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### **Harvey Gulf Receives ABS and USCG Approvals**

**(NEW ORLEANS, LA)** – Harvey Gulf International Marine (HGIM) announced today it has received both ABS (American Bureau of Shipping) class functional approval and USCG (United States Coast Guard) design bases approval on a 4,000 cubic meter LNG articulating tug barge (ATB) construction drawing package; the design accounts for ship-to-ship transfer and shore side resupply transfers. HGIM Chairman and CEO Shane J. Guidry said, “The development of this vessel design highlights our commitment to and involvement in the strengthening of the domestic LNG marine fuel market, and our continued commitment to a leadership role in developing a robust supply infrastructure”. Working closely with its design partner Waller Marine, and in conjunction with ABS and USCG HGIM has developed the design package ahead of construction there by minimizing the potential for delays and significant cost impacts to the project during construction. Harvey Gulf continues to lead the United State of America (US) in the domestic marine LNG market, adding to its already substantial involvement in the area. This involvement has been highlighted by delivering the first US vessel to use LNG as a marine fuel “[Harvey Energy](#)” and the development and operation of the first “[LNG Marine Refueling Terminal](#)” in the US at Port Fourchon, Louisiana.

The ATB has an approved design basis and it's design meets all domestic and International requirement of a gas carrier, including the existing regulatory requirements defined in 46 CFR Subchapter D, 46 CFR Subchapter O, the International Code for the Design and Construction of Ships Carrying Liquefied Gases in Bulk, 2016 edition (IGC Code), and applicable American Bureau of Shipping (ABS) Steel Barge Rules: Part 5 Chapter 2 Section 5 Liquefied Gas Tank Barges (as modified per 2016 IGC Code), and ABS Steel Vessel Rules Part 5C Chapter 8 Sections 1-19 (as modified per 2016 IGC Code and referenced within the ABS Barge Rules). "This project and the methodical approach in which it has been developed is very different from any other similar vessel design project undertaken thus far. We are designing a gas carrier the will provided ship-to-ship transfers of LNG to vessels utilizing LNG as a fuel and to do ship-to-shore transfers to small scale marine distribution infrastructure. All while having the ability to load at any Society of International Gas Tanker and Terminal Operators (SIGTTO) compliant off take facility" said Chad Verret EVP of LNG Operation at HGIM.

The design team through its diligence has put together a vessel that has four independent 999 cubic meter type "C" cargo tanks, the ability to load and discharge at a rate of 600 cubic meters per hour and transit speed in excess of 10 knts. The design incorporates a robust fire and safety system concept for both components of the ATB and the independent ability of the vessels to manage situations as they arise. Working together with Wärtsilä, the cargo systems integrator on the complete design, supply, and integration onboard the vessel, assures both functionality and confidence in the operability of the system. Another key design component of the design is the use of a sub-cooler for boil off gas (BOG) management, the teamwork in conjunction with Air Liquide using their Turbo-Brayton Technology (TB 350) as a means to condition the cargo as necessary to manage BOG.

The designs principal particulars are as follows:

ABS Class + A-1 Towing Vessel, + AMS, ACP, SOLAS, UWILD, OCEAN SERVICE  
USCG Sub-Chapter M

Tug Length	128'
Tug Beam	42'
Tug Depth	19'
Horse Power	5,100 bhp

ABS Class + A-1 Liquefied Gas Tank Barge, ITB, UWILD, RELIQ, OCEANS SERVICE

Barge LOA	324'
Barge Beam	64'
Barge Depth	32'6"
Barge Max Draft	16'
Cargo Capacity	3,996 cubic meters

Companies interested in Harvey Gulf's Class-Approved LNG Bunker Barges should contact Chad Verret, Harvey Gulf's Executive Vice President LNG & Deepwater Operations.

Founded in 1955, Harvey Gulf International Marine is a marine transportation company that specializes in providing offshore supply, Crew and multi-purpose construction/ support vessels

for deep-water operations in the U.S. Gulf of Mexico. For more information on Harvey Gulf, please visit [www.harveygulf.com](http://www.harveygulf.com)