



TEXAS A&M
UNIVERSITY

Dredging Summit & Expo 2015

Dredgers, the Environment and Commerce



Photo courtesy of AECOM

Conference Program

June 22 – 25, 2015

The Westin Galleria, Houston, Texas, USA



GREAT LAKES DREDGE
& DOCK COMPANY, LLC



BRENNAN
Marine Professionals Since 1919



PORT OF PORTLAND
Possibility. In every direction.



WESTERN DREDGING ASSOCIATION (WEDA)

The **Western Dredging Association (WEDA)** region covers North, Central, and South America; the **Central Dredging Association (CEDA)** covers most of Europe, Africa, the Mid and Near East; the **Eastern Dredging Association (EADA)** covers the Far East and Pacific region. These three organizations constitute the **World Organization of Dredging Associations (WODA)** with equal representation on the Board of Directors of WODA. The goals and objectives are common for each of the three organizations; however, operations to attain these are carried out independently.

WEDA Goals and Objectives

- To promote the exchange of knowledge in fields related to dredging, navigation, marine engineering, and construction by sponsoring or co-sponsoring national and international technical conferences, seminars, exhibitions, seminars, and symposiums, including publication and dissemination of the proceedings.
- To provide a forum for improvement of communications, technology transfer, and cooperation among associations, societies and all organizations interested in dredging, navigation, marine engineering, and construction.
- To emphasize the importance of understanding and development of solutions for problems related to the protection and enhancement of the marine environment.
- To encourage educational institutions to initiate programs and courses to prepare students for employment in the dredging, navigation, and marine engineering fields.
- To support educational institutions for students interested in pursuing dredging and marine engineering as a career.
- To promote membership in and furtherance of the Western Dredging Association through the establishment and support of chapters.
- To recognize individuals and organizations for outstanding engineering and operational achievements.

WEDA BOARD OF DIRECTORS

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DSC Dredge, LLC

*Non-voting Board Member

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Western Dredging Association

Robert Ramsdell, *Chair, Technical Paper Committee*

Great Lakes Dredge & Dock Company

Robert Randall, *Member, Technical Paper Committee (Editor, Conference Proceedings)*

Texas A&M University (TAMU)

Julie Rosati, *Member, Technical Paper Committee*

USACE, Coastal and Hydraulics Laboratory

Robert Wetta, *Member, Technical Paper Committee*

DSC Dredge, LLC

GENERAL INFORMATION

Registration/Information Desk *Galleria Foyer*

Monday, June 22, 2015	8:00 am – 5:00 pm
Tuesday, June 23, 2015	7:00 am – 5:00 pm
Wednesday, June 24, 2015	7:00 am – 5:00 pm
Thursday, June 25, 2015	7:00 am – 1:00 pm

Admission to Functions

Badges are to be worn by all registered delegates, exhibitors, guests, and spouses for entrance into *all* meetings, technical sessions, exhibit hall, and social functions. *Those not wearing a badge will be refused entrance.*

Meeting Attire

Business Casual clothing is appropriate for all daytime technical sessions and luncheons. Appropriate attire for the Icebreaker, Board of Directors Reception and Awards Gala is dressy casual.

Messages

You may check messages on the message board located near the Registration Desk. Any changes to the program will also be posted there.

Door Prizes

Four (4) door prizes will be awarded randomly throughout each day. To be eligible for the daily door prizes, you will have to fill out door prize tickets located at each exhibitor booth. There is no limit to how many times you may visit a booth and fill out a daily door prize ticket. To be eligible for the grand door prizes of “hotel accommodations at WODCON 2016 or the \$500 in Cash,” you will have to place your badge in a special collection box just prior to the Closing Ceremony. **You must be present to win.**

Ticketed Events

Your **badge** is your ticket to all events.

Best Paper Awards

Cash prizes will be presented during the closing ceremonies.

Ceremony	Cash Prize
DSC Dredge, LLC Best Paper Award on the topic “Why Dredging is Good?”	\$1000 USD
DCA/WEDA Best Paper Award	\$1000 USD
Anchor QEA Young Author Best Paper Award	\$500 USD

GENERAL INFORMATION

Tours/Partners/Social Program

Day	Time	Activity
Monday, June 22, 2015	9:00 am to 3:00 pm	Tour to NASA Houston (additional fee)
Monday, June 22, 2015	1:00 pm to 5:00 pm	WEDA Continuing Education Short Course: Managing the 5Rs of Environmental Dredging
Monday, June 22, 2015	7:00 pm to 9:00 pm	Hosted Reception/Ice Breaker
Tuesday, June 23, 2015	7:00 am to 8:00 am	Hosted Breakfast
Tuesday, June 23, 2015	6:00 pm to 7:30 pm	Young WEDA Icebreaker
Wednesday, June 24, 2015	7:00 am to 8:00 am	Hosted Breakfast
Wednesday, June 24, 2015	11:30 am to 1:00 pm	Hosted Lunch – Panama Canal Authority
Wednesday, June 24, 2015	2:45 pm to 3:15 pm	Ice Cream Social
Thursday June 25, 2015	1:00 pm to 5:00 pm	Technical Tour to the Port of Houston

Exhibitor Set Up and Tear Down

Exhibitors may commence setting up their booths at 12:00 noon on Monday, June 22 in Woodway Hall. Tear down will be allowed after the 10:00 am Refreshment Break on Thursday, June 25.

Sustaining Members

American Chemical Technology, Inc.	J.F. Brennan Company
Anchor QEA, LLC	J.T. Cleary, Inc.
ARC Surveying and Mapping Inc.	LS Marine Inc.
ARCADIS	Manson Construction Co.
Bean Companies	Moffatt & Nichol
Cable Arm	Natural Resource Technology Inc.
Cashman Dredging and Marine Contracting, LLC	Neptune Flotation
Clean Earth Inc.	Parsons Brinckerhoff
Coast & Harbor Engineering	Piedroba Consulting Group
Dalton, Olmsted & Fuglevand, Inc.	Port of Portland
DSC Dredge, LLC	Portable Barge Services, Inc.
Foth Infrastructure & Environment	Sevenson Environmental Services
GSI (Geo-Synthetics, LLC)	WaterTectonics
Great Lakes Dredge & Dock Co.	Weeks Marine, INC

Sponsors

Anchor QEA, LLC	Great Lakes Dredge & Dock Company
DSC Dredge, LLC	J. F. Brennan Company Inc.
BYG	Survey Equipment Services
Cable Arm	U.S. Army Corps of Engineers
Port of Portland	Manson Construction
Moffatt & Nichol	Dredge Technology Corporation
DCA	Ellicott Dredges

