



WEDA Gulf Coast Chapter Annual Meeting

2015

President – Charles Johnson – DSC Dredge, LLC

Vice President – Jeffrey Corbino – USACE, New Orleans District

Treasurer – Troy Schulz – DSC Dredge, LLC

Secretary – Linda DeFoe – DSC Dredge, LLC

Co-Program Director – Michelle Daigle – USACE, New Orleans District

Co-Program Director – Ashley Wainright – USACE, New Orleans District

WEDA Gulf Coast Chapter would like to thank our Sponsors!

GOLD LEVEL



SILVER LEVEL



BRONZE LEVEL



WEDA Gulf Coast Chapter Meeting Agenda

Wednesday, November 18, 2015
Marriott AC Hotel New Orleans, AC Kitchen (1st Floor)

6:30 p.m. – 8:30 p.m. **Registration**

7:00 p.m. – 9:00 p.m. **Icebreaker** *Courtesy of the WEDA Gulf Coast Chapter Sponsors*

Thursday, November 19, 2015
Marriott AC Hotel New Orleans, Degas Room (3rd Floor)

7:30 a.m. – 8:30 a.m. **Continental Breakfast** *Courtesy of the WEDA Gulf Coast Chapter Sponsors*

8:00 a.m. – 12:00 p.m. **Registration**

8:30 a.m. – 8:40 a.m. **Call to Order / National Anthem** – Nelson Sanchez (Assistant Chief, Operations Division, Mobile District)

8:40 a.m. – 9:00 a.m. **Welcoming Remarks** - Mike Park (Chief, Operations Division, New Orleans District)
- Ram Mohan (WEDA National)

9:00 a.m. – 9:20 a.m. **What's the Difference between a High-Performance Team & Just a Group of Individuals?**
Bill Slaughter (SSA Consultants)

Corps Presentation of Fiscal Year 2016 Dredging Schedules:

9:25 a.m. – 9:35 a.m. Mississippi Valley Division

9:40 a.m. – 9:55 a.m. Mobile District

10:00 a.m. – 10:20 a.m. Galveston District

10:20 a.m. – 10:50 a.m. **Break**

10:50 a.m. – 11:10 a.m. **LA Coastal Area Program Milestones – Construction Projects in the Mississippi River Delta**
Darrel Broussard (New Orleans District)

11:15 a.m. – 11:35 a.m. **The Triple "T" of Construction – Tubes, Terns, and Turtles – Oh My!**
Construction of the Caminada Headland Beach and Dune Restoration (BA-45) Project
Steve Dartz (Coastal Engineering Consultants)

11:40 a.m. – 12:00 p.m. **P.O.R.T.S. - Improving Maritime Safety & Coastal Resource Management**
Tim Osborn (National Oceanic & Atmospheric Administration)

12:00 p.m. – 1:30 p.m. **Lunch at the Redfish Grill** *Courtesy of the WEDA Gulf Coast Chapter Sponsors*

1:30 p.m. – 2:00 p.m. **WEDA Gulf Coast Chapter Members Board Meeting** Charles Johnson (President, WEDA Gulf Coast Chapter)

2:05 p.m. – 2:35 p.m. **Corps Presentation of FY 2016 Dredging Schedules, Continued**
New Orleans District

2:40 p.m. – 3:00 p.m. **CPRA Active Restoration Projects & Near-Term Outlook**
Brad Miller (LA Coastal Protection & Restoration Authority)

3:00 p.m. – 3:20 p.m. **Break**

3:20 p.m. – 3:40 p.m. **Genesis Water – Rapid Dewatering Technology for Dredging Projects**
Lawrence "Larry" Almaleh (Black & Veatch)

3:45 p.m. – 4:05 p.m. **A New Approach to Maintaining the Atchafalaya Bar Channel**
Mac Wade (Port of Morgan City)

4:05 p.m. – 4:15 p.m. **Open Discussion**

4:15 p.m. – 4:30 p.m. **Door Prizes and Closing** Jeffrey Corbino (Vice President, WEDA Gulf Coast Chapter)



What's the Difference between a High-Performance Team & Just a Group of Individuals?

