



TEXAS A&M
UNIVERSITY

WEDA 33rd Technical Conference
Texas A&M 44th Annual Dredging Seminar

So That Ships May Pass



Conference Program

August 25–28, 2013

Hilton Hawaii Village • Honolulu, Hawaii

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

Paul Quinn, *Chairman*
Ellicott Dredges, LLC

Robert Wetta, *President*
DSC Dredge, LLC

Ram Mohan, *First Vice President*
Anchor QEA, LLC

Gary McFarlane, *Second Vice President*
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Robert Randall, *Director*
Texas A&M University

Paulo Rodrigues, *Director*
Terpasa Service Dragagem (Brazil)

Thomas Verna, *Director*
U.S. Army Corps of Engineers

Craig Vogt, *Director*
Consultant

Lt. General Thomas Bostick, *Ex-Officio Board Member**
U.S. Army Corps of Engineers

John Adams, *Ex-Officio Board Member**
Taylor Engineering, Inc.

Gregory Hartman, *Ex-Officio Board Member**
Hartman Associates, LLC

Albert Savage, III, *Ex-Officio Board Member**
Metso Minerals

Ancil Taylor, *Ex-Officio Board Member**
Bean Stuyvesant, LLC

*Non-voting Board Member

CONFERENCE ORGANIZING COMMITTEE

Lawrence Patella, *Executive Director*

Western Dredging Association

Ram Mohan, *Chair, Technical Paper Committee*

Anchor QEA, LLC

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

Texas A&M University

Robert Wetta, *Member, Technical Paper Committee*

DSC Dredge, LLC

Robert Ramsdell, *Member, Technical Paper Committee*

Great Lakes Dredge & Dock Company

GENERAL INFORMATION

Registration/Information Desk

Sunday, August 25, 2013	8:00 am – 5:00 pm
Monday, August 26, 2013	6:30 am – 5:00 pm
Tuesday, August 27, 2013	6:30 am – 5:00 pm
Wednesday, August 28, 2013	6:30 am – 12:00 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

Casual clothing is appropriate for all daytime technical sessions and luncheons. Appropriate attire for the Icebreaker is dressy casual; for the Board Dinner, jacket and tie for men and cocktail attire for women is appropriate.

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 WEDA 34/TAMU 45 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	\$400 USD

GENERAL INFORMATION

Tours/Spouse/Special Program

Day	Time	Activity
Sunday, August 25, 2013	9:00 am to 4:00 pm	Full Day Sight Seeing Tour
Sunday, August 25, 2013	9:30 am to 5:30 pm	Golf Tournament (Sign up Required)
Sunday, August 25, 2013	7:00 pm to 10:00 pm	Hosted Reception (Ice Breaker) in Exhibit Hall (Badges Required)
Monday, August 26, 2013	9:00 am to 3:00 pm	Spouses Honolulu City Tour
Tuesday, August 27, 2013	9:00 am to 3:00 pm	Spouses Circle Island Tour
Tuesday, August 27, 2013	3:00 pm to 3:30 pm	Ice Cream Social in Exhibit Hall
Tuesday, August 27, 2013	7:00 pm to 9:00 pm	Conference Dinner

Exhibitor Set Up and Tear Down

Exhibitors may commence setting up their booths at 12:00 noon on Sunday, August 25. Tear down will be allowed after the 10:00 am Refreshment Break on Wednesday, August 28.