WEDA SUMMIT & EXPO 2015

Schedule

Monday, June 22

- 8:00 am – 5:00 pm Exhibitor Setup *Woodway Hall*
-
- 9:00 am – 3:00 pm NASA Houston Tour
-
- 9:00 am – 5:00 pm Registration *Galleria Foyer*
-
- 1:00 pm – 5:00 pm **WEDA Continuing Education Short Course: The 5 Rs of Environmental Dredging, *Galleria IV***
-
- 7:00 pm – 9:00 pm Hosted Reception (Icebreaker) *Woodway Hall*

Monday

WEDA CONTINUING EDUCATION SHORT COURSE

Monday, June 22: 1:00 pm – 5:00 pm

Short Course: MANAGING THE 5Rs OF ENVIRONMENTAL DREDGING, Galleria IV

1:00 pm	–	1:15 pm	Welcome – Overview of the 5Rs of Environmental Dredging Mike Palermo (Mike Palermo Consulting) <ul style="list-style-type: none">• <i>Introduction of Instructors and Students</i>• <i>Goals of the Course</i>• <i>Environmental Dredging as a Remedy Component</i>• <i>Definitions and Interactions of the 5Rs</i>
1:15 pm	–	2:00 pm	Sediment Removal by Dredging Mike Palermo (Mike Palermo Consulting) <ul style="list-style-type: none">• <i>Equipment Capabilities and Selection</i>• <i>Dredging Plan Design</i>• <i>Operations for Effective Sediment Removal</i>
2:00 pm	–	3:00 pm	Sediment Resuspension and Contaminant Release During Dredging Don Hayes (University of Nevada, Las Vegas) <ul style="list-style-type: none">• <i>Turbidity vs. Suspended Solids</i>• <i>Assessment and Prediction of Resuspension</i>• <i>Performance Standards for Releases</i>• <i>Laboratory Tests for Water Column and Air Releases</i>• <i>Models for Release Assessment</i>• <i>Resuspension and Contaminant Release Monitoring</i>
3:00 pm	–	3:15 pm	Refreshment Break
3:15 pm	–	3:45 pm	Operational and Engineered Controls for Resuspension and Releases Norman Fracingues (OA Systems Corporation) <ul style="list-style-type: none">• <i>Managing Resuspension During Dredging</i>• <i>Operational Controls</i>• <i>Best Management Practices</i>• <i>Silt Curtains and Hard Contaminant Structures</i>
3:45 pm	–	4:30 pm	Dredging Residuals Paul Schroeder (Environmental Laboratory of the U.S. Army Corps of Engineers Research and Development Center) <ul style="list-style-type: none">• <i>Prediction of Residual Thickness and Concentrations</i>• <i>Operational Strategies for Residuals Control</i>• <i>Residual Caps</i>• <i>Residuals Monitoring</i>
4:30 pm	–	4:50 pm	Risk Implications Paul Schroeder (Environmental Laboratory of the U.S. Army Corps of Engineers Research and Development Center) <ul style="list-style-type: none">• <i>Water Column Risks</i>• <i>Risks to Benthic Organisms</i>• <i>Human Health Exposures and Risks</i>• <i>Safety Considerations</i>
4:50 pm	–	5:00 pm	Quiz
5:00 pm			Presentation of Certificates & Adjournment

Monday

WEDA SUMMIT & EXPO 2015

Schedule

Tuesday, June 23

7:00 am – 5:00 pm	Registration <i>Galleria Foyer</i>
6:00 am – 5:00 pm	Exhibits <i>Woodway Hall</i>
7:00 am – 8:00 am	Hosted Breakfast <i>Woodway Hall</i>
7:30 am – 9:30 am	Spouses/Accompanying Persons Breakfast <i>Kirby</i>
9:30 am – 3:00 pm	Spouses/Accompanying Persons Tour
8:00 am – 9:00 am	Opening Plenary Session <i>Galleria I, II, III</i>
9:00 am – 9:30 am	Coffee Break <i>Woodway Hall</i>
9:30 am – 12:00 pm	Technical Sessions 1a: Dredging Research <i>Galleria I, II, III</i> 1b: Mitigation and Restoration <i>Galleria IV</i>
12:00 pm – 1:00 pm	Lunch Buffet <i>Woodway Hall</i>
11:45 am – 1:30 pm	Board of Directors Lunch/Meeting <i>Sage Room</i>
1:15 pm – 3:15 pm	Technical Sessions 2a: Beneficial Use and Engineering with Nature <i>Galleria I, II, III</i> 2b: Water and Fill Treatment <i>Galleria IV</i>
3:00 pm – 5:30 pm	WEDA Environmental Commission Meeting <i>Sage</i>
3:00 pm – 5:30 pm	Board of Industry Advisors Meeting <i>Westchester</i>
3:15 pm – 3:30 pm	Coffee Break <i>Woodway Hall</i>
3:30 pm – 5:30 pm	Technical Sessions 3a: Coastal Restoration <i>Galleria I, II, III</i> 3b: Dredging for Navigation and Construction <i>Galleria IV</i>
6:00 pm – 7:30 pm	Young WEDA Icebreaker <i>Imperial Room</i>
6:30 pm – 8:00 pm	Board of Directors Reception <i>Royal</i>

Tuesday

OPENING SESSION

Opening Plenary Session

Tuesday, June 23: 8:00 am – 9:00 am, Galleria I, II, III

8:00 am – 8:20 am **Opening Remarks**
Ram Mohan, WEDA President

8:20 am – 8:40 am **Local Keynote**
COL. Richard P. Pannell, Commander & District Engineer, U. S. Army
Corps of Engineers Galveston District

8:40 am – 9:00 am **Local Keynote**
Charles Jenkins, Managing Director, Port of Houston

9:00 am – 9:30 am **Coffee Break** Woodway Hall

Tuesday

TEXAS A&M DREDGING SEMINAR

Tuesday, June 23: 9:30 am – 12:00 pm

Technical Session 1a: Dredging Research , Galleria I, II, III

Chair: Robert Randall (Texas A&M University)