Presentation Overview:

While all teams are groups of individuals, not all groups are teams. Team members work together toward a common goal and share responsibility for the team's success. A group is comprised of two or more individuals that share common interests or characteristics, and its members identify with each other due to similar traits. Because it is sometimes difficult to draw a distinction between a team and a group, this presentation explores these differences and outlines the steps for professionals to build effective productive teams.

Author Bio:

As Founder and President of SSA Consultants, Dr. William "Bill" Slaughter has helped guide the transformation and strategic direction of both public and private sector clients over the past 44 years. He is a proven leader with deep expertise in developing strong client relationships, a passion for building outstanding client teams and a disciplined focus on operations and execution. Widely recognized as an innovative executive, Bill's institutional knowledge and exceptional leadership skills bring significant value to complex client engagements.

William "Bill" Slaughter, SSA Consultants, Inc., 9331 Bluebonnet Boulevard, Baton Rouge, LA 70810, Phone: (225) 769-2676,
bslaughter@consultssa.com



LA Coastal Area Program Milestones Construction Projects in the Mississippi River Delta

Presentation Overview:

This presentation focuses on completed and proposed projects in the Mississippi River Delta funded thru the Louisiana Coastal Area Beneficial Use of Dredged Material (LCA BUDMAT) program. LCA BUDMAT was authorized at \$100M for the beneficial use of dredged material removed during maintenance of Federal navigation channels in coastal Louisiana. The Program requires a non-federal cost share sponsor to share in the cost at 75%/25%. The first successful implementation of the program resulted in the construction of a 90-acre bird island in West Bay during 2015 maintenance of Southwest Pass, with a unique partnership with Plaquemines Parish. The program is intent on constructing a ridge feature north of Tiger Pass in 2016, partnering with Plaquemines Parish and the Coastal Protection and Restoration Authority of Louisiana. Lessons learned and aspects of the LCA BUDMAT process will be discussed.

Author Bio:

Darrel M. Broussard, PMP brings over 24 years of experience as a Senior Project Manager at the U.S. Army Corps of Engineers, New Orleans District and serves as a valuable team member on numerous initiatives, such as Louisiana Coastal Area (LCA) Program, the Southwest Coastal Feasibility Study, and the Calcasieu River and Pass Dredge Material Management Plan. Mr. Broussard holds a Master of Business Administration (MBA), Project Management from Tulane University - A.B. Freeman School of Business, as well as certification as a Project Management Professional by the Project Management Institute of Newtown Square, PA.

Darrel M. Broussard, PMP, USACE – New Orleans District, 7400 Leake Ave.,
New Orleans, LA 70118, Phone: (504) 862-2702,
Darrel.M.Broussard@usace.army.mil



The Triple “T” of Construction – Tubes, Terns, and Turtles – Oh My! Construction of the Caminada Headland Beach and Dune Restoration (BA-45) Project

