

62M 5000 BHP AHTS SEACOR ARAFURA 2000



52 MT BOLLARD PULL FIFI-1 SEACOR ARAFURA 2000

MAIN PARTICULARS

LENGTH OVERALL	61.80 m	203.00 ft
LENGTH BP	53.20 m	175.00 ft
LOADED DRAFT	5.40 m	18.00 ft
BEAM	13.60 m	45.00 ft
SUMMER FREEBOARD	1.02 m	3.35 ft
DEPTH	6.40 m	21.00 ft
LIGHTSHIP	1,827.06 Mt	1,798.20 Lt

CAPACITIES

LIQUID MUD	200.00 M ³	1,258.00 BBLS
FUEL OIL	400.00 M ³	105,669.00 USG
FOAM	9.80 M ³	2,589.00 USG
DISPERSANT	9.80 M ³	2,589.00 USG
BASE OIL	207.80 M ³	54,895.00 USG
DRILL WATER	400.00 M ³	105,669.00 USG
DRY BULK	169.90 M ³	6,000.00 FT ³
POTABLE WATER	150.00 M ³	39,626.00 USG
DEADWEIGHT	1,102.90 MT	1,085.50 LT

CARGO DECK

TONNAGE	600.00 Mt	591.00 Lt
STRENGTH	10.00 Mt/m ²	2,048.20 lb/ft ²
LENGTH	30.00 m	118.11 ft
WIDTH	10.00 m	39.40 ft
CLEAR AREA	300.00 m ²	689.00 ft ²

TONNAGE

GRT	1,476.00 tons
NRT	443.00 tons

MACHINERY

MAIN ENGINES	2 x Yanmar 8N21-EV @ 1,800 BHP x 720RPM 2 x CAT 3412 DITA @ 720 BHP Total 5,040 BHP
BRAKE HORSEPOWER	2 x Yanmar Coaxial Wet Multi Disc YX 1800
GEARBOX	3 x CAT 3406 DITA
AUXILIARY ENGINES	3 x 320 KW
GENERATORS	All generators 240/440V, 3 Phase, 60 Hz
EMERGENCY GENERATOR	1 x CAT 3304DITA, 105KW
PROPELLERS	2 x 4 Blades Fixed Pitch in Kort Nozzle 2 x Water Jet Driven by CAT 3412 DITA of 720 BHP
BOW THRUSTERS	1 x Holland Roerpropeller HRP 400-600 Hydraulic Driven by CAT 3408 DITA giving 368 Kw of 5.5 Metric Ton Thrust Fixed Pitch

TOWING / ANCHOR HANDLING & DECK EQUIPMENT

WINCH TYPE	Double-Drum Waterfall
WINCH MODEL	1 x Brattvag waterfall SL100W-2T
LINE PULL	100 Mt
WINCH WIRE CAPACITY	1000m x 2 inches diameter wire rope
BOLLARD PULL	51.80 Mt
CHAIN STOPPERS	1 x Triplex Shark's Jaw H-200
CHAIN STOPPER CAPACITY	200 tons SWL for 3" chain and wire
TOWING PINS	1 x Triplex Guide Pin S-200, 200 tons SWL
STERN ROLLER	3.50 m x 1.50 m x 150 mt SWL
STORAGE REELS	2 x Brattvag ALM 4106
SPARE TOW WIRE	1 x 1000mm of 2 1/2" dia wire rope
CHAIN CHASER	1 x 110 ton SWL, J type chain chaser
GRAPNEL	1 x 100 ton SWL 2 prong
TUGGER WINCHES	2 x Brattvag WM4110, capacity 10 ton
ANCHOR WINDLASS	1 x Brattvag BMG 22-034 Electro hydraulic
CABLE LIFTER	7.1 Tonnes
ANCHORS	2 x AC 14 high holding powers @ 1250Kg
ANCHOR CHAIN	2 x 12 shackles U2 Stud link 34 mm dia
HYDRAULIC BOLLARD	2 x Triplex P-150 of 150 Mton SWL
CAPSTAN	2 x Brattvag CM4185 @ capacity 10 ton pull at 0 - 20 m/min
CRANE	1 x 3 Ton Hydralift MCV1077, 9 M Outreach Boom

PERFORMANCE

MAXIMUM SPEED	12.5 knots
CRUISING SPEED	10 knots
MAXIMUM FUEL CONSUMPTION	10.5 Mt/day
CRUISING FUEL CONSUMPTION	8.5 Mt/day
ECONOMY FUEL CONSUMPTION	6.5 Mt/day

ACCOMMODATION

UPPER FORECASTLE DECK	2 x 1 Man, 2 x 2 Men, 1 x Office
FORECASTLE DECK	3 x 4 Men, 1 x 2 Men, 1 x Hospital
MAIN DECK	1 x 4 Men, 1 x Galley

CABINS: 7

BERTHS: 24

Lounge: 10
1 x Galley
Main Mess: 10

DISCHARGE RATES

	M ³ /HR @ M	USG/HR	FT
DRILL WATER	150	80	39,626
FUEL	150	80	39,626
POTABLE WATER	150	80	39,626
LIQUID MUD	80	80	21,134
BASE OIL	80	80	21,134
DRY BULK	1536	5.6 bar	54,243 ft ³ /hr 11,696 lb/ft ²

ELECTRONICS & CONTROLS

AUTO PILOT	1 x LMP HSC Litton Marine Auto Pilot
FLEET 77	1 x Thrane & Thrane
DEPTH SOUNDER	1 x Litton Marine ES-5000
GPS	1 x Shipmate RS5800
GYRO COMPASS + REPEATER	1 x SR 180 MK I with automatic North speed correction
RADAR	2 x Decca Bridge Master
RADIO DIRECTION FINDER	1 x Litton Marine
AIS	1 x Furuno
GMDSS	1 x JRC - JSS 800 A3
NAVTEX RECEIVER	1 x Shipmate RS6100
SPEED LOG	1 x SRD 331 Litton Marine
SSB	1 x ICOM
VHF	2 x JRC JNS - 32A
WEATHER FACSIMILE	1 x Litton Marine

FIRE FIGHTING / LIFE SAVING

FIRE MONITORS	2 x Kvaerner Skum EF212E Foam / Water capacity 1200 M ³ /Hr @ 10 Bar Remote Control Joystick FIFI 1 Class
FIRE PUMP	2 x 1,400 m ³ /Hr @ 12 bar, 120 M Head driven by CAT 3412DITA FIFI 1 Class
FIRE EXTINGUISHER	CO ² flooding system in Engine room comp.
FIRE STATION	8 complete with hoses and nozzles
LIFE BUOYS	10 Ring Buoys c/w lights and cordage
LIFE RAFTS	4 x 20 Men, inflatable Life Raft
RESCUE BOAT	1 x Zodiac 8 person c/w 25 Hp Outboard Engine
SPRAY BOOM	2 x 5 m port/starboard fitted with flat nozzles 40 degrees spray angle

DOCUMENTATION

CLASS	ABS *A1, Towing Vessel, Fire Fighting Vessel Class 1, Offshore Support Vessel AH, (E), *AMS
FLAG	Marshall Island
YEAR BUILT	2001
BUILT IN	Singapore
CALL SIGN	V7TU2
OFFICIAL NO.	6985
IMO NO.	9234329

This specification is preliminary and subject to change without notice. Exact tank capacities, deadweight, deck cargo capacity and other figures that have been calculated and may change when the actual vessel is delivered.

r20160720

62M 5000 BHP AHTS SEACOR ARAFURA 2000



52 MT BOLLARD PULL FFI-1 SEACOR ARAFURA 2000

