     | I   | EE  | active   |
| 0420 | 490.0 | [C] | TAN    | Izmir                  | TUR | Turkey       | \$03C | 38° 22' N | 26° 36' E  | KM38dg | 300     | III | TT  | active   |
| 0420 | 490.0 | [C] | L2W    | Comodoro Rivadavia     | ARG | Argentina    | \$06C | 45° 51' S | 67° 25' W  | FE64gd | 280     | VI  | SS  | active   |
| 0420 | 490.0 | [C] |        | Buenaventura           | CLM | Colombia     | \$12C | 03° 54' N | 77° 03' W  | FJ13lv | 300     | XII | SS  | active   |
| 0430 | 490.0 | [D] | TAL    | Antalya                | TUR | Turkey       | \$03D | 36° 53' N | 30° 42' E  | KM56iv | 300     | III | TT  | active   |
| 0430 | 490.0 | [D] | VCK    | Moise CG, QC (VCG)     | CAN | Canada       | \$04D | 50° 11' N | 66° 07' W  | FO60we | 300     | IV  | FF  | active   |
| 0430 | 490.0 | [D] | EQM    | Bushehr                | IRN | Iran         | \$09D | 28° 59' N | 50° 50' E  | LL58kx | 300     | IX  | PE  | active   |
| 0430 | 490.0 | [D] | L2I    | Bahia Blanca           | ARG | Argentina    | \$06D | 38° 43' S | 62° 06' W  | FF81wg | 280     | VI  | SS  | active   |
| 0440 | 490.0 | [E] | TFA    | Saudanes               | ISL | Iceland      | \$01E | 66° 11' N | 18° 57' W  | IP06me | 450     | I   | IS  | active   |
| 0440 | 490.0 | [E] | FRC    | CROSS Corsen           | FRA | France       | \$02E | 48° 24' N | 05° 03' W  | IN78lj | 300     | II  | FF  | active   |
| 0440 | 490.0 | [E] | IQM    | Mondolfo               | ITA | Italy        | \$03E | 43° 44' N | 13° 08' E  | JN63ns | 320     | III | IT  | active   |
| 0440 | 490.0 | [E] | L2P    | Mar del Plata          | ARG | Argentina    | \$06E | 38° 03' S | 57° 32' W  | GF11fw | 280     | VI  | SS  | active   |
| 0450 | 490.0 | [F] | 9AS    | Hvar                   | HRV | Croatia      | \$03F | 43° 30' N | 16° 29' E  | JN83fe | 150     | III | SR? | testing  |
| 0450 | 490.0 | [F] | L2B    | Buenos Aires           | ARG | Argentina    | \$06F | 34° 36' S | 58° 22' W  | GF05tj | 560     | VI  | SS  | active   |
| 0450 | 490.0 | [F] | XVT    | Da Nang                | VTN | Vietnam      | \$11F | 16° 03' N | 108° 12' E | OK46cb | 400     | XI  | VV  | active   |

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|------|-------|-----|---------|--------------------------|-----|----------|--------|-----------|-----------|--------|-----|-----|----|--------|
| 0500 | 490.0 | [G] | CTV-251 | Penalva (CENCOMAR)       | POR | Portugal | \$02G  | 38° 36' N | 09° 02' W | IM58lo | 520 | II  | PP | active |
| 0500 | 490.0 | [G] | 4LR     | Poti                     | GEO | Georgia  | \$03G  | 42° 08' N | 41° 40' E | LN02td | 350 | III | GE | active |
| 0500 | 490.0 | [G] | CBA     | Antofagasta              | CHL | Chile    | \$015G | 23° 30' S | 70° 25' W | FG46sm | 400 | XV  | SS | active |
| 0510 | 490.0 | [H] | CBV     | Valparaíso (Playa Ancha) | [H] | Chile    | \$15H  | 33° 05' S | 71° 37' W | FF46ev | 300 | XV  | SS | active |

|       |       |     |       |                               |     |             |       |           |            |        |         |       |    |          |
|-------|-------|-----|-------|-------------------------------|-----|-------------|-------|-----------|------------|--------|---------|-------|----|----------|
| 0520  | 490.0 | [I] | GNI   | Niton                         | ENG | England     | \$01I | 50° 35' N | 01° 15' W  | IO90jo | 270     | I     | EE | active   |
| 0520  | 490.0 | [I] | ICH   | La Maddelana                  | SAR | Sardinia    | \$03I | 41° 13' N | 09° 23' E  | JN41qf | 320     | III   | IT | active   |
| 0520  | 490.0 | [I] | EQI   | Bandar-e-Shahid Rajai         | IRN | Iran        | \$09I | 27° 07' N | 56° 04' E  | LL87ac | 300     | IX    | PE | active   |
| 0520  | 490.0 | [I] |       | Puerto Princesa               | PHL | Philippines | \$11I | 09° 44' N | 118° 44' E | OJ99ir | 320     | XI    | ?? | planned  |
| 0520  | 490.0 | [I] | CBT   | Talcahuano                    | CHL | Chile       | \$15I | 36° 41' S | 73° 07' W  | FF33kh | 400     | XV    | SS | active   |
| 0530  | 490.0 | [J] | CTH   | Sao Miguel (CENCOMARACORES)   | AZR | Azores      | \$02J | 37° 48' N | 25° 33' W  | HM77ft | 300     | II    | PP | active   |
| 0530  | 490.0 | [J] | EQO   | Fereydoon Kenar               | IRN | Iran        | \$03J | 36° 42' N | 52° 33' E  | LM66gq | 250     | III   | PE | active   |
| 0530  | 490.0 | [J] | VCO   | Port Caledonia CG, NS         | CAN | Canada      | \$04J | 46° 11' N | 59° 54' W  | GN06be | 300     | IV    | FF | active   |
| 0530  | 490.0 | [J] | HL    | Chukpyon                      | KOR | South Korea | \$11J | 37° 03' N | 129° 26' E | PM47rb | 200     | XI    | KO | active   |
| 0530  | 490.0 | [J] | CBP   | Puerto Montt                  | CHL | Chile       | \$15J | 41° 29' S | 72° 57' W  | FE38mm | 400     | XV    | SS | active   |
| 0540  | 490.0 | [K] | TFA   | Grindavik                     | ISL | Iceland     | \$01K | 63° 47' N | 22° 31' W  | HP83rs | 450     | I     | IS | active   |
| 0540  | 490.0 | [K] | 7TA   | Ain Taya Radio                | ALG | Algeria     | \$03K | 35° 32' N | 03° 15' E  | JM16pt | 250     | III   | FF | active   |
| 0540  | 490.0 | [K] | HSW   | Santa Marta                   | CLM | Colombia    | \$04K | 11° 03' N | 74° 13' W  | FK21vb | 300     | IV    | SS | active   |
| 0540  | 490.0 | [K] | HL    | Pyonsan (Byeonsan)            | KOR | South Korea | \$11K | 35° 36' N | 126° 29' E | PM35fo | 200     | XI    | KO | active   |
| 0540  | 490.0 | [K] | CBM   | Punta Arenas (Magallanes)     | CHL | Chile       | \$15K | 53° 10' S | 70° 53' W  | FD46nu | 400     | XV    | SS | active   |
| 0550  | 490.0 | [L] | DDH49 | Pinneberg                     | DEU | Germany     | \$01L | 53° 43' N | 09° 55' E  | JO43wr | 250-400 | I     | DD | active   |
| 0550  | 490.0 | [L] | YQI   | Constanta                     | ROU | Romania     | \$03L | 44° 06' N | 28° 37' E  | KN44hc | 250     | III   | RO | active   |
| +++++ |       |     |       |                               |     |             |       |           |            |        |         |       |    |          |
| 0600  | 490.0 | [M] | 6VA   | Dakar                         | SEN | Senegal     | \$02M | 14° 46' N | 17° 20' W  | IK14hs | 250     | II    | FF | inactive |
| 0600  | 490.0 | [M] | CTQ   | Porto Santo (CENCOMAMADEIRA)  | MDR | Madeira     | \$02M | 33° 06' N | 16° 30' W  | IM13sc | 300     | II    | PP | active   |
| 0600  | 490.0 | [M] | UBJ   | Baku (Chilov)                 | AZE | Azerbaijan  | \$03M | 40° 19' N | 50° 36' E  | LN50hh | 200     | III   | AZ | active   |
| 0600  | 490.0 | [M] | EAV   | Valencia (Cabo de la Nao)     | ESP | Spain       | \$03M | 38° 43' N | 00° 11' E  | JM08cr | 300     | III   | SS | active   |
| 0600  | 490.0 | [M] | S7Q   | Mahé                          | SEY | Seychelles  | \$08M | 04° 39' S | 55° 28' E  | LI75ri | 250     | VIII  | CR | active   |
| 0610  | 490.0 | [N] | IGS   | Piombino                      | ITA | Italy       | \$03N | 42° 55' N | 10° 32' E  | JN52gv | 320     | III   | IT | active   |
| 0620  | 490.0 | [O] | UWT   | Taganrog                      | RUS | Russia      | \$03O | 47° 14' N | 38° 56' E  | KN97lf |         | III   | EE | testing  |
| 0630  | 490.0 | [P] | D4A   | São Vicente Radio             | CPV | Cape Verde  | \$02P | 16° 51' N | 25° 00' W  | HK76mu | 250     | II    | PP | active   |
| 0630  | 490.0 | [P] | SVK   | Kerkyra                       | GRC | Greece      | \$03P | 39° 36' N | 19° 53' E  | JM99wo | 400     | III   | GK | active   |
| 0640  | 490.0 | [Q] | SVH   | Irákleio (Crete)              | GRC | Greece      | \$03Q | 35° 19' N | 25° 46' E  | KM25vh | 280-400 | III   | GK | active   |
| 0650  | 490.0 | [R] | SVL   | Limnos                        | GRC | Greece      | \$03R | 39° 54' N | 25° 11' E  | KM29ov | 400     | III   | GK | active   |
| +++++ |       |     |       |                               |     |             |       |           |            |        |         |       |    |          |
| 0700  | 490.0 | [S] | FRL   | CROSS La Garde                | FRA | France      | \$03S | 43° 06' N | 05° 59' E  | JN23xc | 250     | III   | FF | active   |
| 0700  | 490.0 | [S] | VFF   | Iqaluit CG, NU (May-Dec only) | CAN | Canada      | \$04S | 63° 44' N | 68° 33' W  | FP52rr | 150     | XVII  | FF | active   |
| 0700  | 490.0 | [S] | VFF   | Iqaluit CG, NU (May-Dec only) | CAN | Canada      | \$04S | 63° 44' N | 68° 33' W  | FP52rr | 150     | XVIII | FF | active   |
| 0710  | 490.0 | [T] | GNI   | Niton                         | ENG | England     | \$01T | 50° 35' N | 01° 15' W  | IO90jo | 270     | I     | FF | active   |
| 0710  | 490.0 | [T] | EAC   | Tarifa                        | ESP | Spain       | \$02T | 36° 02' N | 05° 33' W  | IM76fa | 400     | II    | SS | active   |
| 0720  | 490.0 | [U] | GCC   | Cullercoats                   | ENG | England     | \$01U | 55° 04' N | 01° 28' W  | IO95gb | 270     | I     | EE | active   |
| 0720  | 490.0 | [U] | UKW   | Berdiansk                     | UKR | Ukraine     | \$03U | 46° 38' N | 36° 29' E  | KN86jp | 250     | III   | EE | active   |

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|------|-------|-----|-------|---------------|-----|---------|-------|-----------|------------|--------|-----|-----|----|--------|
| 0730 | 490.0 | [V] | VAR-9 | Chebogue, NB  | CAN | Canada  | \$04V | 43° 45' N | 66° 10' W  | FN63ws | 300 | IV  | FF | active |
| 0730 | 490.0 | [V] |       | Lintou        | TWN | Taiwan  | \$11V | 23° 33' N | 119° 38' E | OL93tn | 350 | XI  | CC | active |
| 0730 | 490.0 | [V] | XVR   | Vung Tau      | VTN | Vietnam | \$11V | 10° 23' N | 107° 08' E | OK30nj | 400 | XI  | VV | active |
| 0740 | 490.0 | [W] | EAR   | Coruna        | ESP | Spain   | \$02W | 43° 22' N | 08° 27' W  | IN53si | 400 | II  | SS | active |
| 0740 | 490.0 | [W] | ICI   | Sellia Marina | ITA | Italy   | \$03W | 38° 52' N | 16° 43' E  | JM88iu | 320 | III | IT | active |
| 0740 | 490.0 | [W] |       | Um Qaşr       | IRQ | Iraq    | \$09W | 30° 02' N | 47° 57' E  | LM30xa | 200 | IX  | EE | active |
| 0750 | 490.0 | [X] | UTT   | Odesa         | UKR | Ukraine | \$03X | 46° 29' N | 30° 44' E  | KN56ii | 250 | III | EE | active |
| 0750 | 490.0 | [X] | XSX   | Yenliakoen    | TWN | Taiwan  | \$11X | 23° 54' N | 121° 36' E | PL03tv | 350 | XI  | CC | active |

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|      |       |     |       |                        |     |              |       |           |            |         |         |     |     |          |
|------|-------|-----|-------|------------------------|-----|--------------|-------|-----------|------------|---------|---------|-----|-----|----------|
| 0800 | 490.0 | [A] | EJM   | Malin Head Coast Guard | IRL | Ireland      | \$01A | 55° 22' N | 07° 21' W  | IO65hi  | 400     | I   | EE  | active   |
| 0800 | 490.0 | [A] | EAL   | Las Palmas             | CNR | Canary Isles | \$02A | 28° 26' N | 16° 20' W  | IL18tk  | 400     | II  | SS  | on trial |
| 0800 | 490.0 | [A] | TAF   | Samsun                 | TUR | Turkey       | \$03A | 41° 17' N | 36° 20' E  | KN81leg | 300     | III | TT  | active   |
| 0800 | 490.0 | [A] | CWM27 | La Paloma              | URG | Uruguay      | \$05A | 34° 40' S | 54° 09' W  | GF25wi  | 280     | V   | SS  | active   |
| 0800 | 490.0 | [A] | L3K   | Ushuaia                | ARG | Argentina    | \$06A | 54° 48' S | 68° 18' W  | FD55ue  | 280     | VI  | SS  | active   |
| 0800 | 490.0 | [A] | HMZ   | Pyongyang              | KRE | North Korea  | \$09A | 38° 55' N | 125° 43' E | PM28uv  | 200     | XI  | KO  | active   |
| 0800 | 490.0 | [A] | HCY   | Ayora                  | GAL | Galapagos    | \$12A | 00° 45' S | 90° 19' W  | EI49ug  | 250-400 | XII | SS  | inactive |
| 0810 | 490.0 | [B] | OST   | Oostende               | BEL | Belgium      | \$12B | 39° 50' N | 127° 41' E | PM39uu  | 150     | I   | DD  | active   |
| 0810 | 490.0 | [B] | TAH   | Istanbul               | TUR | Turkey       | \$03B | 41° 04' N | 28° 57' E  | KN41lb  | 300     | III | TT  | active   |
| 0810 | 490.0 | [B] | L3D   | Río Gallegos           | ARG | Argentina    | \$01B | 51° 11' N | 02° 48' E  | JO11je  | 280     | VI  | SS  | active   |
| 0810 | 490.0 | [B] | HMH   | Hamhung                | KRE | North Korea  | \$06B | 51° 37' S | 69° 13' W  | FD58jj  | 200     | XII | KO  | active   |
| 0820 | 490.0 | [C] | GPK   | Portpatrick            | SCT | Scotland     | \$01C | 54° 51' N | 05° 07' W  | IO74ku  | 270     | I   | EE  | active   |
| 0820 | 490.0 | [C] | TAN   | Izmir                  | TUR | Turkey       | \$03C | 38° 22' N | 26° 36' E  | KM38dg  | 300     | III | TT  | active   |
| 0820 | 490.0 | [C] | L2W   | Comodoro Rivadavia     | ARG | Argentina    | \$06C | 45° 51' S | 67° 25' W  | FE64gd  | 280     | VI  | SS  | active   |
| 0820 | 490.0 | [C] |       | Buenaventura           | CLM | Colombia     | \$12C | 03° 54' N | 77° 03' W  | FJ13lv  | 300     | XII | SS  | active   |
| 0830 | 490.0 | [D] | TAL   | Antalya                | TUR | Turkey       | \$03D | 36° 53' N | 30° 42' E  | KM56iv  | 300     | III | TT  | active   |
| 0830 | 490.0 | [D] | VCK   | Moise CG, QC (VCG)     | CAN | Canada       | \$04D | 50° 11' N | 66° 07' W  | FO60we  | 300     | IV  | FF  | active   |
| 0830 | 490.0 | [D] | EQM   | Bushehr                | IRN | Iran         | \$09D | 28° 59' N | 50° 50' E  | LL58kx  | 300     | IX  | PE  | active   |
| 0830 | 490.0 | [D] | L2I   | Bahia Blanca           | ARG | Argentina    | \$06D | 38° 43' S | 62° 06' W  | FF81wg  | 280     | VI  | SS  | active   |
| 0840 | 490.0 | [E] | TFA   | Saudanes               | ISL | Iceland      | \$01E | 66° 11' N | 18° 57' W  | IP06me  | 450     | I   | IS  | active   |
| 0840 | 490.0 | [E] | FRC   | CROSS Corsen           | FRA | France       | \$02E | 48° 24' N | 05° 03' W  | IN78lj  | 300     | II  | FF  | active   |
| 0840 | 490.0 | [E] | IQM   | Mondolfo               | ITA | Italy        | \$03E | 43° 44' N | 13° 08' E  | JN63ns  | 320     | III | IT  | active   |
| 0840 | 490.0 | [E] | L2P   | Mar del Plata          | ARG | Argentina    | \$06E | 38° 03' S | 57° 32' W  | GF11fw  | 280     | VI  | SS  | active   |
| 0850 | 490.0 | [F] | 9AS   | Hvar                   | HRV | Croatia      | \$03F | 43° 30' N | 16° 29' E  | JN83fe  | 150     | III | SR? | testing  |
| 0850 | 490.0 | [F] | L2B   | Buenos Aires           | ARG | Argentina    | \$06F | 34° 36' S | 58° 22' W  | GF05tj  | 560     | VI  | SS  | active   |
| 0850 | 490.0 | [F] | XVT   | Da Nang                | VTN | Vietnam      | \$11F | 16° 03' N | 108° 12' E | OK46cb  | 400     | XI  | VV  | active   |

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|------|-------|-----|---------|--------------------|-----|----------|--------|-----------|-----------|--------|-----|-----|----|--------|
| 0900 | 490.0 | [G] | CTV-251 | Penalva (CENCOMAR) | POR | Portugal | \$02G  | 38° 36' N | 09° 02' W | IM58lo | 520 | II  | PP | active |
| 0900 | 490.0 | [G] | 4LR     | Poti               | GEO | Georgia  | \$03G  | 42° 08' N | 41° 40' E | LN02td | 350 | III | GE | active |
| 0900 | 490.0 | [G] | CBA     | Antofagasta        | CHL | Chile    | \$015G | 23° 30' S | 70° 25' W | FG46sm | 400 | XV  | SS | active |

|       |       |     |       |                               |     |             |       |           |            |        |         |       |    |          |
|-------|-------|-----|-------|-------------------------------|-----|-------------|-------|-----------|------------|--------|---------|-------|----|----------|
| 0910  | 490.0 | [H] | CBV   | Valparaíso (Playa Ancha)      | [H] | Chile       | \$15H | 33° 05' S | 71° 37' W  | FF46ev | 300     | XV    | SS | active   |
| 0920  | 490.0 | [I] | GNI   | Niton                         | ENG | England     | \$01I | 50° 35' N | 01° 15' W  | IO90jo | 270     | I     | EE | active   |
| 0920  | 490.0 | [I] | ICH   | La Maddelana                  | SAR | Sardinia    | \$03I | 41° 13' N | 09° 23' E  | JN41qf | 320     | III   | IT | active   |
| 0920  | 490.0 | [I] | EQI   | Bandar-e-Shahid Rajai         | IRN | Iran        | \$09I | 27° 07' N | 56° 04' E  | LL87ac | 300     | IX    | PE | active   |
| 0920  | 490.0 | [I] |       | Puerto Princesa               | PHL | Philippines | \$11I | 09° 44' N | 118° 44' E | OJ99ir | 320     | XI    | ?? | planned  |
| 0920  | 490.0 | [I] | CBT   | Talcahuano                    | CHL | Chile       | \$15I | 36° 41' S | 73° 07' W  | FF33kh | 400     | XV    | SS | active   |
| 0930  | 490.0 | [J] | CTH   | Sao Miguel (CENCOMARACORES)   | AZR | Azores      | \$02J | 37° 48' N | 25° 33' W  | HM77ft | 300     | II    | PP | active   |
| 0930  | 490.0 | [J] | EQO   | Fereydoon Kenar               | IRN | Iran        | \$03J | 36° 42' N | 52° 33' E  | LM66gq | 250     | III   | PE | active   |
| 0930  | 490.0 | [J] | VCO   | Port Caledonia CG, NS         | CAN | Canada      | \$04J | 46° 11' N | 59° 54' W  | GN06be | 300     | IV    | FF | active   |
| 0930  | 490.0 | [J] | HL    | Chukpyon                      | KOR | South Korea | \$11J | 37° 03' N | 129° 26' E | PM47rb | 200     | XI    | KO | active   |
| 0930  | 490.0 | [J] | CBP   | Puerto Montt                  | CHL | Chile       | \$15J | 41° 29' S | 72° 57' W  | FE38mm | 400     | XV    | SS | active   |
| 0940  | 490.0 | [K] | TFA   | Grindavik                     | ISL | Iceland     | \$01K | 63° 47' N | 22° 31' W  | HP83rs | 450     | I     | IS | active   |
| 0940  | 490.0 | [K] | 7TA   | Ain Taya Radio                | ALG | Algeria     | \$03K | 35° 32' N | 03° 15' E  | JM16pt | 250     | III   | FF | active   |
| 0940  | 490.0 | [K] | HJW   | Santa Marta                   | CLM | Colombia    | \$04K | 11° 03' N | 74° 13' W  | FK21vb | 300     | IV    | SS | active   |
| 0940  | 490.0 | [K] | HL    | Pyonsan (Byeonsan)            | KOR | South Korea | \$11K | 35° 36' N | 126° 29' E | PM35fo | 200     | XI    | KO | active   |
| 0940  | 490.0 | [K] | CBM   | Punta Arenas (Magallanes)     | CHL | Chile       | \$15K | 53° 10' S | 70° 53' W  | FD46nu | 400     | XV    | SS | active   |
| 0950  | 490.0 | [L] | DDH49 | Pinneberg                     | DEU | Germany     | \$01L | 53° 43' N | 09° 55' E  | JO43wr | 250-400 | I     | DD | active   |
| 0950  | 490.0 | [L] | YQI   | Constanta                     | ROU | Romania     | \$03L | 44° 06' N | 28° 37' E  | KN44hc | 250     | III   | RO | active   |
| +++++ |       |     |       |                               |     |             |       |           |            |        |         |       |    |          |
| 1000  | 490.0 | [M] | 6VA   | Dakar                         | SEN | Senegal     | \$02M | 14° 46' N | 17° 20' W  | IK14hs | 250     | II    | FF | inactive |
| 1000  | 490.0 | [M] | CTQ   | Porto Santo (CENCOMAMADEIRA)  | MDR | Madeira     | \$02M | 33° 06' N | 16° 30' W  | IM13sc | 300     | II    | PP | active   |
| 1000  | 490.0 | [M] | UBJ   | Baku (Chilov)                 | AZE | Azerbaijan  | \$03M | 40° 19' N | 50° 36' E  | LN50hh | 200     | III   | AZ | active   |
| 1000  | 490.0 | [M] | EAV   | Valencia (Cabo de la Nao)     | ESP | Spain       | \$03M | 38° 43' N | 00° 11' E  | JM08cr | 300     | III   | SS | active   |
| 1000  | 490.0 | [M] | S7Q   | Mahé                          | SEY | Seychelles  | \$08M | 04° 39' S | 55° 28' E  | LI75ri | 250     | VIII  | CR | active   |
| 1010  | 490.0 | [N] | IGS   | Piombino                      | ITA | Italy       | \$03N | 42° 55' N | 10° 32' E  | JN52gv | 320     | III   | IT | active   |
| 1020  | 490.0 | [O] | UWT   | Taganrog                      | RUS | Russia      | \$03O | 47° 14' N | 38° 56' E  | KN97if |         | III   | EE | testing  |
| 1030  | 490.0 | [P] | D4A   | São Vicente Radio             | CPV | Cape Verde  | \$02P | 16° 51' N | 25° 00' W  | HK76mu | 250     | II    | PP | active   |
| 1030  | 490.0 | [P] | SVK   | Kerkyra                       | GRC | Greece      | \$03P | 39° 36' N | 19° 53' E  | JM99wo | 400     | III   | GK | active   |
| 1040  | 490.0 | [Q] | SVH   | Irákleio (Crete)              | GRC | Greece      | \$03Q | 35° 19' N | 25° 46' E  | KM25vh | 280-400 | III   | GK | active   |
| 1050  | 490.0 | [R] | SVL   | Limnos                        | GRC | Greece      | \$03R | 39° 54' N | 25° 11' E  | KM29ov | 400     | III   | GK | active   |
| +++++ |       |     |       |                               |     |             |       |           |            |        |         |       |    |          |
| 1100  | 490.0 | [S] | FRL   | CROSS La Garde                | FRA | France      | \$03S | 43° 06' N | 05° 59' E  | JN23xc | 250     | III   | FF | active   |
| 1100  | 490.0 | [S] | VFF   | Iqaluit CG, NU (May-Dec only) | CAN | Canada      | \$04S | 63° 44' N | 68° 33' W  | FP52rr | 150     | XVII  | FF | active   |
| 1100  | 490.0 | [S] | VFF   | Iqaluit CG, NU (May-Dec only) | CAN | Canada      | \$04S | 63° 44' N | 68° 33' W  | FP52rr | 150     | XVIII | FF | active   |
| 1110  | 490.0 | [T] | GNI   | Niton (N.France)              | ENG | England     | \$01T | 50° 35' N | 01° 15' W  | IO90jo | 270     | I     | FF | active   |

|       |       |     |       |                        |     |              |       |           |            |        |         |     |     |          |
|-------|-------|-----|-------|------------------------|-----|--------------|-------|-----------|------------|--------|---------|-----|-----|----------|
| 1110  | 490.0 | [T] | EAC   | Tarifa                 | ESP | Spain        | \$02T | 36° 02' N | 05° 33' W  | IM76fa | 400     | II  | SS  | active   |
| 1120  | 490.0 | [U] | GCC   | Cullercoats            | ENG | England      | \$01U | 55° 04' N | 01° 28' W  | IO95gb | 270     | I   | EE  | active   |
| 1120  | 490.0 | [U] | UKW   | Berdiansk              | UKR | Ukraine      | \$03U | 46° 38' N | 36° 29' E  | KN86jp | 250     | III | EE  | active   |
| 1130  | 490.0 | [V] | VAR-9 | Chebogue, NB           | CAN | Canada       | \$04V | 43° 45' N | 66° 10' W  | FN63ws | 300     | IV  | FF  | active   |
| 1130  | 490.0 | [V] |       | Lintou                 | TWN | Taiwan       | \$11V | 23° 33' N | 119° 38' E | OL93tn | 350     | XI  | CC  | active   |
| 1130  | 490.0 | [V] | XVR   | Vung Tau               | VTN | Vietnam      | \$11V | 10° 23' N | 107° 08' E | OK30nj | 400     | XI  | VV  | active   |
| 1140  | 490.0 | [W] | EAR   | Coruna                 | ESP | Spain        | \$02W | 43° 22' N | 08° 27' W  | IN53si | 400     | II  | SS  | active   |
| 1140  | 490.0 | [W] | ICI   | Sellia Marina          | ITA | Italy        | \$03W | 38° 52' N | 16° 43' E  | JM88iu | 320     | III | IT  | active   |
| 1140  | 490.0 | [W] |       | Um Qaşr                | IRQ | Iraq         | \$09W | 30° 02' N | 47° 57' E  | LM30xa | 200     | IX  | EE  | active   |
| 1150  | 490.0 | [X] | UTT   | Odesa                  | UKR | Ukraine      | \$03X | 46° 29' N | 30° 44' E  | KN56ii | 250     | III | EE  | active   |
| 1150  | 490.0 | [X] | XSU   | Yenliaoken             | TWN | Taiwan       | \$11X | 23° 54' N | 121° 36' E | PL03tv | 350     | XI  | CC  | active   |
| +++++ |       |     |       |                        |     |              |       |           |            |        |         |     |     |          |
| 1200  | 490.0 | [A] | EJM   | Malin Head Coast Guard | IRL | Ireland      | \$01A | 55° 22' N | 07° 21' W  | IO65hi | 400     | I   | EE  | active   |
| 1200  | 490.0 | [A] | EAL   | Las Palmas             | CNR | Canary Isles | \$02A | 28° 26' N | 16° 20' W  | IL18tk | 400     | II  | SS  | on trial |
| 1200  | 490.0 | [A] | TAF   | Samsun                 | TUR | Turkey       | \$03A | 41° 17' N | 36° 20' E  | KN81eg | 300     | III | TT  | active   |
| 1200  | 490.0 | [A] | CWM27 | La Paloma              | URG | Uruguay      | \$05A | 34° 40' S | 54° 09' W  | GF25wi | 280     | V   | SS  | active   |
| 1200  | 490.0 | [A] | L3K   | Ushuaia                | ARG | Argentina    | \$06A | 54° 48' S | 68° 18' W  | FD55ue | 280     | VI  | SS  | active   |
| 1200  | 490.0 | [A] | HMZ   | Pyongyang              | KRE | North Korea  | \$09A | 38° 55' N | 125° 43' E | PM28uv | 200     | XI  | KO  | active   |
| 1200  | 490.0 | [A] | HCY   | Ayora                  | GAL | Galapagos    | \$12A | 00° 45' S | 90° 19' W  | EI49ug | 250-400 | XII | SS  | inactive |
| 1210  | 490.0 | [B] | OST   | Oostende               | BEL | Belgium      | \$12B | 39° 50' N | 127° 41' E | PM39uu | 150     | I   | DD  | active   |
| 1210  | 490.0 | [B] | TAH   | Istanbul               | TUR | Turkey       | \$03B | 41° 04' N | 28° 57' E  | KN41lb | 300     | III | TT  | active   |
| 1210  | 490.0 | [B] | L3D   | Río Gallegos           | ARG | Argentina    | \$01B | 51° 11' N | 02° 48' E  | JO11je | 280     | VI  | SS  | active   |
| 1210  | 490.0 | [B] | HMH   | Hamhung                | KRE | North Korea  | \$06B | 51° 37' S | 69° 13' W  | FD58jj | 200     | XII | KO  | active   |
| 1220  | 490.0 | [C] | GPK   | Portpatrick            | SCT | Scotland     | \$01C | 54° 51' N | 05° 07' W  | IO74ku | 270     | I   | EE  | active   |
| 1220  | 490.0 | [C] | TAN   | Izmir                  | TUR | Turkey       | \$03C | 38° 22' N | 26° 36' E  | KM38dg | 300     | III | TT  | active   |
| 1220  | 490.0 | [C] | L2W   | Comodoro Rivadavia     | ARG | Argentina    | \$06C | 45° 51' S | 67° 25' W  | FE64gd | 280     | VI  | SS  | active   |
| 1220  | 490.0 | [C] |       | Buenaventura           | CLM | Colombia     | \$12C | 03° 54' N | 77° 03' W  | FJ13lv | 300     | XII | SS  | active   |
| 1230  | 490.0 | [D] | TAL   | Antalya                | TUR | Turkey       | \$03D | 36° 53' N | 30° 42' E  | KM56iv | 300     | III | TT  | active   |
| 1230  | 490.0 | [D] | VCK   | Moise CG, QC (VCG)     | CAN | Canada       | \$04D | 50° 11' N | 66° 07' W  | FO60we | 300     | IV  | FF  | active   |
| 1230  | 490.0 | [D] | EQM   | Bushehr                | IRN | Iran         | \$09D | 28° 59' N | 50° 50' E  | LL58kx | 300     | IX  | PE  | active   |
| 1230  | 490.0 | [D] | L2I   | Bahia Blanca           | ARG | Argentina    | \$06D | 38° 43' S | 62° 06' W  | FF81wg | 280     | VI  | SS  | active   |
| 1240  | 490.0 | [E] | TFA   | Saudanes               | ISL | Iceland      | \$03D | 36° 53' N | 30° 42' E  | KM56iv | 450     | I   | IS  | active   |
| 1240  | 490.0 | [E] | FRC   | CROSS Corsen           | FRA | France       | \$04D | 50° 11' N | 66° 07' W  | FO60we | 300     | II  | FF  | active   |
| 1240  | 490.0 | [E] | IQM   | Mondolfo               | ITA | Italy        | \$09D | 28° 59' N | 50° 50' E  | LL58kx | 320     | III | IT  | active   |
| 1240  | 490.0 | [E] | L2P   | Mar del Plata          | ARG | Argentina    | \$06D | 38° 43' S | 62° 06' W  | FF81wg | 280     | VI  | SS  | active   |
| 1250  | 490.0 | [F] | 9AS   | Hvar                   | HRV | Croatia      | \$03F | 43° 30' N | 16° 29' E  | JN83fe | 150     | III | SR? | testing  |
| 1250  | 490.0 | [F] | L2B   | Buenos Aires           | ARG | Argentina    | \$06F | 34° 36' S | 58° 22' W  | GF05tj | 560     | VI  | SS  | active   |
| 1250  | 490.0 | [F] | XVT   | Da Nang                | VTN | Vietnam      | \$11F | 16° 03' N | 108° 12' E | OK46cb | 400     | XI  | VV  | active   |

|      |       |     |         |                              |     |             |       |           |            |        |         |      |    |          |
|------|-------|-----|---------|------------------------------|-----|-------------|-------|-----------|------------|--------|---------|------|----|----------|
| 1300 | 490.0 | [G] | CTV-251 | Penalva (CENCOMAR)           | POR | Portugal    | \$02G | 38° 36' N | 09° 02' W  | IM58lo | 520     | II   | PP | active   |
| 1300 | 490.0 | [G] | 4LR     | Poti                         | GEO | Georgia     | \$03G | 42° 08' N | 41° 40' E  | LN02td | 350     | III  | GE | active   |
| 1300 | 490.0 | [G] | CBA     | Antofagasta                  | CHL | Chile       | \$15G | 23° 30' S | 70° 25' W  | FG46sm | 400     | XV   | SS | active   |
| 1310 | 490.0 | [H] | CBV     | Valparaíso (Playa Ancha)     | [H] | Chile       | \$15H | 33° 05' S | 71° 37' W  | FF46ev | 300     | XV   | SS | active   |
| 1320 | 490.0 | [I] | GNI     | Niton                        | ENG | England     | \$01I | 50° 35' N | 01° 15' W  | IO90jo | 270     | I    | EE | active   |
| 1320 | 490.0 | [I] | ICH     | La Maddelana                 | SAR | Sardinia    | \$03I | 41° 13' N | 09° 23' E  | JN41qf | 320     | III  | IT | active   |
| 1320 | 490.0 | [I] | EQI     | Bandar-e-Shahid Rajai        | IRN | Iran        | \$09I | 27° 07' N | 56° 04' E  | LL87ac | 300     | IX   | PE | active   |
| 1320 | 490.0 | [I] |         | Puerto Princesa              | PHL | Philippines | \$11I | 09° 44' N | 118° 44' E | OJ99ir | 320     | XI   | ?? | planned  |
| 1320 | 490.0 | [I] | CBT     | Talcahuano                   | CHL | Chile       | \$15I | 36° 41' S | 73° 07' W  | FF33kh | 400     | XV   | SS | active   |
| 1330 | 490.0 | [J] | CTH     | Sao Miguel (CENCOMARACORES)  | AZR | Azores      | \$02J | 37° 48' N | 25° 33' W  | HM77ft | 300     | II   | PP | active   |
| 1330 | 490.0 | [J] | EQO     | Fereydoon Kenar              | IRN | Iran        | \$03J | 36° 42' N | 52° 33' E  | LM66gq | 250     | III  | PE | active   |
| 1330 | 490.0 | [J] | VCO     | Port Caledonia CG, NS        | CAN | Canada      | \$04J | 46° 11' N | 59° 54' W  | GN06be | 300     | IV   | FF | active   |
| 1330 | 490.0 | [J] | L3K     | Ushuaia                      | ARG | Argentina   | \$11J | 37° 03' N | 129° 26' E | PM47rb | 280     | VI   | SS | active   |
| 1330 | 490.0 | [J] | CBP     | Puerto Montt                 | CHL | Chile       | \$15J | 41° 29' S | 72° 57' W  | FE38mm | 400     | XV   | SS | active   |
| 1340 | 490.0 | [K] | TFA     | Grindavik                    | ISL | Iceland     | \$01K | 63° 47' N | 22° 31' W  | HP83rs | 450     | I    | IS | active   |
| 1340 | 490.0 | [K] | 7TA     | Ain Taya Radio               | ALG | Algeria     | \$03K | 35° 32' N | 03° 15' E  | JM16pt | 250     | III  | FF | active   |
| 1340 | 490.0 | [K] | HJW     | Santa Marta                  | CLM | Colombia    | \$04K | 11° 03' N | 74° 13' W  | FK21vb | 300     | IV   | SS | active   |
| 1340 | 490.0 | [K] | HL      | Pyonsan (Byeonsan)           | KOR | South Korea | \$11K | 35° 36' N | 126° 29' E | PM35fo | 200     | XI   | KO | active   |
| 1340 | 490.0 | [K] | CBM     | Punta Arenas (Magallanes)    | CHL | Chile       | \$15K | 53° 10' S | 70° 53' W  | FD46nu | 400     | XV   | SS | active   |
| 1350 | 490.0 | [L] | DDH49   | Pinneberg                    | DEU | Germany     | \$01L | 53° 43' N | 09° 55' E  | JO43wr | 250-400 | I    | DD | active   |
| 1350 | 490.0 | [L] | YQI     | Constanta                    | ROU | Romania     | \$03L | 44° 06' N | 28° 37' E  | KN44hc | 250     | III  | RO | active   |
| 1400 | 490.0 | [M] | 6VA     | Dakar                        | SEN | Senegal     | \$02M | 14° 46' N | 17° 20' W  | IK14hs | 250     | II   | FF | inactive |
| 1400 | 490.0 | [M] | CTQ     | Porto Santo (CENCOMAMADEIRA) | MDR | Madeira     | \$02M | 33° 06' N | 16° 30' W  | IM13sc | 300     | II   | PP | active   |
| 1400 | 490.0 | [M] | UBJ     | Baku (Chilov)                | AZE | Azerbaijan  | \$03M | 40° 19' N | 50° 36' E  | LN50hh | 200     | III  | AZ | active   |
| 1400 | 490.0 | [M] | EAV     | Valencia (Cabo de la Nao)    | ESP | Spain       | \$03M | 38° 43' N | 00° 11' E  | JM08cr | 300     | III  | SS | active   |
| 1400 | 490.0 | [M] | S7Q     | Mahé                         | SEY | Seychelles  | \$08M | 04° 39' S | 55° 28' E  | LI75ri | 250     | VIII | CR | active   |
| 1410 | 490.0 | [N] | IGS     | Piombino                     | ITA | Italy       | \$03N | 42° 55' N | 10° 32' E  | JN52gv | 320     | III  | IT | active   |
| 1420 | 490.0 | [O] | UWT     | Taganrog                     | RUS | Russia      | \$03O | 47° 14' N | 38° 56' E  | KN97lf |         | III  | EE | testing  |
| 1430 | 490.0 | [P] | D4A     | São Vicente Radio            | CPV | Cape Verde  | \$02P | 16° 51' N | 25° 00' W  | HK76mu | 250     | II   | PP | active   |
| 1430 | 490.0 | [P] | SVK     | Kerkyra                      | GRC | Greece      | \$03P | 39° 36' N | 19° 53' E  | JM99wo | 400     | III  | GK | active   |
| 1440 | 490.0 | [Q] | SVH     | Irákleio (Crete)             | GRC | Greece      | \$03Q | 35° 19' N | 25° 46' E  | KM25vh | 280-400 | III  | GK | active   |
| 1450 | 490.0 | [R] | SVL     | Limnos                       | GRC | Greece      | \$03R | 39° 54' N | 25° 11' E  | KM29ov | 400     | III  | GK | active   |

