

**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	A7A3202
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	300 Liters

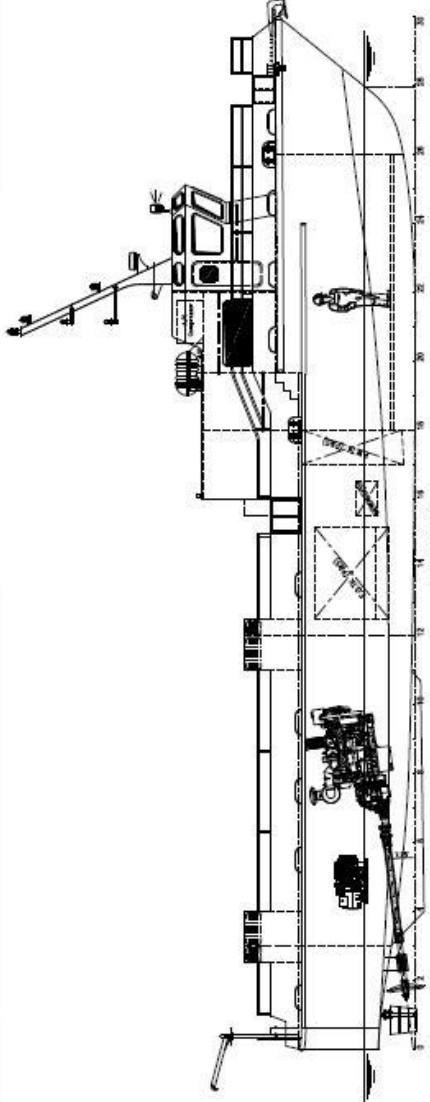
Hull and Superstructure	
Welded Aluminium Tampered/Toughened Glass	Kapur Timber Deck
Aluminium Bow Rail	Aluminium Side Rail
Fully Welded Strong Aluminium Engine Bed	Helmsman Chair & Commander Chair c/w Base
Accommodation for 6 crew, with toilet, pantry and mess	Non-Slip Deck

**MAIN DIMENSIONS**

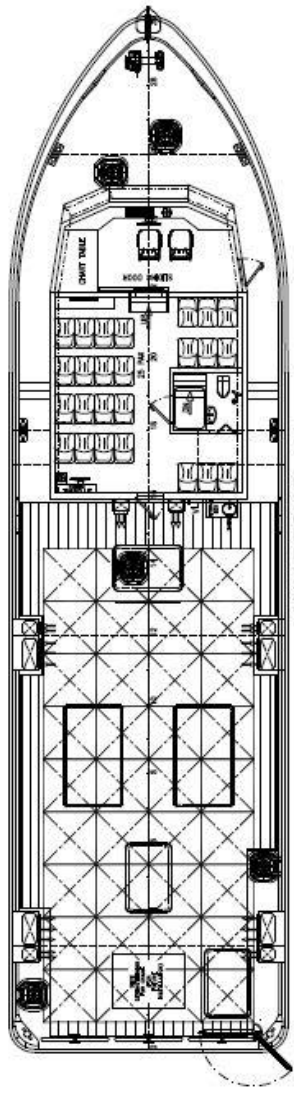
LENGTH O.A. (MLD HULL) 23,500 M  
 LENGTH WATERLINE 21,960 M  
 BREADTH MLD. 6,200 M  
 DEPTH MLD. 2,600 M  
 DRAFT (DESIGN) 1,150 M  
 SPEED ~18 KNOTS  
 CAPACITY

- CREW 6  
 - PERSONNEL 25  
 - FUEL OIL 2x6000 LITERS  
 - FRESH WATER 2x3000 LITERS  
 - DECK AREA 60.0 M<sup>2</sup>  
 - DECK LOAD 1.0 T/m<sup>2</sup>

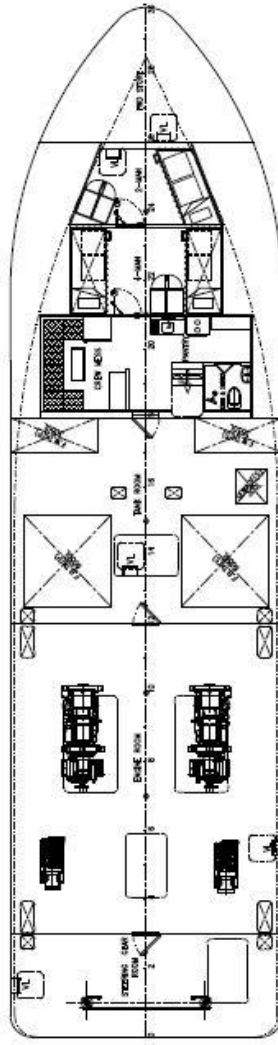
ENGINE CUMMINS KTA19  
 GEAR BOX 2-SETS 600BHP X1800RPM ZF2050  
 GENERATOR RATIO 2.519:1  
 CUMMINS ONAN 27MDKDU  
 2-SETS 27KW/415V/50HZ  
 CLASS BV I HULL • MACH  
 NOTATION LIGHTSHIP / FAST UTILITY VESSEL  
 SEA AREA 2



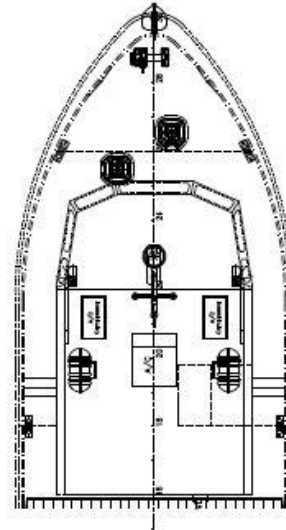
PROFILE



MAIN DECK PLAN



BOTTOM PLAN



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No.	Revised Description	DATE	By
C	ADDED 13 SEATS AND EXTENDED THE SUPERSTRUCTURE	07/05/2021	WIN LU
B	REVISED AS PER OWNER'S REQUEST	13/10/2021	WIN LU

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UNLESS OTHERWISE STATED  
 ALL DIMENSIONS ARE IN  
 MILLIMETRES  
 DO NOT SCALE DRAWING

A3	PLAN	ALUMINIUM	DATE	29/05/2021
WIN LU	DRAWN	CHECKED	CLASS NO.	
GENERAL ARRANGEMENT	TITLE	23.5M ALUMINIUM CREW SUPPLY BOAT	SCALE	1:25
	DWG NO.	LTS-23.5-GA	REV.	C

Particulars are believed to be correct but not guaranteed. Owners reserve the rights to amend the specifications without notifications. Particulars are entirely without warranty as to creativeness and interested parties must inspect vessel's certificates, drawings or physical inspection of vessel.