



NIPPON KAIJI KYOKAI

STATEMENT for Water Monitoring System

No.: KB17MP0578

Unit manufacturer: **Chelsea Technologies Group Ltd.**

type: **Sea Sentry**

THIS IS TO STATE that the above product has been found to comply with applicable requirements specified in Chapter 10 of Resolution MEPC.259(68) "2015 Guidelines for exhaust gas cleaning systems" upon reviewing the submitted documents.

Product descriptions:

The "Sea Sentry" is a continuous in situ water monitoring system. As a standard configuration the system monitors PAH, turbidity, pH and temperature.

Main component	Brand	Specification
PAH sensor	Chelsea Technologies Group Ltd.	- Measurement range: 0-4500 μ g/l phenanthrene equivalence (configurable) - Measurement technology: UV fluorescence with absorbance and turbidity correction
Turbidity sensor	Chelsea Technologies Group Ltd.	- Measurement range: 0-1000 NTU (configurable) - Measurement technology: Nephelometry
pH/temperature sensor	Endress & Hauser	- Measurement range: 0-12 pH units, 0-65 $^{\circ}$ C - Measurement technology: Glass electrode

Examined Documents:

- Sea Sentry SWM Cabinet Handbook (2374-100-HB Issue C) and its appendix documents
- SEA SENTRY PERFORMANCE TEST REPORT (MEPC 259(68)) Trials Report (2374-002-TR Issue A)

Remarks:

- In order to completely fulfill the requirements for washwater monitoring, additional equipment (e.g. data recording device, etc.) are to be installed.
- The "Sea Sentry" should be installed, calibrated and operated in accordance with the manufacturer's instruction.
- In case where the "Sea Sentry" is fitted to SOx scrubber system installed on ships which are classed or to be classed with the Society, confirmation of compliance with the requirements applied at the time of certification is required in each system. In each project, this statement and declaration of validity of this statement are to be submitted. If any modification is made to the product and the relevant documents, detail of the modification is to be submitted.

Issued at Tokyo on 4 September 2017



F. Taguchi

General Manager of Machinery Department

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