|       |       |     |       |                               |     |              |       |           |            |        |         |       |    |          |
|-------|-------|-----|-------|-------------------------------|-----|--------------|-------|-----------|------------|--------|---------|-------|----|----------|
| 1500  | 490.0 | [S] | FRL   | CROSS La Garde                | FRA | France       | \$03S | 43° 06' N | 05° 59' E  | JN23xc | 250     | III   | FF | active   |
| 1500  | 490.0 | [S] | VFF   | Iqaluit CG, NU (May-Dec only) | CAN | Canada       | \$04S | 63° 44' N | 68° 33' W  | FP52rr | 150     | XVII  | FF | active   |
| 1500  | 490.0 | [S] | VFF   | Iqaluit CG, NU (May-Dec only) | CAN | Canada       | \$04S | 63° 44' N | 68° 33' W  | FP52rr | 150     | XVIII | FF | active   |
| 1510  | 490.0 | [T] | GNI   | Niton (N.France)              | ENG | England      | \$01T | 50° 35' N | 01° 15' W  | IO90jo | 270     | I     | FF | active   |
| 1510  | 490.0 | [T] | EAC   | Tarifa                        | ESP | Spain        | \$02T | 36° 02' N | 05° 33' W  | IM76fa | 400     | II    | SS | active   |
| 1520  | 490.0 | [U] | GCC   | Cullercoats                   | ENG | England      | \$01U | 55° 04' N | 01° 28' W  | IO95gb | 270     | I     | EE | active   |
| 1520  | 490.0 | [U] | UKW   | Berdiansk                     | UKR | Ukraine      | \$03U | 46° 38' N | 36° 29' E  | KN86jp | 250     | III   | EE | active   |
| 1530  | 490.0 | [V] | VAR-9 | Chebogue, NB                  | CAN | Canada       | \$04V | 43° 45' N | 66° 10' W  | FN63ws | 300     | IV    | FF | active   |
| 1530  | 490.0 | [V] |       | Lintou                        | TWN | Taiwan       | \$11V | 23° 33' N | 119° 38' E | OL93tn | 350     | XI    | CC | active   |
| 1530  | 490.0 | [V] | XVR   | Vung Tau                      | VTN | Vietnam      | \$11V | 10° 23' N | 107° 08' E | OK30nj | 400     | XI    | VV | active   |
| 1540  | 490.0 | [W] | EAR   | Coruna                        | ESP | Spain        | \$02W | 43° 22' N | 08° 27' W  | IN53si | 400     | II    | SS | active   |
| 1540  | 490.0 | [W] | ICI   | Sellia Marina                 | ITA | Italy        | \$03W | 38° 52' N | 16° 43' E  | JM88iu | 320     | III   | IT | active   |
| 1540  | 490.0 | [W] |       | Um Qasr                       | IRQ | Iraq         | \$09W | 30° 02' N | 47° 57' E  | LM30xa | 200     | IX    | EE | active   |
| 1550  | 490.0 | [X] | UTT   | Odesa                         | UKR | Ukraine      | \$03X | 46° 29' N | 30° 44' E  | KN56ii | 250     | III   | EE | active   |
| 1550  | 490.0 | [X] | XSJ   | Yenliaoken                    | TWN | Taiwan       | \$11X | 23° 54' N | 121° 36' E | PL03tv | 350     | XI    | CC | active   |
| +++++ |       |     |       |                               |     |              |       |           |            |        |         |       |    |          |
| 1600  | 490.0 | [A] | EJM   | Malin Head Coast Guard        | IRL | Ireland      | \$01A | 55° 22' N | 07° 21' W  | IO65hi | 400     | I     | EE | active   |
| 1600  | 490.0 | [A] | EAL   | Las Palmas                    | CNR | Canary Isles | \$02A | 28° 26' N | 16° 20' W  | IL18tk | 400     | II    | SS | on trial |
| 1600  | 490.0 | [A] | TAF   | Samsun                        | TUR | Turkey       | \$03A | 41° 17' N | 36° 20' E  | KN81eg | 300     | III   | TT | active   |
| 1600  | 490.0 | [A] | CWM27 | La Paloma                     | URG | Uruguay      | \$05A | 34° 40' S | 54° 09' W  | GF25wi | 280     | V     | SS | inactive |
| 1600  | 490.0 | [A] | L3K   | Ushuaia                       | ARG | Argentina    | \$06A | 54° 48' S | 68° 18' W  | FD55ue | 280     | VI    | SS | active   |
| 1600  | 490.0 | [A] | HCY   | Ayora                         | GAL | Galapagos    | \$09A | 38° 55' N | 125° 43' E | PM28uv | 250-400 | XII   | SS | active   |
| 1600  | 490.0 | [A] | HMZ   | Pyongyang                     | KRE | North Korea  | \$12A | 00° 45' S | 90° 19' W  | EI49ug | 200     | XII   | KO | active   |
| 1610  | 490.0 | [B] | OST   | Oostende                      | BEL | Belgium      | \$12B | 39° 50' N | 127° 41' E | PM39uu | 150     | I     | DD | active   |
| 1610  | 490.0 | [B] | TAH   | Istanbul                      | TUR | Turkey       | \$03B | 41° 04' N | 28° 57' E  | KN41lb | 300     | III   | TT | active   |
| 1610  | 490.0 | [B] | L3D   | Río Gallegos                  | ARG | Argentina    | \$01B | 51° 11' N | 02° 48' E  | JO11je | 280     | VI    | SS | active   |
| 1610  | 490.0 | [B] | HMH   | Hamhung                       | KRE | North Korea  | \$06B | 51° 37' S | 69° 13' W  | FD58jj | 200     | XII   | KO | active   |
| 1620  | 490.0 | [C] | GPK   | Portpatrick                   | SCT | Scotland     | \$01C | 54° 51' N | 05° 07' W  | IO74ku | 270     | I     | EE | active   |
| 1620  | 490.0 | [C] | TAN   | Izmir                         | TUR | Turkey       | \$03C | 38° 22' N | 26° 36' E  | KM38dg | 300     | III   | TT | active   |
| 1620  | 490.0 | [C] | L2W   | Comodoro Rivadavia            | ARG | Argentina    | \$06C | 45° 51' S | 67° 25' W  | FE64gd | 280     | VI    | SS | active   |
| 1620  | 490.0 | [C] |       | Buenaventura                  | CLM | Colombia     | \$12C | 03° 54' N | 77° 03' W  | FJ13lv | 300     | XII   | SS | active   |
| 1630  | 490.0 | [D] | TAL   | Antalya                       | TUR | Turkey       | \$03D | 36° 53' N | 30° 42' E  | KM56iv | 300     | III   | TT | active   |
| 1630  | 490.0 | [D] | VCK   | Moise CG, QC (VCG)            | CAN | Canada       | \$04D | 50° 11' N | 66° 07' W  | FO60we | 300     | IV    | FF | active   |
| 1630  | 490.0 | [D] | EQM   | Bushehr                       | IRN | Iran         | \$09D | 28° 59' N | 50° 50' E  | LL58kx | 300     | IX    | PE | active   |
| 1630  | 490.0 | [D] | L2I   | Bahia Blanca                  | ARG | Argentina    | \$06D | 38° 43' S | 62° 06' W  | FF81wg | 280     | VI    | SS | active   |
| 1640  | 490.0 | [E] | TFA   | Saudanes                      | ISL | Iceland      | \$03D | 36° 53' N | 30° 42' E  | KM56iv | 450     | I     | IS | active   |
| 1640  | 490.0 | [E] | FRC   | CROSS Corsen                  | FRA | France       | \$04D | 50° 11' N | 66° 07' W  | FO60we | 300     | II    | FF | active   |
| 1640  | 490.0 | [E] | IQM   | Mondolfo                      | ITA | Italy        | \$09D | 28° 59' N | 50° 50' E  | LL58kx | 320     | III   | IT | active   |
| 1640  | 490.0 | [E] | L2P   | Mar del Plata                 | ARG | Argentina    | \$06D | 38° 43' S | 62° 06' W  | FF81wg | 280     | VI    | SS | active   |

|       |       |     |         |                              |     |             |       |           |            |        |         |      |     |          |
|-------|-------|-----|---------|------------------------------|-----|-------------|-------|-----------|------------|--------|---------|------|-----|----------|
| 1650  | 490.0 | [F] | 9AS     | Hvar                         | HRV | Croatia     | \$03F | 43° 30' N | 16° 29' E  | JN83fe | 150     | III  | SR? | testing  |
| 1650  | 490.0 | [F] | L2B     | Buenos Aires                 | ARG | Argentina   | \$06F | 34° 36' S | 58° 22' W  | GF05tj | 560     | VI   | SS  | active   |
| 1650  | 490.0 | [F] | XVT     | Da Nang                      | VTN | Vietnam     | \$11F | 16° 03' N | 108° 12' E | OK46cb | 400     | XI   | VV  | active   |
| +++++ |       |     |         |                              |     |             |       |           |            |        |         |      |     |          |
| 1700  | 490.0 | [G] | CTV-251 | Penalva (CENCOMAR)           | POR | Portugal    | \$02G | 38° 36' N | 09° 02' W  | IM58lo | 520     | II   | PP  | active   |
| 1700  | 490.0 | [G] | 4LR     | Poti                         | GEO | Georgia     | \$03G | 42° 08' N | 41° 40' E  | LN02td | 350     | III  | GE  | active   |
| 1700  | 490.0 | [G] | CBA     | Antofagasta                  | CHL | Chile       | \$15G | 23° 30' S | 70° 25' W  | FG46sm | 400     | XV   | SS  | active   |
| 1710  | 490.0 | [I] | EQI     | Bandar-e-Shahid Rajai        | IRN | Iran        |       | 27° 07' N | 56° 04' E  |        | 300     | IX   | PE  | active   |
| 1710  | 490.0 | [H] | CBV     | Valparaiso (Playa Ancha)     | CHL | Chile       | \$15H | 33° 05' S | 71° 37' W  | FF46ev | 300     | XV   | SS  | active   |
| 1720  | 490.0 | [I] | GNI     | Niton                        | ENG | England     | \$01I | 50° 35' N | 01° 15' W  | IO90jo | 270     | I    | EE  | active   |
| 1720  | 490.0 | [I] | ICH     | La Maddelana                 | SAR | Sardinia    | \$03I | 41° 13' N | 09° 23' E  | JN41qf | 320     | III  | IT  | active   |
| 1720  | 490.0 | [I] | EQI     | Bandar-e-Shahid Rajai        | IRN | Iran        | \$09I | 27° 07' N | 56° 04' E  | LL87ac | 300     | IX   | PE  | active   |
| 1720  | 490.0 | [I] |         | Puerto Princesa              | PHL | Philippines | \$11I | 09° 44' N | 118° 44' E | OJ99ir | 320     | XI   | ??  | planned  |
| 1720  | 490.0 | [I] | CBT     | Talcahuano                   | CHL | Chile       | \$15I | 36° 41' S | 73° 07' W  | FF33kh | 400     | XV   | SS  | active   |
| 1730  | 490.0 | [J] | CTH     | Sao Miguel (CENCOMARACORES)  | AZR | Azores      | \$02J | 37° 48' N | 25° 33' W  | HM77ft | 300     | II   | PP  | active   |
| 1730  | 490.0 | [J] | EQO     | Fereydoon Kenar              | IRN | Iran        | \$03J | 36° 42' N | 52° 33' E  | LM66gq | 250     | III  | PE  | active   |
| 1730  | 490.0 | [J] | VCO     | Port Caledonia CG, NS        | CAN | Canada      | \$04J | 46° 11' N | 59° 54' W  | GN06be | 300     | IV   | FF  | active   |
| 1730  | 490.0 | [J] | HL      | Chukpyon                     | KOR | South Korea | \$11J | 37° 03' N | 129° 26' E | PM47rb | 200     | XI   | KO  | active   |
| 1730  | 490.0 | [J] | CBP     | Puerto Montt                 | CHL | Chile       | \$15J | 41° 29' S | 72° 57' W  | FE38mm | 400     | XV   | SS  | active   |
| 1740  | 490.0 | [K] | TFA     | Grindavik                    | ISL | Iceland     | \$01K | 63° 47' N | 22° 31' W  | HP83rs | 450     | I    | IS  | active   |
| 1740  | 490.0 | [K] | 7TA     | Ain Taya Radio               | ALG | Algeria     | \$03K | 35° 32' N | 03° 15' E  | JM16pt | 250     | III  | FF  | active   |
| 1740  | 490.0 | [K] | HJW     | Santa Marta                  | CLM | Colombia    | \$04K | 11° 03' N | 74° 13' W  | FK21vb | 300     | IV   | SS  | active   |
| 1740  | 490.0 | [K] | HL      | Pyonsan (Byeonsan)           | KOR | South Korea | \$11K | 35° 36' N | 126° 29' E | PM35fo | 200     | XI   | KO  | active   |
| 1740  | 490.0 | [K] | CBM     | Punta Arenas (Magallanes)    | CHL | Chile       | \$15K | 53° 10' S | 70° 53' W  | FD46nu | 400     | XV   | SS  | active   |
| 1750  | 490.0 | [L] | DDH49   | Pinneberg                    | DEU | Germany     | \$01L | 53° 43' N | 09° 55' E  | JO43wr | 250-400 | I    | DD  | active   |
| 1750  | 490.0 | [L] | YQI     | Constanta                    | ROU | Romania     | \$03L | 44° 06' N | 28° 37' E  | KN44hc | 250     | III  | RO  | active   |
| +++++ |       |     |         |                              |     |             |       |           |            |        |         |      |     |          |
| 1800  | 490.0 | [M] | 6VA     | Dakar                        | SEN | Senegal     | \$02M | 14° 46' N | 17° 20' W  | IK14hs | 250     | II   | FF  | inactive |
| 1800  | 490.0 | [M] | CTQ     | Porto Santo (CENCOMAMADEIRA) | MDR | Madeira     | \$02M | 33° 06' N | 16° 30' W  | IM13sc | 300     | II   | PP  | active   |
| 1800  | 490.0 | [M] | UBJ     | Baku (Chilov)                | AZE | Azerbaijan  | \$03M | 40° 19' N | 50° 36' E  | LN50hh | 200     | III  | AZ  | active   |
| 1800  | 490.0 | [M] | EAV     | Valencia (Cabo de la Nao)    | ESP | Spain       | \$03M | 38° 43' N | 00° 11' E  | JM08cr | 300     | III  | SS  | active   |
| 1800  | 490.0 | [M] | S7Q     | Mahé                         | SEY | Seychelles  | \$08M | 04° 39' S | 55° 28' E  | LI75ri | 250     | VIII | CR  | active   |
| 1810  | 490.0 | [N] | IGS     | Piombino                     | ITA | Italy       | \$03N | 42° 55' N | 10° 32' E  | JN52gv | 320     | III  | IT  | active   |
| 1820  | 490.0 | [O] | UWT     | Taganrog                     | RUS | Russia      | \$03O | 47° 14' N | 38° 56' E  | KN97lf |         | III  | EE  | testing  |
| 1830  | 490.0 | [P] | D4A     | São Vicente Radio            | CPV | Cape Verde  | \$02P | 16° 51' N | 25° 00' W  | HK76mu | 250     | II   | PP  | active   |
| 1830  | 490.0 | [P] | SVK     | Kerkyra                      | GRC | Greece      | \$03P | 39° 36' N | 19° 53' E  | JM99wo | 400     | III  | GK  | active   |
| 1840  | 490.0 | [Q] | SVH     | Irákleio (Crete)             | GRC | Greece      | \$03Q | 35° 19' N | 25° 46' E  | KM25vh | 280-400 | III  | GK  | active   |

|       |       |     |       |                               |     |              |       |           |            |        |         |       |    |          |
|-------|-------|-----|-------|-------------------------------|-----|--------------|-------|-----------|------------|--------|---------|-------|----|----------|
| 1850  | 490.0 | [R] | SVL   | Limnos                        | GRC | Greece       | \$03R | 39° 54' N | 25° 11' E  | KM29ov | 400     | III   | GK | active   |
| +++++ |       |     |       |                               |     |              |       |           |            |        |         |       |    |          |
| 1900  | 490.0 | [S] | FRL   | CROSS La Garde                | FRA | France       | \$03S | 43° 06' N | 05° 59' E  | JN23xc | 250     | III   | FF | active   |
| 1900  | 490.0 | [S] | VFF   | Iqaluit CG, NU (May-Dec only) | CAN | Canada       | \$04S | 63° 44' N | 68° 33' W  | FP52rr | 150     | XVII  | FF | active   |
| 1900  | 490.0 | [S] | VFF   | Iqaluit CG, NU (May-Dec only) | CAN | Canada       | \$04S | 63° 44' N | 68° 33' W  | FP52rr | 150     | XVIII | FF | active   |
| 1910  | 490.0 | [T] | GNI   | Niton (N.France)              | ENG | England      | \$01T | 50° 35' N | 01° 15' W  | IO90jo | 270     | I     | FF | active   |
| 1910  | 490.0 | [T] | EAC   | Tarifa                        | ESP | Spain        | \$02T | 36° 02' N | 05° 33' W  | IM76fa | 400     | II    | SS | active   |
| 1920  | 490.0 | [U] | GCC   | Cullercoats                   | ENG | England      | \$01U | 55° 04' N | 01° 28' W  | IO95gb | 270     | I     | EE | active   |
| 1920  | 490.0 | [U] | UKW   | Berdyansk                     | UKR | Ukraine      | \$03U | 46° 38' N | 36° 29' E  | KN86jp | 250     | III   | EE | active   |
| 1930  | 490.0 | [V] | VAR-9 | Chebogue, NB                  | CAN | Canada       | \$04V | 43° 45' N | 66° 10' W  | FN63ws | 300     | IV    | FF | active   |
| 1930  | 490.0 | [V] |       | Lintou                        | TWN | Taiwan       | \$11V | 23° 33' N | 119° 38' E | OL93tn | 350     | XI    | CC | active   |
| 1930  | 490.0 | [V] | XVR   | Vung Tau                      | VTN | Vietnam      | \$11V | 10° 23' N | 107° 08' E | OK30nj | 400     | XI    | VV | active   |
| 1940  | 490.0 | [W] | EAR   | Coruna                        | ESP | Spain        | \$02W | 43° 22' N | 08° 27' W  | IN53si | 400     | II    | SS | active   |
| 1940  | 490.0 | [W] | ICI   | Sellia Marina                 | ITA | Italy        | \$03W | 38° 52' N | 16° 43' E  | JM88iu | 320     | III   | IT | active   |
| 1940  | 490.0 | [W] |       | Um Qaşr                       | IRQ | Iraq         | \$09W | 30° 02' N | 47° 57' E  | LM30xa | 200     | IX    | EE | active   |
| 1950  | 490.0 | [X] | UTT   | Odesa                         | UKR | Ukraine      | \$03X | 46° 29' N | 30° 44' E  | KN56ii | 250     | III   | EE | active   |
| 1950  | 490.0 | [X] | XSU   | Yenliaoken                    | TWN | Taiwan       | \$11X | 23° 54' N | 121° 36' E | PL03tv | 350     | XI    | CC | active   |
| +++++ |       |     |       |                               |     |              |       |           |            |        |         |       |    |          |
| 2000  | 490.0 | [A] | EJM   | Malin Head Coast Guard        | IRL | Ireland      | \$01A | 55° 22' N | 07° 21' W  | IO65hi | 400     | I     | EE | active   |
| 2000  | 490.0 | [A] | EAL   | Las Palmas                    | CNR | Canary Isles | \$02A | 28° 26' N | 16° 20' W  | IL18tk | 400     | II    | SS | on trial |
| 2000  | 490.0 | [A] | TAF   | Samsun                        | TUR | Turkey       | \$03A | 41° 17' N | 36° 20' E  | KN81eg | 300     | III   | TT | active   |
| 2000  | 490.0 | [A] | CWM27 | La Paloma                     | URG | Uruguay      | \$05A | 34° 40' S | 54° 09' W  | GF25wi | 280     | V     | SS | inactive |
| 2000  | 490.0 | [A] | L3K   | Ushuaia                       | ARG | Argentina    | \$06A | 54° 48' S | 68° 18' W  | FD55ue | 280     | VI    | SS | active   |
| 2000  | 490.0 | [A] | HCY   | Ayora                         | GAL | Galapagos    | \$09A | 38° 55' N | 125° 43' E | PM28uv | 250-400 | XII   | SS | active   |
| 2000  | 490.0 | [A] | HMZ   | Pyongyang                     | KRE | North Korea  | \$12A | 00° 45' S | 90° 19' W  | EI49ug | 200     | XII   | KO | active   |
| 2010  | 490.0 | [B] | OST   | Oostende                      | BEL | Belgium      | \$12B | 39° 50' N | 127° 41' E | PM39uu | 150     | I     | DD | active   |
| 2010  | 490.0 | [B] | TAH   | Istanbul                      | TUR | Turkey       | \$03B | 41° 04' N | 28° 57' E  | KN41lb | 300     | III   | TT | active   |
| 2010  | 490.0 | [B] | L3D   | Río Gallegos                  | ARG | Argentina    | \$01B | 51° 11' N | 02° 48' E  | JO11je | 280     | VI    | SS | active   |
| 2010  | 490.0 | [B] | HMH   | Hamhung                       | KRE | North Korea  | \$06B | 51° 37' S | 69° 13' W  | FD58jj | 200     | XII   | KO | active   |
| 2020  | 490.0 | [C] | GPK   | Portpatrick                   | SCT | Scotland     | \$01C | 54° 51' N | 05° 07' W  | IO74ku | 270     | I     | EE | active   |
| 2020  | 490.0 | [C] | TAN   | Izmir                         | TUR | Turkey       | \$03C | 38° 22' N | 26° 36' E  | KM38dg | 300     | III   | TT | active   |
| 2020  | 490.0 | [C] | L2W   | Comodoro Rivadavia            | ARG | Argentina    | \$06C | 45° 51' S | 67° 25' W  | FE64gd | 280     | XII   | SS | active   |
| 2020  | 490.0 | [C] |       | Buenaventura                  | CLM | Colombia     | \$12C | 03° 54' N | 77° 03' W  | FJ13lv | 300     | IV    | SS | active   |
| 2030  | 490.0 | [D] | TAL   | Antalya                       | TUR | Turkey       | \$03D | 36° 53' N | 30° 42' E  | KM56iv | 300     | III   | TT | active   |
| 2030  | 490.0 | [D] | VCK   | Moise CG, QC (VCG)            | CAN | Canada       | \$04D | 50° 11' N | 66° 07' W  | FO60we | 300     | IV    | FF | active   |
| 2030  | 490.0 | [D] | EQM   | Bushehr                       | IRN | Iran         | \$09D | 28° 59' N | 50° 50' E  | LL58kx | 300     | IX    | PE | active   |
| 2030  | 490.0 | [D] | L2I   | Bahia Blanca                  | ARG | Argentina    | \$06D | 38° 43' S | 62° 06' W  | FF81wg | 280     | VI    | SS | active   |
| 2040  | 490.0 | [E] | TFA   | Saudanes                      | ISL | Iceland      | \$03D | 36° 53' N | 30° 42' E  | KM56iv | 450     | I     | IS | active   |

|      |       |     |     |               |     |           |       |           |            |        |     |     |     |         |
|------|-------|-----|-----|---------------|-----|-----------|-------|-----------|------------|--------|-----|-----|-----|---------|
| 2040 | 490.0 | [E] | FRC | CROSS Corsen  | FRA | France    | \$04D | 50° 11' N | 66° 07' W  | FO60we | 300 | II  | FF  | active  |
| 2040 | 490.0 | [E] | IQM | Mondolfo      | ITA | Italy     | \$09D | 28° 59' N | 50° 50' E  | LL58kx | 320 | III | IT  | active  |
| 2040 | 490.0 | [E] | L2P | Mar del Plata | ARG | Argentina | \$06D | 38° 43' S | 62° 06' W  | FF81wg | 280 | VI  | SS  | active  |
| 2050 | 490.0 | [F] | 9AS | Hvar          | HRV | Croatia   | \$03F | 43° 30' N | 16° 29' E  | JN83fe | 150 | III | SR? | testing |
| 2050 | 490.0 | [F] | L2B | Buenos Aires  | ARG | Argentina | \$06F | 34° 36' S | 58° 22' W  | GF05tj | 560 | VI  | SS  | active  |
| 2050 | 490.0 | [F] | XVT | Da Nang       | VTN | Vietnam   | \$11F | 16° 03' N | 108° 12' E | OK46cb | 400 | XI  | VV  | active  |

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|      |       |     |         |                             |     |             |       |           |            |        |         |     |    |         |
|------|-------|-----|---------|-----------------------------|-----|-------------|-------|-----------|------------|--------|---------|-----|----|---------|
| 2100 | 490.0 | [G] | CTV-251 | Penalva (CENCOMAR)          | POR | Portugal    | \$02G | 38° 36' N | 09° 02' W  | IM58lo | 520     | II  | PP | active  |
| 2100 | 490.0 | [G] | 4LR     | Poti                        | GEO | Georgia     | \$03G | 42° 08' N | 41° 40' E  | LN02td | 350     | III | GE | active  |
| 2100 | 490.0 | [G] | CBA     | Antofagasta                 | CHL | Chile       | \$15G | 23° 30' S | 70° 25' W  | FG46sm | 400     | XV  | SS | active  |
| 2110 | 490.0 | [H] | CBV     | Valparaíso (Playa Ancha)    | CHL | Chile       | \$15H | 33° 05' S | 71° 37' W  | FF46ev | 300     | XV  | SS | active  |
| 2120 | 490.0 | [I] | GNI     | Niton                       | ENG | England     | \$01I | 50° 35' N | 01° 15' W  | IO90jo | 270     | I   | EE | active  |
| 2120 | 490.0 | [I] | ICH     | La Maddelana                | SAR | Sardinia    | \$03I | 41° 13' N | 09° 23' E  | JN41qf | 320     | III | IT | active  |
| 2120 | 490.0 | [I] | EQI     | Bandar-e-Shahid Rajai       | IRN | Iran        | \$09I | 27° 07' N | 56° 04' E  | LL87ac | 300     | IX  | PE | active  |
| 2120 | 490.0 | [I] |         | Puerto Princesa             | PHL | Philippines | \$11I | 09° 44' N | 118° 44' E | OJ99ir | 320     | XI  | ?? | planned |
| 2120 | 490.0 | [I] | CBT     | Talcahuano                  | CHL | Chile       | \$15I | 36° 41' S | 73° 07' W  | FF33kh | 400     | XV  | SS | active  |
| 2130 | 490.0 | [J] | CTH     | Sao Miguel (CENCOMARACORES) | AZR | Azores      | \$02J | 37° 48' N | 25° 33' W  | HM77ft | 300     | II  | PP | active  |
| 2130 | 490.0 | [J] |         | Fereydoon Kenar             | IRN | Iran        | \$03J | 36° 42' N | 52° 33' E  | LM66gq | 250     | III | PE | active  |
| 2130 | 490.0 | [J] | VCO     | Port Caledonia CG, NS       | CAN | Canada      | \$04J | 46° 11' N | 59° 54' W  | GN06be | 300     | IV  | FF | active  |
| 2130 | 490.0 | [J] |         | Chukpyon                    | KOR | South Korea | \$11J | 37° 03' N | 129° 26' E | PM47rb | 200     | XI  | KO | active  |
| 2130 | 490.0 | [J] | CBP     | Puerto Montt                | CHL | Chile       | \$15J | 41° 29' S | 72° 57' W  | FE38mm | 400     | XV  | SS | active  |
| 2140 | 490.0 | [K] | TFA     | Grindavik                   | ISL | Iceland     | \$01K | 63° 47' N | 22° 31' W  | HP83rs | 450     | I   | IS | active  |
| 2140 | 490.0 | [K] | 7TA     | Ain Taya Radio              | ALG | Algeria     | \$03K | 35° 32' N | 03° 15' E  | JM16pt | 250     | III | FF | active  |
| 2140 | 490.0 | [K] | HJW     | Santa Marta                 | CLM | Colombia    | \$04K | 11° 03' N | 74° 13' W  | FK21vb | 300     | IV  | SS | active  |
| 2140 | 490.0 | [K] | HL      | Pyonsan (Byeonsan)          | KOR | South Korea | \$11K | 35° 36' N | 126° 29' E | PM35fo | 200     | XI  | KO | active  |
| 2140 | 490.0 | [K] | CBM     | Punta Arenas (Magallanes)   | CHL | Chile       | \$15K | 53° 10' S | 70° 53' W  | FD46nu | 400     | XV  | SS | active  |
| 2150 | 490.0 | [L] | DDH49   | Pinneberg                   | DEU | Germany     | \$01L | 53° 43' N | 09° 55' E  | JO43wr | 250-400 | I   | DD | active  |
| 2150 | 490.0 | [L] | YQI     | Constanta                   | ROU | Romania     | \$03L | 44° 06' N | 28° 37' E  | KN44hc | 250     | III | RO | active  |

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|------|-------|-----|-----|------------------------------|-----|------------|-------|-----------|-----------|--------|-----|------|----|----------|
| 2200 | 490.0 | [M] | 6VA | Dakar                        | SEN | Senegal    | \$02M | 14° 46' N | 17° 20' W | IK14hs | 250 | II   | FF | inactive |
| 2200 | 490.0 | [M] | CTQ | Porto Santo (CENCOMAMADEIRA) | MDR | Madeira    | \$02M | 33° 06' N | 16° 30' W | IM13sc | 300 | II   | PP | active   |
| 2200 | 490.0 | [M] | UBJ | Baku (Chilov)                | AZE | Azerbaijan | \$03M | 40° 19' N | 50° 36' E | LN50hh | 200 | III  | AZ | active   |
| 2200 | 490.0 | [M] | EAV | Valencia (Cabo de la Nao)    | ESP | Spain      | \$03M | 38° 43' N | 00° 11' E | JM08cr | 300 | III  | SS | active   |
| 2200 | 490.0 | [M] | S7Q | Mahé                         | SEY | Seychelles | \$08M | 04° 39' S | 55° 28' E | LI75ri | 250 | VIII | CR | active   |
| 2210 | 490.0 | [N] | IGS | Piombino                     | ITA | Italy      | \$03N | 42° 55' N | 10° 32' E | JN52gv | 320 | III  | IT | active   |
| 2220 | 490.0 | [O] | UWT | Taganrog                     | RUS | Russia     | \$03O | 47° 14' N | 38° 56' E | KN97if |     | III  | EE | testing  |
| 2230 | 490.0 | [P] | D4A | São Vicente Radio            | CPV | Cape Verde | \$02P | 16° 51' N | 25° 00' W | HK76mu | 250 | II   | PP | active   |
| 2230 | 490.0 | [P] | SVK | Kerkyra                      | GRC | Greece     | \$03P | 39° 36' N | 19° 53' E | JM99wo | 400 | III  | GK | active   |

|       |       |     |       |                               |     |         |       |           |            |        |         |       |    |        |
|-------|-------|-----|-------|-------------------------------|-----|---------|-------|-----------|------------|--------|---------|-------|----|--------|
| 2240  | 490.0 | [Q] | SVH   | Irákleio (Crete)              | GRC | Greece  | \$03Q | 35° 19' N | 25° 46' E  | KM25vh | 280-400 | III   | GK | active |
| 2250  | 490.0 | [R] | SVL   | Limnos                        | GRC | Greece  | \$03R | 39° 54' N | 25° 11' E  | KM29ov | 400     | III   | GK | active |
| +++++ |       |     |       |                               |     |         |       |           |            |        |         |       |    |        |
| 2300  | 490.0 | [S] | FRL   | CROSS La Garde                | FRA | France  | \$03S | 43° 06' N | 05° 59' E  | JN23xc | 250     | III   | FF | active |
| 2300  | 490.0 | [S] | VFF   | Iqaluit CG, NU (May-Dec only) | CAN | Canada  | \$04S | 63° 44' N | 68° 33' W  | FP52rr | 150     | XVII  | FF | active |
| 2300  | 490.0 | [S] | VFF   | Iqaluit CG, NU (May-Dec only) | CAN | Canada  | \$04S | 63° 44' N | 68° 33' W  | FP52rr | 150     | XVIII | FF | active |
| 2310  | 490.0 | [T] | GNI   | Niton (N.France)              | ENG | England | \$01T | 50° 35' N | 01° 15' W  | IO90jo | 270     | I     | FF | active |
| 2310  | 490.0 | [T] | EAC   | Tarifa                        | ESP | Spain   | \$02T | 36° 02' N | 05° 33' W  | IM76fa | 400     | II    | SS | active |
| 2320  | 490.0 | [U] | GCC   | Cullercoats                   | ENG | England | \$01U | 55° 04' N | 01° 28' W  | IO95gb | 270     | I     | EE | active |
| 2320  | 490.0 | [U] | UKW   | Berdiansk                     | UKR | Ukraine | \$03U | 46° 38' N | 36° 29' E  | KN86jp | 250     | III   | EE | active |
| 2330  | 490.0 | [V] | VAR-9 | Chebogue, NB                  | CAN | Canada  | \$04V | 43° 45' N | 66° 10' W  | FN63ws | 300     | IV    | FF | active |
| 2330  | 490.0 | [V] |       | Lintou                        | TWN | Taiwan  | \$11V | 23° 33' N | 119° 38' E | OL93tn | 350     | XI    | CC | active |
| 2330  | 490.0 | [V] | XVR   | Vung Tau                      | VTN | Vietnam | \$11V | 10° 23' N | 107° 08' E | OK30nj | 400     | XI    | VV | active |
| 2340  | 490.0 | [W] | EAR   | Coruna                        | ESP | Spain   | \$02W | 43° 22' N | 08° 27' W  | IN53si | 400     | II    | SS | active |
| 2340  | 490.0 | [W] | ICI   | Sellia Marina                 | ITA | Italy   | \$03W | 38° 52' N | 16° 43' E  | JM88iu | 320     | III   | IT | active |
| 2340  | 490.0 | [W] |       | Um Qaşr                       | IRQ | Iraq    | \$09W | 30° 02' N | 47° 57' E  | LM30xa | 200     | IX    | EE | active |
| 2350  | 490.0 | [X] | UTT   | Odesa                         | UKR | Ukraine | \$03X | 46° 29' N | 30° 44' E  | KN56ii | 250     | III   | EE | active |
| 2350  | 490.0 | [X] | XSX   | Yenliaoken                    | TWN | Taiwan  | \$11X | 23° 54' N | 121° 36' E | PL03tv | 350     | XI    | CC | active |

# SECTION FOUR: 518.0 kHz:

# SORTED BY TIME ORDER

| UTC: | kHz:  | Slot: | Call: | Station Name:                     | COU: | Country:      | Rxx:  | Latitude: | Longitude: | Locator: | Range:<br>nm: | Area: | Lang: | Status:  |
|------|-------|-------|-------|-----------------------------------|------|---------------|-------|-----------|------------|----------|---------------|-------|-------|----------|
| 0000 | 518.0 | [A]   | UFN   | Novorossiysk                      | RUS  | Russia        | \$03A | 44° 36' N | 37° 58' E  | KN84xo   | 300           | III   | EE    | active   |
| 0000 | 518.0 | [A]   | NMA   | Miami, FL                         | USA  | United States | \$04A | 25° 30' N | 80° 23' W  | EL95to   | 240           | IV    | EE    | active   |
| 0000 | 518.0 | [A]   | CWM27 | La Paloma                         | URG  | Uruguay       | \$06A | 34° 40' S | 54° 09' W  | GF25wi   | 280           | VI    | EE    | inactive |
| 0000 | 518.0 | [A]   | EQM   | Bushehr                           | IRN  | Iran          | \$09A | 28° 58' N | 50° 50' E  | LL58kx   | 300           | IX    | EE    | active   |
| 0000 | 518.0 | [A]   | PNK   | Jayapura                          | INS  | Indonesia     | \$11A | 02° 31' S | 140° 43' E | QI07il   | 300           | XI    | EE    | active   |
| 0000 | 518.0 | [A]   | UIK   | Vladivostok                       | RSE  | Russia        | \$13A | 43° 23' N | 131° 54' E | PN53wj   | 280           | XIII  | EE    | active   |
| 0000 | 518.0 | [A]   | CBA   | Antofagasta                       | CHL  | Chile         | \$15A | 23° 30' S | 70° 25' W  | FG46sm   | 400           | XV    | EE    | active   |
| 0000 | 518.0 | [A]   | LGS   | Svalbard                          | SVB  | Svalbard      | \$19A | 78° 02' N | 13° 40' E  | JQ68ta   | 450           | XIX   | EE    | active   |
| 0010 | 518.0 | [B]   | 7TA   | Ain Taya Radio                    | ALG  | Algeria       | \$03B | 36° 48' N | 03° 15' E  | JM16pp   | 200           | III   | EE    | active   |
| 0010 | 518.0 | [B]   | ZBR   | Bermuda Harbour                   | BER  | Bermuda       | \$04B | 32° 21' N | 64° 39' W  | FM72qi   | 280           | IV    | EE    | active   |
| 0010 | 518.0 | [B]   | A9M   | Hamala                            | BHR  | Bahrain       | \$09B | 26° 09' N | 50° 28' E  | LL56fd   | 300           | IX    | EE    | active   |
| 0010 | 518.0 | [B]   | V5W   | Walvis Bay                        | NMB  | Namibia       | \$07B | 23° 03' S | 14° 37' E  | JG76hw   | 380           | VII   | EE    | inactive |
| 0010 | 518.0 | [B]   | PKE   | Ambon                             | INS  | Indonesia     | \$11B | 03° 42' S | 128° 12' E | PI46ch   | 300           | XI    | EE    | active   |
| 0010 | 518.0 | [B]   | UFO   | Kholmsk                           | RSE  | Russia        | \$13B | 47° 02' N | 142° 03' E | QN17aa   | 300           | XIII  | EE    | active   |
| 0010 | 518.0 | [B]   | CBV   | Valparaíso (Playa Ancha)          | CHL  | Chile         | \$15B | 33° 05' S | 71° 37' W  | FF46ev   | 300           | XV    | EE    | active   |
| 0010 | 518.0 | [B]   | LGP   | Bodø                              | NOR  | Norway        | \$19B | 67° 16' N | 14° 23' E  | JP77eg   | 450           | XIX   | EE    | active   |
| 0020 | 518.0 | [C]   | 6VA   | Dakar                             | SEN  | Senegal       | \$03C | 14° 46' N | 17° 20' W  | IK14hs   | 250           | II    | EE    | inactive |
| 0020 | 518.0 | [C]   | UTT   | Odesa                             | UKR  | Ukraine       | \$03C | 46° 29' N | 30° 44' E  | KN56il   | 250           | III   | EE    | active   |
| 0020 | 518.0 | [C]   | HJW   | Santa Marta                       | CLM  | Colombia      | \$04C | 11° 03' N | 74° 13' W  | FK21vb   | 300           | IV    | EE    | active   |
| 0020 | 518.0 | [C]   | VCK   | Moise CG, QC                      | CAN  | Canada        | \$04C | 50° 11' N | 66° 07' W  | FO60we   | 300           | IV    | EE    | active   |
| 0020 | 518.0 | [C]   | ZSC   | Cape Town                         | AFS  | South Africa  | \$07C | 33° 41' S | 18° 43' E  | JF96ih   | 500           | VII   | EE    | active   |
| 0020 | 518.0 | [C]   | 3BM   | Mauritius Radio (Cassis)          | MAU  | Mauritius     | \$08C | 20° 10' S | 57° 28' E  | LG89rt   | 400           | VIII  | EE    | active   |
| 0020 | 518.0 | [C]   | 9VG   | Singapore                         | SNG  | Singapore     | \$11C | 01° 20' N | 103° 42' E | OJ11uh   | 400           | XI    | EE    | active   |
| 0020 | 518.0 | [C]   | NMC   | San Francisco (Point Reyes)       | USA  | United States | \$12C | 37° 55' N | 122° 43' W | CM87pv   | 350           | XII   | EE    | active   |
| 0020 | 518.0 | [C]   | UBA2  | Petropavlovsk                     | RSE  | Russia        | \$13C | 53° 15' N | 158° 25' E | QO93eg   | 280           | XIII  | EE    | active   |
| 0020 | 518.0 | [C]   | CBT   | Talcahuano                        | CHL  | Chile         | \$15C | 36° 41' S | 73° 07' W  | FF33kh   | 400           | XV    | EE    | active   |
| 0020 | 518.0 | [C]   | LGV   | Vardø Radio                       | NOR  | Norway        | \$19C | 70° 22' N | 31° 06' E  | KQ50ni   | 450           | XIX   | EE    | active   |
| 0030 | 518.0 | [D]   | OXJ   | Tórshavn                          | FRO  | Faroes        | \$01D | 62° 01' N | 06° 48' W  | IP62oa   | 250           | I     | EE    | active   |
| 0030 | 518.0 | [D]   | EAR   | Coruna                            | ESP  | Spain         | \$02D | 43° 22' N | 08° 27' W  | IN53si   | 400           | II    | EE    | active   |
| 0030 | 518.0 | [D]   | TAH   | Istanbul                          | TUR  | Turkey        | \$03D | 41° 04' N | 28° 57' E  | KN41lb   | 300           | III   | EE    | active   |
| 0030 | 518.0 | [D]   | PKF   | Makassar                          | INS  | Indonesia     | \$11D | 05° 06' S | 119° 26' E | QI94rv   | 300           | XI    | EE    | active   |
| 0030 | 518.0 | [D]   | HMZ   | Pyongyang                         | KRE  | North Korea   | \$12D | 38° 55' N | 125° 43' E | PM28uv   | 200           | XI    | EE    | active   |
| 0030 | 518.0 | [D]   | VAJ   | Digby Island (Prince Rupert MCTS) | CAN  | Canada        | \$12D | 54° 18' N | 130° 25' W | CO44th   | 300           | XII   | EE    | active   |
| 0030 | 518.0 | [D]   | UIB   | Magadan                           | RSE  | Russia        | \$13D | 59° 41' N | 150° 09' E | QO59bg   | 120           | XIII  | EE    | active   |
| 0030 | 518.0 | [D]   | CBP   | Puerto Montt                      | CHL  | Chile         | \$15D | 41° 29' S | 72° 57' W  | FE38mm   | 400           | XV    | EE    | active   |
| 0040 | 518.0 | [E]   | GNI   | Niton                             | ENG  | England       | \$01E | 50° 35' N | 01° 15' W  | IO90jo   | 270           | I     | EE    | active   |
| 0040 | 518.0 | [E]   | TAF   | Samsun                            | TUR  | Turkey        | \$03E | 41° 17' N | 36° 20' E  | KN81eg   | 300           | III   | EE    | active   |
| 0040 | 518.0 | [E]   | NMB   | Charleston, SC                    | USA  | United States | \$04E | 32° 08' N | 79° 57' W  | FM02ad   | 200           | IV    | EE    | active   |
| 0040 | 518.0 | [E]   | PKX   | Jakarta                           | INS  | Indonesia     | \$11E | 06° 07' S | 106° 52' E | OI33kv   | 300           | XI    | EE    | active   |
| 0040 | 518.0 | [E]   | HMH   | Hamhung                           | KRE  | North Korea   | \$12E | 39° 50' N | 127° 41' E | PM39uu   | 200           | XI    | EE    | active   |
| 0040 | 518.0 | [E]   | CBM   | Punta Arenas (Magallenes)         | CHL  | Chile         | \$15E | 53° 10' S | 70° 54' W  | FD46nu   | 400           | XV    | EE    | active   |
| 0040 | 518.0 | [E]   | UCT2  | Beringovskiy                      | RSE  | Russia        | \$21E | 63° 03' N | 179° 20' E | RP93qb   | 250           | XXI   | EE    | planned  |

|      |       |     |     |                             |     |               |       |           |            |        |     |     |    |          |
|------|-------|-----|-----|-----------------------------|-----|---------------|-------|-----------|------------|--------|-----|-----|----|----------|
| 0050 | 518.0 | [F] | ESA | Tallinn                     | EST | Estonia       | \$01F | 59° 30' N | 24° 30' E  | KO29gm | 300 | I   | EE | active   |
| 0050 | 518.0 | [F] | CTH | Sao Miguel (CENCOMARACORES) | AZR | Azores        | \$02F | 37° 48' N | 25° 33' W  | HM77ft | 300 | II  | EE | active   |
| 0050 | 518.0 | [F] | TAL | Antalya                     | TUR | Turkey        | \$03F | 36° 53' N | 30° 42' E  | KM56lv | 300 | III | EE | active   |
| 0050 | 518.0 | [F] | NMF | Boston, MA                  | USA | United States | \$04F | 41° 43' N | 70° 31' W  | FN41sr | 200 | IV  | EE | active   |
| 0050 | 518.0 | [F] | EQI | Bandar-e-Shahid Rajai       | IRN | Iran          | \$09F | 27° 08' N | 57° 04' E  | LL87ac | 300 | IX  | EE | active   |
| 0050 | 518.0 | [F] | HAS | Bangkok (Nonthaburi)        | THA | Thailand      | \$11F | 13° 01' N | 100° 01' E | OK03aa | 200 | XI  | EE | active   |
| 0050 | 518.0 | [F] | CBY | Isla de Pascua              | PAQ | Easter Island | \$15F | 27° 09' S | 109° 25' W | DG52gu | 300 | XV  | EE | inactive |
| 0050 | 518.0 | [F] | UCZ | Provideniya                 | RSE | Russia        | \$21F | 64° 40' N | 173° 10' E | RP64nq | 250 | XXI | EE | planned  |

