



## Exhibit 300 Guidance

### NOAA OCIO Information Technology Standard

NISN: 3.010

Title:	NOAA EXHIBIT 300 GUIDANCE		
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Originator:	Jerry McNamara	Current Editor:	Jerry McNamara

#### KEYWORDS

Exhibit 300, Business Case

#### PURPOSE AND SCOPE

These instructions complement and reinforce the Office of Management and Budget's (OMB) guidance on developing the Exhibit 300, Capital Asset Plan and Business Case, in support of funding for major information technology (IT) investments as contained in [OMB Circular A-11, Part 7](#). In addition these instructions address custom fields added by the Department to the Exhibit 300 primarily to populate and verify the Exhibit 53 and other required reports.

Scope of this Standard: Guidance

Intended Use of this Standard: Checklist

#### AUTHORITY

1. OMB Circular No. A11, June 2006

#### INTENDED AUDIENCE

- Chief Information Officers
- Budget Officers
- Project Managers
- Exhibit 300 Managers

#### DESCRIPTION

An Exhibit 300 must be developed for major investments. A major investment is a system or investment that requires special management attention because it:

- Was defined as a major project in the previous fiscal year
- Is a financial system costing more than \$500,000 in any one fiscal year
- Has high executive visibility
- Has significant program or policy implications
- Has been determined to be major by OMB or Commerce's Capital Planning and Investment Control process
- Any investments that are not major are referred to as "non-major."

This subject of policy or guidance falls into the category: CPIC, PM, and SDLC

#### DEFINITIONS

*Exhibit 300:* The Exhibit 300 business case is a high level summary of the investment's current justification and management plans including a project plan, benefit-cost analysis, alternatives analysis, acquisition plan, risk management plan, human resources management plan, enterprise architecture and IT Security plan. In the case of IT investments that are proposed or underway, this information is used by the operating unit, the Department's Capital Investment Technology Review Board (CITRB), and OMB to determine if investment funding should be recommended or continued. For investments that are now



steady state, the Exhibit 300 is used to review the investment's current status and, assess how well the investment is accomplishing its goals. In addition, the Exhibit 300 is required when requesting a delegation of procurement authority from the CIO through the CITRB or the Acquisition Review Board to proceed with a large contract.

**GUIDANCE**

NOAA NISN-3.005 Earned Value Management Guidance:  
NISN-3.005 Earned Value Management.doc

[link to Department of Commerce Exhibit 300 and 53 Instructions and Guidance](#)

**FY08 OMB Exhibit 300 Process Instructions**

**1.0 Purpose**

The Exhibit 300 has some changes from past 300 formats. This guidance will try to guide you through the areas that have had the most significant changes: The Contract Information Table, the Performance Measures Table, and the Enterprise Architecture Tables.

For the rest of the Exhibit 300 guidance, you will notice more yes/no answers and narrative areas that have had the field-size reduced. Please be clear and concise with your responses.

**2.0 Required Updates to OMB 300**

Periodically, updates are required for the OMB 300s. At a minimum, all exhibit 300s are reviewed by DOC in August for submission to OMB in early September as part of the Department budget request. Annual update times to remember are:

<u>MONTH</u>	<u>REASON</u>	<u>ALL/AS APPLICABLE</u>
May	Budget Initiatives	As Applicable
August	OMB submission for next BY	All
December	OMB Passback	As Applicable

**NOTE:** Ideally, your 300 is constantly updated to reflect any changes, including quarterly Earned Value Management System (EVMS) and/or Operational Analysis (OA) information.

**3.0 Completing the OMB 300**

**New Investments** - If you are reporting a new investment, i.e., proposed for BY or later, you must complete Part I and II. Investments in initial concept or planning phase will have less detail and defined specificity than investments moving into the acquisition or operational phase. However, these investments should identify in life-cycle documentation the dates these issues will be addressed as the investment matures. Where prototypes are acquired as part of the planning process, the prototypes must be reported as full acquisitions.

**Ongoing Investments** - If reporting an ongoing investment, only update sections as appropriate. *Please find your Exhibit 300 Investment in the table in Appendix A*, where the NOAA CIO office has identified the sections of the Exhibit 300 that we feel should be completed for your investment. If you have any concerns with the classification that we have given your investment, please call Tom Taylor or Rob Swisher.



If any of the cost, schedule or performance variances are beyond the 10 percent threshold, provide a complete analysis of the reasons for the variances, the corrective actions to be taken, and the most likely estimate at completion (EAC). At a minimum:

- A. Identify the specific work packages where problems are occurring
- B. Discuss why the problems occurred
- C. State the corrective actions you will take to return the investment as close as feasible to current baseline goals
- D. Provide the most likely EAC.

If you are reporting an IT investment in operation, you must demonstrate the investment has undergone an E-Gov Strategy Review as part of the agency's Enterprise Architecture (EA). An E-Gov Strategy review on IT investments is a comprehensive analysis performed with a strategy for identifying smarter and more cost effective methods for delivering performance. The exhibit 300 must demonstrate either the existing investment is meeting the needs of the agency and delivering the expected performance or that the investment is being modernized and replaced consistent with the target EA and EA transition strategy.

### **3.1 General OMB 300 Completion Guidance**

**Part I: All investments** (IT and Non-IT) must complete Part I.

**Part II:** Completed *only* for investments which in FY08 will be in "**Planning**" or "**Acquisition**," or "**Mixed Life-Cycle**" investments, i.e., selected one of these three choices in response to Question 6 in Part I, Section A.

**Part III:** Completed *only* for investments which will be in "**Operation and Maintenance**" (Steady State) in FY08, i.e., selected the "Operation and Maintenance" choice in response to Question 6 in Part I, Section A.

**Part IV:** Completed *only* for investments which in FY08 are *considered* an **E-Gov** initiative or a **Line of Business (LOB)**, i.e., selected the "E-Gov and LOB Oversight" choice in response to Question 6 in Part I, Section A. **NOTE:** This is different than an investment that *supports* the Presidents Management Agenda (PMA) Expanded E-Government initiative (Question 13 in Part I, Section A). To be an E-Gov or LOB you must be on the specified E-Gov or LOB list.

**Example:** Investment XYZ is a **Mixed Life-Cycle** investment (selected in question 6 in Part I, Section A) and is also one that *supports* the PMA Expanded E-Government initiative (selected in Question 13 in Part I, Section A) but is **not considered** an **E-Gov** investment.

### **3.2 Specific OMB 300 Completion Guidance**

#### **Capital Asset Plan and Business Case Summary Exhibit 300**

#### **PART I: SUMMARY INFORMATION AND JUSTIFICATION**

Complete Sections A, B, C, and D for all capital assets (IT and non-IT). Complete Sections E and F for IT capital assets.

#### **Section A: Overview (All Capital Assets)**



The following series of questions are to be completed for all investments. This will help OMB to identify which agency and bureau is responsible for managing each capital asset, which OMB MAX budget account funds the investment, the kind of the investment, who to contact with questions about the information provided in the exhibit 300, and whether or not it is an IT or a non-IT capital asset.

1. Date of Submission: *Enter date*

2. Agency: *Always DoC*

3. Bureau: *Always NOAA/line office*

4. Name of this Capital Asset:

*Investment name: X-ray Yankee Zulu, followed by an investment name acronym: (XYZ)*

5. Unique ID: 006-48-01-13-01-3205-00-108-023

*First 3 digits - Department code, "006" for Commerce*

*Fourth and fifth digits - Operating unit code, "48" is used for NOAA*

*Sixth and seventh digits - Mission Area Systems "01"*

*Eighth and ninth digits – A Mission Area that is selected from an automated pick list. "12" for NOAA*

*Tenth and eleventh digits – Indicates type of investment. "01" is for a major investment, a non-major is "02." "03" represents an IT investment that is part of a larger asset with an existing business case. "04" identifies a major IT investment for which another agency has the lead management and reporting responsibility*

*Twelfth through fifteenth digits –same as the 4 digit UPI code above.*

*Sixteenth and seventeenth digits – same as the 2 digit UPI code above.*

*Eighteenth-Twenty Third - Maps to the primary Business Area and Line of Business and the primary Sub-Function within the Federal Enterprise Architecture (FEA) Business Reference Model (BRM)*

6. What kind of investment will this be in FY2008?

Planning  Acquisition  Operations and Maintenance  Mixed Life Cycle

E-Gov/LoB Oversight

*Select one based on the investment's stage, to determine your stage see the details below.*

*Planning means preparing, developing or acquiring the information you will use to: design the investment; assess the benefits, risks, and risk-adjusted life-cycle costs of alternative solutions; and establish realistic cost, schedule, and performance goals, for the selected alternative, before either proceeding to full acquisition of the capital project (investment) or useful segment or terminating the investment. Planning must progress to the point where you are ready to commit to achieving specific goals for the completion of the acquisition before preceding to the acquisition phase. Information gathering activities may include market research of available solutions, architectural drawings, geological studies, engineering and design studies, and prototypes. Planning is a useful segment of a capital project (investment). Depending on the nature of the investment, one or more planning segments may be necessary.*

*Acquisition means the procurement and implementation of a capital investment or useful segment/module of a capital investment. Full acquisition occurs after all planning activities are complete and the agency's Executive Review Committee or Investment Review Board (IRB) selects and approves the proposed*



*technical approach and investment plan, and establishes the baseline cost, schedule and performance goals for this phase of the investment. Prototype funding must be reported in the Acquisition stage.*

**NOTE:** *The funding stages for "Planning" plus "Acquisition" are the same as "Development/Modernization/Enhancement (DME)" and "Operations & Maintenance" is the same as "Steady State (SS)."*

**Mixed Life Cycle** *means an investment that has both DME and SS aspects. For example, a mixed life-cycle investment could include a prototype or module of a system that is operational with the remainder of the system in DME stages; or, a service contract for steady state on the current system with a DME requirement for system upgrade or replacement.*

