



SPECIFICATION OUTLINE

3,500 DWT OIL BARGE

Classification Notation	DNV ✱ 1A1 BARGE FOR OIL
Flag	ST. VINCENT AND THE GRENADINES
Navigation Areas	Unrestricted (International)
Year Built	April 2001

Dimensions & Capacities	
Length O.A. (FT)	230. 00
Beam MLD. (FT)	60. 00
Depth MLD. (FT)	16. 00
Design Draft (FT)	12. 00
Cargo Oil	>3,500. 00
Tank Capacity (M ³)	
Fuel Tank Capacity	20. 00
(M ³)	
Fresh Water Capacity	>100. 00
(M ³)	

Application

This barge is capable for transportation of high-graded oil product with flash point below 60 degrees as well as other oil products.

Towing Pin & Deck Machinery

Strong Towing eye plates: 1 pair (steel)
 Manual operated winch power: 20KN x 1
 Manual operated winch power: 8KN x 1
 Anchor & Anchor chain:
 Hall's anchor: 500kg x 1
 Anchor wire : ϕ 20mm x 150M
 Naval anchor: 250kg x 1
 Anchor wire :12mm x 100M
 Manual operated horizontal fillis winch 2 sets
 Drum capacities: 200M x 2

Machinery	
Cargo Pump-Actuating Diesel Engine BHP	134
Quantity	Two
Make	Perkins UK
Type	Fan-cooling diesel engine
Cargo Pump Set	
Power	140~460M ³ /hr per set
Quantity	Two
Make	Desmi-Denmark (Anti-Explosion)
Type	Self-Suction & Spray
Marine Genset	30kW/3ph/220, 400V/50Hz
Quantity	One
Make	Cummins USA
Model	Cummins 30XDGBA
Fire Monitor-Acutuating Diesel Engine BHP	70
Quantity	One
Make	HATZ 4M-40-Denmark
Type	Fan-cooling diesel engine

Fire Fighting Equip.

In compliance with SOLAS FIFI requirement
 Fire Fighting Monitor x 2, Driven by Diesel
 1 x Fireman's Outfit; 6 x Life buoy; 6 x Life jacket; inflatable liferaft:6 persons x 2; Portable Extinguisher: 4 x 10L foam, 4 x 8L CO2, 1 x 45L Foam Fire (cart-pushing); 4 x Floating Light; 1 x 12"brass bell; 4 x Fire hose&Nozzle; 6 x Fire bucket; 2 x fire axe; 2 x Sand box;
 Power Fi-Fi General Pump Set : 60M³/h
 Power Emergency Fire Pump Set :25M³/h

Auxiliary Equip.	
Electrical Fuel Pump Set	2.4M ³ /hr, 4kW
Quantity	One
Model	3Gr36 x 4-2.4/25
Spare Manual Fuel Pump Set	1.9M ³ /hr
Quantity	One
Model	CS25Y
Electrical Fresh Water Pump Set	3M ³ /hr, 2.2kW
Quantity	One
Model	1.5CWX-2A
Bilge Pump Set:	
Power	0.75KW x 1
Flow rate	1M ³ /h
1 x Manual Fresh Water Pump	
1 x Sea Water Pump	

Accomodation

1 x 2 Crew Cabin
 Freezer : 2.5M³
 Refrigerator : 2.5M³
 Flameless electric plate & other kitchen utensils, etc.

Air conditioning system

Workshop