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|------|-------|-----|------|-----------------|-----|---------------|-------|-----------|------------|--------|-----|------|----|----------|
| 0100 | 518.0 | [G] | GCC  | Cullercoats     | ENG | England       | \$01G | 55° 04' N | 01° 28' W  | IO95gb | 270 | I    | EE | active   |
| 0100 | 518.0 | [G] | EAC  | Tarifa          | ESP | Spain         | \$02G | 36° 02' N | 05° 33' W  | IM76fa | 400 | II   | EE | active   |
| 0100 | 518.0 | [G] | UKW  | Berdiansk       | UKR | Ukraine       | \$03G | 45° 23' N | 36° 28' E  | KN86jp | 250 | III  | EE | active   |
| 0100 | 518.0 | [G] | NMG  | New Orleans, LA | USA | United States | \$04G | 29° 53' N | 89° 55' W  | EL59av | 200 | IV   | EE | active   |
| 0100 | 518.0 | [G] | L6I  | Rosairo         | ARG | Argentina     | \$06G | 32° 57' S | 60° 40' W  | FF97qb | 280 | VI   | EE | inactive |
| 0100 | 518.0 | [G] | HZG  | Dammam          | ARS | Saudi Arabia  | \$09G | 26° 26' N | 50° 06' E  | LL56bk | 390 | IX   | EE | inactive |
| 0100 | 518.0 | [G] | JNB  | Naha            | JPN | Japan         | \$11G | 26° 09' N | 127° 46' E | PL36vd | 400 | XI   | EE | active   |
| 0100 | 518.0 | [G] | UCV2 | Okhotsk         | RSE | Russia        | \$13G | 59° 22' N | 143° 12' E | QO19oi | 300 | XIII | EE | active   |

|      |       |     |        |                                       |     |                      |       |           |            |        |         |      |    |          |
|------|-------|-----|--------|---------------------------------------|-----|----------------------|-------|-----------|------------|--------|---------|------|----|----------|
| 0110 | 518.0 | [H] | SDJ    | Bjuröklubb                            | SWE | Sweden               | \$01H | 64° 28' N | 21° 36' E  | KP04tl | 300     | I    | EE | active   |
| 0110 | 518.0 | [H] | SVH    | Irakleio (Crete)                      | GRC | Greece               | \$02H | 35° 19' N | 25° 45' E  | KM25vh | 280-400 | III  | EE | active   |
| 0110 | 518.0 | [H] | JPC    | Curacao                               | ATN | Netherlands Antilles | \$03H | 12° 10' N | 68° 52' W  | FK52ne | 250     | IV   | EE | active   |
| 0110 | 518.0 | [H] | XMJ329 | Ferndale CG, ON (VBR)                 | CAN | Canada               | \$04H | 45° 42' N | 75° 31' W  | FN25fq | 300     | IV   | EE | active   |
| 0110 | 518.0 | [H] |        | Veraval (Gujarat)                     | IND | India                | \$08H | 20° 54' N | 70° 23' E  | ML50ev | 250     | VIII | EE | active   |
| 0110 | 518.0 | [H] | HZH    | Jeddah                                | ARS | Saudi Arabia         | \$09H | 21° 23' N | 39° 11' E  | KL91oj | 390     | IX   | EE | inactive |
| 0110 | 518.0 | [H] | JNR    | Moji                                  | JPN | Japan                | \$11H | 33° 52' N | 130° 36' E | PM53hu | 400     | XI   | EE | active   |
| 0110 | 518.0 | [H] | XLK835 | Amphritite Point (Prince Rupert MCTS) | CAN | Canada               | \$12H | 48° 56' N | 125° 32' W | CN78fw | 300     | XII  | EE | active   |

|      |       |     |     |                 |     |              |       |           |            |        |     |       |    |          |
|------|-------|-----|-----|-----------------|-----|--------------|-------|-----------|------------|--------|-----|-------|----|----------|
| 0120 | 518.0 | [I] | SDJ | Grimeton        | SWE | Sweden       | \$01I | 57° 06' N | 12° 23' E  | JO67ec | 300 | I     | EE | active   |
| 0120 | 518.0 | [I] | EAL | Las Palmas      | CNR | Canary Isles | \$02I | 28° 26' N | 16° 20' W  | IL18tk | 400 | II    | EE | active   |
| 0120 | 518.0 | [I] | TAN | Izmir           | TUR | Turkey       | \$03I | 38° 17' N | 26° 16' E  | KM38dg | 300 | III   | EE | active   |
| 0120 | 518.0 | [I] | ZSQ | Port Elizabeth  | AFS | South Africa | \$07I | 34° 02' S | 25° 33' E  | KF25sx | 500 | VII   | EE | active   |
| 0120 | 518.0 | [I] | DVS | Puerto Princesa | PHL | Philippines  | \$11I | 09° 44' N | 121° 03' E | OJ99ir | 320 | XI    | EE | active   |
| 0120 | 518.0 | [I] | JGC | Yokohama        | JPN | Japan        | \$11I | 35° 14' N | 139° 55' E | PM95wf | 400 | XI    | EE | active   |
| 0120 | 518.0 | [I] | OYN | Upernavik       | GRL | Greenland    | \$17I | 72° 47' N | 56° 12' W  | GQ12vs | 300 | XVIII | EE | on trial |

|      |       |     |     |                        |     |             |       |           |            |        |     |      |    |        |
|------|-------|-----|-----|------------------------|-----|-------------|-------|-----------|------------|--------|-----|------|----|--------|
| 0130 | 518.0 | [J] | SDJ | Gislövshammar          | SWE | Sweden      | \$01J | 55° 29' N | 14° 19' E  | JO75dl | 300 | I    | EE | active |
| 0130 | 518.0 | [J] | LZW | Varna                  | BUL | Bulgaria    | \$03J | 43° 04' N | 27° 46' E  | KN33vb | 350 | III  | EE | active |
| 0130 | 518.0 | [J] | VUU | Vengrula (Maharashtra) | IND | India       | \$08J | 15° 51' N | 73° 37' E  | MK65tu | 250 | VIII | EE | active |
| 0130 | 518.0 | [J] | DZS | Manila                 | PHL | Philippines | \$11J | 14° 30' N | 121° 04' E | PK04mm | 320 | XI   | EE | active |
| 0130 | 518.0 | [J] | JNL | Otaru                  | JPN | Japan       | \$11J | 43° 12' N | 141° 00' E | QN03me | 400 | XI   | EE | active |
| 0130 | 518.0 | [J] | NOJ | Kodiak (east of)       | ALS | Alaska      | \$12J | 57° 46' N | 152° 34' W | BO37rs | 200 | XII  | EE | active |

|      |       |     |     |                  |     |         |       |           |            |        |     |     |    |        |
|------|-------|-----|-----|------------------|-----|---------|-------|-----------|------------|--------|-----|-----|----|--------|
| 0140 | 518.0 | [K] | GNI | Niton (N.France) | ENG | England | \$01K | 50° 35' N | 01° 15' W  | IO93jo | 270 | I   | EE | active |
| 0140 | 518.0 | [K] | SVK | Kerkyra          | GRC | Greece  | \$03K | 39° 36' N | 19° 53' E  | JM99wo | 400 | III | EE | active |
| 0140 | 518.0 | [K] | XVT | Da Nang          | VTN | Vietnam | \$11K | 16° 03' N | 108° 12' E | OK46cb | 400 | XI  | EE | active |
| 0140 | 518.0 | [K] | JNX | Kushiro          | JPN | Japan   | \$11K | 42° 59' N | 144° 23' E | QN22ex | 400 | XI  | EE | active |
| 0140 | 518.0 | [K] | UHS | Murmansk         | RUS | Russia  | \$20K | 68° 46' N | 32° 58' E  | KP68ls | 140 | XX  | EE | active |

|      |       |     |     |          |     |        |       |           |           |        |     |   |    |        |
|------|-------|-----|-----|----------|-----|--------|-------|-----------|-----------|--------|-----|---|----|--------|
| 0150 | 518.0 | [L] | LGQ | Rogaland | NOR | Norway | \$01L | 58° 39' N | 05° 36' E | JO28tp | 450 | I | EE | active |
|------|-------|-----|-----|----------|-----|--------|-------|-----------|-----------|--------|-----|---|----|--------|

|       |       |     |        |                                  |     |               |       |           |            |        |         |      |    |          |
|-------|-------|-----|--------|----------------------------------|-----|---------------|-------|-----------|------------|--------|---------|------|----|----------|
| 0150  | 518.0 | [L] | SVL    | Limnos                           | GRC | Greece        | \$03L | 39° 54' N | 25° 11' E  | KM29ov | 400     | III  | EE | active   |
| 0150  | 518.0 | [L] |        | Muttam Point (Tamil Nadu)        | IND | India         | \$08L | 08° 07' N | 77° 19' E  | MJ88pc | 250     | VIII | EE | active   |
| 0150  | 518.0 | [L] | VRX    | Hong Kong                        | CHN | China         | \$11L | 22° 13' N | 114° 15' E | OL72df | 250     | XI   | EE | active   |
| 0150  | 518.0 | [L] | HCY    | Ayora                            | GAL | Galapagos     | \$12L | 00° 45' S | 90° 19' W  | EI49ug | 250-400 | XII  | EE | active   |
| 0150  | 518.0 | [L] | UGE    | Arkhangelsk                      | RUS | Russia        | \$20L | 64° 51' N | 40° 17' E  | LP04du | 280     | XX   | EE | active   |
| +++++ |       |     |        |                                  |     |               |       |           |            |        |         |      |    |          |
| 0200  | 518.0 | [M] | LGT    | Jeloya                           | NOR | Norway        | \$01M | 59° 26' N | 10° 35' E  | JO59hk | 450     | I    | EE | active   |
| 0200  | 518.0 | [M] | CNP    | Casablanca                       | MRC | Morocco       | \$02M | 33° 36' N | 07° 38' W  | IM63eo | 180     | II   | EE | planned  |
| 0200  | 518.0 | [M] | 5BA    | Cyprus                           | CYP | Cyprus        | \$03M | 35° 02' N | 33° 17' E  | KM65pb | 220     | III  | EE | active   |
| 0200  | 518.0 | [M] | OXF    | Simiutaq                         | GRL | Greenland     | \$04M | 60° 61' N | 64° 35' W  | GP60qq | 300     | IV   | EE | on trial |
| 0200  | 518.0 | [M] | L3K    | Ushuaia                          | ARG | Argentina     | \$06M | 54° 48' S | 68° 18' W  | FD55ue | 280     | VI   | EE | active   |
| 0200  | 518.0 | [M] | A4M    | Wattayah/Muscat                  | OMA | Oman          | \$09M | 23° 36' N | 58° 30' E  | LL93go | 270     | IX   | EE | active   |
| 0200  | 518.0 | [M] | XSI    | Sanya                            | CHN | China         | \$11M | 18° 17' N | 109° 21' E | OK48qq | 250     | XI   | EE | active   |
| 0200  | 518.0 | [M] | HCG    | Guayaquil                        | EQA | Equador       | \$12M | 02° 16' S | 79° 62' W  | FI07br |         | XII  | EE | active   |
| 0200  | 518.0 | [M] |        | Sabetta                          | RSE | Russia        | \$20M | 71° 17' N | 72° 01' E  | MQ61ag | 250     | XX   | EE | testing  |
| 0210  | 518.0 | [N] | LFO    | Orlandet Radio (Grande site)     | NOR | Norway        | \$01N | 63° 40' N | 09° 33' E  | JP43sp | 450     | I    | EE | active   |
| 0210  | 518.0 | [N] | SUH    | Alexandria                       | EGY | Egypt         | \$03N | 31° 12' N | 29° 52' E  | KM41we | 350     | III  | EE | active   |
| 0210  | 518.0 | [N] | NMN    | Portsmouth, VA                   | USA | United States | \$04N | 36° 44' N | 76° 01' W  | FM26ar | 280     | IV   | EE | active   |
| 0210  | 518.0 | [N] | L3D    | Rio Gallegos                     | ARG | Argentina     | \$06N | 51° 37' S | 69° 13' W  | FD58jj | 280     | VI   | EE | active   |
| 0210  | 518.0 | [N] | XSQ    | Guangzhou                        | CHN | China         | \$11N | 23° 09' N | 113° 29' E | OL63sd | 250     | XI   | EE | active   |
| 0210  | 518.0 | [N] |        | Mys Sterlegova                   | RSE | Russia        | \$20N | 75° 24' N | 88° 46' E  | NQ45jj | 300     | XX   | EE | planned  |
| 0220  | 518.0 | [O] | GPK    | Portpatrick                      | SCT | Scotland      | \$01O | 54° 51' N | 05° 07' W  | IO74ku | 270     | I    | EE | active   |
| 0220  | 518.0 | [O] | 9HD    | Malta                            | MLT | Malta         | \$03O | 35° 51' N | 14° 29' E  | JM75fu | 400     | III  | EE | active   |
| 0220  | 518.0 | [O] | VON    | Robin Hood Bay                   | CAN | Canada        | \$04O | 47° 37' N | 52° 40' W  | GN37qo | 300     | IV   | EE | active   |
| 0220  | 518.0 | [O] | L2W    | Comodoro Rivadavia               | ARG | Argentina     | \$06O | 45° 51' S | 67° 25' W  | FE64gd | 280     | VI   | EE | active   |
| 0220  | 518.0 | [O] | ZSD    | Durban                           | AFS | South Africa  | \$07O | 29° 48' S | 30° 49' E  | KG50je | 250     | VII  | EE | active   |
| 0220  | 518.0 | [O] |        | Porto Novo (Tamil Nadu)          | IND | India         | \$08O | 11° 30' N | 79° 46' E  | MK91vm | 250     | VIII | EE | active   |
| 0220  | 518.0 | [O] | XSL    | Fuzhou                           | CHN | China         | \$11O | 26° 02' N | 119° 18' E | OL96ra | 250     | XI   | EE | active   |
| 0220  | 518.0 | [O] |        | Buenaventura                     | CLM | Colombia      | \$04O | 03° 54' N | 77° 03' W  | FJ13lv | 300     | XII  | EE | active   |
| 0220  | 518.0 | [O] | NMO    | Honolulu, HI                     | HWA | Hawaii        | \$12O | 21° 22' N | 158° 09' W | BL01wi | 350     | XII  | EE | active   |
| 0230  | 518.0 | [P] | PBK    | Netherlands Coastguard           | HOL | Netherlands   | \$01P | 52° 55' N | 04° 14' E  | JO22cv | 250     | I    | EE | active   |
| 0230  | 518.0 | [P] | CTQ    | Porto Santo (CENCOMAMADEIRA)     | MDR | Madeira       | \$02P | 33° 06' N | 16° 30' W  | IM13sc | 300     | II   | PP | active   |
| 0230  | 518.0 | [P] | 4XO    | Haifa                            | ISR | Israel        | \$03P | 32° 54' N | 35° 07' E  | KM72mt | 200     | III  | EE | active   |
| 0230  | 518.0 | [P] | XLJ895 | Pass Lake CG (VBA), ON           | CAN | Canada        | \$04P | 48° 26' N | 89° 13' W  | EN58qn | 300     | IV   | EE | active   |
| 0230  | 518.0 | [P] | L2I    | Bahia Blanca                     | ARG | Argentina     | \$06P | 38° 43' S | 62° 06' W  | FF81wg | 280     | VI   | EE | active   |
| 0230  | 518.0 | [P] | ASK    | Karachi                          | PAK | Pakistan      | \$09P | 24° 51' N | 67° 03' E  | ML34mu | 200     | IX   | EE | active   |
| 0230  | 518.0 | [P] |        | Linyuan                          | TWN | Taiwan        | \$11P | 22° 29' N | 120° 25' E | PL02fl | 350     | XI   | EE | active   |
| 0240  | 518.0 | [Q] | EJM    | Malin Head Coast Guard           | IRL | Ireland       | \$01Q | 55° 22' N | 07° 21' W  | IO65hi | 400     | I    | EE | active   |
| 0240  | 518.0 | [Q] | 9AS    | Split                            | HRV | Croatia       | \$03Q | 43° 30' N | 16° 29' E  | JN83fm | 150     | III  | EE | active   |
| 0240  | 518.0 | [Q] | VCO    | Port Caledonia CG, NS            | CAN | Canada        | \$04Q | 46° 11' N | 59° 54' W  | GN06be | 300     | IV   | EE | active   |
| 0240  | 518.0 | [Q] | L2P    | Mar del Plata                    | ARG | Argentina     | \$06Q | 38° 03' S | 57° 32' W  | GF11fw | 280     | VI   | EE | active   |
| 0240  | 518.0 | [Q] |        | Vakalpudi (Andhra Pradesh)       | IND | India         | \$08Q | 17° 00' N | 82° 17' E  | NK17da | 250     | VIII | EE | active   |
| 0240  | 518.0 | [Q] | XSG    | Shanghai                         | CHN | China         | \$11Q | 31° 07' N | 121° 33' E | PM01sc | 250     | XI   | EE | active   |
| 0240  | 518.0 | [Q] | NMQ    | Long Beach, CA (Cambria)         | USA | United States | \$12Q | 35° 31' N | 121° 03' W | CM95lm | 350     | XII  | EE | active   |
| 0240  | 518.0 | [Q] | UAL    | Tiksi (1st July to 30th October) | RSE | Russia        | \$21Q | 71° 38' N | 128° 50' E | PQ41kp | 300     | XXI  | EE | active   |

|      |       |     |         |                         |     |             |       |           |            |        |     |     |    |        |
|------|-------|-----|---------|-------------------------|-----|-------------|-------|-----------|------------|--------|-----|-----|----|--------|
| 0250 | 518.0 | [R] | TFA     | Saudanes                | ISL | Iceland     | \$01R | 66° 11' N | 18° 57' W  | IP06me | 450 | I   | EE | active |
| 0250 | 518.0 | [R] | CTV-251 | Penalva (CENCOMAR)      | POR | Portugal    | \$02R | 38° 36' N | 09° 02' W  | IM58lo | 530 | II  | EE | active |
| 0250 | 518.0 | [R] | UBJ     | Baku (Chilov)           | AZE | Azerbaijan  | \$03R | 40° 19' N | 50° 36' E  | LN50hh | 200 | III | EE | active |
| 0250 | 518.0 | [R] | ICH     | La Maddalena            | SAR | Sardinia    | \$03R | 41° 13' N | 09° 23' E  | JN41qf | 320 | III | EE | active |
| 0250 | 518.0 | [R] | NMR     | Isabella - San Juan, PR | PTR | Puerto Rico | \$04R | 18° 28' N | 67° 04' W  | FK68ll | 200 | IV  | EE | active |
| 0250 | 518.0 | [R] | L2B     | Buenos Aires            | ARG | Argentina   | \$06R | 34° 36' S | 58° 22' W  | GF05tj | 560 | VI  | EE | active |
| 0250 | 518.0 | [R] | XSZ     | Dalian                  | CHN | China       | \$11R | 38° 51' N | 121° 31' E | PM08su | 250 | XI  | EE | active |
| 0250 | 518.0 | [R] |         | Davao                   | PHL | Philippines | \$11R | 07° 04' N | 125° 36' E | PJ27tb | 320 | XI  | EE | active |

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|      |       |     |       |                   |     |          |       |           |            |        |         |      |       |         |
|------|-------|-----|-------|-------------------|-----|----------|-------|-----------|------------|--------|---------|------|-------|---------|
| 0300 | 518.0 | [S] | DDH51 | Pinneberg         | DEU | Germany  | \$01S | 53° 43' N | 09° 55' E  | JO43wr | 250-400 | I    | EE    | active  |
| 0300 | 518.0 | [S] | DWT   | Lagos             | NIG | Nigeria  | \$02S | 06° 26' N | 03° 18' E  | JJ16pk | 200-260 | II   | EE    | planned |
| 0300 | 518.0 | [S] |       | Balasore (Orissa) | IND | India    | \$08S | 21° 29' N | 86° 55' E  | NL31ll | 250     | VIII | EE    | active  |
| 0300 | 518.0 | [S] | 9WH21 | Sandakan          | MLA | Malaysia | \$11S | 05° 54' N | 118° 00' E | OJ95av | 350     | XI   | EE    | active  |
| 0300 | 518.0 | [S] | XSV   | Tianjin           | CHN | China    | \$11S | 39° 02' N | 117° 26' E | OM89ra | 250     | XI   | EE    | active  |
| 0300 | 518.0 | [S] | OB2   | Paita             | PRU | Peru     | \$16S | 05° 06' S | 81° 07' W  | EI94kv | 400     | XVI  | EE/SS | active  |

|      |       |     |       |                                |     |            |       |           |            |        |     |      |    |           |
|------|-------|-----|-------|--------------------------------|-----|------------|-------|-----------|------------|--------|-----|------|----|-----------|
| 0310 | 518.0 | [T] | OST   | Oostende                       | BEL | Belgium    | \$01T | 51° 11' N | 02° 48' E  | JO11je | 110 | I    | EE | active    |
| 0310 | 518.0 | [T] | 3VL   | Kelibia (broadcasts via Malta) | TUN | Tunisia    | \$03T | 36° 48' N | 11° 02' E  | JM56mt | 270 | III  | EE | via Malta |
| 0310 | 518.0 | [T] | S7Q   | Mahé                           | SEY | Seychelles | \$08T | 04° 39' S | 55° 28' E  | LI75ri | 250 | VIII | EE | active    |
| 0310 | 518.0 | [T] | 9WW21 | Miri (Sarawak)                 | MLA | Malaysia   | \$11T | 04° 26' N | 114° 01' E | OJ74ak | 350 | XI   | EE | active    |
| 0310 | 518.0 | [T] | VFF   | Iqaluit CG, NU (May-Dec only)  | CAN | Canada     | \$18T | 63° 44' N | 68° 33' W  | FP53rr | 150 | IV   | EE | active    |

|      |       |     |       |                   |     |              |       |           |            |        |     |     |       |          |
|------|-------|-----|-------|-------------------|-----|--------------|-------|-----------|------------|--------|-----|-----|-------|----------|
| 0320 | 518.0 | [U] | D4A   | São Vicente Radio | CPV | Cape Verde   | \$02U | 16° 51' N | 25° 00' W  | HK76mu | 250 | II  | EE    | active   |
| 0320 | 518.0 | [U] | IQM   | Mondolfo          | ITA | Italy        | \$03U | 43° 44' N | 13° 08' E  | JN63ns | 320 | III | EE    | active   |
| 0320 | 518.0 | [U] | VAR-9 | Chebogue, NB      | CAN | Canada       | \$04U | 45° 14' N | 65° 59' W  | FN63ws | 300 | IV  | EE    | active   |
| 0320 | 518.0 | [U] | ZSM   | Cape Columbine    | AFS | South Africa | \$07U | 32° 49' S | 17° 51' E  | JF87we | 300 | VII | EE    | active   |
| 0320 | 518.0 | [U] | 9MG   | Penang            | MLA | Malaysia     | \$11U | 05° 25' N | 100° 24' E | OJ05ek | 350 | XI  | EE    | active   |
| 0320 | 518.0 | [U] | OBC3  | Callao            | PRU | Peru         | \$16U | 12° 04' S | 77° 09' W  | FH17kw | 400 | XVI | EE/SS | inactive |

|      |       |     |     |                         |     |             |       |           |            |        |     |      |    |        |
|------|-------|-----|-----|-------------------------|-----|-------------|-------|-----------|------------|--------|-----|------|----|--------|
| 0330 | 518.0 | [V] | OST | Oostende (Thames)       | BEL | Belgium     | \$01U | 51° 11' N | 02° 48' E  | JO11je | 150 | I    | EE | active |
| 0330 | 518.0 | [V] | ICI | Sellia Marina           | ITA | Italy       | \$03V | 38° 52' N | 16° 43' E  | JM88iu | 320 | III  | EE | active |
| 0330 | 518.0 | [V] | VWP | Keating Point (Andaman) | IND | India       | \$08V | 09° 15' N | 92° 46' E  | NJ69jg | 250 | VIII | EE | active |
| 0330 | 518.0 | [V] | SUK | Kosseir (Al Qusayr)     | EGY | Egypt       | \$09V | 26° 06' N | 34° 17' E  | KL76dc | 350 | IX   | EE | active |
| 0330 | 518.0 | [V] | HL  | Chukpyon                | KOR | South Korea | \$11V | 37° 03' N | 129° 26' E | PM47rb | 200 | XI   | EE | active |
| 0330 | 518.0 | [V] | NRV | Guam                    | GUM | Guam        | \$11V | 13° 29' N | 144° 50' E | QK23kl | 100 | XI   | EE | active |

|      |       |     |      |                      |     |                  |       |           |            |        |     |     |       |        |
|------|-------|-----|------|----------------------|-----|------------------|-------|-----------|------------|--------|-----|-----|-------|--------|
| 0340 | 518.0 | [W] | EJK  | Valentia Coast Guard | IRL | Ireland          | \$01W | 51° 56' N | 10° 21' W  | IO41tw | 400 | I   | EE    | active |
| 0340 | 518.0 | [W] | UJB  | Astrakhan            | RUS | Russia (Caspian) | \$03W | 45° 47' N | 47° 33' E  | LN35ss | 250 | III | EE    | active |
| 0340 | 518.0 | [W] | FRL  | CROSS La Garde       | FRA | France           | \$03W | 43° 06' N | 05° 59' E  | JN23xc | 250 | III | EE    | active |
| 0340 | 518.0 | [W] | OXI  | Nuuk (Kook Island)   | GRL | Greenland        | \$04W | 64° 04' N | 52° 02' W  | GP34xb | 400 | IV  | EE    | active |
| 0340 | 518.0 | [W] | HL   | Pyonsan (Byeonsan)   | KOR | South Korea      | \$11W | 35° 36' N | 126° 29' E | PM35fo | 200 | XI  | EE    | active |
| 0340 | 518.0 | [W] | NMW  | Astoria, OR          | USA | United States    | \$12W | 46° 12' N | 123° 57' W | CN86ae | 216 | XII | EE    | active |
| 0340 | 518.0 | [W] | OBF4 | Mollendo             | PRU | Peru             | \$16W | 12° 04' S | 77° 09' W  | FH33xa | 400 | XVI | EE/SS | active |

|      |       |     |     |                           |     |         |       |           |            |        |     |     |    |          |
|------|-------|-----|-----|---------------------------|-----|---------|-------|-----------|------------|--------|-----|-----|----|----------|
| 0350 | 518.0 | [X] | TFA | Grindavik                 | ISL | Iceland | \$01X | 63° 47' N | 22° 31' W  | HP83rs | 450 | I   | EE | active   |
| 0350 | 518.0 | [X] | EAV | Valencia (Cabo de la Nao) | ESP | Spain   | \$03X | 38° 43' N | 00° 11' E  | JM08cr | 300 | III | EE | active   |
| 0350 | 518.0 | [X] | VOK | Cartwright, NL            | CAN | Canada  | \$04X | 53° 42' N | 57° 01' W  | GO13lq | 300 | IV  | EE | inactive |
| 0350 | 518.0 | [X] | SUZ | Ismailia (al Ismailiyah)  | EGY | Egypt   | \$09X | 30° 35' N | 32° 17' E  | KM60el | 400 | IX  | EE | active   |
| 0350 | 518.0 | [X] | XVS | Ho Chi Minh               | VTN | Vietnam | \$11X | 10° 47' N | 106° 40' E | OK30nj | 400 | XI  | EE | active   |
| 0350 | 518.0 | [X] | NOJ | Kodiak (west of)          | ALS | Alaska  | \$12X | 57° 46' N | 152° 34' W | BO37rs | 200 | XII | EE | active   |

|      |       |     |       |                                   |     |               |       |           |            |        |     |      |    |          |
|------|-------|-----|-------|-----------------------------------|-----|---------------|-------|-----------|------------|--------|-----|------|----|----------|
| 0400 | 518.0 | [A] | FRC   | CROSS Corsen                      | FRA | France        | \$01A | 48° 24' N | 05° 03' W  | IN78II | 300 | I/II | EE | active   |
| 0400 | 518.0 | [A] | UFN   | Novorossiysk                      | RUS | Russia        | \$03A | 44° 36' N | 37° 58' E  | KN84xo | 300 | III  | EE | active   |
| 0400 | 518.0 | [A] | NMA   | Miami, FL                         | USA | United States | \$04A | 25° 30' N | 80° 23' W  | EL95to | 240 | IV   | EE | active   |
| 0400 | 518.0 | [A] | CWM27 | La Paloma                         | URG | Uruguay       | \$06A | 34° 40' S | 54° 09' W  | GF25wi | 280 | VI   | EE | inactive |
| 0400 | 518.0 | [A] | EQM   | Bushehr                           | IRN | Iran          | \$09A | 28° 58' N | 50° 50' E  | LL58kx | 300 | IX   | EE | active   |
| 0400 | 518.0 | [A] | PNK   | Jayapura                          | INS | Indonesia     | \$11A | 02° 31' S | 140° 43' E | QI07il | 300 | XI   | EE | active   |
| 0400 | 518.0 | [A] | UIK   | Vladivostok                       | RSE | Russia        | \$13A | 43° 23' N | 131° 54' E | PN53wj | 280 | XIII | EE | active   |
| 0400 | 518.0 | [A] | CBA   | Antofagasta                       | CHL | Chile         | \$15A | 23° 30' S | 70° 25' W  | FG46sm | 400 | XV   | EE | active   |
| 0400 | 518.0 | [A] | LGS   | Svalbard                          | SVB | Svalbard      | \$19A | 78° 02' N | 13° 40' E  | JQ68ta | 450 | XIX  | EE | active   |
| 0410 | 518.0 | [B] | 7TA   | Ain Taya Radio                    | ALG | Algeria       | \$03B | 36° 48' N | 03° 15' E  | JM16pp | 200 | III  | EE | active   |
| 0410 | 518.0 | [B] | ZBR   | Bermuda Harbour                   | BER | Bermuda       | \$04B | 32° 21' N | 64° 39' W  | FM72qi | 280 | IV   | EE | active   |
| 0410 | 518.0 | [B] | A9M   | Hamala                            | BHR | Bahrain       | \$09B | 26° 09' N | 50° 28' E  | LL56fd | 300 | IX   | EE | active   |
| 0410 | 518.0 | [B] | V5W   | Walvis Bay                        | NMB | Namibia       | \$07B | 23° 03' S | 14° 37' E  | JG76hw | 380 | VII  | EE | inactive |
| 0410 | 518.0 | [B] | PKE   | Ambon                             | INS | Indonesia     | \$11B | 03° 42' S | 128° 12' E | PI46ch | 300 | XI   | EE | active   |
| 0410 | 518.0 | [B] | UFO   | Kholmsk                           | RSE | Russia        | \$13B | 47° 02' N | 142° 03' E | QN17aa | 300 | XIII | EE | active   |
| 0410 | 518.0 | [B] | CBV   | Valparaíso (Playa Ancha)          | CHL | Chile         | \$15B | 33° 05' S | 71° 37' W  | FF46ev | 300 | XV   | EE | active   |
| 0410 | 518.0 | [B] | LGP   | Bodø                              | NOR | Norway        | \$19B | 67° 16' N | 14° 23' E  | JP77eg | 450 | XIX  | EE | active   |
| 0420 | 518.0 | [C] | 6VA   | Dakar                             | SEN | Senegal       | \$03C | 14° 46' N | 17° 20' W  | IK14hs | 250 | II   | EE | inactive |
| 0420 | 518.0 | [C] | UTT   | Odesa                             | UKR | Ukraine       | \$03C | 46° 29' N | 30° 44' E  | KN56il | 250 | III  | EE | active   |
| 0420 | 518.0 | [C] | HJW   | Santa Marta                       | CLM | Colombia      | \$04C | 11° 03' N | 74° 13' W  | FK21vb | 300 | IV   | EE | active   |
| 0420 | 518.0 | [C] | VCK   | Moise CG, QC                      | CAN | Canada        | \$04C | 50° 11' N | 66° 07' W  | FO60we | 300 | IV   | EE | active   |
| 0420 | 518.0 | [C] | ZSC   | Cape Town                         | AFS | South Africa  | \$07C | 33° 41' S | 18° 43' E  | JF96ih | 500 | VII  | EE | active   |
| 0420 | 518.0 | [C] | 3BM   | Mauritius Radio (Cassis)          | MAU | Mauritius     | \$08C | 20° 10' S | 57° 28' E  | LG89rt | 400 | VIII | EE | active   |
| 0420 | 518.0 | [C] | 9VG   | Singapore                         | SNG | Singapore     | \$11C | 01° 20' N | 103° 42' E | OJ11uh | 400 | XI   | EE | active   |
| 0420 | 518.0 | [C] | NMC   | San Francisco (Point Reyes)       | USA | United States | \$12C | 37° 55' N | 122° 43' W | CM87pv | 350 | XII  | EE | active   |
| 0420 | 518.0 | [C] | UBA2  | Petropavlovsk                     | RSE | Russia        | \$13C | 53° 15' N | 158° 25' E | QO93eg | 280 | XIII | EE | active   |
| 0420 | 518.0 | [C] | CBT   | Talcahuano                        | CHL | Chile         | \$15C | 36° 41' S | 73° 07' W  | FF33kh | 400 | XV   | EE | active   |
| 0420 | 518.0 | [C] | LGV   | Vardø Radio                       | NOR | Norway        | \$19C | 70° 22' N | 31° 06' E  | KQ50ni | 450 | XIX  | EE | active   |
| 0430 | 518.0 | [D] | OXJ   | Tórshavn                          | FRO | Faroes        | \$01D | 62° 01' N | 06° 48' W  | IP62oa | 250 | I    | EE | active   |
| 0430 | 518.0 | [D] | EAR   | Coruna                            | ESP | Spain         | \$02D | 43° 22' N | 08° 27' W  | IN53si | 400 | II   | EE | active   |
| 0430 | 518.0 | [D] | TAH   | Istanbul                          | TUR | Turkey        | \$03D | 41° 04' N | 28° 57' E  | KN41lb | 300 | III  | EE | active   |
| 0430 | 518.0 | [D] | PKF   | Makassar                          | INS | Indonesia     | \$11D | 05° 06' S | 119° 26' E | QI94rv | 300 | XI   | EE | active   |
| 0430 | 518.0 | [D] | HMZ   | Pyongyang                         | KRE | North Korea   | \$12D | 38° 55' N | 125° 43' E | PM28uv | 200 | XI   | EE | active   |
| 0430 | 518.0 | [D] | VAJ   | Digby Island (Prince Rupert MCTS) | CAN | Canada        | \$12D | 54° 18' N | 130° 25' W | CO44th | 300 | XII  | EE | active   |
| 0430 | 518.0 | [D] | UIB   | Magadan                           | RSE | Russia        | \$13D | 59° 41' N | 150° 09' E | QO59bg | 120 | XIII | EE | active   |
| 0430 | 518.0 | [D] | CBP   | Puerto Montt                      | CHL | Chile         | \$15D | 41° 29' S | 72° 57' W  | FE38mm | 400 | XV   | EE | active   |
| 0440 | 518.0 | [E] | GNI   | Niton                             | ENG | England       | \$01E | 50° 35' N | 01° 15' W  | IO90jo | 270 | I    | EE | active   |
| 0440 | 518.0 | [E] | TAF   | Samsun                            | TUR | Turkey        | \$03E | 41° 17' N | 36° 20' E  | KN81eg | 300 | III  | EE | active   |
| 0440 | 518.0 | [E] | NMB   | Charleston, SC                    | USA | United States | \$04E | 32° 08' N | 79° 57' W  | FM02ad | 200 | IV   | EE | active   |
| 0440 | 518.0 | [E] | PKX   | Jakarta                           | INS | Indonesia     | \$11E | 06° 07' S | 106° 52' E | OI33kv | 300 | XI   | EE | active   |
| 0440 | 518.0 | [E] | HMH   | Hamhung                           | KRE | North Korea   | \$12E | 39° 50' N | 127° 41' E | PM39uu | 200 | XI   | EE | active   |
| 0440 | 518.0 | [E] | CBM   | Punta Arenas (Magallenes)         | CHL | Chile         | \$15E | 53° 10' S | 70° 54' W  | FD46nu | 400 | XV   | EE | active   |
| 0440 | 518.0 | [E] | UCT2  | Beringovskiy                      | RSE | Russia        | \$21E | 63° 03' N | 179° 20' E | RP93qb | 250 | XXI  | EE | planned  |

|      |       |     |     |                             |     |               |       |           |            |        |     |     |    |          |
|------|-------|-----|-----|-----------------------------|-----|---------------|-------|-----------|------------|--------|-----|-----|----|----------|
| 0450 | 518.0 | [F] | ESA | Tallinn                     | EST | Estonia       | \$01F | 59° 30' N | 24° 30' E  | KO29gm | 300 | I   | EE | active   |
| 0450 | 518.0 | [F] | CTH | Sao Miguel (CENCOMARACORES) | AZR | Azores        | \$02F | 37° 48' N | 25° 33' W  | HM77ft | 300 | II  | EE | active   |
| 0450 | 518.0 | [F] | TAL | Antalya                     | TUR | Turkey        | \$03F | 36° 53' N | 30° 42' E  | KM56lv | 300 | III | EE | active   |
| 0450 | 518.0 | [F] | NMF | Boston, MA                  | USA | United States | \$04F | 41° 43' N | 70° 31' W  | FN41sr | 200 | IV  | EE | active   |
| 0450 | 518.0 | [F] | EQI | Bandar-e-Shahid Rajai       | IRN | Iran          | \$09F | 27° 08' N | 57° 04' E  | LL87ac | 300 | IX  | EE | active   |
| 0450 | 518.0 | [F] | HAS | Bangkok (Nonthaburi)        | THA | Thailand      | \$11F | 13° 01' N | 100° 01' E | OK03aa | 200 | XI  | EE | active   |
| 0450 | 518.0 | [F] | CBY | Isla de Pascua              | PAQ | Easter Island | \$15F | 27° 09' S | 109° 25' W | DG52gu | 300 | XV  | EE | inactive |
| 0450 | 518.0 | [F] | UCZ | Provideniya                 | RSE | Russia        | \$21F | 64° 40' N | 173° 10' E | RP64nq | 250 | XXI | EE | planned  |

