



### 23.5m Supply Vessel



Principal particulars	
Vessel name	SORA 22
Place Built	Lita Ocean, Singapore
Year Build	July 2025
Type of Hull	Aluminum Alloy
Basic Function	Cargo supply, Pax transfer to OPL
Flag	Qatar
Call sign	A7A4402
IMO	-
PAX Capacity	24 Pax
Length Overall	23.5m
Breadth	6.20 m
Depth	2.6 m
Draft (max)	1.15 m
Class	Bureau Veritas
GRT / NRT	88 T / 26 T

Propulsion system	
Main Engines	2 x Yanmar 6AYM-WET(M) 829 BHP @ 1900 rpm
Auxiliary Engines	2x x Cat C4.4 / 38 KWA / 415 V / 50 Hz
Gear box	YXH-240 / 2.27 ration
Propellers	Twin Conventional Screw
Steering Gear System	Hydraulic Steering System
Fire / GS pump	Davey 95cum/hrs H=30M

Deck equipment	
Anchors & Chain	1 Nox x 67 kgs,
Anchor Windlass c/w Bow	Hydraulic Vertical windlass
Mooring bits	6 Nos ( 2.5 ton each )

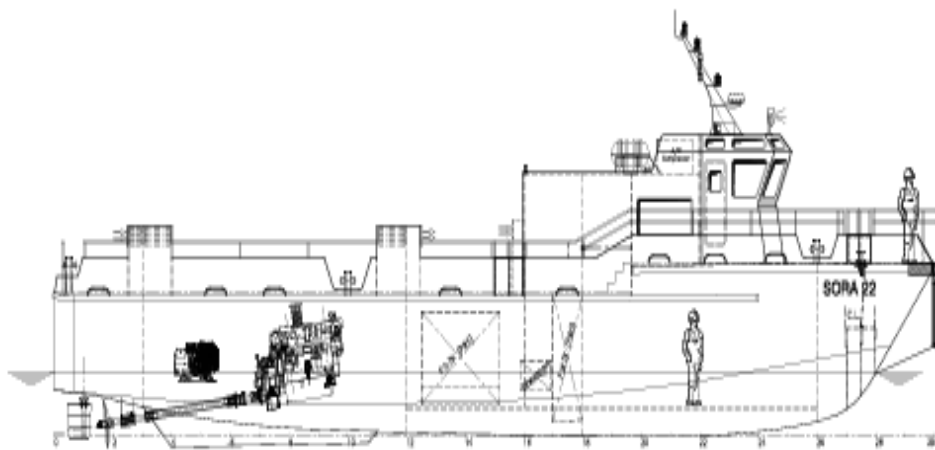
Performance	
Maximum Speed	18 Knots
Cruising Speed	16 Knots

Navigation and Communications Equipment	
Navigation Lights & Switches	Masthead / Anchor light / Stern light / NUC light /Red Green side light & Search Lights
GPS and Sounder	GS 25 /
Radar	Simrad HALO 24 NM
VHF DSC	Simrad RS20
AIS	Simrad V5035 Class A
Compass	Autonatic Magnetic Compass
Auto Pilot	Simrad AP70 MK2

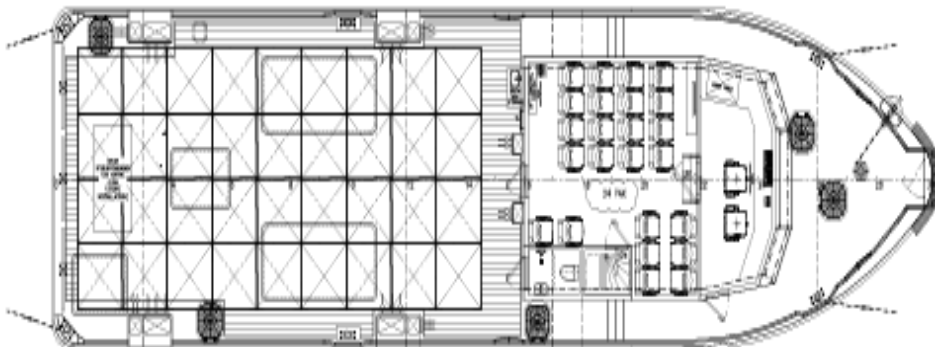
Tank capacities	
Fuel Oil	12000 Liters
Fresh Water	6000 Liters
Sewage tank	300 Liters

Hull and Superstructure	
Welded Aluminum Tampered/Toughened Glass	Kapur Timber Deck
Aluminum Bow Rail	Aluminum Side Rail
Fully Welded Strong Aluminum Engine	Helmsman Chair & Commander Chair c/w Base
Accommodation for 6 crew, with toilet, pantry and mess	Non-Slip Deck