Sustaining Members

American Chemical Technology, Inc.	J.F. Brennan Company
Anchor QEA, LLC	Moffatt & Nichol
Arcadis-US, Inc.	Natural Resource Technology
ARC Surveying and Mapping	Neptune Flotation
Bean Companies	Parsons Brinckerhoff
Coast & Harbor Engineering	Port of Portland
Dalton, Olmsted & Fuglevand, Inc.	Portable Barge Services, Inc.
Dredge Technology Corporation	SAM, Inc.
DSC Dredge, LLC	Snyder Industries
Great Lakes Dredge & Dock Co.	Southern Dredging Company
Hartman Associates, LLC	The Intelligence Group

Sponsors

Anchor QEA, LLC	GIW Industries
BOC Water Hydraulics, Inc.	Great Lakes Dredge & Dock Co.
Dalton, Olmsted & Fuglevand	IHC Holland BV
DSC Dredge, LLC	Manson Construction
Ellicott Dredges, LLC	Natural Resource Technology

TAMU 44 DREDGING SEMINAR

Schedule

Sunday, August 25

- 8:00 am – 5:00 pm Exhibitor Setup, *Tapa Ballroom 2 – 3*
- 9:00 am – 5:00 pm Registration, *Palace Lounge*
- 9:30 am – 5:30 pm Golf Tournament, *Ko Olina Golf Club*
- 7:00 pm – 9:00 pm Hosted Reception (Icebreaker), *Tapa Ballroom 2 – 3, Exhibit Hall*

Monday, August 26

- 6:00 am – 5:00 pm Registration, *Palace Lounge*
- 6:00 am – 5:00 pm Exhibits, *Tapa Ballroom 2 – 3, Exhibit Hall*
- 6:30 am – 7:30 am Hosted Breakfast, *Tapa Ballroom 2 – 3, Exhibit Hall*
- 7:30 am – 9:00 am Spouses Breakfast, *Iolani Suite 6, 20 Rounds of 10*
- 9:00 am – 3:00 pm Honolulu City Tour
- 8:00 am – 9:15 am WEDA 33/TAMU 44 Opening Ceremonies, *Tapa Ballroom 1, 250 Class Room*
- 9:30 am – 12:00 pm **Technical Session**
Session 1: Advances in Dredging – I, *Tapa Ballroom 1, 250 Class Room*
- 12:00 pm – 1:00 pm Lunch, *Tapa Ballroom 2 – 3, Exhibit Hall*
- 12:00 pm – 1:30 pm Board of Directors Lunch/Meeting, *Iolani Suite 1 – 3, 30 Hollow Square*
- 1:00 pm – 5:00 pm **Technical Session**
Session 2: Advances in Dredging – II, *Tapa Ballroom 1, 250 Class Room*
- 2:30 pm – 5:00 pm WEDA Environmental Commission Meeting, *Iolani Suite 1 – 3, 20 Hollow Square*
- 2:30 pm – 5:00 pm Board of Industry Advisors Meeting, *Iolani Suite 4 – 5, 20 Hollow Square*
- 7:00 pm – 9:00 pm Board of Directors Dinner, *Honolulu Suite 60, Rounds of 10, Hosted Bar*

TAMU 44 DREDGING SEMINAR

Opening Ceremonies, *Tapa Ballroom 1, 250 Class Room*

Monday, August 26: 8:00 am – 9:15 am

- | | | | |
|---------|---|---------|---|
| 8:00 am | – | 8:15 am | Opening Remarks
Robert Wetta (WEDA President/DSC Dredge, LLC) |
| <hr/> | | | |
| 8:15 am | – | 8:45 pm | Welcoming Remarks – Corps of Engineers & Hawaii/Pacific Islands
Col. Gregory Gunter (U.S. Army Corps of Engineers, Pacific Ocean Division Deputy Commander, Hawaii) |
| <hr/> | | | |
| 8:45 am | – | 9:15 am | Local Keynote – Dredging/Maritime Affairs in Hawaii
Chris Takashige (Oahu Department of Design and Construction) |
| <hr/> | | | |
| 9:15 am | – | 9:30 am | Coffee Break, <i>Tapa Ballroom 2 – 3, Exhibit Hall</i> |

Monday

TAMU 44 DREDGING SEMINAR – SESSIONS

Monday, August 26: 9:30 am – 12:00 pm, *Tapa Ballroom 1, 250 Class Room*

Session 1: Advances in Dredging – I

Chair: Robert Randall, Texas A&M University

9:30 am – 10:00 am ***Dredging Research and Education at the Center for Dredging Studies***

Robert Randall (Texas A&M University)

10:00 am – 10:30 am ***Pawnee II, A Modern Dustpan Dredge***

Robert Wetta (DSC Dredge, LLC)

Kendall Christensen and Brad Morton (Loup Power District)

10:30 am – 11:00 am ***Coffee Break, Tapa Ballroom 2 – 3, Exhibit Hall***

11:00 am – 11:30 am ***Advanced Methods for Surveying of Buried Facilities***

Michael Doble (DAAR Engineering, Inc.)

11:30 am – 12:00 pm ***Lean and Clean Dredging for a Better Future***

Bernadete Goncalves-Castro (MTI Holland BV)

Leo van Ingen (Dredge Technology Corporation)

Marcel Boor and Sergio Ooijens (IHC Merwede BV)

Alex Roosendaal (Training Institute for Dredging)

12:00 pm – 1:00 pm ***Lunch, Tapa Ballroom 2 – 3, Exhibit Hall***

Monday

TAMU 44 DREDGING SEMINAR – SESSIONS

Monday, August 26: 1:00 pm – 5:00 pm, Tapa Ballroom 1, 250 Class Room

Session 2: Advances in Dredging – II

Chair: Robert Randall, Texas A&M University

- 1:00 pm – 1:30 pm ***Dredge Pump Design Evolution at SPI/Mobile Pulley Works***
Martin Hanrath and Philip Nettles (SPI/Mobile Pulley Works, Inc.)
- 1:30 pm – 2:00 pm ***Tests of Alternative Fuels to Reduce Fossil Fuel Use in Corps of Engineers' Floating Plant Operations***
Timothy Welp and Michael Tubman (U.S. Army ERDC)
Nicholas Gysel, Bill Welch, and J. Wayne Miller (Center for Environmental Research and Technology)
Robert Leitch (U.S. Army Corps of Engineers)
Ryan Immel (U.S. Army EMDC)
- 2:00 pm – 2:30 pm ***Placement and Reuse of Dredge Sediment: Using Science to Avoid a Dredging and Reuse Crisis***
Jeff Wingfield (Port of Stockton)
Mark O'Brien (Environmental Risk Services Corp.)
- 2:30 pm – 3:00 pm ***Estimating Production and Booster Pump Location for Long Distance Pumping***
Robert Randall and P. Yeh (Texas A&M University)
- 3:00 pm – 3:30 pm ***Coffee Break, Tapa Ballroom 2 – 3, Exhibit Hall***
- 3:30 pm – 4:00 pm ***Application of Water-based Hydraulic Systems on Dredge***
Todd Olson (BOC Water Hydraulics, Inc.)
Vinton Bossert (U.S. Army Corps of Engineers)
- 4:00 pm – 4:30 pm ***Automatic Identification System (AIS) Data Integration and Quality Analysis for Commercial Vessel and Commodity Movements***
James Smith and Thomas Verna (U.S. Army Corps of Engineers, Institute for Water Resources)
- 4:30 pm – 5:00 pm ***Environmentally Acceptable Lubricants (EALs) for Use in Water Boundary Propulsion Systems***
James Kovanda and Mark Latunski (American Chemical Technologies, Inc.)