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|----------|---|----------|---|
| 9:30 am | – | 10:00 am | <i>The Slip Ratio or Holdup Function in Slurry Transport</i>
Sape Miedema (Delft University) |
| 10:00 am | – | 10:30 am | <i>The Impact Wear Behaviour of Large Rocks on Slurry Pump Materials and Equipment</i>
Robert Visintainer (GIW Industries)
Dan Wolfe (Syncrude Canada) |
| 10:30 am | – | 11:00 am | <i>The Delft Sand, Clay & Rock Cutting Model</i>
Sape Miedema (Delft University) |
| 11:00 am | – | 11:30 am | <i>The Influence of Adhesion on Cutting Processes in Dredging</i>
Thomas Combe and Sape Miedema (Delft University) |
| 11:30 am | – | 12:00 pm | <i>In-Situ Sample Core Scanning for Preparation of Dredging Works</i>
K. Geirnaert, P. Staelens, and L-R. Cool (dotOcean NV)
S. Sargis (International Entrepreneurship Center) |

Technical Session 1b: Mitigation and Restoration, Galleria IV

Chair: Ashley Judith (AECOM)

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| 9:30 am | – | 10:00 am | <i>Oyster Reef Mitigation for the Bayport Ship Channel Improvement Project</i>
Carl Sepulveda and Ashley Judith (AECOM)
Dana Cheney (Gahagan & Bryant Associates Inc.)
David Casebeer (Port of Houston Authority) |
| 10:00 am | – | 10:30 am | <i>Saving Buried Oysters</i>
David Buzan and Cris Weber (Freese and Nichols, Inc.)
Bill Rodney and Bryan Legare (Texas Parks and Wildlife Department) |
| 10:30 am | – | 11:00 am | <i>A Case Study on the Engineering and Design of the Cole's Bayou Marsh Restoration Project</i>
Amanda Taylor (Louisiana Coastal Protection and Restoration Authority) John Foret (NOAA's National Marine Fisheries Service) |
| 11:00 am | – | 11:30 am | <i>Dredging of the Historical Cedar Bayou Tidal Inlet on the Texas Gulf Coast</i>
Aaron Horine, Josh Carter, Matt Campbell and Patrick McLaughlin (Coast & Harbor Engineering, A Division of Hatch Mott MacDonald) |
| 11:30 am | – | 12:00 pm | <i>Dredging for Mitigation Banks at Rockefeller Wildlife Refuge</i>
Erin Rooney (HDR)
Philip "Scooter" Trosclair (Rockefeller Wildlife Refuge) |

Tuesday

TEXAS A&M DREDGING SEMINAR

Tuesday, June 23: 1:15 pm – 3:15 pm

Technical Session 2a: Beneficial Use and Engineering with Nature, *Galleria I, II, III*

Chair: Todd Bridges (US Army Engineer Research and Development Center) & Edmund Russo (USACE, Galveston District)

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| 1:15 pm | – | 1:45 pm | <i>Beneficial Use of Dredged Material</i>
Alice Elizabeth Miano (University of New Orleans) |
| 1:45 pm | – | 2:15 pm | <i>Lessons Learned from Coastal Beneficial Use Features in Galveston Bay and Application to Engineering With Nature</i>
Georganna Collins (Ecology and Environment, Inc.)
Edmund Russo (USACE, Galveston District)
Todd Bridges (US Army Engineer Research and Development Center) |
| 2:15 pm | – | 2:45 pm | <i>Evolving Dredging Practices to Engineer With Nature (presentation only)</i>
Todd S. Bridges, Edmond J. Russo and Cynthia Banks (U.S. Army Engineer Research and Development Center) |
| 2:45 pm | – | 3:15 pm | <i>Engineering With Nature Geographic Project Mapping Tool</i>
Cynthia Banks, Burton Suedel and Michelle Bourne (U.S. Army Engineer Research and Development Center) |

Technical Session 2b: Water and Fill Treatment, *Galleria IV*

Chair: Peggy Derrick (EA Engineering, Science, and Technology, Inc.)

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|---------|---|---------|---|
| 1:15 pm | – | 1:45 pm | <i>Insitu Treatment of Contaminated Fill in a Former Cove Saves Millions in Remediation Costs and Prepared Site for New Building at Naval Base</i>
Charles Wilk (ALLU Group Incorporated) |
| 1:45 pm | – | 2:15 pm | <i>Electrocoagulation (EC) and Chitosan Enhanced Sand Filtration (CESF) Treatment Technologies for Dredge Return Water: Two Case Studies on the Lower Duwamish Waterway in Seattle, Washington</i>
Liisa Doty (Water Tectonics, Inc.) |
| 2:15 pm | – | 2:45 pm | <i>Lessons Learned: Electrocoagulation Treatment of Dredge Return Water to Acute and Chronic Water Quality Criteria for Dissolved Metals, Total PCBs, pH, and Turbidity</i>
Patrick Hsieh (AMEC Environment & Infrastructure, Inc.)
Bruce J. Lesikar (Baker Corp) Rob Webb (Dalton, Olmsted & Fuglevand, Inc.)
Dan McCormack (Boeing Remediation) |
| 2:45 pm | – | 3:15 pm | <i>Maintenance Material and Bird Island Restoration at Sundown/Chester Island, Matagorda Bay, Texas</i>
Cris Weber, Dave Buzan and Tom Dixon (Freese and Nichols, Inc.)
Iliana Pena and Tim Wilkinson (Audubon Texas, National Audubon Society) |

Tuesday

TEXAS A&M DREDGING SEMINAR

Tuesday, June 23: 3:30 pm – 5:30 pm

Technical Session 3a: Coastal Restoration, *Galleria I, II, III*

Chair: Kenneth Goldberg (US Army Corps of Engineers, Philadelphia District)

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| 3:30 pm | – | 4:00 pm | <i>Hurricane Sandy Dredging Projects: Sand and More</i> (presentation only)
Kenneth Goldberg (US Army Corps of Engineers, Philadelphia District) |
| 4:00 pm | – | 4:30 pm | <i>Tampa Harbor Maintenance Dredging with Egmont Key Beneficial Re-use of High Silt Content Material Using a Traditional Template Versus Cross Shore Swash Zone Placement</i>
Coraggio Maglio (U.S. Army Engineer Research and Development Center)
Jase Ousley, Aubree Hershorin and Millan Mora (U.S. Army Corps of Engineers, Jacksonville District) |
| 4:30 pm | – | 5:00 pm | <i>The Delaware Bay Beaches: Sand Needs for Coastal Protection and Resiliency</i>
Jonathan Barker and Clay M. Bryant (Gahagan and Bryant Associates)
Kimberly McKenna (Delaware Department of Natural Resources and Environmental Control)
Steven C. Shaw (Sevenson Environmental) |
| 5:00 pm | – | 5:30 pm | <i>Innovations in Stabilization Treatment of Dredged Material Placement Areas</i>
Charles Wilk (ALLU Group Incorporated) |

