

ASD Anchor Handling Tug

AHT 5115

7820 BHP | 120 TBP



SPECIFICATIONS:

Azimuth Stern Drive Anchor Handling Tug

GENERAL:

Vessel Type:	Azimuth Stern Drive Anchor Handling Tug
Year Built:	2009, Yuexin Ship Building
Classification:	ABS, +A1(E) +AMS, Towing Vessel OSV, FiFi-1, AH
Flag:	VANUATU

DIMENSIONS:

Length Overall:	51.00 m
Beam:	15.00 m
Depth:	6.50 m
Maximum Draft:	7.00 m
Minimum Height:	22.7 m
Freeboard:	0.8 m
Displacement:	2,690 mt
Deadweight:	1,240 mt
Clear Deck Space:	20 x 12 m
Clear Deck Area:	230 m ²
Deck Strength:	5 t/m ²
GT (ITC):	1370 T
NT (ITC):	411 T

CAPACITIES:

Fuel Oil:	780 m ³
Fresh Water:	160 m ³
Drill/Ballast Water:	320 m ³
Oil Dispersant:	8 m ³
Fire Fighting Foam:	8 m ³
Deck Cargo:	200 t

MACHINERY:

Main Engines:	2 x GE 16V228/7FDM16
Total HP:	7,820
Propulsion:	2 x CCP-Z Drive
Kort Nozzles:	2
Bow Thruster Tunnel:	Electric Motor (325kW); Total Thrust: 5.6 mt

POWER GENERATION:

Primary Generators:	3 x CAT C18
Output:	3 x 440 Volts, 60Hz, 420 kw
Emergency Generator:	CAT C4.4
Output:	440 Volts, 60Hz, 72 kw

DECK EQUIPMENT:

Anchors:	2 x 3174 lbs
Windlass:	Single Drum
Anchor Chain:	270 m of 38.1 mm chain per side
Crane:	1.8 t @ 14m
Capstans:	2 x 5 t Electric-Hydraulic
Tugger:	2 x 10 t MacGregor HUW10DL (15m/min)

PERFORMANCE:

Bollard Pull:	120 mt
Max. Speed:	14 Knots
Cruising Speed:	11 Knots
Economical Speed:	8 Knots
Endurance:	9,000 nm @ 12 knots

FUEL CONSUMPTION:

16.9 m ³ /day (190 gph) @ Max. Speed
13.6 m ³ /day (150 gph) @ Cruis. Speed
8 m ³ /day (88.1 gph) @ Econ. Speed
Transfer rates
Fuel Oil: 99.9 m ³ /h @ 51 m
Drill/Ballast Water: 70 m ³ /h @ 50 m