Monday

WEDA 33 TECHNICAL CONFERENCE

Schedule

Tuesday, August 27, 2013

6:00 am – 5:00 pm	Exhibits, <i>Tapa Ballroom 2 – 3, Exhibit Hall</i>
6:30 am – 5:00 pm	Registration, <i>Palace Lounge</i>
6:30 am – 7:30 am	Hosted Breakfast, <i>Tapa Ballroom 2 – 3, Exhibit Hall</i>
7:30 am – 9:00 am	Spouses Breakfast, <i>Iolani Suite 6, 25 Rounds of 10</i>
9:00 am – 3:00 pm	Spouses Honolulu City Tour
8:30 am – 12:00 pm	Technical Sessions Session 3: Dredging Case Studies – I, <i>Tapa Ballroom 1, 250 Class Room</i> Session 4: Environmental Remediation, <i>Honolulu Suite, 125 Class Room</i>
10:00 am – 10:30 am	Coffee Break, <i>Tapa Ballroom 2 – 3, Exhibit Hall</i>
12:00 pm – 1:30 pm	Hosted Lunch, <i>Coral Ballroom 4, 225 Plated Rounds of 10</i> Naval History of Hawaii <i>Luncheon Speaker – U.S. Navy, Hawaii</i> Annual Membership Meeting: President’s Report
1:30 pm – 3:00 pm	Technical Panel Session 5: WEDA Safety Commission Panel, <i>Tapa Ballroom 1, 250 Class Room</i>
3:00 pm – 3:30 pm	Coffee Break, <i>Tapa Ballroom 2 – 3, Exhibit Hall</i>
3:30 pm – 5:00 pm	Technical Panel Session 6: Environmental Issues in Hawaii and the Pacific Islands, <i>Tapa Ballroom 1, 250 Class Room</i>
7:00 pm – 10:00 pm	Conference Dinner/Awards, Coral Ballroom 4, 225 Plated Rounds of 10 <ul style="list-style-type: none">– <i>Most Eye Appealing Booth Award</i>– <i>Most Educational Booth Award</i>– <i>Safety Award</i>– <i>Life Time Achievement Award</i>– <i>Dredger of the Year Award</i>– <i>WEDA Environmental Excellence Awards</i>

Tuesday

WEDA 33 TECHNICAL CONFERENCE – SESSIONS

Tuesday, August 27: 8:30 am – 12:00 pm, *Tapa Ballroom 1, 250 Class Room*

Session 3: Dredging Case Studies – I

Chair: Robert Ramsdell, Great Lakes Dredge & Dock Company

- 8:30 am – 9:00 am ***Sediment Management Strategies and Entrance Channel Maintenance at the Hawaii Kai Marina, Oahu***
Michael Whelan, Jack Malone, and Tracy Stofferahn
(Anchor QEA, LLC)
Rob Walker (Moffatt and Nichol Engineers)
- 9:00 am – 9:30 am ***Port of Seattle Maintenance Dredging Program Management***
Catherine Chu (Port of Seattle)
- 9:30 am – 10:00 am ***Expedited Sediment Sampling for a New Work Project: Charleston Harbor Post 45 103 Evaluation***
Christine Smith, Terence Cake, Nadia Lombardero, Michelle Rau, and Paul Berman (ANAMAR Environmental Consulting, Inc.)
Alan Shirey (U.S. Army Corps of Engineers)
- 10:00 am – 10:30 am *Coffee Break, Tapa Ballroom 2 – 3, Exhibit Hall*
- 10:30 am – 11:00 am ***Florida Inland Navigation District Broward County Deepening Project Dredging Challenges: Update on the Dredging of the Intracoastal Waterway, Dania Cutoff Canal, and the New River in Broward County***
Robert Wagner, Lori Brownell, and John Adams (Taylor Engineering)
- 11:00 am – 11:30 am ***Hydrilla Impacts on Navigational and Flood Control Maintenance Dredging***
Kendrick Jaglal, Douglas Crawford, Stephen Anagnost, and Anthony Eallonardo, Jr. (O'Brien & Gere Engineers, Inc.)
- 11:00 am – 12:00 pm ***Beneficial Use of Dredged Contaminated Sediments Using Geotextile Tube Technology at a Container Port in Santos, Brazil***
Thomas Stephens (TenCate)
L. C. Q. C. Melo (Allonda Geossinteticos Ambientais)
- 12:00 pm – 1:30 pm *Hosted Lunch, Luncheon Speaker, and WEDA Membership Meeting, Coral Ballroom 4, 225 Plated Rounds of 10*

