

Republic of Marshall Islands

1. What can be done to improve the fire detection in a container cargo under deck?

There is still a lot to improve on the declaration side, additionally investigations should go report to the responsible enforcement organizations of the country where the cargo is assigned the carriage requirements.

2. What can be done to improve the fire detection in a container cargo on deck?

It is difficult to improve under the current circumstances but we might have to think of individual fire/smoke detection systems per container which can be linked with the cargo stowage plan and fire detection system.

3. What can be done to enable a more precise and quick fire localization?

See answer on question 2.

4. What can be done to compensate the deficiencies of CO2 with regard to smothering a fire in a container stow under deck?

Additionally to the water mist lances the installment of an Internationally Universe Connections on a container where a fire extinguish system can be connected on, the CO2 deficiencies would be limited as mostly would be contained in the container.

5. What can be done to improve the confinement of a fire in containers under deck to the particular cargo hold?

See the first part of answer on question 4, additional the communication should be ensured for the crewmembers to provide boundary cooling and other tasks unhindered and for that two-way portable communication equipment with sufficient reception inside the cargo holds and on deck.

6. What can be done to improve the confinement of a fire in containers on deck to the particular bay or section thereof?

See the answer on question 5.

7. What can be done to improve active firefighting on deck bearing in mind reduced crew and local conditions?

See answer on question 4, with the addition of the crew providing boundary cooling with the possibility to use hoses and nozzles that can be fixed at effective places with pre-installed equipment that can hold and aim the nozzles.

8. What can be done to protect vital ship structures under deck and on deck from excessive heat?

See answer on question 4, with the installment of an water spray system to protect the structure.

9. What can be done to improve the protection of deck house and life-saving appliances?

The installment of a water spray system protecting the "critical" equipment.