

Exhibit 300: Capital Asset Plan and Business Case Summary

Part I: Summary Information And Justification (All Capital Assets)

Section A: Overview (All Capital Assets)

1. Date of Submission:

2. Agency: Department of Commerce

3. Bureau: Noaa (Nws)

4. Name of this Capital Asset: NOAA/NWS/ NDBC Ocean Observing System of Systems (NOOSS)

5. Unique Project (Investment) Identifier: (For IT investment only, see section 53. For all other, use agency ID system.) 006-48-01-12-01-3119-00

6. What kind of investment will this be in FY 2010? (Please NOTE: Investments moving to O&M in FY 2010, with Planning/Acquisition activities prior to FY 2010 should not select O&M. These investments should indicate their current status.) Operations and Maintenance

7. What was the first budget year this investment was submitted to OMB? FY2001 or earlier

8. Provide a brief summary and justification for this investment, including a brief description of how this closes in part or in whole an identified agency performance gap:

National Data Buoy Center (NDBC) is comprised of a combination of NWS civil service employees, U.S. Coast Guard personnel, and a service contractor. NDBC executes, manages and serves as the NOOSS program office. The NOOSS component systems include moored buoys, Coastal Marine Automated Network stations, and Voluntary Observing Ship stations. The tsunami warning array stations were added in 2003 and the number of stations increased from 6 to 39 during 2005-2008 as part of the Strengthening the U.S. Tsunami Warning Program. The Pacific Tropical Atmosphere, Ocean array consisting of 55 moored buoys was added in 2005. The NOOSS is an integrated in-situ observing and data delivery system that provides accurate, quality controlled atmospheric/oceanographic data in real-time, 24x7x365, to the public, NOAA service and modeling communities, other government agencies, the private sector and universities.

NOOSS surface and oceanographic observations are a primary information source of NOAA's Goal Teams and over 15 NOAA operational Programs such as Local Forecasts and Warnings; Environmental Modeling; and Coasts, Estuaries and Oceans. The Commerce and Transportation Mission Goal outcome to increase transportation safety and productivity directly depends on NOOSS observations. The present NOOSS does not provide the temporal, spatial or diversity of measurements to adequately characterize the marine environment; and, it does not measure all the required parameters. In some coastal and ocean areas there is a total coverage gap, a data void. NOAA lacks the capacity to effectively operate and maintain the existing in-situ buoy infrastructure.

By fully funding this investment, NOOSS will have increased system availability (for buoy network), including observations for hurricane forecasting. NOAA and the nation will have improved ability to forecast and predict hazardous phenomena such as hurricanes, storm surge, floods, harmful algal blooms, and tsunamis. NOAA will benefit by filling in situ observation gaps: 1. Greater accuracy and timeliness of weather and water information will improve the ability to reduce coastal hazard impacts. 2. Increased lead time and accuracy for weather and water warnings and forecasts. 3. More effective development, application, and transition of advance science and technology to operations and services. 4. Develop data sets available for integration via IOOS DMAC standards. 5. Access and integrate non-NOAA observations.

9. Did the Agency's Executive/Investment Committee approve this request? Yes

a. If "yes," what was the date of this approval? 5/15/2006

10. Did the Project Manager review this Exhibit? Yes

a. What is the current FAC-P/PM (for civilian agencies) or DAWIA (for defense agencies) certification level of the program/project manager? New Program Manager

b. When was the Program/Project Manager Assigned? 8/4/2008

c. What date did the Program/Project Manager receive the FAC-P/PM certification? If the certification has not been issued, what is the anticipated date for certification? 9/1/2009

12. Has the agency developed and/or promoted cost effective, energy-efficient and environmentally sustainable techniques or practices for this project? Yes

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- a. Will this investment include electronic assets (including computers)? Yes
- b. Is this investment for new construction or major retrofit of a Federal building or facility? (answer applicable to non-IT assets only) No
1. If "yes," is an ESPC or UESC being used to help fund this investment?
2. If "yes," will this investment meet sustainable design principles?
3. If "yes," is it designed to be 30% more energy efficient than relevant code?
13. Does this investment directly support one of the PMA initiatives? Yes
- If "yes," check all that apply: R and D Investment Criteria
Expanded E-Government
- a. Briefly and specifically describe for each selected how this asset directly supports the identified initiative(s) (e.g. If E-Gov is selected, is it an approved shared service provider or the managing partner?) The NOOSS provides real-time quality controlled data to the public at the same time it delivers these data to the NOAA decision support systems and forecast watch standers. Public access to quality environmental data directly support is the direct support to the Expanded E-Government Initiative and R and D Investment Criteria, using performance Based Contracting.
14. Does this investment support a program assessed using the Program Assessment Rating Tool (PART)? (For more information about the PART, visit www.whitehouse.gov/omb/part.) Yes
- a. If "yes," does this investment address a weakness found during a PART review? No
- b. If "yes," what is the name of the PARTed program?
- c. If "yes," what rating did the PART receive? Effective
15. Is this investment for information technology? Yes
- If the answer to Question 15 is "Yes," complete questions 16-23 below. If the answer is "No," do not answer questions 16-23.
- For information technology investments only:
16. What is the level of the IT Project? (per CIO Council PM Guidance) Level 1
17. In addition to the answer in 11(a), what project management qualifications does the Project Manager have? (per CIO Council PM Guidance) (4) Project manager assigned but qualification status review has not yet started
18. Is this investment or any project(s) within this investment identified as "high risk" on the Q4 - FY 2008 agency high risk report (per OMB Memorandum M-05-23) No
19. Is this a financial management system? No
- a. If "yes," does this investment address a FFMIA compliance area? No
1. If "yes," which compliance area: N/A
2. If "no," what does it address?
- b. If "yes," please identify the system name(s) and system acronym(s) as reported in the most recent financial systems inventory update required by Circular A-11 section 52
20. What is the percentage breakout for the total FY2010 funding request for the following? (This should total 100%)
- | | |
|----------|----|
| Hardware | 19 |
| Software | 8 |
| Services | 19 |
| Other | 54 |
21. If this project produces information dissemination products for the public, are these products published to the Yes

Internet in conformance with OMB Memorandum 05-04 and included in your agency inventory, schedules and priorities?

23. Are the records produced by this investment appropriately scheduled with the National Archives and Records Administration's approval? Yes

Question 24 must be answered by all Investments:

24. Does this investment directly support one of the GAO High Risk Areas? No

Section B: Summary of Spending (All Capital Assets)

1. Provide the total estimated life-cycle cost for this investment by completing the following table. All amounts represent budget authority in millions, and are rounded to three decimal places. Federal personnel costs should be included only in the row designated "Government FTE Cost," and should be excluded from the amounts shown for "Planning," "Full Acquisition," and "Operation/Maintenance." The "TOTAL" estimated annual cost of the investment is the sum of costs for "Planning," "Full Acquisition," and "Operation/Maintenance." For Federal buildings and facilities, life-cycle costs should include long term energy, environmental, decommissioning, and/or restoration costs. The costs associated with the entire life-cycle of the investment should be included in this report.

Table 1: SUMMARY OF SPENDING FOR PROJECT PHASES (REPORTED IN MILLIONS)									
(Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions)									
	PY-1 and earlier	PY 2008	CY 2009	BY 2010					
Planning:	0	0	0	0					
Acquisition:	0	0	0	0					
Subtotal Planning & Acquisition:	0	0	0	0					
Operations & Maintenance:	4.825	4.125	4.525	4.525					
TOTAL:	4.825	4.125	4.525	4.525					
Government FTE Costs should not be included in the amounts provided above.									
Government FTE Costs	2.4	1.2	1.2	1.2					
Number of FTE represented by Costs:	22	11	11	11					

Note: For the multi-agency investments, this table should include all funding (both managing partner and partner agencies). Government FTE Costs should not be included as part of the TOTAL represented.

2. Will this project require the agency to hire additional FTE's? No

a. If "yes," How many and in what year?

3. If the summary of spending has changed from the FY2009 President's budget request, briefly explain those changes: There are two changes in the Summary of Spending tables.

1. The number of FTE and associated funding changes to reflect IT resources only. Previous numbers were for the total National Data Buoy Center, including non-IT resources.

2. The increase of IT resources beginning FY09 reflect the funding of the TOA Tech Refresh, Hurricane Buoy O&M, and Ocean Sensor O&M. These efforts were included in the FY08 President's Budget but did not make it through the appropriations process.

Section C: Acquisition/Contract Strategy (All Capital Assets)

1. Complete the table for all (including all non-Federal) contracts and/or task orders currently in place or planned for this investment. Total Value should include all option years for each contract. Contracts and/or task orders completed do not need to be included.

Contracts/Task Orders Table: * Costs in millions																
Contract or Task Order Number	Type of Contract/ Task Order (In accordance with FAR Part 16)	Has the contract been awarded (Y/N)	If so what is the date of the award? If not, what is the planned award date?	Start date of Contract/ Task Order	End date of Contract/ Task Order	Total Value of Contract/ Task Order (\$M)	Is this an Interagency Acquisition ? (Y/N)	Is it performance based? (Y/N)	Competitively awarded? (Y/N)	What, if any, alternative financing option is being used? (ESPC, UESC, EUL, N/A)	Is EVM in the contract? (Y/N)	Does the contract include the required security & privacy clauses? (Y/N)	Name of CO	CO Contact information (phone/email)	Contracting Officer FAC-C or DAWIA Certification Level (Level 1, 2, 3, N/A)	If N/A, has the agency determined the CO assigned has the competencies and skills necessary to support this acquisition ? (Y/N)
Q1035T027	IDIQ	Yes	7/1/2005	7/1/2005	9/30/2015	500.0	No	Yes	Yes	NA	No	Yes		228-688-2805 / marilyn.clark@noaa.gov	Level 3	

2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:

This contract supports a steady state program and is not a major IT or development contract. It provides sustaining engineering, operations, and maintenance services in support of the NOOSS.

3. Do the contracts ensure Section 508 compliance? Yes

a. Explain why not or how this is being done? The Department of Commerce and NOAA Contracting Offices require the inclusion of Section 508 compliance language in the statement of work for all IT development service contracts. In order to procure all COTS equipment and software, requestors are required to include with their purchase order or file the Government purchase card invoices as well as the vendors statement of compliance (Voluntary Product Assessability Template VPAT).

4. Is there an acquisition plan which reflects the requirements of FAR Subpart 7.1 and has been approved in accordance with agency requirements? Yes

a. If "yes," what is the date? 8/1/2004

1. Is it Current? Yes

b. If "no," will an acquisition plan be developed?

1. If "no," briefly explain why:

Section D: Performance Information (All Capital Assets)

In order to successfully address this area of the exhibit 300, performance goals must be provided for the agency and be linked to the annual performance plan. The investment must discuss the agency's mission and strategic goals, and performance measures (indicators) must be provided. These goals need to map to the gap in the agency's strategic goals and objectives this investment is designed to fill. They are the internal and external performance benefits this investment is expected to deliver to the agency (e.g., improve efficiency by 60 percent, increase citizen participation by 300 percent a year to achieve an overall citizen participation rate of 75 percent by FY 2xxx, etc.). The goals must be clearly measurable investment outcomes, and if applicable, investment outputs. They do not include the completion date of the module, milestones, or investment, or general goals, such as, significant, better, improved that do not have a quantitative or qualitative measure.

Agencies must use the following table to report performance goals and measures for the major investment and use the Federal Enterprise Architecture (FEA) Performance Reference Model (PRM). Map all Measurement Indicators to the corresponding "Measurement Area" and "Measurement Grouping" identified in the PRM. There should be at least one Measurement Indicator for each of the four different Measurement Areas (for each fiscal year). The PRM is available at www.egov.gov. The table can be extended to include performance measures for years beyond the next President's Budget.

Performance Information Table								
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
2006	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Customer Results	Service Quality	Accuracy of Service or Product Delivered	Total (NOAA/non-NOAA)Quality controlled marine observations from Non-NOOSS sites	3.5M quality controlled marine observations	Maintain Steady State Baseline	4.32M
2006	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Mission and Business Results	Environmental Management	Environmental Monitoring and Forecasting	NOAA Quality controlled marine observations from NOOSS sites	1.7M quality controlled marine observations	Maintain Steady State Baseline	1.85M
2006	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Processes and Activities	Quality	Complaints	NOOSS systems availability	NOOS - 85% TAO - 80% DART - 80%	Maintain Steady State Baseline	NOOS - 85% TAO - 80% DART - 80%

Exhibit 300: NOAA/NWS/ NDBC Ocean Observing System of Systems (NOOSS) (Revision 10)

Performance Information Table								
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
2006	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Technology	Reliability and Availability	Availability	% TAO stations refreshed	0% stations refreshed (0 of 55 completed)	Refresh Begins FY09	0% (0 of 55 completed)
2007	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Customer Results	Service Quality	Accuracy of Service or Product Delivered	Total (NOAA/non-NOAA) Quality controlled marine observations from Non-NOOSS sites	3.5M quality controlled marine observations	Maintain Steady State Baseline	7.41M
2007	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Mission and Business Results	Environmental Management	Environmental Monitoring and Forecasting	NOAA Quality controlled marine observations from NOOSS sites	1.7M quality controlled marine observations	Maintain Steady State Baseline	1.76M
2007	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Processes and Activities	Quality	Complaints	NOOSS systems availability	NOOS - 85% TAO - 80% DART - 80%	Maintain Steady State Baseline	NOOS - 84% TAO - 80% DART - 80%
2007	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Technology	Reliability and Availability	Availability	% TAO stations refreshed	0% stations refreshed (0 of 55 completed)	Refresh Begins FY09	0% (0 of 55 completed)
2008	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Customer Results	Service Quality	Accuracy of Service or Product Delivered	Total (NOAA/non-NOAA) Quality controlled marine observations from Non-NOOSS sites	3.5M quality controlled marine observations	Maintain Steady State Baseline	8.65M
2008	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Mission and Business Results	Environmental Management	Environmental Monitoring and Forecasting	NOAA Quality controlled marine observations from NOOSS sites	1.7M quality controlled marine observations	Maintain Steady State Baseline	1.92M
2008	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Processes and Activities	Quality	Complaints	NOOSS systems availability	NOOS - 85% TAO - 80% DART - 80%	Maintain Steady State Baseline	NOOS - 88% TAO - 82% DART - 85%

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Performance Information Table								
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	and environmental needs.							
2008	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Technology	Reliability and Availability	Availability	% TAO stations refreshed	0% stations refreshed (0 of 55 completed)	Refresh Begins FY09	0% (0 of 55 completed)
2009	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Customer Results	Service Quality	Accuracy of Service or Product Delivered	Total (NOAA/non-NOAA)Quality controlled marine observations from Non-NOOSS sites	3.5M quality controlled marine observations	Maintain Steady State Baseline	2.38M through Dec 31, 2008
2009	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Mission and Business Results	Environmental Management	Environmental Monitoring and Forecasting	NOAA Quality controlled marine observations from NOOSS sites	1.7M quality controlled marine observations	Maintain Steady State Baseline	508K through Dec 31, 2008
2009	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Processes and Activities	Quality	Complaints	NOOSS systems availability	NOOS - 85% TAO - 80% DART - 80%	Maintain Steady State Baseline	NOOS - 89% TAO - 82% DART - 87% through Dec 31, 2008
2009	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Technology	Reliability and Availability	Availability	% TAO stations refreshed	0% stations refreshed (0 of 55 completed)	0% (Refresh deployments begin in FY10)	0% (0 of 55 completed) through Dec 31, 2008
2010	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Customer Results	Service Quality	Accuracy of Service or Product Delivered	Total (NOAA/non-NOAA)Quality controlled marine observations from Non-NOOSS sites	3.5M quality controlled marine observations	Maintain Steady State Baseline	
2010	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Mission and Business Results	Environmental Management	Environmental Monitoring and Forecasting	NOAA Quality controlled marine observations from NOOSS sites	1.7M quality controlled marine observations	Maintain Steady State Baseline	
2010	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Processes and Activities	Quality	Complaints	NOOSS systems availability	NOOS - 85% TAO - 80% DART - 80%	Maintain Steady State Baseline	

Performance Information Table								
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	Earth's environment to meet America's economic, social, and environmental needs.							
2010	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Technology	Reliability and Availability	Availability	% TAO stations refreshed	0% stations refreshed (0 of 55 completed)	20% (11 of 55 completed)	

Section E: Security and Privacy (IT Capital Assets only)

8. Planning & Operational Systems - Privacy Table:					
(a) Name of System	(b) Is this a new system? (Y/N)	(c) Is there at least one Privacy Impact Assessment (PIA) which covers this system? (Y/N)	(d) Internet Link or Explanation	(e) Is a System of Records Notice (SORN) required for this system? (Y/N)	(f) Internet Link or Explanation
NOOSS Data Processing and Quality Control System	No	No	No, because the system does not contain, process, or transmit personal identifying information.	No	No because the system is not a Privacy Act system of records.