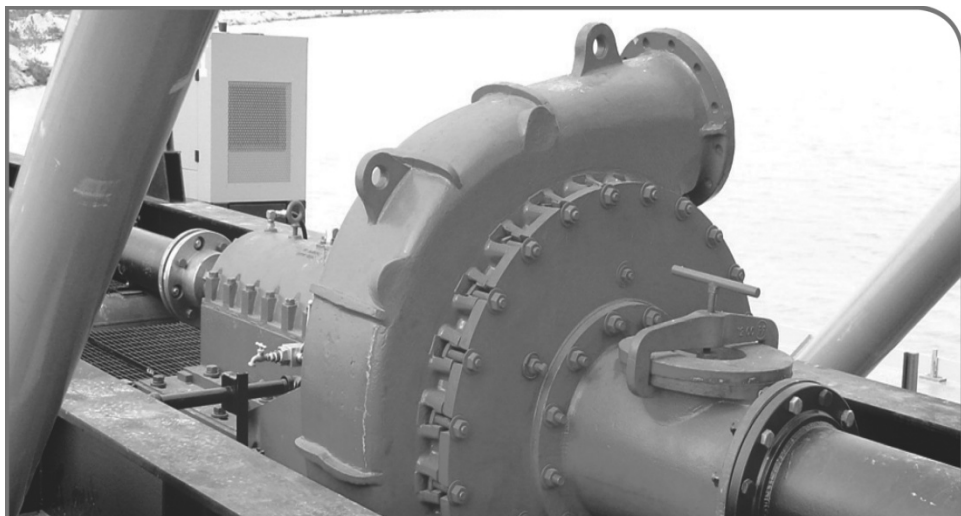
Presentation Overview:

The Caminada Headland Beach and Dune Restoration Project (Project) restored the beach and dune habitat from Belle Pass eastward for approximately 5.9 miles along the Caminada Headland; a Gulf of Mexico shoreline in Lafourche and Jefferson Parishes, Louisiana. Sand for the restoration was obtained from Ship Shoal approximately 31 miles southwest of the fill area. The Louisiana’s Coastal Protection and Restoration Authority (CPRA) is the owner of the Project, Coastal Engineering Consultants, Inc. (CEC) was the design engineer and construction administrator, and Weeks Marine, Inc. (WMI) was the construction contractor. Presentation will cover the construction aspects of the Project and obstacles overcome to reach its successful completion.

Author Bio:

Steve Dartez currently holds the position of Managing Engineer with Coastal Engineering Consultants, Inc. in Baton Rouge, LA. His engineering responsibilities include participation in coastal restoration planning, surveying, design, permitting, and construction administration. He has experience in barrier island restoration fill template design; borrow area delineation; dredge and fill quantity calculations; and construction cost estimating. He has over 23 years of experience working in coastal environments and brings this experience to the feasibility assessment, design, and construction of coastal projects.

Steve Dartez, Coastal Engineering Consultants, Inc., 5745 Essen Lane, Suite 200, Baton Rouge, LA 70810, Phone: (225) 768-1982, sdartez@ceci-la.com



YOUR BEST SOURCE

for reliable and durable wear parts

Pearce manufactures a complete line of centrifugal dredge pumps ranging in size from 4" discharge to 20" discharge. Pearce specializes in abrasion resistant, hard iron pumps for the aggregate mining and dredging industries. Pearce also manufactures after-market replacement parts for pumps originally made by companies* such as: Istrouma, Metso/Thomas, Pekor, GIW, Amsco, Ellicott, Marathon, Warman, Toyo and others. Pearce casts process equipment wear parts, crusher parts and water pumps and many customer specific castings.

* The trademarks appearing above are the intellectual property of their respective owners.



Pearce Group
FOUNDRY & MACHINE WORKS

16161 Airline Highway • P.O. Box 66 • Prairieville, LA 70769
(225) 673-6188 tel • (225) 673-8106 fax
info@pearceusa.com • www.pearceusa.com • (800) 264-1790



P.O.R.T.S. - Improving Maritime Safety & Coastal Resource Management

Presentation Overview:

The Physical Oceanographic Real-Time System, or PORTS® is a decision support tool that improves the safety and efficiency of maritime commerce and coastal resource management through the integration of real-time environmental observations, forecasts and other geospatial information. PORTS® measures and disseminates observations and predictions of water levels, currents, salinity, and meteorological parameters (e.g., winds, atmospheric pressure, air and water temperatures) that mariners need to navigate safely. The objectives of the PORTS® program are to promote navigation safety, improve the efficiency of U.S. ports and harbors, and ensure the protection of coastal marine resources.