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|------|-------|-----|------|-----------------|-----|---------------|-------|-----------|------------|--------|-----|------|----|----------|
| 0500 | 518.0 | [G] | GCC  | Cullercoats     | ENG | England       | \$01G | 55° 04' N | 01° 28' W  | IO95gb | 270 | I    | EE | active   |
| 0500 | 518.0 | [G] | EAC  | Tarifa          | ESP | Spain         | \$02G | 36° 02' N | 05° 33' W  | IM76fa | 400 | II   | EE | active   |
| 0500 | 518.0 | [G] | UKW  | Berdiansk       | UKR | Ukraine       | \$03G | 45° 23' N | 36° 28' E  | KN86jp | 250 | III  | EE | active   |
| 0500 | 518.0 | [G] | NMG  | New Orleans, LA | USA | United States | \$04G | 29° 53' N | 89° 55' W  | EL59av | 200 | IV   | EE | active   |
| 0500 | 518.0 | [G] | L6I  | Rosairo         | ARG | Argentina     | \$06G | 32° 57' S | 60° 40' W  | FF97qb | 280 | VI   | EE | inactive |
| 0500 | 518.0 | [G] | HZG  | Dammam          | ARS | Saudi Arabia  | \$09G | 26° 26' N | 50° 06' E  | LL56bk | 390 | IX   | EE | inactive |
| 0500 | 518.0 | [G] | JNB  | Naha            | JPN | Japan         | \$11G | 26° 09' N | 127° 46' E | PL36vd | 400 | XI   | EE | active   |
| 0500 | 518.0 | [G] | UCV2 | Okhotsk         | RSE | Russia        | \$13G | 59° 22' N | 143° 12' E | QO19oi | 300 | XIII | EE | active   |

|      |       |     |        |                                       |     |                      |       |           |            |        |         |      |    |          |
|------|-------|-----|--------|---------------------------------------|-----|----------------------|-------|-----------|------------|--------|---------|------|----|----------|
| 0510 | 518.0 | [H] | SDJ    | Bjuröklubb                            | SWE | Sweden               | \$01H | 64° 28' N | 21° 36' E  | KP04tl | 300     | I    | EE | active   |
| 0510 | 518.0 | [H] | SVH    | Irákleio (Crete)                      | GRC | Greece               | \$02H | 35° 19' N | 25° 45' E  | KM25vh | 280-400 | III  | EE | active   |
| 0510 | 518.0 | [H] | JPC    | Curacao                               | ATN | Netherlands Antilles | \$03H | 12° 10' N | 68° 52' W  | FK52ne | 250     | IV   | EE | active   |
| 0510 | 518.0 | [H] | XMJ329 | Ferndale CG, ON (VBR)                 | CAN | Canada               | \$04H | 45° 42' N | 75° 31' W  | FN25fq | 300     | IV   | EE | active   |
| 0510 | 518.0 | [H] |        | Veraval (Gujarat)                     | IND | India                | \$08H | 20° 54' N | 70° 23' E  | ML50ev | 250     | VIII | EE | active   |
| 0510 | 518.0 | [H] | HZH    | Jeddah                                | ARS | Saudi Arabia         | \$09H | 21° 23' N | 39° 11' E  | KL91oj | 390     | IX   | EE | inactive |
| 0510 | 518.0 | [H] | JNR    | Moji                                  | JPN | Japan                | \$11H | 33° 52' N | 130° 36' E | PM53hu | 400     | XI   | EE | active   |
| 0510 | 518.0 | [H] | XLK835 | Amphritite Point (Prince Rupert MCTS) | CAN | Canada               | \$12H | 48° 56' N | 125° 32' W | CN78fw | 300     | XII  | EE | active   |

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|------|-------|-----|-----|-----------------|-----|--------------|-------|-----------|------------|--------|-----|-------|----|----------|
| 0520 | 518.0 | [I] | SDJ | Grimeton        | SWE | Sweden       | \$01I | 57° 06' N | 12° 23' E  | JO67ec | 300 | I     | EE | active   |
| 0520 | 518.0 | [I] | EAL | Las Palmas      | CNR | Canary Isles | \$02I | 28° 26' N | 16° 20' W  | IL18tk | 400 | II    | EE | active   |
| 0520 | 518.0 | [I] | TAN | Izmir           | TUR | Turkey       | \$03I | 38° 17' N | 26° 16' E  | KM38dg | 300 | III   | EE | active   |
| 0520 | 518.0 | [I] | ZSQ | Port Elizabeth  | AFS | South Africa | \$07I | 34° 02' S | 25° 33' E  | KF25sx | 500 | VII   | EE | active   |
| 0520 | 518.0 | [I] | DVS | Puerto Princesa | PHL | Philippines  | \$11I | 09° 44' N | 121° 03' E | OJ99ir | 320 | XI    | EE | active   |
| 0520 | 518.0 | [I] | JGC | Yokohama        | JPN | Japan        | \$11I | 35° 14' N | 139° 55' E | PM95wf | 400 | XI    | EE | active   |
| 0520 | 518.0 | [I] | OYN | Upernavik       | GRL | Greenland    | \$17I | 72° 47' N | 56° 12' W  | GQ12vs | 300 | XVIII | EE | on trial |

|      |       |     |     |                        |     |             |       |           |            |        |     |      |    |        |
|------|-------|-----|-----|------------------------|-----|-------------|-------|-----------|------------|--------|-----|------|----|--------|
| 0530 | 518.0 | [J] | SDJ | Gislövshammar          | SWE | Sweden      | \$01J | 55° 29' N | 14° 19' E  | JO75dl | 300 | I    | EE | active |
| 0530 | 518.0 | [J] | LZW | Varna                  | BUL | Bulgaria    | \$03J | 43° 04' N | 27° 46' E  | KN33vb | 350 | III  | EE | active |
| 0530 | 518.0 | [J] | VUU | Vengrula (Maharashtra) | IND | India       | \$08J | 15° 51' N | 73° 37' E  | MK65tu | 250 | VIII | EE | active |
| 0530 | 518.0 | [J] | DZS | Manila                 | PHL | Philippines | \$11J | 14° 30' N | 121° 04' E | PK04mm | 320 | XI   | EE | active |
| 0530 | 518.0 | [J] | JNL | Otaru                  | JPN | Japan       | \$11J | 43° 12' N | 141° 00' E | QN03me | 400 | XI   | EE | active |
| 0530 | 518.0 | [J] | NOJ | Kodiak (east of)       | ALS | Alaska      | \$12J | 57° 46' N | 152° 34' W | BO37rs | 200 | XII  | EE | active |

|      |       |     |     |                  |     |         |       |           |            |        |     |     |    |        |
|------|-------|-----|-----|------------------|-----|---------|-------|-----------|------------|--------|-----|-----|----|--------|
| 0540 | 518.0 | [K] | GNI | Niton (N.France) | ENG | England | \$01K | 50° 35' N | 01° 15' W  | IO93jo | 270 | I   | EE | active |
| 0540 | 518.0 | [K] | SVK | Kerkyra          | GRC | Greece  | \$03K | 39° 36' N | 19° 53' E  | JM99wo | 400 | III | EE | active |
| 0540 | 518.0 | [K] | XVT | Da Nang          | VTN | Vietnam | \$11K | 16° 03' N | 108° 12' E | OK46cb | 400 | XI  | EE | active |
| 0540 | 518.0 | [K] | JNX | Kushiro          | JPN | Japan   | \$11K | 42° 59' N | 144° 23' E | QN22ex | 400 | XI  | EE | active |
| 0540 | 518.0 | [K] | UHS | Murmansk         | RUS | Russia  | \$20K | 68° 46' N | 32° 58' E  | KP68ls | 140 | XX  | EE | active |

|      |       |     |     |          |     |        |       |           |           |        |     |     |    |        |
|------|-------|-----|-----|----------|-----|--------|-------|-----------|-----------|--------|-----|-----|----|--------|
| 0550 | 518.0 | [L] | LGQ | Rogaland | NOR | Norway | \$01L | 58° 39' N | 05° 36' E | JO28tp | 450 | I   | EE | active |
| 0550 | 518.0 | [L] | SVL | Limnos   | GRC | Greece | \$03L | 39° 54' N | 25° 11' E | KM29ov | 400 | III | EE | active |

|      |       |     |     |                           |     |           |       |           |            |        |         |      |    |        |
|------|-------|-----|-----|---------------------------|-----|-----------|-------|-----------|------------|--------|---------|------|----|--------|
| 0550 | 518.0 | [L] |     | Muttam Point (Tamil Nadu) | IND | India     | \$08L | 08° 07' N | 77° 19' E  | MJ88pc | 250     | VIII | EE | active |
| 0550 | 518.0 | [L] | VRX | Hong Kong                 | CHN | China     | \$11L | 22° 13' N | 114° 15' E | OL72df | 250     | XI   | EE | active |
| 0550 | 518.0 | [L] | HCY | Ayora                     | GAL | Galapagos | \$12L | 00° 45' S | 90° 19' W  | EI49ug | 250-400 | XII  | EE | active |
| 0550 | 518.0 | [L] | UGE | Arkhangelsk               | RUS | Russia    | \$20L | 64° 51' N | 40° 17' E  | LP04du | 280     | XX   | EE | active |

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|------|-------|-----|-----|-----------------|-----|-----------|-------|-----------|------------|--------|-----|-----|----|----------|
| 0600 | 518.0 | [M] | LGT | Jeloya          | NOR | Norway    | \$01M | 59° 26' N | 10° 35' E  | JO59hk | 450 | I   | EE | active   |
| 0600 | 518.0 | [M] | CNP | Casablanca      | MRC | Morocco   | \$02M | 33° 36' N | 07° 38' W  | IM63eo | 180 | II  | EE | planned  |
| 0600 | 518.0 | [M] | 5BA | Cyprus          | CYP | Cyprus    | \$03M | 35° 02' N | 33° 17' E  | KM65pb | 220 | III | EE | active   |
| 0600 | 518.0 | [M] | OXF | Simiutaq        | GRL | Greenland | \$04M | 60° 61' N | 64° 35' W  | GP60qq | 300 | IV  | EE | on trial |
| 0600 | 518.0 | [M] | L3K | Ushuaia         | ARG | Argentina | \$06M | 54° 48' S | 68° 18' W  | FD55ue | 280 | VI  | EE | active   |
| 0600 | 518.0 | [M] | A4M | Wattayah/Muscat | OMA | Oman      | \$09M | 23° 36' N | 58° 30' E  | LL93go | 270 | IX  | EE | active   |
| 0600 | 518.0 | [M] | XSI | Sanya           | CHN | China     | \$11M | 18° 17' N | 109° 21' E | OK48qq | 250 | XI  | EE | active   |
| 0600 | 518.0 | [M] | HCG | Guayaquil       | EQA | Equador   | \$12M | 02° 16' S | 79° 62' W  | FI07br |     | XII | EE | active   |
| 0600 | 518.0 | [M] |     | Sabetta         | RSE | Russia    | \$20M | 71° 17' N | 72° 01' E  | MQ61ag | 250 | XX  | EE | testing  |

|      |       |     |     |                              |     |               |       |           |            |        |     |     |    |         |
|------|-------|-----|-----|------------------------------|-----|---------------|-------|-----------|------------|--------|-----|-----|----|---------|
| 0610 | 518.0 | [N] | LFO | Orlandet Radio (Grande site) | NOR | Norway        | \$01N | 63° 40' N | 09° 33' E  | JP43sp | 450 | I   | EE | active  |
| 0610 | 518.0 | [N] | SUH | Alexandria                   | EGY | Egypt         | \$03N | 31° 12' N | 29° 52' E  | KM41we | 350 | III | EE | active  |
| 0610 | 518.0 | [N] | NMN | Portsmouth, VA               | USA | United States | \$04N | 36° 44' N | 76° 01' W  | FM26ar | 280 | IV  | EE | active  |
| 0610 | 518.0 | [N] | L3D | Rio Gallegos                 | ARG | Argentina     | \$06N | 51° 37' S | 69° 13' W  | FD58jj | 280 | VI  | EE | active  |
| 0610 | 518.0 | [N] | XSQ | Guangzhou                    | CHN | China         | \$11N | 23° 09' N | 113° 29' E | OL63sd | 250 | XI  | EE | active  |
| 0610 | 518.0 | [N] |     | Mys Sterlegova               | RSE | Russia        | \$20N | 75° 24' N | 88° 46' E  | NQ45jj | 300 | XX  | EE | planned |

|      |       |     |     |                         |     |              |       |           |            |        |     |      |    |        |
|------|-------|-----|-----|-------------------------|-----|--------------|-------|-----------|------------|--------|-----|------|----|--------|
| 0620 | 518.0 | [O] | GPK | Portpatrick             | SCT | Scotland     | \$01O | 54° 51' N | 05° 07' W  | IO74ku | 270 | I    | EE | active |
| 0620 | 518.0 | [O] | 9HD | Malta                   | MLT | Malta        | \$03O | 35° 51' N | 14° 29' E  | JM75fu | 400 | III  | EE | active |
| 0620 | 518.0 | [O] | VON | Robin Hood Bay          | CAN | Canada       | \$04O | 47° 37' N | 52° 40' W  | GN37qo | 300 | IV   | EE | active |
| 0620 | 518.0 | [O] | L2W | Comodoro Rivadavia      | ARG | Argentina    | \$06O | 45° 51' S | 67° 25' W  | FE64gd | 280 | VI   | EE | active |
| 0620 | 518.0 | [O] | ZSD | Durban                  | AFS | South Africa | \$07O | 29° 48' S | 30° 49' E  | KG50je | 250 | VII  | EE | active |
| 0620 | 518.0 | [O] |     | Porto Novo (Tamil Nadu) | IND | India        | \$08O | 11° 30' N | 79° 46' E  | MK91vm | 250 | VIII | EE | active |
| 0620 | 518.0 | [O] | XSL | Fuzhou                  | CHN | China        | \$11O | 26° 02' N | 119° 18' E | OL96ra | 250 | XI   | EE | active |
| 0620 | 518.0 | [O] |     | Buenaventura            | CLM | Colombia     | \$04O | 03° 54' N | 77° 03' W  | FJ13lv | 300 | XII  | EE | active |
| 0620 | 518.0 | [O] | NMO | Honolulu, HI            | HWA | Hawaii       | \$12O | 21° 22' N | 158° 09' W | BL01wi | 350 | XII  | EE | active |

|      |       |     |        |                              |     |             |       |           |            |        |     |     |    |        |
|------|-------|-----|--------|------------------------------|-----|-------------|-------|-----------|------------|--------|-----|-----|----|--------|
| 0630 | 518.0 | [P] | PBK    | Netherlands Coastguard       | HOL | Netherlands | \$01P | 52° 55' N | 04° 14' E  | JO22cv | 250 | I   | EE | active |
| 0630 | 518.0 | [P] | CTQ    | Porto Santo (CENCOMAMADEIRA) | MDR | Madeira     | \$02P | 33° 06' N | 16° 30' W  | IM13sc | 300 | II  | PP | active |
| 0630 | 518.0 | [P] | 4XO    | Haifa                        | ISR | Israel      | \$03P | 32° 54' N | 35° 07' E  | KM72mt | 200 | III | EE | active |
| 0630 | 518.0 | [P] | XLJ895 | Pass Lake CG (VBA), ON       | CAN | Canada      | \$04P | 48° 26' N | 89° 13' W  | EN58qn | 300 | IV  | EE | active |
| 0630 | 518.0 | [P] | L2I    | Bahia Blanca                 | ARG | Argentina   | \$06P | 38° 43' S | 62° 06' W  | FF81wg | 280 | VI  | EE | active |
| 0630 | 518.0 | [P] | ASK    | Karachi                      | PAK | Pakistan    | \$09P | 24° 51' N | 67° 03' E  | ML34mu | 200 | IX  | EE | active |
| 0630 | 518.0 | [P] |        | Linyuan                      | TWN | Taiwan      | \$11P | 22° 29' N | 120° 25' E | PL02fl | 350 | XI  | EE | active |

|      |       |     |     |                                  |     |               |       |           |            |        |     |      |    |        |
|------|-------|-----|-----|----------------------------------|-----|---------------|-------|-----------|------------|--------|-----|------|----|--------|
| 0640 | 518.0 | [Q] | EJM | Malin Head Coast Guard           | IRL | Ireland       | \$01Q | 55° 22' N | 07° 21' W  | IO65hi | 400 | I    | EE | active |
| 0640 | 518.0 | [Q] | 9AS | Split                            | HRV | Croatia       | \$03Q | 43° 30' N | 16° 29' E  | JN83fm | 150 | III  | EE | active |
| 0640 | 518.0 | [Q] | VCO | Port Caledonia CG, NS            | CAN | Canada        | \$04Q | 46° 11' N | 59° 54' W  | GN06be | 300 | IV   | EE | active |
| 0640 | 518.0 | [Q] | L2P | Mar del Plata                    | ARG | Argentina     | \$06Q | 38° 03' S | 57° 32' W  | GF11fw | 280 | VI   | EE | active |
| 0640 | 518.0 | [Q] |     | Vakalpudi (Andhra Pradesh)       | IND | India         | \$08Q | 17° 00' N | 82° 17' E  | NK17da | 250 | VIII | EE | active |
| 0640 | 518.0 | [Q] | XSG | Shanghai                         | CHN | China         | \$11Q | 31° 07' N | 121° 33' E | PM01sc | 250 | XI   | EE | active |
| 0640 | 518.0 | [Q] | NMQ | Long Beach, CA (Cambria)         | USA | United States | \$12Q | 35° 31' N | 121° 03' W | CM95lm | 350 | XII  | EE | active |
| 0640 | 518.0 | [Q] | UAL | Tiksi (1st July to 30th October) | RSE | Russia        | \$21Q | 71° 38' N | 128° 50' E | PQ41kp | 300 | XXI  | EE | active |

|      |       |     |     |          |     |         |       |           |           |        |     |   |    |        |
|------|-------|-----|-----|----------|-----|---------|-------|-----------|-----------|--------|-----|---|----|--------|
| 0650 | 518.0 | [R] | TFA | Saudanes | ISL | Iceland | \$01R | 66° 11' N | 18° 57' W | IP06me | 450 | I | EE | active |
|------|-------|-----|-----|----------|-----|---------|-------|-----------|-----------|--------|-----|---|----|--------|

|      |       |     |         |                         |     |             |       |           |            |        |     |     |    |        |
|------|-------|-----|---------|-------------------------|-----|-------------|-------|-----------|------------|--------|-----|-----|----|--------|
| 0650 | 518.0 | [R] | CTV-251 | Penalva (CENCOMAR)      | POR | Portugal    | \$02R | 38° 36' N | 09° 02' W  | IM58lo | 530 | II  | EE | active |
| 0650 | 518.0 | [R] | UBJ     | Baku (Chilov)           | AZE | Azerbaijan  | \$03R | 40° 19' N | 50° 36' E  | LN50hh | 200 | III | EE | active |
| 0650 | 518.0 | [R] | ICH     | La Maddalena            | SAR | Sardinia    | \$03R | 41° 13' N | 09° 23' E  | JN41qf | 320 | III | EE | active |
| 0650 | 518.0 | [R] | NMR     | Isabella - San Juan, PR | PTR | Puerto Rico | \$04R | 18° 28' N | 67° 04' W  | FK68ll | 200 | IV  | EE | active |
| 0650 | 518.0 | [R] | L2B     | Buenos Aires            | ARG | Argentina   | \$06R | 34° 36' S | 58° 22' W  | GF05tj | 560 | VI  | EE | active |
| 0650 | 518.0 | [R] | XSZ     | Dalian                  | CHN | China       | \$11R | 38° 51' N | 121° 31' E | PM08su | 250 | XI  | EE | active |
| 0650 | 518.0 | [R] |         | Davao                   | PHL | Philippines | \$11R | 07° 04' N | 125° 36' E | PJ27tb | 320 | XI  | EE | active |

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|------|-------|-----|-------|-------------------|-----|----------|-------|-----------|------------|--------|---------|------|-------|---------|
| 0700 | 518.0 | [S] | DDH51 | Pinneberg         | DEU | Germany  | \$01S | 53° 43' N | 09° 55' E  | JO43wr | 250-400 | I    | EE    | active  |
| 0700 | 518.0 | [S] | DWT   | Lagos             | NIG | Nigeria  | \$02S | 06° 26' N | 03° 18' E  | JJ16pk | 200-260 | II   | EE    | planned |
| 0700 | 518.0 | [S] |       | Balasure (Orissa) | IND | India    | \$08S | 21° 29' N | 86° 55' E  | NL31ll | 250     | VIII | EE    | active  |
| 0700 | 518.0 | [S] | 9WH21 | Sandakan          | MLA | Malaysia | \$11S | 05° 54' N | 118° 00' E | OJ95av | 350     | XI   | EE    | active  |
| 0700 | 518.0 | [S] | XSV   | Tianjin           | CHN | China    | \$11S | 39° 02' N | 117° 26' E | OM89ra | 250     | XI   | EE    | active  |
| 0700 | 518.0 | [S] | OB2   | Paita             | PRU | Peru     | \$16S | 05° 06' S | 81° 07' W  | EI94kv | 400     | XVI  | EE/SS | active  |

|      |       |     |       |                                |     |            |       |           |            |        |     |      |    |           |
|------|-------|-----|-------|--------------------------------|-----|------------|-------|-----------|------------|--------|-----|------|----|-----------|
| 0710 | 518.0 | [T] | OST   | Oostende                       | BEL | Belgium    | \$01T | 51° 11' N | 02° 48' E  | JO11je | 110 | I    | EE | active    |
| 0710 | 518.0 | [T] | 3VL   | Kelibia (broadcasts via Malta) | TUN | Tunisia    | \$03T | 36° 48' N | 11° 02' E  | JM56mt | 270 | III  | EE | via Malta |
| 0710 | 518.0 | [T] | S7Q   | Mahé                           | SEY | Seychelles | \$08T | 04° 39' S | 55° 28' E  | LI75ri | 250 | VIII | EE | active    |
| 0710 | 518.0 | [T] | 9WW21 | Miri (Sarawak)                 | MLA | Malaysia   | \$11T | 04° 26' N | 114° 01' E | OJ74ak | 350 | XI   | EE | active    |
| 0710 | 518.0 | [T] | VFF   | Iqaluit CG, NU (May-Dec only)  | CAN | Canada     | \$18T | 63° 44' N | 68° 33' W  | FP53rr | 150 | IV   | EE | active    |

|      |       |     |       |                   |     |              |       |           |            |        |     |     |       |          |
|------|-------|-----|-------|-------------------|-----|--------------|-------|-----------|------------|--------|-----|-----|-------|----------|
| 0720 | 518.0 | [U] | D4A   | São Vicente Radio | CPV | Cape Verde   | \$02U | 16° 51' N | 25° 00' W  | HK76mu | 250 | II  | EE    | active   |
| 0720 | 518.0 | [U] | IQM   | Mondolfo          | ITA | Italy        | \$03U | 43° 44' N | 13° 08' E  | JN63ns | 320 | III | EE    | active   |
| 0720 | 518.0 | [U] | VAR-9 | Chebogue, NB      | CAN | Canada       | \$04U | 45° 14' N | 65° 59' W  | FN63ws | 300 | IV  | EE    | active   |
| 0720 | 518.0 | [U] |       | Cape Columbine    | AFS | South Africa | \$07U | 32° 49' S | 17° 51' E  | JF87we | 300 | VII | EE    | active   |
| 0720 | 518.0 | [U] | 9MG   | Penang            | MLA | Malaysia     | \$11U | 05° 25' N | 100° 24' E | OJ05ek | 350 | XI  | EE    | active   |
| 0720 | 518.0 | [U] | OBC3  | Callao            | PRU | Peru         | \$16U | 12° 04' S | 77° 09' W  | FH17kw | 400 | XVI | EE/SS | inactive |

|      |       |     |     |                         |     |             |       |           |            |        |     |      |    |        |
|------|-------|-----|-----|-------------------------|-----|-------------|-------|-----------|------------|--------|-----|------|----|--------|
| 0730 | 518.0 | [V] | OST | Oostende (Thames)       | BEL | Belgium     | \$01U | 51° 11' N | 02° 48' E  | JO11je | 150 | I    | EE | active |
| 0730 | 518.0 | [V] | ICI | Sellia Marina           | ITA | Italy       | \$03V | 38° 52' N | 16° 43' E  | JM88iu | 320 | III  | EE | active |
| 0730 | 518.0 | [V] | VWP | Keating Point (Andaman) | IND | India       | \$08V | 09° 15' N | 92° 46' E  | NJ69jg | 250 | VIII | EE | active |
| 0730 | 518.0 | [V] | SUK | Kosseir (Al Qusayr)     | EGY | Egypt       | \$09V | 26° 06' N | 34° 17' E  | KL76dc | 350 | IX   | EE | active |
| 0730 | 518.0 | [V] | HL  | Chukpyon                | KOR | South Korea | \$11V | 37° 03' N | 129° 26' E | PM47rb | 200 | XI   | EE | active |
| 0730 | 518.0 | [V] | NRV | Guam                    | GUM | Guam        | \$11V | 13° 29' N | 144° 50' E | QK23kl | 100 | XI   | EE | active |

|      |       |     |      |                      |     |                  |       |           |            |         |     |     |       |        |
|------|-------|-----|------|----------------------|-----|------------------|-------|-----------|------------|---------|-----|-----|-------|--------|
| 0740 | 518.0 | [W] | EJK  | Valentia Coast Guard | IRL | Ireland          | \$01W | 51° 56' N | 10° 21' W  | IO41tw  | 400 | I   | EE    | active |
| 0740 | 518.0 | [W] | UJB  | Astrakhan            | RUS | Russia (Caspian) | \$03W | 45° 47' N | 47° 33' E  | LN35ss  | 250 | III | EE    | active |
| 0740 | 518.0 | [W] | FRL  | CROSS La Garde       | FRA | France           | \$03W | 43° 06' N | 05° 59' E  | JN23xc  | 250 | III | EE    | active |
| 0740 | 518.0 | [W] | OXI  | Nuuk (Kook Island)   | GRL | Greenland        | \$04W | 64° 04' N | 52° 02' W  | GP34xb  | 400 | IV  | EE    | active |
| 0740 | 518.0 | [W] | HL   | Pyonsan (Byeonsan)   | KOR | South Korea      | \$11W | 35° 36' N | 126° 29' E | PM35fo  | 200 | XI  | EE    | active |
| 0740 | 518.0 | [W] | NMW  | Astoria, OR          | USA | United States    | \$12W | 46° 12' N | 123° 57' W | CN86gae | 216 | XII | EE    | active |
| 0740 | 518.0 | [W] | OBF4 | Mollendo             | PRU | Peru             | \$16W | 12° 04' S | 77° 09' W  | FH33xa  | 400 | XVI | EE/SS | active |

|      |       |     |     |                           |     |         |       |           |            |        |     |     |    |          |
|------|-------|-----|-----|---------------------------|-----|---------|-------|-----------|------------|--------|-----|-----|----|----------|
| 0750 | 518.0 | [X] | TFA | Grindavik                 | ISL | Iceland | \$01X | 63° 47' N | 22° 31' W  | HP83rs | 450 | I   | EE | active   |
| 0750 | 518.0 | [X] | EAV | Valencia (Cabo de la Nao) | ESP | Spain   | \$03X | 38° 43' N | 00° 11' E  | JM08cr | 300 | III | EE | active   |
| 0750 | 518.0 | [X] | VOK | Cartwright, NL            | CAN | Canada  | \$04X | 53° 42' N | 57° 01' W  | GO13lq | 300 | IV  | EE | inactive |
| 0750 | 518.0 | [X] | SUZ | Ismailia (al Ismailiyah)  | EGY | Egypt   | \$09X | 30° 35' N | 32° 17' E  | KM60el | 400 | IX  | EE | active   |
| 0750 | 518.0 | [X] | XVS | Ho Chi Minh               | VTN | Vietnam | \$11X | 10° 47' N | 106° 40' E | OK30nj | 400 | XI  | EE | active   |
| 0750 | 518.0 | [X] | NOJ | Kodiak (west of)          | ALS | Alaska  | \$12X | 57° 46' N | 152° 34' W | BO37rs | 200 | XII | EE | active   |
| 0750 | 518.0 | [X] | SUZ | Ismailia (al Ismailiyah)  | EGY | Egypt   | \$09X | 30° 35' N | 32° 17' E  | KM60el | 400 | IX  | EE | active   |

|       |       |     |       |                                   |     |               |       |           |            |        |     |      |    |          |
|-------|-------|-----|-------|-----------------------------------|-----|---------------|-------|-----------|------------|--------|-----|------|----|----------|
| 0750  | 518.0 | [X] | XVS   | Ho Chi Minh                       | VTN | Vietnam       | \$11X | 10° 47' N | 106° 40' E | OK30nj | 400 | XI   | EE | active   |
| 0750  | 518.0 | [X] | NOJ   | Kodiak (west of)                  | ALS | Alaska        | \$12X | 57° 46' N | 152° 34' W | BO37rs | 200 | XII  | EE | active   |
| +++++ |       |     |       |                                   |     |               |       |           |            |        |     |      |    |          |
| 0800  | 518.0 | [A] | FRC   | CROSS Corsen                      | FRA | France        | \$01A | 48° 24' N | 05° 03' W  | IN78II | 300 | I/II | EE | active   |
| 0800  | 518.0 | [A] | UFN   | Novorossiysk                      | RUS | Russia        | \$03A | 44° 36' N | 37° 58' E  | KN84xo | 300 | III  | EE | active   |
| 0800  | 518.0 | [A] | NMA   | Miami, FL                         | USA | United States | \$04A | 25° 30' N | 80° 23' W  | EL95to | 240 | IV   | EE | active   |
| 0800  | 518.0 | [A] | CWM27 | La Paloma                         | URG | Uruguay       | \$06A | 34° 40' S | 54° 09' W  | GF25wi | 280 | VI   | EE | inactive |
| 0800  | 518.0 | [A] | EQM   | Bushehr                           | IRN | Iran          | \$09A | 28° 58' N | 50° 50' E  | LL58kx | 300 | IX   | EE | active   |
| 0800  | 518.0 | [A] | PNK   | Jayapura                          | INS | Indonesia     | \$11A | 02° 31' S | 140° 43' E | QI07il | 300 | XI   | EE | active   |
| 0800  | 518.0 | [A] | UIK   | Vladivostok                       | RSE | Russia        | \$13A | 43° 23' N | 131° 54' E | PN53wj | 280 | XIII | EE | active   |
| 0800  | 518.0 | [A] | CBA   | Antofagasta                       | CHL | Chile         | \$15A | 23° 30' S | 70° 25' W  | FG46sm | 400 | XV   | EE | active   |
| 0800  | 518.0 | [A] | LGS   | Svalbard                          | SVB | Svalbard      | \$19A | 78° 02' N | 13° 40' E  | JQ68ta | 450 | XIX  | EE | active   |
| 0810  | 518.0 | [B] | 7TA   | Ain Taya Radio                    | ALG | Algeria       | \$03B | 36° 48' N | 03° 15' E  | JM16pp | 200 | III  | EE | active   |
| 0810  | 518.0 | [B] | ZBR   | Bermuda Harbour                   | BER | Bermuda       | \$04B | 32° 21' N | 64° 39' W  | FM72qi | 280 | IV   | EE | active   |
| 0810  | 518.0 | [B] | A9M   | Hamala                            | BHR | Bahrain       | \$09B | 26° 09' N | 50° 28' E  | LL56fd | 300 | IX   | EE | active   |
| 0810  | 518.0 | [B] | V5W   | Walvis Bay                        | NMB | Namibia       | \$07B | 23° 03' S | 14° 37' E  | JG76hw | 380 | VII  | EE | inactive |
| 0810  | 518.0 | [B] | PKE   | Ambon                             | INS | Indonesia     | \$11B | 03° 42' S | 128° 12' E | PI46ch | 300 | XI   | EE | active   |
| 0810  | 518.0 | [B] | UFO   | Kholmsk                           | RSE | Russia        | \$13B | 47° 02' N | 142° 03' E | QN17aa | 300 | XIII | EE | active   |
| 0810  | 518.0 | [B] | CBV   | Valparaíso (Playa Ancha)          | CHL | Chile         | \$15B | 33° 05' S | 71° 37' W  | FF46ev | 300 | XV   | EE | active   |
| 0810  | 518.0 | [B] | LGP   | Bodø                              | NOR | Norway        | \$19B | 67° 16' N | 14° 23' E  | JP77eg | 450 | XIX  | EE | active   |
| 0820  | 518.0 | [C] | 6VA   | Dakar                             | SEN | Senegal       | \$03C | 14° 46' N | 17° 20' W  | IK14hs | 250 | II   | EE | inactive |
| 0820  | 518.0 | [C] | UTT   | Odesa                             | UKR | Ukraine       | \$03C | 46° 29' N | 30° 44' E  | KN56il | 250 | III  | EE | active   |
| 0820  | 518.0 | [C] | HJW   | Santa Marta                       | CLM | Colombia      | \$04C | 11° 03' N | 74° 13' W  | FK21vb | 300 | IV   | EE | active   |
| 0820  | 518.0 | [C] | VCK   | Moise CG, QC                      | CAN | Canada        | \$04C | 50° 11' N | 66° 07' W  | FO60we | 300 | IV   | EE | active   |
| 0820  | 518.0 | [C] | ZSC   | Cape Town                         | AFS | South Africa  | \$07C | 33° 41' S | 18° 43' E  | JF96ih | 500 | VII  | EE | active   |
| 0820  | 518.0 | [C] | 3BM   | Mauritius Radio (Cassis)          | MAU | Mauritius     | \$08C | 20° 10' S | 57° 28' E  | LG89rt | 400 | VIII | EE | active   |
| 0820  | 518.0 | [C] | 9VG   | Singapore                         | SNG | Singapore     | \$11C | 01° 20' N | 103° 42' E | OJ11uh | 400 | XI   | EE | active   |
| 0820  | 518.0 | [C] | NMC   | San Francisco (Point Reyes)       | USA | United States | \$12C | 37° 55' N | 122° 43' W | CM87pv | 350 | XII  | EE | active   |
| 0820  | 518.0 | [C] | UBA2  | Petropavlovsk                     | RSE | Russia        | \$13C | 53° 15' N | 158° 25' E | QO93eg | 280 | XIII | EE | active   |
| 0820  | 518.0 | [C] | CBT   | Talcahuano                        | CHL | Chile         | \$15C | 36° 41' S | 73° 07' W  | FF33kh | 400 | XV   | EE | active   |
| 0820  | 518.0 | [C] | LGV   | Vardø Radio                       | NOR | Norway        | \$19C | 70° 22' N | 31° 06' E  | KQ50ni | 450 | XIX  | EE | active   |
| 0830  | 518.0 | [D] | OXJ   | Tórshavn                          | FRO | Faroes        | \$01D | 62° 01' N | 06° 48' W  | IP62oa | 250 | I    | EE | active   |
| 0830  | 518.0 | [D] | EAR   | Coruna                            | ESP | Spain         | \$02D | 43° 22' N | 08° 27' W  | IN53si | 400 | II   | EE | active   |
| 0830  | 518.0 | [D] | TAH   | Istanbul                          | TUR | Turkey        | \$03D | 41° 04' N | 28° 57' E  | KN41lb | 300 | III  | EE | active   |
| 0830  | 518.0 | [D] | PKF   | Makassar                          | INS | Indonesia     | \$11D | 05° 06' S | 119° 26' E | QI94rv | 300 | XI   | EE | active   |
| 0830  | 518.0 | [D] | HMZ   | Pyongyang                         | KRE | North Korea   | \$12D | 38° 55' N | 125° 43' E | PM28uv | 200 | XI   | EE | active   |
| 0830  | 518.0 | [D] | VAJ   | Digby Island (Prince Rupert MCTS) | CAN | Canada        | \$12D | 54° 18' N | 130° 25' W | CO44th | 300 | XII  | EE | active   |
| 0830  | 518.0 | [D] | UJB   | Magadan                           | RSE | Russia        | \$13D | 59° 41' N | 150° 09' E | QO59bg | 120 | XIII | EE | active   |
| 0830  | 518.0 | [D] | CBP   | Puerto Montt                      | CHL | Chile         | \$15D | 41° 29' S | 72° 57' W  | FE38mm | 400 | XV   | EE | active   |
| 0840  | 518.0 | [E] | GNI   | Niton                             | ENG | England       | \$01E | 50° 35' N | 01° 15' W  | IO90jo | 270 | I    | EE | active   |
| 0840  | 518.0 | [E] | TAF   | Samsun                            | TUR | Turkey        | \$03E | 41° 17' N | 36° 20' E  | KN81eg | 300 | III  | EE | active   |
| 0840  | 518.0 | [E] | NMB   | Charleston, SC                    | USA | United States | \$04E | 32° 08' N | 79° 57' W  | FM02ad | 200 | IV   | EE | active   |
| 0840  | 518.0 | [E] | PKX   | Jakarta                           | INS | Indonesia     | \$11E | 06° 07' S | 106° 52' E | OI33kv | 300 | XI   | EE | active   |
| 0840  | 518.0 | [E] | HMH   | Hamhung                           | KRE | North Korea   | \$12E | 39° 50' N | 127° 41' E | PM39uu | 200 | XI   | EE | active   |
| 0840  | 518.0 | [E] | CBM   | Punta Arenas (Magallenes)         | CHL | Chile         | \$15E | 53° 10' S | 70° 54' W  | FD46nu | 400 | XV   | EE | active   |
| 0840  | 518.0 | [E] | UCT2  | Beringovskiy                      | RSE | Russia        | \$21E | 63° 03' N | 179° 20' E | RP93qb | 250 | XXI  | EE | planned  |

|      |       |     |     |                             |     |               |       |           |            |        |     |     |    |          |
|------|-------|-----|-----|-----------------------------|-----|---------------|-------|-----------|------------|--------|-----|-----|----|----------|
| 0850 | 518.0 | [F] | ESA | Tallinn                     | EST | Estonia       | \$01F | 59° 30' N | 24° 30' E  | KO29gm | 300 | I   | EE | active   |
| 0850 | 518.0 | [F] | CTH | Sao Miguel (CENCOMARACORES) | AZR | Azores        | \$02F | 37° 48' N | 25° 33' W  | HM77ft | 300 | II  | EE | active   |
| 0850 | 518.0 | [F] | TAL | Antalya                     | TUR | Turkey        | \$03F | 36° 53' N | 30° 42' E  | KM56lv | 300 | III | EE | active   |
| 0850 | 518.0 | [F] | NMF | Boston, MA                  | USA | United States | \$04F | 41° 43' N | 70° 31' W  | FN41sr | 200 | IV  | EE | active   |
| 0850 | 518.0 | [F] | EQI | Bandar-e-Shahid Rajai       | IRN | Iran          | \$09F | 27° 08' N | 57° 04' E  | LL87ac | 300 | IX  | EE | active   |
| 0850 | 518.0 | [F] | HAS | Bangkok (Nonthaburi)        | THA | Thailand      | \$11F | 13° 01' N | 100° 01' E | OK03aa | 200 | XI  | EE | active   |
| 0850 | 518.0 | [F] | CBY | Isla de Pascua              | PAQ | Easter Island | \$15F | 27° 09' S | 109° 25' W | DG52gu | 300 | XV  | EE | inactive |
| 0850 | 518.0 | [F] | UCZ | Provideniya                 | RSE | Russia        | \$21F | 64° 40' N | 173° 10' E | RP64nq | 250 | XXI | EE | planned  |

