

CHEMICAL TRANSPORTATION ADVISORY COMMITTEE (CTAC)

TASK STATEMENT ACTION SHEET

TASK TITLE: Hazardous Cargo Transportation Security Subcommittee

DESCRIPTION OF TASK: Assist the Coast Guard in the development of policies and procedures designed to deny the use of hazardous cargoes as weapons while they are being transported or stored within the U.S. Marine Transportation System (MTS).

RECOMMENDED ACTION: Through subcommittee meetings, workgroup meetings, and correspondence, provide recommendations to the Coast Guard for the development of security measures aimed at preventing Transportation Security Incidents (TSIs) involving hazardous cargoes in the maritime environment.

RECOMMENDED PRIORITY AND TIME FRAME:

Priority: (highest) 1 2 3 4 5 (lowest)

Date Required: Long Term Tasks: February 2021

Other dates/deadlines/milestones: Periodic tasks on an as needed basis over a 4-5 year period.

COAST GUARD TECHNICAL REPRESENTATIVES:

Bob Reimann (202) 372-1146
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Pat Keffler (202) 372-1424
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Forwarded for Committee consideration.

Signed



Pat Keffler
Alternate Designated Federal Official

Date forwarded: September 28, 2016

Committee Action: The task was accepted by the Committee, and a new Subcommittee created to address the issue on February 3, 2016.

Signed



James E. Prazak
Chairman

CHEMICAL TRANSPORTATION ADVISORY COMMITTEE (CTAC)
HAZARDOUS CARGO TRANSPORTATION SECURITY (HCTS) SUBCOMMITTEE

TASK STATEMENT

1. TASK TITLE

Hazardous Cargo Transportation Security Subcommittee

2. BACKGROUND

Any attack on the nation's MTS could cause significant injury and loss of life, as well as damage to critical infrastructure and key resources. The high consequence nature of such an incident underscores the importance of developing, implementing, maintaining, and periodically reviewing and modifying existing security and safety policies, as well as requirements to address hazardous cargoes. "Hazardous cargo" is intended to be interpreted in a broad manner, incorporating both liquid and dry hazardous cargoes, as well as liquefied petroleum gas and liquefied natural gas. Responsibility for waterside security of hazardous cargoes is shared between facility and vessel masters, owners, operators and agents, as well as DHS and its partners in the private and public sectors.

3. PROBLEM STATEMENT

The MTS, which includes coastal ports and inland rivers, is a target-rich environment for terrorists. Hazardous cargoes are often carried in much larger quantities by water than they are by rail or highway. U.S. navigable waterways frequently intersect with rails and highways. A successful attack on a marine target may adversely impact other modes of transportation and/or transportation, port and maritime infrastructure. There is a need for the Coast Guard to implement technology, plans, and procedures to harden potential maritime targets and deny potential adversaries the opportunity to use waterborne hazardous cargoes against our public, infrastructure, and commerce.

4. TASK

a. Periodic Tasks

- (1) Provide feedback to Commandant CG-ENG-5 and CG-FAC-1 on specific items under development by the Coast Guard. CG-ENG-5 and CG-FAC-1 will coordinate tasking for each specific item to be reviewed for feedback. This periodic tasking will occur on an as needed basis over a 4-5 year period.

b. Short-term Tasks

- (1) Assist the Coast Guard in a Commodity Flow Study for EHCs and, if deemed appropriate by the Coast Guard and the Subcommittee, other CDCs and/or cargoes shipped through the MTS.

- (2) Identify and categorize hazardous cargoes other than the 5 identified in the national strategy, which present the greatest threats to public welfare and safety and make recommendations on what cargoes require enhanced levels of security, any risk and/or quantity thresholds to identify when enhanced levels of security may be required, and what enhanced levels of security are recommended for each cargo.
- (3) Promote security awareness and ensure security information is shared appropriately within the Marine Chemical Transportation Industry.

c. Medium-term Tasks

- (1) Identify the risk management principles (i.e. best practices) set in place by the Marine Chemical Transportation Industry, the USCG and other entities that provide a framework for stakeholders to characterize risk, prioritize efforts/resources and achieve a balance between security and functionality.
- (2) Working with the Coast Guard, review the current rules requiring advance notice of arrival, movement and transfer for EHCs, and provide any recommended changes necessary to ensure Sector Commanders have sufficient time to apply risk mitigation measures.
- (3) Assist in recommending strategies to promote sufficient public and private resources focused on practically reducing the risk of the most serious threats throughout the Marine Chemical Transportation Industry.
- (4) Assist in establishment of a common focal point on important risks, a common operational picture, and any other steps needed to help produce a fully coordinated effort that protects U.S. interests in the MTS.

d. Long-term Tasks

- (1) Provide advice and assistance to the Coast Guard as it relates to the implementation of the 4 goals in the national strategy (***Strategy for the Waterside Security of Especially Hazardous Cargo***), working in coordination with the National Maritime Security Advisory Committee (NMSAC) as needed.
- (2) Participate in symposiums, workgroups and listening sessions as they pertain to the implementation of the national strategy.
- (3) Assist in finding the best way to track the location of EHCs.
- (4) Identify a common risk framework which will allow the results of a risk analysis done by owners and operators, to be comparable and useful for supporting security-related decisions.

5. DUE DATE

Target due dates are:

- (1) Periodic Tasks: Target due dates for Periodic Tasks will be assigned based on the needs of the US Coast Guard and the capabilities of the Subcommittee to address those requested tasks.
- (2) Short Term Tasks: Provide all recommendations for Short Term Tasks to the Coast Guard no later than 6 months after completion of the Commodity Flow Study.
- (3) Medium Term Tasks: Provide all recommendations for Medium Term Tasks to the Coast Guard no later than August 30, 2019.
- (4) Long Term Tasks: Provide all recommendations for Long Term Tasks to the Coast Guard no later than February 28, 2021.

6. RECOMMENDED PROFESSIONAL QUALIFICATIONS

Interested participants should have at least one year of the following qualifications:

- (1) Familiarity with the bulk water transportation of chemicals by either tankships or barges;
- (2) Familiarity with operation of waterfront facilities that handle, store, or transfer chemicals;
- (3) Knowledge of the marine chemical transportation industry management programs in both large and small companies.

7. COAST GUARD TECHNICAL REPRESENTATIVE

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8. CHEMICAL TRANSPORTATION ADVISORY COMMITTEE - SUBCOMMITTEE CHAIR

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