



To: Bay Area UASI Approval Authority

**From: Philip White, Bay Ferry IV Exercise Director and UASI CBRNE Project Manager
Colin McDermott, Director of Operations at Golden Gate Ferry**

Date: March 10, 2016

Re: Item 8: Bay Ferry IV Exercise After Action Report

Staff Recommendations:

None

Action or Discussion Items:

Discussion

Discussion:

On Wednesday, January 20th, 2016, from 6:00 a.m. to 5:00 p.m., the Golden Gate Ferry (GGF) Division of the Golden Gate Bridge, Highway and Transportation District (GGBHTD) hosted an interagency maritime emergency preparedness and security drill. The Bay Ferry IV Regional Exercise was made possible by a Federal Transit Authority (FTA) grant. The purpose of the exercise was to assess the overall preparedness to natural disasters, technological and terrorism incidents in the San Francisco Bay Area. Bay Ferry IV also offered an opportunity to exercise for the first time the recently adopted United States Coast Guard Sector San Francisco's Maritime Preventive Radiological/Nuclear Detection (PRND) Regional Concept of Operations Plan and Standard Operations Procedures.

In a series of realistic, mentally and physically challenging scenarios, participants had to demonstrate their ability to implement incident command and control, perform on-water mass victim rescue, hazard identification, radiological decontamination, site security, crowd control, improvised explosive device (IED) recovery, implementation of regional dispatch protocols, and operate regional interoperable communications systems. The drill took place within a Safety Zone south of the Richmond-San Rafael Bridge and just north and east of Treasure Island. It occurred concurrently on 5 passenger vessels — two 715-passenger Golden Gate Ferry Spaulding vessels, a 650-passenger San Francisco Bay Ferry vessel, a 1,000-passenger Hornblower Cruises and

Events vessel, and the 120-passenger M.V. Potomac. There was also be training at the ferry landing near Jack London Square in Oakland.

The exercise was divided into four commands areas; Red, Gold, Blue and Purple. The Red Area Command hosted the “Search and Rescue of Persons-In-The-Water; “Response to a Mass Casualty Incident on a Commuter Ferry” and “Implementation of the Vessel Mutual Assistance Plan” scenarios. The Gold Area Command hosted the “Preventative Radiological/Nuclear Detection during Routine Maritime Patrol Operations”, PRND Maritime Patrol in Support of Large Scale Public Events” and “Radiological/Nuclear Search Operations” scenarios. The Blue Area Command hosted the “Tactical Boarding of a Commuter Ferry While Underway” and “Active Shooter Incident on a Commuter Ferry” scenarios. The Purple Command hosted the shore based “Responding to a Mass Casualty Incident on a Commuter Ferry” and “Radiological/Nuclear Decontamination” scenarios that took place at the Jack London Square Ferry Terminal in Oakland.

Interagency exercises like Bay Ferry IV provide an objective assessment of maritime emergency preparedness and security strengths and areas for improvement. This information also helps to determine if previous identified policy, procedure, training tool or equipment gaps have been closed and if new ones need to be addressed. This knowledge will help drive future-funding priorities as well as confirm the value of past investments. This exercise also helped to strengthen maritime agency partnerships, which is invaluable in maintaining a highly effective safety and security posture on the San Francisco Bay. Additionally, exercises like Bay Ferry IV play a vital role in advancing interagency emergency preparedness, coordination, familiarization, and response on the San Francisco Bay.

Participating Agencies (in alphabetical order):

Alameda County Sheriff, Alameda County
Alcatraz Cruises, San Francisco
Angel Island Ferry, Tiburon
California National Guard, 95th Civil Support Team, Hayward
Central Marin Police Authority, Larkspur
Department of Homeland Security
Domestic Nuclear Detection Office
Federal Bureau of Investigation, San Francisco
Golden Gate Bridge, Highway and Transportation District
Hornblower Cruises and Events, San Francisco
Larkspur Fire Department, Larkspur
Lawrence Livermore National Laboratory
Marin County Sheriff’s Marine Unit, San Rafael
Marin County Water Rescue Team, San Rafael
Oakland Fire Department, Oakland
Oakland Police Department, Oakland
Red and White Fleet, San Francisco
Richmond Fire Department, Richmond
Richmond Police Department, Richmond
Sacramento Sheriff’s Department, Sacramento

San Francisco Bay Area Water Emergency Transportation Authority, San Francisco
San Francisco Bay Ferry
San Francisco Fire Department, San Francisco
San Francisco Police Department, San Francisco
Sausalito Police Marine Unit, Sausalito
Southern Marin Fire Protection District, Mill Valley & Sausalito
Tiburon Fire Department, Tiburon
Transportation Security Administration
United States Coast Guard, Sector San Francisco
University of Berkeley Bomb Squad (EOD)