Details for Text Options:
 Column (d): If yes to (c), provide the link(s) to the publicly posted PIA(s) with which this system is associated. If no to (c), provide an explanation why the PIA has not been publicly posted or why the PIA has not been conducted.
 Column (f): If yes to (e), provide the link(s) to where the current and up to date SORN(s) is published in the federal register. If no to (e), provide an explanation why the SORN has not been published or why there isn't a current and up to date SORN.
 Note: Working links must be provided to specific documents not general privacy websites. Non-working links will be considered as a blank field.

Section F: Enterprise Architecture (EA) (IT Capital Assets only)

In order to successfully address this area of the capital asset plan and business case, the investment must be included in the agency's EA and Capital Planning and Investment Control (CPIC) process and mapped to and supporting the FEA. The business case must demonstrate the relationship between the investment and the business, performance, data, services, application, and technology layers of the agency's EA.

1. Is this investment included in your agency's target enterprise architecture? Yes
 - a. If "no," please explain why?

2. Is this investment included in the agency's EA Transition Strategy? Yes
 - a. If "yes," provide the investment name as identified in the Transition Strategy provided in the agency's most recent annual EA Assessment. C&T/PORTS/NWLON
 - b. If "no," please explain why?

3. Is this investment identified in a completed and approved segment architecture? Yes
 - a. If "yes," provide the six digit code corresponding to the agency segment architecture. The segment architecture codes are maintained by the agency Chief Architect. For detailed guidance regarding segment architecture codes, please refer to <http://www.egov.gov>. 276-000

Exhibit 300: NOAA/NWS/ NDBC Ocean Observing System of Systems (NOOSS) (Revision 10)

4. Service Component Reference Model (SRM) Table: Identify the service components funded by this major IT investment (e.g., knowledge management, content management, customer relationship management, etc.). Provide this information in the format of the following table. For detailed guidance regarding components, please refer to http://www.egov.gov .								
Agency Component Name	Agency Component Description	FEA SRM Service Domain	FEA SRM Service Type	FEA SRM Component (a)	Service Component Reused Name (b)	Service Component Reused UPI (b)	Internal or External Reuse? (c)	BY Funding Percentage (d)
WW-CEO-IOS IOOS	NOOSS O&M	Back Office Services	Asset / Materials Management	Computers / Automation Management			No Reuse	9
WW-CEO-IOS IOOSS	NOOSS O&M	Back Office Services	Data Management	Data Exchange			No Reuse	8
WW-CEO-IOS IOOSS	NOOSS O&M	Back Office Services	Data Management	Meta Data Management			No Reuse	1
WW-CEO-IOS IOOSS	NOOSS O&M	Back Office Services	Development and Integration	Data Integration			No Reuse	2
WW-CEO-IOS IOOSS	NOOSS O&M	Business Management Services	Management of Processes	Change Management			No Reuse	5
WW-CEO-IOS IOOSS	NOOSS O&M	Business Management Services	Management of Processes	Risk Management			No Reuse	5
WW-CEO-IOS IOOSS	NOOSS O&M	Digital Asset Services	Knowledge Management	Knowledge Capture			No Reuse	35
WW-CEO-IOS IOOSS	NOOSS O&M	Digital Asset Services	Knowledge Management	Knowledge Distribution and Delivery			No Reuse	35

- a. Use existing SRM Components or identify as "NEW". A "NEW" component is one not already identified as a service component in the FEA SRM.
- b. A reused component is one being funded by another investment, but being used by this investment. Rather than answer yes or no, identify the reused service component funded by the other investment and identify the other investment using the Unique Project Identifier (UPI) code from the OMB Ex 300 or Ex 53 submission.
- c. 'Internal' reuse is within an agency. For example, one agency within a department is reusing a service component provided by another agency within the same department. 'External' reuse is one agency within a department reusing a service component provided by another agency in another department. A good example of this is an E-Gov initiative service being reused by multiple organizations across the federal government.
- d. Please provide the percentage of the BY requested funding amount used for each service component listed in the table. If external, provide the percentage of the BY requested funding amount transferred to another agency to pay for the service. The percentages in the column can, but are not required to, add up to 100%.

