



Bundesstelle für Seeunfalluntersuchung

Federal Bureau of Maritime Casualty Investigation

Federal Higher Authority subordinated to the Ministry of
Transport and Digital Infrastructure

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The Federal Bureau of Maritime Casualty Investigation (BSU) published the investigation report No 254/19 on 8 September 2020. The report deals with the engine damage and the subsequent fire in the engine room on board the ferry PETER PAN. The report is available at

https://www.bsu-bund.de/EN/GeneralInformation/Warnungen/Warnungen_node.html

PETER PAN – Main engine damage and fire in the southern Baltic Sea on 9 July 2019

As responsible Flag State, the Swedish investigative authority SHK assumed leadership in the accident investigation. The BSU was involved in the investigation as substantially interested (Coastal) State and contributed on the subject matter of *Safe Return to Port Regulations* with a focus on cross-flooding ducts. Furthermore, the BSU was involved in the securing of evidence the following day and made all findings available to the SHK.

During the voyage from Rostock to Travemünde a fire alarm was triggered in 2 of the 5 engine rooms after strong vibrations. Later on, it became clear that a main engine connecting rod had broken in engine room 3 on the starboard side. A deflagration occurred, also causing damages to engine room 4 on the port side via the cross-flooding ducts. Engine room 3, however, remained the location with the most severe fire damage.

It was not possible to determine why the connecting rod broke. The fire was caused by fuel and lubricating oil being fed to the defective cylinder and subsequently fuelling the situation.

All investigation reports, safety recommendations and other publications of the BSU are available at

https://www.bsu-bund.de/EN/Publications/Publications_node.html

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Director