

RES 17-017

Wilmington, Delaware  
February 16, 2017

#4333

Sponsor:

Council  
Member  
Walsh

**WHEREAS**, pursuant to Section 2-363 of the City Code, the Council deemed it necessary and proper to specify the requirements for review and approval of City-sponsored grant applications and proposals, including authorization for expedited grant applications when necessary, prior to Council's approval by resolution; and

**WHEREAS**, the City, through the Wilmington Fire Department, has applied for and received (see attached materials) a grant from the U.S. Department of Homeland Security in the amount of \$22,000.00; and

**WHEREAS**, the proposed grant funds will be used to purchase water survival suits, water rescue equipment, and air monitoring equipment; and

**WHEREAS**, the grant does not require a local match; and

**WHEREAS**, the Council deems it necessary and proper to authorize the Wilmington Fire Department to accept the grant funds from the U.S. Department of Homeland Security in the amount of \$22,000.00, for the aforesaid purposes.

**NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF WILMINGTON** that the Wilmington Fire Department is hereby authorized to accept grant funding from the U.S. Department of Homeland Security in the amount of \$22,000.00.

**BE IT FURTHER RESOLVED** that the Wilmington Fire Department Fire Chief, Michael Donohue, or his designees, shall be authorized to take all necessary actions to administer the grant and the grant program for the City of Wilmington.

Passed by City Council,  
February 16, 2017

ATTEST: Maribel Seijo  
City Clerk

Approved as to form this  
16 day of February, 2017

William B. Garrison Jr.  
Assistant City Solicitor

**SYNOPSIS:** This Resolution approves the Wilmington Fire Department's acceptance of grant funds from U.S. Department of Homeland Security in the amount of \$22,000 to purchase port security fire safety and air monitoring equipment. The grant does not require a local match.

Award Letter

U.S. Department of Homeland Security  
Washington, D.C. 20472



Anthony Goode  
Wilmington Fire Department  
22 S. Heald St  
Wilmington, DE 19801

Re: Grant No. EMW-2015-PU-00465

Dear Anthony Goode:

Congratulations, on behalf of the Department of Homeland Security, your application for financial assistance submitted under the Fiscal Year (FY) 2015 Port Security Grant Program has been approved in the amount of \$ \$22,000.00 . You are not required to match this award with any amount of non-Federal funds.

Before you request and receive any of the Federal funds awarded to you, you must establish acceptance of the award. By accepting this award, you acknowledge that the terms of the following documents are incorporated into the terms of your award:

- Agreement Articles (attached to this Award Letter)
- Obligating Document (attached to this Award Letter)
- FY 2015 Port Security Grant Program Funding Opportunity Announcement.

Please make sure you read, understand, and maintain a copy of these documents in your official file for this award.

In order to establish acceptance of the award and its terms, please follow these instructions:

Step 1: Please go on-line to the ND Grants system at <https://portal.fema.gov>. After logging in, you will see a subtitle Grants Management. Under this subtitle, you will see a link that says Award Package(s). Click this link to access your award packages. Click the Review Award Package link to review and accept the award package for your award. Please print your award package for your records.

Step 2: Please fill out and have your bank complete and sign the SF 1199A, Direct Deposit Sign-up Form. The information on the 1199A must match your SAM record. Be sure to include your DUNS and grant number on the form in Section 1F "Other." The SF 1199A should be sent directly from your financial institution to the FEMA Finance Center, via fax or mail to the Vendor Maintenance Office (see address below). The 1199A form will not be accepted unless it is received directly from the financial institution. Please pay careful attention to the instructions on the form.

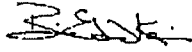
FEMA Finance Center  
Attn: Vendor Maintenance  
P.O. Box 9001  
Winchester, VA 22604

Secured Fax: (540) 504-2625  
Email: [FEMA-Finance@FEMA.DHS.gov](mailto:FEMA-Finance@FEMA.DHS.gov)

System for Award Management (SAM): Please ensure that your organization's name, address, DUNS number, EIN, and banking information are up to date in SAM and that the DUNS number used in SAM is the same one used to apply for all

FEMA awards. The System for Award Management is located at <http://www.sam.gov>. Future payments will be contingent on the information provided in the SAM; therefore it is imperative that the information is correct.

If you have any questions or concerns regarding the process to request your funds, please call (866) 927-5646.



BRIAN KAMOIE, GPD Assistant Administrator

Overview EMW-2015-PU-APP-00465

**Overview**

Submission Type	Application
Type of Application	New
Is application subject to review by state executive order 12372 process?	Program is not covered by E.O. 12372.

**Contact Information**

Please complete the following contact information. When you are finished, click the *Save and Continue* button below.

**Note:** Fields marked with \* are required.

**User Information**

Title:	Battalion Chief
Prefix:	Mister
First Name:	Carl
Middle Name:	Joseph
Last Name:	Zipfel
Business Phone	(302) 333-7718 Ext.
Home Phone:	Ext.
Mobile Phone/Pager:	
Fax:	
Email:	carl.zipfel@cj.state.de.us

**Mailing Address**

Address1:	22 S Heald St
Address2:	
City:	Wilmington
State:	Delaware
Zip:	19801 5428

Status:	Active
Organization Contact Type	Secondary Contact

Please complete the following contact information. When you are finished, click the *Save and Continue* button below.

**Note:** Fields marked with \* are required.

**User Information**

Title:	Mrs
Prefix:	
First Name:	Andrea
Middle Name:	
Last Name:	Lewis
Business Phone	(302) 576-3777 Ext.
Home Phone:	(302) 576-3777 Ext.
Mobile Phone/Pager:	
Fax:	
Email:	alewis@ci.wilmington.de.us

**Mailing Address**

Address1:	22 South Heald Street
Address2:	

City: Wilmington  
 State: Delaware  
 Zip: 19801 5428

Status: Active  
 Organization Contact Type: Primary Contact

**Applicant Information**

Please provide the following information about your organization and press the *Save and Continue* button below

**Note:** Fields marked with an \* are required.

**Organization Information**

Organization Name: Wilmington Fire Department  
 Employer Identification Number: 51-0176414  
 Are you sharing an EIN with another organization? Yes  
 If yes, please enter the name of the entity with whom you share an EIN: City of Wilmington  
 Enter the DUNS Number of your Organization: 00-885-8770-0000  
 Applicant Type: Eligible Port Area  
 Other Applicant Type:

**Headquarters or Main Station Physical Address**

Address1: 22 S. Heald St  
 Address2:  
 City: Wilmington  
 State: Delaware  
 Zip: 19801 5428

**Mailing Address**

Same As Physical Address: Yes  
 Address1: 22 S. Heald St  
 Address2:  
 City: Wilmington  
 State: Delaware  
 Zip: 19801 5428

**Additional Information**

Is the applicant delinquent on any federal debt? No  
 If you answered yes to any of the additional questions above, please provide an explanation in the space provided below:

**Project Information**

Please provide the following information and press the *Save and Continue* button below.

**Note:** Fields marked with \* are required.

**Project Information**

Descriptive Title of Applicant Project: Purchase water survival suits, water rescue equipment, upgrade sonar, and gas detection devices for the Fire Boat and a remotely piloted rescue/observation drone for the 70' Fire Boat purchased using PSPG Funds

Areas Affected by Project (Cities, Counties, States, etc.): City of Wilmington Delaware. Located in Sector Delaware Bay.

