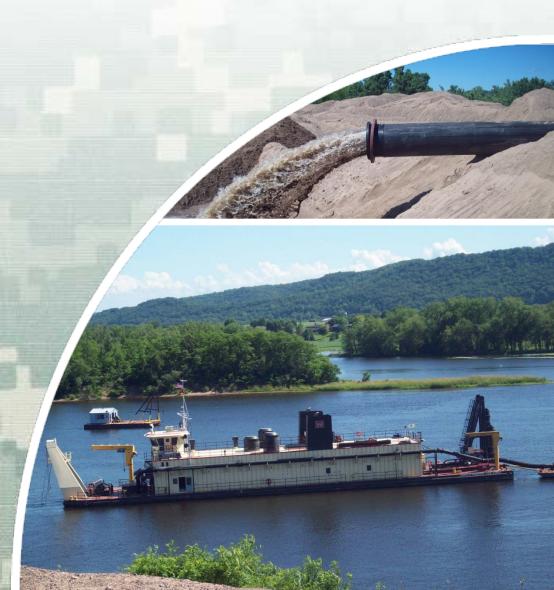
WEDA MIDWEST CHAPTER

NATIONAL DQM BRIEFING

MARCH 24, 2016

NATIONAL DQM CENTER





PRESENTATION OUTLINE

PROGRAM STATUS/ADVANCEMENTS

FUTURE OBJECTIVES







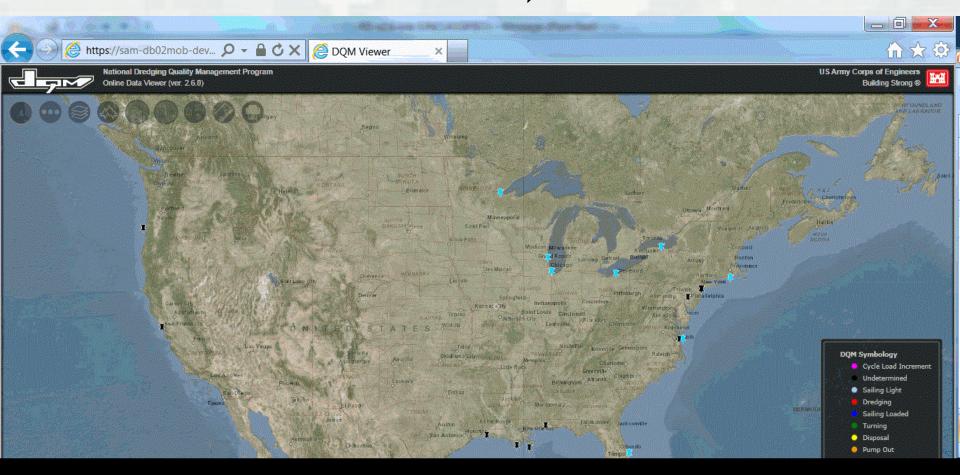
PROGRAM STATUS

SINCE LAST YEAR....

- V2.8 AND V2.9 WAS RELEASED
- New Security Access
- PIPELINE MONITORING
- AUTOMATED ULLAGE IMPLEMENTATION
- ODESS PROGRAM



NEW V2.9 DQM VIEWER



SECURITY REQUIREMENTS

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





PIPELINE IMPLEMENTATION

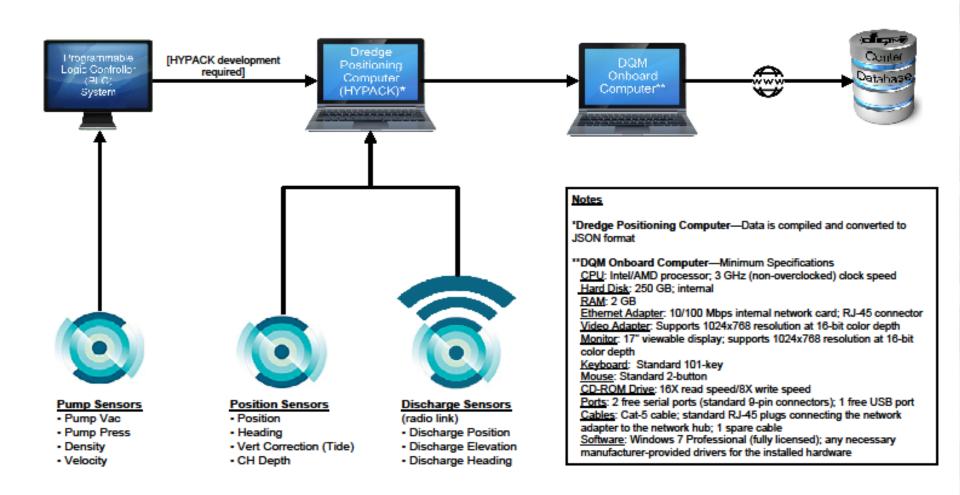
- HEAD QUARTERS IMPLEMENTATION
 GUIDANCE APRIL 2014
- USACE DREDGING PLANTS IN SUMMER 2014
- MEETING WITH INDUSTRY IN FEBRUARY 2015
 - Two Specs 1) Compliance 2) Production
 - PILOT PROJECT ON INDUSTRY DREDGE
 - COMMENTS



National Dredging Quality Management Program (DQM)

Pipeline Data Flow Sensor-Based Parameters

(per Compliance Specification)





DQM ON-BOARD SOFTWARE (DQMOBS)











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





DIF INTEGRATION

- DIS, RMS, DQM AND DM
- DATABASE INTEGRATION
- DQM QA VERIFICATION
- REPORTS GENERATION
- AUTOMATED POPULATION
- REDUCTION IN PROJECT SET-UP,
 PAPERLESS, CENTRALIZED SOURCE



NEW



PORTAL





Certifications/QA



Dashboard



Administration





Plots



1.00



Tools



Export



DQM Public Website



Payments



DQM Viewer

Training



Question/Comments?





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.