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|------|-------|-----|------|-----------------|-----|---------------|-------|-----------|------------|--------|-----|------|----|----------|
| 0900 | 518.0 | [G] | GCC  | Cullercoats     | ENG | England       | \$01G | 55° 04' N | 01° 28' W  | IO95gb | 270 | I    | EE | active   |
| 0900 | 518.0 | [G] | EAC  | Tarifa          | ESP | Spain         | \$02G | 36° 02' N | 05° 33' W  | IM76fa | 400 | II   | EE | active   |
| 0900 | 518.0 | [G] | UKW  | Berdiansk       | UKR | Ukraine       | \$03G | 45° 23' N | 36° 28' E  | KN86jp | 250 | III  | EE | active   |
| 0900 | 518.0 | [G] | NMG  | New Orleans, LA | USA | United States | \$04G | 29° 53' N | 89° 55' W  | EL59av | 200 | IV   | EE | active   |
| 0900 | 518.0 | [G] | L6I  | Rosairo         | ARG | Argentina     | \$06G | 32° 57' S | 60° 40' W  | FF97qb | 280 | VI   | EE | inactive |
| 0900 | 518.0 | [G] | HZG  | Dammam          | ARS | Saudi Arabia  | \$09G | 26° 26' N | 50° 06' E  | LL56bk | 390 | IX   | EE | inactive |
| 0900 | 518.0 | [G] | JNB  | Naha            | JPN | Japan         | \$11G | 26° 09' N | 127° 46' E | PL36vd | 400 | XI   | EE | active   |
| 0900 | 518.0 | [G] | UCV2 | Okhotsk         | RSE | Russia        | \$13G | 59° 22' N | 143° 12' E | QO19oi | 300 | XIII | EE | active   |

|      |       |     |        |                                       |     |                      |       |           |            |        |         |      |    |          |
|------|-------|-----|--------|---------------------------------------|-----|----------------------|-------|-----------|------------|--------|---------|------|----|----------|
| 0910 | 518.0 | [H] | SDJ    | Bjuröklubb                            | SWE | Sweden               | \$01H | 64° 28' N | 21° 36' E  | KP04tl | 300     | I    | EE | active   |
| 0910 | 518.0 | [H] | SVH    | Irakleio (Crete)                      | GRC | Greece               | \$02H | 35° 19' N | 25° 45' E  | KM25vh | 280-400 | III  | EE | active   |
| 0910 | 518.0 | [H] | JPC    | Curacao                               | ATN | Netherlands Antilles | \$03H | 12° 10' N | 68° 52' W  | FK52ne | 250     | IV   | EE | active   |
| 0910 | 518.0 | [H] | XMJ329 | Ferndale CG, ON (VBR)                 | CAN | Canada               | \$04H | 45° 42' N | 75° 31' W  | FN25fq | 300     | IV   | EE | active   |
| 0910 | 518.0 | [H] |        | Veraval (Gujarat)                     | IND | India                | \$08H | 20° 54' N | 70° 23' E  | ML50ev | 250     | VIII | EE | active   |
| 0910 | 518.0 | [H] | HZH    | Jeddah                                | ARS | Saudi Arabia         | \$09H | 21° 23' N | 39° 11' E  | KL91oj | 390     | IX   | EE | inactive |
| 0910 | 518.0 | [H] | JNR    | Moji                                  | JPN | Japan                | \$11H | 33° 52' N | 130° 36' E | PM53hu | 400     | XI   | EE | active   |
| 0910 | 518.0 | [H] | XLK835 | Amphritite Point (Prince Rupert MCTS) | CAN | Canada               | \$12H | 48° 56' N | 125° 32' W | CN78fw | 300     | XII  | EE | active   |

|      |       |     |     |                 |     |              |       |           |            |        |     |       |    |          |
|------|-------|-----|-----|-----------------|-----|--------------|-------|-----------|------------|--------|-----|-------|----|----------|
| 0920 | 518.0 | [I] | SDJ | Grimeton        | SWE | Sweden       | \$01I | 57° 06' N | 12° 23' E  | JO67ec | 300 | I     | EE | active   |
| 0920 | 518.0 | [I] | EAL | Las Palmas      | CNR | Canary Isles | \$02I | 28° 26' N | 16° 20' W  | IL18tk | 400 | II    | EE | active   |
| 0920 | 518.0 | [I] | TAN | Izmir           | TUR | Turkey       | \$03I | 38° 17' N | 26° 16' E  | KM38dg | 300 | III   | EE | active   |
| 0920 | 518.0 | [I] | ZSQ | Port Elizabeth  | AFS | South Africa | \$07I | 34° 02' S | 25° 33' E  | KF25sx | 500 | VII   | EE | active   |
| 0920 | 518.0 | [I] | DVS | Puerto Princesa | PHL | Philippines  | \$11I | 09° 44' N | 121° 03' E | OJ99ir | 320 | XI    | EE | active   |
| 0920 | 518.0 | [I] | JGC | Yokohama        | JPN | Japan        | \$11I | 35° 14' N | 139° 55' E | PM95wf | 400 | XI    | EE | active   |
| 0920 | 518.0 | [I] | OYN | Upernavik       | GRL | Greenland    | \$17I | 72° 47' N | 56° 12' W  | GQ12vs | 300 | XVIII | EE | on trial |

|      |       |     |     |                        |     |             |       |           |            |        |     |      |    |        |
|------|-------|-----|-----|------------------------|-----|-------------|-------|-----------|------------|--------|-----|------|----|--------|
| 0930 | 518.0 | [J] | SDJ | Gislövshammar          | SWE | Sweden      | \$01J | 55° 29' N | 14° 19' E  | JO75dl | 300 | I    | EE | active |
| 0930 | 518.0 | [J] | LZW | Varna                  | BUL | Bulgaria    | \$03J | 43° 04' N | 27° 46' E  | KN33vb | 350 | III  | EE | active |
| 0930 | 518.0 | [J] | VUU | Vengrula (Maharashtra) | IND | India       | \$08J | 15° 51' N | 73° 37' E  | MK65tu | 250 | VIII | EE | active |
| 0930 | 518.0 | [J] | DZS | Manila                 | PHL | Philippines | \$11J | 14° 30' N | 121° 04' E | PK04mm | 320 | XI   | EE | active |
| 0930 | 518.0 | [J] | JNL | Otaru                  | JPN | Japan       | \$11J | 43° 12' N | 141° 00' E | QN03me | 400 | XI   | EE | active |
| 0930 | 518.0 | [J] | NOJ | Kodiak (east of)       | ALS | Alaska      | \$12J | 57° 46' N | 152° 34' W | BO37rs | 200 | XII  | EE | active |

|      |       |     |     |                  |     |         |       |           |            |        |     |     |    |        |
|------|-------|-----|-----|------------------|-----|---------|-------|-----------|------------|--------|-----|-----|----|--------|
| 0940 | 518.0 | [K] | GNI | Niton (N.France) | ENG | England | \$01K | 50° 35' N | 01° 15' W  | IO93jo | 270 | I   | EE | active |
| 0940 | 518.0 | [K] | SVK | Kerkyra          | GRC | Greece  | \$03K | 39° 36' N | 19° 53' E  | JM99wo | 400 | III | EE | active |
| 0940 | 518.0 | [K] | XVT | Da Nang          | VTN | Vietnam | \$11K | 16° 03' N | 108° 12' E | OK46cb | 400 | XI  | EE | active |
| 0940 | 518.0 | [K] | JNX | Kushiro          | JPN | Japan   | \$11K | 42° 59' N | 144° 23' E | QN22ex | 400 | XI  | EE | active |
| 0940 | 518.0 | [K] | UHS | Murmansk         | RUS | Russia  | \$20K | 68° 46' N | 32° 58' E  | KP68ls | 140 | XX  | EE | active |

|      |       |     |     |          |     |        |       |           |           |        |     |   |    |        |
|------|-------|-----|-----|----------|-----|--------|-------|-----------|-----------|--------|-----|---|----|--------|
| 0950 | 518.0 | [L] | LGQ | Rogaland | NOR | Norway | \$01L | 58° 39' N | 05° 36' E | JO28tp | 450 | I | EE | active |
|------|-------|-----|-----|----------|-----|--------|-------|-----------|-----------|--------|-----|---|----|--------|

|       |       |     |        |                                  |     |               |       |           |            |        |         |      |    |          |
|-------|-------|-----|--------|----------------------------------|-----|---------------|-------|-----------|------------|--------|---------|------|----|----------|
| 0950  | 518.0 | [L] | SVL    | Limnos                           | GRC | Greece        | \$03L | 39° 54' N | 25° 11' E  | KM29ov | 400     | III  | EE | active   |
| 0950  | 518.0 | [L] |        | Muttam Point (Tamil Nadu)        | IND | India         | \$08L | 08° 07' N | 77° 19' E  | MJ88pc | 250     | VIII | EE | active   |
| 0950  | 518.0 | [L] | VRX    | Hong Kong                        | CHN | China         | \$11L | 22° 13' N | 114° 15' E | OL72df | 250     | XI   | EE | active   |
| 0950  | 518.0 | [L] | HCY    | Ayora                            | GAL | Galapagos     | \$12L | 00° 45' S | 90° 19' W  | EI49ug | 250-400 | XII  | EE | active   |
| 0950  | 518.0 | [L] | UGE    | Arkhangelsk                      | RUS | Russia        | \$20L | 64° 51' N | 40° 17' E  | LP04du | 280     | XX   | EE | active   |
| +++++ |       |     |        |                                  |     |               |       |           |            |        |         |      |    |          |
| 1000  | 518.0 | [M] | LGT    | Jeloya                           | NOR | Norway        | \$01M | 59° 26' N | 10° 35' E  | JO59hk | 450     | I    | EE | active   |
| 1000  | 518.0 | [M] | CNP    | Casablanca                       | MRC | Morocco       | \$02M | 33° 36' N | 07° 38' W  | IM63eo | 180     | II   | EE | planned  |
| 1000  | 518.0 | [M] | 5BA    | Cyprus                           | CYP | Cyprus        | \$03M | 35° 02' N | 33° 17' E  | KM65pb | 220     | III  | EE | active   |
| 1000  | 518.0 | [M] | OXF    | Simiutaq                         | GRL | Greenland     | \$04M | 60° 61' N | 64° 35' W  | GP60qq | 300     | IV   | EE | on trial |
| 1000  | 518.0 | [M] | L3K    | Ushuaia                          | ARG | Argentina     | \$06M | 54° 48' S | 68° 18' W  | FD55ue | 280     | VI   | EE | active   |
| 1000  | 518.0 | [M] | A4M    | Wattayah/Muscat                  | OMA | Oman          | \$09M | 23° 36' N | 58° 30' E  | LL93go | 270     | IX   | EE | active   |
| 1000  | 518.0 | [M] | XSI    | Sanya                            | CHN | China         | \$11M | 18° 17' N | 109° 21' E | OK48qq | 250     | XI   | EE | active   |
| 1000  | 518.0 | [M] | HCG    | Guayaquil                        | EQA | Equador       | \$12M | 02° 16' S | 79° 62' W  | FI07br |         | XII  | EE | active   |
| 1000  | 518.0 | [M] |        | Sabetta                          | RSE | Russia        | \$20M | 71° 17' N | 72° 01' E  | MQ61ag | 250     | XX   | EE | testing  |
| 1010  | 518.0 | [N] | LFO    | Orlandet Radio (Grande site)     | NOR | Norway        | \$01N | 63° 40' N | 09° 33' E  | JP43sp | 450     | I    | EE | active   |
| 1010  | 518.0 | [N] | SUH    | Alexandria                       | EGY | Egypt         | \$03N | 31° 12' N | 29° 52' E  | KM41we | 350     | III  | EE | active   |
| 1010  | 518.0 | [N] | NMN    | Portsmouth, VA                   | USA | United States | \$04N | 36° 44' N | 76° 01' W  | FM26ar | 280     | IV   | EE | active   |
| 1010  | 518.0 | [N] | L3D    | Rio Gallegos                     | ARG | Argentina     | \$06N | 51° 37' S | 69° 13' W  | FD58jj | 280     | VI   | EE | active   |
| 1010  | 518.0 | [N] | XSQ    | Guangzhou                        | CHN | China         | \$11N | 23° 09' N | 113° 29' E | OL63sd | 250     | XI   | EE | active   |
| 1010  | 518.0 | [N] |        | Mys Sterlegova                   | RSE | Russia        | \$20N | 75° 24' N | 88° 46' E  | NQ45jj | 300     | XX   | EE | planned  |
| 1020  | 518.0 | [O] | GPK    | Portpatrick                      | SCT | Scotland      | \$01O | 54° 51' N | 05° 07' W  | IO74ku | 270     | I    | EE | active   |
| 1020  | 518.0 | [O] | 9HD    | Malta                            | MLT | Malta         | \$03O | 35° 51' N | 14° 29' E  | JM75fu | 400     | III  | EE | active   |
| 1020  | 518.0 | [O] | VON    | Robin Hood Bay                   | CAN | Canada        | \$04O | 47° 37' N | 52° 40' W  | GN37qo | 300     | IV   | EE | active   |
| 1020  | 518.0 | [O] | L2W    | Comodoro Rivadavia               | ARG | Argentina     | \$06O | 45° 51' S | 67° 25' W  | FE64gd | 280     | VI   | EE | active   |
| 1020  | 518.0 | [O] | ZSD    | Durban                           | AFS | South Africa  | \$07O | 29° 48' S | 30° 49' E  | KG50je | 250     | VII  | EE | active   |
| 1020  | 518.0 | [O] |        | Porto Novo (Tamil Nadu)          | IND | India         | \$08O | 11° 30' N | 79° 46' E  | MK91vm | 250     | VIII | EE | active   |
| 1020  | 518.0 | [O] | XSL    | Fuzhou                           | CHN | China         | \$11O | 26° 02' N | 119° 18' E | OL96ra | 250     | XI   | EE | active   |
| 1020  | 518.0 | [O] |        | Buenaventura                     | CLM | Colombia      | \$04O | 03° 54' N | 77° 03' W  | FJ13lv | 300     | XII  | EE | active   |
| 1020  | 518.0 | [O] | NMO    | Honolulu, HI                     | HWA | Hawaii        | \$12O | 21° 22' N | 158° 09' W | BL01wi | 350     | XII  | EE | active   |
| 1030  | 518.0 | [P] | PBK    | Netherlands Coastguard           | HOL | Netherlands   | \$01P | 52° 55' N | 04° 14' E  | JO22cv | 250     | I    | EE | active   |
| 1030  | 518.0 | [P] | CTQ    | Porto Santo (CENCOMAMADEIRA)     | MDR | Madeira       | \$02P | 33° 06' N | 16° 30' W  | IM13sc | 300     | II   | PP | active   |
| 1030  | 518.0 | [P] | 4XO    | Haifa                            | ISR | Israel        | \$03P | 32° 54' N | 35° 07' E  | KM72mt | 200     | III  | EE | active   |
| 1030  | 518.0 | [P] | XLJ895 | Pass Lake CG (VBA), ON           | CAN | Canada        | \$04P | 48° 26' N | 89° 13' W  | EN58qn | 300     | IV   | EE | active   |
| 1030  | 518.0 | [P] | L2I    | Bahia Blanca                     | ARG | Argentina     | \$06P | 38° 43' S | 62° 06' W  | FF81wg | 280     | VI   | EE | active   |
| 1030  | 518.0 | [P] | ASK    | Karachi                          | PAK | Pakistan      | \$09P | 24° 51' N | 67° 03' E  | ML34mu | 200     | IX   | EE | active   |
| 1030  | 518.0 | [P] |        | Linyuan                          | TWN | Taiwan        | \$11P | 22° 29' N | 120° 25' E | PL02fl | 350     | XI   | EE | active   |
| 1040  | 518.0 | [Q] | EJM    | Malin Head Coast Guard           | IRL | Ireland       | \$01Q | 55° 22' N | 07° 21' W  | IO65hi | 400     | I    | EE | active   |
| 1040  | 518.0 | [Q] | 9AS    | Split                            | HRV | Croatia       | \$03Q | 43° 30' N | 16° 29' E  | JN83fm | 150     | III  | EE | active   |
| 1040  | 518.0 | [Q] | VCO    | Port Caledonia CG, NS            | CAN | Canada        | \$04Q | 46° 11' N | 59° 54' W  | GN06be | 300     | IV   | EE | active   |
| 1040  | 518.0 | [Q] | L2P    | Mar del Plata                    | ARG | Argentina     | \$06Q | 38° 03' S | 57° 32' W  | GF11fw | 280     | VI   | EE | active   |
| 1040  | 518.0 | [Q] |        | Vakalpudi (Andhra Pradesh)       | IND | India         | \$08Q | 17° 00' N | 82° 17' E  | NK17da | 250     | VIII | EE | active   |
| 1040  | 518.0 | [Q] | XSG    | Shanghai                         | CHN | China         | \$11Q | 31° 07' N | 121° 33' E | PM01sc | 250     | XI   | EE | active   |
| 1040  | 518.0 | [Q] | NMQ    | Long Beach, CA (Cambria)         | USA | United States | \$12Q | 35° 31' N | 121° 03' W | CM95lm | 350     | XII  | EE | active   |
| 1040  | 518.0 | [Q] | UAL    | Tiksi (1st July to 30th October) | RSE | Russia        | \$21Q | 71° 38' N | 128° 50' E | PQ41kp | 300     | XXI  | EE | active   |

|      |       |     |         |                         |     |             |       |           |            |        |     |     |    |        |
|------|-------|-----|---------|-------------------------|-----|-------------|-------|-----------|------------|--------|-----|-----|----|--------|
| 1050 | 518.0 | [R] | TFA     | Saudanes                | ISL | Iceland     | \$01R | 66° 11' N | 18° 57' W  | IP06me | 450 | I   | EE | active |
| 1050 | 518.0 | [R] | CTV-251 | Penalva (CENCOMAR)      | POR | Portugal    | \$02R | 38° 36' N | 09° 02' W  | IM58lo | 530 | II  | EE | active |
| 1050 | 518.0 | [R] | UBJ     | Baku (Chilov)           | AZE | Azerbaijan  | \$03R | 40° 19' N | 50° 36' E  | LN50hh | 200 | III | EE | active |
| 1050 | 518.0 | [R] | ICH     | La Maddalena            | SAR | Sardinia    | \$03R | 41° 13' N | 09° 23' E  | JN41qf | 320 | III | EE | active |
| 1050 | 518.0 | [R] | NMR     | Isabella - San Juan, PR | PTR | Puerto Rico | \$04R | 18° 28' N | 67° 04' W  | FK68ll | 200 | IV  | EE | active |
| 1050 | 518.0 | [R] | L2B     | Buenos Aires            | ARG | Argentina   | \$06R | 34° 36' S | 58° 22' W  | GF05tj | 560 | VI  | EE | active |
| 1050 | 518.0 | [R] | XSZ     | Dalian                  | CHN | China       | \$11R | 38° 51' N | 121° 31' E | PM08su | 250 | XI  | EE | active |
| 1050 | 518.0 | [R] |         | Davao                   | PHL | Philippines | \$11R | 07° 04' N | 125° 36' E | PJ27tb | 320 | XI  | EE | active |

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|------|-------|-----|-------|--------------------------------|-----|------------------|-------|-----------|------------|--------|---------|------|-------|-----------|
| 1100 | 518.0 | [S] | DDH51 | Pinneberg                      | DEU | Germany          | \$01S | 53° 43' N | 09° 55' E  | JO43wr | 250-400 | I    | EE    | active    |
| 1100 | 518.0 | [S] | DWT   | Lagos                          | NIG | Nigeria          | \$02S | 06° 26' N | 03° 18' E  | JJ16pk | 200-260 | II   | EE    | planned   |
| 1100 | 518.0 | [S] |       | Balasore (Orissa)              | IND | India            | \$08S | 21° 29' N | 86° 55' E  | NL31ll | 250     | VIII | EE    | active    |
| 1100 | 518.0 | [S] | 9WH21 | Sandakan                       | MLA | Malaysia         | \$11S | 05° 54' N | 118° 00' E | OJ95av | 350     | XI   | EE    | active    |
| 1100 | 518.0 | [S] | XSV   | Tianjin                        | CHN | China            | \$11S | 39° 02' N | 117° 26' E | OM89ra | 250     | XI   | EE    | active    |
| 1100 | 518.0 | [S] | OBY2  | Paita                          | PRU | Peru             | \$16S | 05° 06' S | 81° 07' W  | EI94kv | 400     | XVI  | EE/SS | active    |
| 1110 | 518.0 | [T] | OST   | Oostende                       | BEL | Belgium          | \$01T | 51° 11' N | 02° 48' E  | JO11je | 110     | I    | EE    | active    |
| 1110 | 518.0 | [T] | 3VL   | Kelibia (broadcasts via Malta) | TUN | Tunisia          | \$03T | 36° 48' N | 11° 02' E  | JM56mt | 270     | III  | EE    | via Malta |
| 1110 | 518.0 | [T] | S7Q   | Mahé                           | SEY | Seychelles       | \$08T | 04° 39' S | 55° 28' E  | LI75ri | 250     | VIII | EE    | active    |
| 1110 | 518.0 | [T] | 9WW21 | Miri (Sarawak)                 | MLA | Malaysia         | \$11T | 04° 26' N | 114° 01' E | OJ74ak | 350     | XI   | EE    | active    |
| 1110 | 518.0 | [T] | VFF   | Iqaluit CG, NU (May-Dec only)  | CAN | Canada           | \$18T | 63° 44' N | 68° 33' W  | FP53rr | 150     | IV   | EE    | active    |
| 1120 | 518.0 | [U] | D4A   | São Vicente Radio              | CPV | Cape Verde       | \$02U | 16° 51' N | 25° 00' W  | HK76mu | 250     | II   | EE    | active    |
| 1120 | 518.0 | [U] | IQM   | Mondolfo                       | ITA | Italy            | \$03U | 43° 44' N | 13° 08' E  | JN63ns | 320     | III  | EE    | active    |
| 1120 | 518.0 | [U] | VAR-9 | Chebogue, NB                   | CAN | Canada           | \$04U | 45° 14' N | 65° 59' W  | FN63ws | 300     | IV   | EE    | active    |
| 1120 | 518.0 | [U] |       | Cape Columbine                 | AFS | South Africa     | \$07U | 32° 49' S | 17° 51' E  | JF87we | 300     | VII  | EE    | active    |
| 1120 | 518.0 | [U] | 9MG   | Penang                         | MLA | Malaysia         | \$11U | 05° 25' N | 100° 24' E | OJ05ek | 350     | XI   | EE    | active    |
| 1120 | 518.0 | [U] | OBC3  | Callao                         | PRU | Peru             | \$16U | 12° 04' S | 77° 09' W  | FH17kw | 400     | XVI  | EE/SS | inactive  |
| 1130 | 518.0 | [V] | OST   | Oostende (Thames)              | BEL | Belgium          | \$01U | 51° 11' N | 02° 48' E  | JO11je | 150     | I    | EE    | active    |
| 1130 | 518.0 | [V] | ICI   | Sellia Marina                  | ITA | Italy            | \$03V | 38° 52' N | 16° 43' E  | JM88iu | 320     | III  | EE    | active    |
| 1130 | 518.0 | [V] | VWP   | Keating Point (Andaman)        | IND | India            | \$08V | 09° 15' N | 92° 46' E  | NJ69jg | 250     | VIII | EE    | active    |
| 1130 | 518.0 | [V] | SUK   | Kosseir (Al Qusayr)            | EGY | Egypt            | \$09V | 26° 06' N | 34° 17' E  | KL76dc | 350     | IX   | EE    | active    |
| 1130 | 518.0 | [V] | HL    | Chukpyon                       | KOR | South Korea      | \$11V | 37° 03' N | 129° 26' E | PM47rb | 200     | XI   | EE    | active    |
| 1130 | 518.0 | [V] | NRV   | Guam                           | GUM | Guam             | \$11V | 13° 29' N | 144° 50' E | QK23kl | 100     | XI   | EE    | active    |
| 1140 | 518.0 | [W] | EJK   | Valentia Coast Guard           | IRL | Ireland          | \$01W | 51° 56' N | 10° 21' W  | IO41tw | 400     | I    | EE    | active    |
| 1140 | 518.0 | [W] | UJB   | Astrakhan                      | RUS | Russia (Caspian) | \$03W | 45° 47' N | 47° 33' E  | LN35ss | 250     | III  | EE    | active    |
| 1140 | 518.0 | [W] | FRL   | CROSS La Garde                 | FRA | France           | \$03W | 43° 06' N | 05° 59' E  | JN23xc | 250     | III  | EE    | active    |
| 1140 | 518.0 | [W] | OXI   | Nuuk (Kook Island)             | GRL | Greenland        | \$04W | 64° 04' N | 52° 02' W  | GP34xb | 400     | IV   | EE    | active    |
| 1140 | 518.0 | [W] | HL    | Pyonsan (Byeonsan)             | KOR | South Korea      | \$11W | 35° 36' N | 126° 29' E | PM35fo | 200     | XI   | EE    | active    |
| 1140 | 518.0 | [W] | NMW   | Astoria, OR                    | USA | United States    | \$12W | 46° 12' N | 123° 57' W | CN86ae | 216     | XII  | EE    | active    |
| 1140 | 518.0 | [W] | OBF4  | Mollendo                       | PRU | Peru             | \$16W | 12° 04' S | 77° 09' W  | FH33xa | 400     | XVI  | EE/SS | active    |
| 1150 | 518.0 | [X] | TFA   | Grindavik                      | ISL | Iceland          | \$01X | 63° 47' N | 22° 31' W  | HP83rs | 450     | I    | EE    | active    |
| 1150 | 518.0 | [X] | EAV   | Valencia (Cabo de la Nao)      | ESP | Spain            | \$03X | 38° 43' N | 00° 11' E  | JM08cr | 300     | III  | EE    | active    |
| 1150 | 518.0 | [X] | VOK   | Cartwright, NL                 | CAN | Canada           | \$04X | 53° 42' N | 57° 01' W  | GO13lq | 300     | IV   | EE    | inactive  |
| 1150 | 518.0 | [X] | SUZ   | Ismailia (al Ismailiyah)       | EGY | Egypt            | \$09X | 30° 35' N | 32° 17' E  | KM60el | 400     | IX   | EE    | active    |
| 1150 | 518.0 | [X] | XVS   | Ho Chi Minh                    | VTN | Vietnam          | \$11X | 10° 47' N | 106° 40' E | OK30nj | 400     | XI   | EE    | active    |
| 1150 | 518.0 | [X] | NOJ   | Kodiak (west of)               | ALS | Alaska           | \$12X | 57° 46' N | 152° 34' W | BO37rs | 200     | XII  | EE    | active    |

|       |       |     |       |                                   |     |               |       |           |            |        |     |      |    |          |
|-------|-------|-----|-------|-----------------------------------|-----|---------------|-------|-----------|------------|--------|-----|------|----|----------|
| 1150  | 518.0 | [X] | SUZ   | Ismailia (al Ismailiyah)          | EGY | Egypt         | \$09X | 30° 35' N | 32° 17' E  | KM60el | 400 | IX   | EE | active   |
| 1150  | 518.0 | [X] | XVS   | Ho Chi Minh                       | VTN | Vietnam       | \$11X | 10° 47' N | 106° 40' E | OK30nj | 400 | XI   | EE | active   |
| 1150  | 518.0 | [X] | NOJ   | Kodiak (west of)                  | ALS | Alaska        | \$12X | 57° 46' N | 152° 34' W | BO37rs | 200 | XII  | EE | active   |
| +++++ |       |     |       |                                   |     |               |       |           |            |        |     |      |    |          |
| 1200  | 518.0 | [A] | FRC   | CROSS Corsen                      | FRA | France        | \$01A | 48° 24' N | 05° 03' W  | IN78ll | 300 | I/II | EE | active   |
| 1200  | 518.0 | [A] | UFN   | Novorossiysk                      | RUS | Russia        | \$03A | 44° 36' N | 37° 58' E  | KN84xo | 300 | III  | EE | active   |
| 1200  | 518.0 | [A] | NMA   | Miami, FL                         | USA | United States | \$04A | 25° 30' N | 80° 23' W  | EL95to | 240 | IV   | EE | active   |
| 1200  | 518.0 | [A] | CWM27 | La Paloma                         | URG | Uruguay       | \$06A | 34° 40' S | 54° 09' W  | GF25wi | 280 | VI   | EE | inactive |
| 1200  | 518.0 | [A] | EQM   | Bushehr                           | IRN | Iran          | \$09A | 28° 58' N | 50° 50' E  | LL58kx | 300 | IX   | EE | active   |
| 1200  | 518.0 | [A] | PNK   | Jayapura                          | INS | Indonesia     | \$11A | 02° 31' S | 140° 43' E | QI07il | 300 | XI   | EE | active   |
| 1200  | 518.0 | [A] | UIK   | Vladivostok                       | RSE | Russia        | \$13A | 43° 23' N | 131° 54' E | PN53wj | 280 | XIII | EE | active   |
| 1200  | 518.0 | [A] | CBA   | Antofagasta                       | CHL | Chile         | \$15A | 23° 30' S | 70° 25' W  | FG46sm | 400 | XV   | EE | active   |
| 1200  | 518.0 | [A] | LGS   | Svalbard                          | SVB | Svalbard      | \$19A | 78° 02' N | 13° 40' E  | JQ68ta | 450 | XIX  | EE | active   |
| 1210  | 518.0 | [B] | 7TA   | Ain Taya Radio                    | ALG | Algeria       | \$03B | 36° 48' N | 03° 15' E  | JM16pp | 200 | III  | EE | active   |
| 1210  | 518.0 | [B] | ZBR   | Bermuda Harbour                   | BER | Bermuda       | \$04B | 32° 21' N | 64° 39' W  | FM72qi | 280 | IV   | EE | active   |
| 1210  | 518.0 | [B] | A9M   | Hamala                            | BHR | Bahrain       | \$09B | 26° 09' N | 50° 28' E  | LL56fd | 300 | IX   | EE | active   |
| 1210  | 518.0 | [B] | V5W   | Walvis Bay                        | NMB | Namibia       | \$07B | 23° 03' S | 14° 37' E  | JG76hw | 380 | VII  | EE | inactive |
| 1210  | 518.0 | [B] | PKE   | Ambon                             | INS | Indonesia     | \$11B | 03° 42' S | 128° 12' E | PI46ch | 300 | XI   | EE | active   |
| 1210  | 518.0 | [B] | UFO   | Kholmsk                           | RSE | Russia        | \$13B | 47° 02' N | 142° 03' E | QN17aa | 300 | XIII | EE | active   |
| 1210  | 518.0 | [B] | CBV   | Valparaiso (Playa Ancha)          | CHL | Chile         | \$15B | 33° 05' S | 71° 37' W  | FF46ev | 300 | XV   | EE | active   |
| 1210  | 518.0 | [B] | LGP   | Bodø                              | NOR | Norway        | \$19B | 67° 16' N | 14° 23' E  | JP77eg | 450 | XIX  | EE | active   |
| 1220  | 518.0 | [C] | 6VA   | Dakar                             | SEN | Senegal       | \$03C | 14° 46' N | 17° 20' W  | IK14hs | 250 | II   | EE | inactive |
| 1220  | 518.0 | [C] | UTT   | Odesa                             | UKR | Ukraine       | \$03C | 46° 29' N | 30° 44' E  | KN56il | 250 | III  | EE | active   |
| 1220  | 518.0 | [C] | HJW   | Santa Marta                       | CLM | Colombia      | \$04C | 11° 03' N | 74° 13' W  | FK21vb | 300 | IV   | EE | active   |
| 1220  | 518.0 | [C] | VCK   | Moise CG, QC                      | CAN | Canada        | \$04C | 50° 11' N | 66° 07' W  | FO60we | 300 | IV   | EE | active   |
| 1220  | 518.0 | [C] | ZSC   | Cape Town                         | AFS | South Africa  | \$07C | 33° 41' S | 18° 43' E  | JF96ih | 500 | VII  | EE | active   |
| 1220  | 518.0 | [C] | 3BM   | Mauritius Radio (Cassis)          | MAU | Mauritius     | \$08C | 20° 10' S | 57° 28' E  | LG89rt | 400 | VIII | EE | active   |
| 1220  | 518.0 | [C] | 9VG   | Singapore                         | SNG | Singapore     | \$11C | 01° 20' N | 103° 42' E | OJ11uh | 400 | XI   | EE | active   |
| 1220  | 518.0 | [C] | NMC   | San Francisco (Point Reyes)       | USA | United States | \$12C | 37° 55' N | 122° 43' W | CM87pv | 350 | XII  | EE | active   |
| 1220  | 518.0 | [C] | UBA2  | Petropavlovsk                     | RSE | Russia        | \$13C | 53° 15' N | 158° 25' E | QO93eg | 280 | XIII | EE | active   |
| 1220  | 518.0 | [C] | CBT   | Talcahuano                        | CHL | Chile         | \$15C | 36° 41' S | 73° 07' W  | FF33kh | 400 | XV   | EE | active   |
| 1220  | 518.0 | [C] | LGV   | Vardø Radio                       | NOR | Norway        | \$19C | 70° 22' N | 31° 06' E  | KQ50ni | 450 | XIX  | EE | active   |
| 1230  | 518.0 | [D] | OXJ   | Tórshavn                          | FRO | Faroes        | \$01D | 62° 01' N | 06° 48' W  | IP62oa | 250 | I    | EE | active   |
| 1230  | 518.0 | [D] | EAR   | Coruna                            | ESP | Spain         | \$02D | 43° 22' N | 08° 27' W  | IN53si | 400 | II   | EE | active   |
| 1230  | 518.0 | [D] | TAH   | Istanbul                          | TUR | Turkey        | \$03D | 41° 04' N | 28° 57' E  | KN41lb | 300 | III  | EE | active   |
| 1230  | 518.0 | [D] | PKF   | Makassar                          | INS | Indonesia     | \$11D | 05° 06' S | 119° 26' E | QI94rv | 300 | XI   | EE | active   |
| 1230  | 518.0 | [D] | HMZ   | Pyongyang                         | KRE | North Korea   | \$12D | 38° 55' N | 125° 43' E | PM28uv | 200 | XI   | EE | active   |
| 1230  | 518.0 | [D] | VAJ   | Digby Island (Prince Rupert MCTS) | CAN | Canada        | \$12D | 54° 18' N | 130° 25' W | CO44th | 300 | XII  | EE | active   |
| 1230  | 518.0 | [D] | UIB   | Magadan                           | RSE | Russia        | \$13D | 59° 41' N | 150° 09' E | QO59bg | 120 | XIII | EE | active   |
| 1230  | 518.0 | [D] | CBP   | Puerto Montt                      | CHL | Chile         | \$15D | 41° 29' S | 72° 57' W  | FE38mm | 400 | XV   | EE | active   |
| 1240  | 518.0 | [E] | GNI   | Niton                             | ENG | England       | \$01E | 50° 35' N | 01° 15' W  | IO90jo | 270 | I    | EE | active   |
| 1240  | 518.0 | [E] | TAF   | Samsun                            | TUR | Turkey        | \$03E | 41° 17' N | 36° 20' E  | KN81eg | 300 | III  | EE | active   |
| 1240  | 518.0 | [E] | NMB   | Charleston, SC                    | USA | United States | \$04E | 32° 08' N | 79° 57' W  | FM02ad | 200 | IV   | EE | active   |
| 1240  | 518.0 | [E] | PKX   | Jakarta                           | INS | Indonesia     | \$11E | 06° 07' S | 106° 52' E | OI33kv | 300 | XI   | EE | active   |
| 1240  | 518.0 | [E] | HMH   | Hamhung                           | KRE | North Korea   | \$12E | 39° 50' N | 127° 41' E | PM39uu | 200 | XI   | EE | active   |
| 1240  | 518.0 | [E] | CBM   | Punta Arenas (Magallenes)         | CHL | Chile         | \$15E | 53° 10' S | 70° 54' W  | FD46nu | 400 | XV   | EE | active   |
| 1240  | 518.0 | [E] | UCT2  | Beringovskiy                      | RSE | Russia        | \$21E | 63° 03' N | 179° 20' E | RP93qb | 250 | XXI  | EE | planned  |

|      |       |     |     |                             |     |               |       |           |            |        |     |     |    |          |
|------|-------|-----|-----|-----------------------------|-----|---------------|-------|-----------|------------|--------|-----|-----|----|----------|
| 1250 | 518.0 | [F] | ESA | Tallinn                     | EST | Estonia       | \$01F | 59° 30' N | 24° 30' E  | KO29gm | 300 | I   | EE | active   |
| 1250 | 518.0 | [F] | CTH | Sao Miguel (CENCOMARACORES) | AZR | Azores        | \$02F | 37° 48' N | 25° 33' W  | HM77ft | 300 | II  | EE | active   |
| 1250 | 518.0 | [F] | TAL | Antalya                     | TUR | Turkey        | \$03F | 36° 53' N | 30° 42' E  | KM56lv | 300 | III | EE | active   |
| 1250 | 518.0 | [F] | NMF | Boston, MA                  | USA | United States | \$04F | 41° 43' N | 70° 31' W  | FN41sr | 200 | IV  | EE | active   |
| 1250 | 518.0 | [F] | EQI | Bandar-e-Shahid Rajai       | IRN | Iran          | \$09F | 27° 08' N | 57° 04' E  | LL87ac | 300 | IX  | EE | active   |
| 1250 | 518.0 | [F] | HAS | Bangkok (Nonthaburi)        | THA | Thailand      | \$11F | 13° 01' N | 100° 01' E | OK03aa | 200 | XI  | EE | active   |
| 1250 | 518.0 | [F] | CBY | Isla de Pascua              | PAQ | Easter Island | \$15F | 27° 09' S | 109° 25' W | DG52gu | 300 | XV  | EE | inactive |
| 1250 | 518.0 | [F] | UCZ | Provideniya                 | RSE | Russia        | \$21F | 64° 40' N | 173° 10' E | RP64nq | 250 | XXI | EE | planned  |

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|------|-------|-----|------|-----------------|-----|---------------|-------|-----------|------------|--------|-----|------|----|----------|
| 1300 | 518.0 | [G] | GCC  | Cullercoats     | ENG | England       | \$01G | 55° 04' N | 01° 28' W  | IO95gb | 270 | I    | EE | active   |
| 1300 | 518.0 | [G] | EAC  | Tarifa          | ESP | Spain         | \$02G | 36° 02' N | 05° 33' W  | IM76fa | 400 | II   | EE | active   |
| 1300 | 518.0 | [G] | UKW  | Berdyansk       | UKR | Ukraine       | \$03G | 45° 23' N | 36° 28' E  | KN86jp | 250 | III  | EE | active   |
| 1300 | 518.0 | [G] | NMG  | New Orleans, LA | USA | United States | \$04G | 29° 53' N | 89° 55' W  | EL59av | 200 | IV   | EE | active   |
| 1300 | 518.0 | [G] | L6I  | Rosairo         | ARG | Argentina     | \$06G | 32° 57' S | 60° 40' W  | FF97qb | 280 | VI   | EE | inactive |
| 1300 | 518.0 | [G] | HZG  | Dammam          | ARS | Saudi Arabia  | \$09G | 26° 26' N | 50° 06' E  | LL56bk | 390 | IX   | EE | inactive |
| 1300 | 518.0 | [G] | JNB  | Naha            | JPN | Japan         | \$11G | 26° 09' N | 127° 46' E | PL36vd | 400 | XI   | EE | active   |
| 1300 | 518.0 | [G] | UCV2 | Okhotsk         | RSE | Russia        | \$13G | 59° 22' N | 143° 12' E | QO19oi | 300 | XIII | EE | active   |

|      |       |     |        |                                       |     |                      |       |           |            |        |         |      |    |          |
|------|-------|-----|--------|---------------------------------------|-----|----------------------|-------|-----------|------------|--------|---------|------|----|----------|
| 1310 | 518.0 | [H] | SDJ    | Bjuröklubb                            | SWE | Sweden               | \$01H | 64° 28' N | 21° 36' E  | KP04tl | 300     | I    | EE | active   |
| 1310 | 518.0 | [H] | SVH    | Irákleio (Crete)                      | GRC | Greece               | \$02H | 35° 19' N | 25° 45' E  | KM25vh | 280-400 | III  | EE | active   |
| 1310 | 518.0 | [H] | JPC    | Curacao                               | ATN | Netherlands Antilles | \$03H | 12° 10' N | 68° 52' W  | FK52ne | 250     | IV   | EE | active   |
| 1310 | 518.0 | [H] | XMJ329 | Ferndale CG, ON (VBR)                 | CAN | Canada               | \$04H | 45° 42' N | 75° 31' W  | FN25fq | 300     | IV   | EE | active   |
| 1310 | 518.0 | [H] |        | Veraval (Gujarat)                     | IND | India                | \$08H | 20° 54' N | 70° 23' E  | ML50ev | 250     | VIII | EE | active   |
| 1310 | 518.0 | [H] | HZH    | Jeddah                                | ARS | Saudi Arabia         | \$09H | 21° 23' N | 39° 11' E  | KL91oj | 390     | IX   | EE | inactive |
| 1310 | 518.0 | [H] | JNR    | Moji                                  | JPN | Japan                | \$11H | 33° 52' N | 130° 36' E | PM53hu | 400     | XI   | EE | active   |
| 1310 | 518.0 | [H] | XLK835 | Amphritite Point (Prince Rupert MCTS) | CAN | Canada               | \$12H | 48° 56' N | 125° 32' W | CN78fw | 300     | XII  | EE | active   |

