

NATIONAL DREDGING QUALITY MANAGEMENT (DQM) PROGRAM

NATIONAL DREDGING MEETING

JUNE 25, 2014

WASHINGTON DC

VERN GWIN, PROGRAM DIRECTOR
NATIONAL DQM CENTER



DREDGING QUALITY MANAGEMENT



PRESENTATION OUTLINE

- PROGRAM STATUS /
ADVANCEMENTS
- FUTURE OBJECTIVES



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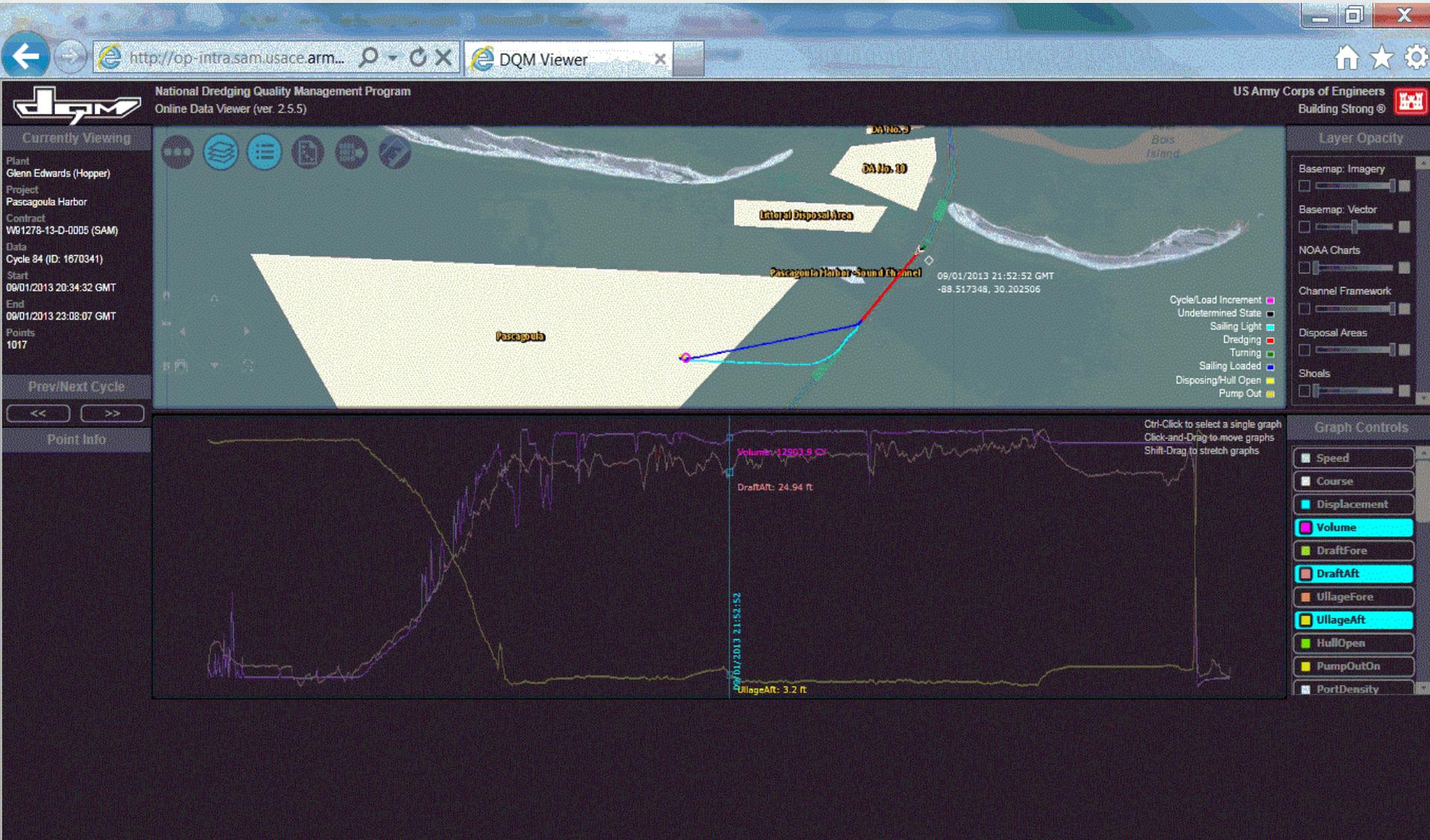
PROGRAM STATUS

SINCE 2012....

