



2020 年 9 月 11 日

飯野海運株式会社

**当社が算定した温室効果ガス排出量に対し  
合理的保証水準に基づく第三者検証による声明書を取得**

当社は、自社で算定した当社グループの温室効果ガス排出量に対し、一般財団法人日本海事協会（ClassNK）による合理的保証水準に基づいた第三者検証を受け、検証声明書を取得しました。

今回、当社は ISO14064-1（※1）に基づき、当社運航船及び事業所に起因する広範な温室効果ガス排出量の算定報告書（対象期間は 2018 年 4 月 1 日から 2019 年 3 月 31 日まで）を作成しました。作成した報告書に対し、ClassNK による ISO14064-3（※2）の「合理的保証水準」に基づく検証を受け、その内容が正確であることの声明書を取得したものです。

「合理的保証水準」に基づく検証とは、報告書に記載された排出量情報が、「全ての重要な点について適正に表示されていると ClassNK が認める」ことを意味しており、温室効果ガス排出量をコントロールするに当たり、基礎データとなる温室効果ガス排出量の算定方法及びその結果が適正であることを、第三者機関である ClassNK が保証したことになります。

当社グループは、中期経営計画「Be Unique and Innovative. : The Next Stage - 2030 年に向けて -」において、ESG・SDGs への対応として、2030 年に向けて船舶から排出される温室効果ガス及び保有ビルから排出される二酸化炭素の削減率をそれぞれ 40%（2008 年比）とする目標を設定しています。

今回の ClassNK による検証声明書の取得は、その排出量の正確な把握に加えて、透明性・信頼性の高い情報開示の観点からも有意義なものであり、今後も継続して取り組んでまいります。

（※1）ISO14064-1：組織における温室効果ガス排出量の算定ルールを定めた国際規格

（※2）ISO14064-3：温室効果ガス算定の妥当性確認・検証に関するルールを定めた国際規格



ClassNK 業務執行理事 常務理事 高野裕文氏（左）より  
検証声明書を授与される当社 代表取締役 専務執行役員 岡田明彦（右）



本件に関するお問い合わせ先： SR 広報部 03-6273-3069

<電話へのお問い合わせについて>

現在当社では一部在宅勤務体制を取っており、代表電話（03-6273-3069）へのお問い合わせに対して十分な対応ができない場合がございます。お問い合わせの際はできる限り問い合わせフォームをご利用いただきますようお願いいたします。

問い合わせフォーム： <https://www.iino.co.jp/kaiun/contact/form.php>

以上



## 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 <sub>2</sub> ) |
|---|---------------------------|
| Direct GHG Emissions (Scope 1)          | 787,681.3                 |
| Energy Indirect GHG emissions (Scope 2) | 11,590.7                  |
| <b>Total GHG Emissions</b>              | <b>799,272</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.

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 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.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 CO<sub>2</sub>. 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 <sub>2</sub> ) |
|---|---------------------------|
| Direct GHG Emissions (Scope 1)          | 787,681.3                 |
| Energy Indirect GHG emissions (Scope 2) | 11,590.7                  |
| <b>Total GHG Emissions</b>              | <b>799,272</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.