**Operations and Maintenance** *means that you have listed NO DOLLARS under Acquisition or Planning in the Summary of Spending Table, and an asset or part of an asset that has been delivered is performing the mission. This includes routine maintenance, helpdesk support and refreshment of completed systems. Include under this stage funding for operating and maintaining the system at current capability and performance level. This encompasses the cost of corrective active and replacement of broken equipment.*

**Note:** *Any significant activity required to substantially increase the investment's capability and capacity, especially when it is needed by a specific time, qualifies as a development effort. From a project management perspective, if an activity has risks that are distinct from the steady state effort then it is a development project. Amounts for development efforts are listed under Acquisition and Planning (DME costs) in the Summary of Spending Table.*

**E-Gov/Line of Business (LOB)** *means an investment considered for this specific function and is on the specified E-Gov or LOB list. NOTE: This is different than an investment which supports the Presidents Management Agenda (PMA) Expanded E-Government initiative (Question 13 in Part I, Section A).*

7. What was the first budget year this investment was submitted to OMB? Enter "FY2001 or earlier" through "FY2008" as appropriate

8. Provide a brief summary of this investment: **NOTE:** *Answer is limited to 2,500 characters (less than one page)*

*A key piece to complete the 300 and the best way to help yourself is to ensure the exact language from the OMB Circular A-11 is used in your answers. Keep in mind the evaluators who will score this project have to read several 300s. Make it easy for them...don't make them hunt for your information. Spell out acronyms on their first use or avoid them completely, avoid mission specific jargon, use proper English, watch verb tenses, and especially remove excessive words...don't make reviewers wade through a lot of text before coming to the point. Do not just cut & paste meaningless verbiage – please keep your response concise.*

*The Exhibit 300 is a business case, not a technical solutions document. Focus on what problem this investment solves and how the solution is linked to measurable outcomes. The intended audience is people whose familiarity with the program/function is largely limited to this description.*

**Example:** *The XYZ project is...in this answer, address the 5Ws: What is it? Why is it needed (identify the requirement/gap met by this investment, time criticality, Strategic Goal(s) and objectives/outcomes supported, etc.)? Where is it located? Who owns it? How does it benefit NOAA, the US or others?*



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Example: The current status of XYZ in the capital planning and investment control is: This investment has been reviewed and approved by the NOAA IT Review Board (NITRB) and Commerce IT Review Board (CITRB) for the current cycle.

When completing this answer (and other parts of the 300) always consider:

- You must justify new or continued funding by demonstrating a direct connection to the agency's strategic plan and the need to fill a gap with the least life-cycle costs of the possible solutions; sound acquisition planning; comprehensive risk mitigation and management planning; realistic cost and schedule goals, and measurable performance benefits.
- Investments in Planning or Acquisition stages must demonstrate satisfactory progress toward achieving baseline cost, schedule and performance goals.
- Investments in Operations and Maintenance should demonstrate they undergo Operational Analysis (OA) to ensure that it is meeting its cost, schedule and performance goals. As part of OA, the Exhibit 300 should reflect the results of an "E-Government Strategy" review to analyze and identify smarter, more cost effective methods for achieving the desired goal.
- Include a description and table of the total funding the project receives. Identify any non-IT funds and any other amplification of the funding as needed.

Example: Funding for the XYZ Project is a combination of three primary budget lines: XYZ, ABC, and DEF (Congressional Earmark funds have been captured when applicable). In addition, XYZ receives funding from a variety of projects cited in other 300s. Funding sources and associated dollars (thousands (K)) are:

ENTER ALL AMOUNTS IN THOUSANDS (\$K).

Table with columns: Source, FY05, FY06, FY07, FY08, FY09, FY10, FY11, FY12, FY13, FY14, FY15, LIFE CYCLE TOTAL. Rows include XYZ, ABC, DEF, TOTAL, + Ground System, + GOES - R, and Adjusted XYZ.

9. Did the Agency's Executive/Investment Committee approve this request? Yes [ ] No [ ] Must be "Yes"--this is approval, as applicable, by the NITRB, CITRB and/or Acquisition Review Board(s).

A. If "yes," what was the date of this approval? Provide the date of the most recent and highest (i.e. CITRB) level board

10. Did the Project Manager review this Exhibit? Yes [ ] No [ ] Must be "Yes"

11. Contact information of Project Manager? Provide PM information

Name: Smith, Noah Must be assigned to only one project across all of the OMB 300s
Phone Number 301-713-1234
E-mail: Noah.Smith@noaa.gov



12. Has the agency developed and/or promoted cost effective, energy-efficient and environmentally sustainable techniques or practices for this investment. (Answer applicable to non-IT assets only) Yes  No  IT investments will answer "No" and skip to #13. This must be "Yes." for non- IT and then answer questions (a, b and b1-3) below as applicable.

a. Will this investment include electronic assets (including computers)? Yes  No

b. Is this investment for new construction or major retrofit of a Federal building or facility? (answer applicable to non-IT assets only) Yes  No

1. If "yes," is an ESPC or UESC being used to help fund this investment? Yes  No

2. If "yes," will this investment meet sustainable design principles? Yes  No

3. If "yes," is it designed to be 30% more energy efficient than relevant code? Yes  No

13. Does this investment support one of the PMA initiatives? Yes  No  Must be "Yes"

If "yes," check all that apply:

NOTE: Most NOAA IT investments support the Presidents Management Agenda (PMA) Expanded E-Government initiative below. To date, none of the NOAA investments are considered E-Gov as defined above in question 6.

- Human Capital
- Budget Performance Integration
- Financial Performance
- Expanded E-Government
- Competitive Sourcing
- Faith Based and Community
- Real Property Asset Management
- Eliminating Improper Payments
- Privatization of Military Housing
- Research & Development Investment Criteria
- Housing & Urban Development Management & Performance
- Broadening Health Insurance Coverage through State Initiatives
- "Right Sized" Overseas Presence
- Coordination of VA & DoD Programs and Systems

a. Briefly describe how this asset directly supports the identified initiative(s) (2500 Character Limit)

Identify, with supporting details, the one PMA priority item the investment best supports (most IT projects are tied to the E-Gov). Ideally, in order for IT investments to successfully address PMA support and investment justification, the investment should be collaborative and include industry, multiple agencies, State, local, or tribal governments, use e-business technologies and be governed by citizen needs. You should explicitly state this in your response.

Example: The XYZ project will directly support the President's Management Agenda (PMA) E-Government area by improving the nation's ability to access data. This is achieved through the modernization of systems to ensure performance, compatibility, supportability, and maintainability. As a



benefit of the integrated solution to data archive and access XYZ will provide, an easy-to-use access Portal for the Nation to obtain environmental data will become available. XYZ is collaborative project with industry, multiple agencies, State, local, or tribal governments, uses e-business technologies and is governed by citizen needs.

14. Does this investment support a program assessed using OMB’s Program Assessment Rating Tool (PART)? Yes  No

The NOAA Programs that have been PARTed are: All Climate Programs, Ecosystem Research, Marine and Aviation Operations. Thus, unless the investment is under one of these Programs, your answer here is "No." If your answer is "No" skip to #15. If the investment is under a PARTed Program (a "Yes" answer) your answers for a.- c. are:

a. If “yes,” does this investment address a weakness found during the PART review?

Yes  No  No

b. If “yes,” what is the name of the PART program assessed by OMB’s Program Assessment Rating Tool? Provide the Program name

c. If “yes,” what PART rating did it receive? Answer is: Moderately Effective for Climate Programs, Adequate for Ecosystem Research and Marine and Aviation Operations is TBD.

15. Is this investment for information technology? (see section 53 for definition) Yes  No

Yes for IT investments No for non-IT

If the answer to Question 15 was “Yes,” complete questions 16-23 below. If the answer is “No,” do not answer questions 16-23.

16. What is the level of the IT Investment (per OMB’s PM Guidance)? Answer as applicable, determined from the matrix table in the eCPIC Resource Library (see guidance for next question).

- Level 1

- Level 2

- Level 3

17. What investment management qualifications does the Investment Manager have? (per OMB’s PM Guidance): Each Project Manager (PM) is required to enter their experience and other qualifications into a standard DoC resume format that is found in the eCPIC application’s Resource Library. DoC will ultimately review the information and validate if the PM’s qualifications are appropriate for the size and complexity of the investment. The eCPIC Resource Library also contains a matrix table comparing the assessment of a project’s size and complexity (on a 1 to 3 scale) with the qualifications needed by a project manager (also on a 1 to 3 scale).

- Investment manager has been validated as qualified for this investment

- Investment manager qualification is under review for this investment

- Investment manager assigned to investment, but does not meet requirements

- Investment manager assigned but qualification status review has not yet started

- No Investment manager has yet been assigned to this investment

18. Is this investment identified as “high risk” on the Q4 - FY 2006 agency high risk report (per OMB’s ‘high risk’ memo)? Yes  No  Answer as applicable. You are most likely "No" and should know already if you are on this list.

19. Is this a financial management system? Yes  No  Answer as applicable. If "No." Skip to #20



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- a. If “yes,” does this investment address a FFMIA compliance area? Yes  No 
  - 1. If “yes,” which compliance area
  - 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 FY2008 funding request for the following? (This should total 100%)

Hardware	Software	Services	Other
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*Enter whole numbers. The 100% sum below must account for the all the BYXX funds in the SUMMARY OF SPENDING FOR INVESTMENT PHASES in Section I.B.*

Remember: The percentage amount you list under services (i.e. contracts) must approximately match the percentage of the contact information to total dollars, in the Part 1, Section C Contract Information Table.