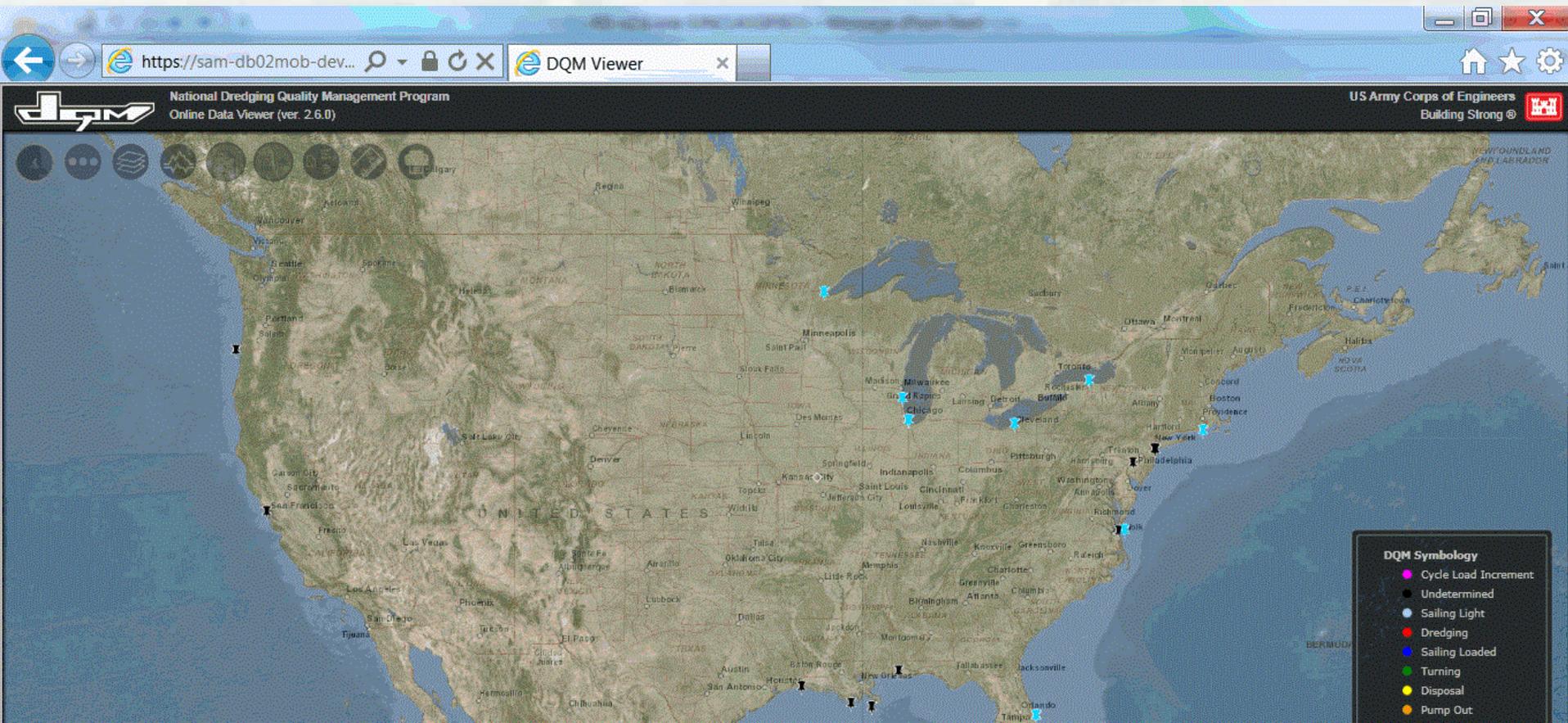
- **V2.5 WAS RELEASED**
- **NEAR REAL-TIME SCOW DATA**
- **V2.6 DEVELOPED, FINAL TESTING**
- **NEW SECURITY ACCESS**
- **PIPELINE IMPLEMENTATION**
- **ENDANGERED SPECIES WAREHOUSE**



V2.5 RELEASED 2012



NEW V2.6 DQM VIEWER



SECURITY REQUIREMENTS

- **AS2 REQUIREMENTS FOR DATA WEB SERVICES**
 - ▶ DATA TRANSMITTAL
 - ▶ USER ACCESS
- **SECURITY MATRIX ROLES AND ACCESS**
 - ▶ PASSWORD ACCESS



SCOW TRANSMISSION

- ▶ Near Real-time Data
- ▶ Eliminate Scow Daemon
- ▶ Set up production web service
- ▶ Verify System Providers can transmit
- ▶ Finalize spec language





About DQM

About DQM Home

Benefits

Authorization

Roles/Responsibilities

Contact Us/Support Center

Reference Links

[Support Center](#) >

Have a problem or question, contact our DQM Support Center

National Dredging Quality Management Program

The DQM Program is a Corps-Dredging Industry partnership for automated dredging monitoring of Corps dredging projects. Onboard sensors monitor dredge activities, operations and efficiency. Data is routed to the DQM Support Center for data retrieval and storage. Districts may utilize Corps-provided software to prepare summary reports, plots or spreadsheet compilations of dredge operations. In addition to assisting dredge inspectors for monitoring performance, the data can be used to improve business practice, ensure environmental compliance, provide dredging information and data to support the National Dredging Mission, and increase our understanding of dredging science and technology.



Training

Manuals, software guidance and training plans/schedules for data collection, analysis and more  [Go Now](#) >

DQM Viewer 2.0

Interactive Silverlight application for selecting dredging projects, graphing load data, etc.  [Go Now](#) >

Support Center

Do you have questions, concerns or comments or need help from the support center?  [Go Now](#) >



PIPELINE IMPLEMENTATION

- Head Quarters Implementation Guidance
April 2014
- USACE Dredging Plants in Summer 2014
- Proposed Fall 2014 Meeting with Industry



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Overview

- Currently in a 2 year, 3-Phased Development
- Phase 1 Release, FY14 (est.)
- T&E Species Data Collection and Decision Making Tool in support of Operations and Dredging, starting with sea turtles
- Design will incorporate latest web and database technologies
- Streamline T&E species data collection, processing, and reporting



Question/Comments?



NATIONAL DREDGING QUALITY MANAGEMENT
DQPM



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THE NATIONAL DREDGING QUALITY MANAGEMENT PROGRAM

The DQM Program is a partnership between the Corps and the dredging industry for automated monitoring of dredge activities.

Onboard sensors provide near-real-time data that allows for immediate response to emerging situations.

Districts can use the web-based DQM software to view, analyze, report on, and export dredging data.

The data can be used to improve business practice, ensure environmental compliance, and increase our understanding of dredging science and technology.

