

# CA - PMM

**Project Name:** Site Summary/Sensitive Resources (SISRS) Database  
**OCIO Project #:** \_\_\_\_\_  
**Department:** CA Department of Fish and Game  
**Revision Date:** 10/1/2010

## Concept Statement

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### Description

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**Brief description of the proposed project:**

To completely redesign the existing SISRS database application. The application was reviewed and audited by DFR-OSPR-ITSU staff and they recommended that a complete overhaul of the application to create a centralized application that is implemented following IT protocol and standards. By doing this OSPR will eliminate problems with various software versions in remote offices and will realize faster quality control, quality assurance, coordination, and compilation of data. In addition, internet accessibility will improve ease of use and input of data.

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### Need Statement

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**High Level Functional Requirements:**

The objective of this project is to completely redesign the existing SISRS database application. The application was reviewed and audited by DFG-OSPR-ITSU staff and they recommended that a complete overhaul of the application be implemented following IT protocols and standards. The application should have the following properties: Standardized naming conventions, Centralized database, Internet accessible, Multi-user compatible, Security (to prevent unauthorized customization of application), In addition, the application should have the following features: Technical support, Standardized output (compatible with ACP and ICS forms) Auto backup, Ability to function locally where internet is not available, Documentation and Data Dictionary, End user manual

**What is Driving This Need?**

Regulatory requirements: The statutes (Federal OPA 90 and California SB 2040) enacted in consequence of the catastrophic oil spills of 1989, required contingency planning for both State and Federal Governments. The USCG and California Department of Fish and Game - OSPR agreed to joint preparation of ACPs through co-chairing the three Port Area Committees for Contingency Planning: USCG Port Areas for San Francisco, Los Angeles / Long Beach, and San Diego.

**Risk to the Organization if This Work is Not Done:**

Inaction will result in the delay the production of the ACPs. Our organization and staff will jeopardize the efforts established as a result of our stakeholder outreach activities. Funding has been identified and dedicated for this effort; there can be not guarantee of dedicated funding in the future.

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### Benefit Statement

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#### Intangible Benefits

**Process Improvements** (describe the nature of the process improvement):

Proposed application will have tools that will streamline production of ACP pages.

A centralized database application will eliminate various software versions in the remote offices and coordination.

**Other Intangible Benefits:**

Employee morale – For some time now, ES staff has been struggling with this application because of patchwork of updates needed to maintain the application. Despite working diligently, deadlines needed to be extended because of technical glitches in the application.

Ease of use and maintenance of the data.

#### Tangible Benefits

**Revenue Generation** (describe how revenue will be generated):

None.

**Cost Savings** (describe how cost will be reduced):

Cost savings could exceed thousands of dollars in staff time located in seven offices as a result in minimizing developments of application patches, loss of data, and formatting of outputs.

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**Cost Avoidance** (describe the cost and how avoided):  
 By reworking the database now, OSPR saves funds in the future because redevelopment, contracts for repairs and updates, and other necessities will be already handled. It can save contractor time and money, and as well as staff time in having to wait to get changes made.

**Risk Avoidance** (describe the risk and how avoided):  
 Application will be developed by a concept already reviewed and approved for technical merit by the DMAG. The application will be developed by an IT professional and in collaboration with the end users. The application will be maintained by the IT staff and centralized in Sacramento to eliminate data loss.

**Improved Services:**  
 The data results in a product incorporated into the ACP. The ACP is a joint federal/state document that is utilized by stakeholders and cooperating organizations. The public has access to the ACP which promotes transparency in government and is particularly useful during actual spill response situations.

### Consistency

"No" Responses 	Rationale	Action Required
Enterprise Architecture		
Business Plan		
Strategic Plan		

### Impact to Other Agencies

#### Nature of Impact to Other Agencies

**Agency:** US Coast Guard  
*Describe the nature of the impact:*  
 Improves the efficiency and accuracy of the information that is required by the ACP.

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<b>Agency:</b>
<i>Describe the nature of the impact:</i>

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### Solution Alternatives

#### Alternative 1:

Continue with status quo. Currently no additional funds or time will be allocated to existing application unless completely redesigned as recommend by IT Staff.

#### Technical Considerations for Alternative 1:

This has already proven to be problematic and unworkable.

ROM Cost: \_\_\_\_\_ to \_\_\_\_\_

Note: high end of range must not exceed 200% of low end of range

#### Alternative 2:

#### Technical Considerations for Alternative 2:

ROM Cost: \_\_\_\_\_ to \_\_\_\_\_

Note: high end of range must not exceed 200% of low end of range

#### Alternative 3:

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Technical Considerations for Alternative 3:	
ROM Cost: _____ to _____	Note: high end of range must not exceed 200% of low end of range

### Recommendation

**Comparison:**

Alternative 1	ROM Cost	Risk
Continue with status quo. Currently no	-	
Alternative 2	ROM Cost	Risk
	-	
Alternative 3	ROM Cost	Risk
	-	

**Conclusions:**

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3	
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**Recommendation:**

### Project Approach *(if known)*

<b>System Complexity:</b>		System Business Hours: <i>(e.g., 24x7, 9am-5pm)</i> :		
Architecture	<input type="checkbox"/> Mainframe <input type="checkbox"/> Client Server <input checked="" type="checkbox"/> Web Based			Num. of New Databases:
Technology	<input type="checkbox"/> New <input type="checkbox"/> New to Staff <input checked="" type="checkbox"/> In-House Experience			Interfaces:
Implementation	<input type="checkbox"/> Central Site <input type="checkbox"/> Phased Roll-out			Num. of Sites:
M & O Support	<input type="checkbox"/> Contractor <input type="checkbox"/> Data Center <input type="checkbox"/> Project <input checked="" type="checkbox"/> In House			
Procurement Approach:				Number of Procurements:
Open Procurement?	No	Delegated Procurement?	No	
Scope of Contract	<input type="checkbox"/> Development <input type="checkbox"/> Implementation <input type="checkbox"/> M & O <input type="checkbox"/> Other:			
Anticipated Length of Contract:		Years /	extensions for	years