Author Bio:

Tim Osborn is the Regional Navigation Manager in the Office of Coast Survey at NOAA in Lafayette, Louisiana. His responsibilities include coastal restoration projects, coastal hurricane response, and the surveying and mapping of Gulf Coast waters, navigation channels, ports, and waterways.

Tim graduated from Florida State University in 1982 with a B.S. in Marine Biology and a secondary degree in Science Education. He also earned both an M.S. in Marine Sciences and a Masters of Public Administration from LSU in 1985.

Tim Osborn, National Oceanic & Atmospheric Administration (NOAA), Lafayette, LA , 70506 Phone: (337) 291-2111, tim.osborn@noaa.gov



Coastal Protection and Restoration Authority (CPRA) Active Restoration Projects & Near-Term Outlook

Presentation Overview:

As Louisiana's Coastal Restoration Program is growing, project scope and size have been increasing accordingly. In the early years of restoration (the 1990's) a common dredging project was \$20-\$30 Million, 1-2 miles of beach restored, or 100-200 acres of marsh created. The past few years have seen some major benchmarks set in the State's coastal program including: the first time dredging from the Mississippi River and Ship Shoal, the first \$100 million plus contract, the first over 10 million cubic yard contract, pumping sediment 20+ miles through pipe and transporting 30+ miles with hoppers, barrier island jobs over 5 miles long and marsh creations in excess of 500 acres. This talk will provide a summary of current and upcoming CPRA dredging projects..

Author Bio:

Brad Miller is a project manager with the Coastal Protection and Restoration Authority. He has over 15 years of experience with the agency. He has a Bachelor of Science in Wildlife and Fisheries Resources from West Virginia University and Master of Science in Fisheries Management from Louisiana State University. He has been involved with the planning, engineering, and construction of a variety of projects including marsh creation, diversions, and barrier island restoration.

Brad Miller, Coastal Protection and Restoration Authority (CPRA), P.O. Box 44027, Baton Rouge, LA 70804-4027, Phone: (225) 342-4122, brad.miller@la.gov

TOWNLEY

Engineering & Manufacturing Co., Inc.

Over 50 Years of Proven Wear Solutions

Our state of the art facilities include a specialty white iron foundry with a single pour capacity of 40,000 pounds and a new 80,000 square foot custom rubber hose plant all made in the USA.

Dredging Solutions

- Slurry Pumps & Pump Parts
- Dredge Flex Hose & Floating Hose
- Heavy Duty Rubber Elbows
- Valves



Contact Us

800.342.9920

www.townley.net



Genesis Water – Rapid Dewatering Technology for Dredging Projects

Presentation Overview:

The presentation centers around the technologies from Genesis Water for real-time rapid dewatering of dredge slurry. The Genesis Water Rapid Dewatering System™ efficiently dewateres dredged slurries at high throughputs. The patented Genesis technology instantly releases large quantities of clear water from a wide range of solids, immediately returning it to the waterway or industrial circuit. The equipment is scalable to handle any volume of inflow, while still maintaining a compact and mobile footprint.

Author Bio:

Larry Almaleh is a Project Manager & Senior Geotechnical Engineer at Black & Veatch's headquarters located in Overland Park, Kansas and holds a Master's Degree in Civil Engineering from the Rensselaer Polytechnic Institute.

Larry has more than 38 years of experience of engineering, construction and program management. His experience includes planning, scheduling, quality control, client management and financial tracking, site evaluations, plant civil design, earthwork and dam design, foundation design, ground water system evaluations, liquid waste impoundments, municipal solid waste, hazardous waste and combustion waste management, shore and marine structures, electric distribution structures, dredge solids dewatering, and field construction.

