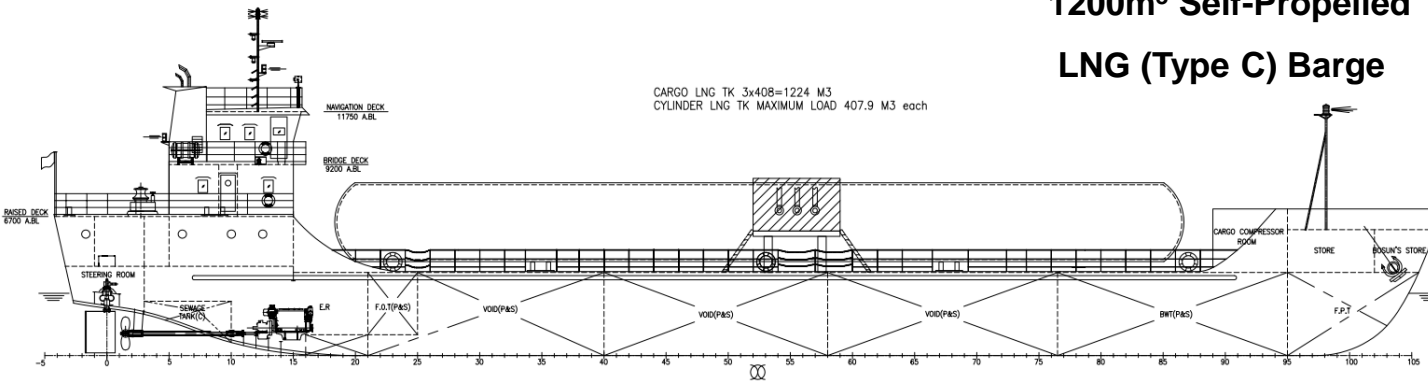


## 1200m<sup>3</sup> Self-Propelled LNG (Type C) Barge



### MAIN PARTICULARS

|                               |  |
|-------------------------------|--|
| Class Notation                | : BV I ✱ I 3 IN (2) Z, LNG bunkering ship/ Ind, ✱ MC |
| Length Overall                | : 66.80 m  |
| Length Between Perpendiculars | : 62.85 m  |
| Breadth Moulded               | : 15.00 m  |
| Depth Moulded                 | : 4.00 m   |
| Design Draft                  | : 3.00 m   |
| Deadweight                    | : 800 tonnes   |
| Gross Tonnage                 | : abt. 1,500   |
| Service Speed                 | : 8 knots @ 3.0m draft with 85% MCR                  |
| Endurance                     | : abt. 10 days                                       |
| Complement                    | : 8 P  |

### CARGO HANDLING SYSTEM

|                                   |  |
|-----------------------------------|--|
| Cargo Pump                        | : 3 x 250 m <sup>3</sup> /hr, deepwell pump                                      |
| LNG Spray Pump                    | : 3 x 2m <sup>3</sup> /hr, submerged pump  |
| Gas Compressor                    | : 1 set, electric driven   |
| Cargo Manifolds                   | : 1 x liquid line, DN 200<br>1 x vapour line, DN 100<br>1 x nitrogen line, DN 25 |
| Vent Mast                         | : 1 set  |
| Cooling System                    | : Water Spray system to cool down LNG tank                                       |
| <u>Options</u>                    |  |
| Bow Thruster                      | : 1 x 150 kW, variable speed motor, FPP  |
| Cargo Crane                       | : 2 x 1 t @ 10 m cargo hose crane,   |
| Nitrogen/Dry Air Generator        | : 1 x 100 m <sup>3</sup> /hr @ 8 bar   |
| Cargo Control & Monitoring System | : Custody Transfer and Measuring System  |

### MACHINERY

|                       |   |
|-----------------------|---|
| <u>Main Engine</u>    |   |
| Main Engine           | : 2 x 430 kW, High Speed<br>MDO fueled Engine |
| Propeller             | : 2 x 4-bladed FPP Propeller                  |
| <u>Generator Sets</u> |   |
| Main Generator        | : 2 x 200 ekW, MDO fueled, 415V/3/50Hz        |

### CAPACITY

|                         |   |
|-------------------------|---|
| LNG Cargo Tanks         | : 1,200 m <sup>3</sup><br>(3 x IMO Type C cylindrical tank, design temp. -163°C, design pressure 3.5 bar) |
| Marine Diesel Oil Tanks | : ≈ 60 m <sup>3</sup>   |
| Fresh Water Tank        | : ≈ 30 m <sup>3</sup>   |

### SAFETY SYSTEM

|                            |                                   |
|----------------------------|-----------------------------------|
| Liferaft                   | : 2 x 10 men, inflatable type     |
| Water Spray System         | : according to IGC Code           |
| Dry Chemical Powder System | : according to IGC Code           |
| Gas Detection System       | : according to IGC Code           |
| CO <sub>2</sub> System     | : according to Rules & Regulation |

### GENERAL ARRANGEMENT

#### PaxOcean Engineering Pte Ltd

1 Kim Seng Promenade, #06-02 Great World City, Singapore 237994

Tel: +65 6733 3500 ♣ Fax: +65 6836 1642 ♣ [marketing@paxocean.com](mailto:marketing@paxocean.com) ♣ [www.paxocean.com](http://www.paxocean.com)

Note: The information and sketches in this document are given in good faith without express, implied or statutory warranty or condition.