Technical Session 3b: Dredging for Navigation and Construction, *Galleria IV*

Chair: Robert Ramsdell (Great Lakes Dredge & Dock Company)

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| 3:30 pm | – | 4:00 pm | <i>Dredging Works and Geotextile Tube Applications for Construction of the Longest Sea-Crossing Bridge in Vietnam</i>
Tack Wen Yee (TenCate Geosynthetics) |
| 4:00 pm | – | 4:30 pm | <i>Navigation Channel Depth for Ibaka Deep Seaport in Nigeria</i>
Ephraim U. Paul, David A. Brooks, James Kaihatu (Texas A&M University)
Uwemedimo R. Ebon (Akwa Ibom State University) |
| 4:30 pm | – | 5:00 pm | <i>City of Renton Seaplane Base Maintenance Dredging, Challenges beyond the Scope of Maintenance Dredging</i>
John Dawson and Shane Phillips (Coast & Harbor Engineering, Inc.) |

Tuesday

WEDA SUMMIT & EXPO 2015

Schedule

Wednesday, June 24, 2015

7:00 am – 5:00 pm	Registration <i>Galleria Foyer</i>
6:00 am – 5:00 pm	Exhibits <i>Woodway Hall</i>
7:00 am – 8:00 am	Hosted Breakfast <i>Woodway Hall</i>
7:30 am – 9:30 am	Spouses/Accompanying Persons Breakfast <i>Kirby</i>
9:30 am – 3:00 pm	Spouses/Accompanying Persons Tour
8:00 am – 9:30 am	Plenary Session – WEDA Safety Commission Panel <i>Galleria I, II, III</i>
9:30 am – 9:45 am	Coffee Break <i>Woodway Hall</i>
9:45 am – 11:15am	Technical Sessions 4a: Safety Initiatives <i>Galleria I, II, III</i> 4b: Precision Excavation <i>Galleria IV</i>
11:30pm – 1:00 pm	Hosted Lunch <i>Woodway Hall</i> Esteban Saenz, Executive Vice President of Operations, Panama Canal Authority
1:15 pm – 2:45 pm	Technical Session 5a: Dredge Design: Challenges and Opportunities <i>Galleria I, II, III</i> 5b: Environmental Lubricants <i>Galleria IV</i>
2:45 pm – 3:15 pm	Ice Cream Social <i>Woodway Hall</i>
3:30 pm – 5:00 pm	Technical Session 6a: Trailing Suction Hopper Dredgers <i>Galleria I, II, III</i> 6b: Survey and Modeling <i>Galleria IV</i>
6:30 pm – 10:00pm	Conference Dinner/Awards <i>Monarch</i> <ul style="list-style-type: none">- Safety Awards- WEDA Environmental Excellence Awards- Dredger of the Year Award- Life Time Achievement Award

Wednesday

WEDA TECHNICAL SESSIONS

Wednesday, June 24: 8:00 am – 11:15 am

Plenary Session: WEDA Safety Commission Panel – *Galleria I, II, III*

Moderator: Julie Hile (Hile Group)

8:00 am – 9:30 am **Workplace Safety Creates Dredging Industry Excellence**
Workplace safety is increasingly known as a key driver of overall organization excellence. For the last three years, WEDA Safety Panels have generated lively discussion and learning, and we invite you to attend. We will engage in one hour of panelist insights and safety tips and a 30-minute Question and Answer period.

2015 Safety panel participants include:
Marc Stearns (Manson Construction Co.)
Patrick Spoor, Galveston District Chief of Safety, USACE
Representatives of the winners of
the 2015 WEDA Safety Excellence Awards for Dredging.

Technical Session 4a: Safety Initiatives, *Galleria I, II, III*

Chair: Lisa Glahn (Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.)

9:45 am – 10:15 am **Building a Proactive Safety Culture in the Dredging Industry Through use of Job Safety Analysis and Job Safety Analysis Audits**
Ashley Roznowski (Great Lakes Dredge & Dock Company)

10:15 am – 10:45 am **A 100 Day Approach to Hand Safety**
John Henriksen, Mike Warwick, F. Ray and J. Santie (Manson Construction Co.)

10:45 am – 11:15 am **Enhancing Safety and Health Programs with Technology and Mobile Applications**
Paul DiFrenna CSP (Cashman Dredging and Marine Contracting Company, LLC)

Technical Session 4b: Precision Excavation, *Galleria IV*

Chair: Carol Shobrook (JT Cleary)

9:45 am – 10:15 am **Innovative Precision Dredging and Excavation Technology**
Steve Aitken (X-Subsea)

10:15 am – 10:45 am **Environmental Dredging Productivity for Precision Excavator Dredges**
Robert Webb, Teal Dreher and Paul Fuglevand (Dalton, Olmsted & Fuglevand, Inc.)

10:45 am – 11:15 am **Environmental Dredging at High Depth Dam Cleaning Dredging**
Matteo Benassuti, Alfredo Ranaldi and Maurice Freivokh (Dragflow SRL)

Wednesday

WEDA TECHNICAL SESSIONS

Wednesday, June 24: 11:30 am – 1:00 pm

Hosted Lunch: The Panama Canal Authority, *Woodway Hall*

11:30 am – 1:00 pm **Hosted Lunch**
Esteban Saenz, Executive Vice President of Operations, Panama Canal Authority

Wednesday, June 24: 1:15 pm – 2:45 pm

Technical Session 5a: Dredge Design: Challenges and Opportunities, *Galleria I, II, III*

Chair: Sape Miedema (Delft University)

1:15 pm – 1:45 pm **Challenges of Dredging in the Arctic and Other Deep Ocean Locations**
Robert Randall and Chung-Kuk Jin (Texas A&M University)

1:45 pm – 2:15 pm **Expected Future Applications of Artificial Intelligence on Dredgers**
Riny Mourik and J. Osnabrugge (IHC Systems)

2:15 pm – 2:45 pm **Maximising Potential - How Converting and Upgrading Existing Dredgers Can Help Your Company**
Basel Yousef and Manish Jangir (Dredge Yard)

Technical Session 5b: Environmental Lubricants, *Galleria IV*

Chair: Richard Weber (Natural Resource Technology Inc.)

