SORA
Marine Services W.L.L

SORA 33

42 M FAST CREW / UTILITY VESSEL



PRINCIPAL PARTICULARS	
Vessel Name	SORA 33
Year Built	2014
Place Built	Strategic Marine, Singapore
Type of Hull	Steel hull with aluminum superstructure
Flag	Qatar
Call Sign	A7DO
IMO Number	9684407
PAX Capacity	46 Pax
Crew Capacity	12 Pax
Length Overall	42 m
Breadth	8.0 m
Depth	3.65 m
Draft (max)	1.8 m
Classification	Bureau Veritas
Deadweight (S)	101.215 T
GT / NT	322 T / 96 T
Lightship	188.785 T
Max Speed	20 knots
Cruising Speed	18 knots
PERFORMANCE	
Max Speed @100% MCR	20 knots (Approximate)
Economical @85% MCR	18 knots (Approximate)
Endurance @ 85%	4 Days (Approximate)
CARGO CAPACITY	
Clear Deck Space	100 m^2
Deck Strength	3.5 T/m^2
Fuel Oil	58 m^3
Fresh Water	15 m^3

NAVIGATION & COMMUNICATIONS	
Propulsion Control	FWD & AFT Console
Bow Thruster Control	FWD&AFT Console
GMDSS	Area A1&A2
Radar ARPA (X-Band)	1 x Furuno FAR-2117S
SSB Radio	2 x Furuno FM-8800S
GPS Navigator	1 x Furuno GP-150
SART	1 x McMurdo S5 Smartfind
EPIRB	1 x McMurdo E5 Smartfind
VHF Radio	2 x Furuno FM-8800S
Echo Sounder	1 x JMC V-8202
AIS	1 x Furuno FA-150
NAVTEX Receiver	1 x Furuno NX-700A
Magnetic Compass	1 & 1 Spare
GMDSS Walkie Talkie	3 x McMurdo R5 c/w 3 spare batteries
Wind Speed	1 UNIT (Monkey island)
Macro Horn	1 UNIT
PA System	Fitted
CCTV System	Fitted
Electronic Wiper	FWD & AFT
BNWAS	1 x AMI BN-150
MF/HF DSC Transceiver (Main)	1 x Furuno FS-2575
MF/HF DSC Transceiver (Aft)	1 x Furuno FS-1575
SSAS Transmitter	1 x Sailor TT-6120
Emergency Handheld VHF	3 x McMurdo R5 c/w 3 spare batteries
Autopilot	1 x Simrad AP-35