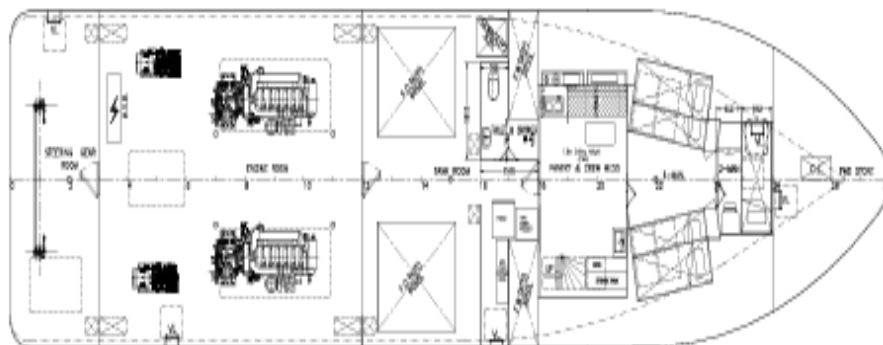
Fire fighting	
Fire Fighting	8 x 9 kg ABC Dry powder 1 x 45 liters foam trolley 1 x Engine driven pump 1 x Electrical driven pump 2 x 2" x 15m c/w nozzle fire hose
Life Saving	As per Life saving approved pan
Fire Alarm, Smoke	Fire and Smoke Alarm System



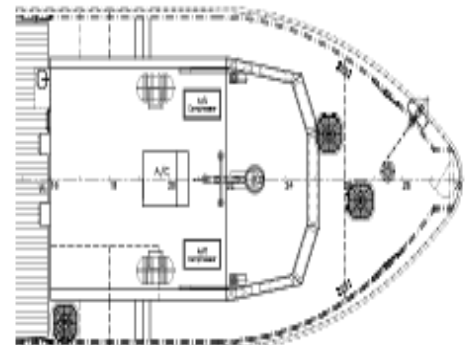
PROFILE



MAIN DECK PLAN



BOTTOM PLAN



TOP OF DECKHOUSE

**MAIN DIMENSIONS**

LENGTH O-A. (MLD HULL)	23.500 M
LENGTH WATERLINE	21.960 M
BREADTH MLD.	6.200 M
DEPTH MLD.	2.800 M
DRAFT (DESIGN)	1.150 M
SPEED	~20 KNOTS
CAPACITY	
- CREW	6
- PERSONNEL	24
- FUEL OIL	2x6000 LITERS
- FRESH WATER	2x3000 LITERS
- DECK AREA	53.5 M <sup>2</sup>
- DECK LOAD	1.0 T/m <sup>2</sup>
ENGINE	YANMAR 6AYM-WET 2-SETS 829BHP x1900RPM
GEAR BOX	YXH-240
GENERATOR	RATIO ~2.270 : 1 CAT C4.4
CLASS	2-SETS 38 kW/415V/50Hz BV I HULL • MACH
NOTATION	LIGHTSHIP- FAST UTILITY BOAT SEA AREA 2

1	UPON CMC TO DEVELOPER'S COMMENTS	25/03/2024	UN	Client :	SORA MARINE SERVICES W.L.L.	 <b>JENJOSH</b> MARINE DESIGN	<b>JENJOSH MARINE DESIGN PTE LTD</b> NO.7000 Northstar@BKK, #05-05, Ang Mo Kio Ave 5 SINGAPORE 568880 E-Mail: info@jenjoshgroup.com			
2	UPON CMC TO CLIENT'S COMMENTS	27/12/2024	UN	Designer :	UTA OCEAN PTE LTD					
3	UPON CMC TO CLIENT'S COMMENTS	01/11/2024	UN	Ship Name :	SORA 22					
4	UPON CMC TO CLIENT'S COMMENTS	05/10/2024	05	Hull No. :	H230			Class ID :	BV 48547V	
5	THIRD DESIGNER ASSES A ENGINE NOW REQUESTED BY OWNER	22/06/2024	UN	Project :	23.5 M ALUMINUM CREW SUPPLY BOAT			Title :	GENERAL ARRANGEMENT	
Rev.	Detail of Modifications	Date	Done by	This document contains information which is proprietary to Jenjosh Marine Design Pte Ltd. The information contained herein shall be used only for the purpose intended and shall not be disclosed, duplicated or distributed without prior written permission from Jenjosh Marine Design Pte Ltd.			Checked: SJ	Drawn: GS	Scale: 1 : 100	Date: 21/04/2024
							Proj. No: J026902	Des. No: J026910-003	SH. No: 1 OF 1	Rev.: F

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