1:15 pm – 1:45 pm **New EPA Regulations for Environmentally Acceptable Lubricants and Their Effect on the Dredging Industry**
Matthew Houston (RSC Bio Solutions)

1:45 pm – 2:15 pm **Picking the Right Environmentally Acceptable Lubricant (EAL): Meeting Environmental Regulations, Maximizing Performance**
Raymond McDonald (ExxonMobil)

2:15 pm – 2:45 pm **Stewards to the Environment While Improving your Bottom Line**
Jared Mikacich (PANOLIN America)

2:45 pm – 3:15 pm **Ice Cream Social** *Woodway Hall*

Wednesday

WEDA TECHNICAL SESSIONS

Wednesday, June 24: 3:30 pm – 5:00 pm

Technical Session 6a: Trailing Suction Hopper Dredgers, *Galleria I, II, III*

Chair: Coraggio Maglio (U.S. Army Engineer Research and Development Center)

3:30 pm – 4:00 pm ***New Dredging Equipment: The USACE Shallow Draft Split-Hull Dredge MURDEN***

Alexandra Scrimgeour and Thomas Verna (U.S. Army Corps of Engineers, Institute for Water Resources)

4:00 pm – 4:30 pm ***Trends in Design of Trailing Suction Hopper Dredges; Brown or Blue Oceans***

Erik van der Blom and Andre Kik (IHC Holland BV Dredgers)
Leo W. van Ingen (Dredge Technology Corporation)

4:30 pm – 5:00 pm ***Engineering Analysis of Turtle Exclusion Device***

John Henriksen, Mike Warwick, Ryan Munger and Shannon Kay
(Manson Construction Co.)

Technical Session 6b: Survey and Modeling, *Galleria IV*

Chair: Ashley Kerns (Mike Hooks, Inc.)

3:30 pm – 4:00 pm ***Dynamic Underwater 3D Survey and Monitoring During Recent Platform Dredging Operation: Reducing Risk and Exposure, While Improving Safety and Productivity***

David Boulet (Tusk Subsea Services)
Blair Cunningham (Coda Octopus Products Inc.)

4:00 pm – 4:30 pm ***Advanced Sonar Technology Improves Port Expansion Project in Sao Luis, Brazil***

Peter MacDermott (Baird & Associates)
Chris Gorman (Coda Octopus) Mathews Morais (VALE)

4:30 pm – 5:00 pm ***Hydrodynamic and Sediment Transport Modeling for Horseshoe Bend Island Creation in the Lower Atchafalaya River, Louisiana***

Sung-Chan Kim and Burton Suedel (U.S. Army Engineer Research and Development Center)

Wednesday

WEDA SUMMIT & EXPO 2015

Schedule

Thursday, June 25, 2015

7:00 am	–	10:30 am	Registration <i>Galleria Foyer</i>
6:00 am	–	10:30 am	Exhibits <i>Woodway Hall</i>
7:00 am	–	8:00 am	Hosted Breakfast <i>Woodway Hall</i>
7:30 am	–	9:30 am	Spouses/Accompanying Persons Breakfast <i>Kirby</i>
8:00 am	–	9:30 am	Plenary Session - WEDA Environmental Commission Panel <i>Galleria I, II, III</i>
9:30 am	–	9:45 am	Coffee Break <i>Woodway Hall</i>
9:45 am	–	12:15 pm	Technical Sessions <i>7a: Past, Present and Future of Dredging</i> <i>Galleria I, II, III</i> <i>7b: Dredging Solutions</i> <i>Galleria IV</i>
12:15 pm	–	1:00 pm	Closing Session <i>Galleria I, II, III</i>
1:00 pm	–	5:00 pm	Post Conference Technical Tour to Port of Houston Host: Garry McMahan, Program Manager - Licenses/Permits Port of Houston

Thursday

WEDA TECHNICAL SESSIONS

Thursday, June 25: 8:00 am – 9:30 am

Plenary Session: WEDA Environmental Commission Plenary Panel: *Galleria I, II, III*

Chair: *Craig Vogt*

8:00 am – 9:30 am

Environmental Excellence in the Dredging Industry

Four papers will be presented describing the projects that won the 2015 WEDA Environmental Excellence Awards for Navigation Dredging and for Environmental Dredging, announced during the Conference Dinner on Wednesday evening. Two papers in each category will be presented (the Excellence Award winner and the Excellence Silver Award winner).

9:30 am – 9:45 am

Coffee Break *Woodway Hall*

Thursday

WEDA TECHNICAL SESSIONS

Thursday, June 25: 9:45 am – 12:15 pm

Technical Session 7a: Past, Present and Future of Dredging, *Galleria I, II, III*

Chair: Don Hayes (University of Nevada, Las Vegas)

9:45 am – 10:15 am ***The History of Dredging at the Port of Houston: Ditching High and Low to Build a Port***

Mark Vincent (Port of Houston Authority)
Lisa Glahn and Rebecca Raphaelson (Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.)

10:15 am – 10:45 am ***The Permitting Journey to Deepening and Widening a Federal Navigation Channel***

Carl Sepulveda and Ashley Judith (AECOM)
Dana Cheney (Gahagan & Bryant Associates Inc.)
David Casebeer (Port of Houston Authority)

10:45 am – 11:15 am ***Quantitative Approach to Navigation Channels Asset Management***
Lauren Dunkin and K. Ned Mitchell (U.S. Army Engineer Research and Development Center)

11:15 am – 11:45 am ***Certification for Dredge Professionals - The Why and How***

Alan Alcorn (Moffatt & Nichol)
Donald Hayes (University of Nevada, Las Vegas)
Robert Randall (Texas A&M University)

11:45 am – 12:15 pm ***Dredging Industry Trends***

Robert Wetta and Charles Johnson (DSC Dredge, LLC)

Technical Session 7b: Dredging Solutions, *Galleria IV*

Chair: Mary Miller (Anchor QEA, LLC)

9:45 am – 10:15 am ***Texas Coastal Geological Dredging vs. Geotechnical Dredging: Can We Anticipate the Future?***

Juan Moya, Cris Weber and Tom Dixon (Freese and Nichols, Inc.)
Matthew Mahoney (Texas Department of Transportation)
Tim Dellapenna (Texas A&M University Galveston)

10:15 am – 10:45 am ***Turning Failure into Success with Innovative Dredging Solutions for Aquatic Preserve Restoration***

John Adams, William Coughlin and Jacob Sheets (Gator Dredging)

10:45 am – 11:15 am ***Sediment Cap Installation and River Bank Cleanup on the Ohio River***

Walter Dinicola, Ram Mohan, T.W. Merritts, P. LaRosa, J. Cornetta (Anchor QEA, LLC), J. Caryl (Amec Foster Wheeler), C. Geadelmann (Honeywell International Inc.), J. Guenther (Terra, a Great Lakes Company)

