



EASTERN CAR LINER, LTD.

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Car Carrier “POSITIVE CHALLENGER” Obtains Notation for Fire Safety Measures for Marine Transportation of Electric Vehicles

Eastern Car Liner Ltd. (“ECL”) is pleased to announce that car carrier “POSITIVE CHALLENGER,” operated by ECL and managed by ECL Shipmanagement Limited, has received Additional Fire-Fighting Measures for Vehicle Carrier (AFVC) certification from Nippon Kaiji Kyokai (“ClassNK”) on September 29, 2024, for marine transportation of electric vehicles (EV).

The certification obtained is the AFVC (FD) (EV) for early fire detection specified in the Guidelines for the Safe Transportation of Electric Vehicles formulated by ClassNK. ECL has adopted a system manufactured by CTD Networks Co., Ltd. (based in Chuo-ku, Tokyo) for the AI camera (HEAT SHIFT™ Fire and Smoke Watcher for Vehicle Carrier) installed in the cargo hold for early fire detection. The system’s latest AI image analysis technology enables early fire detection, even for slight smoke generated in the initial stages of a fire, which was difficult to detect. Moreover, the system also detects any abnormal temperature rise (optional setting of temperature range) before the outbreak of smoke, enabling it to detect fire earlier than with systems using smoke detectors alone. It improves the effectiveness of early firefighting and ensures the safety of the crew and cargo.

ECL will gradually introduce this system in other vessels in its fleet and work to promote fire prevention and ensure safer marine transportation.

[Vessel specifications]

Name of vessel: POSITIVE CHALLENGER

Ship type: Car carrier (Gross tonnage: 43,810)

L.O.A.: 180.00 m/ Breadth: 30.00 m

Max. capacity: 3,930 units

