

Collaboration on development of Ammonia Fueled Ammonia Bunkering Tanker

Singapore – ClassNK, Consort Bunkers Pte Ltd, Daihatsu Diesel Mfg. Co.,Ltd., Daikai Engineering Pte. Ltd., and SeaTech Solutions International (S) Pte Ltd. have concluded a Memorandum of Understanding concerning a joint study on an ammonia fueled ammonia bunkering tanker. The MOU was signed by representatives of all five parties with the presence of an official from Maritime and Port Authority of Singapore at the "Gastech2023" held in Singapore.

Amid expectation for using ammonia fuel in pursuit of shipping decarbonization, bunkering ships for ammonia fueled ships will play an essential role in the supply chain. As such ships are also anticipated to use ammonia as their fuel, the development of ships that can not only transport and supply ammonia to other ships but also use it as fuel in a safe and efficient manner addressing ammonia-related risks, including its toxicity to humans and corrosiveness to materials.

Consort Bunkers operating bunkering ships in Singapore, the world's largest bunkering port, Daihatsu Diesel developing alternative fuel engines including ammonia, Daikai Engineering providing sales of machinery and marine equipment and after-sales service in the Southeast Asian region; ClassNK, a class society involved in the safety assessment of ships; and SeaTech Solutions International designing ships equipped with alternative fuel engines, have all agreed to jointly study the concept design of the ammonia fueled ammonia tanker and the issuance of relevant Approval in Principle (AiP). Under the MOU witnessed by Maritime and Port Authority of Singapore, the five parties will pool their expertise and collaborate toward the realization of decarbonized shipping.

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