Long Distance Pumping For Coastal Restoration

Bill Hanson
Great Lakes Dredge & Dock Co.
What Is He Doing Here?

- Different Venue/Crowd
- Let's Talk About Dredging
  - Competitive Market
  - Innovative
  - Entrepreneurial
GLDD

- Largest, Oldest
- Domestic
- International
- Large, Flexible Fleet
- Large Engineering Staff
Dredge Types

- Cutters
- Hoppers
- Mechanical
- Support Equipment
Projects

- Deepening
- Maintenance
- Coastal Protection
- Rivers & Lakes
- Pipeline
- Mining
Economic Recovery, Coastal Protection, and Environmental Restoration,

IT ALL STARTS WITH DREDGING®
Economic Recovery

Ports investing billions, waiting on millions
Coastal Protection

Millions on maintenance or Billions on repairs?
Environmental Restoration
IT ALL STARTS WITH DREDGING®
Louisiana Coastal Restoration

- Pass A’Loutre
- Pass Chaland
- Bayou Dupont
- BP Oil Berms
- Pelican Island
- Scofield
- Shell East
Bayou Dupont
HAPPY CUSTOMERS!
MORE HAPPY CUSTOMERS!
AND THE MOST IMPORTANT HAPPY CUSTOMER!
Challenges – Technical

• Industry Days
• Time to Market
• Continue Building New Fleet
• Adapt Methods
  – Water Depth
  – Pump Distance
  – Pipe Stockpiles
Challenges - Environmental

- Tolerances
- Priorities
- Doubts
- Science
- Goals
Challenges - Research

- Coastal Engineering
- Coastal Science
- U.S. Based
- Gulf Based
Beneficial Use

Old Concept – New Urgency

- Reclamations
- Coastal Protection
- Renourishment
- Marsh/Wetlands Creation
- Sand Bypassing
Challenges - Funding

• Federal
• Other Fed Agencies

• Cost Share
  • State?
  • Other Agencies?
  • Private?
Question: What does success look like?

Let’s not forget to celebrate, when we get there!

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