LOA Management Tool Development

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LONG-TERM GOALS

Enable SYSCOM community to efficiently and effectively manage incidental take permits under the Marine Mammal Protection Act Letters of Authorization (LOA).

OBJECTIVES

Development of a software-based tool that allows SYSCOMs to manage hours and/or counts of impulsive and non-impulsive sources permitted under the LOAs associated with Phase II environmental planning documents. ONR funding is only part of the overall funding for development of the LOA Management Tool. NAVSEA, NAVAIR and SPAWAR have also contributed funding for the development of this management tool.

APPROACH

Peter Hulton is the Marine Species Modeling Team (MSMT) Team Lead responsible for the development of the LOA Management Tool.

The MSMT will develop a web based solution with an SQL server back end. The web solution enables a centralized management strategy where all LOA users will submit their useage data. The SQL database server enables transaction integrety. Submittals will have an immediate affect on the LOA reports. A workflow will be built into the application that allows proposed events to be approved by a designated authority.

WORK COMPLETED

To date, a fundamentally usable tool has been developed. The tool will be available to the SYSCOM/ONR community in early FY14 for testing and critique. LOA Management tool completion date scheduled for December 2013.

RESULTS

The web application BETA release was successfully completed in FY 13. Technically, the use of Microsoft advanced web and database technology (specifically "dotnet") enabled the application to be fielded rapidly with short, agile style, development sprints that enabled stakeholders to provide feedback during the development process.

The ability to trade allocation remains to be done. Additionally, report functionality needed by stakeholders will likely need to be developed, based on their usage of the tool.

IMPACT/APPLICATIONS

The application contains much information about Navy training and testing scenarios. Much work was done to support the LOA tools that could be applied across the commands. For example, activity nomenclature standardization, acoustical and impulsive naming and classification and actual system usage verses estimates.

TRANSITIONS

Not applicable

RELATED PROJECTS

None

REFERENCES

None

PUBLICATIONS

None

PATENTS

None

HONORS/AWARDS/PRIZES

None