Press Release – Singapore’s First Dual Fuelled Bunkering Vessel

Monday April 10, 2018 – The basic and detailed design for Singapore’s first dual fuel propulsion bunkering vessel to be built in Singapore for local bunkering operations is done by SeaTech Solutions.

SeaTech Solutions International (S) Pte Ltd is a leading Ship Design house of Singapore with satellite offices in China, India, Myanmar, Thailand, Vietnam, Malaysia and Korea.

SeaTech has a large database of 77 bunker tanker designs built for Singapore operations, including Singapore’s first diesel-electric bunker tanker in 2012. Based on their extensive experience and large database combined with operational input from their clients, SeaTech customises the design tailored to the operational needs. “With a large database and in depth understanding of the bunkering operational requirements, SeaTech is able to provide our clients with the right customised solution integrating the latest technology.” shares Mr. Prabjot Singh Chopra, VP Technology at SeaTech Solutions.

The design philosophy is to customise for efficient operations and optimising energy efficiency and productivity in operations within the constraints of keeping the building costs low. Accordingly the vessel design is simple, functional, efficient and cost effective.

The 103m long 19m wide BV classed tanker will be equipped with a 55m3 LNG tank and a fuel gas supply system (FGSS) on deck to supply gas to the engine. She is designed with 5 cargo holds, and able to carry 2 grades of cargo oil with a total capacity of approximately 8,700m3 for local bunkering operations.

The vessels are designed to comply with the latest EEDI and MLC regulations, along with OCIMF, International Safety Guide for Oil Tankers and Terminals (ISGOTT) and Exxon Mobil’s Standard Marine Safety.

“We are working on designs with LNG propulsion and cost effective solutions for the LNG bunkering, in line with Singapore’s aims to be LNG bunker-ready by 2020, and we are honoured to be entrusted to design this first LNG fuelled bunker vessel for our valued clients” explains Mr Prabjot Chopra, “We are looking forward to this exciting era of LNG bunkering in Singapore.”

The vessel is expected to be delivered in about 19 months.
Introducing SeaTech Solutions International (S) Pte. Ltd.

SeaTech Solutions International is a leading ship design house incorporated in Singapore since 2000 with satellite offices in China, India, Myanmar, Thailand, Japan, Vietnam, Malaysia and Korea.

SeaTech covers the complete suite of design, engineering and consulting disciplines in-house, having customised over 300 unique ship designs. The 400 vessels sailing around the world carry the distinctive SeaTech design philosophy of customized, functionality, reliability, energy efficiency and sustainability in its ship designs.

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