



# Türk Loydu Newsletter

MAY 17, 2010

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## NEW LOW SULPHUR OXIDES (SO<sub>x</sub>) REQUIREMENTS

*APPLICABLE FROM 01 July 2010*

### **Sulphur oxides (SO<sub>x</sub>) and particulate matter** *Revised MARPOL Annex VI Regulation 14*

For ships operating within an emission control area (ECA), the sulphur content of fuel oil used on board shall not exceed:

1.00% m/m on and after 01 July 2010.

*Additional for EU Ports according EC Directives;*

Ships operating within EU territorial waters should comply with stricter EU regulations.

When a vessel calling EU Ports (at berth or sailing inland waterways), sulfur content of fuel oil used onboard shall not exceed

0.1 % m/m on and after 01 January 2010.

All ships operating within ECA may comply with emission regulations either by using :

- low sulphur fuels or
- SOx Exhaust Gas Cleaning Systems

For ships which are verified for compliance with ECA regulations, Türk Loydu shall issue an "Attestation Letter"

For "Attestation Letter":

Owners/Operators should submit their documents to Türk Loydu for review/approval and request survey for onboard verification. After survey, Türk Loydu may issue "Attestation Letter" for their ship.

1. The following documentation shall be submitted to Türk Loydu:

- For using low sulphur fuels:
  - Diagrammatic details of the fuel oil system including designated tanks/piping for low sulphur fuel and documentation of proposed modifications of any system including (boilers, burners etc.) for using low sulphur fuel **(for approval)**
  - Fuel changeover procedure for ship **(for review)**
  - Declaration from manufacturer for compliance of the engines/equipments **(for review)**

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Changeover procedure is to be submitted for review to verify consistency with the design information and limitations of the ship. It is to be reminded that; TL is not responsible for the operation of fuel oil systems. Prior to the operation of any equipment on such fuel oil, the suitability of the equipment e.g. pumps, engines, boilers and burners for such operation outside the normal range of marine fuels has to be clarified with the equipment manufacturer or to be consulted to the associated system provider.

- For using SO<sub>x</sub> Exhaust Gas Cleaning Systems :
  - Approval certificate of system according to IMO Resolution MEPC.170(57), Guidelines for Exhaust Gas Cleaning Systems **(for review)**
  - Exhaust Gas Cleaning System Technical Manual **(for review)**
  - Diagrammatic details of the system and installation drawings **(for approval)**

2. Scope of survey for onboard verification:

- Confirmation of modified installations and review of modified system certificates
- Hydrostatic test of modified pipelines/tanks

**For further details find below contact points:**

Mustafa DEMİRDÖĞEN [mdemirdogen@turkloydu.org](mailto:mdemirdogen@turkloydu.org)  
+90-216-5813721  
Marine Industry Division

Hatice MERMER [hmermer@turkloydu.org](mailto:hmermer@turkloydu.org)  
+90-216-5813787  
Plan Control and Research Division

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