



Nippon Kaiji Kyokai

GHG Ref. No.: 0048G

## Verification Statement

### Evergreen Marine Corp.(Taiwan) Ltd.

Nippon Kaiji Kyokai (hereinafter referred to as "the Society") was commissioned by Evergreen Marine Corp.(Taiwan) Ltd. (Head Office location: Taoyuan County, Taiwan; hereinafter referred to as the "the Applicant"), to assure and verify its CCWG CO<sub>2</sub> and SO<sub>x</sub> emission data report dated 22<sup>nd</sup> March 2019 in the Turnkey system (hereafter referred to as "the Report") for the fiscal year 2018 (01<sup>st</sup> January 2018 to 31<sup>st</sup> December 2018).

#### Target Ships:

All container vessels (173 vessels) operated by the applicant.

#### Applicable Standards:

- ① BSR CCWG-Procedure and guidance for verifying the CO<sub>2</sub> and SO<sub>x</sub> emissions data submission
- ② ISO 14064-3:2006 Specification with guidance for the validation and verification of greenhouse gas assertions

#### Level of Assurance and Materiality

The opinion expressed in this Assurance Statement has been formed on the basis of a limited level of assurance and to the qualitative materiality of the professional judgement of the verifier.

#### Verification Opinion

Based on our verification procedure nothing has come to our attention that would cause us to believe that the report is not materially correct, or has not been prepared in accordance with the CCWG methodologies.

March 29, 2019  
NIPPON KAIJI KYOKAI

Hirofumi Takano  
Director

\* 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).



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## **Verification Statement**

### **Evergreen Marine Corp.(Taiwan) Ltd.**

#### **Scope of Verification Engagement**

This Verification Statement is issued to Evergreen Marine Corp.(Taiwan) Ltd.

Nippon Kaiji Kyokai (hereinafter referred to as "the Society") was commissioned by Evergreen Marine Corp.(Taiwan) Ltd. (Head Office location: Taoyuan County, Taiwan; hereinafter referred to as the "the Applicant"), to assure and verify its CCWG CO<sub>2</sub> and SO<sub>x</sub> emission data report dated 22<sup>nd</sup> March 2019 in the Turnkey system (hereafter referred to as "the Report") for the fiscal year 2018 (01<sup>st</sup> January 2018 to 31<sup>st</sup> December 2018). The data submission covers the full reporting period and 173 vessels (owned and chartered) operated by the carrier, excluding spot charter vessels hired for less than six months. The scope of work for the verification covers data reported for CO<sub>2</sub> and SO<sub>x</sub> and relates to the data used to calculate the direct vessel specific CO<sub>2</sub> emission factors according to the CCWG CO<sub>2</sub> methodology (gram CO<sub>2</sub>/ TEU × Km) and SO<sub>x</sub> emissions.

#### **Applicable Standards:**

- ① BSR CCWG- Procedure and guidance for verifying the CO<sub>2</sub> and SO<sub>x</sub> emissions data submission
- ② ISO 14064-3:2006 Specification with guidance for the validation and verification of greenhouse gas assertions

#### **CCWG Data Management Responsibility**

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

#### **Verification Procedure**

Verification by the Society has been carried out in accordance with "BSR CCWG- Procedure and guidance for verifying the CO<sub>2</sub> and SO<sub>x</sub> emissions data submission" and ISO 14064-3:2006 Specification with guidance for the validation and verification of greenhouse gas assertions.





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

- Site visit to the applicant's Head Office (Taoyuan County)
- Interviews with the key personnel responsible for aggregating CCWG data, data management and preparation of reports at the above-mentioned site
- Verifying the effective implementation of the system for collecting and reporting emissions data and information for the sampled vessels
- Sampling vessel emissions data, and cross-checking the data against the carrier database and other supporting documentation made available during the desk review and office audit.

### Level of Assurance and Materiality

The opinion expressed in this Assurance Statement has been formed on the basis of a limited level of assurance and to the qualitative materiality of the professional judgement of the verifier.

### Verification Opinion

Based on our verification procedure nothing has come to our attention that would cause us to believe that the report is not materially correct, or has not been prepared in accordance with the CCWG methodologies.

### Recommendations of Improvements

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

- 1) We recommend company may consider implementing familiarization training to crew members who is responsible to recording Abstract log and Shipmenthub system to ensure consistency of raw data and Shipmenthub system.

Nippon Kaiji Kyokai March 29, 2019  
Certification Services Planning Department

Lead verifier:

T.F.Hsu