

**Exhibit 300: Capital Asset Plan and Business Case Summary****Part I: Summary Information And Justification (All Capital Assets)****Section A: Overview (All Capital Assets)**

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| 1. Date of Submission:   | 1/7/2008   |
| 2. Agency:   | Department of Commerce   |
| 3. Bureau:   | Noaa (Nesdis)  |
| 4. Name of this Capital Asset:   | NOAA/NESDIS/ Search and Rescue Satellite-Aided Tracking (SARSAT) |
| 5. Unique Project (Investment) Identifier: (For IT investment only, see section 53. For all other, use agency ID system.)  | 006-48-01-15-01-3208-00  |
| 6. What kind of investment will this be in FY2009? (Please NOTE: Investments moving to O&M 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?  | FY2002   |
| 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:   |  |
| <p>SARSAT system locates those in distress almost anywhere in the world at anytime. Its Mission Control Center processes distress signals from vessels and people and alerts the appropriate search and rescue authorities to the related location. Office of Satellite Data Processing and Distribution (OSDPD) represents NOAA as the lead agency for satellite aided search and rescue (SAR) in the United States. NOAA works with the NASA, USAF and the USCG in operating and maintaining the Search and Rescue Satellite Aided Tracking system. The Search and Rescue Satellite-Aided program relays distress signals from aviation, maritime, and land-based users to national and international search and rescue authorities on a non-discriminatory basis. The SARSAT ground stations receive, process, and distribute emergency distress signals from many sources, including the NOAA POES and GOES satellites, and relay position and identification data to the NOAA operated and maintained U.S. Mission Control Center (USMCC) on a 24X7 basis. The SARSAT USMCC maintains a 32-node national frame-relay network for collection and dissemination of distress alerts to the appropriate national authority. NOAA also relays distress alerts to designated international Search and Rescue Points of Contact. For example, SARSAT manages and coordinates U.S. activities in the international Cospas-Sarsat Program. Cospas-Sarsat is an international, humanitarian search and rescue system consisting of emergency beacons, satellites, ground stations, and mission control centers. Its goal is to provide alert and location services in support of search and rescue to all States on a non-discriminatory basis. The Cospas-Sarsat system has assisted in the rescue of over 20,000 people since program inception in 1982. Search and Rescue capable spacecraft, satellite ground stations and U.S. MCC have been in operations since late 1982. New instruments will be flown on up-coming GOES and POES satellite systems. France and Canada, per agreement, will deliver Search and Rescue instruments for the National Polar-orbiting Environmental Satellite System (NPOESS) and Meteorological Operational (METOP) satellite series. NOAA has identified an Agency performance gap: no framework exists for international emergency response. SARSAT's national and international detection, notification and response capability and timely notification to critical response partners partially fills this gap.</p> |  |
| 9. Did the Agency's Executive/Investment Committee approve this request?   | Yes  |
| a. If "yes," what was the date of this approval?   | 2/28/2007  |
| 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  |
| a. Will this investment include electronic assets (including computers)?   | Yes  |
| b. Is this investment for new construction or major retrofit of a Federal building or facility? (answer applicable to non-IT assets only)  | No   |
| 1. If "yes," is an ESPC or UESC being used to help fund this investment?   |  |
| 2. If "yes," will this investment meet sustainable design principles?  |  |

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

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

If "yes," check all that apply:

Expanded E-Government

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

As the Federal Government's mandated registrar of 406 MHz emergency beacon registration information SARSAT maintains a website through which the public can register and update distress beacon information electronically. In addition, SARSAT has initiated an Electronic Government capability for U.S. Coast Guard and U.S. Air Force Rescue Coordination Centers to provide electronic incident history feedback for every emergency distress beacon event within the U.S.

14. Does this investment support a program assessed using the Program Assessment Rating Tool (PART)? (For more information about the PART, visit [www.whitehouse.gov/omb/part.](http://www.whitehouse.gov/omb/part.)) No

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

b. If "yes," what is the name of the PARTed program?