21. If this investment produces information dissemination products for the public, are these products published to the Internet in conformance with OMB Memorandum 05-04 and included in your agency inventory, schedules and priorities? Yes  No  N/A

*Answer as applicable. Memorandum 05-04 states agencies (investments) must manage a public website it must follow guidance in OMB Circular A-130, OMB “Guidelines for Ensuring and Maximizing the Quality, Objectivity, Utility, and Integrity of Information Disseminated by Federal Agencies.” The memorandum also provides a list of policies including the requirement to: Establish and Maintain Information Dissemination Product Inventories, Priorities, and Schedules; Ensure Information Quality; Establish and Enforce Linking Policies; Communicate with the Public, State, and Local Governments to ensure their needs are met; Include a search function; Use only approved domains (i.e. “.gov”); Implement Security Controls; Protect Privacy; and Implement Section 508 of the Rehabilitation Act.*

22. Contact information of individual responsible for privacy related questions:  
*All NOAA 300s will use:*

Name: Jean Carter -Johnson  
 Phone Number: (301) 713-3540 ext. 206  
 Title: NOAA Privacy Act Officer  
 E-mail: Jean.Carter.Johnson@noaa.gov

23. Are the records produced by this investment appropriately scheduled with the National Archives and Records Administration’s approval? Yes  No

*Answer as this applies to your project. See Commerce's Information Quality Guidelines for ensuring and maximizing the quality, objectivity, utility, and integrity of disseminated information. All records will be maintained and managed in accordance with NARA and DOC guidance.*



**Section B: Summary of Funding (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.

***NOTE: When completing the Summary of Spending tables in eCPIC, you must enter the appropriate amounts for each individual year (\$K). The eCPIC system will then convert to out put views seen below. This table must show life-cycle costs.***

*The labeling on this table can be confusing depending on the time of year you are making updates. This is especially true for the annual submissions in done August. For these submissions, it will help to keep in mind that by the time decisions are made for the Budget Year (BY XXXX) which you are submitting for, a new Fiscal Year (FY) will have started. **Example:** It's August 2006, and you are submitting for BY 2008. When completing the table, the Prior Year (PY 2006) is actually the current year of execution, since it is still only August 2006. But, by the time the budget decision is completed, it will be FY07, making the PY 2006 column accurate in its labeling. Similarly, the Current Year (CY 2007) is not actually the current year in August 2006, but will be the actual CY by the time the budgeting for BY 2008 is completed. It is imperative to provide the most current known information for any given year when completing this table. Thus, entries must equal your current Presidential Budget, Congressional Pass-back, etc.*

*The financial figures in the table below must match the other tables required (based on the kind of investment) throughout the document. For investments which are: Planning, Acquisition or Mixed Life Cycle, the financial figures in the table below must match the tables in PART II, Section A Question 2 (Alternatives) and Section C Question 9 (Comparison of Initial Baseline and Current Approved Baseline). For investments which are Operations and Maintenance the financial figures in the table below must match the table in PART III, Section B Question 2. For investments which are E-Gov and LOB Oversight the financial figures in the table below must match the table in PART IV, Section A Question 5 (Alternatives) and Section B Question 9 (Comparison of Initial Baseline and Current Approved Baseline). Thus, the financial figures in Parts II, III and IV must include the project funded cost of Government FTEs shown in this table.*

Table 1: SUMMARY OF SPENDING FOR INVESTMENT PHASES (REPORTED IN THOUSANDS)									
Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions									
	PY-1 & Spending Prior to 2006	PY 2006	CY 2007	BY 2008	BY +1 2009	BY+2 2010	BY+3 2011	BY+4 2012 and beyond	Total
Planning	9,000	0	0	0	0	0	0	0	9,000
Acquisition	4,000	5,000	6,000	7,000	8,000	9,000	4,000	1,000	44,000
Subtotal Planning & Acquisition	13,000	5,000	6,000	7,000	8,000	9,000	4,000	1,000	53,000



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Operations & Maintenance	1,000	1,000	1,000	1,000	4,000	4,000	6,000	28,000	46,000
TOTAL	14,000	6,000	7,000	8,000	12,000	13,000	10,000	29,000	99,000
Government FTE Costs should not be included in the amounts provided above.									
Government FTE Costs	2,000	1,000	1,000	1,000	1,000	1,000	1,000	4,000	12,000
Number of FTE represented by cost	4	2	2	5	5	5	5	25	53

*Note: For the cross-agency investments, this table should include all funding (both managing partner and partner agencies). To avoid double counting across government, funds received from another federal agency towards a Commerce investment are not entered in the Summary of Spending table. Funding received from other agencies should be identified in the Investment Description, Part I, Section A, question 8.*

*Government FTE costs shall include Government personnel considered direct and indirect labor in support of this investment. This includes investment management Integrated Project Team and any other Government effort contributing to project success. The costs include the salaries plus the fringe benefit rate of 32.8 percent. Entries should reflect estimates of costs of internal FTE supporting an IT investment, and should at a minimum include in FTE estimates of anyone spending more than 50 percent of their time supporting this investment. Persons working on more than one investment, whose contributions over all investments would exceed 50 percent of their overall time, should have their specific time allocated to each investment.*

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

*Answer as applicable,*

a. How many and in what year? *If "Yes," provide a brief explanation of how many, when they will be hired and why they are needed. Numbers in the Summary of Spending table must include this input.*

3. If the summary of spending has changed from the FY2007 President's budget request, briefly explain those changes. *Explain all budget changes including why they occurred. Example: The FY08 budget was reduced \$2.0 by Congressional Appropriations.*

**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.

*Note: The total value of the contract/task order to the total dollar of the investment (life cycle cost) should approximately match the percentage of services/contracts that you list in Part I, Section A question 20. If there is a reason for a large difference, briefly explain this in Part I Section A question 8.*



Contract or Task Order Number	Type of Contract/Task Order	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 (\$K)	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, UEESC, 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)	Contract Officer 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)

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. *Provide explanation to include: how the contract is managed, how performance is measured, risk mitigation to the government and what is the process to rectify deviations in performance occur.*

3. Do the contracts ensure Section 508 compliance? Yes  No  N/A

*Contracts must have be identification of applicable Section 508 electronic and information technology technical standards and the performance of a market research to make a determination of availability, non-availability and exceptions for a investment. When evaluating offers, if the 'applicable' Section 508 technical provision could not be met, determine whether the standard is met through equivalent facilitation. All steps would be done in accordance with DOC/NOAA Section 508 guidance and in consultation with the Section 508 coordinator and NOAA's Section 508 Working Group members. The following Section 508 electronic and information technology technical standards are expected to apply to the desktop workstations and web-based user interfaces under an investment: 1194.21 Software applications and operating systems, 1194.22 Web-based intranet and Internet information applications, 1194.26 Desktop and portable computers.*

a. Explain why: *If answer above was "Yes" this is "N/A," otherwise provide an explanation for a "No" answer above*

4. Is there an acquisition plan which has been approved in accordance with agency requirements? Yes  No

*All investments must have this, updated within the last three years.*

a. If “yes,” what is the date? *Enter Date*

b. If “no,” will an acquisition plan be developed? Yes  No

1. If “no,” briefly explain why: *Answer as applicable*



**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 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.

*Use the Performance Goals and Measures Table below for reporting performance goals and measures for all investments. **Only entries for 2005 and prior years are to be made in Table 1.** Delete any entries for 2006 and beyond. Performance Measures for 2006 and beyond are to be made in the Performance Reference Model (PRM) (Table 2 below) using the guidance provided to complete that specific table.*



*NOTE: If Table 1 is not pre-populated with the 300 format conversion, do not enter any Performance Measures, just begin to populate Table 2.*

Table 1					
Fiscal Year	Strategic Goal(s) Supported	Performance Measure	Actual/baseline (from Previous Year)	Planned performance Metric (Target)	Performance Metric Results (Actual)
2007					
2007					
2008					
2008					

*Performance Measures for 2006 and beyond are to be made in the PRM table below. The table below should, at a minimum, include the BYXX to BYXX+4 years in the Summary of Spending Table above. Project Managers must use a performance-based acquisition management system, based on the ANSI/EIA Standard 748, to obtain timely information regarding the project progress. The system must also measure progress towards milestones, in terms of cost, capability of the investment to meet specified requirements, timeliness, and quality. Use Performance Measures which:*

- A. Monitor and compare actual performance to planned results (Annual Performance Plan).*
- B. Produce enhanced performance information to improve strategic and daily decision making*
- C. Improve alignment and better articulate contribution of inputs to outputs, thereby creating a clear “line of sight” to desired results*
- D. Identify performance improvement opportunities that span traditional organizational structures and boundaries*
- E. At least some should explicitly address how the investment will benefit customers...especially for Steady State, where a crucial question is whether customers are receiving benefits expected.*
- F. Ensure there is a tie-in to the strategic goals and objectives, higher level measures, and the other Performance Measures listed in the PRM.*
- G. DME activities should have performance measures certifying or demonstrating the impact of completed phases. Examples: incremental production increases, IT security certification and/or accreditation for a system.*



Projects are expected to achieve, on average, 90 percent of the cost, schedule and performance goals.

Enter at least one Measurement Grouping (this was Measurement Category last year) for each of the four Measurement Areas (Mission and Business Results, Customer Results, Processes and Activities and Technology) for each fiscal year. An Indicator is what is being measured. A Baseline is a specific quantitative (preferred) or qualitative measure that does not change over time. For example a Baseline storm warning lead time would be compared against proposed performance targets for years 3, 4, and 5, to assess net benefit. Describe the Planned Improvement to the Baseline in narrative terms, for example, "Improve Tornado Warning Lead Times." Then, under translate this into a measurable amount, e.g., 7 minutes for 2006 and 8 minutes by 2007. Provide quantitative Actual Results.

NOTE: An Indicator should NOT be repeated for different Measures. Measures may be repeated in more than one FY as applicable.

Please make sure that the Baseline is a Quantitative value and the Planned Improvement to the Baseline is a "metric."

If you have used good indicators, baseline, and metrics you should be able to recognize the high-level Goal this investment supports.

To complete Table 2:

- 1. For Column 3, pick a Measurement Grouping from the 4 tables below for each Measurement Area in Column 2 ( i.e. Mission & Business Results, Processes & Activities, Technology, Customer Results).

Note: change table to match CRM.

Note: The measurement categories below were extracted from the PRM portion of the Consolidated Reference Model based on their relevancy to NWS/NOAA. For a complete listing of Measurement Categories, refer to the Consolidated Reference Model located at http://www.whitehouse.gov/omb/egov/a-2-EAModelsNEW2.html.

Table with 2 columns: Measurement Category (Not Included in Ex 300 Section D Table 2) and Measurement Grouping (Ex 300 Section D, Table 2, Column 3). Rows include Disaster Mgmt, Environmental Mgmt, Homeland Security, Natural Resources, General Science & Innovation, Admin Mgmt, and IT Mgmt.



Customer Results Measurement Area (Ex 300 Section D, Table 2, Column 2)	
Measurement Category (Not Included in Ex 300 Section D Table 2)	Measurement Grouping (Ex 300 Section D, Table 2, Column 3)
Customer Benefit	Customer Satisfaction Customer Retention Customer Complaints Customer Impact or Burden Customer Training
Service Coverage	New Customers & Market Penetration Frequency & Depth Service Efficiency
Timeliness & Responsiveness	Response Time Delivery Time
Service Quality	Accuracy of Service or Product Delivered
Service Accessibility	Access Availability Automation Integration

Processes & Activities Measurement Area (Ex 300 Section D, Table 2, Column 2)	
Measurement Category (Not Included in Ex 300 Section D Table 2)	Measurement Grouping (Ex 300 Section D, Table 2, Column 3)
Financial	Financial Mgmt Costs Planning Savings & Cost Avoidance
Productivity & Efficiency	Productivity Efficiency
Cycle Time & Timeliness	Cycle Time Timeliness
Quality	Errors Complaints
Security & Privacy	Security Privacy
Mgmt & Innovation	Participation Policies Compliance Risk Knowledge Management Innovation & Improvement



Technology Measurement Area (Ex 300 Section D, Table 2, Column 2)	
Measurement Category (Not Included in Ex 300 Section D Table 2)	Measurement Grouping (Ex 300 Section D, Table 2, Column 3)
Financial	Overall Costs
	Licensing Costs
	Support Costs
	Operations & Maintenance Costs
	Training & User Costs
Quality	Functionality
	IT Composition
	Compliance & Deviations
Efficiency	Response Time
	Interoperability
	Accessibility
	Load levels
	Improvement
Information & Data	External Data Sharing
	Data Standardization or Tagging
	Internal Data Sharing
	Data Reliability and Quality
	Data Storage
Reliability & Availability	Reliability
	Availability
Effectiveness	User Satisfaction
	User Requirements
	IT Contribution to Process, Customer, or Mission

- Populate the Measurement Indicator column (column 4) with the appropriate NOAA Corporate Performance Measures below extracted from the Weather & Water section of the 'NOAA Corporate Performance Measures Updated June 15, 2005' located at <https://www.ppbs.noaa.gov/performance.html>.  
If needed, refer to 'Performance Measure Guidelines' located at <https://www.ppbs.noaa.gov/performance.html>.

NOAA Corporate Performance Measures For Weather & Water Updated June 15, 2005
Lead time for tornado warnings
Accuracy for tornado warnings
False alarm rate for tornado warnings
Lead time for flash floods
Flash flood warning accuracy
Lead time for winter storm warnings
Accuracy for winter storm warnings
48 Hours Hurricane Track forecasts
Accuracy (%) (threat score) of Day 1 precipitation forecasts



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**Table 2**

Fiscal Year	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Planned Improvement to the Baseline	Actual Results
2006	Mission & Business Results					
2006	Customer Results					
2006	Processes & Activities					
2006	Technology					
2007	Mission & Business Results					
2007	Customer Results					

3. Populate column 5, column 6, and column 7 with the investment's baseline, improvement to the baseline, and actual results respectively.

2007	Processes & Activities					
2007	Technology					
2008	Mission & Business Results					
2008	Customer Results					
2008	Processes & Activities					
2008	Technology					

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

In order to successfully address this area of the business case, each question below must be answered at the system/application level, not at a program or agency level. Systems supporting this investment on the planning and operational systems security tables should match the systems on the privacy table below. Systems on the Operational Security Table must be included on your agency FISMA system inventory and should be easily referenced in the inventory (i.e., should use the same name or identifier).

All systems supporting and/or part of this investment should be included in the tables below, inclusive of both agency owned systems and contractor systems. For IT investments under development, security and privacy planning must proceed in parallel with the development of the system(s) to ensure IT security and privacy requirements and costs are identified and incorporated into the overall lifecycle of the system(s).

For all investments, please respond to the questions below and verify the system owner took the following actions:

1. Identified the IT security costs for the system(s) and have integrated those costs into the overall costs of the investment: Yes  No

*"Yes" as these costs should have been part of the life-cycle cost consideration.*

- a. If "yes," provide the "Percentage IT Security" for the budget year:

*Provide whole numbers plus 2 decimals*

2. Is identifying and assessing security and privacy risks a part of the overall risk management effort for each system supporting or part of this investment. Yes  No

*Should be "Yes," as this should be part of an overall risk plan*

3. Systems in Planning - Security: *See the guidance above to complete these tables*

Name of System	Agency/ or Contractor Operated System?	Planned Operational Date	Planned or Actual C&A Completion Date
<i>(short text)</i>	<i>(agency, contractor)</i>	<i>(date)</i>	<i>(date)</i>

4. Operational Systems – Security:

Name of System <i>(Include System ID # with Name)</i>	Specify whether agency or contractor operated system	NIST FIPS 199 Risk Impact level (High, Moderate, Low)	Has C&A been Completed, using NIST 800-37? (Y/N)	Date C&A Complete	What standards were used for the Security Controls tests?" (FIPS 200/NIST 800-53, NIST 800-26, Other, N/A)	Date Complete(d): Security Control Testing	Date the contingency plan tested



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(short text)	(agency, contract or)	(High, Moderate, Low)	(Y/N)	(date)	(FIPS 200/NIST 80053, NIST 80026, Other, N/A)	(date)	(date)
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5. Have any weaknesses related to any of the systems part of or supporting this investment been identified by the agency or IG? Yes  No  *Answer as applicable*

a. If “yes,” have those weaknesses been incorporated into the agency’s plan of action and milestone process? Yes  No  *Answer as applicable*

6. Indicate whether an increase in IT security funding is requested to remediate IT security weaknesses? Yes  No  *Answer as applicable*

a. If “yes,” specify the amount, a general description of the weakness, and how the funding request will remediate the weakness.

*Answer as applicable --be sure to state specific items asked for by question*

7. How are contractor security procedures monitored, verified, and validated by the agency for the contractor systems above? *If contract services are included in system support and acquisition planning, DOC requires application of Procurement Memorandum 2003-09 and the Commerce Acquisition Regulations (CARs) issued by that memorandum. In addition, DOC requires the application of CARs as stated in Commerce Acquisition Manual (CAM) section 1337.70, Security Processing Requirements for On-Site Service Contracts, and related CAM Notice 00-02. These provide facility access criteria and contract language for IT service contracts. DOC also recommends use of National Institute of Standards and Technology (NIST) Special Publication 800-64, Security Considerations in the Information System Development Life Cycle, which provides additional guidance for security considerations during the acquisition process. DOC requires that contractor operations be reviewed annually for compliance with IT security requirements by using the methodology in NIST Special Publication 800-26, Security Self Assessment Guide for Information Technology Systems. State these clauses are incorporated in all IT service acquisitions associated with this investment. Also, state that the program manager ensures the COR, in consultation with the IT Security Office, uses the NIST Special Publication 800-26 methodology to review contractor compliance with DOC IT security requirements.*

**Example:** *The XYZ system is housed in a government furnished building. The operations and maintenance environment for XYZ includes a mix of government staff and contractor staff. The contractor staff has been provided physical and logical access to XYZ resources in accordance with the Procurement Memorandum 2003-09 issued November 17, 2003 which introduced the Commerce Acquisition Regulation (CAR) 1352.239.73 - Security Requirements for Information Technology Resources and CAR 1352.239.74 - Security Processing Requirement for Contractors / Subcontractor Personnel for Accessing DOC Information Technology Systems. Further, Commerce Acquisition Regulation (CAR) 1337.70 - Security Processing Requirements for On-Site Service Contracts and the related CAM Notice 00-02 are practiced. As it relates to life cycle management, life cycle management for XYZ conforms to NIST SP 800-64 - Security Considerations in the Information System Development Life Cycle as well as ongoing IT security operational, management, and technical controls assessment as specified in NIST SP 800-26, Security Self-Assessment Guide for Information Technology Systems. All relevant clauses from the CAR will be incorporated into all contracts that support XYZ. In addition, all NIST guidance will continue to be used to oversee contractor compliance with DOC security requirements.*



8. Planning & Operational Systems – Privacy: *List must match combined lists from Section E, questions 3 & 4*

(a) Name of System	(b) Is this a new system? (Y/N)	(c) Is there a Privacy Impact Assessment (PIA) that covers this system? (1,2,3,4)	(d) Is the PIA available to the public? (1,2,3)	(e) Is a System of Records Notice (SORN) required for this system? (Y/N)	(f) Was a new or amended SORN published in FY 06? (1,2,3,4,5)

Answer options:

c) Is there a Privacy Impact Assessment (PIA) that covers this system?

1. Yes.
2. No.
3. No, because the system does not contain, process, or transmit personal identifying information.
4. No, because even though it has personal identifying information, the system contains information solely about federal employees and agency contractors.

d) Is the PIA available to the public?

1. Yes.
2. No, because a PIA is not yet required to be completed at this time.
3. No, because the PIA has not been prepared.

f) Was a new or amended SORN published in FY2006?

1. Yes, because this is a newly established Privacy Act system of records.
2. Yes, because the existing Privacy Act system of records was substantially revised in FY 06.
3. No, because the existing Privacy Act system of records was not substantially revised in FY 06.
4. No; because the system is operational, but the SORN has not yet been published.
5. No, because the system is not a Privacy Act system of records.

