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Cc: [Robinson, Lawrence](#); [De Jong, Cornelis Jan Herman](#); [Soygur, Mehmet](#); [Madden, Gregor](#)
Subject: RE: USCG / NTSB Investigation, S-TRUST (9299771), Fire November 2022
Date: Monday, March 27, 2023 6:28:30 PM
Attachments: [image001.png](#)

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Dear LT [REDACTED]:

We have contacted with our technical help center (approval engineer) for the question and the following is the reply:

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SOLAS Ch.II-2/C/7 provides requirements for the installation and spaces covered by a fixed fire detection system in par. 4 (machinery spaces) and par.5.5 cargo ship specific. In particular it is stated therein as quoted below:

Quote

5.5 Cargo ships

Accommodation and service spaces and control stations of cargo ships shall be protected by a fixed fire detection and fire alarm system and/or an automatic sprinkler, fire detection and fire alarm system as follows depending on a protection method adopted in accordance with [regulation 9.2.3.1](#).

5.5.1 Method IC

A fixed fire detection and fire alarm system shall be so installed and arranged as to provide smoke detection in all corridors, stairways and escape routes within accommodation spaces.

Unquote

Hence the vessel being a tanker is only required to have fixed fire detection within accommodation spaces (in particular as defined in underlined reference above) due to the Method IC being applicable for Tankers and in addition to that, within machinery spaces due to the unmanned machinery space notation.

Furthermore, navigation bridge is categorized as a control station (as also defined within SOLAS/II-2/A/3.18), therefore navigation bridge does not fall within the required spaces to be installed with fire detectors.

The above has also been clarified within IMO's MSC.1/Circ.1456 par.2 attached for easy reference.

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Best regards