

SURVEY CHECKLIST

Ship Name: AKSON SARA

Class No: 109504 RNo: 24IT1012

SR - Documentation

EXM	Items
X	Radio licence issued by flag administration
X	Radio operator's certificates of competence
X	Up-to-date ITU publications
X	Operating manuals for all equipment
X	Radio record (log)
X	Documentary evidence that actual capacity of battery has been proved in port within last 12 months

SR - General Requirements

EXM	Items
X	Position, physical and electromagnetic protection and illumination of each radio installation
X	Provision of equipment for radio installation with due regard to the sea areas and the means of maintaining availability
X	Ability to initiate the transmission of ship-to-shore distress alerts by at least two separate and independent means

SR - Antennas

EXM	Items
X	Siting and absence of defects of all antennas, including recognized mobile satellite service antennas and feeders
X	Insulation and safety of all antennas
X	Fitted as high as possible

SR - Source of Energy

EXM	Items
X	Main source
X	Emergency source
X	Reserve source
X	Operating hours of reserve source, 1 to 6 hours Specify hours:
X	Siting and installation of reserve battery Specify location:
X	Condition of battery by specific gravity measurement or voltage measurement Specify volatage or gravity:
X	Battery voltage and discharge current Specify voltage and maximum discharge current:
X	Charger(s) are capable of recharging the reserve battery within 10 hours
X	Charging mode (Auto and/or Manual)

SR - VHF Transceiver

EXM	Items
X	Operation on channels 6, 13 and 16
X	Frequency tolerance
X	Radio frequency power output on channels 6, 13 and 16 Specify power:

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SR - VHF Transceiver

EXM	Items
X	Operation of all controls including priority of control units
X	Operation from main, emergency (if provided) and reserve sources of energy
X	Operation of VHF control unit(s) or portable VHF equipment
X	Operation by on-air contact with a coast station or other ship

SR - VHF DSC controller and channel 70 DSC watch receiver

EXM	Items
X	Off-air check to confirm MMSI programme
X	Transmission test
X	Reception test
X	DSC alarm
X	Operation from main, emergency (if provided) and reserve sources of energy

SR - MF/HF Transceiver (or MF)

EXM	Items
X	Operation from main, emergency (if provided) and reserve sources of energy
X	Antenna tuning
X	Frequency tolerance
X	Operation by contact with a coast station and/or measuring transmission line quality and radio frequency output
X	Receiver performance by monitoring known stations
X	Control unit on bridge has first priority for purpose of initiating distress alerts, if control units are provided outside navigating bridge
X	Selective calling number is programmed
X	Operation by inspection of recent hard copy or by a test with a coast radio station

SR - MF/HF DSC controller (or MF)

EXM	Items
X	Operation from main, emergency (if provided) and reserve sources of energy
X	MMSI programme
X	Off-air self-test programme
X	Operation by means of test call on MF and/or HF to coast radio station
X	MF/HF DSC alarm

SR - MF/HF DSC watch receiver (or MF)

EXM	Items
X	Only distress and safety DSC frequencies are being monitored
X	Continuous watch is being maintained while keying MF/HF radio transmitters
X	Operation by inspection of recent hard copy or by test alert/call

SR - Ship Earth Station

EXM	Items
X	Operation from main, emergency (if provided) and reserve sources of energy

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SR - Ship Earth Station

EXM	Items
X	Where uninterrupted supply of information from ship's navigational or other equipment is required, such information remains available in event of failure of main or emergency electrical power source
X	Distress function by means of an approved test procedure where possible
X	Operation by inspection of recent hard copy or by test call

SR - NAVTEX

EXM	Items
X	Operation by monitoring incoming messages or inspecting recent hard copy
X	Self-test programme if provided

SR - Enhanced Group Call

EXM	Items
X	Operation and area by monitoring incoming messages or by inspecting recent hard copy 
X	Self-test programme if provided

SR - EPIRB

EXM	Items
X	Position and mounting for float free Specify location:
X	Lanyard
X	Visual inspection for defects
X	Self-test Routine
X	EPIRB ID is clearly marked on outside of equipment
X	Decoded EPIRB ID (and marked on EPIRB) Specify ID:
X	Battery Expiry Date Specify date:
X	Hydrostatic release and its expiry date Specify date:
X	406MHz emission
X	121.5MHz emission
X	EPIRB documents, including annual test results
X	EPIRB has been maintained at intervals not exceeding five years at an approved shore-based maintenance facility Specify date & provider:

SR - Two-way VHF Radiotelephone Apparatus

EXM	Items
X	Available channels Specify channels:
X	Operation on Channel 16 and one other by testing with another fixed or portable VHF installation
X	Battery charging arrangements where re-chargeable batteries are used

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SR - Two-way VHF Radiotelephone Apparatus

EXM	Items
✗	Expiry date of primary batteries where used
	Specify date:

SR - Search and Rescue Locating Device

EXM	Items
✗	Position and mounting
✗	Operation test (response on ship's 9 GHz radar or AIS-SART)
✗	Battery Expiry Date
	Specify date:
✗	Operating instructions
✗	Fixed installation provided in a survival craft

SR - AIS

EXM	Items
✗	Operation from main, emergency (if provided) and reserve sources of energy
✗	AIS documents, including ant location, initial configuration, interconnection diagrams
✗	Pilot plug (near pilot position)
✗	AC plug (near pilot position)
✗	Statistic data
✗	Dynamic data
✗	Voyage related data
✗	Performance test (Frequency, Output, Send/Receive data)
✗	On air check

SR - Other Radio Equipment

EXM	Items
✗	SSAS (Ship Security Alert System)
✗	VDR / S-VDR float-free capsule
✗	AIS-SART (AIS search and rescue transmitter)
✗	Global Navigation Satellite System (GNSS)
✗	Long Range Identification & Tracking (LRIT)
✗	On-board Communication Apparatus

SR - Spare parts, Tool and Measuring Instrument

EXM	Items
✗	Standard spare parts for shore-based maintenance

SR - Measuring Instrument used

EXM	Items
✗	Freq. counter
✗	Watt meter
✗	Oscilloscope
✗	Multi-meter
✗	EPIRB tester

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SR - Measuring Instrument used

EXM	Items	
X	Acid meter	
X	AIS tester	
X	Others	
	Specify instruments, if any:	

SR - Radio Operator

EXM	Items	
X	Name, Nationality, Class, Certificate No. & issued by	
	Specify information:	