Summary of Observations:

S-123 RadioStation 🡪 ALRS aerial/site

S-123 CoastguardStation 🡪 ALRS Maritime Radio Station (RadioControlCenter)

S-123 RadioStations not co-located with their ControlCenter (ALRS Maritime Radio Station) are “remote-controlled” (remote sites).

MRCC may (or may not) be co-located with a Maritime Radio Station.

(Maritime Radio Station may or may not be an MRCC/MRSC)

Each may has its own Control Center, thus Contact Details.

One (ALRS) Maritime Radio Station may control multiple sites or aerials of different frequency bands. It may also control only one VHF radio.

In several countries, Maritime Radio Stations and MRCC/MRSCs are operated by organizations other than coastguard.

UKHO’s Admiralty List of Radio Signals (ALRS), 6 volumes:

|  |  |
| --- | --- |
| NP281 | Maritime Radio Stations |
|  | Satellite Communication Services (including Inmarsat, Iridium, Thuraya, etc.)  Maritime Radio Stations (including also TMAS and MRCCs/MRSCs)  Maritime TeleMedical Assistance Service (TMAS)  Radio Quarantine and Pollution reports  Anti-Piracy Contact Table |
| NP282 | Radio Aids to Navigation, DGPS, Radio Time Signals and Electronic Position Fixing System |
|  | Listing of VHF Radio Direction-Finding Stations (Canada only)  Radar Beacons (Racons and Ramarks)  Automatic Identification System Aids to Navigation (AIS AtoN)  Radio beacons transmitting DGPS corrections  International Radio Time Signal Broadcast details |
| NP283 | Maritime Safety Information Services |
|  | Maritime Weather Services  Radio Weather and Navigational Warnings  NAVTEX and EGC Services with comprehensive broadcast information  Submarine and Gunnery Warning details (Subfacts and Gunfacts)  Radio-Facsimile Stations, frequencies and weather map areas |
| NP284 | Meteorological Observation Stations |
|  | All Met Observation Stations listed worldwide |
| NP285 | Global Maritime Distress and Safety System (GMDSS) |
|  | Distress and SAR (incorporating MRCC and MRSC contacts)  NAVTEX and EGC Service fundamentals, with an overview of the MSI broadcasts by each  Worldwide NAVAREA and National Coordinator contact details |
| NP286 | Port Services, Vessel Traffic Services and Port Operations |
|  | Detailed Pilot information, contact details and procedures  Vessel Traffic Service information, contact details and procedures  National and International Ship Reporting Systems  Port information, contact details and procedures |

**UKHO ALRS Vol.1 NP281(2) Edition 2019/20: Maritime Radio Stations**

For each country, Maritime Telemedical Assistance Service (TMAS) are listed first, followed by Maritime Radio Stations and Rescue Coordination Centers.

|  |  |
| --- | --- |
| Maritime Telemedical Assistance Service (TMAS) | |
| Usual name of TMAS center: | |
|  | Communications: xx Radio (XXX ) - MMSI |
|  | Telephone/Fax/Email/Website of the TMAS center |
| Associated MRCC or JRCC: name | |
|  | Telephone/Fax/Email/Telex/Inmarsat C.. of the MRCC/JRCC |
| Consultation languages | |
| Remarks | |

TMAS of Vietnam

|  |
| --- |
| Usual name of center:  Vietnam National Institute of Maritime Medicine (Ministry of Health) |
| Communications: 19 out of the 29 Maritime Radio Stations operated by VISHIPEL |
| Telephone/Fax/Email of TMAS |
| Associated MRCC or JRCC: Vietnam MRCC  Associated MRCC locations: Da Nang, Hai Phong, Vung Tau and Nha Trang. |
| Consultation Language: Vietnamese and English |

**MRCC may (or may not) be co-located with (the Control Center of) a Maritime Radio Station**

Vietnam MRCC (not co-located with any Control Center of Radio Stations)

|  |
| --- |
| **Control center**: approximate Lat. Long. of Vietnam MRCC |
| Telephone/Fax/Email of Vietnam MRCC and 4 regional MRCCs |
| Notes:  The Vietnam National Maritime Bureau is responsible for coordinating SAR operations supplemented by MRCCs.  Maritime Radio Stations operated by the Vietnam Shipping Communications and Electronic Company (VISHIPEL) maintain a continuous listening watch on international distress frequencies. |

Each **Maritime Radio Station** has the following data elements:

|  |  |
| --- | --- |
| Radio Station name |  |
| (Call Sign) |  |
| [SELCAL] | 4-digit station identity number, if applicable |
| **Control Center** | (Lat. Long.) coordinate |
| MMSI | 00MIDxxxx |
| DSC | The DSC frequency bands monitored by each station, e.g.  DSC VHF or DSC VHF MF HF 4,6,8,12 & 16 MHz |
| (AMVER) | Station accepts AMVER messages |
| (OBS) | Station accepts weather observation messages |
| Contact details | Telephone/Fax/Telex/Email/Website/Inmarsat numbers |
| (Call) | (The Maritime Radio Identification in radiotelephony. In the case of remotely controlled stations, this identity may differ from the name of the station) |
| Notes | Information about maritime radio station services and restrictions. For example,   1. This station does not accept commercial traffic 2. Telemedical advice service available 3. Weather Reports from vessels accepted; addressed OBS METEO XXX |
| Maritime Radio Station transmission data divided into sections according to the services provided.  The services might include any or all of the following:  DSC, VHF, RT(MF), RT(HF), Radiotelex, WT(MF), WT(HF)  The corresponding mode of transmission:  VHF: very high frequency F3E speech  RT(MF) and RT(HF): SSB radiotelephone in MF and HF respectively  Radiotelex: F1B Narrow Band Direct Printing  WT: radio (wireless) telegraphy | |