5. Technical Reference Model (TRM) Table: To demonstrate how this major IT investment aligns with the FEA Technical Reference Model (TRM), please list the Service Areas, Categories, Standards, and Service Specifications supporting this IT investment.				
FEA SRM Component (a)	FEA TRM Service Area	FEA TRM Service Category	FEA TRM Service Standard	Service Specification (b) (i.e., vendor and product name)
Meta Data Management	Component Framework	Business Logic	Platform Dependent Technologies	Linux Operating Software with NDBC custom applications
Change Management	Component Framework	Business Logic	Platform Dependent Technologies	NOOSS interface control documents and applications
Knowledge Distribution and Delivery	Service Access and Delivery	Access Channels	Web Browser	Internet Explorer
Computers / Automation Management	Service Access and Delivery	Access Channels	Web Browser	Internet Explorer
Knowledge Capture	Service Access and Delivery	Delivery Channels	Virtual Private Network (VPN)	Private hardwiring
Risk Management	Service Access and Delivery	Service Requirements	Legislative / Compliance	Security
Data Exchange	Service Access and Delivery	Service Transport	Supporting Network Services	Internet Message Access Protocol / Post Office Protocol (IMPA / POP3)
Data Integration	Service Platform and Infrastructure	Database / Storage	Database	Buoy/C-MAN processing systems, Data Assembly System

- a. Service Components identified in the previous question should be entered in this column. Please enter multiple rows for FEA SRM Components supported by multiple TRM Service Specifications
- b. In the Service Specification field, agencies should provide information on the specified technical standard or vendor product mapped to the FEA TRM Service Standard, including model or version numbers, as appropriate.

6. Will the application leverage existing components and/or applications across the Government (i.e., USA.gov, Pay.Gov, etc)? Yes

a. If "yes," please describe.

Existing resources of US Coast Guard Ships Provide within their mission structure ship-days to support the O&M of the NOOSS. Value is about \$7M/year.

Exhibit 300: Part III: For "Operation and Maintenance" investments ONLY (Steady State)**Section A: Risk Management (All Capital Assets)**

Part III should be completed only for investments identified as "Operation and Maintenance" (Steady State) in response to Question 6 in Part I, Section A above.

You should have performed a risk assessment during the early planning and initial concept phase of this investment's life-cycle, developed a risk-adjusted life-cycle cost estimate and a plan to eliminate, mitigate or manage risk, and be actively managing risk throughout the investment's life-cycle.

1. Does the investment have a Risk Management Plan? Yes
 - a. If "yes," what is the date of the plan? 3/16/2007
 - b. Has the Risk Management Plan been significantly changed since last year's submission to OMB? No
 - c. If "yes," describe any significant changes:

2. If there currently is no plan, will a plan be developed?
 - a. If "yes," what is the planned completion date?
 - b. If "no," what is the strategy for managing the risks?

Section B: Cost and Schedule Performance (All Capital Assets)

1. Was an operational analysis conducted? Yes
 - a. If "yes," provide the date the analysis was completed. 6/30/2008
 - b. If "yes," what were the results?

No variances were identified for the NOOSS, DART and TAO networks. Performance measures through the 2nd quarter were achieved and customer needs are being met in a cost-effective manner. The system continues to effectively support NOAA's Strategic Goals of 1- Serving Society's Needs for Weather and Water and 2 - Supporting the Nation's Commerce with Information for Safe, Efficient, and Environmentally Sound Transportation. Financial performance to date is well within acceptable limits in spite of the fiscal turmoil caused by the Continuing Resolution and late receipt of funding. FY08 Omnibus eliminated funding for TAO Refresh. Planned FY08 Technology milestones for the TAO Refresh were adjusted accordingly.

- c. If "no," please explain why it was not conducted and if there are any plans to conduct operational analysis in the future:

2. Complete the following table to compare actual cost performance against the planned cost performance baseline. Milestones reported may include specific individual scheduled preventative and predictable corrective maintenance activities, or may be the total of planned annual operation and maintenance efforts).