Proposed Project:

Start date 01/01/2016 End date 01/01/2017

\* Congressional Districts:

00-000

**Budget**

Review and confirm the budget information below. When you are finished, press the *Save and Continue* button below.

**Note:** Fields marked with \* are required.

**Budget Object Class**

- a. Personnel
- b. Fringe Benefits
- c. Travel
- d. Equipment 24,500
- e. Supplies
- f. Contractual
- g. Construction
- h. Other
- i. Indirect Charges
- Total Budget 24,500

**Federal and Applicant Share** (These values will update on "Save" or "Save and Continue").

- Federal Share Amount 24,500
- Applicant Share 0
- Federal Rate Sharing (%) 100

**Non-Federal Resources** (Please ensure combined non federal resources meet your cost share requirement)

- a. Applicant 0
- b. State 0
- c. Local 0
- d. Other Sources 0
- e. Program Income 0

**Comments**

If you entered a value in Other Sources, include your explanation below. You can use this space to provide information on the project, cost share match, or if you have a indirect cost agreement with a federal agency.

**Attachments**

**Total Number of Records: 12**

Display: 10 20

Document Type	Description	Attachment	Date Uploaded	Action
Budget Narrative	sectDelawareBay_Delaware Bay_City of Wilmington Fire_Budget_1.docx		05/19/2015 10:39	View
Budget Narrative	sectDelawareBay_Delaware Bay_City of Wilmington Fire_Budget_5.docx		05/19/2015 10:44	View
Budget Narrative	sectDelawareBay_Delaware Bay_City of Wilmington Fire_Budget_4.docx		05/19/2015 10:43	View
Budget Narrative	sectDelawareBay_Delaware Bay_City of Wilmington Fire_Budget_3.docx		05/19/2015 10:42	View
Budget Narrative	sectDelawareBay_Delaware Bay_City of Wilmington Fire_Budget_2.docx		05/19/2015 10:41	View
Other	Form GG_LobbyingForm-V1.1.pdf		05/14/2015 20:29	View
Other	Form SF424_2_1-V2.1.pdf		05/14/2015 20:29	View
Investment Justification	sectDelawareBay_Delaware Bay_City of Wilmington Fire_IJ_1.docx		05/19/2015 10:40	View
Investment Justification	sectDelawareBay_Delaware Bay_City of Wilmington Fire_IJ_4.docx		05/19/2015 10:46	View
Investment Justification	sectDelawareBay_Delaware Bay_City of Wilmington Fire_IJ_5.docx		05/19/2015 10:46	View

1 2 Next >

**Assurances and Certifications**

You must read and sign these assurances by providing your password and checking the box at the bottom of this page.

**Note:** Fields marked with an \* are required.

Form 424B - Assurances-NonConstruction Programs



**Note:** Certain of these assurances may not be applicable to your project or program. If you have any questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681- 1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101- 6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92- 255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee- 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327- 333), regarding labor standards for federally-assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93- 205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.

16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

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**Digital Signature**

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By checking the box below and providing your password, you are providing your digital signature.

I, Anthony Goode, or my designee am hereby providing my signature for this application as of 19-May-2015

You must read and sign these assurances by providing your password and checking the box at the bottom of this page.

**Note:** Fields marked with an \* are required.

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**SF-GG, Certification Regarding Lobbying**

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**Certification for Contracts, Grants, Loans, and Cooperative Agreements**

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The undersigned certifies, to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.
3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

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**Statement for Loan Guarantees and Loan Insurance**

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The undersigned states, to the best of his or her knowledge and belief, that:

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions. Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

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**Authorized Representative**

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Applicant's Organization: Wilmington Fire Department  
Title: Mrs

Prefix:

First Name: Andrea

Middle Name:

Last Name: Lewis

Suffix:

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Digital Signature

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By checking the box below and providing your password, you are providing your digital signature.

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I, Anthony Goode, or my designee am hereby providing my signature for this application as of 19-May-2015

**FY 2014 PORT SECURITY GRANT PROGRAM (PSGP)  
CITY OF WILMINGTON FIRE DEPARTMENT  
PROJECT 1 CREW SURVIVAL SUITS  
BUDGET DETAIL WORKSHEET**

**D. Equipment.** List non-expendable items that are to be purchased. Non-expendable equipment is tangible property having a useful life of more than one year. (Note: Organization's own capitalization policy and threshold amount for classification of equipment may be used). Expendable items should be included either in the "Supplies" category or in the "Other" category. Applicants should analyze the cost benefits of purchasing versus leasing equipment, especially high cost items and those subject to rapid technical advances. Rented or leased equipment costs should be listed in the "Contractual" category. Explain how the equipment is necessary for the success of the project. Attach a narrative describing the procurement method to be used.

Item	Computation	Cost
The funding will be used to purchase crew survival suits in various sizes.	9 @ \$373	3352
<b>Total Equipment</b>		<b>3352</b>

**Budget Summary** - When you have completed the budget worksheet, transfer the totals for each category to the spaces below. Compute the total direct costs and the total project costs. Indicate the amount of Federal funds requested and the amount of non-Federal funds that will support the project.

Budget Category	Federal Amount	Non-Federal Amount
A. Personnel		
B. Fringe Benefits		
C. Travel		
D. Equipment	3352	0
E. Supplies		
F. Consultants/Contracts		
G. Other		
H. Indirect Costs		

Total Requested Federal Amount	Total Non-Federal Amount
3352	0
<b>Combined Total Project Costs</b>	
3352	

## FY 2015 PORT SECURITY GRANT PROGRAM (PSGP)

Investment Heading	
Port Area	Delaware Bay
State	Delaware
Applicant Organization	Wilmington Fire Department
Investment Name	Crew Survival Suits
Investment Amount	\$3352

### I. Background

*Note: This section only needs to be completed once per application, regardless of the number of investments proposed. The information in this section provides background and context for the investment(s) requested, but does not represent the evaluation criteria used by DHS for rating individual investment proposals.*

I. Provide an overview of the port area, MTSA regulated facility, or MTSA regulated vessel	
Response Type	Narrative
Page Limit	Not to exceed 1 page
Response Instructions	<ul style="list-style-type: none"> <li>• Area of Operations:                             <ul style="list-style-type: none"> <li>- Identify COTP Zone</li> <li>- Identify eligible port area</li> <li>- Identify exact location of project site (i.e., physical address of facility being enhanced)</li> <li>- Identify who the infrastructure (project site) is owned or operated by, if not by your own organization</li> </ul> </li> <li>• Point(s) of contact for organization (include contact information):                             <ul style="list-style-type: none"> <li>- Identify the organization's Authorizing Official for entering into grant agreement, including contact information</li> <li>- Identify the organization's primary point of contact for management of the project(s)</li> </ul> </li> <li>• Ownership or Operation:                             <ul style="list-style-type: none"> <li>- Identify whether the applicant is a private entity or a State or local agency</li> </ul> </li> <li>• Role in providing layered protection of regulated entities (applicable to State or local agencies only):                             <ul style="list-style-type: none"> <li>- Describe your organization's specific roles, responsibilities and activities in delivering layered protection</li> </ul> </li> <li>• Important features:                             <ul style="list-style-type: none"> <li>- Describe any operational issues you deem important to the consideration of your application (e.g., interrelationship of your operations with other eligible high-risk ports, etc.)</li> </ul> </li> <li>• Ferry systems required data:                             <ul style="list-style-type: none"> <li>• Infrastructure</li> <li>• Ridership data</li> <li>• Number of passenger miles</li> <li>• Number of vehicles per vessel, if any</li> <li>• Types of service and other important features</li> <li>• System map</li> </ul> </li> </ul> <p style="margin-left: 20px;">Geographical borders of the system and the cities and counties served</p>

