Are you aware of what SAMSA and the various Regulations require of you?

The various Acts and regulations place the onus on the owner and in some cases the master as well, to ENSURE that the vessel and the crew comply with the requirements of the regulations at all times.

The SAMSA surveyors do NOT replace the owners and crew in matters of safety and their main function is to ensure that the owner, master and crew are in fact making reasonable efforts to apply regulations and maintain safety standards.

To assist vessel owner/owners representative to manage safety aboard and to demonstrate that management is playing its part, the following checklist has been compiled for your assistance and guidance. (Please note that it is not a complete list but covers the main issues.)

THE SURVEYOR WILL REQUEST A COMPLETED FORM FROM THE OWNER/OWNERS REPRESENTATIVE BEFORE, OR AT THE VERY LATEST, AT THE SURVEY!
Failure to do so is understood to mean that management has not applied themselves to safety management unless they are able to produce a similar initiative on their part, and the surveyor has been instructed to terminate the audit/survey.

Owner/Owners Representative Declaration:

I, owner/ responsible person of the vessel ..... have read and completed this checklist in preparation for the vessels Local General Safety Survey.

Signature **Date**

Official Number:_____MMSI Number:_____

GT:_____Length:_____

Call Sign: _____FSL: _____

Owner's details:

_____

_____

_____

DIGITAL SELECTIVE CALLING (DSC)
RADIO CHECK-LIST FOR NON-GMDSS VESSELS.
CLASS D FISHING VESSELS. [vessels of <45m making voyages exclusively within South African waters, not more than 40 nm from shore].

Consolidated Merchant Shipping (Radio Installations) Regulations, 2002, as amended by GG36623 2 July 2013
APPLICATION : (1) ships of >25 GT; (2) pleasure vessels 100grt+

CHECK	ITEM	NOTES
	VHF RADIOTELEPHONE INSTALLATION. EQUIPPED WITH DSC. (Part 3 Regulation 22). **Current ICASA Frequency Spectrum License (ECA Act).** **Make, Model and Serial number of the Radio/s.**	All vessels >25 GRT. • -:MMSI number programmed correctly; • -:Power output and reflected power; • -:GPS position; • -:Deviation; • -:Sensitivity; • -:Frequency accuracy; • -:Antenna and co-axial cable condition. • -:Signal level
	Use of the VHF DSC radiotelephone installation. **At least two persons, Skipper and one other.** **(Part 3- Regulation 29 r/w Safe Manning, Training and Certification Regulation, 2013 - GG36688 of 23 July 2013) (ITU Requirement to operate radio apparatus on Maritime Frequency Bands).**	**Short Range Certificate is required.** In terms of the ITU regulations, the operator must have practical knowledge of operating the equipment and of all the international radio regulations. Operator 1. . . . . . Operator 2. . . . .
	GPS (If connected to Radio Installations) (Part 3 Regulation 22).	Interfaced with VHF Radio Installation and fully operational, **CONNECTED TO RADIO BATTERIES**.
	Provision of VHF Radiotelephone station antennae for DSC and normal operation. (Part 3, Regulation 27).	Antennae to be installed suitable for the efficient radiation and reception of both voice and DSC signals in the VHF marine band. Vertically polarised and have an unobstructed view in all directions.
	Battery bank for VHF radio apparatus. (Part 3, Regulation 28) Annex 5.	• Battery boxes to be fitted with proper vents. • Cable clamps clean and not rusted. • Batteries clean and not cracked. • Water (electrolyte) topped-up where applicable.
	Charging systems. **(Part 3, Regulation 24)**	• The charging system should be able to bring the battery bank to full charge within a period of 16 hours. • The batteries should be fully charged on every occasion immediately before the ship leaves port.
	RADIOTELEPHONE INSTALLATION (SSB) (Not required, but must be fully operational if fitted. DOES NOT HAVE TO BE DSC EQUIPPED) **(Part 3, Regulation 31 and 33).** **Current ICASA Frequency Spectrum License (ECA Act).** **Make, Model and serial number of the radio/s.**	**Not a requirement for RADIO class D fishing vessels.** However, when fitted **shall** be fully compliant with the following- • Installation to deliver maximum RF power output. Reflected power NOT to be more than 10% of this output. • Ensure maximum performance on DSC watch keeping channels (100 Watt peak envelope power). • Check antenna and insulators' condition;
	Radiotelephone Operators. Record names and operator certificate numbers At least two persons, Skipper and one other.	**Restricted R/T Certificate (marine)** (As per ITU Syllabus). Operator 1. . . . . . Operator 2. . . . .
	Radio Summary. (Part 3, Regulation 30) EPIRB and SART checks. (Annex 5).	• Summary of communications relating to distress, urgency and safety, completed by skipper. • Record of manual updating of the position to the DSC Installations to be recorded 4 hourly as required by Regulation 22.

