

SORA 1

23.5m Supply Vessel



Principal particulars

Vessel name	SORA 1
Place Built	Lita Ocean, Singapore
Year Build	2022
Type of Hull	Aluminum Alloy
Basic Function	Cargo supply, Pax transfer to OPL
Flag	Qatar
Call sign	-
IMO	-
PAX Capacity	27 Pax
Length Overall	23.5m
Breadth	6.20 m
Depth	2.6 m
Draft (max)	1.15 m
Class	Bureau Veritas
GRT	88

Performance

Maximum Speed	18 Knots
Cruising Speed	16 Knots

Propulsion system

Main Engines	2 Cummins KTA 19 600 BHP @ 1800 rpm
Auxiliary Engines	Cummins 2 * 27 KWA & 1 * 50 KWA
Gear box	2 * ZF
Propellers	Twin Conventional Screw
Steering Gear System	Hydraulic Steering System

Deck equipment

Anchors & Chain	1 Nos
Anchor Windlass c/w Bow	Hydraulic Vertical windlass
Mooring bits	6 Nos

Navigation and Communications Equipment

Navigation Lights & Switches	Masthead & Search Lights
MFD w/GPS and Sounder	Simrad NSS9Evo3 or GO12
Radar	Simrad HALO Dome Radar
VHF Radio	ICOM
AIS	Simrad AIS Class B
Compass	Autonatic Magnetic Compass

Fire fighting

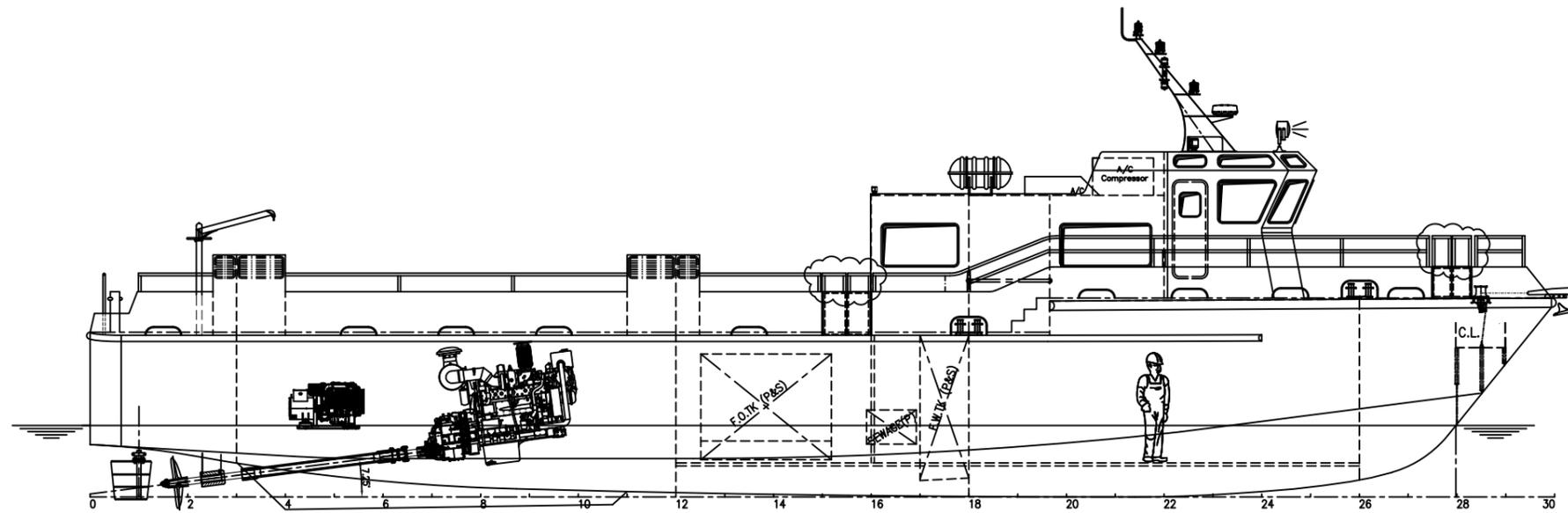
Fire Fighting	8 x 9kg ABC Dry powder 1 x 45litres form trolley 1 x Engine driven pump 1 x Electrical driven pump 2 x 2" x 15m c/w nozzle fire hose
Life Saving	2 * Life raft 8 Lifebuoys
Fire Alarm, Smoke	Fire and Smoke Alarm System

