



# INDEPENDENT ASSURANCE OPINION

Statement No.:  
C533324-2021-DNV-TWN

Issued date:  
08 April, 2022

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This is to verify the reported Clean Cargo Working Group (CCWG) CO<sub>2</sub> and SO<sub>x</sub> data submission (2021) of

## YANG MING MARINE TRANSPORT CORP.

### Scope of Verification

DNV Business Assurance (hereafter "DNV") has been commissioned by YANG MING MARINE TRANSPORT CORP.(hereafter "YM") to perform a verification of the reported data of the reported Clean Cargo Working Group (hereafter "CCWG") CO<sub>2</sub> and SO<sub>x</sub> emissions, environmental management systems, and transparency submission for the year ended of 31<sup>st</sup> Dec., 2021 (hereafter "the Reported Data" or "the Data Submission").

### Verification Criteria and GHG Programme

The verification was performed on the basis of CCWG's assurance methodology "Procedure and guidance for verifying the CO<sub>2</sub> and SO<sub>x</sub> emissions data submission Version 3.0", which is based on CCWG's professional experience, as well as criteria given to provide for consistent GHG emission identification, calculation, monitoring and reporting.

The verification was conducted in accordance with recognized international standards in this area, in particular ISO 14064-3 "Specification with Guidance for the Validation and Verification of Greenhouse Gas Assertions".

### Verification Statement

It is DNV's opinion that with limited assurance, on the basis of the verification undertaken, nothing came to our attention to suggest that the Reported Data downloaded in March 28<sup>th</sup>, 2022 does not properly describe YM's adherence to the verification criteria identified as stated above. In terms of reliability of the performance data, nothing came to our attention to suggest that these data have not been properly collated from information reported at operational level, nor that the assumptions used were inappropriate.

For and on behalf of DNV Taipei Office  
Hsiantin Tim Kuo  
GHG Verifier

Place and date:  
Taipei, 08 April, 2022

For the issuing office:  
DNV Business Assurance Co., Ltd.  
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Taiwan

Management Representative



## Supplement to Statement

### Process and Methodology

The reviews of the Data Submission and the subsequent follow-up interviews have provided DNV with sufficient evidence to determine the fulfilment of stated criteria. The verification process including,

- Desk review: Initial review of data submitted in the CCWG system and supporting documentation, including completeness check and review of the methodology used.
- Office audit:
  - Review of monitoring and reporting processes,
  - interview with personnel responsible for the aggregation and submission of CO<sub>2</sub> and SO<sub>x</sub> emissions data and qualitative information, and sampling of historical data.
  - Verify the effective implementation of the system for collecting and reporting emissions data and information for the sampled vessels,
  - Sample vessel emissions data, and
  - Cross-check the data against the carrier database and other supporting documentation made available.

In this stage, DNV verified eight (8) sampling vessels within ninety-five (95) vessels in total.

- Final review and audit report: Final review of data submitted in the system after corrections and audit report stating the level of assurance, observations and recommendations.

DNV's verification engagements are based on the assumption that the data and information provided by YM as part of review have been provided in good faith. DNV expressly disclaims any liability or co-responsibility for any decision a person or an entity may make based on this Statement.

### Materiality

YM have established the data collection and aggregation process for the CCWG project. The process to determining the issues that are most relevant to YM for CCWG CO<sub>2</sub> and SO<sub>x</sub> data collection and reporting from each vessel. Nothing came to our attention that the Reported Data does not properly present.

### Completeness

Per CCWG requirement, the Data Submission should cover the full reporting period (1st Jan. to 31st Dec. 2021) and all vessels (owned and chartered) operated by YM, this includes all owned and chartered vessels operated by the carrier for over 90 days during the reporting period. Nothing came to our attention that the Reported Data does not properly present.

### Accuracy and Reliability

The Company has developed the data flow for capturing and reporting CCWG Data Submission. Some errors or omissions of the data identified during the verification process have been corrected. In accordance with limited level assurance requirements, we conclude that no systematic errors were detected which causes us to believe that the specified data and information presented in the Data Submission is not reliable.

### Verification Opinion

- Verified without Qualification
- Verified with Qualification, explain Qualifications:
- Unable to Verify