

To all members of the press

October 16, 2024

Tokyo Boeki Holdings Corporation

## TBG and NYK had a ceremony held by ClassNK for AiP on Bunkering Boom for Ammonia fuel.

TB Global Technologies (TBG), a group company of Tokyo Boeki Holdings Corporation, had awarding ceremony held by ClassNK for Approval in Principle (AiP) on bunkering boom for Ship-to-Ship supply of ammonia fuel at Gastech 2024, held in Houston, U.S.A. on September 18 (local time September 17) from Nippon Kaiji Kyokai (ClassNK). This presentation ceremony was held in recognition of the world's first\* AiP from ClassNK for the Ammonia bunkering boom jointly developed with NYK-Line (NYK). \* As of 31 July 2024



***The awarding ceremony***

*From right.*

*Tsutomu Yokoyama, Executive Officer, NYK*

*Laurent Poidevin, President and Representative Director, TBG*

*Hayato Suga, Senior Executive Vice President, ClassNK*



***AiP certificate issued by ClassNK***

The bunkering boom for ammonia fuel supply is a device used to safely and efficiently supply ammonia fuel between vessels. Since ammonia does not emit carbon dioxide (CO<sub>2</sub>) when combusted, it is expected to be a next-generation marine fuel that contributes against global warming. Nevertheless, it is highly toxic, so leakage prevention is essential. The bunkering boom developed with NYK combines reliable steel pipe, swivel joints, and hoses for safer and more efficient load handling operations. It also comes with an emergency release system (ERS) that can release the connection between vessels in an emergency, which is designed to minimize the leakage of ammonia even if the ERS is activated. The bunkering boom for ammonia fuels, for which the AiP was awarded this time, will be installed on Ammonia Bunkering Vessel (ABV), which is expected to become popular in the late 2020s. TBG will continue to develop safe and environmentally friendly products and contribute to the realization of a decarbonized society.



Image of ABV (3D model)  
Courtesy of NYK



Ammonia bunkering boom (3D model)

**TB-NIIGATA**

TB Global Technologies, <https://www.tbgtech.co.jp/en/>

For inquiry

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## About Tokyo Boeki Group



Tokyo Boeki Group consists of Tokyo Boeki Holdings Corporation (27F, 2-2-1 Kyobashi Edogrand, Chuo-ku, Tokyo; President: Hideshige Tsubouchi), a holding company, and 16 unique operating companies, 17 in total, both domestic and overseas and celebrated the 76th anniversary of its founding in 1947.

We aim to become a group that continues to provide new value to the world by synergistically enhancing the presence and competitiveness of the entire group while each group company conducts independent corporate activities, based on the "spirit of management participated by all" as the core value, which is the common spirit of the group. Tokyo Boeki Group will continue to innovate under a free and vigorous culture, without fear of change, and contribute to the realization and sustainability of a better society in which all stakeholders can lead safe and secure lives, economies, and social activities.

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