VHF

|  |  |  |  |
| --- | --- | --- | --- |
| CALL: (remote site name) Radio | | | |
| Remote site name | position | Ch16 24 67 | H24(Ch16) |
| Note: Ch67 used for Safety traffic only. Direct calling on working channels is required | | | |

RT(MF)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| name | Position | Transmits | Receives | Hours of Watch |
| (Call sign) |  | 1644(Ch244) | 2069 |  |

RT(HF)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| name | Position | Transmits | Receives | Hours of Watch |
| e.g.  Ho Chi Minh (HF aerial) |  | 8812(Ch832) | 8288 |  |
| **12359** | 12359 | H24 |
| TRAFFIC LISTS: 12359kHz: 0803 1803 | | | | |

Radiotelex [SELCAL]

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Position | Transmits | Receives | Hours of Watch |
|  |  | 8429.5(Ch827) | 8389.5 | H24 |

WT [HF]

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| name | Position | Transmits | Receives | Hours of Watch |
| (Call sign) |  | 12935 | 12MHz (channels monitored: 3 4 5 6) | H24 |

**UKHO ALRS Vol.1 NP281(2) Edition 2019/20: Maritime Radio Stations**

**Vietnam**

Maritime Radio Station: Da Nang

|  |  |
| --- | --- |
| Radio Station name | Da Nang |
| (Call Sign) | (XVT) |
| **Control Center** | (Lat. Long.) coordinate |
| MMSI | 005742030 |
| DSC | DSC VHF MF HF 4, 6 & 8MHz |
| Contact details | Telephone/Fax/ Email/Website |

VHF

|  |  |  |  |
| --- | --- | --- | --- |
| Da Nang VHF | Position (of aerial) | Ch16 27 | H24 (Ch16) |

RT(HF)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Position | Transmits | Receives | Hours of Watch |
| Da Nang HF | (of aerial) | 7903 | 7903 | H24 |
| … | … |  |
| 8812(Ch832) | 8288 |  |
| **…** | … |  |
| **12359** | 12359 | H24 |
| 12365 | 12365 |  |

UKHO ALRS Vol.5 NP285 Edition 2019/20: GMDSS, NAVTEX section

**Vietnam**

NAVTEX Station: Da Nang [K][F]

|  |
| --- |
| Position: (of the NAVTEX transmitting aerial, same for [K] and [F]) |
| Telephone/Fax: same as those of the Radio Station Da Nang (Control Center) |
| MMSI: 005742030, same as that of the Radio Station Da Nang (Control Center) |
| Approximate operating range: 400 n miles |
| NAVTEX [K]  Frequency: 518kHz  Language: English  Scheduled broadcast time for weather bulletins: 0140, 1340  Scheduled broadcast time for navigational warnings: 0540, 0940, 1740, 2140 |
| NAVTEX [F]  Frequency: 490kHz  Language: Vietnamese  Scheduled broadcast time for weather bulletins: 0050, 1250  Scheduled broadcast time for navigational warnings: 0450, 0850, 1650, 2050 |

NAVTEX radio coverages are typically not the same as the limits of service areas.

UKHO ALRS Vol.5 NP285 Edition 2019/20: GMDSS, Sea Area A1-A4 section

VHF DSC, List of List of Coast Stations for Sea Area A1

Vietnam

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Station | MMSI | Position | Range (n miles) | Status (Associated RCCs) |
| Da Nang | 005742030 |  | 30 | Operational (MRCC Da Nang) |

MF DSC, List of List of Coast Stations for Sea Area A2

Vietnam

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Station | MMSI | Position | Range (n miles) | Status (Associated RCCs) |
| Da Nang | 005742030 |  | 200 | Operational (MRCC Da Nang) |

HF DSC, List of Coast Stations for Sea Area A3 and A4

Vietnam

|  |  |  |  |
| --- | --- | --- | --- |
| Station | MMSI | Frequency Band | Status (Associated RCCs) |
| Da Nang | 005742030 | 4, 6, 8 MHz | Operational (MRCC Da Nang) |
| Hai Phong | 005741040 | 4, 6, 8, 12, 16 MHz | Operational (MRCC Hai Phong) |
| Ho Chi Minh | 005743030 | 4, 6, 8, 12, 16 MHz | Operational (MRCC Vung Tau) |
| Nha Trang | 005742080 | 4, 6, 8 MHz | Operational (MRCC Nha Trang) |
| Vung Tau | 005743020 | 4, 6, 8 MHz | Operational (MRCC Vung Tau) |

One MRCC may be associated with multiple Radio Station Control Centers.

Some MRCC (National SAR Agency) examples:

Extracted from ALRS Vol.5 NP285 Edition 2019/20: GMDSS, SAR section

|  |
| --- |
| Singapore: Singapore Port Operations Control Center (MRCC)  MRCC Cape Town (SAMSA: South African Maritime Safety Authority)  Australia: JRCC Australia (AMSA: Australian Maritime Safety Authority)  Sweden: JRCC Sweden (Swedish Maritime Administration)  Croatia: MRCC + MRSCs (Harbour Master's Offices)  China: MRCC China (SAR-Center-Beijing, Ministry of Transport.)  MRCC Hong Kong: Marine Department  MRCC Georgia (Maritime Transport Agency)+ MRSCs(Harbour Master's Offices)  Finland: BorderGuard/CoastGuard, MRCC Turku & MRSC Helsinki  Morocco: MRCC Rabat (Ocean Fisheries Department)  Netherlands: Coastguard/JRCC Den Hedler  Gibraltar (UK): Gibraltar VTS (Gibraltar Maritime Administration)  Ukraine: State MRCC in Odesa (Ministry of Infrastructure) |

MRCC examples from IMO GISIS SAR module:











