ALTAY

3600 BHP ANCHOR HANDLING TUG & SUPPORT VESSEL (AHTS)

STANDARD SPECIFICATION • SOLACE MARITIME FLEET



GENERAL DESCRIPTION	
Year of build	2010
Builder	Shin Yang Shipyard SDN BHD
Registry	Palau / Malakal Harbor
Class	RINA
IMO	9555553
Call Sign	9WHX3

PRINCIPAL PARTICULARS	
Length Overall	37.00 m
Breadth Moulded	11.40 m
Depth Moulded	4.95 m
Draft	4.07 m
Deadweight	308 T
Registered Tonnage	GRT 476 T / NRT 143 T

MACHINERY	
Main Engines	2 x Cummins KTA30-M2 (2 x 1342 kW @ 1900 rpm)
Propulsion	Manganese Bronze / 4 Blades Solid with key Dia. 2.20m Fixed Pitch in Kort Nozzle
Bow Thruster	NTA855-M, 261 kW @ 1800 rpm
Main Generator	2 x Cummins 6CTA8.3-D(M), 2 x 164 kW @ 1500 rpm
Sewage Treatment Plant	Southern Chemical, MST-15, 0.9 m³/day
Fuel Oil Transfer Rate	36 m³/hr @ 60m head
Fresh Water Transfer Rate	50 m³/hr @ 50m head

PERFORMANCE	
Max Speed	12 Knots
Service Speed	10 Knots
Bollard Pull	49.86 T

DECK & TOWING / AH EQUIPMENT	
Towing Winch	Double Drum 60 / 7.5 T, 5/24 m/min
Towing Drum Wire	50 mm, 750 m / 750 m
Karm Fork / Tow Pin	100 T / 100 T Marine Equipment
Stern Roller	100 T
Shark Jaw	100 T Marine Equipment
Anchor Windlass	10 T @ 12/15 m/min
Anchors	2 x Stockless Anchor 900 kg
Anchor Chain	30 mm Dia x 27.5 m x 8 Length each side
Capstan	5 T @ 15 m/min
Tugger Winch	5 T @ 15 m/min

EMERGENCY RESPONSES & FIRE FIGHTING	
CO2 System	6 x 45 kg CO2
Fire Hydrants	6 nos
Fire Extinguishers	1 x 45 Ltrs Foam, 2 x 9 Ltrs Foam, 7 x 9 kg DP, 4 x 4.5 kg DP, 1 x 2 kg CO2
Fast Rescue Craft	Rigid Rescue Boat, 6 person, SC45RK, 30 HP Petrol Engine
Safety Equipment	2 BA set, 2 x 15 per Life Raft
H2S Detection	Sensitron MG-400, 4 Sensors

CAPACITIES	
Fuel Oil	333 m³
Fresh Water	77 m³
Freezer & Cooler	0.56 m³ / 0.46 m³
Clear Deck Area	64 m²
Deck Strength	5 T

ACCOMMODATION	
Total Capacity	14 Men
Officers	4 Officers
Ratings	10 Ratings

NAVIGATION & COMMUNICATION	
GMDSS	Comply GMDSS A1+A2+A3
SSB Radio	JRC JSB 196GM
Magnetic Compass	Daiko SR-150RK
Auto Pilot	Furuno NAV pilot-500
Radars	1 x Furuno FM-150 Mark2, 1 x Furuno 1942 Mark2
Echo Sounder	JRC FF50
EPIRB	GME MT403FF-SS03B
NAVTEX Receiver	Furuno NX-700B
Inmarsat C	2 x Furuno Felcom-15
VHF / MF/HF	SR103 / 1 x Furuno FS-1570
GMDSS Handheld VHF	1 x ICOM IC-GM 1600
GPS Navigator	Furuno GP-150
SART	ACR Pathfinder Pro
Wind Indicator	NAVMAN Wind 3150S
Barometer	Hanseatic
AIS	Furuno FA-150