

09-12-2024

From: NCFSAC**To: USCG****Subject: NCFSAC Safety Recommendations to Tasks 23-24 thru 24-24.**

Task: #23-24Description of Task:

Review marine casualty Investigations linked to fire and smoke detection devices on Commercial Fishing Vessels (CFVs). Make recommendations to the Coast Guard.

Background:Subcommittee 1 Recommendation:

NCFSAC (the committee) recommends that section V/C of the Commercial Fishing Industry Vessels Best Safety Practices Guide be amended to the following language:

- C. At a minimum, each vessel should have the following detectors installed.
1. **Heat detection for galleys and enclosed spaces containing internal combustion engines (ICE).** Any galley and each space containing ICE should have heat detectors with location and quantity to be in accordance with manufacturer specifications. Alarm system should be capable of notifying an individual in any accommodation or work space where they may normally be employed.
 2. **Smoke detection.** Each fishing vessel should be equipped with a means to detect smoke in living spaces (to include sleeping quarters and laundries but not galleys equipped with heat detectors). This may be accomplished by an installed detection system, or by using individual battery-operated detectors meeting UL 217. Alarm system should be capable of notifying an individual in any accommodation or work space where they may normally be employed.
 3. **Carbon Monoxide.** Carbon monoxide detectors should be installed in accommodation spaces adjacent to spaces with internal combustion engines and exhaust stacks.
 4. **Alarms maintenance.** All detection equipment should be maintained, inspected and replaced, in accordance with the manufacturer's recommendations.

Regarding the Safety Recommendations related to the loss of LUCKY DIAMOND, the committee agrees with recommendations #1 and #2 and request the USCG take them for action with the clarification that this should not be restricted to vessels 50 feet and over.

Furthermore the committee agrees with Safety Recommendation 7(a) of the USCG investigation report on the MS DOLORES fire and also Safety Recommendation 2 of the USCG investigation report on the PERUGA fire. We recommend the language specified above for the Commercial Fishing Industry Vessels Best Safety Practices Guide be considered for these regulations.

NCFSAC recommends the USCG close this task, #23-24.