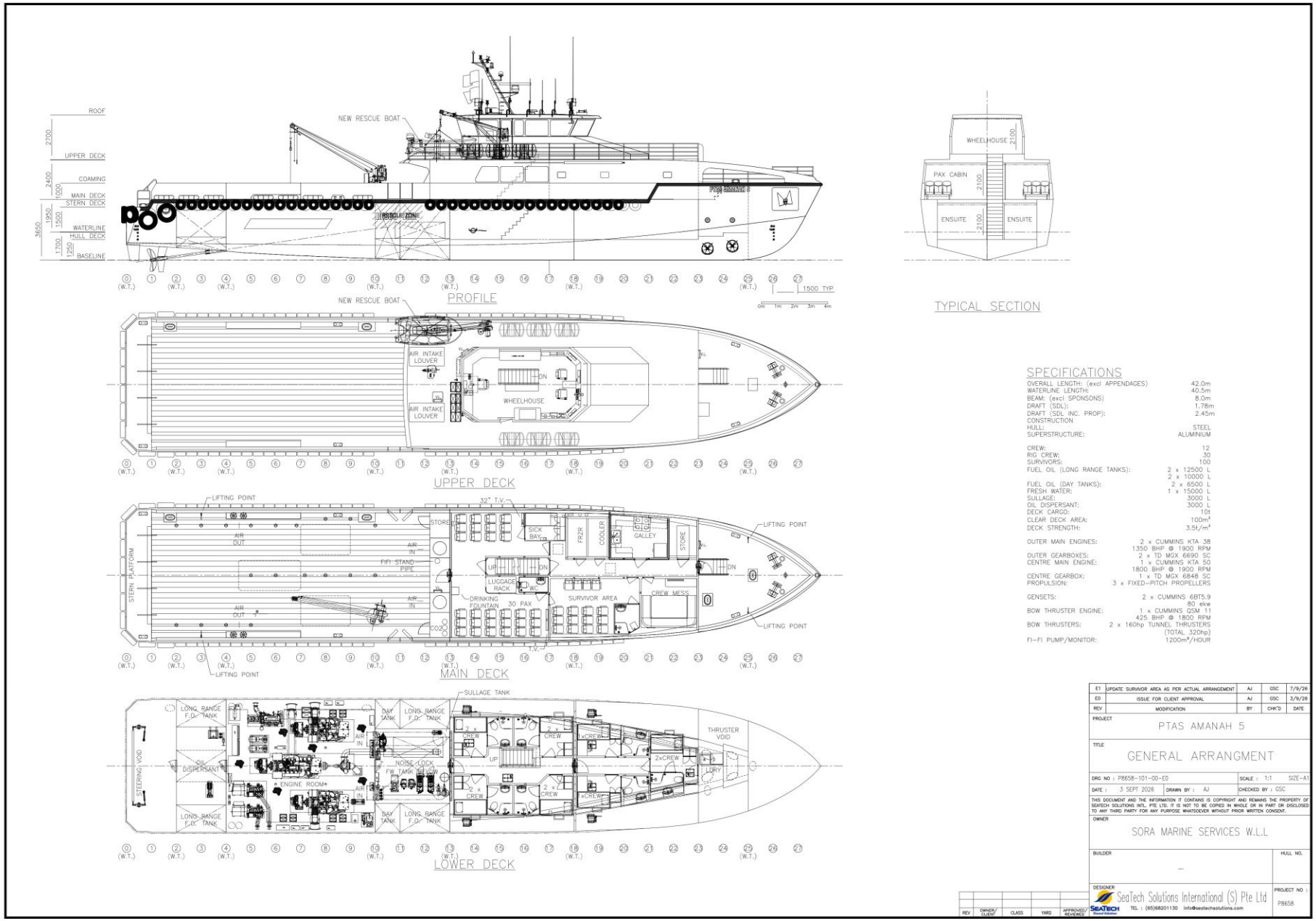
Vessel specifications are given in good faith and are accurate at the time of distribution/print. Owners will not be liable for errors, omissions, or misprints, and reserve the right to amend this specification without prior notification.

SPECIAL CONSTRUCTION NOTE	
Damage Stability	compliance
Half Fifi Upgradability	Center Main Engine
Sea water cooling pump	BRONZE
Fuel oil Purifier	1 unit WESTFALIA
Antifouling System	TBT-free
Fenders	Aircraft Fender at both side
Shaft Seal	LR approved bearing (Orkot) Ø127mm and Ø114.3mm shafts
Engine Room Ventilation	4
Galley	Fully stainless steel
Sewage Tank	3.1 m^3
Dispersant Tank	3.77 m^3
Sludge Tank	3.24 m^3
DECK EQUIPMENT	
Deck Crane	2.5 T single-arm slewing / Ningbo New Marine
Anchors & Chain	2 (Port & Starboard)/ Stockless Anchor (LR Approved) chain Diameter: 24 mm
Anchor Winch	2 units electric wire rope winch
Anchor Windlass c/w Bow	Electric / Hydraulic windlass
Mooring Bits	4 sets (double type)
PUMP CAPACITY	
Fire/GS Pump	30 m^3/hr @ 54 m
Bilge/Ballast Pump	30 m^3/hr @ 54 m Hand pump 60 L/min Submersible pump 15 m^3/hr @3m
Fuel Transfer Pump	20 m^3/hr
Aircond Cooling Pump	15 m^3/hr. @ 15 m
Fresh Water Davey Pump	2 Units (PEDROLLO JSW10)
ENGINES	
Centre Engine (Diesel)	1 x Cummins KTA-50M2, 1800 bhp / 1342 kW @1900 rpm
Side Engines (Diesel)	2 x Cummins KTA-38M2, 1350 bhp / 1006.6 kW each @ 1900 rpm
Bow Thruster Engine	1 x Cummins QSM11-DM, 425 bhp / 324.4 kW @1800 rpm
Generators (Diesel Electric)	2 x Cummins 6BT5.9 / 80 kW each @ 415V / 60 Hz / 3-Phase

