

# AHTS *Trinity Sea*

105T BP

Standby Rescue, FiFi-1, Ice-1C



“Our People Make the Difference”

# Trinity Sea

## Technical Specification

### GENERAL PARTICULARS

Built	1983/1999
Class	DNV + 1A1, Tug, ICE-1C, Supply Vessel, FiFi-1, SF, HL(2.0)
Registry	Halifax, Canada
IMO	8225486
MMSI	316302000
Call Sign	VCXJ
GRT	2623 t
Net Tonnage	787 t
DWT	2850 t

### DIMENSIONS

Length o.a.	82.15 m
Length b.p.	75.59 m
Breadth	15.96 m
Depth	7.2 m
Draught, max	6.096 m
Freeboard, min	1.1 m

### DECK CARGO

Deck Area	580 m <sup>2</sup>
Deck Load	1,300 t
Dimensions	45.4 x 12.8 m
Deck Strength	5 t/m <sup>2</sup>

### BULK CARGO

	<i>Capacity</i>	<i>Discharge</i>
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Fuel	732 m <sup>3</sup>	120 m <sup>3</sup> /h
Liquid Mud	303 m <sup>3</sup>	100 m <sup>3</sup> /h
Brine	240 m <sup>3</sup>	80 m <sup>3</sup> /h
Base Oil	241 m <sup>3</sup>	100 m <sup>3</sup> /h
Drill water	890 m <sup>3</sup>	160 m <sup>3</sup> /h
Pot Water	400 m <sup>3</sup>	160 m <sup>3</sup> /h
Dry Bulk	185 m <sup>3</sup>	?? bar

### DECK EQUIPMENT

Tugger	2 x 10 t
Crane (1.Stbd)	3.5T @ 12.0m 5.0T @ 8.0m

### PROPULSION

Type	Diesel Mechanical
Main Engines	2 x 5,000 BHP Wartsila
Propellers	2 x 3,650 mm, CP
Generators	1 x 1,072 kW 2 x 1,672 kW (PTO)
Emerg. Generator	1 x 200 kW
Bow Thrusters	1 x 600 BHP Tunnel 1 x 800 BHP Tunnel
Stern Thruster	1 x 900 BHP Tunnel

### AH/TOWING

Bollard Pull	105 t
Winch Type	Triple drum waterfall hydraulic driven winch
Winch Pull	250 T (ea. drum)
Winch Brake	350 T (ea. drum)
Tow/Work wire	658m x 76mm (work) 658m x 76mm (work) 1,180m x 69mm (tow)
Chain Locker	400 m <sup>3</sup>
Karm Forks	2 x 500 t (61-85mm)
Tow Pins	2 x 240 t
Stern Roller	400 t
Storage Reels	2 x 915m x 76mm

### PERFORMANCE

Max Speed	14.5 knots	1.715 m <sup>3</sup> /h
Econ Speed	12.0 knots	1.078 m <sup>3</sup> /h

### STANDBY RESCUE EQUIPMENT

Rescue Class	260 Survivors
FRC	1 x 15 person
Rescue Basket	1 x Dacon Scoop
Fire Fighting	2 x 1,200 m <sup>3</sup> /h monitors

### ACCOMODATION

Cabins	17 Cabins / 26 Persons
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## Office Locations

### Newfoundland

140 Water Street, Suite 1000  
St. John's, NL  
A1C 6H6  
Canada

### Nova Scotia

33 Alderney Drive, Suite 800  
Dartmouth, NS  
B2Y 2N4  
Canada

Chartering Inquiries: [chartering@secunda.ca](mailto:chartering@secunda.ca)