*Privacy Impact Assessments (PIA) are conducted to ensure adequate protection as required under the Privacy Act. The Office of the Chief Information Officer is responsible for developing IT privacy policy and guidance concerning when a PIA is required. A PIA must be performed for any Commerce IT system that collects and maintains personally identifiable information (name, address, social security number) from the public. PIA ensures the adequacy of, and enhancement to privacy protections for information systems. PIA results will guide system owners and developers in assessing privacy through the early stages of development when requirements are being analyzed and decisions made about data use and system design. To create the PIA statement you must gather data and analyze privacy issues relating to the system and identify and resolve privacy risks. You may conduct discretionary PIAs as they deem necessary for sensitive information other than personally identifiable information. Examples of PIAs may be found at the [Internal Revenue Service](#) and [U.S. Patent Trademark Office](#) websites.*

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



In order to successfully address this area of the business case and capital asset plan you must ensure the investment is included in the agency’s EA and Capital Planning and Investment Control (CPIC) process, and is mapped to and supports the FEA. You must also ensure the business case demonstrates the relationship between the investment and the business, performance, data, services, application, and technology layers of the agency’s EA.

*Each investment should be a product of comparing the current architecture with the target architecture and developing a gap analysis. The intent of the investment should be to bridge one or more of the gaps identified. If the investment is driven by new legislative mandates, then the architecture may not have been updated to reflect the changes, but will to be. Regardless of how the Current Architecture is documented, the initiative should be clearly identifiable in the Target Architecture.*

*Ensure the investment is mapped to, and supports the FEA and is clearly linked to the following FEA reference models: Business Reference Model (BRM), Performance Reference Model (PRM), Service Component Reference Model (SRM), and Technical Reference Model (TRM).*

1. Is this investment included in your agency’s target enterprise architecture? Yes  No  *Should be "Yes"*

a. If “no,” please contact your NOAA Enterprise Architecture Committee (EAC) member through your CIO Office.

2. Is this investment included in the agency’s EA Transition Strategy? Yes  No  *Should be "Yes"*

a. If “yes,” select the EA Sequencing Plan name as identified in the Transition Strategy provided in the agency’s most recent annual EA Assessment: *Provide the name as appropriate (Climate Sequencing Plan, Weather & Water Sequencing Plan, Ecosystem Sequencing Plan, Commerce & Transportation Sequencing Plan, or the IT Services Sequencing Plan).*

b. If “no,” please explain why? *Answer as applicable--be sure to state "why"*

c. Provide the primary FEA Business Reference Model Line of Business and sub-function mapping for this investment. *Answer as applicable--same as the last 6 digits from Part I, Section A, Question 5 Unique ID. EXAMPLE: 108-023*

3. To complete the table:

a. Enter the Agency Component Name in Column 1.

b. Enter the Agency Component Description in Column 2.

c. For Column 3, choose the appropriate service types from the FEA SRM Service Types in Figure 11 below extracted from the Consolidated Reference Model located at <http://www.whitehouse.gov/omb/egov/a-2-EAModelsNEW2.html>.



Figure 11: SRM Overview

Service Domains	Service Types
<b>Customer Services</b>	<ul style="list-style-type: none"> <li>• Customer Relationship Management</li> <li>• Customer Preferences</li> <li>• Customer Initiated Assistance</li> </ul>
<b>Process Automation</b>	<ul style="list-style-type: none"> <li>• Tracking and Workflow</li> <li>• Routing and Scheduling</li> </ul>
<b>Business Management Services</b>	<ul style="list-style-type: none"> <li>• Management of Process</li> <li>• Organizational Management</li> <li>• Investment Management</li> <li>• Supply Chain Management</li> </ul>
<b>Digital Asset Services</b>	<ul style="list-style-type: none"> <li>• Content Management</li> <li>• Document Management</li> <li>• Knowledge Management</li> <li>• Records Management</li> </ul>
<b>Business Analytical Services</b>	<ul style="list-style-type: none"> <li>• Analysis and Statistics</li> <li>• Visualization</li> <li>• Knowledge Discovery</li> <li>• Business Intelligence</li> <li>• Reporting</li> </ul>
<b>Back Office Services</b>	<ul style="list-style-type: none"> <li>• Data Management</li> <li>• Human Resources</li> <li>• Financial Management</li> <li>• Asset / Materials Management</li> <li>• Development and Integration</li> <li>• Human Capital / Workforce Management</li> </ul>
<b>Support Services</b>	<ul style="list-style-type: none"> <li>• Security Management</li> <li>• Collaboration</li> <li>• Search</li> <li>• Communication</li> <li>• Systems Management</li> <li>• Forms Management</li> </ul>

- d. For Column 4, choose the appropriate FEA SRM Components associated with the FEA SRM Service types from the tables on pages 43-57 of the Consolidated Reference Model located at <http://www.whitehouse.gov/omb/egov/a-2-EAModelsNEW2.html>.
- e. For Columns 5-8, follow the Exhibit 300 instructions (a) – (d) below:



**3. 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.whitehouse.gov/omb/egov/>.

Agency Component Name	Agency Component Description	FEA SRM Service Type	FEA SRM Component (a)	FEA Service Component Reused (b)		Internal or External Reuse? (c)	BY Funding Percentage (d)
				Component Name	UPI		
				FEA Component			

*Note: There must be at least one SRM for each TRM listed in Part I, Section F, question 4.*

- 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 Investment Identifier (UPI) code from the OMB Ex 300 or Ex 53 submission. *For a reused component, enter the UPI of the Exhibit 300 investment (i.e. UPI for NWSTGW if using that). Use "N/A" if this does not apply.*
  - 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 funding level transferred to another agency to pay for the service.
4. 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.

To complete the Technical Reference Model table:

- a. Populate Column 1 with all the FEA SRM Components identified in #3 table above. *Every FEA SRM Component must have at least one TRM component.*
- b. For Column 2, refer to Figure 12 below extracted from page 58 of the Consolidated Reference Model located at <http://www.whitehouse.gov/omb/egov/a-2-EAModelsNEW2.html> and enter



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Service Access and Delivery, Service Platform and Infrastructure, Component Framework, or Service Interface and Integration for the Service Area.

c. For Column 3, refer to Figure 12 again and enter the appropriate Service Category for the Service Area. The Service Categories are in bold within each Service Area within the table (i.e. Access Channels, Delivery Channels, etc.).

d. For Column 4, refer to Figure 12 again and enter the appropriate Service Standard for the Service Category. The Service Standards are below each Service Category.

**Figure 12: TRM Overview**

<b>Service Access and Delivery</b>			
<b>Access Channels</b>	<b>Delivery Channels</b>	<b>Service Requirements</b>	<b>Service Transport</b>
Web Browser	Internet	Legislative / Compliance	Supporting Network Services
Wireless / PDA	Intranet	Authentication / Single Sign-on	Service Transport
Collaboration / Communications	Extranet	Hosting	
Other Electronic Channels	Peer to Peer (P2P) Virtual Private Network (VPN)		
<b>Service Platform and Infrastructure</b>			
<b>Support Platforms</b>	<b>Delivery Servers</b>	<b>Hardware / Infrastructure</b>	
Wireless / Mobile	Web Servers	Servers / Computers	
Platform Independent	Media Servers	Embedded Technology Devices	
Platform Dependent	Application Servers	Peripherals	
<b>Software Engineering</b>	Portal Servers	Wide Area Network (WAN)	
Integrated Dev.Environment	<b>Database / Storage</b>	Local Area Network (LAN)	
Software Configuration Mgmt	Database	Network Devices / Standards	
Test Management	Storage	Video Conferencing	
Modeling			
<b>Component Framework</b>			
<b>Security</b>	<b>Presentation / Interface</b>	<b>Business Logic</b>	<b>Data Management</b>
Certificates / Digital Signature	Static Display	Platform Independent	Database Connectivity
Supporting Security Services	Dynamic Server-Side Display	Platform Dependent	Reporting and Analysis
	Content Rendering	<b>Data Interchange</b>	
	Wireless / Mobile / Voice	Data Exchange	
<b>Service Interface and Integration</b>			
<b>Integration</b>	<b>Interoperability</b>	<b>Interface</b>	
Middleware	Data Format / Classification	Service Discovery	
Enterprise Application Integration	Data Types / Validation	Service Description / Interface	
	Data Transformation		

e. Enter the Service Specification or vendor and product name in column 5 (i.e. Oracle 10g release 2, Mozilla Firefox 1.5.0.3).



5. Answer ‘Yes’ or ‘No’ accordingly and describe how your application will leverage existing components and/or applications internally within NWS/NOAA or externally with other government agencies. Be sure to check ‘Yes’ if your application is leveraged by other applications within NWS/NOAA or by external agencies or the public.
6. Answer the question accordingly.

*There must be at least one SRM (Part I, Section F, question 3) for each TRM listed below.*

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)
Reservations/Registration (FEA Enumeration)	Service Access and Delivery Area (FEA Enumeration)	Access Channels (FEA Enumeration)	Web Browser (FEA Enumeration)	(Short Text)
Reservations/Registration	Service Access and Delivery Area	Service Transport	Service Transport	(Short Text)
Reservations/Registration	Service Access and Delivery Area	Service Requirements	Legislative/Compliance	(Short Text)
Reservations/Registration	Component Framework	Security	Certificate / Digital Signature	(Short Text)

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.

5. Will the application leverage existing components and/or applications across the Government (i.e., FirstGov, Pay.Gov, etc)? Yes  No  Answer as applicable
  - a. If “yes,” please describe. Answer as applicable

6. Does this investment provide the public with access to a government automated information system? Yes  No  Answer as applicable--most are "Yes"
  - a. If “yes,” does customer access require specific software (e.g., a specific web browser version)? Yes  No  Answer as applicable
    1. If “yes,” provide the specific product name(s) and version number(s) of the required software and the date when the public will be able to access this investment by any software (i.e. to ensure equitable and timely access of government information and services). Answer as applicable



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**PART II: PLANNING, ACQUISITION AND PERFORMANCE INFORMATION**

Part II should be completed *only* for investments which in FY2008 will be in “Planning” or “Full Acquisition,” or “Mixed Life-Cycle” investments, i.e., selected one of these three choices in response to Question 6 in Part I, Section A above.