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

15. Is this investment for information technology? Yes

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

For information technology investments only:

16. What is the level of the IT Project? (per CIO Council PM Guidance) Level 2

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

(1) Project manager has been validated as qualified for this investment

18. Is this investment or any project(s) within this investment identified as "high risk" on the Q4 - FY 2007 agency high risk report (per OMB Memorandum M-05-23)

No

19. Is this a financial management system?

No

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

1. If "yes," which compliance area:

N/A

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

b. If "yes," please identify the system name(s) and system acronym(s) as reported in the most recent financial systems inventory update required by Circular A-11 section 52

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

Hardware	21
Software	25
Services	33
Other	21

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

**Section B: Summary of Spending (All Capital Assets)**

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

Table 1: SUMMARY OF SPENDING FOR PROJECT PHASES (REPORTED IN MILLIONS)								
(Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions)								
	PY-1 and earlier	PY 2007	CY 2008	BY 2009				
Planning:	0	0	0	0				
Acquisition:	0.075	0	0.469	0.231				
Subtotal Planning & Acquisition:	0.075	0	0.469	0.231				
Operations & Maintenance:	14.619	2.027	1.612	2.623				
TOTAL:	14.694	2.027	2.081	2.854				
<b>Government FTE Costs should not be included in the amounts provided above.</b>								
Government FTE Costs	3.498	0.714	0.732	0.751				
Number of FTE represented by Costs:	25	5	5	5				

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?  Yes  No

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

3. If the summary of spending has changed from the FY2008 President's budget request, briefly explain those changes: '08 DME funding decreased by \$85K due to reprogramming of DME activities.

**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.

Exhibit 300: NOAA/NESDIS/ Search and Rescue Satellite-Aided Tracking (SARSAT) (Revision 15)

Contracts/Task Orders Table:														* Costs in millions		
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 (\$M)	Is this an Interagency Acquisition ? (Y/N)	Is it performance based? (Y/N)	Competitively awarded? (Y/N)	What, if any, alternative financing option is being used? (ESPC, UESC, EUL, N/A)	Is EVM in the contract? (Y/N)	Does the contract include the required security & privacy clauses? (Y/N)	Name of CO	CO Contact information (phone/email)	Contracting Officer 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)
50-DGNE-1-9-0053 Ground Station Provider/Ground Station Maintenance	Hybrid FP and Time and Materials	Yes	8/1/2001	6/1/2007	8/1/2008	6.562	Yes	Yes	Yes	NA	No	Yes	Perlroth, Joel	Joel.Pperlroth@noaa.gov	Level 3	
GS23F0092K Engineering and Program Management Support	CPFF	Yes	8/1/2003	6/1/2007	5/31/2008	4.22	Yes	Yes	Yes	NA	No	Yes	Perlroth, Joel	Joel.Pperlroth@noaa.gov	Level 3	
USMCC Operations Maintenance and Technical Support	Hybrid FP and CPFF	No	9/1/2007	9/30/2007	3/29/2015	18	Yes	Yes	Yes	NA	Yes	Yes	Jones, Edith L	Edith.L.Jones@noaa.gov	Level 3	
50-DDNE-1-90033 USMCC Operations Maintenance and Technical Support	Hybrid FP and CPFF	Yes	6/1/2001	7/1/2001	9/30/2007	14.9	Yes	Yes	Yes	NA	No	Yes	Jones, Edith L	Edith.L.Jones@noaa.gov	Level 3	

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

The vast majority of current SARSAT work is O&M, the DME portion of the SARSAT budget does not currently meet the Department's definition of a major development (DME) project, thus EVMS is not required for this work. In addition to not meeting the Department's threshold, existing contracts are for level-of-effort type services and the awards substantially pre-date the OMB EVM requirements - the new contract awarded in FY08 for a ground station will have the requirements in place.

3. Do the contracts ensure Section 508 compliance? Yes

a. Explain why:

The Department of Commerce and NOAA Contracting Offices require the inclusion of Section 508 compliance language in the statement of work for all IT development service contracts. In order to procure all COTS equipment and software, requestors are required to include with their purchase order or file the Government purchase card invoices as well as the vendors statement of compliance (Voluntary Product Assessability Template VPAT)).

