W. Jeff Lillycrop
Technical Director

1) eHydro
2) Utility Crossings

NOAA Hydrographic Services Review Panel

13 September 2017

US Army Corps of Engineers
CIVIL WORKS VALUE TO THE NATION

• US Ports and Waterways convey >2B Tons of Commerce
• Foreign Trade alone creates >$160 B in Tax Revenues

- 3% of Nation’s Electricity: $800 M + in sales
- Stewardship of 11.7 M Acres Public Lands
- 12,000 miles of Commercial Inland Waterways
- ~11,750 miles of Levees
- 50% cost of Rail; 10% cost of Trucks
- 400 miles of Shoreline Protection
- 68,800 Regulatory Permit Actions
- 926 Harbors
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- Recreation Areas: 370 M visitors / yr
- Generate $18 B + 350 K jobs
- Environmental Restoration

- Emergency Responses
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eHydro – Application and Reporting
PLOVER: PIPELINE & UTILITY CROSSINGS

- Problems being addressed
  - Identifying pipeline crossings of navigation channels across multiple districts with non-standard spatial pipeline data
  - Correlating spatial pipeline data to active and historic permits
  - Providing single, authoritative spatial data source for pipelines

- Objective
  - Advance PLOVER from district to national scope
  - Create single, authoritative data source

- Value
  - Single, authoritative 3D pipeline dataset that is nationally correlated to permits
QUESTIONS?