

### Federal-Industry Logistics Standardization: Supporting a Federal Navigation Information Framework and Integration

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## **FILS Initiative Update**

- What have we done?
- Where are we now?
- Where are we going?



## **Scope of Initiative**

- Marine Navigation Points of Interest:
  - Piers
  - Wharves
  - Docks
  - Anchorages
  - Fleets
  - Bridges
  - Locks/Chambers
  - Links/Nodes
- Domestic and foreign with initial focus on domestic



Federal-Industry Logistics Standardization (FILS)

**US Army Corps of Engineers** 

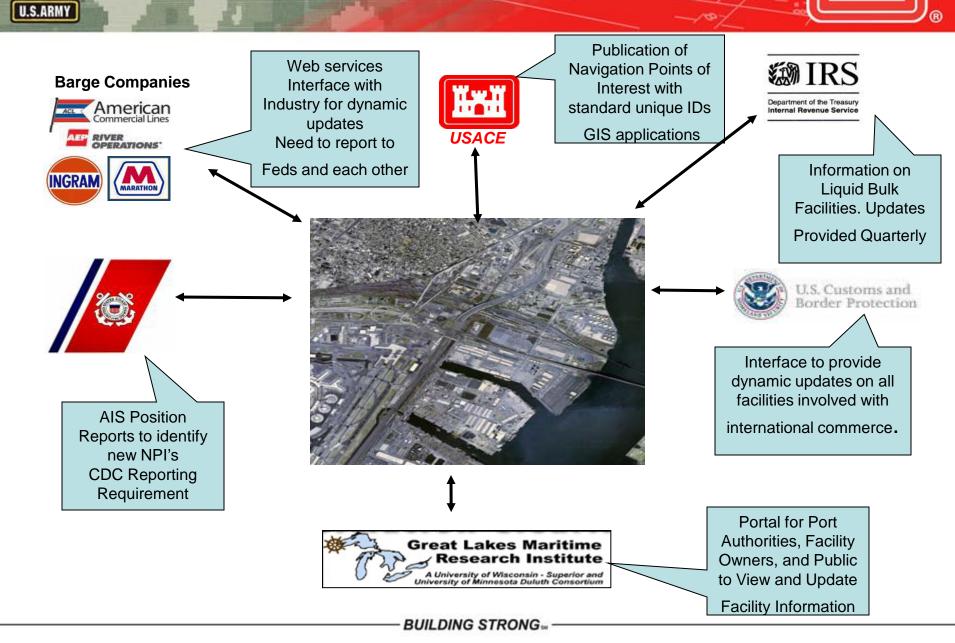
A joint collaboration between Industry & Governmental Agencies to adopt a uniform nomenclature for US Navigational Points of Interest in order to improve accuracy and efficiency when sharing common information.

- Standard Location Codes for Dock Facilities
- Standard River Names and Mile Points
- Standard Vessel Codes
- Standard **Commodity** Codes

### **Guiding principles**

- Accepted by Industry
- Accepted by Federal Agencies
- Usable in multiple transmission formats
- Adhere to international standards
- Establish Stewardship





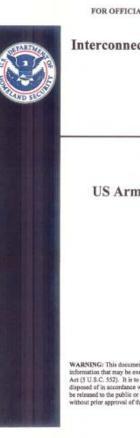


## Accomplishments

- Standard location code for industry and agencies
- Integration into IRS, CBP, USCG, and USACE systems
- Standard list of commodities and codes
- Common list of mile points for agencies and industry
- Standard river names for agencies and industry
- List of location codes for reporting locations available for industry to use
- Bridge information from Nav Charts integrated into LPMS, LOMA and Master Docks Plus



## **Transparency Through Partnership**



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Interconnection Security Agreement

Between

USCG NAIS and US Army Corps of Engineers

Version 1.3

03 May 2011

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MEMORANDUM OF UNDERSTANDING FOR THE EXCHANGE OF AUTOMATED COMMERCIAL ENVIRONMENT DATA BETWEEN U. S. CUSTOMS AND BORDER PROTECTION ON BEHALF OF THE DEPARTMENT OF HOMELAND SECURITY AND THE UNITED STATES ARMY CORPS OF ENGINEERS

#### 1. PARTIES

The parties to this Memorandum of Understanding (MOU) are U.S. Customs and Border Protection (CBP) and the U.S. Army Corps of Engineers (USACE)(collectively referred to as "the Parties").