Tuesday

WEDA 33 TECHNICAL CONFERENCE – SESSIONS

Tuesday, August 27: 8:30 am – 12:00 pm, Honolulu Suite, 125 Class Room

Session 4: Environmental Remediation

Chair: Walter Dinicola, Anchor QEA, LLC

8:30 am – 9:00 am ***Development of Sediment Management Strategy for Implementing a Regional Remediation Program at the Ports of Long Beach and Los Angeles***

Matthew Arms (Port of Long Beach)
Kathryn Curtis (Port of Los Angeles)
Steve Cappellino and Shelly Anghera (Anchor QEA, LLC)

9:00 am – 9:30 am ***Bank Stabilization Approaches for Remedial Dredging Projects***
Stephen Garbaciak Jr., Ram Mohan, Clay Patmont, Paul Doody, and Ryan Davis (Anchor QEA, LLC)

9:30 am – 10:00 am ***Case Study Highlighting the Challenges of Construction, Management, and Monitoring of a Confined Aquatic Disposal (CAD) Site in a Busy Commercial Port***

Alan Fowler, David Moore, and Victor Magar (ENVIRON)
Thomas Fredette (U.S. Army ERDC)

10:00 am – 10:30 am *Coffee Break, Tapa Ballroom 2 – 3, Exhibit Hall*

10:30 am – 11:00 am ***The Future of Remediation at Contaminated Sediment Sites: How Dredge Companies are Evolving to Meet the Current Challenge***

George Hicks (CH2M HILL)
Glenn Green (J.F. Brennan Co., Inc.)
Mike Crystal (Sevenson Environmental Services, Inc.)

11:00 am – 11:30 am ***The Use of Confined Aquatic Disposal Sites as Part of a Regional Sediment Management Solution with a Focus on the Unique Conditions in the Pacific***

Steve Cappellino, Andrew Martin, Michael Whelan, and Walter Dinicola (Anchor QEA, LLC)

11:30 am – 12:00 pm ***Complexities of Permitting a Waterfront Remediation and Restoration Project in California***

Bridgette DeShields (Integral Consulting, Inc.)
Brooke Bonkoski and Alex Francisco (ARCADIS US, Inc.)

12:00 pm – 1:30 pm *Hosted Lunch, Luncheon Speaker, and WEDA Membership Meeting, Coral Ballroom 4, 225 Plated Rounds of 10*

Tuesday

WEDA 33 TECHNICAL CONFERENCE – SESSIONS

Tuesday, August 27: 1:30 pm – 3:00 pm, Tapa Ballroom 1, 250 Class Room

Session 5: WEDA Safety Commission Panel: *Simply Safety – Workers, Awareness, Success*

Chair: Thomas Verna, U.S. Army Corps of Engineers/Chair, WEDA Safety Commission

1:30 pm – 3:00 pm **Panelists**

Now for the Real Story: How Multiple Cause Incident Analysis Drives Safety Truth-Telling—and Targeted Safety Improvement

Julie Hile (Hile Group)

Bill Hansen (Great Lakes Dredge & Dock Co.)

Updates on Recent Safety Issues:

Revisions to USACE Safety Manual, Floating Cranes, and Submerged Pipelines

Thomas Verna (US Army Corps of Engineers)

3:00 pm – 3:30 pm ***Coffee Break, Tapa Ballroom 2 – 3, Exhibit Hall***

Tuesday
Tuesday, August 27: 3:30 pm – 5:00 pm, Tapa Ballroom 1, 250 Class Room

Session 6: Environmental Issues in Hawaii and the Pacific Islands

Chair: Craig Vogt, Consultant/Chair, WEDA Environmental Commission

3:30 pm – 5:00 pm **Panelists**

Watershed Protection Actions Protecting Maunalua Bay on Oahu

Rae DeCoito (Malama Maunalua)

