



Platform Supply Vessel UT705- *Acadian Sea*

GENERAL

Design
Built
Class

UT 705, by Rolls-Royce Marine
1991, Aker Brattvaag Norway, Yard no 49
DNV +1A1 Supply Vessel, SF,EO

MAIN PARTICULARS

LOA	81.9 m
LPP	76.2 m
Breadth Moulded	18.0 m
Depth	7.1 m
Draught	4.97 m (max)
DWT	3082 t
GRT	2610 t
Net Tonnage	783 t

CARGO CAPACITIES

Deck Area	868 m ² (56.0m x 15.5m)
Deck Strength	5 t/m ²
Deck Cargo	2500 t
Crash Rail Height	3.1 m
Fuel	1142 m ³
Potable Water	788 m ³
Drill Water	971 m ³
Liquid Mud	600 m ³ / 3780 bbls
Brine	900 m ³ / 5660 bbls
Base Oil	216 m ³ / 1350 bbls
Dry Bulk (8 tanks)	397 m ³ / 14000 cuft

Stern gate for Ro-Ro operation of cargo

DISCHARGE CAPACITIES

Fuel	1 x 0-250 m ³ /h – 9.0 bar
Potable Water	1 x 0-250 m ³ /h – 9.0 bar
Drill Water	1 x 0-250 m ³ /h – 9.0 bar
Liquid Mud	2 x 0-75 m ³ /h – 15 bar
Base Oil	1 x 0-100 m ³ /h – 9.0 bar
Brine	1 x 0-100 m ³ /h – 9.0 bar
Bulk Compressors	2 x 18 m ³ /min – 80 psi (60-75 t/h-3 bar)

Capable of discharging 2 products simultaneously via port and starboard discharge stations.

Discharge Connections: Avery Hardoll 4" (Fuel/Base Oil). Weco 4" Liquid Cargo. Weco 5" Dry Bulk.

Mechanical agitators in all Liquid Mud tanks.

PROPULSION

Main Engines
Auxillary Engine
Emergency Generators
Shaft Generators
Main Propellers
Bow Thrusters
Stern Thrusters
Rudders

2 x Rolls-Royce Bergen 3300 BHP, Total 6600
2 x Detriot 304 kW, 60 Hz
1 x Cummins 25 kW
2 x 2100 kVA, 440V 60 Hz
2 x Ulstein (Ø=2650mm)
2 x 1000 BHP Tunnel C.P.
2 x 800 BHP Tunnel C.P.
2 x Ulstein High Lift

PERFORMANCE

Max Speed
Daily Consumption

14 knots
15 t @ 14.0 knots
12 t @ 12.0 knots
9 t @ 10.0 knots
4 t @ Stand-By Duties
1 t @ Port

DECK EQUIPMENT

Tugger Winches
Capstans
Deck Crane
Windlass
Anchors
Anchor cable

2 x 9.5 t
2 x 10 t
1 x 2.0 t @ 9 m, Stbd.
1 x 27 t @ 18.5m/min-two drums
2 x 2640 kg
1 x 109m 40mm K3, 1 x 329m 40mm K3

NAVIGATION AND COMMUNICATION

Autopilot
Gyro
GPS
Radars
Main Radio
Inmarsat C
Electronic Charts
Mini-M
GSM

Anshutz
Anshutz
Furuno GP-500
1 x 3cm, 1 x 10cm
GMDSS
Telex
Fitted
Voice, Fax, E-Mail
Phone, Fax

RESCUE EQUIPMENT

Fast Rescue Boat
Fixed Fire Equipment

Seabear 23 for 15 persons
Engine Room CO2

ACCOMMODATION

Max Accommodation
Cabins
Lounges
Messroom
Office
3 Roll Reduction Tanks for comfort

23 Persons
9 x 1 person, 3 x 2 persons, 2 x 4 persons
2, equipped with Sat TV
1 (Main Deck)
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The specifications listed on this data sheet are subject to change without notice and cannot be used for contractual purposes. Up-to-date configurations and specifications will be supplied on request.
