

Anchor Handling-Tug Supply Vessel

Temasek Attaka 5,400 BHP

General Ship's Particulars

GENERAL

Port of Registry: Jakarta
Year Built: 2001
Building Place: Singapore
Design: Rolls-Royce Marine UT 719
Classification: DNV+ A1,TV,FFV-Class 1,OSV-AH
AMS,ACCU,DP-1.
LOA : 58.00 m
Call Sign: PNPQ
Official No: 389324
IMO NO: 9242655
MMSI No: 563491000
Dimension: 51.5m x 15.0m x 5.5m
Draft – Light: 3.7m / Loaded: 4.7m
GRT: 1308 / NRT 446 tons

CARGO CAPACITY

Fuel Oil: 455 cu.mtr
Potable Water: 430 cu.mtr
Drill/Ballast Water: 540 cu.mtr
Base Oil/Brine: 210 cu.mtr (2.5 SG)(4 tanks)
Liquid Mud: 105 cu.mtr (2.5 SG)(2 tanks)
Bulk: 4 nos. Total 4400 ft
Deck Cargo: 600 tons
Clear Deck Space: 31m x 12m

REFRIGERATED STORAGE

Freezer: 15 cu.mtr / Chiller 15 cu.mtr

ACCOMMODATION

1 man cabin: 5 nos
2 men cabin: 4 nos
4 men cabin: 3 nos
1 Hospital
Fully Air-Conditioned

NAVIGATION & COMMUNICATION

All round view wheel house
Forward and Aft control (Throttle & Poscon)
Radars, echo sounder, auto pilot, gyro
Magnetic compass, GPS, GMDSS Area A3
Intercom / PA system, E-mail

ANCHOR HANDLING EQUIPMENT

Winch: 1 x Bratvaag Double Drum
Line Pull: 200 tons
Brake: 250 tons
Drum Cap: 1400m x 56 mm wire each
Chain Gypsy: 2 x 75 mm chain
Tugger Winch: 2 x 5 tons
Rope Reel: 2 x 1400 m x 56 mm wire each
Shark Jaw: 2 x Karmoy
Towing Pin: 1 set Karmoy
Capstan: 2 x 10 tons
Stern Roller: 4 m x 2 m dia. SWL 250 tons
Portable Stern Gate

MAIN MACHINERY & PROPULSION

Main Engine: 2 x Wartsila, 2700 BHP each, total 5400 BHP
Propulsion: 2 x CPP in fixed nozzles
Auxiliary Engine: 2 x CAT 3406C, each 371 BHP
Diesel Alternator: 2 x CAT 312 KVA each, 440V/3P/60Hz
Shaft Alternator: 2 x 1600 KVA each, 440V/3P/60Hz
Bow Thruster: 2 x CPP, 8.25T thrust, 700 BHP each

ANCHORS AND CABLES

Anchor: 2 x 1600 kg HHP type
Chain: 2 x 36 mm x 440 M each

CARGO PUMP CAPACITY

Fuel Oil: 2 x 100 cu.mtr / hr at 9 bar
Potable Water: 1 x 150 cu.mtr / hr at 9 bar
Drill Water: 1 x 150 cu.mtr / hr at 9 bar
Liquid Mud/Brine: 2 x 75 cu.mtr / hr at 18 bar
Base Oil: 1 x 100 cu.mtr / hr at 9 bar
Bulk Compressor: 23 cu.mtr / mm at 80 psi
Reefer Power Point: 4 x 440V/3P/50Hz
Sewage Treatment: 1 x IMO/USCG approved 25 persons
Fresh Water Generator: 1 x 5 ton/day

FIRE FIGHTING & ANTI POLLUTION

Pump: 2 x 1500 cu.mtr / hr at 160 m head each
Monitor: 2 x 20,000 ltrs / min with remote control
Eductor: 2 units, 1 for foam and 1 for oil dispersant
Foam Tank: 17.1 m³
Oil Dispersant Tank: 14.4 m³
Sprinkler System: FiFi 1 requirements
Oil Dispersant Boom: 2 x Retractable

BOLLARD PULL

65.25 TONNES

TRIAL SPEED

14.0 knots