Potential Impacts on Dredging of the Listing of 59 Endangered Corals

Lance Smith (NOAA)

Essential Fish Habitat and Potential Impacts on Dredging

Danielle Jayewardene (NOAA)

Nature Conservancy's Actions in Coral Reef Restoration in the Pacific Islands

Erik Conklin (The Nature Conservancy of Hawai'i)

WEDA 33 TECHNICAL CONFERENCE

Schedule

Wednesday, August 28, 2013

6:00 am	–	10:30 am	Registration, <i>Palace Lounge</i>
6:00 am	–	10:30 am	Exhibits, <i>Tapa Ballroom 2 – 3, Exhibit Hall</i>
6:30 am	–	7:30 am	Hosted Breakfast, <i>Tapa Ballroom 2 – 3, Exhibit Hall</i>
8:00 am	–	10:00 am	Spouses Breakfast, <i>Iolani Suite 6, 25 Rounds of 10</i>
8:30 am	–	12:00 pm	Technical Sessions Session 7: Sediment Management, <i>Tapa Ballroom 1, 250 Class Room</i> Session 8: Dredging Case Studies – II, <i>Honolulu Suite, 125 Class Room</i>
10:00 am	–	10:30 am	<i>Coffee Break, Tapa Ballroom 2 – 3, Exhibit Hall</i>
12:00 pm	–	12:45 pm	Closing Session, Tapa Ballroom 1, 250 Class Room

WEDA 33 TECHNICAL CONFERENCE – SESSIONS

Wednesday, August 28: 8:30 am – 12:00 pm, *Tapa Ballroom 1, 250 Class Room*

Session 7: Sediment Management

Chair: Marcel Hermans, Port of Portland

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- 8:30 am – 9:00 am ***Gladstone Western Basin Dredging Case Study***
Andrei Souto, Michel de Vos, and Phil Sharpe (Gladstone Port Corporation)
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- 9:00 am – 9:30 am ***Can Strategies for Coastal Habitat Restoration and Sediment Management Coexist in the Face of Global Climate Change?***
David Moore, Richard Wenning, Paul Goldsworthy, and Simon Gaskell (ENVIRON)
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- 9:30 am – 10:00 am ***Strategic Sampling and Analytical Sequencing to Optimize Dredging Options in Navigational Areas Challenged by Legacy Contaminants***
Scott Bodensteiner and Ian Bruce (Weston Solutions)
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- 10:00 am – 10:30 am *Coffee Break, Tapa Ballroom 2 – 3, Exhibit Hall*
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- 10:30 am – 11:00 am ***Challenges of Sediment Remediation and Residuals Management at Esquimalt Graving Dock, Vancouver Island, British Columbia***
Dan Berlin and Tom Wang (Anchor QEA, LLC)
Andrew Mylly (Public Works & Government Services Canada)
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- 11:00 am – 11:30 am ***South Slip Remediation – Management of Impacted Sediment by Use of a Sorptive Cap***
Eric Hritsuk, Greg Vanderlaan, Heather VanDewalker, Mark Gravelding, and Todd Cridge (ARCADIS US, Inc.)
Ferdinand Alido and E. Ardiente (Navistar, Inc.)
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- 11:30 am – 12:00 pm ***Entrance Channel of Yangzhong Port of the Zhenjiang Port (Jiajiang) Management and Control Plan***
Biao Li, Fan Tong, LiHong Yang, and Li Zheng (Changjiang Waterway Planning Design and Research Institute)

Wednesday

WEDA 33 TECHNICAL CONFERENCE – SESSIONS

Wednesday, August 27: 8:30 am – 12:00 pm, Honolulu Suite, 125 Classroom

Session 8: Dredging Case Studies – II

Chair: Catherine Chu, Port of Seattle

8:30 am – 9:00 am **St. Johns River Water Management District: Dredging Feasibility Newton Park, Lake Apopka at Winter Garden, Florida**
Robert Wagner, Keith Knight, and John Adams (Taylor Engineering)

9:00 am – 9:30 am **Practical Claims Avoidance Techniques: How to Prevent Excess Costs and Unnecessary Delay on Dredging Projects**
Lisa Glahn (Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.)
John DeRuggeris (CLE Engineering, Inc.)