11:15 am – 11:45 am ***Esquimalt Graving Dock Waterlot South Jetty Demolition and Remediation Design Challenges***

Dan Berlin, Tom Wang and M. Woltman (Anchor QEA, LLC)
G. Cooper (Klohn Crippen Berger)
A. Mylly and C. Major (Public Works and Government Services Canada)

11:45 am – 12:15 pm ***A Case Study on the Engineering and Design of the Lost Lake Marsh Creation and Hydrologic Restoration Project (CWPPRA Project TE-72)***

Shannon Haynes (Louisiana CPRA), Kevin Roy (USFWS)

Thursday

Closing Session

Thursday, June 25: 12:00 pm – 12:45 pm

Closing Session, *Galleria I, II, III*

12:15 pm – 12:25 pm **Closing Remarks**
Ram Mohan (WEDA President/ Anchor QEA, LLC)

12:25 pm – 12:45 pm **Best Paper Awards**
Robert Ramsdell (Great Lakes Dredge & Dock Company)

DSC Dredge, LLC Best Paper Award
Paper Best Representing The Topic “Why Is Dredging Good”
Robert Wetta (DSC Dredge, LLC)

DCA/WEDA Best Paper Award
Michael Gerhardt (Dredging Contractors of America)

Anchor QEA Young Author Best Paper Award
Tom Wang (Anchor QEA, LLC)

12:45 pm – 1:00 pm **Door Prizes**
Tom Verna (WEDA)

Thursday

WEDA SUMMIT & EXPO 2015

Western Hemisphere Conferences

1980 Vancouver, British Columbia	1998 Las Vegas, Nevada
1981 Nashville, Tennessee	1999 Louisville, Kentucky
1982 New Orleans, Louisiana	2000 Providence, Rhode Island
1983 Jacksonville, Florida	2001 Houston, Texas
1984 St. Louis, Missouri	2002 Broomfield, Colorado
1985 Portland, Oregon	2003 Oakbrook, Illinois
1986 Baltimore, Maryland	2004 Lake Buena Vista, Florida
1987 Toronto, Canada	2005 New Orleans, Louisiana
1988 New Orleans, Louisiana	2006 San Diego, California
1989 Tacoma, Washington	2007 Lake Buena Vista, Florida
1990 Virginia Beach, VA	2008 St. Louis, Missouri
1991 New Orleans, Louisiana	2009 Tempe, Arizona
1992 Mobile, Alabama	2010 San Juan, Puerto Rico
1993 Atlantic City, New Jersey	2011 Nashville, Tennessee
1994 San Diego, California	2012 San Antonio, Texas
1995 Minneapolis, Minnesota	2013 Honolulu, Hawaii
1996 New Orleans, Louisiana	2014 Toronto, Canada
1997 Charleston, South Carolina	

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<p>ALLU Group, Inc. Wilk, Charles 700 Huyler Street Teterboro, NJ 7608 800-939-2558 charlesw@allu.net Booth No. 55</p>	<p>ALLU Group, Inc. Andreas, Paul 700 Huyler Street Teterboro, NJ 7608 800-939-2558 paula@allu.net Booth No. 55</p>
<p>American Chemical Technologies, Inc. Ratliff, Cole 485 East Van Riper Road Fowlerville, MI 48836 (630) 534-4843 cratliff@americanchemtech.com Booth No. 56</p>	<p>AmeriMex Motor & Controls Norwood, Brad 610 North Milby Houston, TX 77003 (713) 225-4300 brad@amerimexinc.com Booth No. 3</p>
<p>AML Oceanographic Kevin, Wilson 2071 Malaview Avenue Sidney, British Columbia Canada V8L 5X6 (250) 656-0771 kevin.wilson@amlocanographic.com Booth No. 30, 31</p>	<p>Anvil Attachments Toncrey, Shane 261 Highway 19 Slaughter, LA 70777 (226) 645-8223 stoncrey@anvilattachments.com Booth No. 1</p>
<p>Aqua Survey, Inc. Hayes, Garrett 469 Barbertown Point Breeze Flemington, NJ 08822 (908) 788-8700 Garrett@aquasurvey.com Booth No: 11</p>	<p>BioBlend Renewable Resources, LLC Pezoldt, Jim 2250 Arthur Avenue Elk Grove Village, IL 60007 (512) 809-2554 jim.pezoldt@bioblend.com Booth No. 5</p>
<p>BioBlend Renewable Resources, LLC Burkett, Sam 2250 Arthur Avenue Elk Grove Village, IL 60007 (512) 809-2554 sam.burkett@bioblend.com Booth No. 5</p>	<p>BioBlend Renewable Resources, LLC Drosche, Renee 2250 Arthur Avenue Elk Grove Village, IL 60007 (512) 809-2554 renee.drosche@bioblend.com Booth No. 5</p>

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<p>BYG Gracia, Juan el pla 45 Barcelona, Spain 08750 3493-680-4912 jgracia@byg.com Booth No. 2</p>	<p>Cable Arm, Inc. Bergeron, Ray 3452 West Jefferson Avenue Trenton, MI 48183 (734) 676-6108 info@cablearm.com Booth No. 50, 51</p>
<p>Cable Arm, Inc. Steves, Harrison 3452 West Jefferson Avenue Trenton, MI 48183 (734) 676-6108 hstece04@gmail.com Booth No. 50, 51</p>	<p>Carylon Sediments Group Dick, Alex 3100 Bethel Road Chester, PA 19013 (610) 497-9500 alexd@mobiledredging.com Booth No. 62</p>
<p>Carylon Sediments Group Simpson, Stephen 3100 Bethel Road Chester, PA 19013 (610) 497-9500 Ssimpson@mobiledredging.com Booth No. 62</p>	<p>Clean Earth, Inc. Mance, Jamie 334 South Warminster Road Hatboro, PA 19040 (215) 734-1400 jmance@cleanearthinc.com Booth No. 64</p>
<p>Coast & Harbor Engineering Horine, Aaron 711 North Carancahua, Suite 909 Corpus Christi, TX 78401 (281) 813-9440 aaron.horine@hatchmott.com Booth No. 7</p>	<p>Coda Octopus Products, Inc. Cunningham, Blair 4020 Kidron Road, Suite 4 Lakeland, FL 33811 (836) 937-8985 blair.cunningham@codaoctopus.com Booth No: 25</p>
<p>CSA Ocean Sciences, Inc. Spring, Keith 8501 SW Kansas Avenue Stuart, FL 34997 (772) 219-3055 kspring@conshelf.com Booth No. 10</p>	<p>DEL Tank & Filtration Systems Long, Duke P.O. Box 61460 Lafayette, LA 70596 (337) 237-8400 duke@deltank.com Booth No. 12</p>