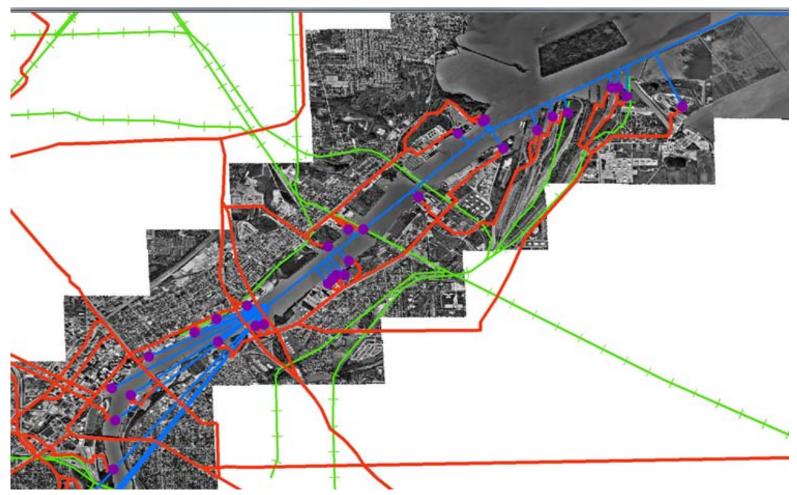
MEMORANDUM OF UNDERSTANDING BETWEEN THE U.S. DEPARTMENT OF COMMERCE U.S. CENSUS BUREAU AND THE U.S. ARMY CORPS OF ENGINEERS

The primary parties to this Memorandum of Understanding (MOU) are the U.S. Census Bureau (Census Bureau) and the U.S. Army Corps of Engineers (Corps).

The objective of this MOU is to develop and implement an agreement between the Census Bureau and the Corps wherein the Census Bureau provides the Corps with monthly (detailed record) export, import and other data files for waterborne records. The Corps will use these files to satisfy the mission of their agency. The Corps is responsible for the operation and maintenance of the nation's waterway system to ensure efficient and safe passage of commercial and recreational vessels. The Corps is also responsible for the support and management of economically sound navigation projects which depend on reliable navigation data.

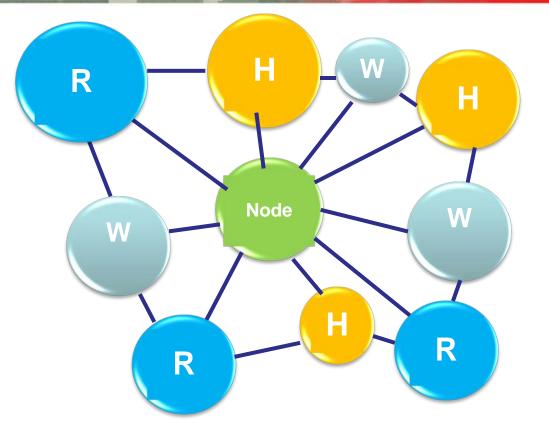


## **Expanding the Framework**



BUILDING STRONG





## Domains, Objects and Attributes

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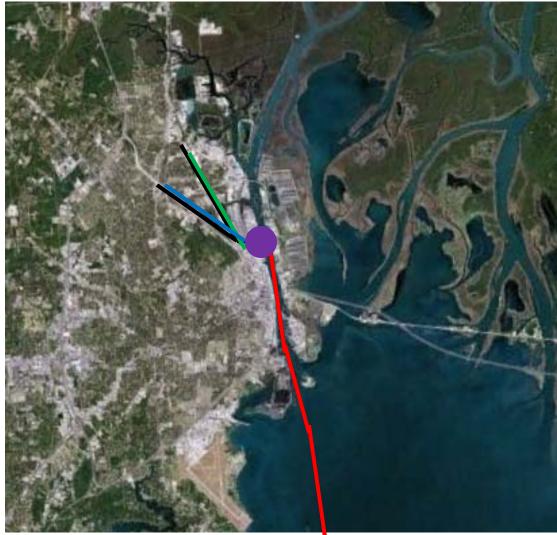
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Rail Mode	Object	Attribute	Attribute
Highway Mode	Attribute	Object	Attribute
Water Mode	Attribute	Attribute	Object



## Where are we going?

- Expanding Waterway Network to Integrated Component of a Multi-Modal Framework
- Integrate Reported and Recorded Data
- Flexible Inventory Data for Use in New Technologies/Initiatives: RIS, etc.
- Working Relationship with Federal Highways and Railways