9:30 am – 10:00 am **New Ladder Pump Dredges to Combat Severe Flooding Problems in Bangladesh**
John DeNuto (Ellicott Dredges, LLC)

10:00 am – 10:30 am *Coffee Break, Tapa Ballroom 2 – 3, Exhibit Hall*

10:30 am – 11:00 am **Research on Waterway Regulation Measure of the Tuqiao River Reach in the Lower Reaches of the Yangtze River**
Ling Jiang, Cheng Tao Huang, Lin Liu, and L. H. Yang (Changjiang Waterway Planning Design and Research Institute)

11:00 am – 11:30 am **Geotextile Tubes as Economical and Environmental Replacement of Rockfill for Construction of Polder Dike in Saemangeum Project, Korea**
T. W. Yee and L. K. Lim (TenCate Geosynthetics Asia, Malaysia)
M. Ter Harmsel (TenCate Geosynthetics EMEA, Netherlands)
J. C. Choi (JC Enterprise, Korea)
S. P. Hwang (Woojin ENC Co., Ltd., Korea)

11:30 am – 12:00 pm **St. Johns River Water Management District Preliminary Design, Data Collection, and Dredging Assessment, Eau Gallie River and Elbow Creek Muck Dredging Feasibility Study, Melbourne, Florida**
Robert Wagner, Jonathon Armbruster, and John Adams
(Taylor Engineering)

Wednesday

CLOSING CEREMONIES

Wednesday, August 28: 12:00 pm – 12:45 pm, *Tapa Ballroom 1, 250 Class Room*

12:00 pm – 12:10 pm ***Closing Remarks***
Robert Wetta (WEDA President/DSC Dredge, LLC)

12:10 pm – 12:30 pm ***Best Paper Awards***
Ram Mohan (Anchor QEA, LLC)

DSC Dredge, LLC Best Paper Award
Paper best representing the topic “Why is Dredging Good”
Robert Wetta (WEDA President/DSC Dredge, LLC)

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

Anchor QEA Young Author Best Paper Award
Steve Cappellino (Anchor QEA, LLC)

12:30 pm – 12:45 pm ***Door Prizes***
Larry Patella (WEDA)