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|------|-------|-----|-----|-----------------|-----|--------------|-------|-----------|------------|--------|-----|-------|----|----------|
| 1320 | 518.0 | [I] | SDJ | Grimeton        | SWE | Sweden       | \$01I | 57° 06' N | 12° 23' E  | JO67ec | 300 | I     | EE | active   |
| 1320 | 518.0 | [I] | EAL | Las Palmas      | CNR | Canary Isles | \$02I | 28° 26' N | 16° 20' W  | IL18tk | 400 | II    | EE | active   |
| 1320 | 518.0 | [I] | TAN | Izmir           | TUR | Turkey       | \$03I | 38° 17' N | 26° 16' E  | KM38dg | 300 | III   | EE | active   |
| 1320 | 518.0 | [I] | ZSQ | Port Elizabeth  | AFS | South Africa | \$07I | 34° 02' S | 25° 33' E  | KF25sx | 500 | VII   | EE | active   |
| 1320 | 518.0 | [I] | DVS | Puerto Princesa | PHL | Philippines  | \$11I | 09° 44' N | 121° 03' E | OJ99ir | 320 | XI    | EE | active   |
| 1320 | 518.0 | [I] | JGC | Yokohama        | JPN | Japan        | \$11I | 35° 14' N | 139° 55' E | PM95wf | 400 | XI    | EE | active   |
| 1320 | 518.0 | [I] | OYN | Upernavik       | GRL | Greenland    | \$17I | 72° 47' N | 56° 12' W  | GQ12vs | 300 | XVIII | EE | on trial |

|      |       |     |     |                        |     |             |       |           |            |        |     |      |    |        |
|------|-------|-----|-----|------------------------|-----|-------------|-------|-----------|------------|--------|-----|------|----|--------|
| 1330 | 518.0 | [J] | SDJ | Gislövshammar          | SWE | Sweden      | \$01J | 55° 29' N | 14° 19' E  | JO75dl | 300 | I    | EE | active |
| 1330 | 518.0 | [J] | LZW | Varna                  | BUL | Bulgaria    | \$03J | 43° 04' N | 27° 46' E  | KN33vb | 350 | III  | EE | active |
| 1330 | 518.0 | [J] | VUU | Vengrula (Maharashtra) | IND | India       | \$08J | 15° 51' N | 73° 37' E  | MK65tu | 250 | VIII | EE | active |
| 1330 | 518.0 | [J] | DZS | Manila                 | PHL | Philippines | \$11J | 14° 30' N | 121° 04' E | PK04mm | 320 | XI   | EE | active |
| 1330 | 518.0 | [J] | JNL | Otaru                  | JPN | Japan       | \$11J | 43° 12' N | 141° 00' E | QN03me | 400 | XI   | EE | active |
| 1330 | 518.0 | [J] | NOJ | Kodiak (east of)       | ALS | Alaska      | \$12J | 57° 46' N | 152° 34' W | BO37rs | 200 | XII  | EE | active |

|      |       |     |     |                  |     |         |       |           |            |        |     |     |    |        |
|------|-------|-----|-----|------------------|-----|---------|-------|-----------|------------|--------|-----|-----|----|--------|
| 1340 | 518.0 | [K] | GNI | Niton (N.France) | ENG | England | \$01K | 50° 35' N | 01° 15' W  | IO93jo | 270 | I   | EE | active |
| 1340 | 518.0 | [K] | SVK | Kerkyra          | GRC | Greece  | \$03K | 39° 36' N | 19° 53' E  | JM99wo | 400 | III | EE | active |
| 1340 | 518.0 | [K] | XVT | Da Nang          | VTN | Vietnam | \$11K | 16° 03' N | 108° 12' E | OK46cb | 400 | XI  | EE | active |
| 1340 | 518.0 | [K] | JNX | Kushiro          | JPN | Japan   | \$11K | 42° 59' N | 144° 23' E | QN22ex | 400 | XI  | EE | active |
| 1340 | 518.0 | [K] | UHS | Murmansk         | RUS | Russia  | \$20K | 68° 46' N | 32° 58' E  | KP68ls | 140 | XX  | EE | active |

|      |       |     |     |                           |     |           |       |           |            |        |         |      |    |        |
|------|-------|-----|-----|---------------------------|-----|-----------|-------|-----------|------------|--------|---------|------|----|--------|
| 1350 | 518.0 | [L] | LGQ | Rogaland                  | NOR | Norway    | \$01L | 58° 39' N | 05° 36' E  | JO28tp | 450     | I    | EE | active |
| 1350 | 518.0 | [L] | SVL | Limnos                    | GRC | Greece    | \$03L | 39° 54' N | 25° 11' E  | KM29ov | 400     | III  | EE | active |
| 1350 | 518.0 | [L] |     | Muttam Point (Tamil Nadu) | IND | India     | \$08L | 08° 07' N | 77° 19' E  | MJ88pc | 250     | VIII | EE | active |
| 1350 | 518.0 | [L] | VRX | Hong Kong                 | CHN | China     | \$11L | 22° 13' N | 114° 15' E | OL72df | 250     | XI   | EE | active |
| 1350 | 518.0 | [L] | HCY | Ayora                     | GAL | Galapagos | \$12L | 00° 45' S | 90° 19' W  | EI49ug | 250-400 | XII  | EE | active |
| 1350 | 518.0 | [L] | UGE | Arkhangelsk               | RUS | Russia    | \$20L | 64° 51' N | 40° 17' E  | LP04du | 280     | XX   | EE | active |

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|------|-------|-----|--------|----------------------------------|-----|---------------|-------|-----------|------------|--------|-----|------|----|----------|
| 1400 | 518.0 | [M] | LGT    | Jeloya                           | NOR | Norway        | \$01M | 59° 26' N | 10° 35' E  | JO59hk | 450 | I    | EE | active   |
| 1400 | 518.0 | [M] | CNP    | Casablanca                       | MRC | Morocco       | \$02M | 33° 36' N | 07° 38' W  | IM63eo | 180 | II   | EE | planned  |
| 1400 | 518.0 | [M] | 5BA    | Cyprus                           | CYP | Cyprus        | \$03M | 35° 02' N | 33° 17' E  | KM65pb | 220 | III  | EE | active   |
| 1400 | 518.0 | [M] | OXF    | Simiutaq                         | GRL | Greenland     | \$04M | 60° 61' N | 64° 35' W  | GP60qq | 300 | IV   | EE | on trial |
| 1400 | 518.0 | [M] | L3K    | Ushuaia                          | ARG | Argentina     | \$06M | 54° 48' S | 68° 18' W  | FD55ue | 280 | VI   | EE | active   |
| 1400 | 518.0 | [M] | A4M    | Wattayah/Muscat                  | OMA | Oman          | \$09M | 23° 36' N | 58° 30' E  | LL93go | 270 | IX   | EE | active   |
| 1400 | 518.0 | [M] | XSI    | Sanya                            | CHN | China         | \$11M | 18° 17' N | 109° 21' E | OK48qq | 250 | XI   | EE | active   |
| 1400 | 518.0 | [M] | HCG    | Guayaquil                        | EQA | Equador       | \$12M | 02° 16' S | 79° 62' W  | FI07br |     | XII  | EE | active   |
| 1400 | 518.0 | [M] |        | Sabetta                          | RSE | Russia        | \$20M | 71° 17' N | 72° 01' E  | MQ61ag | 250 | XX   | EE | testing  |
| 1410 | 518.0 | [N] | LFO    | Orlandet Radio (Grande site)     | NOR | Norway        | \$01N | 63° 40' N | 09° 33' E  | JP43sp | 450 | I    | EE | active   |
| 1410 | 518.0 | [N] | SUH    | Alexandria                       | EGY | Egypt         | \$03N | 31° 12' N | 29° 52' E  | KM41we | 350 | III  | EE | active   |
| 1410 | 518.0 | [N] | NMN    | Portsmouth, VA                   | USA | United States | \$04N | 36° 44' N | 76° 01' W  | FM26ar | 280 | IV   | EE | active   |
| 1410 | 518.0 | [N] | L3D    | Rio Gallegos                     | ARG | Argentina     | \$06N | 51° 37' S | 69° 13' W  | FD58jj | 280 | VI   | EE | active   |
| 1410 | 518.0 | [N] | XSQ    | Guangzhou                        | CHN | China         | \$11N | 23° 09' N | 113° 29' E | OL63sd | 250 | XI   | EE | active   |
| 1410 | 518.0 | [N] |        | Mys Sterlegova                   | RSE | Russia        | \$20N | 75° 24' N | 88° 46' E  | NQ45jj | 300 | XX   | EE | planned  |
| 1420 | 518.0 | [O] | GPK    | Portpatrick                      | SCT | Scotland      | \$01O | 54° 51' N | 05° 07' W  | IO74ku | 270 | I    | EE | active   |
| 1420 | 518.0 | [O] | 9HD    | Malta                            | MLT | Malta         | \$03O | 35° 51' N | 14° 29' E  | JM75fu | 400 | III  | EE | active   |
| 1420 | 518.0 | [O] | VON    | Robin Hood Bay                   | CAN | Canada        | \$04O | 47° 37' N | 52° 40' W  | GN37qo | 300 | IV   | EE | active   |
| 1420 | 518.0 | [O] | L2W    | Comodoro Rivadavia               | ARG | Argentina     | \$06O | 45° 51' S | 67° 25' W  | FE64gd | 280 | VI   | EE | active   |
| 1420 | 518.0 | [O] | ZSD    | Durban                           | AFS | South Africa  | \$07O | 29° 48' S | 30° 49' E  | KG50je | 250 | VII  | EE | active   |
| 1420 | 518.0 | [O] |        | Porto Novo (Tamil Nadu)          | IND | India         | \$08O | 11° 30' N | 79° 46' E  | MK91vm | 250 | VIII | EE | active   |
| 1420 | 518.0 | [O] | XSL    | Fuzhou                           | CHN | China         | \$11O | 26° 02' N | 119° 18' E | OL96ra | 250 | XI   | EE | active   |
| 1420 | 518.0 | [O] |        | Buenaventura                     | CLM | Colombia      | \$04O | 03° 54' N | 77° 03' W  | FJ13lv | 300 | XII  | EE | active   |
| 1420 | 518.0 | [O] | NMO    | Honolulu, HI                     | HWA | Hawaii        | \$12O | 21° 22' N | 158° 09' W | BL01wi | 350 | XII  | EE | active   |
| 1430 | 518.0 | [P] | PBK    | Netherlands Coastguard           | HOL | Netherlands   | \$01P | 52° 55' N | 04° 14' E  | JO22cv | 250 | I    | EE | active   |
| 1430 | 518.0 | [P] | CTQ    | Porto Santo (CENCOMAMADEIRA)     | MDR | Madeira       | \$02P | 33° 06' N | 16° 30' W  | IM13sc | 300 | II   | PP | active   |
| 1430 | 518.0 | [P] | 4XO    | Haifa                            | ISR | Israel        | \$03P | 32° 54' N | 35° 07' E  | KM72mt | 200 | III  | EE | active   |
| 1430 | 518.0 | [P] | XLJ895 | Pass Lake CG (VBA), ON           | CAN | Canada        | \$04P | 48° 26' N | 89° 13' W  | EN58qn | 300 | IV   | EE | active   |
| 1430 | 518.0 | [P] | L2I    | Bahia Blanca                     | ARG | Argentina     | \$06P | 38° 43' S | 62° 06' W  | FF81wg | 280 | VI   | EE | active   |
| 1430 | 518.0 | [P] | ASK    | Karachi                          | PAK | Pakistan      | \$09P | 24° 51' N | 67° 03' E  | ML34mu | 200 | IX   | EE | active   |
| 1430 | 518.0 | [P] |        | Linyuan                          | TWN | Taiwan        | \$11P | 22° 29' N | 120° 25' E | PL02fl | 350 | XI   | EE | active   |
| 1440 | 518.0 | [Q] | EJM    | Malin Head Coast Guard           | IRL | Ireland       | \$01Q | 55° 22' N | 07° 21' W  | IO65hi | 400 | I    | EE | active   |
| 1440 | 518.0 | [Q] | 9AS    | Split                            | HRV | Croatia       | \$03Q | 43° 30' N | 16° 29' E  | JN83fm | 150 | III  | EE | active   |
| 1440 | 518.0 | [Q] | VCO    | Port Caledonia CG, NS            | CAN | Canada        | \$04Q | 46° 11' N | 59° 54' W  | GN06be | 300 | IV   | EE | active   |
| 1440 | 518.0 | [Q] | L2P    | Mar del Plata                    | ARG | Argentina     | \$06Q | 38° 03' S | 57° 32' W  | GF11fw | 280 | VI   | EE | active   |
| 1440 | 518.0 | [Q] |        | Vakalpudi (Andhra Pradesh)       | IND | India         | \$08Q | 17° 00' N | 82° 17' E  | NK17da | 250 | VIII | EE | active   |
| 1440 | 518.0 | [Q] | XSG    | Shanghai                         | CHN | China         | \$11Q | 31° 07' N | 121° 33' E | PM01sc | 250 | XI   | EE | active   |
| 1440 | 518.0 | [Q] | NMQ    | Long Beach, CA (Cambria)         | USA | United States | \$12Q | 35° 31' N | 121° 03' W | CM95lm | 350 | XII  | EE | active   |
| 1440 | 518.0 | [Q] | UAL    | Tiksi (1st July to 30th October) | RSE | Russia        | \$21Q | 71° 38' N | 128° 50' E | PQ41kp | 300 | XXI  | EE | active   |

|      |       |     |         |                         |     |             |       |           |            |        |     |     |    |        |
|------|-------|-----|---------|-------------------------|-----|-------------|-------|-----------|------------|--------|-----|-----|----|--------|
| 1450 | 518.0 | [R] | TFA     | Saudanes                | ISL | Iceland     | \$01R | 66° 11' N | 18° 57' W  | IP06me | 450 | I   | EE | active |
| 1450 | 518.0 | [R] | CTV-251 | Penalva (CENCOMAR)      | POR | Portugal    | \$02R | 38° 36' N | 09° 02' W  | IM58lo | 530 | II  | EE | active |
| 1450 | 518.0 | [R] | UBJ     | Baku (Chilov)           | AZE | Azerbaijan  | \$03R | 40° 19' N | 50° 36' E  | LN50hh | 200 | III | EE | active |
| 1450 | 518.0 | [R] | ICH     | La Maddalena            | SAR | Sardinia    | \$03R | 41° 13' N | 09° 23' E  | JN41qf | 320 | III | EE | active |
| 1450 | 518.0 | [R] | NMR     | Isabella - San Juan, PR | PTR | Puerto Rico | \$04R | 18° 28' N | 67° 04' W  | FK68ll | 200 | IV  | EE | active |
| 1450 | 518.0 | [R] | L2B     | Buenos Aires            | ARG | Argentina   | \$06R | 34° 36' S | 58° 22' W  | GF05tj | 560 | VI  | EE | active |
| 1450 | 518.0 | [R] | XSZ     | Dalian                  | CHN | China       | \$11R | 38° 51' N | 121° 31' E | PM08su | 250 | XI  | EE | active |
| 1450 | 518.0 | [R] |         | Davao                   | PHL | Philippines | \$11R | 07° 04' N | 125° 36' E | PJ27tb | 320 | XI  | EE | active |

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|------|-------|-----|-------|-------------------|-----|----------|-------|-----------|------------|--------|---------|------|-------|---------|
| 1500 | 518.0 | [S] | DDH51 | Pinneberg         | DEU | Germany  | \$01S | 53° 43' N | 09° 55' E  | JO43wr | 250-400 | I    | EE    | active  |
| 1500 | 518.0 | [S] | DWT   | Lagos             | NIG | Nigeria  | \$02S | 06° 26' N | 03° 18' E  | JJ16pk | 200-260 | II   | EE    | planned |
| 1500 | 518.0 | [S] |       | Balasore (Orissa) | IND | India    | \$08S | 21° 29' N | 86° 55' E  | NL31ll | 250     | VIII | EE    | active  |
| 1500 | 518.0 | [S] | 9WH21 | Sandakan          | MLA | Malaysia | \$11S | 05° 54' N | 118° 00' E | OJ95av | 350     | XI   | EE    | active  |
| 1500 | 518.0 | [S] | XSV   | Tianjin           | CHN | China    | \$11S | 39° 02' N | 117° 26' E | OM89ra | 250     | XI   | EE    | active  |
| 1500 | 518.0 | [S] | OB2   | Paita             | PRU | Peru     | \$16S | 05° 06' S | 81° 07' W  | EI94kv | 400     | XVI  | EE/SS | active  |

|      |       |     |       |                                |     |            |       |           |            |        |     |      |    |           |
|------|-------|-----|-------|--------------------------------|-----|------------|-------|-----------|------------|--------|-----|------|----|-----------|
| 1510 | 518.0 | [T] | OST   | Oostende                       | BEL | Belgium    | \$01T | 51° 11' N | 02° 48' E  | JO11je | 110 | I    | EE | active    |
| 1510 | 518.0 | [T] | 3VL   | Kelibia (broadcasts via Malta) | TUN | Tunisia    | \$03T | 36° 48' N | 11° 02' E  | JM56mt | 270 | III  | EE | via Malta |
| 1510 | 518.0 | [T] | S7Q   | Mahé                           | SEY | Seychelles | \$08T | 04° 39' S | 55° 28' E  | LI75ri | 250 | VIII | EE | active    |
| 1510 | 518.0 | [T] | 9WW21 | Miri (Sarawak)                 | MLA | Malaysia   | \$11T | 04° 26' N | 114° 01' E | OJ74ak | 350 | XI   | EE | active    |
| 1510 | 518.0 | [T] | VFF   | Iqaluit CG, NU (May-Dec only)  | CAN | Canada     | \$18T | 63° 44' N | 68° 33' W  | FP53rr | 150 | IV   | EE | active    |

|      |       |     |       |                   |     |              |       |           |            |        |     |     |       |          |
|------|-------|-----|-------|-------------------|-----|--------------|-------|-----------|------------|--------|-----|-----|-------|----------|
| 1520 | 518.0 | [U] | D4A   | São Vicente Radio | CPV | Cape Verde   | \$02U | 16° 51' N | 25° 00' W  | HK76mu | 250 | II  | EE    | active   |
| 1520 | 518.0 | [U] | IQM   | Mondolfo          | ITA | Italy        | \$03U | 43° 44' N | 13° 08' E  | JN63ns | 320 | III | EE    | active   |
| 1520 | 518.0 | [U] | VAR-9 | Chebogue, NB      | CAN | Canada       | \$04U | 45° 14' N | 65° 59' W  | FN63ws | 300 | IV  | EE    | active   |
| 1520 | 518.0 | [U] |       | Cape Columbine    | AFS | South Africa | \$07U | 32° 49' S | 17° 51' E  | JF87we | 300 | VII | EE    | active   |
| 1520 | 518.0 | [U] | 9MG   | Penang            | MLA | Malaysia     | \$11U | 05° 25' N | 100° 24' E | OJ05ek | 350 | XI  | EE    | active   |
| 1520 | 518.0 | [U] | OBC3  | Callao            | PRU | Peru         | \$16U | 12° 04' S | 77° 09' W  | FH17kw | 400 | XVI | EE/SS | inactive |

|      |       |     |     |                         |     |             |       |           |            |        |     |      |    |        |
|------|-------|-----|-----|-------------------------|-----|-------------|-------|-----------|------------|--------|-----|------|----|--------|
| 1530 | 518.0 | [V] | OST | Oostende (Thames)       | BEL | Belgium     | \$01U | 51° 11' N | 02° 48' E  | JO11je | 150 | I    | EE | active |
| 1530 | 518.0 | [V] | ICI | Sellia Marina           | ITA | Italy       | \$03V | 38° 52' N | 16° 43' E  | JM88iu | 320 | III  | EE | active |
| 1530 | 518.0 | [V] | VWP | Keating Point (Andaman) | IND | India       | \$08V | 09° 15' N | 92° 46' E  | NJ69jg | 250 | VIII | EE | active |
| 1530 | 518.0 | [V] | SUK | Kosseir (Al Qusayr)     | EGY | Egypt       | \$09V | 26° 06' N | 34° 17' E  | KL76dc | 350 | IX   | EE | active |
| 1530 | 518.0 | [V] | HL  | Chukpyon                | KOR | South Korea | \$11V | 37° 03' N | 129° 26' E | PM47rb | 200 | XI   | EE | active |
| 1530 | 518.0 | [V] | NRV | Guam                    | GUM | Guam        | \$11V | 13° 29' N | 144° 50' E | QK23kl | 100 | XI   | EE | active |

|      |       |     |     |                      |     |                  |       |           |            |        |     |     |       |        |
|------|-------|-----|-----|----------------------|-----|------------------|-------|-----------|------------|--------|-----|-----|-------|--------|
| 1540 | 518.0 | [W] | EJK | Valentia Coast Guard | IRL | Ireland          | \$01W | 51° 56' N | 10° 21' W  | IO41tw | 400 | I   | EE    | active |
| 1540 | 518.0 | [W] | UJB | Astrakhan            | RUS | Russia (Caspian) | \$03W | 45° 47' N | 47° 33' E  | LN35ss | 250 | III | EE    | active |
| 1540 | 518.0 | [W] | FRL | CROSS La Garde       | FRA | France           | \$03W | 43° 06' N | 05° 59' E  | JN23xc | 250 | III | EE    | active |
| 1540 | 518.0 | [W] | OXI | Nuuk (Kook Island)   | GRL | Greenland        | \$04W | 64° 04' N | 52° 02' W  | GP34xb | 400 | IV  | EE    | active |
| 1540 | 518.0 | [W] | HL  | Pyonsan (Byeonsan)   | KOR | South Korea      | \$11W | 35° 36' N | 126° 29' E | PM35fo | 200 | XI  | EE    | active |
| 1540 | 518.0 | [W] | NMW | Astoria, OR          | USA | United States    | \$12W | 46° 12' N | 123° 57' W | CN86ae | 216 | XII | EE    | active |
| 1540 | 518.0 | [W] | OB4 | Mollendo             | PRU | Peru             | \$16W | 12° 04' S | 77° 09' W  | FH33xa | 400 | XVI | EE/SS | active |

|      |       |     |     |                           |     |         |       |           |            |        |     |     |    |          |
|------|-------|-----|-----|---------------------------|-----|---------|-------|-----------|------------|--------|-----|-----|----|----------|
| 1550 | 518.0 | [X] | TFA | Grindavik                 | ISL | Iceland | \$01X | 63° 47' N | 22° 31' W  | HP83rs | 450 | I   | EE | active   |
| 1550 | 518.0 | [X] | EAV | Valencia (Cabo de la Nao) | ESP | Spain   | \$03X | 38° 43' N | 00° 11' E  | JM08cr | 300 | III | EE | active   |
| 1550 | 518.0 | [X] | VOK | Cartwright, NL            | CAN | Canada  | \$04X | 53° 42' N | 57° 01' W  | GO13lq | 300 | IV  | EE | inactive |
| 1550 | 518.0 | [X] | SUZ | Ismailia (al Ismailiyah)  | EGY | Egypt   | \$09X | 30° 35' N | 32° 17' E  | KM60el | 400 | IX  | EE | active   |
| 1550 | 518.0 | [X] | XVS | Ho Chi Minh               | VTN | Vietnam | \$11X | 10° 47' N | 106° 40' E | OK30nj | 400 | XI  | EE | active   |

|      |       |     |     |                          |     |         |       |           |            |        |     |     |    |        |
|------|-------|-----|-----|--------------------------|-----|---------|-------|-----------|------------|--------|-----|-----|----|--------|
| 1550 | 518.0 | [X] | NOJ | Kodiak (west of)         | ALS | Alaska  | \$12X | 57° 46' N | 152° 34' W | BO37rs | 200 | XII | EE | active |
| 1550 | 518.0 | [X] | SUZ | Ismailia (al Ismailiyah) | EGY | Egypt   | \$09X | 30° 35' N | 32° 17' E  | KM60el | 400 | IX  | EE | active |
| 1550 | 518.0 | [X] | XVS | Ho Chi Minh              | VTN | Vietnam | \$11X | 10° 47' N | 106° 40' E | OK30nj | 400 | XI  | EE | active |
| 1550 | 518.0 | [X] | NOJ | Kodiak (west of)         | ALS | Alaska  | \$12X | 57° 46' N | 152° 34' W | BO37rs | 200 | XII | EE | active |

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|------|-------|-----|-------|--------------|-----|---------------|-------|-----------|------------|--------|-----|------|----|----------|
| 1600 | 518.0 | [A] | FRC   | CROSS Corsen | FRA | France        | \$01A | 48° 24' N | 05° 03' W  | IN78II | 300 | I/II | EE | active   |
| 1600 | 518.0 | [A] | UFN   | Novorossiysk | RUS | Russia        | \$03A | 44° 36' N | 37° 58' E  | KN84xo | 300 | III  | EE | active   |
| 1600 | 518.0 | [A] | NMA   | Miami, FL    | USA | United States | \$04A | 25° 30' N | 80° 23' W  | EL95to | 240 | IV   | EE | active   |
| 1600 | 518.0 | [A] | CWM27 | La Paloma    | URG | Uruguay       | \$06A | 34° 40' S | 54° 09' W  | GF25wi | 280 | VI   | EE | inactive |
| 1600 | 518.0 | [A] | EQM   | Bushehr      | IRN | Iran          | \$09A | 28° 58' N | 50° 50' E  | LL58kx | 300 | XI   | EE | active   |
| 1600 | 518.0 | [A] | PNK   | Jayapura     | INS | Indonesia     | \$11A | 02° 31' S | 140° 43' E | QI07il | 300 | XI   | EE | active   |
| 1600 | 518.0 | [A] | UIK   | Vladivostok  | RSE | Russia        | \$13A | 43° 23' N | 131° 54' E | PN53wj | 280 | XIII | EE | active   |
| 1600 | 518.0 | [A] | CBA   | Antofagasta  | CHL | Chile         | \$15A | 23° 30' S | 70° 25' W  | FG46sm | 400 | XV   | EE | active   |
| 1600 | 518.0 | [A] | LGS   | Svalbard     | SVB | Svalbard      | \$19A | 78° 02' N | 13° 40' E  | JQ68ta | 450 | XIX  | EE | active   |

|      |       |     |     |                          |     |           |       |           |            |        |     |      |    |          |
|------|-------|-----|-----|--------------------------|-----|-----------|-------|-----------|------------|--------|-----|------|----|----------|
| 1610 | 518.0 | [B] | 7TA | Ain Taya Radio           | ALG | Algeria   | \$03B | 36° 48' N | 03° 15' E  | JM16pp | 200 | III  | EE | active   |
| 1610 | 518.0 | [B] | ZBR | Bermuda Harbour          | BER | Bermuda   | \$04B | 32° 21' N | 64° 39' W  | FM72qi | 280 | IV   | EE | active   |
| 1610 | 518.0 | [B] | A9M | Hamala                   | BHR | Bahrain   | \$09B | 26° 09' N | 50° 28' E  | LL56fd | 300 | IX   | EE | active   |
| 1610 | 518.0 | [B] | V5W | Walvis Bay               | NMB | Namibia   | \$07B | 23° 03' S | 14° 37' E  | JG76hw | 380 | VII  | EE | inactive |
| 1610 | 518.0 | [B] | PKE | Ambon                    | INS | Indonesia | \$11B | 03° 42' S | 128° 12' E | PI46ch | 300 | XI   | EE | active   |
| 1610 | 518.0 | [B] | UFO | Kholmsk                  | RSE | Russia    | \$13B | 47° 02' N | 142° 03' E | QN17aa | 300 | XIII | EE | active   |
| 1610 | 518.0 | [B] | CBV | Valparaíso (Playa Ancha) | CHL | Chile     | \$15B | 33° 05' S | 71° 37' W  | FF46ev | 300 | XV   | EE | active   |
| 1610 | 518.0 | [B] | LGP | Bodø                     | NOR | Norway    | \$19B | 67° 16' N | 14° 23' E  | JP77eg | 450 | XIX  | EE | active   |

|      |       |     |      |                             |     |               |       |           |            |        |     |      |    |          |
|------|-------|-----|------|-----------------------------|-----|---------------|-------|-----------|------------|--------|-----|------|----|----------|
| 1620 | 518.0 | [C] | 6VA  | Dakar                       | SEN | Senegal       | \$03C | 14° 46' N | 17° 20' W  | IK14hs | 250 | II   | EE | inactive |
| 1620 | 518.0 | [C] | UTT  | Odesa                       | UKR | Ukraine       | \$03C | 46° 29' N | 30° 44' E  | KN56il | 250 | III  | EE | active   |
| 1620 | 518.0 | [C] | HJW  | Santa Marta                 | CLM | Colombia      | \$04C | 11° 03' N | 74° 13' W  | FK21vb | 300 | IV   | EE | active   |
| 1620 | 518.0 | [C] | VCK  | Moise CG, QC                | CAN | Canada        | \$04C | 50° 11' N | 66° 07' W  | FO60we | 300 | IV   | EE | active   |
| 1620 | 518.0 | [C] | ZSC  | Cape Town                   | AFS | South Africa  | \$07C | 33° 41' S | 18° 43' E  | JF96ih | 500 | VII  | EE | active   |
| 1620 | 518.0 | [C] | 3BM  | Mauritius Radio (Cassis)    | MAU | Mauritius     | \$08C | 20° 10' S | 57° 28' E  | LG89rt | 400 | VIII | EE | active   |
| 1620 | 518.0 | [C] | 9VG  | Singapore                   | SNG | Singapore     | \$11C | 01° 20' N | 103° 42' E | OJ11uh | 400 | XI   | EE | active   |
| 1620 | 518.0 | [C] | NMC  | San Francisco (Point Reyes) | USA | United States | \$12C | 37° 55' N | 122° 43' W | CM87pv | 350 | XII  | EE | active   |
| 1620 | 518.0 | [C] | UBA2 | Petropavlovsk               | RSE | Russia        | \$13C | 53° 15' N | 158° 25' E | QO93eg | 280 | XIII | EE | active   |
| 1620 | 518.0 | [C] | CBT  | Talcahuano                  | CHL | Chile         | \$15C | 36° 41' S | 73° 07' W  | FF33kh | 400 | XV   | EE | active   |
| 1620 | 518.0 | [C] | LGV  | Vardø Radio                 | NOR | Norway        | \$19C | 70° 22' N | 31° 06' E  | KQ50ni | 450 | XIX  | EE | active   |

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|------|-------|-----|-----|-----------------------------------|-----|-------------|-------|-----------|------------|--------|-----|------|----|--------|
| 1630 | 518.0 | [D] | OXJ | Tórshavn                          | FRO | Faroes      | \$01D | 62° 01' N | 06° 48' W  | IP62oa | 250 | I    | EE | active |
| 1630 | 518.0 | [D] | EAR | Coruna                            | ESP | Spain       | \$02D | 43° 22' N | 08° 27' W  | IN53si | 400 | II   | EE | active |
| 1630 | 518.0 | [D] | TAH | Istanbul                          | TUR | Turkey      | \$03D | 41° 04' N | 28° 57' E  | KN41lb | 300 | III  | EE | active |
| 1630 | 518.0 | [D] | PKF | Makassar                          | INS | Indonesia   | \$11D | 05° 06' S | 119° 26' E | QI94rv | 300 | XI   | EE | active |
| 1630 | 518.0 | [D] | HMZ | Pyongyang                         | KRE | North Korea | \$12D | 38° 55' N | 125° 43' E | PM28uv | 200 | XI   | EE | active |
| 1630 | 518.0 | [D] | VAJ | Digby Island (Prince Rupert MCTS) | CAN | Canada      | \$12D | 54° 18' N | 130° 25' W | CO44th | 300 | XII  | EE | active |
| 1630 | 518.0 | [D] | UIB | Magadan                           | RSE | Russia      | \$13D | 59° 41' N | 150° 09' E | QO59bg | 120 | XIII | EE | active |
| 1630 | 518.0 | [D] | CBP | Puerto Montt                      | CHL | Chile       | \$15D | 41° 29' S | 72° 57' W  | FE38mm | 400 | XV   | EE | active |

|      |       |     |     |                           |     |               |       |           |            |        |     |     |    |        |
|------|-------|-----|-----|---------------------------|-----|---------------|-------|-----------|------------|--------|-----|-----|----|--------|
| 1640 | 518.0 | [E] | GNI | Niton                     | ENG | England       | \$01E | 50° 35' N | 01° 15' W  | IO90jo | 270 | I   | EE | active |
| 1640 | 518.0 | [E] | TAF | Samsun                    | TUR | Turkey        | \$03E | 41° 17' N | 36° 20' E  | KN81eg | 300 | III | EE | active |
| 1640 | 518.0 | [E] | NMB | Charleston, SC            | USA | United States | \$04E | 32° 08' N | 79° 57' W  | FM02ad | 200 | IV  | EE | active |
| 1640 | 518.0 | [E] | PKX | Jakarta                   | INS | Indonesia     | \$11E | 06° 07' S | 106° 52' E | OI33kv | 300 | XI  | EE | active |
| 1640 | 518.0 | [E] | HMH | Hamhung                   | KRE | North Korea   | \$12E | 39° 50' N | 127° 41' E | PM39uu | 200 | XI  | EE | active |
| 1640 | 518.0 | [E] | CBM | Punta Arenas (Magallenes) | CHL | Chile         | \$15E | 53° 10' S | 70° 54' W  | FD46nu | 400 | XV  | EE | active |

|      |       |     |      |                             |     |               |       |           |            |        |     |     |    |          |
|------|-------|-----|------|-----------------------------|-----|---------------|-------|-----------|------------|--------|-----|-----|----|----------|
| 1640 | 518.0 | [E] | UCT2 | Beringovskiy                | RSE | Russia        | \$21E | 63° 03' N | 179° 20' E | RP93qb | 250 | XXI | EE | planned  |
| 1650 | 518.0 | [F] | ESA  | Tallinn                     | EST | Estonia       | \$01F | 59° 30' N | 24° 30' E  | KO29gm | 300 | I   | EE | active   |
| 1650 | 518.0 | [F] | CTH  | Sao Miguel (CENCOMARACORES) | AZR | Azores        | \$02F | 37° 48' N | 25° 33' W  | HM77ft | 300 | II  | EE | active   |
| 1650 | 518.0 | [F] | TAL  | Antalya                     | TUR | Turkey        | \$03F | 36° 53' N | 30° 42' E  | KM56lv | 300 | III | EE | active   |
| 1650 | 518.0 | [F] | NMF  | Boston, MA                  | USA | United States | \$04F | 41° 43' N | 70° 31' W  | FN41sr | 200 | IV  | EE | active   |
| 1650 | 518.0 | [F] | EQI  | Bandar-e-Shahid Rajai       | IRN | Iran          | \$09F | 27° 08' N | 57° 04' E  | LL87ac | 300 | IX  | EE | active   |
| 1650 | 518.0 | [F] | HAS  | Bangkok (Nonthaburi)        | THA | Thailand      | \$11F | 13° 01' N | 100° 01' E | OK03aa | 200 | XI  | EE | active   |
| 1650 | 518.0 | [F] | CBY  | Isla de Pascua              | PAQ | Easter Island | \$15F | 27° 09' S | 109° 25' W | DG52gu | 300 | XV  | EE | inactive |
| 1650 | 518.0 | [F] | UCZ  | Provideniya                 | RSE | Russia        | \$21F | 64° 40' N | 173° 10' E | RP64nq | 250 | XXI | EE | planned  |