Lawrence "Larry" Almaleh, Black & Veatch, 11401 Lamar Avenue, Overland Park, KS 66211, Phone: (913) 458-2000, almalehlj@BV.com



A New Approach to Maintaining the Atchafalaya Bar Channel

Presentation Overview:

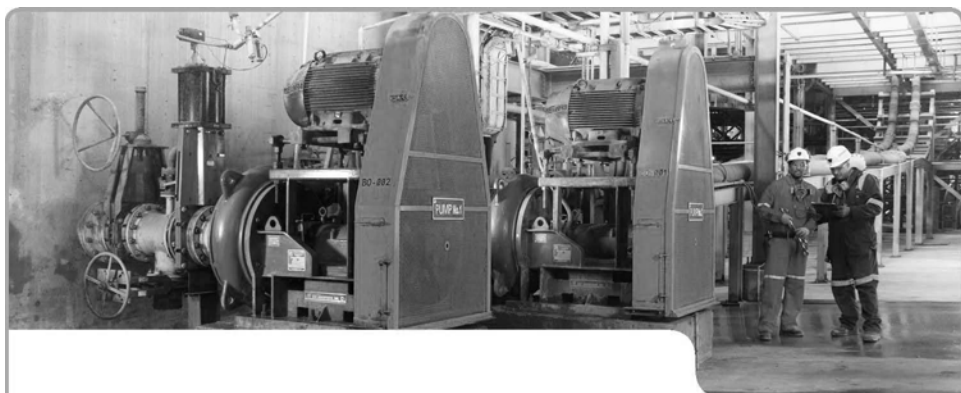
Persistent fluid mud or "fluff" in the Atchafalaya Bay has made it very difficult to maintain navigable depths in the Atchafalaya River bar channel. Fluid mud rapidly accumulates in the bar channel following a typical cutterhead dredge maintenance event. The fluff consolidates or "thickens" within 8 to 10 weeks to a density that interferes with the propulsion and steering mechanisms on certain types of vessels, restricting or preventing access to port facilities at Morgan City and Amelia. A new maintenance strategy is needed to combat this consolidation and keep the density of material within the bar channel template low enough for the safe passage of vessels. Unique dredging strategies and the significance of improved navigability on local economies will be discussed.

Author Bio:

Raymond M. "Mac" Wade, CPE has served as Executive Director of the Morgan City Harbor and Terminal District since 2013. A Morgan City, LA resident since 1975, Mac works with the commissioners and local stakeholders to improve the efficiency of the river system. He works closely with USACE, USCG, United States Customs and Border Protection, and local, parish, state and federal officials and others involved with waterway activities, as well as working to foster economic development opportunities for the District.

Mr. Wade has been a Certified Port Executive since 2013 and holds a Bachelor of Science Degree from the University of Southern Mississippi. For the past 38 years he has earned recognition, training and certifications in Project Management, Hazardous Waste Management, Communication Skills, Sales and Marketing.

Raymond M. "Mac" Wade, CPE, Morgan City Harbor and Terminal District, 800 Youngs Road, Morgan City, LA 70380, Phone: (985) 384-0850, Ext. 105, mac@portofmc.com



Lower Your Cost Base. GIW's Got you Covered.

Count on us to help you maximize your process efficiencies, optimize your existing products and increase your production capabilities. Our service engineers are available to address your specific needs through regular site visits and can provide on site training to help you run a successful operation. GIW REGEN Service Centers are at your side from installation through start-up; and when your equipment needs refurbishing we can provide those services too.

