

11th September 2020
IINO KAIUN KAISHA, LTD.

IINO obtained verification statement of third-party verification on a basis of "reasonable level of assurance" for self-quantification to GHG/CO2 emission

IINO KAIUN KAISHA LTD., ("the Company") announced that the Company had third-party verification in compliance with "reasonable level of assurance" for self-quantification to their own group greenhouse gas (GHG) and CO2 emission by ClassNK(ship classification society in Japan) , and received its verification statement.

The company has prepared their GHG emission report overall, in compliance with ISO14064-1 (*1) including GHG emitted by their operating ships by their office buildings (period from 1st April, 2018 to 31st March, 2019). The report verified by ClassNK with "reasonable level of assurance" of ISO14064-3(*2), then the Company obtained verification statement by ClassNK, that they approved its accuracy.

The verification's "reasonable level of assurance" means that ClassNK recognizes that the emissions information as declared in the emission report is "accurate, complete, and meet all of the relevant criteria", and also means that ClassNK, a third-party organization, approved the company's self-quantification of GHG emission as a primary data is accurate and complete.

IINO group set a target of GHG/CO2 reduction as a response to ESG and SDGs, in their mid-term management plan "Be Unique and Innovative. : The Next Stage - Towards 2030". GHG emissions comes from their operating ships and CO2 emissions from their office buildings will be reduced by 40% respectively until 2030(compared to 2008) .

This acquisition of verification statement by ClassNK is significant for the Company in a view of highly transparent and reliable disclosure of information, and the Company will continue to undertake these tasks.

(*1) Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals

(*2) Specification with guidance for the validation and verification of greenhouse gas assertions



Mr. Takano giving Mr. Okada the verification statement

Left: ClassNK Executive Director Executive Vice President Mr. Hirofumi Takano

Right: IINO Senior Managing Executive Officer Mr. Akihiko Okada



Contact : <https://www.iino.co.jp/kaiun/english/contact/form.php>

End



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 2018 (01 April 2018 to 31 March 2019) as the base year. 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.3.0 (latest ver.)" has selected the below specifications as the quantification methodologies.

- ③ ASSET Monitoring and Reporting Guidelines Ver.9.0 (Ministry of the Environment)
- ④ 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 2018

Verified GHG emissions (scope)	Tonnes (CO ₂)
Direct GHG Emissions (Scope 1)	787,681.3
Energy Indirect GHG emissions (Scope 2)	11,590.7
Total GHG Emissions	799,272

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.

July 31, 2020
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).



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 2018 (01 April 2018 to 31 March 2019) as the base year. The GHG emissions inventory covers direct emissions and energy indirect emissions.

The Report (final revised Version1.6), 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 CO₂, and other GHG gases, NO_x, SO_x, 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.3.0 (latest ver.) has selected the below specifications as the quantification methodologies.

- ③ ASSET Monitoring and Reporting Guidelines Ver.9.0 (Ministry of the Environment)
- ④ 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.

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

The applicant is advised to proceed henceforth with the approaches mentioned below. |

- The report does not include other GHGs than CO₂. We recommend the development of a new monitoring plan, which, for the sake of completeness, would provide for the monitoring and calculation of all types of GHGs. Moreover, we suggest the applicant begin to develop ways of calculating scope 3 emissions.

July 31, 2020
NIPPON KAIJI KYOKAI
Certification Department



Takashi Kawamoto, Lead verifier

Summary of GHG inventory for FY 2018

Verified GHG emissions (scope)	Tonnes (CO ₂)
Direct GHG Emissions (Scope 1)	787,681.3
Energy Indirect GHG emissions (Scope 2)	11,590.7
Total GHG Emissions	799,272

* 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.