



## **STANDING NOTICE TO MARINERS No 05 USE OF EXHAUST GAS CLEANING SYSTEMS**

From 1 January 2020, the limit for sulphur in fuel oil used on board ships operating outside designated emission control areas reduced to 0.50% m/m (mass by mass). All ships must meet this requirement of MARPOL Annex VI, Regulation 14, regardless of their size, or whether they are on an international or domestic voyage. Some vessels limit their air pollution by installing exhaust gas cleaning systems, also known as “scrubbers”.

The use of such systems is allowed under Regulation 4 of MARPOL Annex VI as long as they do not impair or damage the environment, human health, property, or resources. Research into the environmental effects of scrubber washwater is ongoing.

### **The use of exhaust gas cleaning systems within Clydeport Statutory Harbour Authority:**

Clydeport Operations Ltd does not restrict the use of closed loop scrubber systems, provided vessels operate in accordance with MCA guidance and comply with the criteria set out in MSN 1819. Vessels may be asked to show evidence of compliance with the MSN if challenged.

[https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/939681/MSN\\_1819\\_Amendment.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/939681/MSN_1819_Amendment.pdf)

Independent terminals and locations within the Harbour Authority Area may impose their own conditions on the restricted use of scrubber systems. Vessels are requested to enquire with the berth operator directly prior to arrival.