LIFE SAVING EQUIPMENT (SOLAS COMPLIANCE)	
Liferafts	(6x25) Shanghai Cunhong
Liferaft H/Static Release	6 x Hammar Disposable HRU
RB	Vanguard VG4.0NSR / 4 m / 1.70 m / 0.75 m / 6 person
RB Davit	DWR11 – Single Arm Davit / SWL: 11 kN
RB Engine	Outboard Diesel Engine
RB Recovery Winch	DWR11 – Single Arm Davit / SWL: 11 kN
Lifebuoy	8
Life jacket	92
Aldis Lamp	1 Unit
Rescue Zone	Port and STBD – Painted yellow and black
Pyrotechnics Equipment	Standard
Remote Search Light (1000W LED)	2 unit FWD & AFT Monkey Island
Emergency Eye Wash & Shower Station	1
Emergency Eye Wash Station	1
FIRE-FIGHTING EQUIPMENT (SOLAS COMPLIANCE)	
Fire Hose Box	7 Set Fire Hose With Jet &Spray Nozzle
Centralized Fire Alarm System	17 Smoke & fire Detectors & 10 call points
Fixed Type High-Pressure CO2 System	**Class Approved Type**
IMDG Compliance	**Yes**
Emergency Fire Pump	**1 set Emergency Fire Pump**
PROPULSION	
Bow Thruster (Tunnel)	2 x Petters-Scandia S-65-160 Twin, 160 bhp / 119.3 kW each @ 820 rpm
Propellers (Centre)	1 x 5-bladed Nakashima fixed pitch, Ni-Al-bronze ø 1350 mm
Propellers (Side)	2 x 5-bladed Nakashima fixed pitch, Ni-Al-bronze ø 1300 mm
Bow Thruster Propeller	2 x 4-bladed Petters fixed pitch
ACCOMMODATION (BERTHS)	
Crew Cabin	5 x 2 men
Crew Cabin	2 x 1 man
Total	12 pax
Air Conditioning	Fully centralized Air Conditioning
Passenger Capacity	46 passengers
Seating Type	Inclining type Business class seat
Toilet & Shower Room	9 Rooms
Luggage Area	1 Shelve
Laundry Equipment	1 washing Machine, 1 Drying Machine

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General Arrangement



SPECIFICATIONS

OVERALL LENGTH: (excl APPENDAGES)	42.0m
WATERLINE LENGTH:	40.5m
BEAM: (excl SPONSONS)	8.0m
DRAFT (SDL):	1.78m
DRAFT (SDL INC. PROP):	2.45m
CONSTRUCTION	
HULL:	STEEL
SUPERSTRUCTURE:	ALUMINIUM
CREW:	12
RIG CREW:	30
SURVIVORS:	100
FUEL OIL (LONG RANGE TANKS):	2 x 12500 L 2 x 10000 L
FUEL OIL (DAY TANKS):	2 x 6500 L
FRESH WATER:	1 x 15000 L
SULLAGE:	3000 L
OIL DISPERSANT:	3000 L
DECK CARGO:	10t
CLEAR DECK AREA:	100m²
DECK STRENGTH:	3.5t/m²
OUTER MAIN ENGINES:	2 x CUMMINS KTA 38 1350 BHP @ 1900 RPM
OUTER GEARBOXES:	2 x TD MGX 6690 SC
CENTRE MAIN ENGINE:	1 x CUMMINS KTA 50 1800 BHP @ 1900 RPM
CENTRE GEARBOX:	1 x TD MGX 6848 SC
PROPULSION:	3 x FIXED-PITCH PROPELLERS
GENSETS:	2 x CUMMINS 6BT5.9 80 ekw
BOW THRUSTER ENGINE:	1 x CUMMINS QSM 11 425 BHP @ 1800 RPM
BOW THRUSTERS:	2 x 160hp TUNNEL THRUSTERS (TOTAL 320hp)
FI-FI PUMP/MONITOR:	1200m³/HOUR

REV	DESCRIPTION	BY	CHK'D	DATE
E1	UPDATE SURVIVOR AREA AS PER ACTUAL ARRANGEMENT	AJ	GSC	7/9/26
E0	ISSUE FOR CLIENT APPROVAL	AJ	GSC	3/9/26

PROJECT: PTAS AMANAH 5

TITLE: GENERAL ARRANGMENT

DRG NO : P8658-101-00-E0 | SCALE : 1:1 | SIZE-A1

DATE : 3 SEPT 2026 | DRAWN BY : AJ | CHECKED BY : GSC

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OWNER: SORA MARINE SERVICES W.L.L

BUILDER: – | HULL NO.

DESIGNER: SeaTech Solutions International (S) Pte Ltd
TEL : (65)68201130 Info@seatechsolutions.com

PROJECT NO : P8658

REV	OWNER/CLIENT	CLASS	YARD	APPROVED/REVIEWED