



**Concept of Operations**

**American Recovery and Reinvestment Act**

**Port Security Grant**

**Delaware DNREC**

**Division of Fish and Wildlife Enforcement**

**PROJECT:** To purchase a 31 foot homeland security marine patrol vessel with diesel engines to provide patrols from Port Mahon to the Atlantic Ocean through the application process of the American Recovery and Reinvestment Act (ARRA) Port Security Grant Program (PSGP).

**BACKGROUND:** The State of Delaware is bordered by approximately 76 miles of Delaware Bay and River coastline and 20 miles of Atlantic Ocean coastline with the Port of Wilmington serving as the nearest major port. Delaware also has the Salem One Nuclear Plant in close proximity to Delaware jurisdictional waters off the coast of New Jersey. Delaware Department of Natural Resources and Environmental Control (DNREC), Division of Fish and Wildlife Enforcement (DFWE) patrol Delaware's navigable waters enforcing boating laws and regulations while conducting boating safety equipment and boating under the influence checks while working with the United States Coast Guard (USCG) in search and rescue/body recovery operations. Pursuant to Delaware Code, Title 23, Section 2118 (d), "a DFWE Agent has the authority to stop and board any vessel subject to state compliance with state laws or Department regulations." DFWE Agents are the most qualified and skilled to operate a patrol vessel in Delaware's

maritime environment. Currently, the DFWE has a valid Memorandum of Agreement with the USCG regarding the enforcement of maritime safety and security zones and a valid Memorandum of Agreement in the conduct of Recreational Boating Safety Programs including the mutual enforcement of laws related to boating safety on the waters within the concurrent jurisdiction of the State of Delaware and the United States. The DFWE is the only state agency that has a consistent presence on the waters of the State acting as a force multiplier with the USCG and filling in gaps in the maritime homeland security domain such as:

- Perimeter protect such as security and safety zone enforcement.
- Vessel interdiction and inspections
- Vessel escort
- Area surveillance and intelligence gathering
- Transportation/logistical support of specialized teams.
- Infrastructure protection and inspections.

**OPERATION PLAN FOR NEW MARINE PATROL VESSEL:** This new vessel will be used on Delaware's waterways conducting law enforcement patrols related to maritime homeland security, resource protection, boating safety and search and rescue operations. Presently, the DFWE does not own a cabin enclosed patrol vessel for the Delaware Bay south of the Salem Nuclear Plant in New Jersey. An enclosed cabin patrol vessel will allow the Enforcement Agents to patrol and protect identified homeland security infrastructure targets such as petrochemical plants, energy generating plants, bridges, ferries, ports and underway commercial shipping operations. Patrols will be concentrated in the Delaware Bay from Port Mahon south to the Atlantic Ocean. This new vessel will allow the Agents to work in a climate controlled cabin during any weather-related events for either patrol or search and rescue operations augmenting other fire department search and rescue vessels in the area. This vessel will be docked at the State Division of Fish and Wildlife Cedar Creek Boat Ramp facility where there are DFWE vessels moored with access to fuel and mooring facilities. This operation plan coincides with the **Strategic Risk Management Plan, USCG Sector Delaware Bay.**

**COST:** Estimated at \$385,000 which includes an increase of 5% of last quote provided on October 3, 2008. This includes funding for a Forward Looking Infrared Device (FLIR) unit and a Blue Force tracking component for all law enforcement boats on the water. There is no match requirement for this grant. Operational costs in the grant years will be budgeted from the

federal Recreational Boating Safety Grant and ASF funding sources. Operational funding in the out years will also come from the Recreational Boating Safety Grant and ASF funding sources.

**TIMELINE: Submission for the ARRA PSG is June 29, 2009.** State of Delaware approval must be expedient to provide the staff of DFWE the time to enter the information for the grant request electronically.

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Patrick J. Emory, Division Director, DFW

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Date

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Collin O'Mara, Secretary DNREC

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Date