- a. What costs are included in the reported Cost/Schedule Performance information (Government Only/Contractor Only/Both)? Contractor and Government

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2.b Comparison of Plan vs. Actual Performance Table

Milestone Number	Description of Milestone	Planned		Actual		Variance	
		Completion Date (mm/dd/yyyy)	Total Cost(\$M)	Completion Date (mm/dd/yyyy)	Total Cost(\$M)	Schedule (# days)	Cost(\$M)
1	NOOSS O&M FY06	9/30/2006	\$27.036000	9/30/2006	\$27.036000	0	\$0.000000
1.1	NOOSS O&M	9/30/2006	\$21.270000	9/30/2006	\$21.270000	0	\$0.000000
1.2	TOC Buoy Transfer	9/30/2006	\$1.970000	9/30/2006	\$1.970000	0	\$0.000000
1.3	Tsunami	9/30/2006	\$3.796000	9/30/2006	\$3.796000	0	\$0.000000
2	NOOSS O&M FY07	9/30/2007	\$35.084000	9/30/2007	\$35.084000	0	\$0.000000
2.1	NOOSS O&M	9/30/2007	\$21.270000	9/30/2007	\$21.270000	0	\$0.000000
2.2	TOC Buoy Transfer	9/30/2007	\$1.970000	9/30/2007	\$1.970000	0	\$0.000000
2.3	Tsunami	9/30/2007	\$11.844000	9/30/2007	\$11.844000	0	\$0.000000
3	NOOSS O&M FY08	9/30/2008	\$36.182000	9/30/2008	\$37.418000	0	-\$1.236000
3.1	NOOSS O&M	9/30/2008	\$17.557000	9/30/2008	\$15.685000	0	\$1.872000
3.2	IOOS DAC - IT	9/30/2008	\$1.500000	9/30/2008	\$1.654000	0	-\$0.154000
3.3	TAO O&M	9/30/2008	\$0.000000	9/30/2008	\$3.091000	0	-\$3.091000
3.4	Hurricane Buoy O&M	9/30/2008	\$2.900000	9/30/2008	\$2.900000	0	\$0.000000
3.5	Ocean Sensor O&M	9/30/2008	\$0.000000				
3.6	TAO Refresh	9/30/2008	\$0.000000				
3.7	Tsunami O&M	9/30/2008	\$11.600000	9/30/2008	\$11.258000	0	\$0.342000
3.8	SAIC Support - IT	9/30/2008	\$2.625000	9/30/2008	\$2.830000	0	-\$0.205000
4	NOOSS O&M FY09	9/30/2009	\$40.960000	12/31/2008	\$4.768000	273	\$36.192000
4.1	NOOSS O&M	9/30/2009	\$15.185000	12/31/2008	\$3.201000	273	\$11.984000
4.2	IOOS DAC - IT	9/30/2009	\$1.500000	12/31/2008	\$0.316000	273	\$1.184000
4.3	TAO O&M	9/30/2009	\$3.200000	12/31/2008	\$0.170000	273	\$3.030000
4.4	Hurricane Buoy O&M	9/30/2009	\$4.400000	12/31/2008	\$0.234000	273	\$4.166000
4.5	Ocean Sensor O&M	9/30/2009	\$1.350000	12/31/2008	\$0.072000	273	\$1.278000
4.6	TAO Refresh	9/30/2009	\$1.100000	12/31/2008	\$0.058000	273	\$1.042000
4.7	Tsunami O&M	9/30/2009	\$11.600000	12/31/2008	\$0.164000	273	\$11.436000
4.8	SAIC Support - IT	9/30/2009	\$2.625000	12/31/2008	\$0.553000	273	\$2.072000
5	NOOSS O&M FY10	9/30/2010	\$45.431000				
5.1	NOOSS O&M	9/30/2010	\$19.656000				
5.2	IOOS DAC - IT	9/30/2010	\$1.500000				
5.3	TAO O&M	9/30/2010	\$3.200000				
5.4	Hurricane Buoy O&M	9/30/2010	\$4.400000				
5.5	Ocean Sensor O&M	9/30/2010	\$1.350000				

2.b Comparison of Plan vs. Actual Performance Table

Milestone Number	Description of Milestone	Planned		Actual		Variance	
		Completion Date (mm/dd/yyyy)	Total Cost(\$M)	Completion Date (mm/dd/yyyy)	Total Cost(\$M)	Schedule (# days)	Cost(\$M)
5.6	TAO Refresh	9/30/2010	\$1.100000				
5.7	Tsunami O&M	9/30/2010	\$11.600000				
5.8	SAIC Support - IT	9/30/2010	\$2.625000				