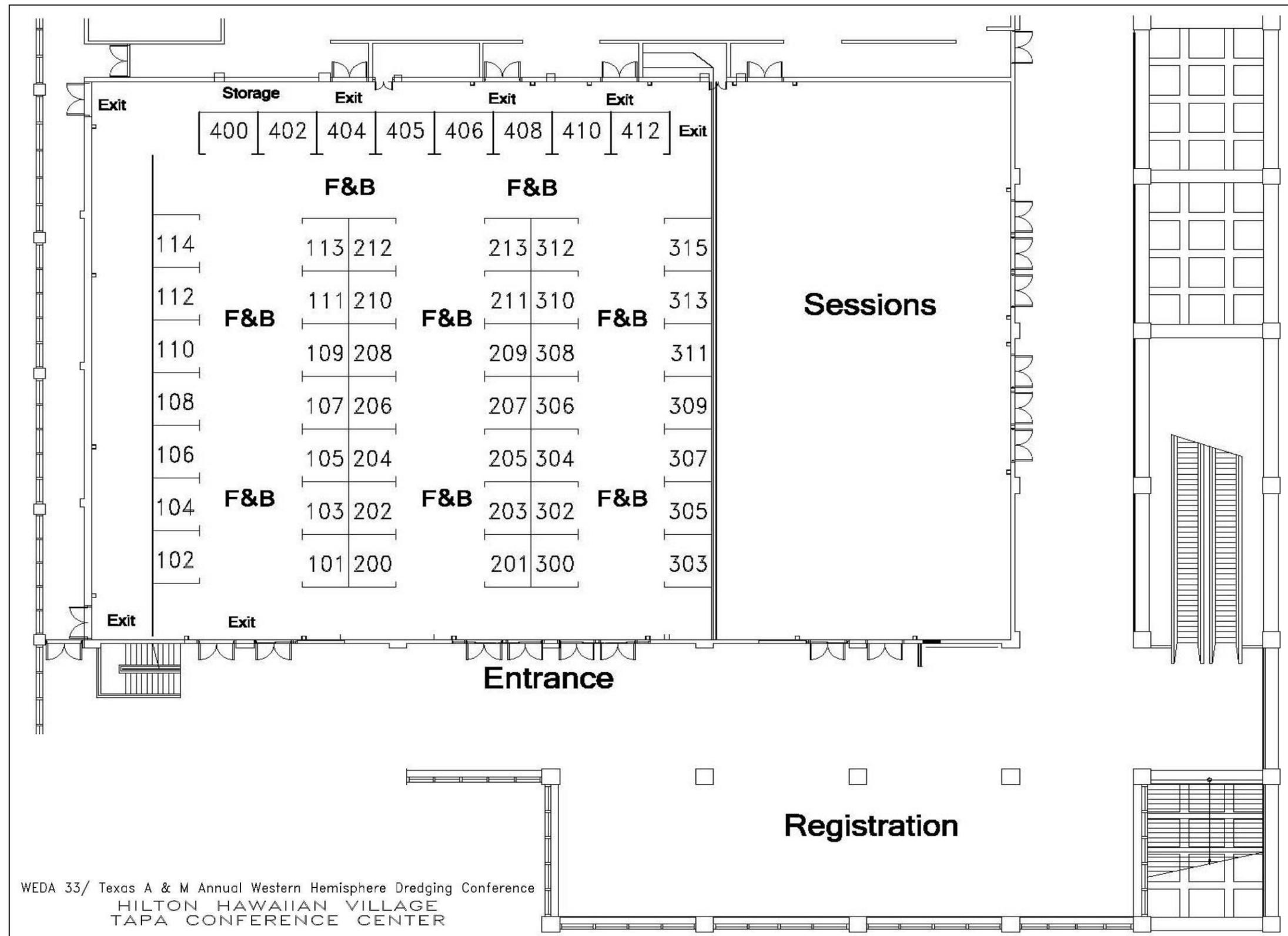
Wednesday

PRIOR WEDA CONFERENCES

Western Hemisphere Conferences

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

EXHIBITORS FLOOR PLAN



- 101. SpiraXSarco
- 103. HYPack, Inc.
- 104. Conrad Blucher Institute TAMUCC
- 109. AECOM
- 111. International Dredging Review
- 113 & 212. AMPHIBEX
- 200. Anamar Environmental Consulting
- 201. Neptune Flotation
- 202. Dredge Technology Corp.
- 204. CSA Ocean Services
- 205. Dredging Supply Company
- 207. Western Dredging Association
- 208. Aqua Survey, Inc.
- 209. AML Oceanographic
- 211. Ryzhka International, LLC
- 213. Ellicott Dredges, LLC
- 300. America Chemical Technologies
- 300 & 305. Cable Arm
- 304. Del Tank & Filtration Systems
- 306. Western Dredging Association
- 308. BOC Water Hydraulics
- 309. Division of Superior Energy Services, Inc.
- 310. Rain for Rent
- 311. EA Engineering, Science & Technology
- 312. Tencate Geo Tube
- 315. Snyder Industries, Inc.
- 400. Higgs Hydrographic Tek
- 405. Empco-lite
- 412. Teledyne Reson, Inc.