Tank capacities

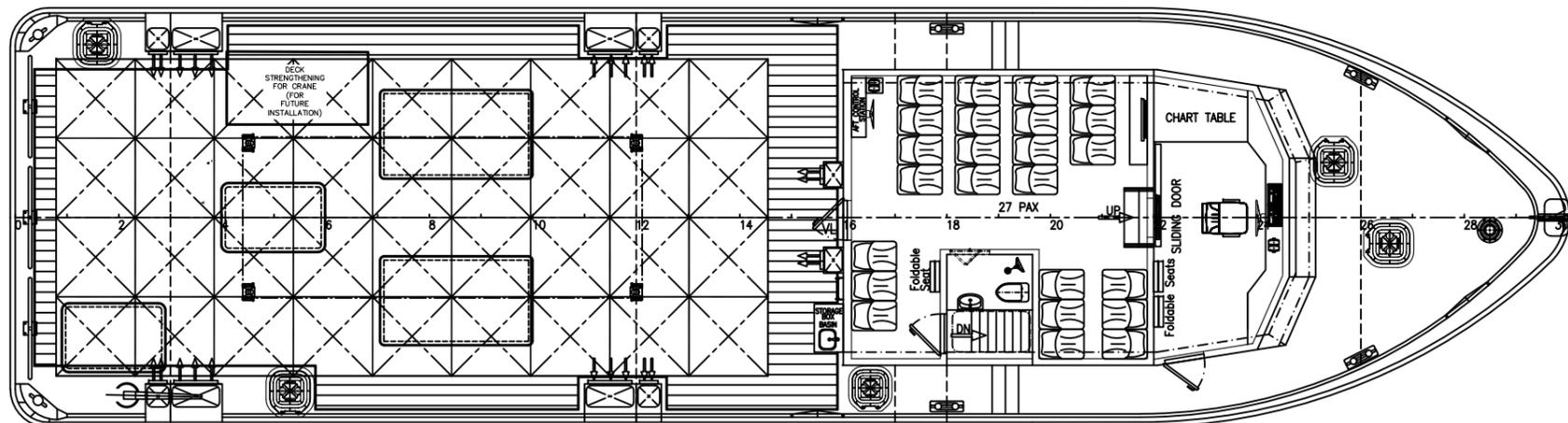
Fuel Oil	12000 Liters
Fresh Water	6000 Liters
Sewage tank	30 Liter

Hull and Superstructure

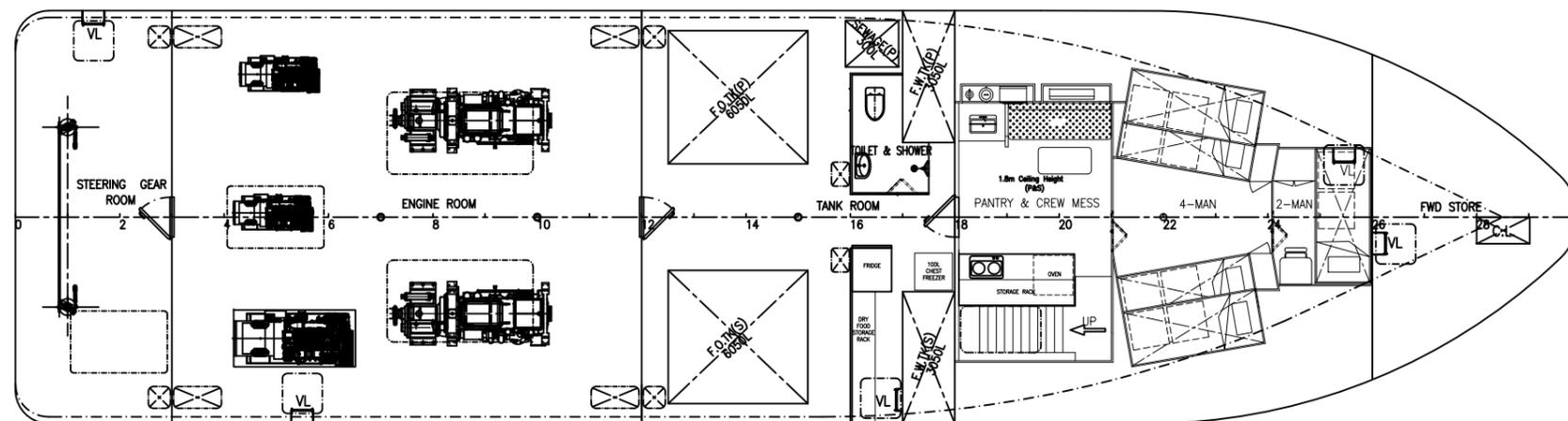
Welded Aluminium Tampered/Toughened Glass	Kapur Timber Deck
Aluminium Bow Rail	Aluminium Side Rail
Fully Welded Strong Aluminium Engine Bed	Helmsman Chair & Commander Chair c/w Base
Accommodation for 6 crew, with toilet, pantry and mess	Non-Slip Deck