4. Is there an acquisition plan which has been approved in accordance with agency requirements? Yes

a. If "yes," what is the date?

4/13/2007

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

1. If "no," briefly explain why:

**Section D: Performance Information (All Capital Assets)**

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

Agencies must use the following table to report performance goals and measures for the major investment and use the Federal Enterprise Architecture (FEA) Performance Reference Model (PRM). Map all Measurement Indicators to the corresponding "Measurement Area" and "Measurement Grouping" identified in the PRM. There should be at least one Measurement Indicator for each of the four different Measurement Areas (for each fiscal year). The PRM is available at [www.egov.gov](http://www.egov.gov). The table can be extended to include performance measures for years beyond FY 2009.

Performance Information Table								
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
2006	3.2 Enhance the conservation and management of coastal and marine resources to meet America's economic, social, and environmental needs.	Customer Results	Timeliness and Responsiveness	Delivery Time	Transmission of alert to Rescue Coordination Center (RCC) within one hour as % of total transmissions, Quarterly	91%	No planned improvement until system upgrades in 2008.	96%
2006	3.2 Enhance the conservation and management of coastal and marine resources to meet America's economic, social, and environmental needs.	Mission and Business Results	Disaster Management	Disaster Monitoring and Prediction	Doppler Solutions within 5 KM as % of total Doppler Solutions, Quarterly	91%	None.	93.5%
2006	3.2 Enhance the conservation and management of coastal and marine resources to meet America's economic, social, and environmental	Processes and Activities	Quality	Complaints	False Alert Rates (#of US Coded false alerts as % of estimated total US population). Quarterly	3%	Improve False Alert rate to 2.75% for FY2007.	1.25%

Exhibit 300: NOAA/NESDIS/ Search and Rescue Satellite-Aided Tracking (SARSAT) (Revision 15)

Performance Information Table								
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	needs.							
2006	3.2 Enhance the conservation and management of coastal and marine resources to meet America's economic, social, and environmental needs.	Technology	Reliability and Availability	Availability	Local Use Terminal (LUT) availability (successful passes as % of total passes), Quarterly	98%	None. 98% is the current planned maximum availability level.	99.5%
2006	3.2 Enhance the conservation and management of coastal and marine resources to meet America's economic, social, and environmental needs.	Technology	Reliability and Availability	Availability	Mission Control Center (MCC) availability (hours MCC uptime as % of total hours), Quarterly	98%	None. 98% is the current planned maximum availability level.	99.9%
2007	3.2 Enhance the conservation and management of coastal and marine resources to meet America's economic, social, and environmental needs.	Customer Results	Timeliness and Responsiveness	Delivery Time	Transmission of alert to Regional Control Center (RCC) within one hour as % of total transmissions, Quarterly	91%	91%	94.9% as of 3rd Qtr
2007	3.2 Enhance the conservation and management of coastal and marine resources to meet America's economic, social, and environmental needs.	Mission and Business Results	Disaster Management	Disaster Monitoring and Prediction	Doppler Solutions within 5 KM as % of total Doppler Solutions	91%	91%	94.2% as of 3rd Qtr
2007	3.2 Enhance the conservation and management of coastal and marine resources to meet America's economic, social, and environmental needs.	Processes and Activities	Quality	Complaints	False Alert Rates (# of US Coded false alerts as % of estimated total US population), Quarterly	2.75%	Improve False Alert Rate to 2.5% for FY2008	2.34%
2007	3.2 Enhance the conservation and management of coastal and marine resources to meet America's economic, social, and environmental needs.	Technology	Reliability and Availability	Availability	Local Use Terminal (LUT) availability (successful passes as % of total passes), Quarterly	98%	98%	99.8% as of 3rd Qtr
2007	3.2 Enhance the conservation and management of coastal and marine resources to meet America's economic, social, and environmental needs.	Technology	Reliability and Availability	Availability	Mission Control Center (MCC) availability (hours MCC uptime as % of total hours), Quarterly	98%	98%	99.9% as of 3rd Qtr
2008	3.2 Enhance the conservation and management of coastal and marine resources to	Customer Results	Timeliness and Responsiveness	Delivery Time	Transmission of alert to Regional Control Center (RCC) within one hour as % of total	91%	Improve RCC transmission rate to 92% for FY2009.	

