



# TUVALU SHIP REGISTRY

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## **MARINE CIRCULAR 2-2004**

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**FOR:** Shipowners, Classification Societies, Ship Masters and the Shipping Community

### **MARPOL ANNEX VI, REGULATIONS FOR THE PREVENTION OF AIR POLLUTION FROM SHIPS – ENTRY INTO FORCE ON MAY 19, 2005**

**Entry into force:** 19 May 2005

The regulations in this Annex, when they come into force, will set limits on sulphur oxide and nitrogen oxide emissions from ship exhausts and prohibit deliberate emissions of ozone depleting substances.

MARPOL 73/78 Annex VI applies to all ships of 400 tonnes gross and above, to fixed and floating drilling rigs and other platforms. Ships of 400 gross tonnes and above constructed on or after May 19, 2005 and on international voyages will be required to be surveyed and issued with a certificate. The certificate is valid for five years subject to annual and intermediate surveys. Ships constructed prior to May 19, 2005 are required to comply no later than their scheduled drydock after May 19, 2005 but in no case later than three years after May 19, 2005.

#### **Details of Annex VI**

New installations containing ozone depleting substances are prohibited on all ships. However new installations containing hydro- chlorofluorocarbons (HCFCs) are permitted until January 1, 2020.

Limits on emissions of nitrogen oxides (NO<sub>x</sub>) from diesel engines are set. A mandatory NO<sub>x</sub> Technical Code, developed by IMO, defines how this is done.

Fuel oil not to exceed 4.5% m/m on the sulphur content and in the Baltic Sea, 1.5% m/m. Alternatively, ships must fit an exhaust gas cleaning system or use any other technological method to limit SO<sub>x</sub> emissions. Fuel oil is also to be free of inorganic oil and not to contain added substances or chemical waste.

Incineration on board of certain products is prohibited. These products include:

- polychlorinated biphenyls (PCBs)
- garbage containing traces of heavy metals
- refined petroleum products containing halogen compounds, and
- residues from MARPOL Annex I, II and III cargoes