



DHS Exhibit 300 Public Release BY09 (Form) / USCG - Rescue 21 (2009) (Item)

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OVERVIEW

General Information

1. Date of Submission:	Sep 10, 2007
2. Agency:	Department of Homeland Security
3. Bureau:	United States Coast Guard (USCG)
4. Name of this Capital Asset:	USCG - Rescue 21 (2009)
5. Unique ID:	024-60-01-05-01-6079-00
(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 FY2009?

(Please NOTE: Investments moving to O&M ONLY in FY2009, with Planning/Acquisition activities prior to FY2009 should not select O&M. These investments should indicate their current status.)

Mixed Life Cycle

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

FY2001 or earlier

8. Provide a brief summary and justification for this investment, including a brief description of how this closes in part or in whole an identified agency performance gap. [LIMIT: 2500 char]

Utilizing the latest in commercially available technology, Rescue 21 is an advanced command, control, and communications system that is greatly improving the Coast Guard's ability to execute all missions in the coastal zone. Rescue 21 leverages direction-finding technology to more accurately locate the source of a distress call; upgrades playback and recording features; enhances clarity of distress calls; reduces coverage gaps; and supports Digital Selective Calling. Furthermore, the system enables coordination and interoperability with federal, state, local, and first responder agencies through the use of designated VHF and UHF interoperability frequencies. The Rescue 21 system also provides for restoration of critical communications following natural or man-made disasters through use of deployable portable antenna towers. Upon completion, the system will consist of approximately 39 Coast Guard Sector Command Centers or Group/Air Stations outfitted with Rescue 21 hardware, software and supporting communications equipment (radios, antennas, routers, workstations, etc), and will cover more than 95,000 miles of coastline, navigable rivers and waterways throughout the continental United States (including the Great Lakes), Alaska, Hawaii, Guam, and Puerto Rico (including U. S. Virgin Islands). The Rescue 21 system's approximately 350 communications towers configured with transmit/receive antennas will overhaul the Coast Guard's legacy VHF short-range communications system. Rescue 21 replaces the legacy National Distress and Response System, deployed in the 1970's, which contains obsolete and non-standard equipment, has limited interoperability and direction finding capability and contains numerous communications coverage gaps throughout U.S. coastal waters.

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

Yes

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

Sep 30, 1995

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	Yes
Financial Performance	
Expanded E-Government	
Competitive Sourcing	
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 and specifically describe for each selected how this asset directly supports the identified initiative(s)? (e.g. If E-Gov is selected, is it an approved shared service provider or the managing partner?)

As outlined in the Performance Reference Model within the Enterprise Architecture section of this Exhibit 300, the Coast Guard has integrated the Rescue 21 budget with operational performance by assessing the return on investment in terms of impact on the Service's Search and Rescue (SAR) mission program performance goal, as described in the SAR PART, and three associated performance measures (operational availability, communications coverage, and marine information broadcast transmission rate).

14. Does this investment support a program assessed using 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 - Search and Rescue

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

Adequate

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 2007 agency high risk report (per OMB Memorandum M-05-23)

Yes

19. Is this a financial management system?

No

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

19.a.1. If "yes," which compliance area: [LIMIT: 250 char]

19.a.2. If "no," what does it address? [LIMIT: 500 char]

Rescue 21 is a command, control, and communications system that will improve the Coast Guard's ability to conduct all maritime safety, security, and stewardship missions in the coastal zone. Rescue 21 will replace the legacy National Distress and Response System, greatly enhancing the Coast Guard's Search and Rescue mission performance through increased capabilities including continuous Channel 16 guard, simultaneous communications, direction finding, and Digital Selective Calling (DSC).

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. [LIMIT: 2500 char]

20. What is the percentage breakout for the total FY2009 funding request for the following? (This should total 100%)

Area	Percentage	
Hardware	41.04	
Software	4.15	
Services	48.62	
Other	6.19	
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?

Yes

Question 24 must be answered by all Investments:

24. Does this investment directly support one of the GAO High Risk Areas?

No

SUMMARY OF SPENDING

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
	-2006	2007	2008	2009
Planning:				
Budgetary Resources	21.491	1.980	4.040	3.000
Acquisition:				
Budgetary Resources	408.311	37.620	76.260	70.000
TOTAL, sum of stages:				
Budgetary Resources	429.802	39.600	80.300	73.000
Maintenance:				
Budgetary Resources	59.684	26.564	44.382	45.852
TOTAL, All Stages				
Budgetary Resources	489.486	66.164	124.682	118.852
Government FTE Costs	38.341	6.891	7.689	7.798
# of FTEs	352.00	61.00	70.00	0.00
Total, BR + FTE Cost	527.827	73.055	132.371	126.650

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

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

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

No

2.a. If "yes," how many and in what year? [LIMIT: 500 char]

3. If the summary of spending has changed from the FY2008 President's budget request, briefly explain those changes. [LIMIT: 2500 char]

The summary of spending table above has changed from the FY08 President's budget request, which reflects earlier estimates. The FY08 appropriated amount for Rescue 21 is \$80.300 million which includes \$4.040 million for planning budgetary resources and \$76.260 million for acquisition budgetary resources based on the 2008 Consolidated Appropriations Act. The FY09 request is \$73.000 million which includes \$3.000 million for planning budgetary resources and \$70.000 million for acquisition budgetary resources.