**WARNING:** This record contains Sensitive Security Information that is controlled under 49 CFR parts 15 and 1520. No part of this record may be disclosed to persons without a "need to know", as defined in 49 CFR parts 15 and 1520, except with the written permission of the Administrator of the Transportation Security Administration or the Secretary of Transportation. Unauthorized release may result in civil penalty or other action. For U.S. government agencies, public disclosure is governed by 5 U.S.C. 552 and 49 CFR parts 15 and 1520.

Response	<p>The Wilmington Fire Department's fire boat is located at 500 Swedes Landing Rd in Wilmington Delaware.</p> <p>COPT Zone – Sector Delaware Bay.</p> <p>Eligible Port Area – The Wilmington Department's response area includes the Ports of Wilmington, New Castle, and Marcus Hook. All these ports are located in Delaware Bay Port Area.</p> <ul style="list-style-type: none"> <li>• Point(s) of contact for organization (include contact information): <ul style="list-style-type: none"> <li>- Point of Contact - Carl Zipfel, Battalion Chief, 302-333-7718, <a href="mailto:carl.zipfel@CJ.state.de.us">carl.zipfel@CJ.state.de.us</a></li> <li>- Authorizing Official - Anthony Goode, Chief of Fire, 302-576-3950, <a href="mailto:anthony.goode@CJ.state.de.us">anthony.goode@CJ.state.de.us</a></li> </ul> </li> <li>• Ownership or Operation: <ul style="list-style-type: none"> <li>- Local government</li> </ul> </li> <li>• Role in providing layered protection of regulated entities (applicable to State or local agencies only): <ul style="list-style-type: none"> <li>- The Wilmington Fire Department is the primary responder for providing a water borne platform for fire protection, EMS, and law enforcement for the City of Wilmington and the Port of Wilmington. Through Mutual-Aid agreements, the fire department responds to assist other agencies within the Delaware Bay Sector for response to natural or manmade disasters, fires, hazmats, environmental incidents, port security issues, IED's and WMD in Sector Delaware Bay. The department provides the only major response vessel for SRMP from Philadelphia South to Segments Del River South and Del Bay to support significant and sustained operations.</li> </ul> </li> <li>• Important features: <p>The Wilmington Fire Department consist of 172 uniform members that completed ICS 100,200 and all officers have completed ICS 300,700,</p> <p>The Wilmington Fire Department provides the primary dive platform for the Delaware State Police Maritime Unit utilizing our 70 foot Fireboat.</p> </li> </ul>
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## II. Strategic and Program Priorities

II.A. Provide a brief abstract of the Investment list just ONE investment.	
Response Type	Narrative
Page Limit	Not to exceed 1/2 page
Response Instructions	Provide a succinct statement summarizing this Investment
Response	The Wilmington Fire Department is requesting funding to purchase crew survival immersion suits for use on the 70' Fireboat purchased using prior PSPG funds.

II.B. Describe how the Investment will address one or more of the PSPG priorities, NPG core capabilities, and Area Maritime Security Plan or COTP Priorities (how it corresponds with PRMP for Group I and II)	
Response Type	Narrative
Page Limit	Not to exceed 1/2 page

**WARNING:** This record contains Sensitive Security Information that is controlled under 49 CFR parts 15 and 1520. No part of this record may be disclosed to persons without a "need to know", as defined in 49 CFR parts 15 and 1520, except with the written permission of the Administrator of the Transportation Security Administration or the Secretary of Transportation. Unauthorized release may result in civil penalty or other action. For U.S. government agencies, public disclosure is governed by 5 U.S.C. 552 and 49 CFR parts 15 and 1520.

Response Instructions	<ul style="list-style-type: none"> <li>Describe how, and the extent to which, the investment addresses:</li> <li>Describe how the investment builds or sustains one or more NPG core capabilities</li> <li>Area Maritime Security Plan and/or Captain of the Port Priorities</li> </ul>
Response	<p>In 2011, the Wilmington Fire Department purchased a type II fireboat for 4 million dollars using Port Security grant funds. The prior grant identified that the fireboat provides maritime domain awareness while patrolling a vast area of the Sector Delaware Bay. The vessel also fulfills response and recovery criteria by responding to incidents on the water. The vessel is equipped to respond to a CBRNE incident. This investment will protect the crew of the fire boat while operating in cold water. The boat is equipped with an inflatable canister lifeboat to use if the fireboat was to become damaged and had to be abandoned. Currently if the life boat needs to be deployed during a cold water event the crew has no thermal protection other than their uniforms. In the water below 50° F crew survival without protection is 30-60 minutes. In water 32.5° F the amount of time before a crew member would be rendered unconscious would be less than 15 minutes. The sector covered by the Wilmington Fire Department includes several National Protection Plan Level II Assets. ( NP Enhancing Domain Awareness, Port Recovery, IED and CBRNE Response and Recovery)</p> <p>The Wilmington Fire Department Vessel would respond to any vehicle/vessel borne IED, assault by terrorists, passenger/passersby incidents to help mitigate the situation by providing a firefighting platform, mass casualty triage and/or assistance with environmental protection. During these incidents, the vessel has a joint mobile command post onboard equipped for both fire and law enforcement operations. The vessel also serves as the primary dive platform for Delaware State Police. If during one of these events we were to have an event that led to the sinking of our boat the crew would be exposed to the cold water. This exposure could result in death to a crew member in less than 15 minutes.</p>

### III. Impact

III.A. Describe how the project offers the highest risk reduction potential at the least cost.	
Response Type	Narrative
Page Limit	Not to exceed 1/2 page
Response Instructions	<ul style="list-style-type: none"> <li>Discuss how the project will reduce risk in a cost effective manner <ul style="list-style-type: none"> <li>Discuss how this investment will reduce risk (e.g., reduce vulnerabilities or mitigate the consequences of an event) by addressing the needs and priorities identified in earlier analysis and review</li> </ul> </li> </ul>
Response	The funding would provide the high level of thermal protection should a member need to abandon the fireboat in cold water. Without this protection a member who is immersed in near freezing water could be rendered unconscious and maybe even death in less than 15 minutes.

III.B. Describe current capabilities similar to this investment	
Response Type	Narrative
Page Limit	Not to exceed 1/2 page
Response Instructions	<ul style="list-style-type: none"> <li>Describe how many agencies within the port have existing equipment that are the same or have similar capacity as the proposed project</li> </ul>

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	<ul style="list-style-type: none"> <li>• Include the number of existing capabilities within the port that are identical or equivalent to the proposed project</li> </ul>
Response	Currently the Wilmington Fire Department has no immersion suits on board the 70' fireboat.

