BEBEK

5230 BHP ANCHOR HANDLING TUG & SUPPORT VESSEL (AHTS)

STANDARD SPECIFICATION - SOLACE MARITIME FLEET



SPEED & PERFORMANCE

Max Speed	13.0 Knots
Service Speed	11.0 Knots
Economic Speed	8.5 Knots
Bollard Pull	60 Ton (Metric Ton)

DIMENSIONS & TONNAGE

Length Overall (LOA)	64.00 m
Breadth Molded	14.80 m
Depth	6.20 m
Draft	4.70 m
Deadweight	1,734 MT
Gross Tonnage (GRT)	1,641 MT
Net Tonnage (NRT)	492 MT

DECK & TOWING / AH EQUIPMENT

Main Winch	Electro-Hydraulic / 2 Declutchable Drums (Waterfall)
Rated Pull / Brake Hold	152.7 T x 4 m/min / 200 MT Brake Holding Load
Drum Capacity	1,000 m x Ø 52 mm
Shark Jaws / Towing Pins	SWL 300 T / 1 Pair SWL 160 T
Stern Roller	Ø 3.56 m x 1.0 m (Length) - SWL 283 T
Windlass	1 Combined Mooring & Windlass Winch
Anchors & Chains	2 x High Hold (D-14) 1,590 kg / 2 x (12 SH x 27.5 m x Ø 36 mm)
Tuggers / Capstans	2 x 15 T x 15 m/min / 2 x 5 T x 15 m/min

DOCUMENTATION & GENERAL DESCRIPTION

Vessel Name	BEBEK
Vessel Type	AHTSS - Fi-Fi 1 - 60 Ton (Diesel Electric)
Year of Build	May 2007
Builder	Zamil Shipyard
Flag	Palau
Class	RINA

PROPULSION / MACHINERY & DELIVERY RATES

Main Generators	4 x Yanmar 6N280L-XV - 1,971 kW @ 720 RPM
Propellers	2 x 1,950 kW Aqua-master US 255-CPP
Bow Thrusters	2 x 750 kW Electrical Driven (Diesel Electric)
Emergency Generator	Yanmar 6HAL-H - 221 kW
Fuel / Fresh Water Rate	100 m³/hr @ 5 bar / 100 m³/hr @ 6 bar (and 5 bar)
Drill Water / Brine Rate	100 m³/hr @ 6 bar / 100 m³/hr @ 5 bar
Liquid Mud Rate	100 m³/hr @ 7 bar
Dry Bulk / Cement Rate	780 m³/hr @ 5.5 bar

CAPACITIES & DECK SPACE

Deck Area	320.0 m²
Deck Cargo Strength	5.0 T/m²
Fuel Oil	677.9 m³
Fresh Water	283.5 m³
Drill Water / Ballast	405.8 m³
Dry Bulk / Cement	116.0 m³
Liquid Mud	292.4 m³
Brine	124.9 m³
Foam / Dispersant	N/A / N/A

FIRE FIGHTING (CLASS 1) & SAFETY EQUIPMENT

FiFi System	Class 1 with Water Spray System (Joystick Portable Panel)
Monitors & Range	Cap. 1,200 m³/h, Press 12 bar, Power 7.4 kW / 120 m Range
Pump / Emergency Pump	1,500 m³/h Main / 30 m³/h @ 6.0 bar Emergency
Fast Rescue Boat	1 x FRC - 20 Knots Speed - 15 Persons
Life Rafts	4 x 20 Men
Lifebuoys	8 pcs. (7 Spare)
Life Jackets / Work Vests	37 pcs. (+ 15 Inflatable Life Jackets) / 6 pcs. Work Vests

ACCOMMODATIONS & NAVIGATION / COMMS

Accommodations	19 Pers. (5 Single, 3x2-Man, 2x4-Man, 1 Hospital, Fully A/C)
Radars & GPS	2 Set JRC NWZ-147 / 2 x SIMRAD GN 33
Compasses & Autopilot	1x SIMRAD AR-78 Gyro, 1x TOKIMEC BH-31-1 Mag., SIMRAD AP-50
AIS / Echo / Doppler	1x JRC JHS-182 / 1x FURUNO FE-700 / 1x FURUNO DS-30
GMDSS & Navtex	3 x FURUNO GMDSS / 1 x JRC NCR-330 Navtex
SSB & VHF Radios	1x JRC JSB-196-CM SSB, 2x JRC VHF, 3x Icom IC-M88 Portable
Rig Move & Aviation	2 x Portable Motorola GP328 / 1 x ICOM Aviation Radio

BEBEK - GENERAL ARRANGEMENT

