

Oct. 19, 2023

## Hydrogen-fueled Vessel Wins AiP Towards Demonstration Operation

Mitsui O.S.K Lines, Ltd.  
MOL Drybulk, Ltd.  
Onomichi Dockyard Co., Ltd.  
Kawasaki Heavy Industries, Ltd.  
Japan Engine Corporation

Mitsui O.S.K Lines, Ltd. (MOL), MOL Drybulk, Ltd., Onomichi Dockyard Co., Ltd., Kawasaki Heavy Industries, Ltd. (Kawasaki) and Japan Engine Corporation (J-ENG) conducted a risk assessment of a Multi-Purpose Vessel powered by hydrogen, zero-emission fuel and has been granted Approval in Principle (AiP) of parcel layout concept (\*1) from Nippon Kaiji Kyokai (ClassNK).

This is the world's first AiP certification for a ship equipped with a low speed two-stroke hydrogen-fueled engine as the main propulsion engine.



Image of Hydrogen-fueled Multi-Purpose Vessel (D/W 17,500 M.T.)

## AiP Certificate Handover Ceremony

(From left)

Hiroyuki Motoya, Executive Officer/General Manager, Design Department, Onomichi Dockyard

Terumi Moriguchi, Managing Executive Officer, MOL Drybulk

Yoshihiko Sugimoto, General Manager, Technical Division, Technology Innovation Unit, MOL

Masaki Matsunaga, Corporate Officer/Director of Plan Approval and Technical Solution Division, ClassNK

Hideaki Murata, Associate Officer/General Manager, Marine Machinery Business Division, MC /,

Kc

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