



**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

<b>Dimensions &amp; Capacities</b>	
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 <sup>3</sup> )	
Fuel Tank Capacity (M <sup>3</sup> )	20. 00
Fresh Water Capacity (M <sup>3</sup> )	>100. 00

**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 : ϕ20mm x 150M  
     Naval anchor: 250kg x 1  
     Anchor wire :12mm x 100M  
 Manual operated horizontal fillis winch 2 sets  
 Drum capacities: 200M x 2

<b>Machinery</b>	
<b>Cargo Pump-Actuating Diesel Engine BHP</b>	134
Quantity	Two
Make	Perkins UK
Type	Fan-cooling diesel engine
<b>Cargo Pump Set</b>	
Power	140~460M <sup>3</sup> /hr per set
Quantity	Two
Make	Desmi-Denmark (Anti-Explosion)
Type	Self-Suction & Spray
<b>Marine Genset</b>	30kW/3ph/220, 400V/50Hz
Quantity	One
Make	Cummins USA
Model	Cummins 30XDGBA
<b>Fire Monitor-Acutuating Diesel Engine BHP</b>	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 : 60M<sup>3</sup>/h  
 Power Emergency Fire Pump Set :25M<sup>3</sup>/h

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

**1 x Manual Fresh Water Pump**  
**1 x Sea Water Pump**

**Accomodation**  
 1 x 2 Crew Cabin  
 Freezer : 2.5M<sup>3</sup>  
 Refrigerator : 2.5M<sup>3</sup>  
 Flameless electric plate & other kitchen utensils, etc.  
**Air conditioning system**  
 Workshop