



OSR FIRST STRIKE

SUPPORT VESSEL
OIL SPILL RESPONSE
EMERGENCY RESPONSE
ENVIRONMENTAL
SURVEY





SUPPORT VESSEL - OIL SPILL RESPONSE

OSR FIRST STRIKE - TECHNICAL SPECIFICATION

GENERAL

Builder/Shipyard	Arena Offshore / Istanbul - Turkey
Designer	Alfa Marine Design
Build	2017 Turkey
Classification	Bureau Veritas (BV) • I+Hull+Machinery, Supply Vessel Oil Product FP>60° - Fire Fighting Ship E • In Water Survey-Cargo Gear Unrestricted Navigation Area (A1+A2)
GRT	386

MAIN PARTICULARS

Length Overall	34.00 m
Length BP	28.11 m
Breadth Moulded	9.80 m
Depth Moulded	3.85 m
Draught	3.23 m

MACHINERY

Main Engines	2 x CATERPILLAR C32 ACERT-1300 BHP @ 1800 rpm
Total Power	2600 BHP
Gearboxes	2 x MASSON (*) Ratio 4:1
Aux Generators	2 x CATERPILLAR C9 DITA, 250 kVA @ 1500 rpm, 50 Hz
Harbour Genset	80 kVA @ 1500 rpm
Bow Thruster	99 kW Electric Driven Bow Thruster
Propellers	2 x ZF 4 Bladed Controlable Pitch Propellers (*)
Steering Gear	DATA Hydraulic Cylinders (*) 2 x 1000 Tm (35 degree / each) Driven by hydraulic power pack

PERFORMANCE

Maximum Speed	13 Knots
Max.Fuel.Consump.	200 L/h each engine
Economical Speed	11 Knots
Eco.Fuel.Consump.	110 L/h each engine
Range	3700 Nm @ 100% MCR

CARGO CAPACITIES

Free Deck Area	125 m ²
Deck Strength	2 Tonnes/m ²
Deck Load	100 Tonnes
Diesel Oil Capacity	170 m ³
Fresh Water Capacity	45 m ³
Container Lashings	For four (4) TEU containers
Recovered Oil Capacity	45 m ³

FIRE FIGHTING

1400 m³/h driven by main engine • 2x Water Monitor, max 10000 L/min • Remote Control Op

DECK EQUIPMENT

Anchor Windlass	2 x Electrical driven windlass, 390 kg / each VHPH Two (2) Anchors
Chain	Chain 330 m / 22 mm Q3 type
Deck Crane	Hydraulic Telescopic Offshore Deck Crane Boom at 8 m Outreach SWL: 3.5 Tonnes • 16 m Outreach SWL: 1.6 Tonnes
Winch	Hydraulic Double Drum Winch • Drum Pull 10 Tonnes / each Wire Capacity (total) 500 m x dia 36 mm • Driving Unit Clutch Control
Stern Roller	3 m Long by 1.5 m diameter steel shaft / roller bearing
Mooring Capstan	2 x 2 Tonnes capacity, driven by electric
A-Frame	20 Tonnes @ 2.5 m Outreach - Hydraulic driven by power pack A-Frame is detachable if necessary

Modular container system for project work can be located on work deck, twist lock refastening for 4 x 20' containers joined.



OIL SPILL RESPONSE

NO-600-S / NO-800-S / NO-1000-R / NO-1200-R / NO-1370-R Combined with FRAMO TRANSREC Skimmer combinations. NO-600-TS and NO-1000-TS OIL TRAWL WITH 10/20/30T containment bladders fitted with FRAMO RECOVERY PUMPS.



EMERGENCY RESPONSE - ENVIRONMENTAL - SURVEY

PUMPS

Bilge & General Service Pump	25 m ³ /h - 30 m total head with self priming
Fire & Bilge Pump	25 m ³ /h - 70 m total head with self priming
General Service Pump	25 m ³ /h - 30 m total head with self priming
Fifi Pump	Engine driven type. Capacity 1400 m ³ /h @ 125 m total head
Bilge Discharge Pump	2 m ³ /h - 70 m total head
Emergency Diesel Fire Pump	25 m ³ /h - 50 m total head
D/O Service Pump	0,5 m ³ /h - 40 m total head
D/O Cargo pump	45 m ³ /h - 50 m total head
F/W Cargo pump	45 m ³ /h - 50 m total head with self priming
Air Compressor	200 L capacity compressor will be installed to supply service air.

RADIO & NAVIGATION EQUIPMENT

Radar	2 set KODEN-MDC 2910P/72n.m. 19" high-resolution color LCD (*)
Echo Sounder	1 set Skipper-GDS 101 (*)
Magnetic Compass	1 set LILEY & GILLIE-SCH105 (*)
Autopilot	1 set SIMRAD-AP28 (*)
GPS Navigator	1 set KODEN-KGP 920 18" true parallel reception, SBAS ready (*)
GMDSS	3 set Sailor-3520 Portable VHF (*)
VHF DSC	2 set Sailor-6222 VHF (*)
SART	1 set Sailor SART II, 9GHz search and rescue transponder (*)
AIS	1 set Sailor 6280 (*)
EPIRB	1 set Sailor 406 satellite 406MHz, Inc.automatic release bracket (*)
BWAS	1 set LILLEY & GILLIE-BNWS (*)
MF-HF DSC SYSTEM	1 set Sailor 6310 (*)
GPS Compass	1 set KODEN-KGC 22 (*)
Chart Plotter	1 set KODEN (*)
Navtex	1 set Sailor 6391 (*)
Speed Log	1 set Walker Speed log (*)
Fleet Broadband	1 set Sailor 250 (*)
Talkback	1 set Zenitel ETB-5 Stations (*)
SP Telephone System	1 set Vingtor-2 Stations (*)
SSAS & LRIT	1 set Sailor 6120 (*)
Air Band VHF	1 set Tron Air Band Portable VHF (*)
Electronic Weather Station	1 set Airmar PB 150 (*)

ACCOMMODATION

Total 25 people
 3 x Single Crew Cabin, 3 x Double Crew Cabin, 1 x Three Crew Cabin,
 2 x Four Crew Cabin, 2 x Mess Room with TV
 1 x Galley with Refrigerator + Hot Plates + Dry Provision Room, Cold Store and Laundry
 Hospital on work deck can be converted to survey or project room
 Fully aircondition with central air handling unit Satellite Entertainment System.

GENERAL FEATURES

Dive Compressor KAP 150 with Nuair LP360 / Nitrox
 Forward & Aft Bridge Control (Bridge / Maneuvering Stations)
 Provision Cold Store 10 m³ (+4 degree)
 Fuel Separator 760 L/h
 Search Light 1000 Watt-Remote Controlled-Fore & Aft
 Tank level gauging system with Cargo D/O & F/W flow meters
 Hot Water System
 Main Engine Maintenance Hatch - 2.50 m x 1.50 m (PS&STB)
 Wood covered deck
 Durable Epoxy paint system by JOTUN
 Deck Electrical Socket (Waterproof) + Container Supply
 Sewage Water Treatment Unit
 CCTV
 Steering & Machinery Space / Mess Room / Bow & Deck
 Alarm Monitoring system for D/O & F/W Tanks's high and low levels



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