#### IV. Funding & Implementation Plan

- Complete the IV.A. to identify the amount of funding you are requesting for this investment only
- Funds should be requested by allowable cost categories as identified below
- Applicants must make funding requests that are reasonable and justified by direct linkages to activities outlined in this particular investment

The following template illustrates how the applicants should indicate the amount of FY 2013 PSGP funding required for the investment and how these funds will be allocated across the cost elements.

IV. A. Investment Funding Plan	FY 2016 PSGP Request Total	Match	Grand Total
Maritime Domain Awareness			
IED and CBRNE Prevention, Protection, Response and Recovery Capabilities			
Training			
Exercises			
TWIC Implementation			
Operational Costs			
M&A	3352	0	3352
Total	3352	0	3352

IV.B. Provide a high-level timeline, milestones and dates, for the implementation of this investment such as stakeholder engagement, planning, major acquisitions or purchases, training, exercises, and process/policy updates. Up to 10 milestones may be provided.	
Response Type	Narrative
Page Limit	Not to exceed 1 page
Response Instructions	<i>Note: Investments will be evaluated on the expected impact on security relative to the amount of the investment (i.e., cost effectiveness). An itemized Budget Detail Worksheet and Budget Narrative must also be completed for this investment. See following section for a sample format</i>
Response	<ul style="list-style-type: none"> <li>• Upon notification of the grant funding the Wilmington Fire Department will solicit quotes for the immersion suits</li> <li>• Jan 2016 Purchase immersion suits.</li> <li>• December 2016 - Project complete and begin closeout of grant.</li> </ul>

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**FY 2015 PORT SECURITY GRANT PROGRAM (PSGP)  
CITY OF WILMINGTON FIRE DEPARTMENT  
PROJECT 2 WATER RESCUE EQUIPMENT  
BUDGET DETAIL WORKSHEET**

**D. Equipment.** List non-expendable items that are to be purchased. Non-expendable equipment is tangible property having a useful life of more than one year. (Note: Organization's own capitalization policy and threshold amount for classification of equipment may be used). Expendable items should be included either in the "Supplies" category or in the "Other" category. Applicants should analyze the cost benefits of purchasing versus leasing equipment, especially high cost items and those subject to rapid technical advances. Rented or leased equipment costs should be listed in the "Contractual" category. Explain how the equipment is necessary for the success of the project. Attach a narrative describing the procurement method to be used.

Item	Computation	Cost
The funding will be used to purchase water rescue suits with fleece	10 @ 783	7830
Work boot Wet shoe in various sizes	12 @ \$63	756
Water rescue helmets	8@ \$48.25	386
Water Rescue PFD	12@ \$148	1776
<b>Total Equipment</b>		<b>10748</b>

**Budget Summary** - When you have completed the budget worksheet, transfer the totals for each category to the spaces below. Compute the total direct costs and the total project costs. Indicate the amount of Federal funds requested and the amount of non-Federal funds that will support the project.

Budget Category	Federal Amount	Non-Federal Amount
A. Personnel		
B. Fringe Benefits		
C. Travel		
D. Equipment	10748	0
E. Supplies		
F. Consultants/Contracts		
G. Other		
H. Indirect Costs		

Total Requested Federal Amount	Total Non-Federal Amount
10748	0
<b>Combined Total Project Costs</b>	
10748	

## FY 2015 PORT SECURITY GRANT PROGRAM (PSGP)

<b>Investment Heading</b>	
<b>Port Area</b>	<b>Delaware Bay</b>
<b>State</b>	<b>Delaware</b>
<b>Applicant Organization</b>	<b>Wilmington Fire Department</b>
<b>Investment Name</b>	<b>Water Rescue and Crew Safety equipment</b>
<b>Investment Amount</b>	<b>\$10,748</b>

### I. Background

*Note: This section only needs to be completed once per application, regardless of the number of investments proposed. The information in this section provides background and context for the investment(s) requested, but does not represent the evaluation criteria used by DHS for rating individual investment proposals.*

I. Provide an overview of the port area, MTSA regulated facility, or MTSA regulated vessel	
<b>Response Type</b>	<b>Narrative</b>
<b>Page Limit</b>	<b>Not to exceed 1 page</b>
<b>Response Instructions</b>	<ul style="list-style-type: none"> <li>• Area of Operations:               <ul style="list-style-type: none"> <li>- Identify COTP Zone</li> <li>- Identify eligible port area</li> <li>- Identify exact location of project site (i.e., physical address of facility being enhanced)</li> <li>- Identify who the infrastructure (project site) is owned or operated by, if not by your own organization</li> </ul> </li> <li>• Point(s) of contact for organization (include contact information):               <ul style="list-style-type: none"> <li>- Identify the organization's Authorizing Official for entering into grant agreement, including contact information</li> <li>- Identify the organization's primary point of contact for management of the project(s)</li> </ul> </li> <li>• Ownership or Operation:               <ul style="list-style-type: none"> <li>- Identify whether the applicant is a private entity or a State or local agency</li> </ul> </li> <li>• Role in providing layered protection of regulated entities (applicable to State or local agencies only):               <ul style="list-style-type: none"> <li>- Describe your organization's specific roles, responsibilities and activities in delivering layered protection</li> </ul> </li> <li>• Important features:               <ul style="list-style-type: none"> <li>- Describe any operational issues you deem important to the consideration of your application (e.g., interrelationship of your operations with other eligible high-risk ports, etc.)</li> </ul> </li> <li>• Ferry systems required data:               <ul style="list-style-type: none"> <li>• Infrastructure</li> <li>• Ridership data</li> <li>• Number of passenger miles</li> <li>• Number of vehicles per vessel, if any</li> <li>• Types of service and other important features</li> </ul> </li> <li>• System map               <ul style="list-style-type: none"> <li>• Geographical borders of the system and the cities and counties served</li> </ul> </li> </ul>

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Response	<p>The Wilmington Fire Department's fire boat is located at 500 Swedes Landing Rd in Wilmington Delaware.</p> <p>COPT Zone – Sector Delaware Bay.</p> <p>Eligible Port Area – The Wilmington Department's response area includes the Ports of Wilmington, New Castle, and Marcus Hook. All these ports are located in Delaware Bay Port Area.</p> <ul style="list-style-type: none"> <li>• Point(s) of contact for organization (include contact information): <ul style="list-style-type: none"> <li>- Point of Contact - Carl Zipfel, Battalion Chief, 302-333-7718, <a href="mailto:carl.zipfel@CJ.state.de.us">carl.zipfel@CJ.state.de.us</a></li> <li>- Authorizing Official - Anthony Goode, Chief of Fire, 302-576-3950, <a href="mailto:anthony.goode@CJ.state.de.us">anthony.goode@CJ.state.de.us</a></li> </ul> </li> <li>• Ownership or Operation: <ul style="list-style-type: none"> <li>- Local government</li> </ul> </li> <li>• Role in providing layered protection of regulated entities (applicable to State or local agencies only): <ul style="list-style-type: none"> <li>- The Wilmington Fire Department is the primary responder for providing a water borne platform for fire protection, EMS, and law enforcement for the City of Wilmington and the Port of Wilmington. Through Mutual-Aid agreements, the fire department responds to assist other agencies within the Delaware Bay Sector for response to natural or manmade disasters, fires, hazmats, environmental incidents, port security issues, IED's and WMD in Sector Delaware Bay. The department provides the only major response vessel for SRMP from Philadelphia South to Segments Del River South and Del Bay to support significant and sustained operations.</li> </ul> </li> <li>• Important features: The Wilmington Fire Department consist of 172 uniform members that completed ICS 100,200 and all officers have completed ICS 300,700,</li> </ul> <p>The Wilmington Fire Department provides the primary dive platform for the Delaware State Police Maritime Unit utilizing our 70 foot Fireboat.</p>
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## II. Strategic and Program Priorities

II.A. Provide a brief abstract of the Investment list just ONE investment.	
Response Type	Narrative
Page Limit	Not to exceed 1/2 page
Response Instructions	Provide a succinct statement summarizing this investment
Response	The Wilmington Fire Department is requesting funding to purchase crew survival immersion suits for use on the 70' Fireboat purchased using prior PSPG funds.