Exhibit 300: NOAA/NESDIS/ Search and Rescue Satellite-Aided Tracking (SARSAT) (Revision 15)

Performance Information Table								
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	meet America's economic, social, and environmental needs.				transmissions, Quarterly			
2008	3.2 Enhance the conservation and management of coastal and marine resources to meet America's economic, social, and environmental needs.	Mission and Business Results	Administrative Management	Facilities, Fleet, And Equipment Management	Doppler Solutions within 5 KM as % of total Doppler Solutions, Quarterly	91%	Improve Doppler Solution Baseline Rate to 92% for FY2009.	
2008	3.2 Enhance the conservation and management of coastal and marine resources to meet America's economic, social, and environmental needs.	Processes and Activities	Quality	Complaints	False Alert Rates (# of US Coded false alerts as % of estimated total US population), Quarterly	2.5%	Meet or exceed baseline %.	
2008	3.2 Enhance the conservation and management of coastal and marine resources to meet America's economic, social, and environmental needs.	Technology	Reliability and Availability	Availability	Local Use Terminal (LUT) availability (successful passes as % of total hours), Quarterly	98%	98%	
2008	3.2 Enhance the conservation and management of coastal and marine resources to meet America's economic, social, and environmental needs.	Technology	Reliability and Availability	Availability	Mission Control Center (MCC) availability (hours MCC uptime as % of total hours), Quarterly	98%	98%	
2009	3.2 Enhance the conservation and management of coastal and marine resources to meet America's economic, social, and environmental needs.	Customer Results	Timeliness and Responsiveness	Delivery Time	Transmission of alert to Regional Control Center (RCC) within one hours as % of total transmissions, Quarterly	92%	Improve RCC Transmission rate to 93% for FY2010	
2009	3.2 Enhance the conservation and management of coastal and marine resources to meet America's economic, social, and environmental needs.	Mission and Business Results	Disaster Management	Disaster Monitoring and Prediction	Doppler Solutions within 5 KM as % of total Doppler Solutions, Quarterly	92%	Improve Baseline Doppler Solution Rate to 93% for FY2010.	
2009	3.2 Enhance the conservation and management of coastal and marine resources to meet America's economic, social, and environmental needs.	Processes and Activities	Quality	Complaints	False Alert Rates (#of US Coded false alerts as % of estimates total US population), Quarterly	2.5%	Improve False Alert Rate to 2.25% for FY2010.	
2009	3.2 Enhance the conservation and	Technology	Reliability and Availability	Availability	Local Use Terminal (LUT)	98%	98%	

Performance Information Table								
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	management of coastal and marine resources to meet America's economic, social, and environmental needs.				availability (successful passes as % of total hours), Quarterly			
2009	3.2 Enhance the conservation and management of coastal and marine resources to meet America's economic, social, and environmental needs.	Technology	Reliability and Availability	Availability	Mission Control Center (MCC) availability (hours MCC uptime as % of total hours), Quarterly	98%	98%	

**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).

For existing Mixed-Life Cycle investments where enhancement, development, and/or modernization is planned, include the investment in both the "Systems in Planning" table (Table 3) and the "Operational Systems" table (Table 4). Systems which are already operational, but have enhancement, development, and/or modernization activity, should be included in both Table 3 and Table 4. Table 3 should reflect the planned date for the system changes to be complete and operational, and the planned date for the associated C&A update. Table 4 should reflect the current status of the requirements listed. In this context, information contained within Table 3 should characterize what updates to testing and documentation will occur before implementing the enhancements; and Table 4 should characterize the current state of the materials associated with the existing system.

