ISTINYE

5380 BHP ANCHOR HANDLING TUG & SUPPORT VESSEL (AHTS)

STANDARD SPECİFİCATION - SOLACE MARITIME FLEET



ISTINYE - SOLACE MARITIME FLEET 64.80 m / 75.00 t

PERFORMANCE

Max Speed	13.0 Knots (31.2 m³/day)
Service Speed	12.0 Knots (24.0 m³/day)
Economic Speed	09.0 Knots (19.7 m³/day)
Bollard Pull	75.00 T (Metric Ton)

PRINCIPAL PARTICULARS

Length Overall (LOA)	64.80 m
Length BP	58.70 m
Breadth Moulded	16.00 m
Depth Moulded	5.80 m
Draft (Max / Operational)	4.90 m / 4.90 m
Deadweight	1,652.76 T
Lightship Weight	1,930.69 t
Registered Tonnage	GRT 1,966 T / NRT 590 T
Summer Freeboard	912 mm

DECK & TOWING / AH EQUIPMENT

Towing / AH Winch	1 Electro-Hydraulic Waterfall Double Drum (150 T Rated Pull)
Towing Drum Wire	56 mm SWR x 1,500 m (Upper & Lower Drum)
Spare Tow Wire	56 mm SWR x 1,000 m
Brake Holding Load	225 T (1st Layer)
Shark Jaw / Tow Pins	Karmfork 2 x 250 T SWL / 1 Pair Retractable (200 T SWL)
Stern Roller	1 x 250 MT SWL (Dia 1,500 mm x L 4,000 mm)
Anchor Windlass	1 Combined Mooring & Windlass (12 T SWL @ 14 m/min)
Anchors & Chain	2 x Hall Anchor (2.1 T) / 38 mm Stud Link Chain (2 x 275 m)
Capstan / Tugger Winch	2 x 5 T @ 15 m/min / 2 x 10 T @ 25 m/min
Deck Crane	Pedestal Crane 14 m x 1.7 T @ 3.0 m - 12.4 m radius

GENERAL DESCRIPTION

Year of Build	2007 (Keel Laid 2006)
Builder	Yangzhou / Dayang Shipyard - China
Flag / Registry	Barbados
Class	RINA
IMO / Call Sign	9372717 / J8B3676
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MACHINERY & PROPULSION

Main Engines	2 x MAK 6M25 (Total 5,380 BHP / 3,960 kW @ 750 rpm)
Main Propulsion	2 x CPP BERG Type 710HX/4 (Dia 2,900 mm in Nozzles)
Bow Thrusters	2 x BRUNVOLL FU-63-LTC-1550 (2 x 500 kW Electric CPP)
Shaft Generators	2 x 880 kW (1,100 kVA @ 750 rpm, 440V 60Hz)
Auxiliary Generators	2 x Caterpillar 3408 (2 x 370 kW / 462 kVA @ 1800 rpm)
Emergency Generator	CAT 3056T (1 x 99 kW / 123.8 kVA @ 1800 rpm)
Gearbox / Steering	2 x REINTJES LAF 2346 / 2 x JASTRAM JQ041281
Fuel / Fresh Water Transfer	120 m³/hr @ 7 bar (each)

CAPACITIES & DECK SPACE

Fuel Oil	613.40 m³
Fresh Water	448.44 m³
Drill / Ballast Water	459.80 m³ (7 Tanks)
Liquid Mud / Brine	395.30 m³ (1 x 75 m³/h @ 7 bar)
Dry Bulk / Cement	174.40 m³ (4 Tanks, Aerzen Compressors)
Dispersant / Foam	19.80 m³ / 19.20 m³
Clear Deck Area	430.00 m² (Length 33.4 m x Width 12.1-13.1 m)
Deck Strength	5.00 T/m²
Deck Cargo Tonnage	800.00 T (0.9 m CG above deck)

EMERGENCY RESPONSES & FIRE FIGHTING

FiFi Classification	FiFi Class 1 with Water Spray System
Fire Monitors / Pump	2 Remote Controlled Monitors / 2,400 m³/hr Pump Capacity
Fire Extinguishers	11 x CO2, 1 x Foam, 44 x DCP (Dry Chemical Powder)
Fast Rescue Craft	1 Rigid FRC with Dedicated Single Arm Davit
Life Rafts / Life Buoys	5 x Life Rafts / 8 x Life Buoys
Life Jackets / Work Vests	33 x Life Jackets / 10 x PFD Work Vests
Rescue Zones	2 Overside Rescue Zones & 2 Scrambling Nets
Oil Dispersant System	2 x Spray Booms, 1 Dispersant Tank @ 19.8 m³

ACCOMMODATION & NAVIGATION

your DP1 setup

Total Accommodation	28 Persons (Complying with ILO 92 / IMO A468)
Passenger Capacity	12 Persons (For Charterer's Use)
Cabin Allocation	6 x Single, 5 x Double, 3 x 4-Men Cabins, 1 x Hospital
Dynamic Positioning	DYNAPOS AM/AT (Class 1 DP System)
GMDSS / Radios	Comply GMDSS A1+A2+A3, 1x SSB, 2x VHF, 3x Handheld VHF
Navigation Equipment	2x Radars (X & S Band), 2x GPS, 1x AIS, 1x ECDIS
Compasses & Autopilot	2x Gyro Compasses (Nav & DP), 1x Magnetic, 1x Autopilot
Emergency / Safety	1x EPIRB, 2x SART, 1x NAVTEX, 2x Wind Indicators

ISTINYE - GENERAL ARRANGMET

