

Ariosh

Oshe Rewo

82T BP, DP2 Anchor Handling Tug Supply (AHTS) Vessel



Main Particulars

LENGTH OVERALL	67.85 m	LOADED DRAFT	5.40 m
LENGTH BP	60.20 m	DEADWEIGHT	2,261.8 mt
BEAM	16.50 m	OFFICIAL NUMBER	399561
DEPTH	6.80 m	I.M.O NUMBER	9747211

Accommodation

CABINS/BERTHS	19 Cabins/48 Pax
CREW	18 Persons
CLIENTS	30 Persons
LOUNGE	Yes
MESS	Yes

Capacities

DRILL WATER/BALLAST	501.4m3
POTABLE WATER	508.1 Tons
FUEL (MGO)	331.50 m ³ (Bunker)-262.3 m ³ (Cargo)
LIQUID BULK	806.7m3
DRY BULK	230m3 (100%)
BRINE	806.7 Tons (Some Tank With Mud)

Cargo Deck

STRENGTH	7 T/ m ²
CLEAR AREA	450 sq.m
DECK CARGO	850T

Tonnage

GRT	2623 T
NRT	786 T

Machinery

MAIN ENGINES	NIIGATA DIESEL 6L26HLX 2 x 1,471 Kw (2 x 1,972.6 BHP) @750 RPM
BRAKE HORSEPOWER	2 x 2206KW AZIMUTH NIGATA Z-PELLER
REDUCTION GEARS	MITSUI MAKE MACHINERY
GEAR RATIO	HITACHI CLUTH
PROPELLERS	NIIGATA ZP 41 CP
SHAFT GENERATORS	HYUNDAI HRN3.505-88E 2 x 900 Kw (PTI)/980 Kw (PTO) @900 RPM
MAIN GENERATORS	4x994kw Caterpillar C32
EMERGENCY GENERATOR	VOLVO PENTA D9 MG 1 x 230 Kw 440v/3/60 Hz (1 x 308 BHP)
BOW THRUSTERS	CPP NAKASHIMA TCT-165 (12.2 T) 2 x 825 Kw (2 x 1,073 BHP)

Towing & Anchor Handling

WINCH MODEL	ZICOM HYDRAULICS 2 X AHTW 150-150-01.
WORK DRUM LINE PULL	150 T
WORK DRUM WIRE CAPACITY	1200 M/60 MM
TRACTION WINCH LINE PULL	150 T
BOLLARD PULL	82.16 T
CHAIN STOPPERS	Karm fork 300 T
DRUM CAPACITY	200m/60mm (Anchor Handling).
TOWING PINS	ZICOM PTE LIMITED (SWL: 160 T)
STERN ROLLER	1560mm Outer Diameter (SWL:200T)
TUGGER WINCHES	22mm/100m 10 Tons

Performance

MAXIMUM SPEED	13 knots/ 100% RPM
CRUISING SPEED	10 knots/80% RPM
ECO SPEED	8 Knots/60% RPM
MAXIMUM FUEL CONSUMPTION	21.6 m ³ /day
CRUISING FUEL CONSUMPTION	14,8 m ³ /day
ECO FUEL CONSUMPTION	11,1 m ³ /day

Discharge Rates

DRILL WATER	100m ³ / Hr @ 80 m head
POTABLE WATER	100m ³ / Hr @ 90 m head
FUEL	100m ³ /Hr 90 m head
LIQUID MUD	100m ³ /Hr 7.5/15 bar
DRY BULK	2X20m ³ /min @5.6 bar
BRINE	100m ³ /Hr 7.5/15 bar

Special Equipment

CRANE	Palfinger Marine PTM 900S 6.5 SWL 2700KG
SURVIVAL CRAFT	CRVF-Z-25
WINDLASS	ZICOM Model ZIP 1262
RESCUE BOAT	Vanguard Nantong C.O LTD Model VG 60.FRW
EXTERNAL FIFI	FFS Model F 500397B
NUMBER OF MONITORS	2x1200m3/Hr

Electronics & Controls

DYNAMIC POSITIONING	Kongsberg K-POS DP 21
INDEPENDENT	C-Joy JS1
DGPS	2 x DPS 110/112 SW VERSION 4.04.13
GPS	GPS Navigator Model GP 150
GYRO	Gyro Compass Type GC 80/85 SIMRAD
ANEMOMETER	Kongsberg OMC139D
GMDSS	FURUNO
VHF	Furuno Electri FM8900S
RADAR(S)	S-band and X-band, Furuno MU 190
CCTV SYSTEM	Available
WEATHER RADIO	FURUNO FAX 408
DEPTH ECHOSOUNDER	Furuno ElectricModel FE-700

Documentation

CLASS	ABS (AMERICAN BUREAU OF SHIPPING)
FLAG	Singapore
SOLAS	74 AS AMENDED
USCG USCG	5T-107 approval number.162.050/9031.0
YEAR BUILT	2016
OFFICIAL NUMBER	399561
RADIO CALL SIGN	9V2897
BUILDER	POET SHIPBUILDING & ENGINEERING PTE LTD, CHINA

Ship's Communication

E-MAIL:	captain.osherewo@ariosh.com
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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.