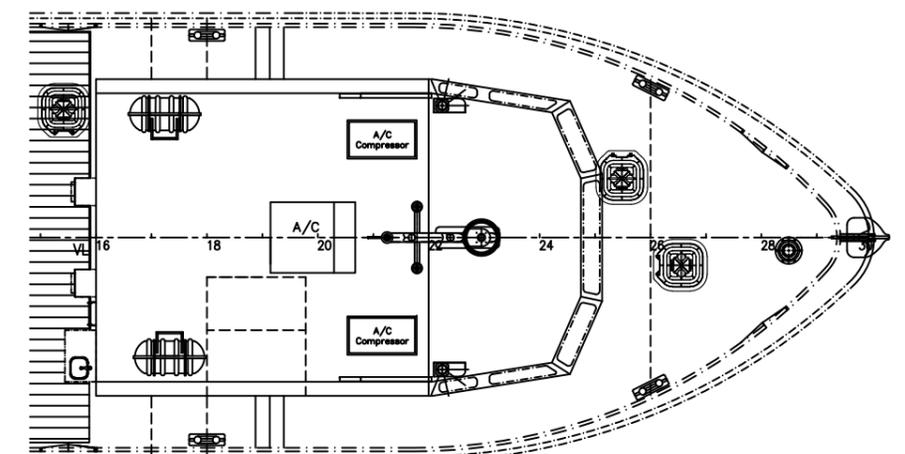
PROFILE



MAIN DECK PLAN



BOTTOM PLAN



TOP OF DECKHOUSE

MAIN DIMENSIONS

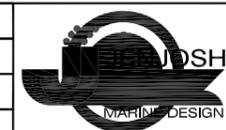
LENGTH O.A. (MLD HULL) 23.500 M
 LENGTH WATERLINE 21.960 M
 BREADTH MLD. 6.200 M
 DEPTH MLD. 2.600 M
 DRAFT (DESIGN) 1.150 M
 SPEED ~18 KNOTS

CAPACITY
 - CREW 6
 - PERSONNEL 27
 - FUEL OIL 2x6000 LITERS
 - FRESH WATER 2x3000 LITERS
 - DECK AREA 53.5 M²
 - DECK LOAD 1.0 T/m²

ENGINE CUMMINS KTA19
 2-SETS 600BHP x1800RPM
 GEAR BOX ZF 2050
 RATIO ~2.519 : 1
 GENERATOR CUMMINS ONAN 27MDKDU
 2-SETS 27kW/415V/50Hz
 CUMMINS MDDCG
 1-SET 50kW/415V/50Hz

CLASS NOTATION BV I \boxtimes HULL • MACH
 LIGHTSHIP-SUPPLY BOAT
 SEA AREA 2

F	AS BUILT	30/06/2022	LITA	Client :	SORA MARINE SERVICES W.L.L.	
E	GENERAL UPDATED.	08/04/2022	GS	Buider:	LITA OCEAN PTE LTD	
D	GENERAL UPDATED EQUIRED BY CLIENT.	30/03/2022	GS	Ship Name:		
C	PASSENGER CAPACITY CHANGED TO 25 PERSONS EQUIRED BY CLIENT.	12/01/2022	GS	Hull No.:	H206	Class ID: BV 41829T
B	CABIN ROOM CHANGED EQUIRED BY CLIENT.	25/10/2021	GS	Project :	23.5 M ALUMINUM CREW SUPPLY BOAT	
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.		



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