



# TÜRK LOYDU

## TECHNICAL CIRCULAR

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**Revision:** 0

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**Date:** 14.05.2013

**Related Requirement:** UI SC177 (July 2003)

**Subject:** Existing Convention Ships – Oil Fuel Arrangement

### **Existing Convention Ships – Oil Fuel Arrangement**

#### **1. Application**

These requirements apply to all SOLAS convention ships from 1 July 2003 (all SOLAS references are to consolidated edition 2001).

*Note: SOLAS regulations II-2/15.2.10 and 15.2.11 are not intended to apply to lubricating oil and other flammable oil system arrangements on ships constructed before 1 July 1998.*

#### **2. Technical requirements**

**2.1** All external high pressure fuel delivery lines between the high pressure fuel pumps and fuel injectors shall be protected with a jacketed piping system capable of containing fuel from a high pressure line failure. A jacketed pipe incorporates an outer pipe into which the high pressure fuel pipe is placed forming a permanent assembly. The jacketed piping system shall include a means for leak collection and arrangements shall be provided for an alarm to be given in the event of a failure in a fuel line. (SOLAS II-2/15.2.9)

**2.2** For ships constructed before 1 July 1998, a suitable enclosure may be used as an alternative to 2.1 provided the diesel engine:

— output is 375 kW or less, and

— has fuel injection pumps serving more than one injector. (SOLAS II-2/15.2.12)

**2.3** All surfaces with temperatures above 220°C which may be impinged as a result of a fuel system failure shall be properly insulated. (SOLAS II-2/15.2.10)

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**2.4** Oil fuel lines shall be screened or otherwise suitably protected to avoid, as far as practicable, oil spray or oil leakage onto hot surfaces, into machinery air intakes, or other sources of ignition. The number of joints in such piping systems shall be kept to a minimum. (SOLAS II-2/15.2.11)