	Emergency Display (Card of Instructions) (Part 3, Regulation 26, 31 and ITU). For both radios.	• Indicating the MMSI number, Name and Callsign of the vessel combined with an example of a DSC distress procedures. • Basic Distress call operation of the VHF DSC radio.
	Voltmeter. For both radios. (Part 3, Regulation 24).	All vessels in order to monitor the charged and operating condition of the radio batteries.
	Antenna Plan. (Part 3, Regulation 25).	All antennas with heights and system that it is connected to. (e.g. photograph detailing equipment).
	Provision of radiotelephone antennas. (Part 3, Regulation 32).	Suitable antennas and insulators are required, for both R/T and DSC. If a wire antenna liable to whipping is supplied, it must be protected against breakage with a "weak link".
	Handbooks and other adequate information in the English Language for operating and maintenance of the equipment. **(Part 3, Regulation 25).**	Have handbooks for- • The DSC VHF; • The Radiotelephone Installation (SSB) when fitted. • Portable Two-way radios; • EPIRB; • SART; • GPS; • Inmarsat, when fitted; • Radar, when fitted.
	Wiring diagrams and information of the radio installation to be provided. **(Part 3, Regulation 25 (6) (b)).**	• Official wiring diagrams should show all the information on the wiring of the radio installation. It needs to show all the cable/interconnections and terminations. • GPS wiring details. • Check all the wiring to the radio installation.
	Spare antenna for Radiotelephone installation (SSB). (Part 3, Regulation 32).	• Completely assembled antenna with insulators if it is a wire antenna. • If it is a whip type antenna, a spare antenna of similar electrical characteristics. • Means and plan to erect an antenna.
Battery Expiry Date: **……..** **Service Date:** **……..**	**406 MHz Emergency Position Indicating Radio Beacon (EPIRB)** **(Part 3, Regulation 22).** **Current ICASA Frequency Spectrum License (ECA Act).**	• EPIRB is registered and; • To be approved by SAMSA and ICASA. • Hexadecimal code and MMSI Number are • displayed on EPIRB. • Monthly checks. • Ensure that the Hydrostatic Release Unit is valid and the EPIRB is secure in the bracket; • Ensure that the battery is manufacturer type approved; • Bracket Magnet function and status; • Signs of any damage to the installation; • Comply with the service dates; • Test report.(electronic test print-out).
Battery Expiry Date: **……..** **Service Date:** **……..**	**Search and Rescue Radar Transponder (SARTS) (Part 3, Regulation 39).** **Current ICASA Frequency Spectrum License (ECA Act).**	One SART is required. - Ensure that the SART is serviced – Electronic print out of operational status. - Ensure that the vessel's name and call sign is displayed on the SART. - Monthly Checks for signs of damage; - To be approved by SAMSA and ICASA. - Ensure that the battery is not expired and is type-approved. - Comply with the service dates. - Should be securely mounted in a position from which it can be quickly taken into a life raft.
Battery Expiry Date: **……..**	**PORTABLE TWO-WAY VHF RADIOTELEPHONE APPARATUS (Part 3, Regulation 38).**	**One required for-** - Ensure that the primary batteries are **sealed** and that the date/s is/are valid. - Ensure that the portables are properly - assembled as per handbook instructions, excluding the primary battery;

	Current ICASA Frequency Spectrum License (ECA Act).	- Deviation; - Sensitivity; - Frequency accuracy; - Antenna condition. - Signs of damage.
	Inmarsat, when fitted, requires a separate Icasa Frequency Spectrum License. (ECA Act)	Ensure that IMN number is correct.
	Radar Installation (When Fitted).	- Ensure that the magnetron is capable of targets on at least 12 nm range. - EBL must be activated and accurate. - VRM must be activated and accurate. - Ensure that the HM off/on is functional - Ensure that the trigger pulse setting is correct. - Ensure scanner installation is secure and fully functional