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<p>DRAGFLOW S.R.L. Martinelli, Roberto Via Pasubio, 40 Villafranca (VR) Italy 37069 + 39 0456304521 marketing@dragflow.it Booth No. 24</p>		<p>Dredge Technology Corporation van Ingen, Leo W. P.O. Box 1520 Wayne, NJ 07474 (973) 696-1559 lw.vaningen@dtcdredges.com Booth No. 48</p>
<p>Dredge Yard Berchiu, Iulia U.A.E., Dubai, JLT, HDS Tower, 402 Dubai, 282189 +971-44574002 iulia@dredgeyard.com Booth No. 52, 53</p>		<p>Dredge Yard Yousef, Basiel U.A.E., Dubai, JLT, HDS Tower, 402 Dubai, 282189 +971-44574002 basel@dredgeyard.com Booth No. 52, 53</p>
<p>DSC Dredge, LLC Wetta, Bob 156 Airport Road Reserve, LA 70084 (985) 479-1355 rbwetta@dscdredge.com Booth No. 4</p>		<p>DSC Dredge, LLC Johnson, Charlie 156 Airport Road Reserve, LA 70084 (985) 479-1355 chjohnson@sdsdredge.com Booth No. 4</p>
<p>EA Engineering Science & Technology Derrick, Peggy 225 Schilling Circle, Suite 400 Hunt Valley, MD 21031 (410) 329-5126 pderrick@eaest.com Booth No. 27</p>		<p>EA Engineering Science & Technology Short, Russell 225 Schilling Circle, Suite 400 Hunt Valley, MD 21031 (410) 329-5116 rshort@eaest.com Booth No. 27</p>
<p>Ellicott Dredges, LLC Quinn, Paul 1611 Bush Street Baltimore, MD 21230 (410) 545-0240 pquinn@dredge.com Booth No. 13, 14</p>		<p>Ellicott Dredges, LLC Miller, Steve 1611 Bush Street Baltimore, MD 21230 (410) 302-4348 smiller@dredge.com Booth No. 13, 14</p>

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<p>Fugro Satellite Positioning Inc. Huff, Mike 6100 Hillcroft Houston, TX 77081 (713) 778-6412 m.huff@fugro.com Booth No. 34</p>	<p>Hayward Baker Inc. Tyson Deklavs 509 N. Sam Houston Parkway, E., Suite 300 Houston, TX 77060 (281) 668-1870 tedeklavs@haywardbaker.com Booth No. 22</p>
<p>Hayward Baker Inc. Steve Pirih 509 N. Sam Houston Parkway, E., Suite 300 Houston, TX 77060 (281) 668-1870 sppirih@haywardbaker.com Booth No. 22</p>	<p>Hemisphere GNSS, Inc. Hurkens, Garry 8444 North 90th Street, Suite 120 Scottsdale, AZ 85258 (480) 248-6308 ghurkens@hemispheregps.com Booth No. 30, 31</p>
<p>Higgs Hydrographic Tek Higgs, Michael 30 Cambridge Avenue Gulfport, MS 39507 (228) 669-3554 Michael.higgs@higgshydrographictek.com Booth No. 61</p>	<p>Higgs Hydrographic Tek Swear, Sue 30 Cambridge Avenue Gulfport, MS 39507 (228) 669-3554 sue.swear@higgshydrographictek.com Booth No. 61</p>
<p>Hose Solutions Inc. Steverlynck, Nicolas 9419 East San Salvador Drive Scottsdale, AZ 85258 (480) 607-1507 nicolas.steverlynck@hosesolutions.com Booth No. 37</p>	<p>HUESKER, Inc. Cronia, Forrest P.O. Box 411529 Charlotte, NC 28241 (704) 588-5500 fcronia@hueskerinc.com Booth No. 18</p>
<p>HUESKER, Inc. Gautreaux, Shandie P.O. Box 411529 Charlotte, NC 28241 (704) 588-5500 sgautreaux@hueskerinc.com Booth No. 18</p>	<p>HUESKER, Inc. Creel, Robert P.O. Box 411529 Charlotte, NC 28241 (704) 588-5500 rcreel@hueskerinc.com Booth No. 18</p>

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<p>HUESKER, Inc. Morgan, Kevin P.O. Box 411529 Charlotte, NC 28241 (704) 588-5500 kmorgan@hueskerinc.com Booth No. 18</p>	<p>HYPACK Inc. Roca, Christine 56 Bradley Street Middletown, CT 06457 (860) 635-1500 christine@hypack.com Booth No. 60</p>
<p>HYPACK Inc. Glover, Robert 56 Bradley Street Middletown, CT 06457 (860) 635-1500 bob@hypack.com Booth No. 60</p>	<p>Kruse Integration Wise, Jay 8433 Belair Road Baltimore, MD 21236 (410) 952-4189 jwise@kruseintegration.com Booth No. 58</p>
<p>MacArtney, Inc. Bonde, Rasmus 2901 West Sam Houston Parkway N Houston, TX 77043 (713) 292-3613 rfb@macartney.com Booth No. 29</p>	<p>MacArtney, Inc. Flores, Martin 2901 West Sam Houston Parkway N Houston, TX 77043 (713) 292-3613 mrf@macartney.com Booth No. 29</p>
<p>Magnus Pacific, LLC McCormack, Timothy 6558 Lonetree Boulevard Rocklin, CA 95765 (425) 265-1072 TMcCormack@MagnusPacific.com Booth No. 28</p>	<p>McDermott Light & Signal Sirois, Russell 1639 Stephen Street Ridgewood, NY 11385 (718) 456-3606 russ@mcdermottlight.com Booth No. 42</p>
<p>McDermott Light & Signal McDermott, Vernon 1639 Stephen Street Ridgewood, NY 11385 (718) 456-3606 vjr@mcdermottlight.com Booth No. 42</p>	<p>McKim & Creed Jones, David 1730 Varsity Drive, Suite 500 Raleigh, NC 27606 (919) 233-8091 djones@mckimcreed.com Booth No. 9</p>

