AUS - Australia

NOTES

RADIOCOMMUNICATION FOR NON-SOLAS VESSELS (OUT TO 200 NAUTICAL MILES FROM AUSTRALIAN COAST

High Frequency (HF) radiocommunication services, including navigational and meteorological warnings and meteorological forecasts, are provided throughout Australia and may be provided by JRCC Australia, Australian Bureau of Meteorology, the appropriate State or Northern Territory. Coverage and capability information is provided by the relevant maritime authority. Refer to: Tasmania – www.mast.tas.gov.au; Queensland – www.msq.qld.gov.au; Northern Territory – www.dipl.nt.gov.au; South Australia – www.dpti.sa.gov.au; New South Wales – www.transport.nsw.gov.au; Victoria – www.transportsafety.vic.gov.au; Western Australia – www.transport.wa.gov.au; Australian Maritime Safety Authority – www.amsa.gov.au.

Very-High Frequency (VHF) radiocommunication services, including navigational and meteorological warnings and meteorological forecasts, are provided throughout Australia and may be provided by the appropriate State or Northern Territory a local volunteer marine rescue (VMR) or coastguard. Coverage and capability information is provided by the relevant maritime authority, local VMR or coastguard. Refer to: Tasmania – www.mast.tas.gov.au; Queensland – www.msq.qld.gov.au; Northern Territory – www.dipl.nt.gov.au; South Australia – www.dpti.sa.gov.au; New South Wales – www.transport.nsw.gov.au; Victoria – www.transportsafety.vic.gov.au; Western Australia – www.transport.wa.gov.au.

DSC WATCH - Coast stations participating in MF, HF and VHF watch-keeping using digital selective calling techniques

DC1 This station does not accept public correspondence.

MED- ADVICE - Stations transmitting medical advice

MD1 Urgent telemedical advice may be obtained via HF DSC to JRCC Australia (call sign VIC) using MMSI number 005030001. Medical assistance (e.g. evacuations) can also be arranged using the same method. Subsequent communications following the DSC calls can be either radiotelephony (J3E) or narrow-band direct printing (NBDP). JRCC Australia can be contacted directly on tel. +61 6230 6811 or fax: +61 2 6230 6868.

Medical advice can also be obtained using Inmarsat services using Special Access Code (SAC) 32. Medical assistance (e.g. evacuation) can also be arranged using Special Access Code (SAC) 38.

MD2 Follow-on 4125 kHz (J3E) or 4177,5 kHz (F1B).

MD3 Follow-on 6215 kHz (J3E) or 6268 kHz (F1B).

MD4 Follow-on 8291 kHz (J3E) or 8376 kHz (F1B).

MD5 Follow-on 12290 kHz (J3E) or 12520 kHz (F1B).

MD6 Follow-on 16420 kHz (J3E) or 16695 kHz (F1B).

RCC's - Rescue coordination centers (MRCC, RCC, MRSC, JRCC)

RC1 JRCC Australia operates stations at WILUNA, WESTERN AUSTRALIA and CHARLEVILLE, QUEENSLAND that provide distress and safety services on HF DSC, with follow up communications by radiotelephony on 4 125, 6 215, 8 291, 12 290 and 16 420 kHz, and by narrow-band direct-printing telegraphy on 4177.5, 6268, 8376.5, 12520 and 16695 kHz. JRCC Australia can be contacted directly on tel. +61 6230 6811 or fax: +61 2 6230 6868.

METEO - Stations transmitting regular meteorological bulletins

BM1 General note:

The Australian Bureau of Meteorology (BOM) is the national meteorological service provider of Australia and is responsible for issuing and disseminating meteorological forecasts and warnings to shipping on the high seas and in coastal waters areas around Australia. BOM provide the following HF services to mariners:

a. Broadcast (voice) of marine weather warnings, forecasts and observations.
b. Broadcast (radiofax images) of marine weather forecast and analysis maps.

Services are also provided using Inmarsat SafetyNET EGC and Iridium SafetyCast EGC. Further information is available: www.bom.gov.au/marine/radio-sat/marine-weather-hf-radio.shtml.

BM2 **SUP**

BM3 Voice broadcast attributes:

- automatic cyclic programme of regularly updated meteorological forecasts, warnings and coastal observations;
- current warnings are repeated every hour;
- whole programme repeated every 4 hours, with individual forecast messages updated as they become available;

- VMC covers Coastal Waters forecasts for Queensland, New South Wales, Victoria, Tasmania; and High Seas forecasts for Northern, North Eastern, South Eastern, and Southern areas;
- VMW covers Coastal Waters forecasts for Western Australia, South Australia, Northern Territory, and Queensland Gulf waters; and High Seas forecasts for Northern, Western and Southern areas.

BM4 Facsimile broadcast attributes:

- same programme of weather charts and maps repeated by VMW and VMC;
- programme schedules are transmitted between 0015 – 0045 h and 1215 – 1245 h daily.

BM5 If an SSB receiver is used with a standard facsimile decoder, the receiver needs to be tuned 1900 Hz below the published frequencies to obtain the 1900 Hz sub-carrier modulated by the FSK facsimile signal.

BM6 **SUP**

BM7 **SUP**

BM8 **SUP**

BM9 **SUP**

CES-CP - Systems in the maritime mobile-satellite service that provide a public correspondence service

CS1 Land earth station operated by STRATOS, as part of the Inmarsat system covering the Pacific, Indian and Atlantic Ocean Regions.

CS2 Accounting authority: STRATOS.

TF: +1 709 7484280 (worldwide)
+1 866 7484280 (toll free in North America)
+0800 7311982 (toll free in United Kingdom)
FAX: +1 709 7245340
E-mail: billingcs@stratosglobal.com

NAVAREA - Navarea coordinators

NAVAREA X

NV1 Outline maps of NAVAREA X are available in the Australian Hydrographic Office (AHO) Seafarers Handbook for Australian Waters (AHP20) available at: https://www.hydro.gov.au/prodserv/publications/ahp20.htm.

NV2 NAVAREA X Coordinator provides vessels with maritime safety information (MSI) about hazards and foreseeable dangers to safe navigation through Australia's, and our regions, marine environment. In Australia, MSI is provided via long-range and coastal warnings.

NAVAREA X enhanced group call (EGC) broadcasts are made via the recognised mobile satellite service provider, Inmarsat. All long-range navigational warnings (NAVAREA X) are broadcast via Inmarsat SafetyNet on the IOR and POR satellites at the scheduled times of UTC 0700 and 1900.

Coastal and local warnings (AUSCOAST and Sea Safety Messages) are transmitted on the POR satellite only at the scheduled times of UTC 0700 and 1900. There are nine defined AUSCOAST areas identified by the letters A to H.

Further information is available on the Australian Maritime Safety Authority (AMSA) website at: https://www.amsa.gov.au/safety-navigation/navigation-systems/maritime-safety-information.

Navigational warnings are updated in real time when warnings are issued and cancelled, and can be updated by refreshing the webpage at https://www.amsa.gov.au/safety-navigation/navigation-systems/maritime-safety-information-database.