

# NOTICE TO MARINERS

## No21 – 2020

### PORT OF LIVERPOOL

#### MARPOL ANNEX VI REGULATION 14 SURVEY

MARPOL Annex VI Regulation 14 places limits on the sulphur content of marine fuel oils to control sulphur oxides (SO<sub>x</sub>) and particulate matter emissions. MARPOL Annex VI Regulation 4 enables the use of Exhaust Gas Cleaning Systems (known as scrubbers) as an alternative method of compliance with Regulation 14; however, their use must not impair or damage the environment, human health, property or resources.

NOTICE IS HEREBY GIVEN that a survey has been developed by MDHC to gather information regarding vessels' compliance with the requirements of MARPOL Annex VI Regulation 14. Accordingly, the agents, owners or masters of vessels calling to the Port are requested to complete this survey; details of which can be found within the News section of the PortLinks application or by following the link: [SURVEY](#).

The survey need only be completed once for each vessel. However, a further survey entry must be completed if, following the initial survey entry, a vessel's system of compliance with MARPOL Annex VI Regulation 14 is changed (e.g. the fitting of a scrubber). If in doubt, the survey should be completed.

Vessels passing through the Port of Liverpool bound for the Port of Manchester should complete the survey in respect of the Port of Manchester. However, if at a later date a vessel having completed previously a survey for a call to the Port of Manchester calls to the Port of Liverpool, a second survey entry must be completed for the Port of Liverpool, and vice versa.

Research into the environmental effects of wash-water from the use of open-loop scrubbers and hybrid systems operating in open-loop mode is ongoing; however, ports are concerned about the potential for these systems to contaminate sediment, thus preventing future dredging activities.

Completion of the survey will contribute to the evidence base and facilitate a better understanding of the potential impacts of the use of Exhaust Gas Cleaning Systems.

In the Port of Liverpool, the use of closed-loop scrubbers and hybrid systems operating in closed loop-mode is allowed. However, until such time as the effects of scrubber wash-water are better understood, the use of open-loop scrubbers and hybrid systems operating in open-loop mode may be prohibited temporarily in the Port.