II.B. Describe how the Investment will address one or more of the PSGP priorities, NPG core capabilities, and Area Maritime Security Plan or COTP Priorities (how it corresponds with PRMP for Group I and II)	
Response Type	Narrative
Page Limit	Not to exceed 1/2 page

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Response Instructions	<ul style="list-style-type: none"> <li>• Describe how, and the extent to which, the investment addresses:</li> <li>• Describe how the investment builds or sustains one or more NPG core capabilities</li> <li>• Area Maritime Security Plan and/or Captain of the Port Priorities</li> </ul>
Response	<p>In 2011 the Wilmington Fire Department purchased a type II fireboat for 4 million dollars using Port Security grant funds. The prior grant identified that the fireboat provides maritime domain awareness while patrolling a vast area of the Sector Delaware Bay. The vessel also fulfills response and recovery criteria by responding to incidents on the water. The vessel is equipped to respond to a CBRNE incident.</p> <p>The Wilmington fire department is requesting water rescue equipment to be used by members while operating on the boat. During a recent mission while assisting New Castle County Police and The State of Delaware Medical Examiner recover a body we identified the need for this equipment. We were tasked to recover a body in a marsh that was several feet off the shore of the Delaware River. The Wilmington Fire Department responded to the scene using the fire boat. In order to reach the shore the crew deployed the zodiac from the boat and made their way to shore with the Medical Examiner on board. During the trip from the fireboat to the shore the crew was soaked by water coming over the gunnels. The use of dry suits would have prevented this from happening. Additionally the suits will be used when operating on the deck when there is a possibility of falling in the water. Such incidents would be when assisting DSP dive team or aviation units, or water rescue of people in the water. All these situations are possible when we respond to any IES or CBRNE incidents or any TS#1 or TS#2 incidents. The Wilmington Fire Department Vessel would respond to any vehicle/vessel borne IED, assault by terrorists, passenger/passersby incidents to help mitigate the situation by providing a firefighting platform, mass casualty triage and/or assistance with environmental protection. During these incidents the vessel has a joint mobile command post onboard equipped for both fire and law enforcement operations. The vessel also serves as the primary dive platform for Delaware State Police.</p>

### III. Impact

<b>III.A. Describe how the project offers the highest risk reduction potential at the least cost.</b>	
Response Type	Narrative
Page Limit	Not to exceed 1/2 page
Response Instructions	<ul style="list-style-type: none"> <li>• Discuss how the project will reduce risk in a cost effective manner <ul style="list-style-type: none"> <li>- Discuss how this investment will reduce risk (e.g., reduce vulnerabilities or mitigate the consequences of an event) by addressing the needs and priorities identified in earlier analysis and review</li> </ul> </li> </ul>
Response	<p>The funding would provide the high level of protection during water rescue and small boat operations. The funding would cover the cost of dry suits with liners, helmets, suit boots, fins and rescue PFDs in various sizes. If these suits are not available we may not be able to fully complete our mission during a mission due to not having the correct equipment.</p>

<b>III.B. Describe current capabilities similar to this investment</b>	
Response Type	Narrative

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Page Limit	Not to exceed 1/2 page
Response Instructions	<ul style="list-style-type: none"> <li>Describe how many agencies within the port have existing equipment that are the same or have similar capacity as the proposed project</li> <li>Include the number of existing capabilities within the port that are identical or equivalent to the proposed project</li> </ul>
Response	Currently the Wilmington Fire Department has no water rescue suits on board the 70' fireboat.

#### IV. Funding & Implementation Plan

- Complete the IV.A. to identify the amount of funding you are requesting for this investment only
- Funds should be requested by allowable cost categories as identified below
- Applicants must make funding requests that are reasonable and justified by direct linkages to activities outlined in this particular investment

The following template illustrates how the applicants should indicate the amount of FY 2015 PSGP funding required for the investment and how these funds will be allocated across the cost elements.

IV.A. Investment Funding Plan	FY 2015 PSGP Request Total	Match	Grand Total
Maritime Domain Awareness			
IED and CBRNE Prevention, Protection, Response and Recovery Capabilities	10748	0	10748
Training			
Exercises			
TWIC Implementation			
Operational Costs			
M&A			
Total	10748	0	10748

<b>IV.B. Provide a high-level timeline, milestones and dates, for the implementation of this investment such as stakeholder engagement, planning, major acquisitions or purchases, training, exercises, and process/policy updates. Up to 10 milestones may be provided.</b>	
Response Type	Narrative
Page Limit	Not to exceed 1 page
Response Instructions	<i>Note: Investments will be evaluated on the expected impact on security relative to the amount of the investment (i.e., cost effectiveness). An itemized Budget Detail Worksheet and Budget Narrative must also be completed for this investment. See following section for a sample format</i>
Response	<ul style="list-style-type: none"> <li>Upon notification of the grant funding the Wilmington Fire Department will solicit quotes for the equipment</li> <li>Jan 2016 Purchase equipment</li> <li>December 2016 - Project complete and begin closeout of grant.</li> </ul>

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Project not awarded

**FY 2015 PORT SECURITY GRANT PROGRAM (PSGP)  
CITY OF WILMINGTON FIRE DEPARTMENT  
PROJECT 3 WATER PROOF DRONE WITH CAMERA  
BUDGET DETAIL WORKSHEET**

**D. Equipment.** List non-expendable items that are to be purchased. Non-expendable equipment is tangible property having a useful life of more than one year. (Note: Organization's own capitalization policy and threshold amount for classification of equipment may be used). Expendable items should be included either in the "Supplies" category or in the "Other" category. Applicants should analyze the cost benefits of purchasing versus leasing equipment, especially high cost items and those subject to rapid technical advances. Rented or leased equipment costs should be listed in the "Contractual" category. Explain how the equipment is necessary for the success of the project. Attach a narrative describing the procurement method to be used.

Item	Computation	Cost
quad copter with accessories	1 @ \$2100	\$2100
Camera for qua dcopter	1 @ \$500	\$500
	<b>Total Equipment</b>	<b>\$2600</b>

**Budget Summary** - When you have completed the budget worksheet, transfer the totals for each category to the spaces below. Compute the total direct costs and the total project costs. Indicate the amount of Federal funds requested and the amount of non-Federal funds that will support the project.

