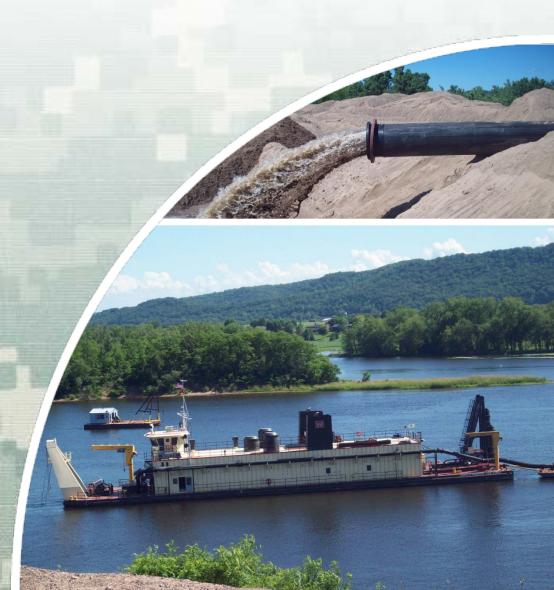
### WEDA MIDWEST CHAPTER

NATIONAL DQM BRIEFING

MARCH 24, 2016

NATIONAL DQM CENTER





# PRESENTATION OUTLINE

PROGRAM STATUS/ADVANCEMENTS

FUTURE OBJECTIVES







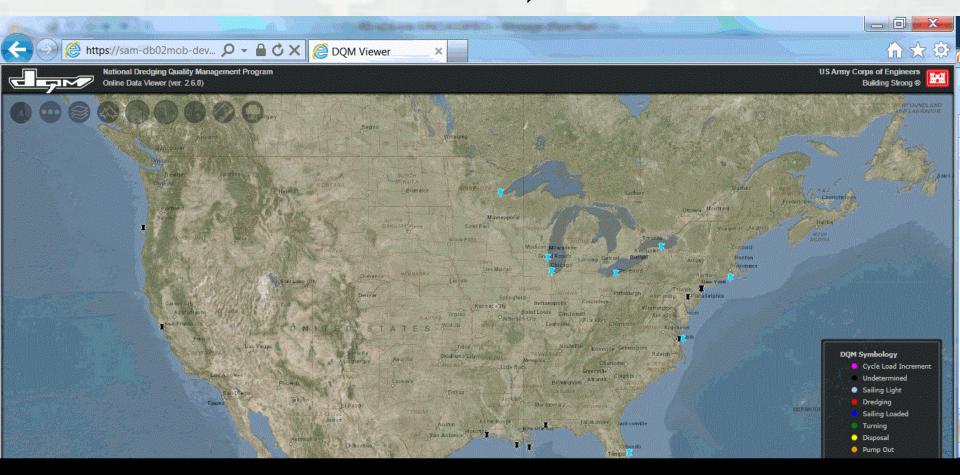
## **PROGRAM STATUS**

### 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

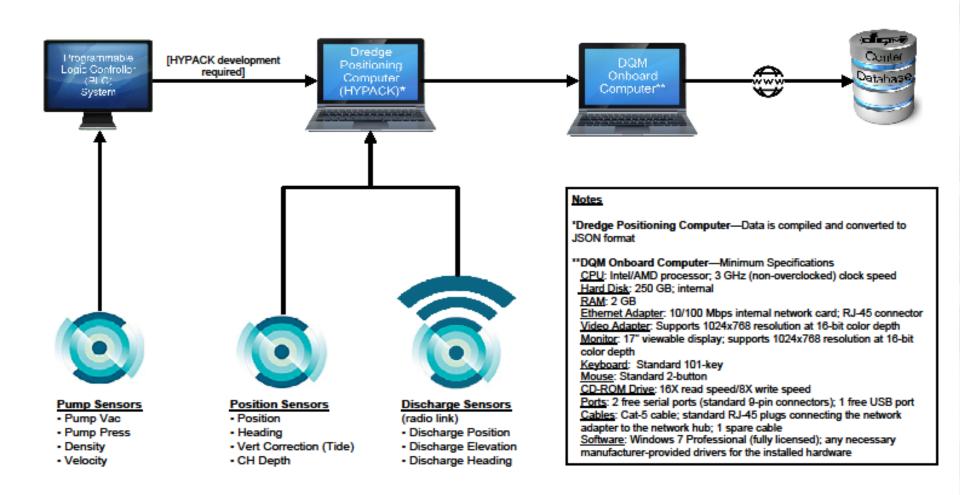
- HEAD QUARTERS IMPLEMENTATION
   GUIDANCE APRIL 2014
- USACE DREDGING PLANTS IN SUMMER 2014
- MEETING WITH INDUSTRY IN FEBRUARY 2015
  - Two Specs 1) Compliance 2) Production
  - PILOT PROJECT ON INDUSTRY DREDGE
  - COMMENTS



#### 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.

