

ARAS SALVOR

Tug/Supply/Rescue/Oil Rec/FiFi Vessel



MAIN DESCRIPTION

Vessel	: ARAS SALVOR
Type	: Tug/Supply/Rescue/Oil Rec/FiFi vessel
Classification	: RINA + 1A1, Supply vsl, Sf, FiFi I, Oilrec
Vessel built	: EO 1985 (Trogir Yugoslavia)
Vessel converted	: 1992 (Myklebust Mek. Verksted As)
Port of registry	: İstanbul
Flag	: Türkiye
IMO No:	: 8206961
Call Sign	: TCA8024
MMSI No	: 271052225

STAND BY IN FIELD

Beufort 0-3	: 2,8 t/day. Draft: 4,4 mtr.
Beufort 3-5	: 4,1 t/day. Draft: 4,4 mtr.
Beufort 5-7	: 8,6 t/day. Draft: 4,4 mtr.

MAIN DIMENSIONS

Length o.a.	: 67,65 m
Length p.p.	: 57,00 m
W.L. length, 85%	: 63,30 m
Breadth, moulded	: 14,60 m
Depth, moulded	: 7,00 m
Draft, moulded max	: 5,29 m
Freeboard	: 1,71 m
Gross tonnage	: 1780
Dead Weight	: 1315 DWT (1296mt at 5,0m Draft)
Net Tonnage	: 569

PERFORMANCE/CONSUMPTION

Max Speedad-Consump.	: 16,0 knots - 28,0 t/day. Draft: 4,4 mtr.
Service sp.-Consump.	: 14,3 knots - 13,8 t/day. Draft: 4,4 mtr.
Econ. Speed-Consump.	: 12,2 knots - 10,5 t/day. Draft: 4,4 mtr.

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Sanayi Mahallesi Teknopark Bulvarı No: 1/10C Pendik / İstanbul / Türkiye



CARGO CAPACITY

Dead Weight	: Abt. 1,315 mt at summer draft
Deck Space	: Abt. 300 sqm (28 x 11m)
Deck Cargo	: Abt. 600 tns
Deck Strength	: Statical deck load abt. 5t/sqm

CARGO PUMPS

Fuel Oil	: 2 x 120 cum/h - 8bar
Brine/Liquid Mud	: 2 x 75 cum/h - 18bar
Drill Water	: 2 x 120 cum/h - 8bar
F.W. & Pot Water Dis	: 1 x 120 cum/h - 8bar
Oil Recovery	: 1 x 250 cum/h - 3,8bar. Visk. mm ² /s:1500
Dry Bulk	: 1 x Atlas Copco:GA1207W.(22,5 cum/m free Air Delivery - 5,6 bar - 80PSI)

TANK CAPACITY

Oil Recovery	: Abt. 539 cum
Fuel Oil	: Abt. 676 cum
Pot. Water & F.W.	: Abt. 269 cum
Brine	: Abt. 282 cum, at s.g. 1,15 - 3 tanks
Dry Bulk	: Abt. 170 cum - 4 tanks
Liquid Mud	: Abt. 282 cum, at s.g. 2,4 - 3 tanks
Drill Water	: Abt. 875 cum
Dispergant	: Abt. 6,4 cum
Lub.oil	: Abt. 23,9 cum
Ballast/Drillwater	: Abt. 875 cum

ENGINES AND PROPULSION

Main Engines	: 4 x Pielstick, 6PA6L, 2160 HP/1590 Kw each - 8,640 BHP
Main Gears	: 2 x Citroen CMD 2ERMH 2000, Twin Input Clutch Gears
Main Propeller	: 2 x A.M.Liaaen EG 85/500, Rpm:198,2 Prop.dia:3000mm
Azimuth Thruster	: 1 x Ulstein, Frequec Converted El.dreven Azimuth thruster, Type TCNS73/50-180 (VROS) - 845Kw - 1,000 HP
Bow Thruster	: 1 x Brunvoll, El.driven. SPX-VP, 700HP (515Kw)
Stern Thruster	: 1 x Brunvoll, El.driven. SPX-VP, 500HP (368Kw)
Steering Gear	: 2 x Tenfjord hydr. 2 speed steering gear, (2 pumpon each steering gear)
Rudders	: 2 x Jozo Lozovina Mosir, Spade Balance Rudders.
Speed	: Max. 16,2 knots w/5mtr. draft (Sea Trial Trip)

MANOEUVRING

joystick	: Cjoy Kongsberg
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DECK EQUIPMENT

Deck Machinery	: Hydraulic Brattvag : 2 x tugger winch, type WMA1010 - 10 tons each : 2 x capstans, type CM4185 BR - 6 tons each : 2 x role reel, type AM2202
Deck Crane	: 1 x Schaft el.hydr. telescopic deck crane : Type VHT/2/10000 - SWL 2 tns at 10m. Hoisting Speed: 25mtr/min.
Windlass	: Hydraulic Brattvag, type B9-50-36
Anchor	: 2 x Hall 2-11 2054/2038 kg
Anchor Chain	: PS 25 shackles / Stb 24 shackles diam 37 mm Type U3/A

ANCHOR HANDLING / TOWING WINCH

Type	: Brattvaag - AH-Tow Winch SL150 WX/B2T
Pull/Break	: 150 tns / 250 tns
Wire	:
Towing Drum	: 1000 m, dim 55 mm
A/H Drum	: 350 m, dim 64 mm
Towing Pins	: 2 x Ulstein Nord P-10435
Wire & Chain Stopp	: 2 x Karmoy KW300-400
Stern roller	: 3700 x 2000 mm 350 t capacity