One Network
Categorized by Modes
Connected by Nodes
Modes Retain Stewardship

### **Integrating Reporting and Recording**

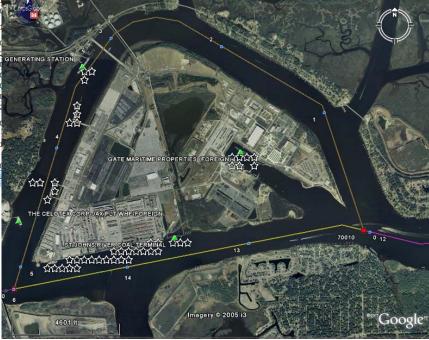
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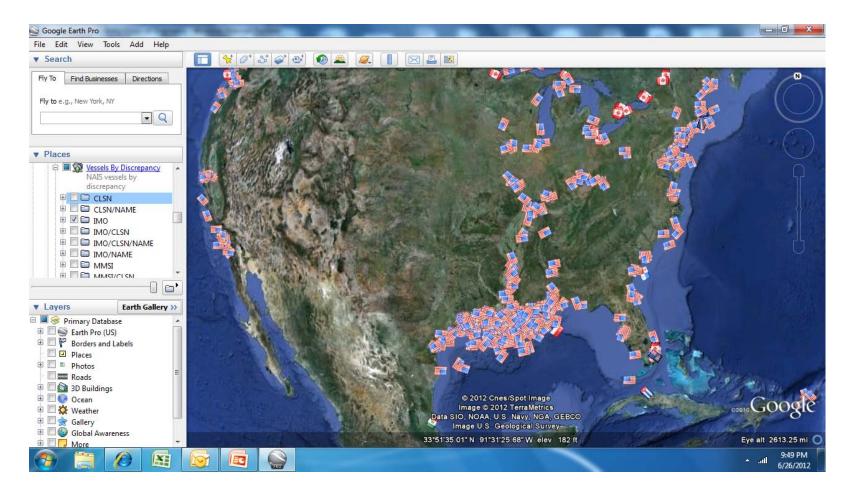
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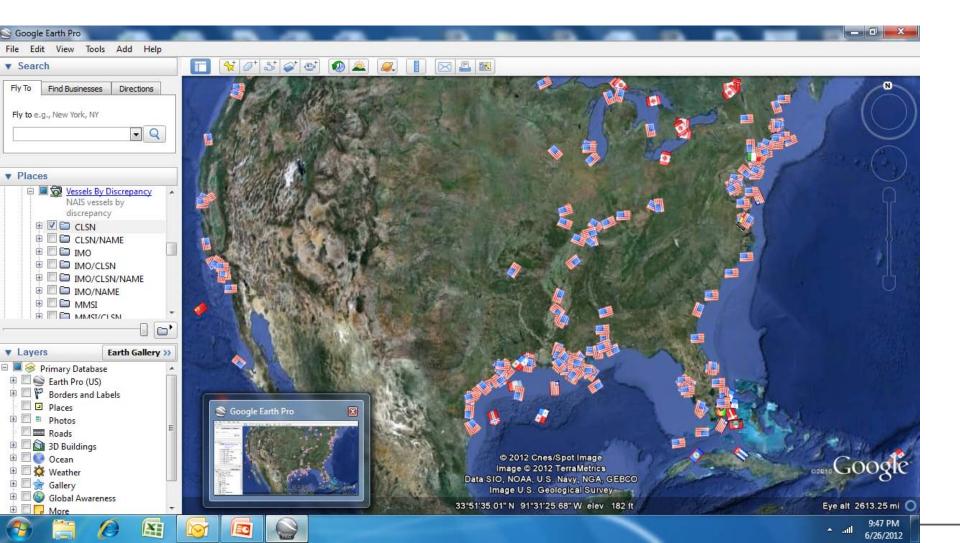
### **IMO Discrepancies**



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### **Call Sign Discrepancies**



# U.S.ARMY

US Army Corps of Engineers

### Improving the Data

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	Flag:	United States				
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- Navigation Data Integration
  - Leverage navigation information and services to create a federally integrated common picture
  - Leverage AIS information across the Federal Government
  - Information for project management, capital investment, forecasting, and modeling
  - Identify carriers of taxable product
- Vessel Identification, Cataloging, and Tracking
  - Harmonize and validate vessel information from a Federal perspective
  - Establish a common and central source for vessel information
  - Managed by the Coast Guard
  - Standard Vessel ID (Official Number)
- Navigation Points of Interest
  - Leverage the Corps' inventory of navigation points of interest
  - Increase intelligence for safety and inspection
- FILS Coordination
  - Ensure standard vessel, location, and commodity codes are uses in data integration
- RIS Coordination
  - Design data architecture to support transparency and support for RIS
- Spatial Integration
  - Leverage and harmonize the development of spatial information