Budget Category	Federal Amount	Non-Federal Amount
A. Personnel		
B. Fringe Benefits		
C. Travel		
D. Equipment	\$2600	0
E. Supplies		
F. Consultants/Contracts		
G. Other		
H. Indirect Costs		

Total Requested Federal Amount	Total Non-Federal Amount
2600	0
Combined Total Project Costs	
2600	



## FY 2015 PORT SECURITY GRANT PROGRAM (PSGP)

Investment Heading	
Port Area	Delaware Bay
State	Delaware
Applicant Organization	Wilmington Fire Department
Investment Name	Water Proof Drone With Camera
Investment Amount	\$2600

### I. Background

*Note: This section only needs to be completed once per application, regardless of the number of investments proposed. The information in this section provides background and context for the investment(s) requested, but does not represent the evaluation criteria used by DHS for rating individual investment proposals.*

I. Provide an overview of the port area, MTSA regulated facility, or MTSA regulated vessel	
Response Type	Narrative
Page Limit	Not to exceed 1 page
Response Instructions	<ul style="list-style-type: none"> <li>• Area of Operations:                             <ul style="list-style-type: none"> <li>- Identify COTP Zone</li> <li>- Identify eligible port area</li> <li>- Identify exact location of project site (i.e., physical address of facility being enhanced)</li> <li>- Identify who the infrastructure (project site) is owned or operated by, if not by your own organization</li> </ul> </li> <li>• Point(s) of contact for organization (include contact information):                             <ul style="list-style-type: none"> <li>- Identify the organization's Authorizing Official for entering into grant agreement, including contact information</li> <li>- Identify the organization's primary point of contact for management of the project(s)</li> </ul> </li> <li>• Ownership or Operation:                             <ul style="list-style-type: none"> <li>- Identify whether the applicant is a private entity or a State or local agency</li> </ul> </li> <li>• Role in providing layered protection of regulated entities (applicable to State or local agencies only):                             <ul style="list-style-type: none"> <li>- Describe your organization's specific roles, responsibilities and activities in delivering layered protection</li> </ul> </li> <li>• Important features:                             <ul style="list-style-type: none"> <li>- Describe any operational issues you deem important to the consideration of your application (e.g., interrelationship of your operations with other eligible high-risk ports, etc.)</li> </ul> </li> <li>• Ferry systems required data:                             <ul style="list-style-type: none"> <li>• Infrastructure</li> <li>• Ridership data</li> <li>• Number of passenger miles</li> <li>• Number of vehicles per vessel, if any</li> <li>• Types of service and other important features</li> <li>• System map</li> </ul> </li> <li>• Geographical borders of the system and the cities and counties served</li> </ul>

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Response	<p>The Wilmington Fire Department's fire boat is located at 500 Swedes Landing Rd in Wilmington Delaware.</p> <p>COPT Zone – Sector Delaware Bay.</p> <p>Eligible Port Area – The Wilmington Department's response area includes the Ports of Wilmington, New Castle, and Marcus Hook. All these ports are located in Delaware Bay Port Area.</p> <ul style="list-style-type: none"> <li>• Point(s) of contact for organization (include contact information): <ul style="list-style-type: none"> <li>- Point of Contact - Carl Zipfel, Battalion Chief, 302-333-7718, <a href="mailto:carl.zipfel@CJ.state.de.us">carl.zipfel@CJ.state.de.us</a></li> <li>- Authorizing Official - Anthony Goode, Chief of Fire, 302-576-3950, <a href="mailto:anthony.goode@CJ.state.de.us">anthony.goode@CJ.state.de.us</a></li> </ul> </li> <li>• Ownership or Operation: <ul style="list-style-type: none"> <li>- Local government</li> </ul> </li> <li>• Role in providing layered protection of regulated entities (applicable to State or local agencies only): <ul style="list-style-type: none"> <li>- The Wilmington Fire Department is the primary responder for providing a water borne platform for fire protection, EMS, and law enforcement for the City of Wilmington and the Port of Wilmington. Through Mutual-Aid agreements, the fire department responds to assist other agencies within the Delaware Bay Sector for response to natural or manmade disasters, fires, hazmats, environmental incidents, port security issues, IED's and WMD in Sector Delaware Bay. The department provides the only major response vessel for SRMP from Philadelphia South to Segments Del River South and Del Bay to support significant and sustained operations.</li> </ul> </li> <li>• Important features: <p>The Wilmington Fire Department consist of 172 uniform members that completed ICS 100,200 and all officers have completed ICS 300,700,</p> <p>The Wilmington Fire Department provides the primary dive platform for the Delaware State Police Maritime Unit utilizing our 70 foot Fireboat.</p> </li> </ul>
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## II. Strategic and Program Priorities

II.A. Provide a brief abstract of the investment list just ONE investment.	
Response Type	Narrative
Page Limit	Not to exceed 1/2 page
Response Instructions	Provide a succinct statement summarizing this investment
Response	The Wilmington Fire department is requesting funding for a water proof remotely piloted quad copter for use on the 70' Fireboat purchased using prior PSPG funds.

II.B. Describe how the investment will address one or more of the PSGP priorities, NPG core capabilities, and Area Maritime Security Plan or COTR Priorities (how it corresponds with PRMP for Group I and II)	
Response Type	Narrative
Page Limit	Not to exceed 1/2 page

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Response structure	<ul style="list-style-type: none"> <li>• Describe how, and the extent to which, the investment addresses:</li> <li>• Describe how the investment builds or sustains one or more NPG core capabilities</li> <li>• Area Maritime Security Plan and/or Captain of the Port Priorities</li> </ul>
Response	<p>In 2011 the Wilmington Fire Department purchased a type II fireboat for 4 million dollars using Port Security grant funds. The prior grant identified that the fireboat provides maritime domain awareness while patrolling a vast area of the Sector Delaware Bay. The vessel also fulfills response and recovery criteria by responding to incidents on the water.</p> <p>The Wilmington Fire department is requesting funding for a water proof remotely piloted quad copter would greatly enhance our ability to provide maritime domain awareness by transmitting real-time video back to the fireboat from a safe distance. This quad copter would aid in maritime awareness and Area Maritime Security Plan (TSI#1, TSI #2 and TSI#3) by providing the following capabilities. If there was an incident on the water and we needed to get a closer look while staying back at a safe distance we would deploy the quad copter. Using its onboard camera the quad copter would aid both fire and law enforcement by being able to transmit back in real time high definition video so they can make an informed decision before taking action during a terrorist attack or other events. The quad copter could also be used to inspect structures and vessels during a heightened state of alertness without endangering a boat or flight crew. This inspection could aid in the detection of both an IED and terrorists hiding on a vessel or nearby structure. The quad copter would be small enough to fly under both bridges and piers for inspections. The quad copter will be capable of deploying a small heaving line to another vessel or the shore using a payload release mechanism. This heaving line would then be pulled by someone on the deck of a ship or land to retrieve a larger line such as a mooring or tow line from the fire boat. During a water rescue, the copter would be able to deliver an inflatable floatation device to a person in the water. This would be a far more accurate and safer way than using our current line gun. The drone is also capable of carrying a sighting flare with an adapter and hover over a fixed point with the flare for over 15 minutes</p> <p>The Wilmington Fire Department Vessel would respond to any vehicle/vessel borne IED, assault by terrorists, passenger/passersby incidents to help mitigate the situation by providing a firefighting platform, mass casualty triage and/or assistance with environmental protection. During these incidents the vessel has a joint mobile command post onboard equipped for both fire and law enforcement operations.</p>