AUXILIARIES

Shaft Generators	: 2 x 1300 KVA each (2 x 1040 Kw.)
Main Generators	: 1 x Caterpillar Type 3512 DTIA1125kW-1800 rpm Serial Nr 24Z07714 : Gen.1.338 KVA (1040Kw.) PS, Arrangement Nr 2 W 8405 : 1 x Caterpillar Type 3508 TA 760 kW, 1800 rpm Serial nr 23Z04111 : Gen. 895KVA (715 Kw.) SB, Arrangement Nr 2 W 8406
Em. Generators	: 1 x Cummins 6BT5.9-62. With Altern. Uljanik, S8034, 125 KVA(99Kw.)
Compressors	: Sperre, (1 x HL2/77 - 2 x HL2/105)

LIFESAVING EQUIPMENT

- 1 x Fast Rescue boat port. "Seabear 26", with Hydramarine Type:A32 Mc 3 Davit.
- 2 x Rescue Scramble nets, along the rescue zones port & starboard.
- 4 x Complete firefighting units, with smokediving equipment and spares.
- 1 x Hospital with treatment bench, racks for stretcher, desk, medicine/poison, lockers, intercom and direct ship to shore-communications, stretchers with winching slings and medical equipment/medicines in accordance to MMA list.
- 1x Dacon rescue scoop.
- Swim and survival suits, together with lifebelts and rafts in full compliance with MMA regulations.
- Survivor capacity for 320 persons.
- Helicopter winch/drop zone on main deck aft.
- Gas detection equipment in accordance with MMA regs.

FIRE FIGHTING EQUIPMENT

This vessel is equipped with FiFi 1,5 class (3 monitors), cap. 3600 m³/hour, type Kvaerner Eureka.

Monitor performance : Length abt. 150m, height abt. 80m.

The entire vessel is equipped with an irrigation system which irrigates the vessel with water at abt. 600 cum/hour.



ANTI - POLLUTION EQUIPMENT

- Spray booms port & stbd
- Tank for storage of dispersant (6,4m3)

OIL REVOCERY EQUIPMENT

- Capacity: 539 cum
- Framo Transrec system 200 in separate garage and arranged for quick mobilisation. Nor Lense Booms-NO-800-R BF4/Sea5M, on revolving winch.
- Length Oil Boom : 210 mtr.

ACCOMMODATION

- Main Deck : 4x1 man cabin, 1x4 man cabin, 1x6 man Laundry, Hospital, Reception, Wardrobe.
 1.Forecastle Deck : 2x1 man cabin, 2x2 man cabin, Mess room. Day room, Provision, Trim room.
 2.Forecastle Deck : 5x1 man cabin (Officers) Air Cond. Room.

COMMUNICATION / NAVIGATION

Radars	: 1x radar x-band - Furuno - 48 nm/15" indicator - Type:FR 1505 D, 3cm - 5kw - 24 V 1x radar s-band - Furuno - 120 nm/28" indicator - Type:FR 2833 S/10cm - 30Kw-220 V ARPA
AIS	: Furuno type FA-100
Satellite Navigator	: Furuno - Type: GPS-500 Mark 2, - Furuno - Type:GPS-32 x 2pcs
Direction Finder	: JMC - Type JMC DF 230
Telex	: Inmarsat C x 2 - Printer OI Microline 280
Navtex	: Furuno - Type NX-500 receiver 518 khz
Echo Sounder	: Simrad - Type: ED 161
Radio Station	: Skanti - Type: SSB. TRP 7201 - 200W
Radio Beacon	: Skanti 400 - 410 Khz - Type TU 8250 B
Watchreceiver	: Sailor - Type: H2042 VHF - DSCV channel 70 - Skanti 2182 Khz - Type: WR 6000
DSC MF/HF Tranceiver	: Skanti - Type DSC 9006
DSC VHF Tranceiver	: Sailor RM2042
Emergency Beacon	: TRON - Type:tron 30 S mk 2 floatfree 121,5/406 Mhz
Radar Transponder	: 2 x TRON - Type:Tron Radar Transponder 9 Ghz
Portable VHF	: Type 2M ASCOM SE 140-162
VHF Direction Finder	: Furuno - Type:FD-527
VHF Radio Telephone	: 2 x Skanti - Type VHF TRP 3012 - 2 x Sailor - Type:RT 2048 - 1/25 W 1 x Sailor - Type:RT 2047 - 1/25 W
Portable VHF Radio Tel	: 3 x Tron VHF 10 channels
Portable UHF	: 3 x Motorola MT 2100
Hospital VHF - Radio Tel (panel)	: Sailor w/headphone and footpedal
Hospital MF/HF - Radiotel (panel)	: Skanti w/headphone and footpedal
Disc Navigator	: Robertson - Type:RDN 50 + Tara Visionary screen. Mounted to 10 cm ARPA radar.
Gyro Compass	: Anchutz std 22
Autopilot	: Anchutz Type 102-837
Speed log	: Ben log PHOCEA N90/490A
Anemometer	: Lambrecht 1453 S2N
Facsimile Receiver	: Furuno Fax 408
Satellite Compass	: Furuno SC 502 x 2 pcs
UPS - Data Backup	: Metric - Type:UPS-PP-600
Mobile Telephone	: 2 x Nokia mobile phone 1 phone number +47 48147830 / 2 phone number +47 41623155
Fax Machine	: OIFAX 2350
E-mail (Irydium) Sailor	: email adress:agat@skyfile.com
PC	: PC support - Type:Pentium - S 120Mhz - 1,281GB/16MB - 17" screen
Printer	: HP
Copymachine	: CANON - Type:MF4120