



January 5, 2023
NS United Kaiun Kaisha, Ltd.

NSU Conducted the Third Biofuel Trial

NS United Kaiun Kaisha, Ltd., with the support of Tata Steel Limited as charterer, conducted the third trial for use of biodiesel-blended marine fuel (biofuel) on a panamax bulk carrier, *RISING WIND*, owned, operated, and managed by our group. In December 2022, the vessel was supplied with biofuel by ExxonMobil Asia Pacific Pte. Ltd. at the port of Singapore, and the trial was conducted on the way to the discharging port of Paradip, India.

The biodiesel used in the trial: FAME (Fatty acid methyl esters) is made from used cooking oil, and is expected to reduce CO₂ emissions throughout the lifecycle compared with conventional fossil fuels, since it recycles oil for disposal. The biodiesel is certified for its sustainability and traceability by International Sustainability & Carbon Certification (ISCC).

Among other alternative fuels, biofuel is a highly versatile low carbon fuel since it enables existing marine diesel engines and other existing bunkering facilities to be utilized without modifications. By adopting multiple solutions including alternative fuels and eco-friendly technologies, we will continue to work on reduction of CO₂ emissions to the supply chain, and contribute to develop a sustainable society.

◆ Vessel's particulars

Name : *RISING WIND*
Flag : Panama
Built : April 2014
Deadweight : 82,151 MT
LOA : 228.99 M
Beam : 32.26 M
Ship Builder : Tsuneishi Shipbuilding Co., Ltd.



For inquiries, please contact:
Toru Fujita, General Manager,
Environment Conservation Promotion Group
(Telephone: +81-3-6895-6610)