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|------|-------|-----|------|-----------------|-----|---------------|-------|-----------|------------|--------|-----|------|----|----------|
| 1700 | 518.0 | [G] | GCC  | Cullercoats     | ENG | England       | \$01G | 55° 04' N | 01° 28' W  | IO95gb | 270 | I    | EE | active   |
| 1700 | 518.0 | [G] | EAC  | Tarifa          | ESP | Spain         | \$02G | 36° 02' N | 05° 33' W  | IM76fa | 400 | II   | EE | active   |
| 1700 | 518.0 | [G] | UKW  | Berdiansk       | UKR | Ukraine       | \$03G | 45° 23' N | 36° 28' E  | KN86jp | 250 | III  | EE | active   |
| 1700 | 518.0 | [G] | NMG  | New Orleans, LA | USA | United States | \$04G | 29° 53' N | 89° 55' W  | EL59av | 200 | IV   | EE | active   |
| 1700 | 518.0 | [G] | L6I  | Rosairo         | ARG | Argentina     | \$06G | 32° 57' S | 60° 40' W  | FF97qb | 280 | VI   | EE | inactive |
| 1700 | 518.0 | [G] | HZG  | Dammam          | ARS | Saudi Arabia  | \$09G | 26° 26' N | 50° 06' E  | LL56bk | 390 | IX   | EE | inactive |
| 1700 | 518.0 | [G] | JNB  | Naha            | JPN | Japan         | \$11G | 26° 09' N | 127° 46' E | PL36vd | 400 | XI   | EE | active   |
| 1700 | 518.0 | [G] | UCV2 | Okhotsk         | RSE | Russia        | \$13G | 59° 22' N | 143° 12' E | QO19oi | 300 | XIII | EE | active   |

|      |       |     |        |                                       |     |                      |       |           |            |        |         |      |    |          |
|------|-------|-----|--------|---------------------------------------|-----|----------------------|-------|-----------|------------|--------|---------|------|----|----------|
| 1710 | 518.0 | [H] | SDJ    | Bjuröklubb                            | SWE | Sweden               | \$01H | 64° 28' N | 21° 36' E  | KP04tl | 300     | I    | EE | active   |
| 1710 | 518.0 | [H] | SVH    | Irákleio (Crete)                      | GRC | Greece               | \$02H | 35° 19' N | 25° 45' E  | KM25vh | 280-400 | III  | EE | active   |
| 1710 | 518.0 | [H] | JPC    | Curacao                               | ATN | Netherlands Antilles | \$03H | 12° 10' N | 68° 52' W  | FK52ne | 250     | IV   | EE | active   |
| 1710 | 518.0 | [H] | XMJ329 | Ferndale CG, ON (VBR)                 | CAN | Canada               | \$04H | 45° 42' N | 75° 31' W  | FN25fq | 300     | IV   | EE | active   |
| 1710 | 518.0 | [H] |        | Veraval (Gujarat)                     | IND | India                | \$08H | 20° 54' N | 70° 23' E  | ML50ev | 250     | VIII | EE | active   |
| 1710 | 518.0 | [H] | HZH    | Jeddah                                | ARS | Saudi Arabia         | \$09H | 21° 23' N | 39° 11' E  | KL91oj | 390     | IX   | EE | inactive |
| 1710 | 518.0 | [H] | JNR    | Moji                                  | JPN | Japan                | \$11H | 33° 52' N | 130° 36' E | PM53hu | 400     | XI   | EE | active   |
| 1710 | 518.0 | [H] | XLK835 | Amphritite Point (Prince Rupert MCTS) | CAN | Canada               | \$12H | 48° 56' N | 125° 32' W | CN78fw | 300     | XII  | EE | active   |

|      |       |     |     |                 |     |              |       |           |            |        |     |       |    |          |
|------|-------|-----|-----|-----------------|-----|--------------|-------|-----------|------------|--------|-----|-------|----|----------|
| 1720 | 518.0 | [I] | SDJ | Grimeton        | SWE | Sweden       | \$01I | 57° 06' N | 12° 23' E  | JO67ec | 300 | I     | EE | active   |
| 1720 | 518.0 | [I] | EAL | Las Palmas      | CNR | Canary Isles | \$02I | 28° 26' N | 16° 20' W  | IL18tk | 400 | II    | EE | active   |
| 1720 | 518.0 | [I] | TAN | Izmir           | TUR | Turkey       | \$03I | 38° 17' N | 26° 16' E  | KM38dg | 300 | III   | EE | active   |
| 1720 | 518.0 | [I] | ZSQ | Port Elizabeth  | AFS | South Africa | \$07I | 34° 02' S | 25° 33' E  | KF25sx | 500 | VII   | EE | active   |
| 1720 | 518.0 | [I] | DVS | Puerto Princesa | PHL | Philippines  | \$11I | 09° 44' N | 121° 03' E | OJ99ir | 320 | XI    | EE | active   |
| 1720 | 518.0 | [I] | JGC | Yokohama        | JPN | Japan        | \$11I | 35° 14' N | 139° 55' E | PM95wf | 400 | XI    | EE | active   |
| 1720 | 518.0 | [I] | OYN | Upernavik       | GRL | Greenland    | \$17I | 72° 47' N | 56° 12' W  | GQ12vs | 300 | XVIII | EE | on trial |

|      |       |     |     |                        |     |             |       |           |            |        |     |      |    |        |
|------|-------|-----|-----|------------------------|-----|-------------|-------|-----------|------------|--------|-----|------|----|--------|
| 1730 | 518.0 | [J] | SDJ | Gislövshammar          | SWE | Sweden      | \$01J | 55° 29' N | 14° 19' E  | JO75dl | 300 | I    | EE | active |
| 1730 | 518.0 | [J] | LZW | Varna                  | BUL | Bulgaria    | \$03J | 43° 04' N | 27° 46' E  | KN33vb | 350 | III  | EE | active |
| 1730 | 518.0 | [J] | VUU | Vengrula (Maharashtra) | IND | India       | \$08J | 15° 51' N | 73° 37' E  | MK65tu | 250 | VIII | EE | active |
| 1730 | 518.0 | [J] | DZS | Manila                 | PHL | Philippines | \$11J | 14° 30' N | 121° 04' E | PK04mm | 320 | XI   | EE | active |
| 1730 | 518.0 | [J] | JNL | Otaru                  | JPN | Japan       | \$11J | 43° 12' N | 141° 00' E | QN03me | 400 | XI   | EE | active |
| 1730 | 518.0 | [J] | NOJ | Kodiak (east of)       | ALS | Alaska      | \$12J | 57° 46' N | 152° 34' W | BO37rs | 200 | XII  | EE | active |

|      |       |     |     |                  |     |         |       |           |            |        |     |     |    |        |
|------|-------|-----|-----|------------------|-----|---------|-------|-----------|------------|--------|-----|-----|----|--------|
| 1740 | 518.0 | [K] | GNI | Niton (N.France) | ENG | England | \$01K | 50° 35' N | 01° 15' W  | IO93jo | 270 | I   | EE | active |
| 1740 | 518.0 | [K] | SVK | Kerkyra          | GRC | Greece  | \$03K | 39° 36' N | 19° 53' E  | JM99wo | 400 | III | EE | active |
| 1740 | 518.0 | [K] | XVT | Da Nang          | VTN | Vietnam | \$11K | 16° 03' N | 108° 12' E | OK46cb | 400 | XI  | EE | active |
| 1740 | 518.0 | [K] | JNX | Kushiro          | JPN | Japan   | \$11K | 42° 59' N | 144° 23' E | QN22ex | 400 | XI  | EE | active |
| 1740 | 518.0 | [K] | UHS | Murmansk         | RUS | Russia  | \$20K | 68° 46' N | 32° 58' E  | KP68ls | 140 | XX  | EE | active |

|      |       |     |     |                           |     |           |       |           |            |        |         |      |    |        |
|------|-------|-----|-----|---------------------------|-----|-----------|-------|-----------|------------|--------|---------|------|----|--------|
| 1750 | 518.0 | [L] | LGQ | Rogaland                  | NOR | Norway    | \$01L | 58° 39' N | 05° 36' E  | JO28tp | 450     | I    | EE | active |
| 1750 | 518.0 | [L] | SVL | Limnos                    | GRC | Greece    | \$03L | 39° 54' N | 25° 11' E  | KM29ov | 400     | III  | EE | active |
| 1750 | 518.0 | [L] |     | Muttam Point (Tamil Nadu) | IND | India     | \$08L | 08° 07' N | 77° 19' E  | MJ88pc | 250     | VIII | EE | active |
| 1750 | 518.0 | [L] | VRX | Hong Kong                 | CHN | China     | \$11L | 22° 13' N | 114° 15' E | OL72df | 250     | XI   | EE | active |
| 1750 | 518.0 | [L] | HCY | Ayora                     | GAL | Galapagos | \$12L | 00° 45' S | 90° 19' W  | EI49ug | 250-400 | XII  | EE | active |
| 1750 | 518.0 | [L] | UGE | Arkhangelsk               | RUS | Russia    | \$20L | 64° 51' N | 40° 17' E  | LP04du | 280     | XX   | EE | active |

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|------|-------|-----|-----|-----------------|-----|-----------|-------|-----------|------------|--------|-----|-----|----|----------|
| 1800 | 518.0 | [M] | LGT | Jeloya          | NOR | Norway    | \$01M | 59° 26' N | 10° 35' E  | JO59hk | 450 | I   | EE | active   |
| 1800 | 518.0 | [M] | CNP | Casablanca      | MRC | Morocco   | \$02M | 33° 36' N | 07° 38' W  | IM63eo | 180 | II  | EE | planned  |
| 1800 | 518.0 | [M] | 5BA | Cyprus          | CYP | Cyprus    | \$03M | 35° 02' N | 33° 17' E  | KM65pb | 220 | III | EE | active   |
| 1800 | 518.0 | [M] | OXF | Simiutaq        | GRL | Greenland | \$04M | 60° 61' N | 64° 35' W  | GP60qq | 300 | IV  | EE | on trial |
| 1800 | 518.0 | [M] | L3K | Ushuaia         | ARG | Argentina | \$06M | 54° 48' S | 68° 18' W  | FD55ue | 280 | VI  | EE | active   |
| 1800 | 518.0 | [M] | A4M | Wattayah/Muscat | OMA | Oman      | \$09M | 23° 36' N | 58° 30' E  | LL93go | 270 | IX  | EE | active   |
| 1800 | 518.0 | [M] | XSI | Sanya           | CHN | China     | \$11M | 18° 17' N | 109° 21' E | OK48qq | 250 | XI  | EE | active   |
| 1800 | 518.0 | [M] | HCG | Guayaquil       | EQA | Equador   | \$12M | 02° 16' S | 79° 62' W  | FI07br |     | XII | EE | active   |
| 1800 | 518.0 | [M] |     | Sabetta         | RSE | Russia    | \$20M | 71° 17' N | 72° 01' E  | MQ61ag | 250 | XX  | EE | testing  |

|      |       |     |     |                              |     |               |       |           |            |        |     |     |    |         |
|------|-------|-----|-----|------------------------------|-----|---------------|-------|-----------|------------|--------|-----|-----|----|---------|
| 1810 | 518.0 | [N] | LFO | Orlandet Radio (Grande site) | NOR | Norway        | \$01N | 63° 40' N | 09° 33' E  | JP43sp | 450 | I   | EE | active  |
| 1810 | 518.0 | [N] | SUH | Alexandria                   | EGY | Egypt         | \$03N | 31° 12' N | 29° 52' E  | KM41we | 350 | III | EE | active  |
| 1810 | 518.0 | [N] | NMN | Portsmouth, VA               | USA | United States | \$04N | 36° 44' N | 76° 01' W  | FM26ar | 280 | IV  | EE | active  |
| 1810 | 518.0 | [N] | L3D | Rio Gallegos                 | ARG | Argentina     | \$06N | 51° 37' S | 69° 13' W  | FD58jj | 280 | VI  | EE | active  |
| 1810 | 518.0 | [N] | XSQ | Guangzhou                    | CHN | China         | \$11N | 23° 09' N | 113° 29' E | OL63sd | 250 | XI  | EE | active  |
| 1810 | 518.0 | [N] |     | Mys Sterlegova               | RSE | Russia        | \$20N | 75° 24' N | 88° 46' E  | NQ45jj | 300 | XX  | EE | planned |

|      |       |     |     |                         |     |              |       |           |            |        |     |      |    |        |
|------|-------|-----|-----|-------------------------|-----|--------------|-------|-----------|------------|--------|-----|------|----|--------|
| 1820 | 518.0 | [O] | GPK | Portpatrick             | SCT | Scotland     | \$01O | 54° 51' N | 05° 07' W  | IO74ku | 270 | I    | EE | active |
| 1820 | 518.0 | [O] | 9HD | Malta                   | MLT | Malta        | \$03O | 35° 51' N | 14° 29' E  | JM75fu | 400 | III  | EE | active |
| 1820 | 518.0 | [O] | VON | Robin Hood Bay          | CAN | Canada       | \$04O | 47° 37' N | 52° 40' W  | GN37qo | 300 | IV   | EE | active |
| 1820 | 518.0 | [O] | L2W | Comodoro Rivadavia      | ARG | Argentina    | \$06O | 45° 51' S | 67° 25' W  | FE64gd | 280 | VI   | EE | active |
| 1820 | 518.0 | [O] | ZSD | Durban                  | AFS | South Africa | \$07O | 29° 48' S | 30° 49' E  | KG50je | 250 | VII  | EE | active |
| 1820 | 518.0 | [O] |     | Porto Novo (Tamil Nadu) | IND | India        | \$08O | 11° 30' N | 79° 46' E  | MK91vm | 250 | VIII | EE | active |
| 1820 | 518.0 | [O] | XSL | Fuzhou                  | CHN | China        | \$11O | 26° 02' N | 119° 18' E | OL96ra | 250 | XI   | EE | active |
| 1820 | 518.0 | [O] |     | Buenaventura            | CLM | Colombia     | \$04O | 03° 54' N | 77° 03' W  | FJ13lv | 300 | XII  | EE | active |
| 1820 | 518.0 | [O] | NMO | Honolulu, HI            | HWA | Hawaii       | \$12O | 21° 22' N | 158° 09' W | BL01wi | 350 | XII  | EE | active |

|      |       |     |        |                              |     |             |       |           |            |        |     |     |    |        |
|------|-------|-----|--------|------------------------------|-----|-------------|-------|-----------|------------|--------|-----|-----|----|--------|
| 1830 | 518.0 | [P] | PBK    | Netherlands Coastguard       | HOL | Netherlands | \$01P | 52° 55' N | 04° 14' E  | JO22cv | 250 | I   | EE | active |
| 1830 | 518.0 | [P] | CTQ    | Porto Santo (CENCOMAMADEIRA) | MDR | Madeira     | \$02P | 33° 06' N | 16° 30' W  | IM13sc | 300 | II  | PP | active |
| 1830 | 518.0 | [P] | 4XO    | Haifa                        | ISR | Israel      | \$03P | 32° 54' N | 35° 07' E  | KM72mt | 200 | III | EE | active |
| 1830 | 518.0 | [P] | XLJ895 | Pass Lake CG (VBA), ON       | CAN | Canada      | \$04P | 48° 26' N | 89° 13' W  | EN58qn | 300 | IV  | EE | active |
| 1830 | 518.0 | [P] | L2I    | Bahia Blanca                 | ARG | Argentina   | \$06P | 38° 43' S | 62° 06' W  | FF81wg | 280 | VI  | EE | active |
| 1830 | 518.0 | [P] | ASK    | Karachi                      | PAK | Pakistan    | \$09P | 24° 51' N | 67° 03' E  | ML34mu | 200 | IX  | EE | active |
| 1830 | 518.0 | [P] |        | Linyuan                      | TWN | Taiwan      | \$11P | 22° 29' N | 120° 25' E | PL02fl | 350 | XI  | EE | active |

|      |       |     |     |                                  |     |               |       |           |            |        |     |      |    |        |
|------|-------|-----|-----|----------------------------------|-----|---------------|-------|-----------|------------|--------|-----|------|----|--------|
| 1840 | 518.0 | [Q] | EJM | Malin Head Coast Guard           | IRL | Ireland       | \$01Q | 55° 22' N | 07° 21' W  | IO65hi | 400 | I    | EE | active |
| 1840 | 518.0 | [Q] | 9AS | Split                            | HRV | Croatia       | \$03Q | 43° 30' N | 16° 29' E  | JN83fm | 150 | III  | EE | active |
| 1840 | 518.0 | [Q] | VCO | Port Caledonia CG, NS            | CAN | Canada        | \$04Q | 46° 11' N | 59° 54' W  | GN06be | 300 | IV   | EE | active |
| 1840 | 518.0 | [Q] | L2P | Mar del Plata                    | ARG | Argentina     | \$06Q | 38° 03' S | 57° 32' W  | GF11fw | 280 | VI   | EE | active |
| 1840 | 518.0 | [Q] |     | Vakalpudi (Andhra Pradesh)       | IND | India         | \$08Q | 17° 00' N | 82° 17' E  | NK17da | 250 | VIII | EE | active |
| 1840 | 518.0 | [Q] | XSG | Shanghai                         | CHN | China         | \$11Q | 31° 07' N | 121° 33' E | PM01sc | 250 | XI   | EE | active |
| 1840 | 518.0 | [Q] | NMQ | Long Beach, CA (Cambria)         | USA | United States | \$12Q | 35° 31' N | 121° 03' W | CM95lm | 350 | XII  | EE | active |
| 1840 | 518.0 | [Q] | UAL | Tiksi (1st July to 30th October) | RSE | Russia        | \$21Q | 71° 38' N | 128° 50' E | PQ41kp | 300 | XXI  | EE | active |

|      |       |     |         |                         |     |             |       |           |            |        |     |     |    |        |
|------|-------|-----|---------|-------------------------|-----|-------------|-------|-----------|------------|--------|-----|-----|----|--------|
| 1850 | 518.0 | [R] | TFA     | Saudanes                | ISL | Iceland     | \$01R | 66° 11' N | 18° 57' W  | IP06me | 450 | I   | EE | active |
| 1850 | 518.0 | [R] | CTV-251 | Penalva (CENCOMAR)      | POR | Portugal    | \$02R | 38° 36' N | 09° 02' W  | IM58lo | 530 | II  | EE | active |
| 1850 | 518.0 | [R] | UBJ     | Baku (Chilov)           | AZE | Azerbaijan  | \$03R | 40° 19' N | 50° 36' E  | LN50hh | 200 | III | EE | active |
| 1850 | 518.0 | [R] | ICH     | La Maddalena            | SAR | Sardinia    | \$03R | 41° 13' N | 09° 23' E  | JN41qf | 320 | III | EE | active |
| 1850 | 518.0 | [R] | NMR     | Isabella - San Juan, PR | PTR | Puerto Rico | \$04R | 18° 28' N | 67° 04' W  | FK68ll | 200 | IV  | EE | active |
| 1850 | 518.0 | [R] | L2B     | Buenos Aires            | ARG | Argentina   | \$06R | 34° 36' S | 58° 22' W  | GF05tj | 560 | VI  | EE | active |
| 1850 | 518.0 | [R] | XSZ     | Dalian                  | CHN | China       | \$11R | 38° 51' N | 121° 31' E | PM08su | 250 | XI  | EE | active |
| 1850 | 518.0 | [R] |         | Davao                   | PHL | Philippines | \$11R | 07° 04' N | 125° 36' E | PJ27tb | 320 | XI  | EE | active |

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|------|-------|-----|-------|-------------------|-----|----------|-------|-----------|------------|--------|---------|------|-------|---------|
| 1900 | 518.0 | [S] | DDH51 | Pinneberg         | DEU | Germany  | \$01S | 53° 43' N | 09° 55' E  | JO43wr | 250-400 | I    | EE    | active  |
| 1900 | 518.0 | [S] | DWT   | Lagos             | NIG | Nigeria  | \$02S | 06° 26' N | 03° 18' E  | JJ16pk | 200-260 | II   | EE    | planned |
| 1900 | 518.0 | [S] |       | Balasore (Orissa) | IND | India    | \$08S | 21° 29' N | 86° 55' E  | NL31ll | 250     | VIII | EE    | active  |
| 1900 | 518.0 | [S] | 9WH21 | Sandakan          | MLA | Malaysia | \$11S | 05° 54' N | 118° 00' E | OJ95av | 350     | XI   | EE    | active  |
| 1900 | 518.0 | [S] | XSV   | Tianjin           | CHN | China    | \$11S | 39° 02' N | 117° 26' E | OM89ra | 250     | XI   | EE    | active  |
| 1900 | 518.0 | [S] | OB2   | Paita             | PRU | Peru     | \$16S | 05° 06' S | 81° 07' W  | EI94kv | 400     | XVI  | EE/SS | active  |

|      |       |     |       |                                |     |            |       |           |            |        |     |      |    |           |
|------|-------|-----|-------|--------------------------------|-----|------------|-------|-----------|------------|--------|-----|------|----|-----------|
| 1910 | 518.0 | [T] | OST   | Oostende                       | BEL | Belgium    | \$01T | 51° 11' N | 02° 48' E  | JO11je | 110 | I    | EE | active    |
| 1910 | 518.0 | [T] | 3VL   | Kelibia (broadcasts via Malta) | TUN | Tunisia    | \$03T | 36° 48' N | 11° 02' E  | JM56mt | 270 | III  | EE | via Malta |
| 1910 | 518.0 | [T] | S7Q   | Mahé                           | SEY | Seychelles | \$08T | 04° 39' S | 55° 28' E  | LI75ri | 250 | VIII | EE | active    |
| 1910 | 518.0 | [T] | 9WW21 | Miri (Sarawak)                 | MLA | Malaysia   | \$11T | 04° 26' N | 114° 01' E | OJ74ak | 350 | XI   | EE | active    |
| 1910 | 518.0 | [T] | VFF   | Iqaluit CG, NU (May-Dec only)  | CAN | Canada     | \$18T | 63° 44' N | 68° 33' W  | FP53rr | 150 | IV   | EE | active    |

|      |       |     |       |                   |     |              |       |           |            |        |     |     |       |          |
|------|-------|-----|-------|-------------------|-----|--------------|-------|-----------|------------|--------|-----|-----|-------|----------|
| 1920 | 518.0 | [U] | D4A   | São Vicente Radio | CPV | Cape Verde   | \$02U | 16° 51' N | 25° 00' W  | HK76mu | 250 | II  | EE    | active   |
| 1920 | 518.0 | [U] | IQM   | Mondolfo          | ITA | Italy        | \$03U | 43° 44' N | 13° 08' E  | JN63ns | 320 | III | EE    | active   |
| 1920 | 518.0 | [U] | VAR-9 | Chebogue, NB      | CAN | Canada       | \$04U | 45° 14' N | 65° 59' W  | FN63ws | 300 | IV  | EE    | active   |
| 1920 | 518.0 | [U] |       | Cape Columbine    | AFS | South Africa | \$07U | 32° 49' S | 17° 51' E  | JF87we | 300 | VII | EE    | active   |
| 1920 | 518.0 | [U] | 9MG   | Penang            | MLA | Malaysia     | \$11U | 05° 25' N | 100° 24' E | OJ05ek | 350 | XI  | EE    | active   |
| 1920 | 518.0 | [U] | OBC3  | Callao            | PRU | Peru         | \$16U | 12° 04' S | 77° 09' W  | FH17kw | 400 | XVI | EE/SS | inactive |

|      |       |     |     |                         |     |             |       |           |            |        |     |      |    |        |
|------|-------|-----|-----|-------------------------|-----|-------------|-------|-----------|------------|--------|-----|------|----|--------|
| 1930 | 518.0 | [V] | OST | Oostende (Thames)       | BEL | Belgium     | \$01U | 51° 11' N | 02° 48' E  | JO11je | 150 | I    | EE | active |
| 1930 | 518.0 | [V] | ICI | Sellia Marina           | ITA | Italy       | \$03V | 38° 52' N | 16° 43' E  | JM88iu | 320 | III  | EE | active |
| 1930 | 518.0 | [V] | VWP | Keating Point (Andaman) | IND | India       | \$08V | 09° 15' N | 92° 46' E  | NJ69jg | 250 | VIII | EE | active |
| 1930 | 518.0 | [V] | SUK | Kosseir (Al Qusayr)     | EGY | Egypt       | \$09V | 26° 06' N | 34° 17' E  | KL76dc | 350 | IX   | EE | active |
| 1930 | 518.0 | [V] | HL  | Chukpyon                | KOR | South Korea | \$11V | 37° 03' N | 129° 26' E | PM47rb | 200 | XI   | EE | active |
| 1930 | 518.0 | [V] | NRV | Guam                    | GUM | Guam        | \$11V | 13° 29' N | 144° 50' E | QK23kl | 100 | XI   | EE | active |

|      |       |     |     |                      |     |                  |       |           |            |        |     |     |       |        |
|------|-------|-----|-----|----------------------|-----|------------------|-------|-----------|------------|--------|-----|-----|-------|--------|
| 1940 | 518.0 | [W] | EJK | Valentia Coast Guard | IRL | Ireland          | \$01W | 51° 56' N | 10° 21' W  | IO41tw | 400 | I   | EE    | active |
| 1940 | 518.0 | [W] | UJB | Astrakhan            | RUS | Russia (Caspian) | \$03W | 45° 47' N | 47° 33' E  | LN35ss | 250 | III | EE    | active |
| 1940 | 518.0 | [W] | FRL | CROSS La Garde       | FRA | France           | \$03W | 43° 06' N | 05° 59' E  | JN23xc | 250 | III | EE    | active |
| 1940 | 518.0 | [W] | OXI | Nuuk (Kook Island)   | GRL | Greenland        | \$04W | 64° 04' N | 52° 02' W  | GP34xb | 400 | IV  | EE    | active |
| 1940 | 518.0 | [W] | HL  | Pyonsan (Byeonsan)   | KOR | South Korea      | \$11W | 35° 36' N | 126° 29' E | PM35fo | 200 | XI  | EE    | active |
| 1940 | 518.0 | [W] | NMW | Astoria, OR          | USA | United States    | \$12W | 46° 12' N | 123° 57' W | CN86ae | 216 | XII | EE    | active |
| 1940 | 518.0 | [W] | OB4 | Mollendo             | PRU | Peru             | \$16W | 12° 04' S | 77° 09' W  | FH33xa | 400 | XVI | EE/SS | active |

|      |       |     |     |                           |     |         |       |           |            |        |     |     |    |          |
|------|-------|-----|-----|---------------------------|-----|---------|-------|-----------|------------|--------|-----|-----|----|----------|
| 1950 | 518.0 | [X] | TFA | Grindavik                 | ISL | Iceland | \$01X | 63° 47' N | 22° 31' W  | HP83rs | 450 | I   | EE | active   |
| 1950 | 518.0 | [X] | EAV | Valencia (Cabo de la Nao) | ESP | Spain   | \$03X | 38° 43' N | 00° 11' E  | JM08cr | 300 | III | EE | active   |
| 1950 | 518.0 | [X] | VOK | Cartwright, NL            | CAN | Canada  | \$04X | 53° 42' N | 57° 01' W  | GO13lq | 300 | IV  | EE | inactive |
| 1950 | 518.0 | [X] | SUZ | Ismailia (al Ismailiyah)  | EGY | Egypt   | \$09X | 30° 35' N | 32° 17' E  | KM60el | 400 | IX  | EE | active   |
| 1950 | 518.0 | [X] | XVS | Ho Chi Minh               | VTN | Vietnam | \$11X | 10° 47' N | 106° 40' E | OK30nj | 400 | XI  | EE | active   |

|      |       |     |     |                          |     |         |       |           |            |        |     |     |    |        |
|------|-------|-----|-----|--------------------------|-----|---------|-------|-----------|------------|--------|-----|-----|----|--------|
| 1950 | 518.0 | [X] | NOJ | Kodiak (west of)         | ALS | Alaska  | \$12X | 57° 46' N | 152° 34' W | BO37rs | 200 | XII | EE | active |
| 1950 | 518.0 | [X] | SUZ | Ismailia (al Ismailiyah) | EGY | Egypt   | \$09X | 30° 35' N | 32° 17' E  | KM60el | 400 | IX  | EE | active |
| 1950 | 518.0 | [X] | XVS | Ho Chi Minh              | VTN | Vietnam | \$11X | 10° 47' N | 106° 40' E | OK30nj | 400 | XI  | EE | active |
| 1950 | 518.0 | [X] | NOJ | Kodiak (west of)         | ALS | Alaska  | \$12X | 57° 46' N | 152° 34' W | BO37rs | 200 | XII | EE | active |

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|------|-------|-----|-------|--------------|-----|---------------|-------|-----------|------------|--------|-----|------|----|----------|
| 2000 | 518.0 | [A] | FRC   | CROSS Corsen | FRA | France        | \$01A | 48° 24' N | 05° 03' W  | IN78II | 300 | I/II | EE | active   |
| 2000 | 518.0 | [A] | UFN   | Novorossiysk | RUS | Russia        | \$03A | 44° 36' N | 37° 58' E  | KN84xo | 300 | III  | EE | active   |
| 2000 | 518.0 | [A] | NMA   | Miami, FL    | USA | United States | \$04A | 25° 30' N | 80° 23' W  | EL95to | 240 | IV   | EE | active   |
| 2000 | 518.0 | [A] | CWM27 | La Paloma    | URG | Uruguay       | \$06A | 34° 40' S | 54° 09' W  | GF25wi | 280 | VI   | EE | inactive |
| 2000 | 518.0 | [A] | EQM   | Bushehr      | IRN | Iran          | \$09A | 28° 58' N | 50° 50' E  | LL58kx | 300 | IX   | EE | active   |
| 2000 | 518.0 | [A] | PNK   | Jayapura     | INS | Indonesia     | \$11A | 02° 31' S | 140° 43' E | QI07il | 300 | XI   | EE | active   |
| 2000 | 518.0 | [A] | UIK   | Vladivostok  | RSE | Russia        | \$13A | 43° 23' N | 131° 54' E | PN53wj | 280 | XIII | EE | active   |
| 2000 | 518.0 | [A] | CBA   | Antofagasta  | CHL | Chile         | \$15A | 23° 30' S | 70° 25' W  | FG46sm | 400 | XV   | EE | active   |
| 2000 | 518.0 | [A] | LGS   | Svalbard     | SVB | Svalbard      | \$19A | 78° 02' N | 13° 40' E  | JQ68ta | 450 | XIX  | EE | active   |

|      |       |     |     |                          |     |           |       |           |            |        |     |      |    |          |
|------|-------|-----|-----|--------------------------|-----|-----------|-------|-----------|------------|--------|-----|------|----|----------|
| 2010 | 518.0 | [B] | 7TA | Ain Taya Radio           | ALG | Algeria   | \$03B | 36° 48' N | 03° 15' E  | JM16pp | 200 | III  | EE | active   |
| 2010 | 518.0 | [B] | ZBR | Bermuda Harbour          | BER | Bermuda   | \$04B | 32° 21' N | 64° 39' W  | FM72qi | 280 | IV   | EE | active   |
| 2010 | 518.0 | [B] | A9M | Hamala                   | BHR | Bahrain   | \$09B | 26° 09' N | 50° 28' E  | LL56fd | 300 | IX   | EE | active   |
| 2010 | 518.0 | [B] | V5W | Walvis Bay               | NMB | Namibia   | \$07B | 23° 03' S | 14° 37' E  | JG76hw | 380 | VII  | EE | inactive |
| 2010 | 518.0 | [B] | PKE | Ambon                    | INS | Indonesia | \$11B | 03° 42' S | 128° 12' E | PI46ch | 300 | XI   | EE | active   |
| 2010 | 518.0 | [B] | UFO | Kholmsk                  | RSE | Russia    | \$13B | 47° 02' N | 142° 03' E | QN17aa | 300 | XIII | EE | active   |
| 2010 | 518.0 | [B] | CBV | Valparaíso (Playa Ancha) | CHL | Chile     | \$15B | 33° 05' S | 71° 37' W  | FF46ev | 300 | XV   | EE | active   |
| 2010 | 518.0 | [B] | LGP | Bodø                     | NOR | Norway    | \$19B | 67° 16' N | 14° 23' E  | JP77eg | 450 | XIX  | EE | active   |

|      |       |     |      |                             |     |               |       |           |            |        |     |      |    |          |
|------|-------|-----|------|-----------------------------|-----|---------------|-------|-----------|------------|--------|-----|------|----|----------|
| 2020 | 518.0 | [C] | 6VA  | Dakar                       | SEN | Senegal       | \$03C | 14° 46' N | 17° 20' W  | IK14hs | 250 | II   | EE | inactive |
| 2020 | 518.0 | [C] | UTT  | Odesa                       | UKR | Ukraine       | \$03C | 46° 29' N | 30° 44' E  | KN56il | 250 | III  | EE | active   |
| 2020 | 518.0 | [C] | HJW  | Santa Marta                 | CLM | Colombia      | \$04C | 11° 03' N | 74° 13' W  | FK21vb | 300 | IV   | EE | active   |
| 2020 | 518.0 | [C] | VCK  | Moise CG, QC                | CAN | Canada        | \$04C | 50° 11' N | 66° 07' W  | FO60we | 300 | IV   | EE | active   |
| 2020 | 518.0 | [C] | ZSC  | Cape Town                   | AFS | South Africa  | \$07C | 33° 41' S | 18° 43' E  | JF96ih | 500 | VII  | EE | active   |
| 2020 | 518.0 | [C] | 3BM  | Mauritius Radio (Cassis)    | MAU | Mauritius     | \$08C | 20° 10' S | 57° 28' E  | LG89rt | 400 | VIII | EE | active   |
| 2020 | 518.0 | [C] | 9VG  | Singapore                   | SNG | Singapore     | \$11C | 01° 20' N | 103° 42' E | OJ11uh | 400 | XI   | EE | active   |
| 2020 | 518.0 | [C] | NMC  | San Francisco (Point Reyes) | USA | United States | \$12C | 37° 55' N | 122° 43' W | CM87pv | 350 | XII  | EE | active   |
| 2020 | 518.0 | [C] | UBA2 | Petropavlovsk               | RSE | Russia        | \$13C | 53° 15' N | 158° 25' E | QO93eg | 280 | XIII | EE | active   |
| 2020 | 518.0 | [C] | CBT  | Talcahuano                  | CHL | Chile         | \$15C | 36° 41' S | 73° 07' W  | FF33kh | 400 | XV   | EE | active   |
| 2020 | 518.0 | [C] | LGV  | Vardø Radio                 | NOR | Norway        | \$19C | 70° 22' N | 31° 06' E  | KQ50ni | 450 | XIX  | EE | active   |

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|------|-------|-----|-----|-----------------------------------|-----|-------------|-------|-----------|------------|--------|-----|------|----|--------|
| 2030 | 518.0 | [D] | OXJ | Tórshavn                          | FRO | Faroes      | \$01D | 62° 01' N | 06° 48' W  | IP62oa | 250 | I    | EE | active |
| 2030 | 518.0 | [D] | EAR | Coruna                            | ESP | Spain       | \$02D | 43° 22' N | 08° 27' W  | IN53si | 400 | II   | EE | active |
| 2030 | 518.0 | [D] | TAH | Istanbul                          | TUR | Turkey      | \$03D | 41° 04' N | 28° 57' E  | KN41lb | 300 | III  | EE | active |
| 2030 | 518.0 | [D] | PKF | Makassar                          | INS | Indonesia   | \$11D | 05° 06' S | 119° 26' E | QI94rv | 300 | XI   | EE | active |
| 2030 | 518.0 | [D] | HMZ | Pyongyang                         | KRE | North Korea | \$12D | 38° 55' N | 125° 43' E | PM28uv | 200 | XI   | EE | active |
| 2030 | 518.0 | [D] | VAJ | Digby Island (Prince Rupert MCTS) | CAN | Canada      | \$12D | 54° 18' N | 130° 25' W | CO44th | 300 | XII  | EE | active |
| 2030 | 518.0 | [D] | UIB | Magadan                           | RSE | Russia      | \$13D | 59° 41' N | 150° 09' E | QO59bg | 120 | XIII | EE | active |
| 2030 | 518.0 | [D] | CBP | Puerto Montt                      | CHL | Chile       | \$15D | 41° 29' S | 72° 57' W  | FE38mm | 400 | XV   | EE | active |

|      |       |     |     |                |     |               |       |           |            |        |     |     |    |        |
|------|-------|-----|-----|----------------|-----|---------------|-------|-----------|------------|--------|-----|-----|----|--------|
| 2040 | 518.0 | [E] | GNI | Niton          | ENG | England       | \$01E | 50° 35' N | 01° 15' W  | IO90jo | 270 | I   | EE | active |
| 2040 | 518.0 | [E] | TAF | Samsun         | TUR | Turkey        | \$03E | 41° 17' N | 36° 20' E  | KN81eg | 300 | III | EE | active |
| 2040 | 518.0 | [E] | NMB | Charleston, SC | USA | United States | \$04E | 32° 08' N | 79° 57' W  | FM02ad | 200 | IV  | EE | active |
| 2040 | 518.0 | [E] | PKX | Jakarta        | INS | Indonesia     | \$11E | 06° 07' S | 106° 52' E | OI33kv | 300 | XI  | EE | active |
| 2040 | 518.0 | [E] | HMH | Hamhung        | KRE | North Korea   | \$12E | 39° 50' N | 127° 41' E | PM39uu | 200 | XI  | EE | active |

|      |       |     |      |                             |     |               |       |           |            |        |     |     |    |          |
|------|-------|-----|------|-----------------------------|-----|---------------|-------|-----------|------------|--------|-----|-----|----|----------|
| 2040 | 518.0 | [E] | CBM  | Punta Arenas (Magallenes)   | CHL | Chile         | \$15E | 53° 10' S | 70° 54' W  | FD46nu | 400 | XV  | EE | active   |
| 2040 | 518.0 | [E] | UCT2 | Beringovskiy                | RSE | Russia        | \$21E | 63° 03' N | 179° 20' E | RP93qb | 250 | XXI | EE | planned  |
| 2050 | 518.0 | [F] | ESA  | Tallinn                     | EST | Estonia       | \$01F | 59° 30' N | 24° 30' E  | KO29gm | 300 | I   | EE | active   |
| 2050 | 518.0 | [F] | CTH  | Sao Miguel (CENCOMARACORES) | AZR | Azores        | \$02F | 37° 48' N | 25° 33' W  | HM77ft | 300 | II  | EE | active   |
| 2050 | 518.0 | [F] | TAL  | Antalya                     | TUR | Turkey        | \$03F | 36° 53' N | 30° 42' E  | KM56lv | 300 | III | EE | active   |
| 2050 | 518.0 | [F] | NMF  | Boston, MA                  | USA | United States | \$04F | 41° 43' N | 70° 31' W  | FN41sr | 200 | IV  | EE | active   |
| 2050 | 518.0 | [F] | EQI  | Bandar-e-Shahid Rajai       | IRN | Iran          | \$09F | 27° 08' N | 57° 04' E  | LL87ac | 300 | IX  | EE | active   |
| 2050 | 518.0 | [F] | HAS  | Bangkok (Nonthaburi)        | THA | Thailand      | \$11F | 13° 01' N | 100° 01' E | OK03aa | 200 | XI  | EE | active   |
| 2050 | 518.0 | [F] | CBY  | Isla de Pascua              | PAQ | Easter Island | \$15F | 27° 09' S | 109° 25' W | DG52gu | 300 | XV  | EE | inactive |
| 2050 | 518.0 | [F] | UCZ  | Provideniya                 | RSE | Russia        | \$21F | 64° 40' N | 173° 10' E | RP64nq | 250 | XXI | EE | planned  |

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|------|-------|-----|------|-----------------|-----|---------------|-------|-----------|------------|--------|-----|------|----|----------|
| 2100 | 518.0 | [G] | GCC  | Cullercoats     | ENG | England       | \$01G | 55° 04' N | 01° 28' W  | IO95gb | 270 | I    | EE | active   |
| 2100 | 518.0 | [G] | EAC  | Tarifa          | ESP | Spain         | \$02G | 36° 02' N | 05° 33' W  | IM76fa | 400 | II   | EE | active   |
| 2100 | 518.0 | [G] | UKW  | Berdyansk       | UKR | Ukraine       | \$03G | 45° 23' N | 36° 28' E  | KN86jp | 250 | III  | EE | active   |
| 2100 | 518.0 | [G] | NMG  | New Orleans, LA | USA | United States | \$04G | 29° 53' N | 89° 55' W  | EL59av | 200 | IV   | EE | active   |
| 2100 | 518.0 | [G] | L6I  | Rosairo         | ARG | Argentina     | \$06G | 32° 57' S | 60° 40' W  | FF97qb | 280 | VI   | EE | inactive |
| 2100 | 518.0 | [G] | HZG  | Dammam          | ARS | Saudi Arabia  | \$09G | 26° 26' N | 50° 06' E  | LL56bk | 390 | IX   | EE | inactive |
| 2100 | 518.0 | [G] | JNB  | Naha            | JPN | Japan         | \$11G | 26° 09' N | 127° 46' E | PL36vd | 400 | XI   | EE | active   |
| 2100 | 518.0 | [G] | UCV2 | Okhotsk         | RSE | Russia        | \$13G | 59° 22' N | 143° 12' E | QO19oi | 300 | XIII | EE | active   |

|      |       |     |        |                                       |     |                      |       |           |            |        |         |      |    |          |
|------|-------|-----|--------|---------------------------------------|-----|----------------------|-------|-----------|------------|--------|---------|------|----|----------|
| 2110 | 518.0 | [H] | SDJ    | Bjuröklubb                            | SWE | Sweden               | \$01H | 64° 28' N | 21° 36' E  | KP04tl | 300     | I    | EE | active   |
| 2110 | 518.0 | [H] | SVH    | Irákleio (Crete)                      | GRC | Greece               | \$02H | 35° 19' N | 25° 45' E  | KM25vh | 280-400 | III  | EE | active   |
| 2110 | 518.0 | [H] | JPC    | Curacao                               | ATN | Netherlands Antilles | \$03H | 12° 10' N | 68° 52' W  | FK52ne | 250     | IV   | EE | active   |
| 2110 | 518.0 | [H] | XMJ329 | Ferndale CG, ON (VBR)                 | CAN | Canada               | \$04H | 45° 42' N | 75° 31' W  | FN25fq | 300     | IV   | EE | active   |
| 2110 | 518.0 | [H] |        | Veraval (Gujarat)                     | IND | India                | \$08H | 20° 54' N | 70° 23' E  | ML50ev | 250     | VIII | EE | active   |
| 2110 | 518.0 | [H] | HZH    | Jeddah                                | ARS | Saudi Arabia         | \$09H | 21° 23' N | 39° 11' E  | KL91oj | 390     | IX   | EE | inactive |
| 2110 | 518.0 | [H] | JNR    | Moji                                  | JPN | Japan                | \$11H | 33° 52' N | 130° 36' E | PM53hu | 400     | XI   | EE | active   |
| 2110 | 518.0 | [H] | XLK835 | Amphritite Point (Prince Rupert MCTS) | CAN | Canada               | \$12H | 48° 56' N | 125° 32' W | CN78fw | 300     | XII  | EE | active   |

|      |       |     |     |                 |     |              |       |           |            |        |     |       |    |          |
|------|-------|-----|-----|-----------------|-----|--------------|-------|-----------|------------|--------|-----|-------|----|----------|
| 2120 | 518.0 | [I] | SDJ | Grimeton        | SWE | Sweden       | \$01I | 57° 06' N | 12° 23' E  | JO67ec | 300 | I     | EE | active   |
| 2120 | 518.0 | [I] | EAL | Las Palmas      | CNR | Canary Isles | \$02I | 28° 26' N | 16° 20' W  | IL18tk | 400 | II    | EE | active   |
| 2120 | 518.0 | [I] | TAN | Izmir           | TUR | Turkey       | \$03I | 38° 17' N | 26° 16' E  | KM38dg | 300 | III   | EE | active   |
| 2120 | 518.0 | [I] | ZSQ | Port Elizabeth  | AFS | South Africa | \$07I | 34° 02' S | 25° 33' E  | KF25sx | 500 | VII   | EE | active   |
| 2120 | 518.0 | [I] | DVS | Puerto Princesa | PHL | Philippines  | \$11I | 09° 44' N | 121° 03' E | OJ99ir | 320 | XI    | EE | active   |
| 2120 | 518.0 | [I] | JGC | Yokohama        | JPN | Japan        | \$11I | 35° 14' N | 139° 55' E | PM95wf | 400 | XI    | EE | active   |
| 2120 | 518.0 | [I] | OYN | Upernavik       | GRL | Greenland    | \$17I | 72° 47' N | 56° 12' W  | GQ12vs | 300 | XVIII | EE | on trial |

|      |       |     |     |                        |     |             |       |           |            |        |     |      |    |        |
|------|-------|-----|-----|------------------------|-----|-------------|-------|-----------|------------|--------|-----|------|----|--------|
| 2130 | 518.0 | [J] | SDJ | Gislövshammar          | SWE | Sweden      | \$01J | 55° 29' N | 14° 19' E  | JO75dl | 300 | I    | EE | active |
| 2130 | 518.0 | [J] | LZW | Varna                  | BUL | Bulgaria    | \$03J | 43° 04' N | 27° 46' E  | KN33vb | 350 | III  | EE | active |
| 2130 | 518.0 | [J] | VUU | Vengrula (Maharashtra) | IND | India       | \$08J | 15° 51' N | 73° 37' E  | MK65tu | 250 | VIII | EE | active |
| 2130 | 518.0 | [J] | DZS | Manila                 | PHL | Philippines | \$11J | 14° 30' N | 121° 04' E | PK04mm | 320 | XI   | EE | active |
| 2130 | 518.0 | [J] | JNL | Otaru                  | JPN | Japan       | \$11J | 43° 12' N | 141° 00' E | QN03me | 400 | XI   | EE | active |
| 2130 | 518.0 | [J] | NOJ | Kodiak (east of)       | ALS | Alaska      | \$12J | 57° 46' N | 152° 34' W | BO37rs | 200 | XII  | EE | active |

|      |       |     |     |                  |     |         |       |           |            |        |     |     |    |        |
|------|-------|-----|-----|------------------|-----|---------|-------|-----------|------------|--------|-----|-----|----|--------|
| 2140 | 518.0 | [K] | GNI | Niton (N.France) | ENG | England | \$01K | 50° 35' N | 01° 15' W  | IO93jo | 270 | I   | EE | active |
| 2140 | 518.0 | [K] | SVK | Kerkyra          | GRC | Greece  | \$03K | 39° 36' N | 19° 53' E  | JM99wo | 400 | III | EE | active |
| 2140 | 518.0 | [K] | XVT | Da Nang          | VTN | Vietnam | \$11K | 16° 03' N | 108° 12' E | OK46cb | 400 | XI  | EE | active |
| 2140 | 518.0 | [K] | JNX | Kushiro          | JPN | Japan   | \$11K | 42° 59' N | 144° 23' E | QN22ex | 400 | XI  | EE | active |
| 2140 | 518.0 | [K] | UHS | Murmansk         | RUS | Russia  | \$20K | 68° 46' N | 32° 58' E  | KP68ls | 140 | XX  | EE | active |

|      |       |     |     |                           |     |           |       |           |            |        |         |      |    |        |
|------|-------|-----|-----|---------------------------|-----|-----------|-------|-----------|------------|--------|---------|------|----|--------|
| 2150 | 518.0 | [L] | LGQ | Rogaland                  | NOR | Norway    | \$01L | 58° 39' N | 05° 36' E  | JO28tp | 450     | I    | EE | active |
| 2150 | 518.0 | [L] | SVL | Limnos                    | GRC | Greece    | \$03L | 39° 54' N | 25° 11' E  | KM29ov | 400     | III  | EE | active |
| 2150 | 518.0 | [L] |     | Muttam Point (Tamil Nadu) | IND | India     | \$08L | 08° 07' N | 77° 19' E  | MJ88pc | 250     | VIII | EE | active |
| 2150 | 518.0 | [L] | VRX | Hong Kong                 | CHN | China     | \$11L | 22° 13' N | 114° 15' E | OL72df | 250     | XI   | EE | active |
| 2150 | 518.0 | [L] | HCY | Ayora                     | GAL | Galapagos | \$12L | 00° 45' S | 90° 19' W  | EI49ug | 250-400 | XII  | EE | active |
| 2150 | 518.0 | [L] | UGE | Arkhangelsk               | RUS | Russia    | \$20L | 64° 51' N | 40° 17' E  | LP04du | 280     | XX   | EE | active |