**Section A: Alternatives Analysis (All Capital Assets)**

In selecting the best capital asset, you should identify and consider at least three viable alternatives, in addition to the current baseline, i.e., the status quo. Use OMB Circular A94 for all investments, and the Clinger Cohen Act of 1996 for IT investments, to determine the criteria you should use in your Benefit/Cost Analysis.

*Examples of alternatives include: buy-it, out source it, build-it yourself, incrementally improve, and/or totally replace/rebuild. Provide benefits and reasons for your alternative choice. Include the minimum criteria applied in considering whether to undertake this particular investment, including criteria related to the quantitatively expressed projected net, risk-adjusted return on investment, and specific quantitative and qualitative criteria for comparing and prioritizing alternative investments.*

*Alternatives analysis must be performed with a future-focus rather than an alternatives analysis that was performed several years ago and no longer valid. Alternatives are to be compared consistently, providing reasons and benefits for each alternative. Clearly identify why you chose the alternative selected for the project. Alternatives should be updated every three years to account for new technological solutions, operational environment changes, or a major shift in system strategy.*

**NOTE:** *Be sure to include the costs of any FTEs stated in the Summary of Spending Table funded by this project.*

- 1. Did you conduct an alternatives analysis for this investment? Yes  No  **Must be "Yes"**
  - a. If “yes,” provide the date the analysis was completed? **Must be within 3 years**
  - b. If “no,” what is the anticipated date this analysis will be completed? **Answer as applicable**
  - c. If no analysis is planned, please briefly explain why not: **Answer as applicable**

- 2. Use the results of your alternatives analysis to complete the following table:  
*Cost of selected alternative must match the funding numbers in the Summary of Spending table. Non-selected alternatives should be updated as applicable based on any known cost changes.*

Alternative Analyzed	Description of Alternative	Lifecycle Costs estimate	Lifecycle Benefits estimate
Baseline	Status quo		
1			
2			
3			

- 3. Which alternative was selected by the Agency’s Executive/Investment Committee and why was it chosen? *Discuss the alternative selected and those not selected. State why/why not each was selected/not selected. Include any assumptions made about the alternatives. State how long-term cost savings for the selected alternative outweigh any from the alternatives not selected. Incorporate issues such as risk, mission contribution, security, and timeliness in addition to financial criteria. The business case is more easily understood when the benefits and non-financial factors are grouped by the alternative. The more statistical data you can support your choice with the better.*



*Example: Alternative 1 is..... Alternative 2 is... Alternative 3 is... The feasibility/performance/benefits analysis for these alternatives show.... The comparisons of the returns (financial) for each alternative reveals...*

*Based on this analysis, Alternative X was selected as the best method to accomplishing the strategic goals and to close performance gaps*

4. What specific qualitative benefits will be realized? *Answer as applicable*

*Example: Alternative X benefits analysis for these alternatives show....*

**Section B: Risk Management (All Capital Assets)**

You should have performed a risk assessment during the early planning and initial concept phase of the 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.

Answer the following questions to describe how you are managing investment risks.

- 1. Does the investment have a Risk Management Plan? Yes  No  *Must be "Yes"*
  - a. If “yes,” what is the date of the plan? *Must be within last 3 years*
  - b. Has the Risk Management Plan been significantly changed since last year’s submission to OMB? Yes  No  *Answer as applicable*
  - c. If “yes,” describe any significant changes: *Answer as applicable*
  
- 2. If there currently is no plan, will a plan be developed? Yes  No  *If Question above was "Yes," skip to #3 or answer as applicable*
  - a. If “yes,” what is the planned completion date? *(date)*
  - b. If “no,” what is the strategy for managing the risks? *Answer as applicable*
  
- 3. Briefly describe how investment risks are reflected in the life cycle cost estimate and investment schedule:  
*The Project Manager should be able to cross-walk from risk to the costs displayed for each investment stage of the selected alternative in the Summary of Spending table. Thus, risk's cost should be the basis for the "Risk Adjusted" costs for each phase/element listed in the table.*

**Section C: Cost and Schedule Performance (All Capital Assets)**

EVM is required only on DME portions of investments. For mixed life cycle investments, O&M milestones should still be included in the table (Comparison of Initial Baseline and Current Approved Baseline.) This table should accurately reflect the milestones in the initial baseline, as well as milestones in the current baseline. Please refer to: [NOAA NISN-3.005 Earned Value Management Guidance.](#)

- 1. Does the earned value management system meet the criteria in ANSI/EIA Standard – 748? Yes  No  *Must be "Yes"*
  
- 2. Answer the following questions about current cumulative cost and schedule performance. Indicate whether the information provided is contractor-only, or whether it includes both government and contractor costs.
  - a. What is the Planned Value (PV)? *(BCWS) (\$K with 3 decimals)*



- b. What is the Earned Value (EV)? *(BCWP) (\$K with 3 decimals)*
  - c. What is the actual cost of work performed (AC)? *(ACWP) (\$K with 3 decimals)*
  - d. What costs are included in the reported Cost/Schedule Performance information (Government Only/Contractor Only/Both)? *Answer as applicable*
  - e. "As of" date: *Must be today's date, as data must be current! Format is mm/dd/yyyy*
3. What is the calculated Schedule Performance Index (SPI= EV/PV)? *Positive number with 2 decimal places*
4. What is the schedule variance (SV = EV-PV)? *Positive or negative dollar value (\$K with 3 decimals)*
5. What is the calculated Cost Performance Index (CPI = EV/AC)? *Positive number with 2 decimal places*
6. What is the cost variance (CV = EV-AC)? *Positive or negative dollar value (\$K with 3 decimals)*
7. Is the CV or SV greater than 10%? Yes  No  *Answer as applicable*
- a. If "yes," was it the CV  or SV  or both  ? *Answer as applicable*
  - b. If "yes," explain the variance: *Answer as applicable. Explanations for variances must be consistent with information stated in other parts of 300. Identify the specific work packages where problems are occurring and discuss why the problems occurred. A good variance analysis provides understanding as to whether the condition is chronic, unique or resolvable. Explain based on work accomplished to date, whether or not you still expect to achieve your performance goals. Example: XYZ has a -17.24 Cost Variance and a -9.38 Schedule Variance due to a problem in WBS 5.0.1 Initial Widget Development brought on by.....state why. We expect to achieve our performance goals because...*
  - c. If "yes," what corrective actions are being taken? *Answer as applicable. Discuss the corrective actions that will be taken to correct the variances, the risk associated with the actions, and how close the planned actions will bring the investment to the original baseline. Define proposed baseline changes, if necessary. Based on the analysis, provide and discuss rationale for the IPT's most likely EAC. Include a "get-well" date. Example: The following progress has been made to correct XYZ -17.24 Cost Variance and a -9.38 Schedule Variance....state what specifically is being done. The IPT used ABC to determine the EAC. The project is expected to be back on cost schedule by...*
  - d. What is most current "Estimate at Completion"? (\$K with 3 decimals) *Provide EAC*
8. Is the department requesting a change in the performance baseline? Yes  No  *Answer as applicable*

**9. Comparison of Initial Baseline and Current Approved Baseline:**  
 Complete the following table to compare actual performance against the current performance baseline and to the initial performance baseline. In the Current Baseline section, for all milestones listed, you should provide both the baseline and actual completion dates (e.g., "03/23/2003"/ "04/28/2004") and the baseline and actual total costs (in \$ Thousands). In the event that a milestone is not found in both the initial and current baseline, leave the associated cells blank. Note that the 'Description of Milestone' and 'Percent Complete' fields are required. Indicate '0' for any milestone no longer active.



Description of Milestone	Initial Baseline		Current Baseline			Current Baseline Variance	Percent Complete
	Planned Completion Date (mm/dd/yyyy)	Total Cost (\$K) Estimated	Completion Date (mm/dd/yyyy) Planned/Actual	Total Cost (\$K) Planned/Actual		Schedule/Cost (# days/\$K)	

*When completing this table consider: What are the cost and schedule goals for the phases or segment/module of the project, e.g. what are the major project milestones or events; when will each occur; and what is the estimated cost to accomplish each one? The Initial baseline is the first OMB approved project baseline.*

*This table should correspond to the third level of the investment’s work breakdown structure and account for all spending included in the Summary of Spending table, i.e. cover the full investment life-cycle. Break out spending by stage (planning, development/acquisition, operations and maintenance) and by contract wherever possible. This simplifies identification of variances and ability to take corrective action. eCPIC allows creation of sub-milestones several levels down while automatically aggregating the cost and schedule totals to the highest level. Limit sub-milestone durations to a single fiscal year or less.*

***Include multiple functional milestones or sub-milestones each year for at least CY, BY, and BY+1. Enter "milestones" in the Description column prefaced with DME or SS as appropriate. Enter any "Actual" spending information to any item.***

*If any part of the project is steady state, complete one milestone line on the chart for each year. You may enter as many sub-milestones as desired to the one SS milestone.*

***NOTE:*** *Be sure to include the costs of any FTEs stated in the Summary of Spending Table funded by this project.*

**PART III: For “Operation and Maintenance” investments ONLY (Steady State)**

Part III should be completed *only* for investments which will be in “Operation and Maintenance” (Steady State) in response to Question 6 in Part I, Section A above. Please refer to: [NOAA NISN-3.005 Earned Value Management Guidance](#).

**Section A: Risk Management (All Capital Assets)**

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.



Answer the following questions to describe how you are managing investment risks.

