

4,000 - 8,000 m <sup>3</sup> LNG carrier (propeller)	
Length	107.78 m
Breadth	28.00 m
Depth	4.50 m
Design draft	2.00 m
LNG cargo tank capacity	4,000 - 8,000 m <sup>3</sup> at 95%

4,000 - 8,000 m <sup>3</sup> LNG carrier (thruster IMO DPS 2)	
Length	102.90 m
Breadth	24.60 m
Depth	6.00 m
Design draft	2.00 m
Air draft	21.13 m
LNG cargo tank capacity	4,000 - 8,000 m <sup>3</sup> at 95%



## AG&P's ultra-shallow draft LNGC – an industry first

### Features:

- Designed with the forward and aft lines configured into a V-form to reduce the waterline entrance angle and consequently the vessel resistance in waves
- Can be ballasted in open water to improve both stability and speed
- Ultimate deck stiffness and strengthening will be determined to suit final operational envelope and desired class notation

### Yards:

Batangas Heavy Fabrication Yard  
San Roque, Bauan,  
Batangas 4201

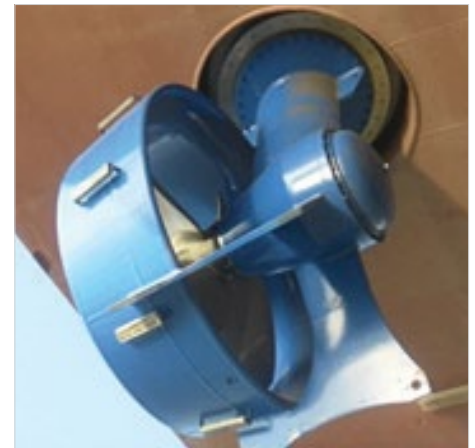
AG&P's full Azimuth Electric Drive IMO DP2 vessel is a workhorse designed specifically to meet the LNG delivery challenges presented by shallow rivers and restricted harbors. With a two meter draft, the workhorse vessel is designed for both seagoing and riverine environments and is able to transfer LNG cargos near shore and offshore. Flexible and economical, the vessel has a speed of eight knots and does not need handling tugs. Its full Dynamic Positioning DP2 designation means versatile operation in any harbor.

### Specifications:

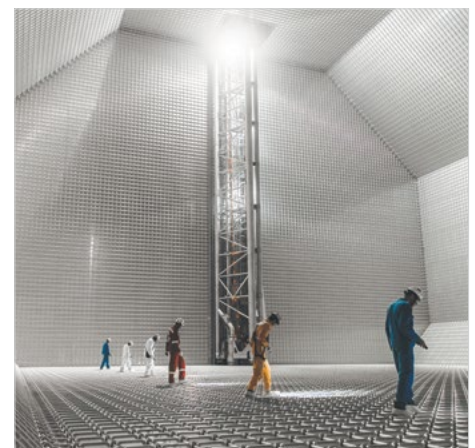
- Vessel propulsion and controls
- Vessel propulsion is provided by 2 x DF 9L20DF engines rated 1665 kW
- Standby generator set of 1 x DF 6L20EF 1065 kW
- Moored vessel can provide 3500 kW shore power through shore interface
- Retractable azimuth thrusters

### Cargo containment system:

- Cargo containment system is GTT MKIII membrane
- BOG 0.45 V% / d: 347 kg/hr
- Single tank with chamfered corners can withstand sloshing loads up to Beaufort Sea State 4/5 without reinforced foam
  - Can discharge LNG into Type C tanks
  - Capable of partial loading



Retractable bow thruster



GTT's unique MKIII membrane

### **Cargo handling system by GAS Entec:**

- BOG handling has an optimized configuration
- Two liquid lines and single vapor return
- LNG Cargo pumps rated at 600 m/hr
- CCS cooled down using spray pump
- CAM system fitted

### **Ordering and delivery:**

- The ultra-shallow draft LNGC has a delivery time of approximately 14-16 months from order placement based on existing design specifications
- The standardized design features save money in engineering, procurement and build
- Capex is significantly optimized
- To discuss your specific requirements please contact [bd@agp.ph](mailto:bd@agp.ph)



### **About AG&P**

Atlantic, Gulf & Pacific Company of Manila (AG&P) is a global leader in infrastructure solutions for energy, natural resources and other industrial companies, delivering state-of-the-art, modularized products and support services to vessels, projects and plants. The company has deep experience in modular manufacturing of E-houses, LNG liquefaction and other process modules, refineries, petrochemical plants and mining operations for blue-chip clients globally. AG&P is now at the forefront of developing small-scale LNG infrastructure. AG&P designs, manufactures, finances, charters, leases, operates and maintains LNG terminals and the supply chains that emanate from them. AG&P leverages its partnerships with leading LNG experts to deliver flexible solutions across the LNG value chain in the shortest possible time with lower capital investment.

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For more information about this project, visit [www.agp.ph](http://www.agp.ph)

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