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|------|-------|-----|-----|-----------------|-----|-----------|-------|-----------|------------|--------|-----|-----|----|----------|
| 2200 | 518.0 | [M] | LGT | Jeloya          | NOR | Norway    | \$01M | 59° 26' N | 10° 35' E  | JO59hk | 450 | I   | EE | active   |
| 2200 | 518.0 | [M] | CNP | Casablanca      | MRC | Morocco   | \$02M | 33° 36' N | 07° 38' W  | IM63eo | 180 | II  | EE | planned  |
| 2200 | 518.0 | [M] | 5BA | Cyprus          | CYP | Cyprus    | \$03M | 35° 02' N | 33° 17' E  | KM65pb | 220 | III | EE | active   |
| 2200 | 518.0 | [M] | OXF | Simiutaq        | GRL | Greenland | \$04M | 60° 61' N | 64° 35' W  | GP60qq | 300 | IV  | EE | on trial |
| 2200 | 518.0 | [M] | L3K | Ushuaia         | ARG | Argentina | \$06M | 54° 48' S | 68° 18' W  | FD55ue | 280 | VI  | EE | active   |
| 2200 | 518.0 | [M] | A4M | Wattayah/Muscat | OMA | Oman      | \$09M | 23° 36' N | 58° 30' E  | LL93go | 270 | IX  | EE | active   |
| 2200 | 518.0 | [M] | XSI | Sanya           | CHN | China     | \$11M | 18° 17' N | 109° 21' E | OK48qq | 250 | XI  | EE | active   |
| 2200 | 518.0 | [M] | HCG | Guayaquil       | EQA | Equador   | \$12M | 02° 16' S | 79° 62' W  | FI07br | 250 | XII | EE | active   |
| 2200 | 518.0 | [M] |     | Sabetta         | RSE | Russia    | \$20M | 71° 17' N | 72° 01' E  | MQ61ag | 250 | XX  | EE | testing  |

|      |       |     |     |                              |     |               |       |           |            |        |     |     |    |         |
|------|-------|-----|-----|------------------------------|-----|---------------|-------|-----------|------------|--------|-----|-----|----|---------|
| 2210 | 518.0 | [N] | LFO | Orlandet Radio (Grande site) | NOR | Norway        | \$01N | 63° 40' N | 09° 33' E  | JP43sp | 450 | I   | EE | active  |
| 2210 | 518.0 | [N] | SUH | Alexandria                   | EGY | Egypt         | \$03N | 31° 12' N | 29° 52' E  | KM41we | 350 | III | EE | active  |
| 2210 | 518.0 | [N] | NMN | Portsmouth, VA               | USA | United States | \$04N | 36° 44' N | 76° 01' W  | FM26ar | 280 | IV  | EE | active  |
| 2210 | 518.0 | [N] | L3D | Rio Gallegos                 | ARG | Argentina     | \$06N | 51° 37' S | 69° 13' W  | FD58jj | 280 | VI  | EE | active  |
| 2210 | 518.0 | [N] | XSQ | Guangzhou                    | CHN | China         | \$11N | 23° 09' N | 113° 29' E | OL63sd | 250 | XI  | EE | active  |
| 2210 | 518.0 | [N] |     | Mys Sterlegova               | RSE | Russia        | \$20N | 75° 24' N | 88° 46' E  | NQ45jj | 300 | XX  | EE | planned |

|      |       |     |     |                         |     |              |       |           |            |        |     |      |    |        |
|------|-------|-----|-----|-------------------------|-----|--------------|-------|-----------|------------|--------|-----|------|----|--------|
| 2220 | 518.0 | [O] | GPK | Portpatrick             | SCT | Scotland     | \$01O | 54° 51' N | 05° 07' W  | IO74ku | 270 | I    | EE | active |
| 2220 | 518.0 | [O] | 9HD | Malta                   | MLT | Malta        | \$03O | 35° 51' N | 14° 29' E  | JM75fu | 400 | III  | EE | active |
| 2220 | 518.0 | [O] | VON | Robin Hood Bay          | CAN | Canada       | \$04O | 47° 37' N | 52° 40' W  | GN37qo | 300 | IV   | EE | active |
| 2220 | 518.0 | [O] | L2W | Comodoro Rivadavia      | ARG | Argentina    | \$06O | 45° 51' S | 67° 25' W  | FE64gd | 280 | VI   | EE | active |
| 2220 | 518.0 | [O] | ZSD | Durban                  | AFS | South Africa | \$07O | 29° 48' S | 30° 49' E  | KG50je | 250 | VII  | EE | active |
| 2220 | 518.0 | [O] |     | Porto Novo (Tamil Nadu) | IND | India        | \$08O | 11° 30' N | 79° 46' E  | MK91vm | 250 | VIII | EE | active |
| 2220 | 518.0 | [O] | XSL | Fuzhou                  | CHN | China        | \$11O | 26° 02' N | 119° 18' E | OL96ra | 250 | XI   | EE | active |
| 2220 | 518.0 | [O] |     | Buenaventura            | CLM | Colombia     | \$04O | 03° 54' N | 77° 03' W  | FJ13lv | 300 | XII  | EE | active |
| 2220 | 518.0 | [O] | NMO | Honolulu, HI            | HWA | Hawaii       | \$12O | 21° 22' N | 158° 09' W | BL01wi | 350 | XII  | EE | active |

|      |       |     |        |                              |     |             |       |           |            |        |     |     |    |        |
|------|-------|-----|--------|------------------------------|-----|-------------|-------|-----------|------------|--------|-----|-----|----|--------|
| 2230 | 518.0 | [P] | PBK    | Netherlands Coastguard       | HOL | Netherlands | \$01P | 52° 55' N | 04° 14' E  | JO22cv | 250 | I   | EE | active |
| 2230 | 518.0 | [P] | CTQ    | Porto Santo (CENCOMAMADEIRA) | MDR | Madeira     | \$02P | 33° 06' N | 16° 30' W  | IM13sc | 300 | II  | PP | active |
| 2230 | 518.0 | [P] | 4XO    | Haifa                        | ISR | Israel      | \$03P | 32° 54' N | 35° 07' E  | KM72mt | 200 | III | EE | active |
| 2230 | 518.0 | [P] | XLJ895 | Pass Lake CG (VBA), ON       | CAN | Canada      | \$04P | 48° 26' N | 89° 13' W  | EN58qn | 300 | IV  | EE | active |
| 2230 | 518.0 | [P] | L2I    | Bahia Blanca                 | ARG | Argentina   | \$06P | 38° 43' S | 62° 06' W  | FF81wg | 280 | VI  | EE | active |
| 2230 | 518.0 | [P] | ASK    | Karachi                      | PAK | Pakistan    | \$09P | 24° 51' N | 67° 03' E  | ML34mu | 200 | IX  | EE | active |
| 2230 | 518.0 | [P] |        | Linyuan                      | TWN | Taiwan      | \$11P | 22° 29' N | 120° 25' E | PL02fl | 350 | XI  | EE | active |

|      |       |     |     |                            |     |               |       |           |            |        |     |      |    |        |
|------|-------|-----|-----|----------------------------|-----|---------------|-------|-----------|------------|--------|-----|------|----|--------|
| 2240 | 518.0 | [Q] | EJM | Malin Head Coast Guard     | IRL | Ireland       | \$01Q | 55° 22' N | 07° 21' W  | IO65hi | 400 | I    | EE | active |
| 2240 | 518.0 | [Q] | 9AS | Split                      | HRV | Croatia       | \$03Q | 43° 30' N | 16° 29' E  | JN83fm | 150 | III  | EE | active |
| 2240 | 518.0 | [Q] | VCO | Port Caledonia CG, NS      | CAN | Canada        | \$04Q | 46° 11' N | 59° 54' W  | GN06be | 300 | IV   | EE | active |
| 2240 | 518.0 | [Q] | L2P | Mar del Plata              | ARG | Argentina     | \$06Q | 38° 03' S | 57° 32' W  | GF11fw | 280 | VI   | EE | active |
| 2240 | 518.0 | [Q] |     | Vakalpudi (Andhra Pradesh) | IND | India         | \$08Q | 17° 00' N | 82° 17' E  | NK17da | 250 | VIII | EE | active |
| 2240 | 518.0 | [Q] | XSG | Shanghai                   | CHN | China         | \$11Q | 31° 07' N | 121° 33' E | PM01sc | 250 | XI   | EE | active |
| 2240 | 518.0 | [Q] | NMQ | Long Beach, CA (Cambria)   | USA | United States | \$12Q | 35° 31' N | 121° 03' W | CM95lm | 350 | XII  | EE | active |

|      |       |     |         |                                  |     |             |       |           |            |        |     |     |    |        |
|------|-------|-----|---------|----------------------------------|-----|-------------|-------|-----------|------------|--------|-----|-----|----|--------|
| 2240 | 518.0 | [Q] | UAL     | Tiksi (1st July to 30th October) | RSE | Russia      | \$21Q | 71° 38' N | 128° 50' E | PQ41kp | 300 | XXI | EE | active |
| 2250 | 518.0 | [R] | TFA     | Saudanes                         | ISL | Iceland     | \$01R | 66° 11' N | 18° 57' W  | IP06me | 450 | I   | EE | active |
| 2250 | 518.0 | [R] | CTV-251 | Penalva (CENCOMAR)               | POR | Portugal    | \$02R | 38° 36' N | 09° 02' W  | IM58lo | 530 | II  | EE | active |
| 2250 | 518.0 | [R] | UBJ     | Baku (Chilov)                    | AZE | Azerbaijan  | \$03R | 40° 19' N | 50° 36' E  | LN50hh | 200 | III | EE | active |
| 2250 | 518.0 | [R] | ICH     | La Maddalena                     | SAR | Sardinia    | \$03R | 41° 13' N | 09° 23' E  | JN41qf | 320 | III | EE | active |
| 2250 | 518.0 | [R] | NMR     | Isabella - San Juan, PR          | PTR | Puerto Rico | \$04R | 18° 28' N | 67° 04' W  | FK68ll | 200 | IV  | EE | active |
| 2250 | 518.0 | [R] | L2B     | Buenos Aires                     | ARG | Argentina   | \$06R | 34° 36' S | 58° 22' W  | GF05tj | 560 | VI  | EE | active |
| 2250 | 518.0 | [R] | XSZ     | Dalian                           | CHN | China       | \$11R | 38° 51' N | 121° 31' E | PM08su | 250 | XI  | EE | active |
| 2250 | 518.0 | [R] |         | Davao                            | PHL | Philippines | \$11R | 07° 04' N | 125° 36' E | PJ27tb | 320 | XI  | EE | active |

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|      |       |     |       |                                |     |                  |       |           |            |        |         |      |       |           |
|------|-------|-----|-------|--------------------------------|-----|------------------|-------|-----------|------------|--------|---------|------|-------|-----------|
| 2300 | 518.0 | [S] | DDH51 | Pinneberg                      | DEU | Germany          | \$01S | 53° 43' N | 09° 55' E  | JO43wr | 250-400 | I    | EE    | active    |
| 2300 | 518.0 | [S] | DWT   | Lagos                          | NIG | Nigeria          | \$02S | 06° 26' N | 03° 18' E  | JJ16pk | 200-260 | II   | EE    | planned   |
| 2300 | 518.0 | [S] |       | Balasure (Orissa)              | IND | India            | \$08S | 21° 29' N | 86° 55' E  | NL31ll | 250     | VIII | EE    | active    |
| 2300 | 518.0 | [S] | 9WH21 | Sandakan                       | MLA | Malaysia         | \$11S | 05° 54' N | 118° 00' E | OJ95av | 350     | XI   | EE    | active    |
| 2300 | 518.0 | [S] | XSV   | Tianjin                        | CHN | China            | \$11S | 39° 02' N | 117° 26' E | OM89ra | 250     | XI   | EE    | active    |
| 2300 | 518.0 | [S] | OBY2  | Paita                          | PRU | Peru             | \$16S | 05° 06' S | 81° 07' W  | EI94kv | 400     | XVI  | EE/SS | active    |
| 2310 | 518.0 | [T] | OST   | Oostende                       | BEL | Belgium          | \$01T | 51° 11' N | 02° 48' E  | JO11je | 110     | I    | EE    | active    |
| 2310 | 518.0 | [T] | 3VL   | Kelibia (broadcasts via Malta) | TUN | Tunisia          | \$03T | 36° 48' N | 11° 02' E  | JM56mt | 270     | III  | EE    | via Malta |
| 2310 | 518.0 | [T] | S7Q   | Mahé                           | SEY | Seychelles       | \$08T | 04° 39' S | 55° 28' E  | LI75ri | 250     | VIII | EE    | active    |
| 2310 | 518.0 | [T] | 9WW21 | Miri (Sarawak)                 | MLA | Malaysia         | \$11T | 04° 26' N | 114° 01' E | OJ74ak | 350     | XI   | EE    | active    |
| 2310 | 518.0 | [T] | VFF   | Iqaluit CG, NU (May-Dec only)  | CAN | Canada           | \$18T | 63° 44' N | 68° 33' W  | FP53rr | 150     | IV   | EE    | active    |
| 2320 | 518.0 | [U] | D4A   | São Vicente Radio              | CPV | Cape Verde       | \$02U | 16° 51' N | 25° 00' W  | HK76mu | 250     | II   | EE    | active    |
| 2320 | 518.0 | [U] | IQM   | Mondolfo                       | ITA | Italy            | \$03U | 43° 44' N | 13° 08' E  | JN63ns | 320     | III  | EE    | active    |
| 2320 | 518.0 | [U] | VAR-9 | Chebogue, NB                   | CAN | Canada           | \$04U | 45° 14' N | 65° 59' W  | FN63ws | 300     | IV   | EE    | active    |
| 2320 | 518.0 | [U] |       | Cape Columbine                 | AFS | South Africa     | \$07U | 32° 49' S | 17° 51' E  | JF87we | 300     | VII  | EE    | active    |
| 2320 | 518.0 | [U] | 9MG   | Penang                         | MLA | Malaysia         | \$11U | 05° 25' N | 100° 24' E | OJ05ek | 350     | XI   | EE    | active    |
| 2320 | 518.0 | [U] | OBC3  | Callao                         | PRU | Peru             | \$16U | 12° 04' S | 77° 09' W  | FH17kw | 400     | XVI  | EE/SS | inactive  |
| 2330 | 518.0 | [V] | OST   | Oostende (Thames)              | BEL | Belgium          | \$01U | 51° 11' N | 02° 48' E  | JO11je | 150     | I    | EE    | active    |
| 2330 | 518.0 | [V] | ICI   | Sellia Marina                  | ITA | Italy            | \$03V | 38° 52' N | 16° 43' E  | JM88iu | 320     | III  | EE    | active    |
| 2330 | 518.0 | [V] | VWP   | Keating Point (Andaman)        | IND | India            | \$08V | 09° 15' N | 92° 46' E  | NJ69jg | 250     | VIII | EE    | active    |
| 2330 | 518.0 | [V] | SUK   | Kosseir (Al Qusayr)            | EGY | Egypt            | \$09V | 26° 06' N | 34° 17' E  | KL76dc | 350     | IX   | EE    | active    |
| 2330 | 518.0 | [V] | HL    | Chukpyon                       | KOR | South Korea      | \$11V | 37° 03' N | 129° 26' E | PM47rb | 200     | XI   | EE    | active    |
| 2330 | 518.0 | [V] | NRV   | Guam                           | GUM | Guam             | \$11V | 13° 29' N | 144° 50' E | QK23kl | 100     | XI   | EE    | active    |
| 2340 | 518.0 | [W] | EJK   | Valentia Coast Guard           | IRL | Ireland          | \$01W | 51° 56' N | 10° 21' W  | IO41tw | 400     | I    | EE    | active    |
| 2340 | 518.0 | [W] | UJB   | Astrakhan                      | RUS | Russia (Caspian) | \$03W | 45° 47' N | 47° 33' E  | LN35ss | 250     | III  | EE    | active    |
| 2340 | 518.0 | [W] | FRL   | CROSS La Garde                 | FRA | France           | \$03W | 43° 06' N | 05° 59' E  | JN23xc | 250     | III  | EE    | active    |
| 2340 | 518.0 | [W] | OXI   | Nuuk (Kook Island)             | GRL | Greenland        | \$04W | 64° 04' N | 52° 02' W  | GP34xb | 400     | IV   | EE    | active    |
| 2340 | 518.0 | [W] | HL    | Pyonsan (Byeonsan)             | KOR | South Korea      | \$11W | 35° 36' N | 126° 29' E | PM35fo | 200     | XI   | EE    | active    |
| 2340 | 518.0 | [W] | NMW   | Astoria, OR                    | USA | United States    | \$12W | 46° 12' N | 123° 57' W | CN86ae | 216     | XII  | EE    | active    |
| 2340 | 518.0 | [W] | OBF4  | Mollendo                       | PRU | Peru             | \$16W | 12° 04' S | 77° 09' W  | FH33xa | 400     | XVI  | EE/SS | active    |
| 2350 | 518.0 | [X] | TFA   | Grindavik                      | ISL | Iceland          | \$01X | 63° 47' N | 22° 31' W  | HP83rs | 450     | I    | EE    | active    |
| 2350 | 518.0 | [X] | EAV   | Valencia (Cabo de la Nao)      | ESP | Spain            | \$03X | 38° 43' N | 00° 11' E  | JM08cr | 300     | III  | EE    | active    |
| 2350 | 518.0 | [X] | VOK   | Cartwright, NL                 | CAN | Canada           | \$04X | 53° 42' N | 57° 01' W  | GO13lq | 300     | IV   | EE    | inactive  |
| 2350 | 518.0 | [X] | SUZ   | Ismailia (al Ismailiyah)       | EGY | Egypt            | \$09X | 30° 35' N | 32° 17' E  | KM60el | 400     | IX   | EE    | active    |

|      |       |     |     |                          |     |         |       |           |            |        |     |     |    |        |
|------|-------|-----|-----|--------------------------|-----|---------|-------|-----------|------------|--------|-----|-----|----|--------|
| 2350 | 518.0 | [X] | XVS | Ho Chi Minh              | VTN | Vietnam | \$11X | 10° 47' N | 106° 40' E | OK30nj | 400 | XI  | EE | active |
| 2350 | 518.0 | [X] | NOJ | Kodiak (west of)         | ALS | Alaska  | \$12X | 57° 46' N | 152° 34' W | BO37rs | 200 | XII | EE | active |
| 2350 | 518.0 | [X] | SUZ | Ismailia (al Ismailiyah) | EGY | Egypt   | \$09X | 30° 35' N | 32° 17' E  | KM60el | 400 | IX  | EE | active |
| 2350 | 518.0 | [X] | XVS | Ho Chi Minh              | VTN | Vietnam | \$11X | 10° 47' N | 106° 40' E | OK30nj | 400 | XI  | EE | active |
| 2350 | 518.0 | [X] | NOJ | Kodiak (west of)         | ALS | Alaska  | \$12X | 57° 46' N | 152° 34' W | BO37rs | 200 | XII | EE | active |

# SECTION FOUR: 4209.5 kHz: SORTED BY TIME ORDER

| UTC:  | kHz:   | Slot: | Call: | Station Name:      | COU: | Country: | Rxx:  | Latitude: | Longitude: | Locator: | Range:<br>nm: | Area: | Lang: | Status:  |
|-------|--------|-------|-------|--------------------|------|----------|-------|-----------|------------|----------|---------------|-------|-------|----------|
| 0020  | 4209.5 | [C]   | XVN   | Nha Trang          | VTN  | Vietnam  | \$11C | 12° 15' N | 109° 12' E | OK42og   | 500           | XI    | EE/VV | active   |
| +++++ |        |       |       |                    |      |          |       |           |            |          |               |       |       |          |
| 0100  | 4209.5 | [G]   | XSQ   | Guangzhou          | CHN  | China    | \$11G | 23° 10' N | 113° 30' E | OL63se   | 500           | XI    | CC    | on trial |
| +++++ |        |       |       |                    |      |          |       |           |            |          |               |       |       |          |
| 0200  | 4209.5 | [M]   | TAH   | Istanbul           | TUR  | Turkey   | \$03M | 41° 04' N | 28° 57' E  | KN41lb   | 400           | III   | TT    | active   |
| 0200  | 4209.5 | [M]   | XVG   | Hai Phong          | VTN  | Vietnam  | \$11M | 20° 50' N | 106° 41' E | OL30it   | 400           | XI    | EE/VV | active   |
| 0230  | 4209.5 | [P]   | XSX   | Chi-lung (Keelung) | TWN  | Taiwan   | \$11P | 25° 08' N | 121° 45' E | PL05vd   | 540           | XI    | EE    | unknown  |
| 0240  | 4209.5 | [Q]   | XSG   | Shanghai           | CHN  | China    | \$11Q | 31° 07' N | 121° 32' E | PM01sc   | 500           | XI    | CC    | active   |
| +++++ |        |       |       |                    |      |          |       |           |            |          |               |       |       |          |
| 0300  | 4209.5 | [S]   | SVH   | Irákleio           | GRC  | Greece   | \$03S | 35° 19' N | 25° 45' E  | KM25vh   | 280-400       | III   | GK    | active   |
| 0300  | 4209.5 | [S]   |       | Tianjin            | CHN  | China    | \$11S | 39° 02' N | 117° 27' E | OM89ra   | 500           | XI    | EE    | active   |
| 0330  | 4209.5 | [V]   | XSX   | Chi-lung (Keelung) | TWN  | Taiwan   | \$11V | 25° 08' N | 121° 45' E | PL05vd   | 540           | XI    | CC    | unknown  |
| 0350  | 4209.5 | [X]   |       | Linyuan            | TWN  | Taiwan   | \$11X | 22° 29' N | 120° 25' E | PL02fl   | 540           | XI    | CC    | unknown  |
| +++++ |        |       |       |                    |      |          |       |           |            |          |               |       |       |          |
| 0420  | 4209.5 | [C]   | XVN   | Nha Trang          | VTN  | Vietnam  | \$11C | 12° 15' N | 109° 12' E | OK42og   | 500           | XI    | EE/VV | active   |
| +++++ |        |       |       |                    |      |          |       |           |            |          |               |       |       |          |
| 0500  | 4209.5 | [G]   | XSQ   | Guangzhou          | CHN  | China    | \$11G | 23° 10' N | 113° 30' E | OL63se   | 500           | XI    | CC    | on trial |
| +++++ |        |       |       |                    |      |          |       |           |            |          |               |       |       |          |
| 0600  | 4209.5 | [M]   | TAH   | Istanbul           | TUR  | Turkey   | \$03M | 41° 04' N | 28° 57' E  | KN41lb   | 400           | III   | TT    | active   |
| 0600  | 4209.5 | [M]   | XVG   | Hai Phong          | VTN  | Vietnam  | \$11M | 20° 50' N | 106° 41' E | OL30it   | 400           | XI    | EE/VV | active   |
| 0630  | 4209.5 | [P]   |       | Linyuan            | TWN  | Taiwan   | \$11P | 22° 29' N | 120° 25' E | PL02fl   | 540           | XI    | EE    | unknown  |
| 0640  | 4209.5 | [Q]   | XSG   | Shanghai           | CHN  | China    | \$11Q | 31° 07' N | 121° 32' E | PM01sc   | 500           | XI    | CC    | active   |
| +++++ |        |       |       |                    |      |          |       |           |            |          |               |       |       |          |

|       |        |     |     |                          |     |         |       |           |            |        |         |     |       |          |
|-------|--------|-----|-----|--------------------------|-----|---------|-------|-----------|------------|--------|---------|-----|-------|----------|
| 0700  | 4209.5 | [S] | SVH | Irákleio                 | GRC | Greece  | \$03S | 35° 19' N | 25° 45' E  | KM25vh | 280-400 | III | GK    | active   |
| 0700  | 4209.5 | [S] |     | Tianjin                  | CHN | China   | \$11S | 39° 02' N | 117° 27' E | OM89ra | 500     | XI  | EE    | active   |
| 0730  | 4209.5 | [V] | XSX | Chi-lung (Keelung)       | TWN | Taiwan  | \$11V | 25° 08' N | 121° 45' E | PL05vd | 540     | XI  | CC    | unknown  |
| 0750  | 4209.5 | [X] | SUZ | Ismailia (al Ismailiyah) | EGY | Egypt   | \$09X | 30° 28' N | 32° 22' E  | KM60el | 400     | IX  | EE    | active   |
| 0750  | 4209.5 |     |     | Linyuan                  | TWN | Taiwan  | \$11X | 22° 29' N | 120° 25' E | PL02fl | 540     | XI  | CC    | unknown  |
| +++++ |        |     |     |                          |     |         |       |           |            |        |         |     |       |          |
| 0820  | 4209.5 | [C] | XVN | Nha Trang                | VTN | Vietnam | \$11C | 12° 15' N | 109° 12' E | OK42og | 500     | XI  | EE/VV | active   |
| +++++ |        |     |     |                          |     |         |       |           |            |        |         |     |       |          |
| 0900  | 4209.5 | [G] | XSQ | Guangzhou                | CHN | China   | \$11G | 23° 10' N | 113° 30' E | OL63se | 500     | XI  | CC    | on trial |
| +++++ |        |     |     |                          |     |         |       |           |            |        |         |     |       |          |
| 1000  | 4209.5 | [M] | TAH | Istanbul                 | TUR | Turkey  | \$03M | 41° 04' N | 28° 57' E  | KN41lb | 400     | III | TT    | active   |
| 1000  | 4209.5 | [M] | XVG | Hai Phong                | VTN | Vietnam | \$11M | 20° 50' N | 106° 41' E | OL30it | 400     | XI  | EE/VV | active   |
| 1020  | 4209.5 | [P] | XSX | Chi-lung (Keelung)       | TWN | Taiwan  | \$11P | 25° 08' N | 121° 45' E | PL05vd | 540     | XI  | EE    | unknown  |
| 1040  | 4209.5 | [Q] | XSG | Shanghai                 | CHN | China   | \$11Q | 31° 07' N | 121° 32' E | PM01sc | 500     | XI  | CC    | active   |
| +++++ |        |     |     |                          |     |         |       |           |            |        |         |     |       |          |
| 1100  | 4209.5 | [S] | SVH | Irákleio                 | GRC | Greece  | \$03S | 35° 19' N | 25° 45' E  | KM25vh | 280-400 | III | GK    | active   |
| 1100  | 4209.5 |     |     | Tianjin                  | CHN | China   | \$11S | 39° 02' N | 117° 27' E | OM89ra | 500     | XI  | EE    | active   |
| 1130  | 4209.5 | [V] | XSX | Chi-lung (Keelung)       | TWN | Taiwan  | \$11V | 25° 08' N | 121° 45' E | PL05vd | 540     | XI  | CC    | unknown  |
| 1150  | 4209.5 | [X] | SUZ | Ismailia (al Ismailiyah) | EGY | Egypt   | \$09X | 30° 28' N | 32° 22' E  | KM60el | 400     | IX  | EE    | active   |
| 1150  | 4209.5 |     |     | Linyuan                  | TWN | Taiwan  | \$11X | 22° 29' N | 120° 25' E | PL02fl | 540     | XI  | CC    | unknown  |
| +++++ |        |     |     |                          |     |         |       |           |            |        |         |     |       |          |
| 1220  | 4209.5 | [C] | XVN | Nha Trang                | VTN | Vietnam | \$11C | 12° 15' N | 109° 12' E | OK42og | 500     | XI  | EE/VV | active   |
| +++++ |        |     |     |                          |     |         |       |           |            |        |         |     |       |          |
| 1300  | 4209.5 | [G] | XSQ | Guangzhou                | CHN | China   | \$11G | 23° 10' N | 113° 30' E | OL63se | 500     | XI  | CC    | on trial |
| +++++ |        |     |     |                          |     |         |       |           |            |        |         |     |       |          |
| 1400  | 4209.5 | [M] | TAH | Istanbul                 | TUR | Turkey  | \$03M | 41° 04' N | 28° 57' E  | KN41lb | 400     | III | TT    | active   |
| 1400  | 4209.5 | [M] | XVG | Hai Phong                | VTN | Vietnam | \$11M | 20° 50' N | 106° 41' E | OL30it | 400     | XI  | EE/VV | active   |
| 1430  | 4209.5 |     |     | Linyuan                  | TWN | Taiwan  | \$11P | 22° 29' N | 120° 25' E | PL02fl | 540     | XI  | EE    | unknown  |
| 1440  | 4209.5 | [Q] | XSG | Shanghai                 | CHN | China   | \$11Q | 31° 07' N | 121° 32' E | PM01sc | 500     | XI  | CC    | active   |

|       |        |     |     |                    |  |     |         |       |           |            |        |         |     |       |          |
|-------|--------|-----|-----|--------------------|--|-----|---------|-------|-----------|------------|--------|---------|-----|-------|----------|
| +++++ |        |     |     |                    |  |     |         |       |           |            |        |         |     |       |          |
| 1500  | 4209.5 | [S] | SVH | Irákleio           |  | GRC | Greece  | \$03S | 35° 19' N | 25° 45' E  | KM25vh | 280-400 | III | GK    | active   |
| 1500  | 4209.5 | [S] |     | Tianjin            |  | CHN | China   | \$11S | 39° 02' N | 117° 27' E | OM89ra | 500     | XI  | EE    | active   |
| 1530  | 4209.5 | [V] | XSX | Chi-lung (Keelung) |  | TWN | Taiwan  | \$11V | 25° 08' N | 121° 45' E | PL05vd | 540     | XI  | CC    | unknown  |
| 1550  | 4209.5 | [X] |     | Linyuan            |  | TWN | Taiwan  | \$11X | 22° 29' N | 120° 25' E | PL02fl | 540     | XI  | CC    | unknown  |
| +++++ |        |     |     |                    |  |     |         |       |           |            |        |         |     |       |          |
| 1620  | 4209.5 | [C] | XVN | Nha Trang          |  | VTN | Vietnam | \$11C | 12° 15' N | 109° 12' E | OK42og | 500     | XI  | EE/VV | active   |
| +++++ |        |     |     |                    |  |     |         |       |           |            |        |         |     |       |          |
| 1700  | 4209.5 | [G] | XSQ | Guangzhou          |  | CHN | China   | \$11G | 23° 10' N | 113° 30' E | OL63se | 500     | XI  | CC    | on trial |
| +++++ |        |     |     |                    |  |     |         |       |           |            |        |         |     |       |          |
| 1800  | 4209.5 | [M] | TAH | Istanbul           |  | TUR | Turkey  | \$03M | 41° 04' N | 28° 57' E  | KN41lb | 400     | III | TT    | active   |
| 1800  | 4209.5 | [M] | XVG | Hai Phong          |  | VTN | Vietnam | \$11M | 20° 50' N | 106° 41' E | OL30it | 400     | XI  | EE/VV | active   |
| 1830  | 4209.5 | [P] | XSX | Chi-lung (Keelung) |  | TWN | Taiwan  | \$11P | 25° 08' N | 121° 45' E | PL05vd | 540     | XI  | EE    | unknown  |
| 1840  | 4209.5 | [Q] | XSG | Shanghai           |  | CHN | China   | \$11Q | 31° 07' N | 121° 32' E | PM01sc | 500     | XI  | CC    | active   |
| +++++ |        |     |     |                    |  |     |         |       |           |            |        |         |     |       |          |
| 1900  | 4209.5 | [S] | SVH | Irákleio           |  | GRC | Greece  | \$03S | 35° 19' N | 25° 45' E  | KM25vh | 280-400 | III | GK    | active   |
| 1900  | 4209.5 | [S] |     | Tianjin            |  | CHN | China   | \$11S | 39° 02' N | 117° 27' E | OM89ra | 500     | XI  | EE    | active   |
| 1930  | 4209.5 | [V] | XSX | Chi-lung (Keelung) |  | TWN | Taiwan  | \$11V | 25° 08' N | 121° 45' E | PL05vd | 540     | XI  | CC    | unknown  |
| 1950  | 4209.5 | [X] |     | Linyuan            |  | TWN | Taiwan  | \$11X | 22° 29' N | 120° 25' E | PL02fl | 540     | XI  | CC    | unknown  |
| +++++ |        |     |     |                    |  |     |         |       |           |            |        |         |     |       |          |
| 2020  | 4209.5 | [C] | XVN | Nha Trang          |  | VTN | Vietnam | \$11C | 12° 15' N | 109° 12' E | OK42og | 500     | XI  | EE/VV | active   |
| +++++ |        |     |     |                    |  |     |         |       |           |            |        |         |     |       |          |
| 2100  | 4209.5 | [G] | XSQ | Guangzhou          |  | CHN | China   | \$11G | 23° 10' N | 113° 30' E | OL63se | 500     | XI  | CC    | on trial |
| +++++ |        |     |     |                    |  |     |         |       |           |            |        |         |     |       |          |
| 2200  | 4209.5 | [M] | TAH | Istanbul           |  | TUR | Turkey  | \$03M | 41° 04' N | 28° 57' E  | KN41lb | 400     | III | TT    | active   |
| 2200  | 4209.5 | [M] | XVG | Hai Phong          |  | VTN | Vietnam | \$11M | 20° 50' N | 106° 41' E | OL30it | 400     | XI  | EE/VV | active   |
| 2230  | 4209.5 | [P] |     | Linyuan            |  | TWN | Taiwan  | \$11P | 22° 29' N | 120° 25' E | PL02fl | 540     | XI  | EE    | unknown  |
| 2240  | 4209.5 | [Q] | XSG | Shanghai           |  | CHN | China   | \$11Q | 31° 07' N | 121° 32' E | PM01sc | 500     | XI  | CC    | active   |

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|      |        |     |     |                    |     |        |       |           |            |        |         |     |    |         |
|------|--------|-----|-----|--------------------|-----|--------|-------|-----------|------------|--------|---------|-----|----|---------|
| 2300 | 4209.5 | [S] | SVH | Irákleio           | GRC | Greece | \$03S | 35° 19' N | 25° 45' E  | KM25vh | 280-400 | III | GK | active  |
| 2300 | 4209.5 |     |     | Tianjin            | CHN | China  | \$11S | 39° 02' N | 117° 27' E | OM89ra | 500     | XI  | EE | active  |
| 2330 | 4209.5 | [V] | XSX | Chi-lung (Keelung) | TWN | Taiwan | \$11V | 25° 08' N | 121° 45' E | PL05vd | 540     | XI  | CC | unknown |
| 2350 | 4209.5 | [X] |     | Linyuan            | TWN | Taiwan | \$11X | 22° 29' N | 120° 25' E | PL02fl | 540     | XI  | CC | unknown |

## SECTION SIX:

## KEY TO ABBREVIATIONS USED:

| <b>Language:</b> | <b>ABB:</b> |
|------------------|-------------|
| Arabic           | AA          |
| Azerbaijani      | AZ          |
| Chinese          | CC          |
| Creole           | CR          |
| Dutch            | DD          |
| English          | EE          |
| French           | FF          |
| Georgian         | GE          |
| German           | GG          |
| Greek            | GK          |
| Hindi            | HIN         |
| Icelandic        | IS          |
| Japanese         | JJ          |
| Italian          | IT          |
| Korean           | KO          |
| Norwegian        | NO          |
| Persian          | PE          |
| Portuguese       | PP          |
| Romanian         | RO          |
| Russian          | RR          |
| Serbo-Croat      | SC          |
| Spanish          | SS          |
| Turkish          | TT          |
| Unknown          | ??          |
| Urdu             | UR          |
| Vietnamese       | VV          |

| <b>Abbreviation:</b> | <b>Meaning:</b>                              |
|----------------------|--|
| 24H                  | = 24 Hour                                    |
| bd                   | = Baud                                       |
| COU                  | = NDB List Country Code is used              |
| F1B                  | = SITOR Mode B                               |
| FEC                  | = Forward Error Correction                   |
| HF                   | = High Frequency                             |
| Lang.                | = Language                                   |
| MET                  | = Meteorological                             |
| MSI                  | = Maritime Safety Information                |
| n/a                  | = Not Applicable                             |
| NBDP                 | = Narrow Band Direct Printing                |
| Nm                   | = Nautical Miles                             |
| QSL                  | = QSL – Q Code for Verification of Reception |
| RTTY                 | = Radio Teletype                             |
| SITOR                | = Simplex Teletype Over Radio                |
| SNR                  | = Signal to Noise Ratio                      |
| WWNWS                | = World Wide Navigational Warning Service    |

## SECTION SEVEN:

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**Tobias Taufer (T2)**, Germany

US Coast Guard Navcen

**Vincent Lecler**, France

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