All systems listed in the two security tables should be identified in the privacy table. The list of systems in the "Name of System" column of the privacy table (Table 8) should match the systems listed in columns titled "Name of System" in the security tables (Tables 3 and 4). For the Privacy table, it is possible that there may not be a one-to-one ratio between the list of systems and the related privacy documents. For example, one PIA could cover multiple systems. If this is the case, a working link to the PIA may be listed in column (d) of the privacy table more than once (for each system covered by the PIA).

The questions asking whether there is a PIA which covers the system and whether a SORN is required for the system are discrete from the narrative fields. The narrative column provides an opportunity for free text explanation why a working link is not provided. For example, a SORN may be required for the system, but the system is not yet operational. In this circumstance, answer "yes" for column (e) and in the narrative in column (f), explain that because the system is not operational the SORN is not yet required to be published.

Please respond to the questions below and verify the system owner took the following actions:

1. Have the IT security costs for the system(s) been identified and integrated into the overall costs of the investment: Yes
  - a. If "yes," provide the "Percentage IT Security" for the budget year: 8
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
5. Have any weaknesses, not yet remediated, related to any of the systems part of or supporting this investment been identified by the agency or IG? Yes
  - a. If "yes," have those weaknesses been incorporated into the agency's plan of action and milestone process? Yes
6. Indicate whether an increase in IT security funding is requested to remediate IT security weaknesses? No

8. Planning & Operational Systems - Privacy Table:					
(a) Name of System	(b) Is this a new system? (Y/N)	(c) Is there at least one Privacy Impact Assessment (PIA) which covers this system? (Y/N)	(d) Internet Link or Explanation	(e) Is a System of Records Notice (SORN) required for this system? (Y/N)	(f) Internet Link or Explanation

8. Planning & Operational Systems - Privacy Table:					
(a) Name of System	(b) Is this a new system? (Y/N)	(c) Is there at least one Privacy Impact Assessment (PIA) which covers this system? (Y/N)	(d) Internet Link or Explanation	(e) Is a System of Records Notice (SORN) required for this system? (Y/N)	(f) Internet Link or Explanation
NOAA -SARSAT	No	Yes	<a href="http://www.cio.noaa.gov/itmanagement/PIA_SARSAT_010407.pdf">http://www.cio.noaa.gov/itmanagement/PIA_SARSAT_010407.pdf</a>	Yes	SORN is under review by the Department of Commerce.

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

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

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

1. Is this investment included in your agency's target enterprise architecture? Yes
  - a. If "no," please explain why?
  
2. Is this investment included in the agency's EA Transition Strategy? Yes
  - a. If "yes," provide the investment name as identified in the Transition Strategy provided in the agency's most recent annual EA Assessment. Commerce and Transportation Sequencing Plan
  - b. If "no," please explain why?
  
3. Is this investment identified in a completed (contains a target architecture) and approved segment architecture? No
  - a. If "yes," provide the name of the segment architecture as provided in the agency's most recent annual EA Assessment. N/A

4. Service Component Reference Model (SRM) Table:								
Identify the service components funded by this major IT investment (e.g., knowledge management, content management, customer relationship management, etc.). Provide this information in the format of the following table. For detailed guidance regarding components, please refer to <a href="http://www.egov.gov">http://www.egov.gov</a> .								
Agency Component Name	Agency Component Description	FEA SRM Service Domain	FEA SRM Service Type	FEA SRM Component (a)	Service Component Reused Name (b)	Service Component Reused UPI (b)	Internal or External Reuse? (c)	BY Funding Percentage (d)
CT-EMR Respond to Emergencies	The ability to respond to spills and to relay distress alerts.	Back Office Services	Data Management	Data Exchange			No Reuse	70
CT-EMR Respond to Emergencies	The ability to respond to spills and to relay distress alerts.	Customer Services	Customer Initiated Assistance	Reservations / Registration			No Reuse	10
CT-EMR Respond to Emergencies	The ability to respond to spills and to relay distress alerts.	Support Services	Security Management	Identification and Authentication			No Reuse	1

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

external, provide the percentage of the BY requested funding amount transferred to another agency to pay for the service. The percentages in the column can, but are not required to, add up to 100%.

