

# Greenhouse Gas Emissions Verification Report

**To: Nippon Yusen Kabushiki Kaisha (NYK LINE)**

## 1. Objective and Scope

Japan Quality Assurance Organization (hereafter “JQA”) was engaged by Nippon Yusen Kabushiki Kaisha (NYK LINE) (hereafter “the Company”) to provide an independent verification on “FY2022\* GHG Inventory Report” (hereafter “the Report”) prepared by the Company. The content of our verification was to express our conclusion, based on our verification procedures, on whether the statement of information regarding the GHG emissions in the Report was correctly measured and calculated, in accordance with the “Procedures for GHG Inventory Report, as of May 29, 2023” (hereafter “the Rule”). The purpose of the verification is to evaluate the Report objectively and to enhance the credibility of information regarding GHG emissions in the Report.

\*The FY2022 of the Company ended on March 31, 2023.

## 2. Procedures Performed

JQA conducted verification in accordance with “ISO 14064-3”. The scope of this verification assignment covers Scope 1, 2 and Scope 3 (Category 1, 2, 3, 5, 6 and 7) as GHG emissions. Scope 1 and 2 covered energy-derived CO<sub>2</sub>, CH<sub>4</sub> and N<sub>2</sub>O emissions. The verification was conducted to a limited level of assurance and quantitative materiality was set at 5 percent of the total emissions in the Report. The organizational boundaries of this verification include the domestic and international Group sites (218 domestic sites and 258 international sites), operated vessels (excluding commercial management vessels), and airplanes.

Our verification procedures included:

- Performing validation of integrated functions to check the Rule at the Company
- Visiting two domestic sites: the Head Offices of the Company and Asahi Shipping Co., Ltd. The number and location of sampling sites for on-site assessment were selected by the Company
- For Scope 1 & 2, performing on-site assessment to check the report boundaries, monitoring points, monitoring and calculation system and activity data
- For Scope 3, checking calculation scenario and allocation method; monitoring and calculation system; and emission data against evidence, at the Head Office of the Company.

## 3. Conclusion

Based on the procedures described above, nothing has come to our attention that caused us to believe that the statement of the information regarding the Company’s FY2022 GHG emissions in the Report is not materially correct or has not been prepared in accordance with the Rule.

## 4. Consideration

The Company was responsible for preparing the Report, and JQA’s responsibility was to conduct verification of GHG emissions in the Report only. There is no conflict of interest between the Company and JQA.



Sumio Asada, Board Director

For and on behalf of Japan Quality Assurance Organization

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