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### III. Impact

III.A. Describe how the project offers the highest risk reduction potential at the least cost.	
Response Type	Narrative
Page Limit	Not to exceed 1/2 page
Response Instructions	<ul style="list-style-type: none"> <li>• Discuss how the project will reduce risk in a cost effective manner               <ul style="list-style-type: none"> <li>- Discuss how this investment will reduce risk (e.g., reduce vulnerabilities or mitigate the consequences of an event) by addressing the needs and priorities identified in earlier analysis and review</li> </ul> </li> </ul>
Response	This would be a very cost effective way of delivering aerial video back to the fireboat in real time. The quad copter would not be a replacement to current aviation units. It would enhance current aerial capabilities by providing a short duration flight and would be deployed from the fireboat on scene. After the initial investment there would be little to no operating costs. The quad copter will operate on rechargeable batteries. There will be very only a limited amount of training to fly the quad copter.

III.B. Describe current capabilities similar to this investment	
Response Type	Narrative
Page Limit	Not to exceed 1/2 page
Response Instructions	<ul style="list-style-type: none"> <li>• Describe how many agencies within the port have existing equipment that are the same or have similar capacity as the proposed project</li> <li>• Include the number of existing capabilities within the port that are identical or equivalent to the proposed project</li> </ul>
Response	Wilmington police currently have a similar quad copter for aerial in surveillance but it is not suitable for the marine environment. Wilmington polices quad copter also lacks the capability to deploy lines and inflatable floatation devices. The quad copter we are requesting funding for will both be water proof and can land in the water if the need arises.

### IV. Funding & Implementation Plan

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- Complete the IV.A. to identify the amount of funding you are requesting for this investment only
- Funds should be requested by allowable cost categories as identified below
- Applicants must make funding requests that are reasonable and justified by direct linkages to activities outlined in this particular Investment

The following template illustrates how the applicants should indicate the amount of FY 2013 PSGP funding required for the investment and how these funds will be allocated across the cost elements.

IV.A. Investment Funding Plan	FY 2015 PSGP Request Total	Match	Grand Total
Maritime Domain Awareness	2600	0	2600
IED and OBRNE Prevention, Protection, Response and Recovery Capabilities			
Training			
Exercises			
TWIC Implementation			
Operational Costs			
M&A		0	
Total	2600	0	2600

IV.B. Provide a high-level timing, milestones and dates, for the implementation of this investment such as stakeholder engagement, planning, major acquisitions or purchases, training, exercises, and process/policy updates. Up to 10 milestones may be provided.	
Response Type	Narrative
Page Limit	Not to exceed 1 page
Response Instructions	<i>Note: Investments will be evaluated on the expected impact on security relative to the amount of the investment (i.e., cost effectiveness). An itemized Budget Detail Worksheet and Budget Narrative must also be completed for this investment. See following section for a sample format</i>
Response	<ul style="list-style-type: none"> <li>• Upon notification of the grant funding the Wilmington Fire Department will solicit quotes for the quad copter</li> <li>• Jan 2016 Purchase quad copter</li> <li>• Feb 2016 Training and deployment of the quad copter.</li> <li>• December 2016 - Project complete and begin closeout of grant.</li> </ul>

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**FY 2015 PORT SECURITY GRANT PROGRAM (PSGP)  
CITY OF WILMINGTON FIRE DEPARTMENT  
PROJECT 4 AIR MONITORING  
BUDGET DETAIL WORKSHEET**

**D. Equipment:** List non-expendable items that are to be purchased. Non-expendable equipment is tangible property having a useful life of more than one year. (Note: Organization's own capitalization policy and threshold amount for classification of equipment may be used). Expendable items should be included either in the "Supplies" category or in the "Other" category. Applicants should analyze the cost benefits of purchasing versus leasing equipment, especially high cost items and those subject to rapid technical advances. Rented or leased equipment costs should be listed in the "Contractual" category. Explain how the equipment is necessary for the success of the project. Attach a narrative describing the procurement method to be used.

Item	Computation	Cost
4 gas meter with pumps	2 @ 1023	\$2046
Calibration system with gas for meters	1 @ \$854	\$854
<b>Total Equipment</b>		\$2900

**Budget Summary** - When you have completed the budget worksheet, transfer the totals for each category to the spaces below. Compute the total direct costs and the total project costs. Indicate the amount of Federal funds requested and the amount of non-Federal funds that will support the project.

Budget Category	Federal Amount	Non-Federal Amount
A. Personnel		
B. Fringe Benefits		
C. Travel		
D. Equipment	\$2900	0
E. Supplies		
F. Consultants/Contracts		
G. Other		
H. Indirect Costs		

Total Requested Federal Amount	Total Non-Federal Amount
2900	0
<b>Combined Total Project Costs</b>	
2900	

## FY 2015 PORT SECURITY GRANT PROGRAM (PSGP)

Investment Heading	
Port Area	Delaware Bay
State	Delaware
Applicant Organization	Wilmington Fire Department
Investment Name	Air Monitoring
Investment Amount	\$2900

### I. Background

*Note: This section only needs to be completed once per application, regardless of the number of investments proposed. The information in this section provides background and context for the investment(s) requested, but does not represent the evaluation criteria used by DHS for rating individual investment proposals.*

I. Provide an overview of the port area, MTSA regulated facility, or MTSA regulated vessel	
Response Type	Narrative
Page Limit	Not to exceed 1 page
Response Instructions	<ul style="list-style-type: none"> <li>• Area of Operations:                             <ul style="list-style-type: none"> <li>- Identify COTP Zone</li> <li>- Identify eligible port area</li> <li>- Identify exact location of project site (i.e., physical address of facility being enhanced)</li> <li>- Identify who the infrastructure (project site) is owned or operated by, if not by your own organization</li> </ul> </li> <li>• Point(s) of contact for organization (include contact information):                             <ul style="list-style-type: none"> <li>- Identify the organization's Authorizing Official for entering into grant agreement, including contact information</li> <li>- Identify the organization's primary point of contact for management of the project(s)</li> </ul> </li> <li>• Ownership or Operation:                             <ul style="list-style-type: none"> <li>- Identify whether the applicant is a private entity or a State or local agency</li> </ul> </li> <li>• Role in providing layered protection of regulated entities (applicable to State or local agencies only):                             <ul style="list-style-type: none"> <li>- Describe your organization's specific roles, responsibilities and activities in delivering layered protection</li> </ul> </li> <li>• Important features:                             <ul style="list-style-type: none"> <li>- Describe any operational issues you deem important to the consideration of your application (e.g., interrelationship of your operations with other eligible high-risk ports, etc.)</li> </ul> </li> <li>• Ferry systems required data:                             <ul style="list-style-type: none"> <li>• Infrastructure</li> <li>• Ridership data</li> <li>• Number of passenger miles</li> <li>• Number of vehicles per vessel, if any</li> <li>• Types of service and other important features</li> <li>• System map</li> </ul> </li> </ul> <p style="margin-left: 20px;">Geographical borders of the system and the cities and counties served</p>

