

Anchor Handling Tug Supply Vessel - 4,800 bhp

IOS Andari 1

PORT OF REGISTRY: LABUAN, MALAYSIA

Year Built : 1984

Classification: ABS + A1 + AMS + E + FIF1

Dimension: 56.2m x 12.2m x 5.5m

Draft - Light: 2.5, Loaded: 4.5m

GRT/NRT: 978 tons/

DWT: 1302 tons

CARGO CAPACITY

Fuel Oil: 339 m3

Portable Water: 208 m3

Drill Water: 551 m3

Liquid Mud: 186 m3, Cement In Bulk: 4x1000 ft3

Deck Cargo: 550 tons, Clear Deck Space: 26m x 10m

REFRIGERATED STORAGE CAPACITY

Deep Freezer: 12 m3

Cool Room: 14 m3

NAVIGATION EQUIPMENT

Wheelhouse: All round view with ford & aft control console
02 radars, echo sounder, auto pilot, gyro/magnetic compasses, D.F., SSB & VHF transceivers, intercom/PA system, G.P.S., Satnav, GMDSS Walkie Talkie, GMDSS Set.

PROPULSION

Main Engine: 2 x Fuji 8L27-5G each 2400 bhp
2 units CPP in Kort nozzles

Auxilliary Engine: 2 x Mitsubishi S6B-MPTK
1 X Mitsubishi S6B-MPT

Alternators: 2 x 250kva 415V 3ph 50hz
1 x 125kva 415V 3ph 50hz

Bow Thruster: 1 x Nakashima CPP thrust
42 tons engine driven

Water Maker: Two units Sasakura
HR4-03N, HR5-05N, 3.5 tons/day

ANCHORS AND CABLES

2 X 1250 kgs stockless bow anchors with
460m of 32mm stud link chain each

FIRE FIGHTING EQUIPMENT

Pumps: 2 x 1400 m3/hr at 120 m head

Monitors: 2 fixed x 1200 ms/hr on top wheelhouse

Eductors: 1 for foam, 1 for dispersant

Foam Tank Capacity: 12m3, Oil Dispersant Tank Capacity: 12m3

Sprinkler System: Spray nozzles provided around accommodation and wheelhouse as per FIF1 1 requirement

Oil Dispersant Boom: Two units retractable spraying booms 9m/each with multi adjustable nozzles.

Two units break boards

SPEED AND CONSUMPTION

10 knots/8 mt. at economy. 12.5 knots/11mt full at full speed

Intra Oil Supplies Bhd



ACCOMMODATION

02 Single Berth Cabins

05 Double Berth Cabins

02 Four Berth Cabins

Seating Capacity: 20 Persons, Fully Air-Conditioned

ANCHOR HANDLING EQUIPMENT

One unit Kitakawa D.D. waterfall with spooling

L.P. 12 tons

Brake 150 tons

Drum capacity: 1000m x 56mm wire

Two units Kitakawa Tugger winches, Cap 05 tons

Two units 05 tons capstan

Sternroller 5m x 1.5m dia

Shark Jaw: 1 x KAM fork

CARGO PUMP CAPACITY

Fuel Oil: 80m3/hr at 75m head

Portable Water: 80m3/hr at 75m head

Drill Water: 80,3/hr at 75m head

Ballast: 50m3/hr at 40m head

Liquid Mud: 60m3/hr at 60m head

Cement in Bulk: 21.7m3/min at 3.2 kg/cm2

Reefer Connection: 6W/T power pts.

240V 1ph 50Hz 20amps

BOLLARD PULL

54 tons tested June 2004

All Data Stated Herein Have Been Complied With All Possible Care. Howere No Guarantee is Given Of The Correctness Hereof

