



AHTS
M.V. AL SADD
"EX- IOS ANDARI I"

PRINCIPAL PARTICULARS

Length Overall	: 56.2 M
Beam Moulded	: 12.2 M
Depth Moulded	: 5.5 M
Draft Designed	: 4.5 M
Summer Load Draft	: 4.50 M
F.O.Capacity	: 339 m3
Cargo Water Capacity	: 551 m3
Pot Water Capacity	: 208 m3
Bulk Tanks	: Liquid mud 186 m3 Cement in bulk 4 x 1000 ft3
Detergent Capacity	: 12 m3
Foam Capacity	: 12 m3
Accommodation	: 20 total, 2x1man, 5 x 2 man, 2 x 4 man

MACHINERY

Main Engine	: 2 x Fuji 8L27-5G each 2400 bhp 2CPP in kort nozzles
Generator	: 2 x Mitsubishi S6B-MPTK 1 x Mitsubishi S^B-MPT
Alternators	: 2 x 250kva 415 V 3ph 50hz 1 x 125kva 415 V 3ph 50hz
Bow Thruster	: 1 x Nakashima CPP thrust / 4.2 tons engine driven

FIRE FIGHTING

Class	: DNV
Pumps	: 2 x 1400 m3/hr at 120m head
Monitors	: 2 fixed x 1200 ms/hr on top wheelhouse
Eductors	: 1 for foam, 1 for dispersant
Spray Booms	: sprinklers' system, spray nozzles provided around accommodation and wheelhouse as per FIFI requirements

Oil Dispersant Spray	: 2 units retractable spraying booms 9m/each with multi adjustable nozzles
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CARGO TRANSFER RATE

Water	: 80 m3/hr at 75 head
Fuel Oil	: 80 m3/hr at 75 head
Bulk	: Liquid mud 60m3/hr at 60 head Cement 21.7 m3/min at 3.2 kg/cm2

PERFORMANCE

Speed	: 10 knots at economy
Fuel Consumption	: 8 mt at econ speed, 11 mt max speed
Deck Cargo	: 550 tons
Clear Deck Space	: 30m x 10m
Bollard pull	: 54 mt

ACCOMDATION

Bed Rooms	: 02 single berth cabins : 05 double berth cabins
Seating Capacity	: 02 four berth cabins : 20 person, fully air-condition

REGISTRATION

Flag	: ST. KITTS & NEVIS
Port	: CHARLESTOWN
Official No.	: SKN 1002686
Class	: DNV (1 Al Tug Fire Fighting Capability)
MMSI No.	: 341304000
Call Sign	: V4ZA2
IMO No.	: 8405050
Year Built	: 1984 / Refurbished (2009)
Hull No.	: 162

Builder	: Ishi ship building Ink, Japan
Tonnage	: GRT 978 tons, NRT: 324
Deadweight	: 1302 tons

ANCHOR HANDLING EQUIPMENT

Tugger Winch	: 2 units Kitakawa capacity 5 tons
Capstan	: 2 X5 tons
Cables	: 460m of 32mm stud link chain each
Anchor	: 2 x 1250 kgs stockless bow anchors
Brake	: 150 tons
Drum capacity	: 1000m x 56mm wire
Stern roller	: 5m x 1.5m dia
Shark Jaw	: 1 x KAM fork + 2 x tow pin
Reefer Connection	: 6W/t power pts, 240V 1ph 50hz 20amps

NAVIGATION EQ

Radar 1	: Furuno Frisvo RDP-119
Radar 2	: Furuno 1832 RDP-118
Radar 3	: Furuno 1721 RDP-098
Gyro compass	: hokusin - cm7200 krn006-3
Magnetic compass	: saura 6pt65ga

GPS	: Furunogp-80 GPR-020
Auto pilot	: Kitako
Echo sounder	: Furuno FE-502 m-11
Navtex receiver	: NAV-5-1855
Chart plotter	: hay\iyang olix HGP-4800
EPIRB	: memurdo 406mh3-66-0489

COMMUNICATION EQ

SSB	: ICOM mc-710-150-00-0102
VHF	: ICOM ic-m302/ICOM ic-m58
VHF	: Furuno fm-8500
Walkie Talkie	: 3 ICOM c-gm15000
GMDSS	: Sea area A3
Mini-m	: Furuno telecom-16
P/A	: Tako- SSA- 120m

This specification is subject to change without prior notification.