



# Nippon Kaiji Kyokai

GHG Ref. No.: 102G

## Verification Statement

IINO Kaiun Kaisha, Ltd.  
Head Office and its Consolidated Organization

Nippon Kaiji Kyokai (hereinafter referred to as "the Society") was commissioned by IINO Kaiun Kaisha, Ltd. (IINO Lines; Head Office location: Uchisaiwai-cho, Chiyoda-ku, Tokyo; hereinafter referred to as the "the Applicant") to assure and verify its GHG Emissions Inventory (ver. 1.6) (hereinafter referred to as "the Report") for the fiscal year 2019 (01 April 2019 to 31 March 2020). The GHG emissions inventory covers direct emissions and energy indirect emissions.

### Scope of Verification Engagement:

The applicant's head office and its group companies including domestic and overseas offices, and all ocean-going vessels and coastal vessels managed by the applicant, excluding vessels for rental.

### Applicable Standards:

- ① ISO14064-1:2006 *Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals*
- ② ISO14064-3:2006 *Specification with guidance for the validation and verification of greenhouse gas assertions*

Note: The applicant's "GHG Data Management Manual ver.4.0 (latest ver.)" has selected the below specifications as the quantification methodologies.

- ① ASSET Monitoring and Reporting Guidelines Ver.9.0 (Ministry of the Environment)
- ② Guidelines for Tokyo Metropolitan Emission Trading Scheme

### Level of Assurance and Materiality:

Reasonable level of assurance (materiality threshold is 5% of the total emissions)

### Summary of GHG inventory for FY 2019

Verified GHG emissions (scope)	Tonnes (CO <sub>2</sub> )
Direct GHG Emissions (Scope 1)	876,661.42
Energy Indirect GHG emissions (Scope 2)	10,718.35
<b>Total GHG Emissions</b>	<b>887,379</b>

### Verification opinion:

In our opinion the report has been prepared, in all material respects, based on the international standard ISO 14064-1. "Direct GHG emissions" and "energy indirect GHG emissions" are calculated in accordance with the selected quantification methodologies.

May 25, 2021

**NIPPON KAIJI KYOKAI**

**Hirofumi Takano,**  
Executive Vice President

\* This Verification Statement is a summary of the appended verification statement (official document), and is valid only when it is published at the same time as the appended verification statement (official document).



# Nippon Kaiji Kyokai

GHG Ref. No.: 102G

## Verification Statement

### IINO Kaiun Kaisha, Ltd. Head Office and its Consolidated Organization

#### Scope of Verification Engagement

This Verification Statement is to be issued to IINO Kaiun Kaisha Ltd. (IINO LINES)

Nippon Kaiji Kyokai (hereinafter referred to as "the Society") was commissioned by IINO Kaiun Kaisha, Ltd. (IINO Lines; Head Office location: Uchisaiwai-cho, Chiyoda-ku, Tokyo; hereinafter referred to as the "the Applicant") to assure and verify its GHG Emissions Inventory (ver. 1.6) (hereinafter referred to as "the Report") for the fiscal year 2019 (01 April 2019 to 31 March 2020). The GHG emissions inventory covers direct emissions and energy indirect emissions.

The Report (final revised Version 1.6), relates to direct GHG emissions (Scope 1) and energy indirect GHG emissions (Scope 2). The Report excludes other indirect GHG emissions (Scope 3).

The scope of the verification engagement includes the applicant's head office and its group companies including domestic and overseas offices, and all ocean-going vessels and coastal vessels managed by the applicant, excluding vessels for rental. The consolidation method of GHG emissions is "Operational Control" in "Control Approach".

Note: The applicant's head office is located in the IINO building of IINO Kaiun Kaisha, Ltd. together with other tenant companies' offices. In calculating the emissions from the applicant's head office, the boundary was defined to include emissions from tenant companies' offices in accordance with the Tokyo Metropolitan Emission Trading Scheme, in which the applicant participates, even though electrical power meters were installed in every floor.