- 1. Does the investment have a Risk Management Plan? Yes  No  *Must be "Yes"*
  - a. If "yes," what is the date of the plan? *Must be within last 3 years*
  - b. Has the Risk Management Plan been significantly changed since last year's submission to OMB? Yes  No  *Answer as applicable*
  - c. If "yes," describe any significant changes: *Answer as applicable*
  
- 2. If there currently is no plan, will a plan be developed? Yes  No  *If the answer to the question above was "Yes," skip to #3 or answer as applicable*
  - a. If "yes," what is the planned completion date? (date)
  - b. If "no," what is the strategy for managing the risks? *Answer as applicable*

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

Answer the following questions about how you are currently managing this investment.

- 1. Was operational analysis conducted? Yes  No  *Should be "Yes"*
  - a. If "yes," provide the date the analysis was completed. *Provide date*
  - b. If "yes," what were the results? *Answer as applicable*
  - c. If "no," please explain why it was not conducted and if there are any plans to conduct operational analysis in the future: *Answer as applicable, providing explanation and date*
  
- 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). Indicate if the information provided includes government and contractor costs:
  - a. Government costs? Yes  No
  - b. Contractor costs? Yes  No

*Complete at least one milestone line on the chart for each year. You may enter as many sub-milestones as desired to the one SS milestone.*

*When completing this table consider: What are the cost and schedule goals for the SS phase of the project, e.g. what are the major project milestones or events; when will each occur; and what is the estimated cost to accomplish each one?*

*This table should account for all spending included in the Summary of Spending table, i.e. cover the full investment life-cycle. eCPIC allows creation of sub-milestones several levels down while automatically aggregating the cost and schedule totals to the highest level. Limit sub-milestone durations to a single fiscal year or less.*

*Enter any "Actual" spending information to any item.*

**NOTE:** *Be sure to include the costs of any FTEs stated in the Summary of Spending Table funded by this project.*

**2. b Comparison of Plan vs. Actual Performance Table:**



Description of Milestone	Planned		Actual		Variance	
	Completion Date (mm/dd/yyyy)	Total Cost (\$M)	Completion Date (mm/dd/yyyy)	Total Cost (\$M)	Schedule/Cost (# days \$M)	

**PART IV: For “E-Gov and Lines of Business Oversight” ONLY**

Part IV should be completed *only* for investments which in FY08 are considered an E-Gov initiative or a Line of Business(LOB), i.e., selected the “E-Gov and LOB Oversight” choice in response to Question 6 in Part I, Section A above. Investments currently identified as “E-Gov and LOB Oversight” will complete only Parts I and IV of the exhibit 300.

**Section A: E-Gov and Lines of Business Oversight (All Capital Assets)**

Multi-agency initiatives, such as E-Gov and LOB initiatives, should develop a joint exhibit 300.

1. As a joint exhibit 300, please identify the agency stakeholders. Provide the partner agency and partner agency approval date for this joint exhibit 300.

Partner Agency	Joint exhibit approval date
(agency code)	(date)

2. Provide the partnering strategies you are implementing with the participating agencies and organizations. Identify all partner agency capital assets supporting the common solution; Managing Partner capital assets should also be included in this joint exhibit 300. These capital assets should be included in the Summary of Spending table of Part I, Section B.

Capital Assets within this Investment		
Partner Agency	Partner Agency Asset Title	Partner Agency Asset UPI
(agency code)	(short text)	(xxx-xx-xx-xx-xxxx-xx)

3. For jointly funded initiative activities, provide in the “Partner Funding Strategies Table”: the name(s) of partner agencies; the UPI of the partner agency investments; and the partner agency contributions for CY and BY. Please indicate partner contribution amounts (in-kind contributions should also be included in this amount) and fee-for-service amounts.

Partner Funding Strategies (\$ millions)					
Partner Agency	Partner Exhibit 53 UPI	CY Contribution	CY Fee-for-Service	BY Contribution	BY Fee-for-Service



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(agency code)	(xxx-xx-xx-xx-xxxxxx-xx)	(Positive dollar value)	(Positive dollar value)	(Positive dollar value)	(Positive dollar value)

An Alternatives Analysis for E-Gov and LOB initiatives should also be obtained. At least three viable alternatives, in addition to the current baseline (i.e., the status quo), should be included in the joint exhibit 300. Use OMB Circular A-94 for all investments, and the Clinger Cohen Act of 1996 for IT investments, to determine the criteria you should use in your Benefit/Cost Analysis.

*Examples of alternatives include: buy-it, out source it, build-it yourself, incrementally improve, and/or totally replace/rebuild. Provide benefits and reasons for your alternative choice. Use OMB Circular A-94 for all investments and the Clinger Cohen Act for IT investments for the criteria to be used for Benefit/Cost Analysis. Include the minimum criteria applied in considering whether to undertake this particular investment, including criteria related to the quantitatively expressed projected net, risk-adjusted return on investment, and specific quantitative and qualitative criteria for comparing and prioritizing alternative investments.*

*Alternatives analysis must be performed with a future-focus included in your E-Gov strategy rather than an alternatives analysis that was performed several years ago and no longer valid. Alternatives are to be compared consistently, providing reasons and benefits for each alternative. Clearly identify why you chose the alternative selected for the project. Alternatives should be updated every three years to account for new technological solutions, operational environment changes, or a major shift in system strategy.*

- 4. Did you conduct an alternatives analysis for this investment? Yes  No  *Must be "Yes"*
  - a. If "yes," provide the date the analysis was completed? *Must be within 3 years*
  - b. If "no," what is the anticipated date this analysis will be completed? *Answer as applicable*
  - c. If no analysis is planned, please briefly explain why not: *Answer as applicable*

5. Use the results of your alternatives analysis to complete the following table:  
*Cost of selected alternative must match the funding numbers in the Summary of Spending table. Non-selected alternatives should be updated as applicable based on any known cost changes.*

Alternative Analyzed	Description of Alternative	Lifecycle Costs estimate	Lifecycle Benefits estimate
Baseline	Status quo	(Positive dollar value)	(Positive dollar value)
1	(medium text)	(Positive dollar value)	(Positive dollar value)
2	(medium text)	(Positive dollar value)	(Positive dollar value)
3	(medium text)	(Positive dollar value)	(Positive dollar value)

6. Which alternative was selected by the Initiative Governance process and why was it chosen? (Long text)

7. What specific qualitative benefits will be realized? (Long text)

8. What specific quantitative benefits will be realized (using current dollars)?

Federal Quantitative Benefits (\$ millions)
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	Budgeted Cost Savings	Cost Avoidance	Justification for Budgeted Cost Savings	Justification for Cost Avoidance
PY& prior	(Positive dollar value)	(Positive dollar value)	(medium text)	(medium text)
PY				
CY				
BY				
BY+1				
BY+2				
BY+3				
BY+4 & Beyond				
Total LCC Benefit				

All dollar amounts must be reported in millions with at least 3 decimals (6 decimals available)

**Section B: Risk Management (All Capital Assets)**

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.

Answer the following questions to describe how you are managing investment risks.

1. Does the investment have a Risk Management Plan? Yes  No  *Must be "Yes"*
  - a. If “yes,” what is the date of the plan? *Must be within last 3 years*
  - b. Has the Risk Management Plan been significantly changed since last year’s submission to OMB? Yes  No  *Answer as applicable*
  - c. If “yes,” describe any significant changes: *Answer as applicable*
  
2. If there currently is no plan, will a plan be developed? Yes  No  *If Question above was "Yes," skip to #3 or answer as applicable*
  - a. If “yes,” what is the planned completion date? (date)
  - b. If “no,” what is the strategy for managing the risks? *Answer as applicable*
  
3. Briefly describe how investment risks are reflected in the life cycle cost estimate and investment schedule: *The Project Manager should be able to cross-walk from risk to the costs displayed for each investment stage of the selected alternative in the Summary of Spending table. Thus, risk's cost should be the basis for the “Risk Adjusted” costs for each phase/element listed in the table.*



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

You should also periodically be measuring the performance of operational assets against the baseline established during the planning or full acquisition phase (i.e., operational analysis), and be properly operating and maintaining the asset to maximize its useful life. Operational analysis may identify the need to redesign or modify an asset by identifying previously undetected faults in design, construction, or installation/integration, highlighting whether actual operation and maintenance costs vary significantly from budgeted costs, or documenting that the asset is failing to meet program requirements.

Answer the following questions about the status of this investment. Include information on all appropriate capital assets supporting this investment except for assets in which the performance information is reported in a separate Exhibit 300.

- 1. Are you using EVM to manage this investment? Yes  No  N/A (investments with ONLY O&M) 
  - a. If “yes,” does the earned value management system meet the criteria in  ANSI/EIA Standard – 748? Yes  No
  - b. If “no,” explain plans to implement EVM: (Long text)
  - c. If “N/A,” please provide date operational analysis was conducted and a brief summary of the results? (Long text)

Questions #2 - 7 are NOT applicable for capital assets with ONLY O&M

- 2. Answer the following questions about current cumulative cost and schedule performance. Indicate whether the information provided is contractor-only, or whether it includes both government and contractor costs. “As of” date: *Must be today's date, as data must be current! Format is mm/dd/yyyy*
  - a. What is the Planned Value (PV)? (BCWS) (\$K with 3 decimals)
  - b. What is the Earned Value (EV)? (BCWP) (\$K with 3 decimals)
  - c. What is the actual cost of work performed (AC)? (ACWP) (\$K with 3 decimals)
- 3. What is the calculated Schedule Performance Index (SPI= EV/PV)? *Positive number with 2 decimal places*
- 4. What is the schedule variance (SV = EV-PV)? *Positive or negative dollar value (\$K with 3 decimals)*
- 5. What is the calculated Cost Performance Index (CPI = EV/AC)? *Positive number with 2 decimal places*
- 6. What is the cost variance (CV = EV-AC)? *Positive or negative dollar value (\$K with 3 decimals)*
- 7. Is the CV or SV greater than 10%? Yes  No  *Answer as applicable*
  - a. If “yes,” was it the CV  or SV  or both ? *Answer as applicable*
  - b. If “yes,” explain the variance: *Answer as applicable. Explanations for variances must be consistent with information stated in other parts of 300. Identify the specific work packages where problems are occurring and discuss why the problems occurred. A good variance analysis provides understanding as to whether the condition is chronic, unique or resolvable. Explain based on work accomplished to date, whether or not you still expect to achieve your performance goals. Example: XYZ has a -17.24 Cost Variance and a -9.38 Schedule Variance*



due to a problem in WBS 5.0.1 Initial Widget Development brought on by....state why. We expect to achieve our performance goals because...

