

# **Portable Instruments for Measuring Gas Concentrations**

## **Amended Guidance**

Guidance for Ballast Water Management Installations

## **Reason for Amendment**

Prior to the IMO guideline related to ballast water treatment systems (hereinafter referred to as “BWTS”) and IACS Unified Requirement (hereinafter referred to as “UR”) M74 being issued, NK conducted surveys of such systems in accordance with the its own independently developed “Guidelines on the Installation of Ballast Water Treatment Systems” (hereinafter referred to as the “NK guideline”) as technical requirements for BWTS; the NK guideline reflected the common practices it followed with respect to such systems. After the IMO guideline and IACS UR were issued, however, NK incorporated their respective requirements along with the requirements in the NK guideline into the NK Rules by establishing a new part of the called the “Rules and Guidance for Ballast Water Management Installations”.

More specifically, fixed gas detection equipment, dangerous gas relieving devices and ventilation system are required to be installed in accordance with the IACS UR, while the installation of fixed gas detection equipment is required to take into account things such as the flow of air and locations where gas accumulation is a concern.

Since fixed gas detection systems are able to provide more rapid detection over a wider area than portable instruments for measuring gas concentrations and since there is the also redundancy in the requirements for portable instruments that was carried over from the NK guideline, relevant requirements related to portable instruments were amended so as to be more in line with corresponding requirements found in the IACS UR.

## **Outline of Amendment**

Requirements for portable instruments used for measuring gas concentrations for BWMS which generate dangerous gases were deleted.

## **Amended Requirements**

Guidance for Ballast Water Management Installations  
Part 3: 3.3