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<p>McKim & Creed Cawood, Tim 1730 Varsity Drive, Suite 500 Raleigh, NC 27606 (919) 233-8091 tcawood@mckimcreed.com Booth No. 9</p>	<p>Neptune Flotation Jordan, David 101 West 103rd Street, INH 3600 Indianapolis, IN 46290 (317) 588-3600 djordan@pipefloat.com Booth No. 35</p>
<p>Neptune Flotation Carruth, Terri 101 West 103rd Street, INH 3600 Indianapolis, IN 46290 (317) 588-3600 tcarruth@pipefloat.com Booth No. 35</p>	<p>NORBIT Eriksen, Peter 325 Oak View Lane Santa Barbara, CA 93111 (805) 776-3878 pke@norbit.com Booth No. 33</p>
<p>NORBIT Mutschler, Mike 325 Oak View Lane Santa Barbara, CA 93111 (805) 776-3878 mike@seahorsegeomatics.com Booth No. 33</p>	<p>Normrock Industries Inc. (AMPHIBEX) Grant, Norman 3360 Des Entreprises Boulevard Terrebonne, Quebec J6X 4J8 Canada (460) 477-5132 ngrant@amphibex.com Booth No. 16, 43</p>
<p>Normrock Industries Inc. (AMPHIBEX) Grant, Jimmy 3360 Des Entreprises Boulevard Terrebonne, Quebec J6X 4J8 Canada (460) 477-5132 jgrant@amphibex.com Booth No. 16, 43</p>	<p>NRG Enterprises O'Brien II, James 420 Carey Street, P.O. Box 355 Deerfield, MI 49238 (517) 447-4602 jobrien@nrgdynamix.com Booth No. 59</p>
<p>Pearce Pump Supply, Inc. Walker, Jeremy 16161 Airline Highway Prairieville, LA 70769 (225) 673-6188 jwalker@pearceusa.com Booth No. 8</p>	<p>Pearce Pump Supply, Inc. Harper, Robert 16161 Airline Highway Prairieville, LA 70769 (225) 673-6188 rharper@pearceusa.com Booth No. 8</p>

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<p>Pentair Environmental Systems Harrington, Jason 2395 Apopka Boulevard Apopka, FL 32703 (407) 992-5565 Jason.harrington@pentair.com Booth No. 6</p>	<p>R2Sonic Sabo, Cris 5307 Industrial Oaks Blvd, Suite 120 Austin, TX 78735 (250) 880-0969 csabo@r2sonic.com Booth No. 36</p>
<p>Ryzhka International LLC Dunbar, Michael 2400 West Cypress Creek Road, Suite 123 Fort Lauderdale, FL 33009 (619) 417-5799 mdunbar@ryzhka.com Booth No. 49</p>	<p>Salem-Republic Rubber Company Dunchuck, James 475 West California Avenue, P.O. Box 339 Sebring, OH 44672 (800) 686-4199 jdunchuck@salem-republic.com Booth No. 15</p>
<p>SBG Systems Mawson, Jack 3 bis chemin de la jonchere Rueil-Malmaison, France 92500 33 1 80 88 45 Jack.mawson@sbg-systems.com Booth No. 46</p>	<p>Subsea Technologies, Inc. Lawrance, Steve 1323 Price Plaza Katy, TX 77449 (281) 398-5600 sjl@subseatechnologies.com Booth No. 30, 31</p>
<p>Supreme Integrated Technology, Inc. Shaw, Garrett 915 Distributors Row Harahan, LA 70123 (504) 464-0528 garretts@sitech-us.com Booth No. 57</p>	<p>Survey Equipment Services Craig, Alan 1730 Park View Court Houston, TX 77084 (281) 829-6481 acraig@ses-services.com Booth No. 44</p>
<p>Survey Equipment Services Basinger, Tim 1730 Park View Court Houston, TX 77084 (281) 829-6481 tbasinger@ses-services.com Booth No. 44</p>	<p>Teledyne RESON & Teledyne ODOM Grava, Josh Fabriksvengen 13 Slangerup, Denmark 03550 45 2077 4712 Josh.grava@reson.com Booth No. 63</p>

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<p>Teledyne RESON & Teledyne ODOM Daily, Kim Fabriksvangen 13 Slangerup, Denmark 03550 45 2077 4712 kim.daily@teledyne.com Booth No. 63</p>	<p>TenCate Geotube Juncker, Alan 3680 Mount Olive Road Commerce, GA 30529 (706) 693-1855 a.juncker@tencate.com Booth No. 23</p>
<p>TenCate Geotube Timpson, Chris 3680 Mount Olive Road Commerce, GA 30529 (706) 693-1855 c.timpson@tencate.com Booth No. 23</p>	<p>Terra Contracting Services Schriber, Don 5787 Stadium Drive Kalamazoo, MI 49009 (269) 375-9595 dschriber@terracontracting.net Booth No. 28</p>
<p>Terra Contracting Services Dorsz, Derek 5787 Stadium Drive Kalamazoo, MI 49009 (269) 375-9595 ddorsz@terracontracting.net Booth No. 28</p>	<p>Terra Contracting Services Wilder, Dave 5787 Stadium Drive Kalamazoo, MI 49009 (269) 375-9595 dwilder@terracontracting.net Booth No. 28</p>
<p>Triflo International Griffin, James 1000 FM 830 Willis, TX 77318 (936) 718-7950 jgriffin@triflo.com Booth No. 26</p>	<p>Tritech International Ltd. Fraser, Maurice 1323 Price Plaza Drive Houston, TX 77449 (281) 398-3310 Maurice-fraser@tritech.co.uk Booth No. 32</p>
<p>Watertectonics Doty, Liisa 6300 Merrill Creek Parkway Ste C-100 Everett, WA 98203 (425) 349-4200 liisa@watertectonics.com Booth No. 47</p>	<p>Watertectonics Gustin, Gena 6300 Merrill Creek Parkway Ste C-100 Everett, WA 98203 (425) 349-4200 gena.gustin@watertectonics.com Booth No. 47</p>

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Weeks Marine, INC Broussard, Chuck 304 Gaille Drive Covington, LA 70433 (985) 875-2500 crbroussard@weeksmarine.com Booth No. 19, 40	Weeks Marine, INC Schexnayder, Amy 304 Gaille Drive Covington, LA 70433 (985) 875-2500 anschexnayder@weeksmarine.com Booth No. 19, 40
Weeks Marine, INC Audibert, Ricky 304 Gaille Drive Covington, LA 70433 (985) 875-2500 rjaudibert@weekssmarine.com Booth No. 19, 40	Wilkins Weather Technologies, LP Fulton, Ryan 400 Collins Road NE Cedar Rapids, IA 52498 (319) 263-3690 sales@wilkinsweather.com Booth No. 54