



DHS Exhibit 300 Public Release BY08 (Form) / USCG - Nationwide Automatic Identification System (NAIS) for MDA (2008) (Item)

Form Report, printed by: Administrator, System, Feb 12, 2007

OVERVIEW

General Information

1. Date of Submission:	Jun 14, 2006
2. Agency:	Department of Homeland Security
3. Bureau:	United States Coast Guard (USCG)
4. Name of this Capital Asset:	USCG - Nationwide Automatic Identification System (NAIS) for MDA (2008)
Investment Portfolio:	USCG Home Portfolio 2008
5. Unique ID:	024-60-01-02-01-6005-00

(For IT investments only, see section 53. For all other, use agency ID system.)

All investments

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

(Please NOTE: Investments moving to O&M ONLY in FY2008, with Planning/Acquisition activities prior to FY2008 should not select O&M. These investments should indicate their current status.)

Acquisition

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

FY2006

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

The Nationwide Automatic Identification System (NAIS) will be an integrated network of Automatic Identification System (AIS) receivers, AIS transmitters, data processing and storage centers, and user interfaces that will collect, integrate, analyze, and display information concerning AIS equipped vessels operating on or bound for U.S. waters. The genesis of the NAIS mission need comes from the Maritime Transportation Security Act of 2002, which directs the Coast Guard to implement a system to collect, integrate, and analyze information concerning vessels operating on or bound for waters subject to the jurisdiction of the United States. Although the regulatory framework has been quickly put into place, limited infrastructure exists to collect AIS signals in order to enforce the carriage requirements, or to receive and disseminate the AIS data needed to provide useful nationwide information on vessels approaching, or operating near or within the U.S. Maritime Domain. The purpose of the NAIS project is to provide an integrated nationwide system to meet the Congressional mandate and the practical need to effectively utilize AIS data throughout the U.S. Maritime Domain. NAIS will complement other surveillance and intelligence systems in identifying vessels requiring further investigation and action.

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

Yes

9.a. If "yes," what was the date of this approval?

Jan 12, 2005

10. Did the Project Manager review this Exhibit?

Yes

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

Yes

12.a. Will this investment include electronic assets (including computers)?

Yes

12.b. Is this investment for new construction or major retrofit of a Federal building or facility? (answer applicable to non-IT assets only)

No

12.b.1. If "yes," is an ESPC or UESC being used to help fund this investment?

12.b.2. If "yes," will this investment meet sustainable design principles?

12.b.3. If "yes," is it designed to be 30% more energy efficient than relevant code?

13. Does this investment support one of the PMA initiatives?

Yes

If "yes," select the initiatives that apply:

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

13.a. Briefly describe how this asset directly supports the identified initiative(s)?

Expanded E-Government - NAIS allows the exchange of information on vessels electronically - from the vessel to the government and then to other users in and outside of the government.
Competitive Sourcing - The majority of NAIS, will be developed and delivered through a Request for Proposal (RFP) process, which will be full and open and widely publicized, ensuring the market's best technologies and private sectors' proposed solutions are considered as key components.

14. Does this investment support a program assessed using OMB's Program Assessment Rating Tool (PART)?

Yes

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

Yes

14.b. If "yes," what is the name of the PART program assessed by OMB's Program Assessment Rating Tool?

USCG - Ports Waterways and Coastal Security

14.c. If "yes," what PART rating did it receive?

15. Is this investment for information technology (See section 53 for definition)?

Yes

For information technology investments only:

16. What is the level of the IT Project (per CIO Council's PM Guidance)?

Level 1

17. What project management qualifications does the Project Manager have? (per CIO Council's PM Guidance)

(1) Project manager has been validated as qualified for 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

19. Is this a financial management system?

No


19.a. If "yes," does this investment address a FFMA compliance area?

19.a.1. If "yes," which compliance area:

19.a.2. If "no," what does it address?

19.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%)

Area	Percentage	
Hardware	24.00	
Software	34.00	
Services	14.00	
Other	28.00	
Total	100.00	

21. *If this project 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?*

N/A

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

No

SUMMARY OF FUNDING

SUMMARY OF SPENDING FOR PROJECT PHASES (In Millions)

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.

All amounts represent Budget Authority

	PY-1 & Earlier	PY	CY	BY
	-2005	2006	2007	2008
Planning:				
Budgetary Resources	3.677	2.259	2.414	2.715
Acquisition:				
Budgetary Resources	43.832	21.501	8.824	9.285
Subtotal:				
Budgetary Resources	47.509	23.760	11.238	12.000
Maintenance:				
Budgetary Resources	0.000	3.300	6.000	6.000
TOTAL, All Stages				
Budgetary Resources	47.509	27.060	17.238	18.000
Government FTE Cost	0.679	1.605	2.173	4.189
# of FTEs	6.00	13.00	18.00	31.00
Total, BR + FTE Cost	48.188	28.665	19.411	22.189

Note: For the cross-agency investments, this table should include all funding (both managing partner and partner agencies).

Government FTE Costs should not be included as part of the TOTAL represented.

2. Will this project require the agency to hire additional FTE's?

Yes

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

13 additional FTE will be required in FY08. 10 additional FTE will be required in FY09 and 11 in FY13. A total of 52 FTE will be required through FY14 and are then decreased to 30 from FY15-28.

3. If the summary of spending has changed from the FY2007 President's budget request, briefly explain those changes.

The total acquisition cost estimate of \$196M, reported in the FY07 Exhibit 300 was established during the early conceptual stage of the project. Since that time, the project life cycle cost model has become more refined as the operational requirements for the system have matured, realistic planning factors for the system components have been established and actual cost figures from similar-type projects and market research data have been applied. The current NAIS cost estimate of \$276.8M will be used as the acquisition cost baseline upon approval of the Acquisition Program Baseline (APB) at Investment Review Milestone 2 - Alternative Selection. The NAIS Project Office expects to achieve Milestone 2 in September 2006. The Summary of Spending Table reflects Planning and Acquisition non-labor budgetary resources of \$71.27M and the projected outlays totaling \$22.75M through FY06. The Actual Performance Against the Current Baseline, under Cost and Schedule, reflects outlays of \$22.6M, including government labor of \$1.08M, through May 31, 2006 for the Project Initiation/Concept Technology and Development Milestone.