



South African Maritime Safety Authority

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Date: 16 November 2020

Marine Notice No. 52 of 2020

Maritime Safety Information (MSI) and Cospas-Sarsat LEOSAR services provided by Telkom SA.

TO ALL REGIONAL MANAGERS, PRINCIPAL OFFICERS, SURVEYORS, RADIO DEALERS, SHIP OWNERS, MASTERS, SHIP'S OFFICERS AND AFFECTED PARTIES

The following Marine Notices are hereby cancelled: Marine Notice No 27 of 1995; Marine Notice No 7 of 2018 & Marine Notice No 29 of 2018

Summary

The purpose of this Marine Notice is to specify the current MSI and Cospas-Sarsat LEOSAR services provided by Telkom SA.

1. ABBREVIATIONS

- Cospas-Sarsat – International Satellite System for Search and Rescue
- DSC – Digital Selective Calling
- ELT – Emergency Locator Transmitter
- EPIRB – Emergency Position Indicating Radio Beacon
- GMDSS – Global Maritime Distress and Safety System
- HF – High Frequency
- LEOSAR – Low Earth Orbiting Search and Rescue Satellite System
- LUT – Local User Terminal
- MF – Medium Frequency
- MCC – Mission Control Centre
- PLB – Personal Locator Beacon
- VHF – Very High Frequency

2. WATCHKEEPING SERVICES

- VHF Channel 16 watch keeping service is provided from 29 sites around the South African coast from the Mozambican border to the Namibian border.
- VHF Channel 70 DSC is being introduced and will be covered by the same 29 sites to provide an area of continuous VHF DSC coverage. On successful completion of the test phase South Africa will declare GMDSS Sea Area A1, thus confirming the afore-mentioned coverage.
- MF 2182 KHz watch keeping will be terminated once Channel 70 is fully operational.
- HF DSC Sea Area A3 watch keeping is offered from Cape Town on 4, 6, 8, 12 and 16 MHz.
- All Radio Telephony DSC follow on frequencies are available.
- A Radio Telex service is not provided.
- CospasSarsat LUT and MCC is based in Cape Town and provides for the reception of 406 MHz EPIRB, ELT and PLB distress beacon signals.

3. **NAVIGATION WARNINGS**

The receipt, preparation, transmission and monitoring of Navigational Warnings for NAVAREA 7 and coastal waters up to 50 nautical miles off shore is provided via VHF Radio Telephone, HF Radio Telephone on 4, 8 and 12 MHz and the Navtex Service on 518 KHz from Cape Town, Durban, Port Elizabeth and Cape Columbine.

4. **METEOROLOGICAL SERVICES**

- All meteorological services with full coverage for METAREA 7 is provided and consists of the receipt of weather observations from ship stations via radio telephone, Wxtex Service on 518 KHz from Cape Town, Durban, Port Elizabeth, Cape Columbine and INMARSAT.
- The preparation, transmission and monitoring of Weather forecasts is done on VHF Radio Telephone, HF Radio Telephone on 4, 8 and 12 MHz
- A Radio Telex service is not provided.

5. **SAFETYNET SERVICES**

The preparation, transmission and monitoring of NAVAREA 7 warnings, weather broadcasts and all safety related messages is provided via an appropriate INMARSAT Land Earth Station and INMARSAT monitoring equipment.

6. **NAVTEX SERVICES**

A Navtex service on 518 KHz in the English language is provided from Cape Town, Port Elizabeth, Durban and Cape Columbine.

7. **SAFREP SERVICES**

- This service is provided by receiving and preparing messages, for onward transmission, from stations at sea via Radio Telephone and INMARSAT.
- A Radio Telex service is not provided.

8. **COSPAS-SARSAT SERVICES**

A Cospas-Sarsat LUT and MCC based in Cape Town provides for the reception of 406 MHz EPIRB, ELT and PLB distress beacons.

9. **FURTHER INFORMATION ON THE ABOVE SERVICES CAN BE FOUND IN:**

- The SA List of Lights and Radio Services (SAN HO-1)
- The SA Annual Summary of Notices to Mariners
- The National Department of Transport South African Search and Rescue (SASAR) Manual

10. **CAPE TOWN RADIO / ZSC CONTACT INFORMATION:**

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