GIW Industries, Inc. (A KSB Company) - www.giwindustries.com

GIW® Minerals



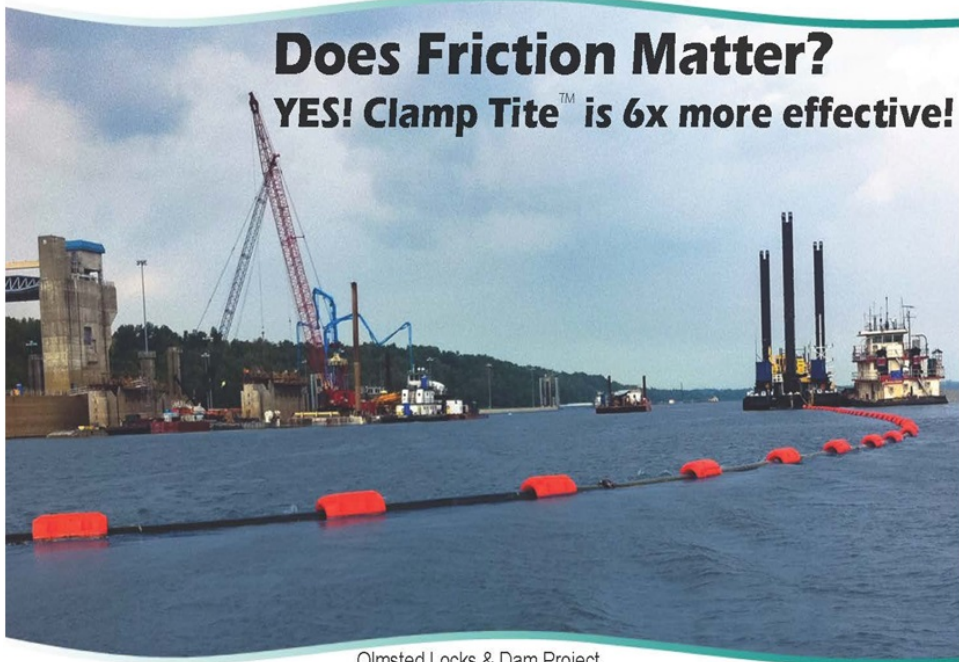
***The 2015 Officers of the WEDA
Gulf Coast Chapter wish you a
SAFE and HAPPY Holiday Season!***

NOTES

Neptune™ Floats

pipefloat.com

Does Friction Matter?
YES! Clamp Tite™ is 6x more effective!



Olmsted Locks & Dam Project

How it works...

Clamp Tite™ technology ensures that Neptune™ Floats will not slip on your pipeline.

Polyethelene Floats on HDPE pipe offers no friction. They will slip when force is applied. Our Clamp Tite™ composite inserts are measured to be up to **6 times more effective than traditional floats!**

Call us to learn more about Clamp Tite™ and the other great features Neptune™ has to offer!

Neptune™ Flotation

Tel: +1 317-588-3600

Toll Free: 1-855-PIPE FLOAT (747-3356)

Email: sales@pipefloat.com

Products Available



Pipe Floats

(6" to 34")



Cable & Hose Floats

(1" to 6")



Float Balls

(21" to 48")

www.pipefloat.com

Patents Pending



SPI / Mobile Pulley Works, Inc.

Your Source For Quality Since 1892



DREDGE & SLURRY PUMPS

BALL JOINTS

CUTTERS

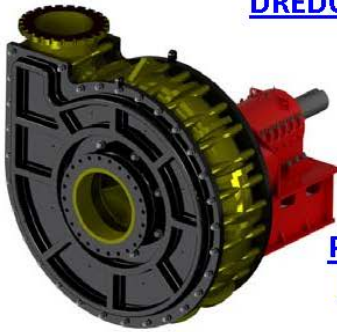
VALVES

SPUR GEARS

WINCHES

PART REBUILDS

ENGINEERING



FOUNDRY

- Custom Castings to 60,000 lbs
- White Iron & Steel
- On Site Pattern Shop

MACHINE SHOP

- Vertical & Horizontal Boring Mills, Drill Press, Surface Grinders, and Lathes
- 65,000 Sq. Feet with 50 Ton Crane Capacity
- In House Assembly Department

FABRICATION

- 40' CNC Burn Table, 1,200 Ton Press Break, 10' Plate Roll, 39,000 Total Sq. Feet
- Ladders, Spuds, Foundations, Pontoons, Cleanouts, Buckets, Mouthpieces, Etc.

FIELD SERVICES

- Fitting & Welding Including Dredge Pipe
- Installations & Alignment
- On-site Machining with Portable Equipment