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Response	<p>The Wilmington Fire Department's fire boat is located at 500 Swedes Landing Rd in Wilmington Delaware.</p> <p>COPT Zone – Sector Delaware Bay.</p> <p>Eligible Port Area – The Wilmington Department's response area includes the Ports of Wilmington, New Castle, and Marcus Hook. All these ports are located in Delaware Bay Port Area.</p> <ul style="list-style-type: none"> <li>• Point(s) of contact for organization (include contact information): <ul style="list-style-type: none"> <li>- Point of Contact - Carl Zipfel, Battalion Chief, 302-333-7718, <a href="mailto:carl.zipfel@CJ.state.de.us">carl.zipfel@CJ.state.de.us</a></li> <li>- Authorizing Official - Anthony Goode, Chief of Fire, 302-576-3950, <a href="mailto:anthony.goode@CJ.state.de.us">anthony.goode@CJ.state.de.us</a></li> </ul> </li> <li>• Ownership or Operation: <ul style="list-style-type: none"> <li>- Local government</li> </ul> </li> <li>• Role in providing layered protection of regulated entities (applicable to State or local agencies only): <ul style="list-style-type: none"> <li>- The Wilmington Fire Department is the primary responder for providing water borne platform for fire protection, EMS, and law enforcement for the City of Wilmington and the Port of Wilmington. Through Mutual-Aid agreements, the fire department responds to assist other agencies within the Delaware Bay Sector for response to natural or manmade disasters, fires, hazmats, environmental incidents, port security issues, IED's and WMD in Sector Delaware Bay. The department provides the only major response vessel for SRMP from Philadelphia South to Segments Del River South and Del Bay to support significant and sustained operations.</li> </ul> </li> <li>• Important features: The Wilmington Fire Department consist of 172 uniform members that completed ICS 100,200 and all officers have completed ICS 300,700,</li> </ul> <p>The Wilmington Fire Department provides the primary dive platform for the Delaware State Police Maritime Unit utilizing our 70 foot Fireboat.</p>
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## II. Strategic and Program Priorities

II.A. Provide a brief abstract of the investment list just ONE investment.	
Response Type	Narrative
Page Limit	Not to exceed 1/2 page
Response Instructions	Provide a succinct statement summarizing this investment
Response	The Wilmington Fire Department is requesting funding to purchase 2 multi gas meters with pumps and a calibration station for use on the fireboat

II.B. Describe how the investment will address one or more of the PSGP priorities, NPG core capabilities, and Area Maritime Security Plan or COTP Priorities (how it corresponds with PRMP for Group I and II)	
Response Type	Narrative
Page Limit	Not to exceed 1/2 page
Response Instructions	• Describe how, and the extent to which, the investment addresses:

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<p><b>Response</b></p>	<ul style="list-style-type: none"> <li>• Describe how the investment builds or sustains one or more NPG core capabilities</li> <li>• Area Maritime Security Plan and/or Captain of the Port Priorities</li> </ul>
	<p>In 2011 the Wilmington Fire Department purchased a type II fireboat for 4 million dollars using Port Security grant funds. The prior grant identified that the fireboat provides maritime domain awareness while patrolling a vast area of the Sector Delaware Bay. The vessel also fulfills response and recovery criteria by responding to incidents on the water.</p> <p>The Wilmington Fire Department is requesting funding to purchase 2 four gas meters and a calibration unit. These meters are required during the response and recovery phase of an incident on a ship. Before entering a confined area in a ship such as a cargo hold or some other area not normally occupied by crews the air needs to be sampled prior to entry. The air sampling will detect if there is an explosive atmosphere, low or high oxygen, carbon monoxide and hydrogen sulfide. All of these hazardous conditions can be found on a ship. In 2005 3 crew members of a cruise ship were instantly killed when they were exposed to hydrogen sulfide from a ballast tank in a propeller room. Additionally 19 people responding to the deceased crew were sickened by the exposure. During a heightened maritime awareness situation, the meters could be used by law enforcement prior to inspecting areas of the ship to ensure it is a safe atmosphere for them to enter. The Wilmington fire boat has assisted law enforcement on several occasions due to its size and capabilities. During a fire on a ship, the meters would also be used to ensure that the atmosphere is safe to operate without the use of supplied air.</p> <p>The sector covered by the Wilmington Fire Department includes several National Protection Plan Level II Assets. ( NP Enhancing Domain Awareness, Port Recovery, IED and CBRNE Response and Recovery)</p> <p>The Wilmington Fire Department Vessel would respond to any vehicle/vessel borne IED, assault by terrorists, passenger/passersby incidents to help mitigate the situation by providing a firefighting platform, mass casualty triage and/or assistance with environmental protection. During these incidents, the vessel has a joint mobile command post onboard equipped for both fire and law enforcement operations</p>

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### III. Impact

III.A. Describe how the project offers the highest risk reduction potential at the least cost.	
Response Type	Narrative
Page Limit	Not to exceed 1/2 page
Response Instructions	<ul style="list-style-type: none"> <li>• Discuss how the project will reduce risk in a cost effective manner               <ul style="list-style-type: none"> <li>- Discuss how this investment will reduce risk (e.g., reduce vulnerabilities or mitigate the consequences of an event) by addressing the needs and priorities identified in earlier analysis and review</li> </ul> </li> </ul>
Response	This would be a very cost effective way of ensuring responding personnel to an incident are not exposed to a hazardous atmosphere. An acute exposure to a hazardous atmosphere can result in immediate death to the first responder.

III.B. Describe current capabilities similar to this investment	
Response Type	Narrative
Page Limit	Not to exceed 1/2 page
Response Instructions	<ul style="list-style-type: none"> <li>• Describe how many agencies within the port have existing equipment that are the same or have similar capacity as the proposed project</li> <li>• Include the number of existing capabilities within the port that are identical or equivalent to the proposed project</li> </ul>
Response	Currently we do not have any air sampling equipment on the fire boat.

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#### IV. Funding & Implementation Plan

- Complete the IV.A. to identify the amount of funding you are requesting for this investment only
- Funds should be requested by allowable cost categories as identified below
- Applicants must make funding requests that are reasonable and justified by direct linkages to activities outlined in this particular investment

The following template illustrates how the applicants should indicate the amount of FY 2013 PSGP funding required for the investment and how these funds will be allocated across the cost elements.

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Training			
Exercises			
TWIC Implementation			
Operational Costs			
M&A		0	
Total	2900	0	2900

IV.B. Provide a high-level timeline, milestones and dates, for the implementation of this investment such as stakeholder engagement, planning, major acquisitions or purchases, training, exercises, and process/policy updates. Up to 10 milestones may be provided.	
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Response	<ul style="list-style-type: none"> <li>• Upon notification of the grant funding the Wilmington Fire Department will solicit quotes for the meters and calibration equipment</li> <li>• Jan 2016 Purchase meters and calibration equipment</li> <li>• Feb 2016 Training and deployment of the meters and calibration equipment.</li> <li>• December 2016 - Project complete and begin closeout of grant.</li> </ul>

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