c. If “yes,” what corrective actions are being taken? *Answer as applicable. Discuss the corrective actions that will be taken to correct the variances, the risk associated with the actions, and how close the planned actions will bring the investment to the original baseline. Define proposed baseline changes, if necessary. Based on the analysis, provide and discuss rationale for the IPT’s most likely EAC. Include a "get-well" date. Example: The following progress has been made to correct XYZ -17.24 Cost Variance and a -9.38 Schedule Variance....state what specifically is being done. The IPT used ABC to determine the EAC. The project is expected to be back on cost schedule by...*

d. What is most current “Estimate at Completion”? (\$K with 3 decimals) *Provide EAC*

**Questions #8-9 are applicable to ALL capital assets.**

8. Is the department requesting a change in the performance baseline? Yes  No  *Answer as applicable*

9. Complete the following table to compare actual performance against the current performance baseline and to the initial performance baseline. In the Current Baseline section, for all milestones listed, you should provide both the baseline and actual completion dates (e.g., “03/23/2003”/ “04/28/2004”) and the baseline and actual total costs (in \$ Millions). Indicate if the information provided includes government and contractor costs:

- a. Government costs? Yes  No  *Answer as applicable*
- b. Contractor costs? Yes  No  *Answer as applicable*

*When completing this table consider: What are the cost and schedule goals for the phases or segment/module of the project, e.g. what are the major project milestones or events; when will each occur; and what is the estimated cost to accomplish each one? Also identify the funding agency for each milestone or event if this is a multi-agency project. If this is a multi-agency project or one of the Presidents E-Gov initiatives, use the detailed project plan with milestones on the critical path, to identify agency funding for each module or milestone. The Initial baseline is the first OMB approved project baseline.*

*This table should correspond to the third level of the investment’s work breakdown structure and account for all spending included in the Summary of Spending table, i.e. cover the full investment life-cycle. Break out spending by stage (planning, development/acquisition, operations and maintenance) and by contract wherever possible. This simplifies identification of variances and ability to take corrective action. Also, eCPIC allows creation of sub-milestones several levels down while automatically aggregating the cost and schedule totals to the highest level. Limit sub-milestone durations to a single fiscal year or less.*

Description of Milestone	Planned Completion	Total Cost (\$M)	Completion Date		Total Cost (\$M)		Schedule/Cost (# days/\$M)	Percent Complete	Agency responsible for activity
			Initial Baseline	Current Baseline	Planned	Actual			
(short text)	date	(Positive dollar value)	date	date	(Positive dollar value)	(Positive dollar value)	Baseline +/- S Variance	0-100%	Agency Code



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*Include multiple functional milestones or sub-milestones each year for at least CY, BY, and BY+1.*

*Enter "milestones" in the **Description** column prefaced with DME or SS as appropriate. Enter any "Actual" spending information to any item.*

*If any part of the project is steady state, complete one milestone line on the chart for each year. You may enter as many sub-milestones as desired to the one SS milestone.*



**Appendix A – Current Investment Table**

Line Office	Investment Name	Type of Investment	Complete Exhibit 300 Part	
OCIO	NOAA/OCIO/ Financial Management IT Operations	Steady State	Part 1: Summary Information and Justification	Part 3: For "Operation and Maintenance" Investment ONLY (Steady State)
OCIO	NOAA/OICO/ NOAA Non-Core CBS Financial Management System (PCS)	Steady State	Part 1: Summary Information and Justification	Part 3: For "Operation and Maintenance" Investment ONLY (Steady State)
OCIO	NOAA/OCIO/ NOAA Grants On-Line	Steady State	Part 1: Summary Information and Justification	Part 3: For "Operation and Maintenance" Investment ONLY (Steady State)
OCIO	NOAA/CIO/ NOAA R&D High Performance Computing System	Steady State	Part 1: Summary Information and Justification	Part 3: For "Operation and Maintenance" Investment ONLY (Steady State)
NWS	NOAA/NWS/ AWIPS	Mixed Life	Part 1: Summary Information and Justification	Part 2: Planning, Acquisition and Performance Information
NWS	NOAA/NWS/ NEXRAD Product Improvement	DME (Acquisition)	Part 1: Summary Information and Justification	Part 2: Planning, Acquisition and Performance Information
NWS	NOAA/NWS/ NCEP Weather and Climate Operational Supercomputer Systems (WCOSS Primary and Backup)	Steady State	Part 1: Summary Information and Justification	Part 2: Planning, Acquisition and Performance Information
NWS	NOAA/NWS/ NCEP Weather and Climate Computing Infrastructure Services (WCCIS)	Steady State	Part 1: Summary Information and Justification	Part 2: Planning, Acquisition and Performance Information
NWS	NOAA/NWS/ NWSTG (Legacy, Replacement, and CIP)	Mixed Life	Part 1: Summary Information and Justification	Part 2: Planning, Acquisition and Performance Information
NWS	NOAA/NWS/ National Air Quality Forecast Capability	Mixed Life	Part 1: Summary Information and Justification	Part 2: Planning, Acquisition and Performance Information



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NWS	NOAA/NWS/ NEXRAD Operations and Maintenance	Steady State	Part 1: Summary Information and Justification	Part 3: For "Operation and Maintenance" investments ONLY (Steady State)
NWS	NOAA/NWS/ NWS Office of Hydrologic Development	Mixed Life	Part 1: Summary Information and Justification	Part 2: Planning, Acquisition and Performance Information
NWS	NOAA/NWS/ NERON	DME (Acquisition)	Part 1: Summary Information and Justification	Part 2: Planning, Acquisition and Performance Information
NWS	NOAA/NWS/ NOAA Profiler Network	DME (Acquisition)	Part 1: Summary Information and Justification	Part 2: Planning, Acquisition and Performance Information
NWS	NOAA/NWS/ NWS Dissemination Systems (NDS)	Mixed Life	Part 1: Summary Information and Justification	Part 2: Planning, Acquisition and Performance Information
NWS	NOAA/NWS/ NDBC Ocean Observing System of Systems (NOOS)	Mixed Life	Part 1: Summary Information and Justification	Part 2: Planning, Acquisition and Performance Information
NWS	NOAA/NWS/ NWS Regions and Field	Steady State	Part 1: Summary Information and Justification	Part 3: For "Operation and Maintenance" investments ONLY (Steady State)
NWS	NOAA/NWS/ ASOS		Part 1: Section B - Financial Summary	
NWS	NOAA/NWS/ Data Assimilation and Modeling		Part 1: Section B - Financial Summary	
NESDIS	NOAA/NESDIS/ GOES Ground System	Mixed Life	Part 1: Summary Information and Justification	Part 2: Planning, Acquisition and Performance Information
NESDIS	NOAA/NESDIS/ POES Ground System	Mixed Life	Part 1: Summary Information and Justification	Part 2: Planning, Acquisition and Performance Information
NESDIS	NOAA/NESDIS/ ESPC	Mixed Life	Part 1: Summary Information and Justification	Part 2: Planning, Acquisition and Performance Information



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NESDIS	NOAA/NESDIS/ SOCC/CDA	Mixed Life	Part 1: Summary Information and Justification	Part 2: Planning, Acquisition and Performance Information
NESDIS	NOAA/NESDIS/ NPOESS Ground System	DME	Part 1: Summary Information and Justification	Part 2: Planning, Acquisition and Performance Information
NESDIS	NOAA/NESDIS/ NPOESS Data Exploitation (NDE)	DME	Part 1: Summary Information and Justification	Part 2: Planning, Acquisition and Performance Information
NESDIS	NOAA/NESDIS/ CLASS	Mixed Life	Part 1: Summary Information and Justification	Part 2: Planning, Acquisition and Performance Information
NESDIS	NOAA/NESDIS/ NOAA National Data Centers (NNDC)	Steady State	Part 1: Summary Information and Justification	Part 3: For "Operation and Maintenance " investment ONLY (Steady Sate)
NESDIS	NOAA/NESDIS/ SARSAT	Mixed Life	Part 1: Summary Information and Justification	Part 2: Planning, Acquisition and Performance Information
NOS	NOAA/NOS/ Nautical Charting System	Mixed Life	Part 1: Summary Information and Justification	Part 2: Planning, Acquisition and Performance Information
NOS	NOAA/NOS/ PORTS & NWLON	Mixed Life	Part 1: Summary Information and Justification	Part 2: Planning, Acquisition and Performance Information
NOS	NOAA/NOS/ Geodetic Support Ssystem	Mixed Life	Part 1: Summary Information and Justification	Part 2: Planning, Acquisition and Performance Information
OAR	NOAA/OAR/ NOAA Scientific Computing Support	Steady State	Part 1: Summary Information and Justification	Part 2: Planning, Acquisition and Performance Information
OAR	NOAA/OAR/ GFDL	Steady State	Part 1: Summary Information and Justification	Part 3: For "Operation and Maintenance" investment ONLY (Steady State)



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NMFS	NOAA/NMFS/ Vessel Monitoring System	Mixed Life	Part 1: Summary Information and Justification	Part 2: Planning, Acquisition and Performance Information
NMFS	NOAA/NMFS/ Fisheries Information System	Mixed Life	Part 1: Summary Information and Justification	Part 2: Planning, Acquisition and Performance Information
NMAO	NOAA/NMAO/ NOAA Marine and Aviation Operations	Mixed Life	Part 1: Summary Information and Justification	Part 2: Planning, Acquisition and Performance Information