Operational boundaries are set up in such a manner as to account for direct and indirect GHG emissions emitted from activities taking place in the above-mentioned consolidated organizations and ships; GHG emissions are calculated only for CO<sub>2</sub>, and other GHG gases, NO<sub>x</sub>, SO<sub>x</sub>, sinks and reservoirs are out of scope.

#### Applicable Standards:

- ① ISO 14064-1:2006 *Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals*
- ② ISO 14064-3:2006 *Specification with guidance for the validation and verification of greenhouse gas assertions*

Note: The applicant's "GHG Data Management Manual ver.4.0 (latest ver.) has selected the below specifications as the quantification methodologies.

- ① ASSET Monitoring and Reporting Guidelines Ver.9.0 (Ministry of the Environment)
- ② Guidelines for Tokyo Metropolitan Emission Trading Scheme

#### GHG Data Management Responsibility

The applicant was responsible for preparing the Report and for maintaining effective internal controls over the data and information disclosed. In addition, the Society was responsible for carrying out the verification engagement on the Report in accordance with the contract made with the applicant. It is the applicant who, in the final instance, will approve the Report. The report will continue to remain under the applicant's responsibility.

# Nippon Kaiji Kyokai

## Verification Procedure

Verification by the Society has been carried out in accordance with "ISO14064-3 *Specification with guidance for the validation and verification of greenhouse gas assertions*" to provide reasonable assurance that GHG data as presented in the Report have been prepared in accordance with "ISO14064-1: 2006 *Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals.*" ASSET Monitoring and Reporting Guidelines Ver.9.0 and Guidelines for Tokyo Metropolitan Emission Trading Scheme have been selected as the quantification methodologies, and applied only for the related part of monitoring and calculation in the Report.

To form a conclusion, the verification engagement was undertaken as a sampling exercise that included the following:

- Site visit to the applicant's Head Office (Tokyo)
- Interviews with the key personnel responsible for aggregating GHG emissions data and information management and preparation of reports at the above-mentioned site
- Review of the management process of GHG emissions data and information included in the Report
- Verification of the integrity of the information sources available at the visited site and aggregation in the Head Office for GHG emissions performance data and information included in the Report
- Review of the structure and emission source data of ocean-going vessels and coastal vessels
- Review of QA/QC system of BDNs and double-check system at the time of refuelling.

## Level of Assurance and Materiality

The verification opinion declared in this Verification Statement was determined based on a reasonable level of assurance setting the materiality threshold value as 5% of total emissions.

## Verification Opinion

In our opinion the report has been prepared, in all material respects, based on the international standard ISO 14064-1 and "direct GHG emissions" and "energy indirect GHG emissions" are calculated in accordance with the selected quantification methodologies.

## Recommendations for Improvements

- We recommend the development of a new monitoring plan, which would provide for the monitoring and calculation of all types of GHGs and scope 3 emissions.
- We recommend the applicant specify further details on the scope of activities for the different points of each methodology.

May 25, 2021

**NIPPON KAIJI KYOKAI**

Certification Department

  
Kenichiro Yamamoto, Lead verifier

## Summary of GHG inventory for FY 2019

Verified GHG emissions (scope)	Tonnes (CO <sub>2</sub> )
Direct GHG Emissions (Scope 1)	876,661.42
Energy Indirect GHG emissions (Scope 2)	10,718.35
<b>Total GHG Emissions</b>	<b>887,379</b>

- \* This Verification Statement, together with the "the Report" (Ver.1.6) is valid only when both are published at the same time.
- \* This Verification Statement requires that the overall Accounting System of the applicant be subject to review, but it is not meant to assure the appropriateness of the Accounting System.
- \* This Verification Statements is the English translation of the original statement written in Japanese. Only the original Japanese version of this statement is valid for the suit case.