<b>5. Technical Reference Model (TRM) Table:</b>				
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.				
<b>FEA SRM Component (a)</b>	<b>FEA TRM Service Area</b>	<b>FEA TRM Service Category</b>	<b>FEA TRM Service Standard</b>	
Identification and Authentication	Component Framework	Security	Supporting Security Services	
Reservations / Registration	Service Platform and Infrastructure	Delivery Servers	Web Servers	
Data Exchange	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	

a. Service Components identified in the previous question should be entered in this column. Please enter multiple rows for FEA SRM Components supported by multiple TRM Service Specifications

b. In the Service Specification field, agencies should provide information on the specified technical standard or vendor product mapped to the FEA TRM Service Standard, including model or version numbers, as appropriate.

6. Will the application leverage existing components and/or applications across the Government (i.e., FirstGov, Pay.Gov, etc)? No

a. If "yes," please describe.

<b>Exhibit 300: Part II: Planning, Acquisition and Performance Information</b>
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**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.

1. Does the investment have a Risk Management Plan? Yes
  - a. If "yes," what is the date of the plan? 7/1/2005
  - b. Has the Risk Management Plan been significantly changed since last year's submission to OMB? No
  - c. If "yes," describe any significant changes:
  
2. If there currently is no plan, will a plan be developed?
  - a. If "yes," what is the planned completion date?
  - b. If "no," what is the strategy for managing the risks?

3. Briefly describe how investment risks are reflected in the life cycle cost estimate and investment schedule:

The SARSAT program applies a continuous risk management approach to identify, analyze and mitigate risks associated with operating and managing the program. The SARSAT risk management process includes quantification of both risk event likelihood and cost/performance/schedule impact. Due to the public-sector nature of the SARSAT program, transferring or avoiding the identified risks is quite difficult. The activities supported by SARSAT are implicit to its mission, and there currently exists no commercial or governmental alternative which could fill the vital role that SARSAT plays in coordinating search and rescue, nationally or internationally. Therefore, risks identified are either accepted or mitigated, and these risk strategies are incorporated into the program plan and budget at the strategic planning level.

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

EVM is required only on DME portions of investments. For mixed lifecycle 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.

1. Does the earned value management system meet the criteria in ANSI/EIA Standard-748? No
2. Is the CV% or SV% greater than +/- 10%? (CV%= CV/EV x 100; SV%= SV/PV x 100) Yes
  - a. If "yes," was it the CV or SV or both?
  - b. If "yes," explain the causes of the variance:  
DME activity and funding is scheduled to begin in FY 2008.
  - c. If "yes," describe the corrective actions:
  
3. Has the investment re-baselined during the past fiscal year? Yes
  - a. If "yes," when was it approved by the agency head? 7/16/2007

4. 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 \$ Millions). 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.

Milestone Number	Description of Milestone	Initial Baseline		Current Baseline				Current Baseline Variance		Percent Complete
		Planned Completion Date (mm/dd/yyyy)	Total Cost (\$M) Estimated	Completion Date (mm/dd/yyyy)		Total Cost (\$M)		Schedule (# days)	Cost (\$M)	
				Planned	Actual	Planned	Actual			
1	Electronic Registration Database Implementation	3/1/2003	\$0.55	3/1/2003	3/1/2003	\$0.55	\$0.55	0	\$0	100%
2	3rd Gen LUT Life-Cycle Replacement	12/31/2004	\$3.87	12/31/2004	12/31/2004	\$3.87	\$3.87	0	\$0	100%
3	FY05 and Prior O&M	9/30/2005	\$11.519	9/30/2005	9/30/2005	\$11.519	\$11.519	0	\$0	100%
4	FY06 SARSAT O&M	9/30/2006	\$2.253	9/30/2006	9/30/2006	\$2.253	\$2.253	0	\$0	100%
5	FY07 SARSAT O&M	9/30/2007	\$2.741	9/30/2007	9/30/2007	\$2.741	\$2.741	0	\$0	100%
6	FY08 SARSAT	9/30/2008	\$2.813	9/30/2008		\$2.813				0%
7	FY09 SARSAT	9/30/2009	\$3.605	9/30/2009		\$3.605				0%