



2013 Project Performance Report for PSMFC Data Management

F13AC00032
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Hatchery Database Status of Deliverables for 2013

Milestone	Projected Completion Date	Status
Test Holding Module	Oct 2012	Not Completed; Holding Module development began in Aug 2013. Beta Version is in 2014 Plan.
Training Document created & stored within Software Application	Jan 2013	Content being created. Priority of this has decreased because of staff shortage. New hiring in next budget year will assist in getting this completed in 2015
Complete Dictionary of Common Terms	April 2013	Complete for Trapping, Ongoing for additional Modules
Installation & registration of URL	April 2013	Complete; Added a new website to 2014 plan developed & maintained directly by FINS team
On-line training	May 2013	Complete w/GoToMeetings; Not in 2014 Plan to be available on Website
Query Tool – Server Data	June 2013	Complete
Implement Auto Synchronization	June 2013	Complete
Query Tool – Local Data	July 2013	Complete
Test Trapping Module	Aug 2013	Ongoing
Deployment Schedule Installation	Sept 2013	Complete

Hatchery Database Staff Additions in 2013

Employee	Date	Status
Shannon Wickert, Support/Training Specialist	March 2013	Hired-Current Staff Member
Lucas Obendorf, Software Developer	March 2013	Hired-Current Staff Member
George Nandor, Project Supervisor	Sept 2013	Assigned to Project

Hatchery Database Staff Role Changes in 2013

Employee	Date	Status
John Shaver, Database Administrator	Feb 2013	New Role - Database Administrator
Tara (Snow) Garrison, QA/Scrum Master	Sept 2013	Additional Role – Product Owner

2013 Summary of Accomplishments

In 2013 many accomplishments, with the goal for setting the path to be able to implement Spawning in 2014, were achieved. Such as building a FINS specific website in order to communicate to existing and future FINS installers, Hatcheries, Sponsors, Potential Integrators and Agencies the overall project scope and components of the FINS software program in an online format that is informative and accessible to public, non-authenticated users of the site. The majority of the 2013 year was spent researching, building and implementing the Microsoft Sync Framework to allow FINS the ability to automatically collect real-time data from users while eliminating the traditional manual upload of fish records. Setup of different environments of the FINS application, web services, and website enabled our team to have reliable safe development, testing, stage and production deployments to help ensure our level of quality in each. Additional test coverage and automation was gained by the Developers within the FINS software program to also help increase the application's code quality and efficiency. Creation of an Installer Package also allowed our FINS users to easily update their software versions upon new releases and revisions made to the program.

The Pilot Trapping Module release was a big part of 2013, in both preparations to meet the deadline as well as executing the Pilot installations. A close relationship was forged to perform all the necessary testing and confirm the data integrity of the trapping records entered as tests. The Pilot Release Procedure also set precedence for how to introduce new modules and features of FINS going forward in close communication and coordination with our FINS users. Following the conclusion of our Pilot Release for the Trapping Module, an accelerated release of the production version of the Trapping Module was requested by Pilot users and hatchery managers. A successful deployment with a fully functional Data Entry and Query Tool for 2013 Trapping Records authorized the use of FINS earlier than expected and began the formal replacement of HDMS for production data. We continued improving the Trapping Module user interface as well as tailoring the features to support what the users needed for Data Entry at the Trap throughout 2013, even after the production deployment, as enhancements and bug fixes.

Regular User Committee Meetings as well as many special focused Subcommittee Meetings were facilitated by us to collect information for writing Use Cases, identifying Actor Roles and forming standard terms, definitions and business rules needed to make FINS a useful tool for cooperators. 2013 also saw the concentration of efforts from our User Committee Members and multitude of different Subcommittee groups into what allowed us to form a Technical Advisory Committee (TAC) with approval from the Steering Committee Members.

The addition of our Support and Training Specialist Role on our Team established a productive process to begin the large task of gathering the Documentation needed to implement a comprehensive help system within FINS as well as online. Along with the outline of necessary Training, locations and different teaching methods to build a vast resource of User Level Training available to each role with FINS, both online and within the application itself.