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Monday December 9, 2007

Session 1 – 9:00 AM- 10:00 AM -- Dredging History and Policy in Brazil

Chair – Hildebrando Filho, DRHIMA Federal University of Rio de Janeiro, Brazil

9.00-9.30 AM **Pioneer Dredging Projects in the Bay of Guanabara” – A. P. Cunha, Civil Engineer, Terpass, Brazil**

9.30-10.00 AM **Port’s Authority’s Regulations in Dredging Activity - G. Sobrinho, Management of Ports and Coasts, Brazilian Marine Authority, Brazil**

Session 2A – 10:30-12:00 Planning Dredging Projects

Chair – Ram Mohan, Anchor Environmental LLC, USA

10.30-11.00 AM **Planning and Execution of Dredging Works – H. Filho, DRHIMA Federal University of Rio de Janeiro, Brazil**

11.00-11.30 AM **Typical Dredging Practices in the United States – R. Randall, Texas A&M University, USA**

11.30-12.00 PM **Policy Operations for the Development of Dredging Activities in Brazil – E. Fadda, CENTRAN, Brazil**

Session 2B –10.30AM -12.00 PM Environmental Aspects of Dredging and Disposal – I

Chair - Paulo Rodriguez, ABD-WEDA Brazil

10.30-11.00 AM **Strategy and Environmental Criteria Applied in the Definition of Ocean Dredge Disposal: The Case of the Port of Ubu, Anchieta – Espírito Santo – M. Torronteguy, M. M. Travassos, and H. C. Junior, Brazil**

11.00-11.30 AM **Sepeitaba Bay Port Access Channel and Harbour Basin Dredging and Reclamation Work – J. Kok, Boskali/Deme and R. Verhoeven, CSA ThyssenKrupp, Brazil**

ThyssenKrupp CSA Steel Plant
ThyssenKrupp CSA Project

11.30-12.00 PM **Navigation Issues on the Amazon North Channel – S. Vinzon, Federal University of Rio de Janeiro, Brazil**

Session 3A – Environmental Aspects of Dredging and Disposal – II

Chair – Robert Randall, Texas A&M University, USA

1.30-2.00 PM **Impact of Environmental Restrictions on Dredging Projects – W. Hanson, Great Lakes Dredge and Dock Company, USA**

2.00-2.30 PM **CAD Pit Design and Long-Term Risks for Contaminated Dredged Material at Piaçaguera Canal, Brazil - Paul R. Schroeder, T. D. Borrowman, S. A. Pranger, U.S. Army Engineer Research & Development Center, USA**

2.30-3.00 PM **Short-Term Risks Associated with Confined Aquatic Disposal of Contaminated Dredged Material at Piaçaguera Canal, Brazil – J. Z. Gailani, P. R. Schroeder, S. T. Maynard, T. D. Borrowman, R. D. Heath, G. R. Lotufo, S. E. Bailey and K. Martin, U.S. Army Engineer Research & Development Center, USA**

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Session 3B –1:30 – 3:00 PM - Dredging Monitoring/Modeling

Chair: M. Torronteguy, Brazil

- 1.30-2.00 PM** *Dredging Monitoring Systems for Marine Excavators: Existing Technology and Future Developments* – A. Kempkes, USA
- 2.00-2.30 PM** *Monitoring of the Turbidity Plumes Generated During Disposal of Dredged Material in Open Sea/Open Water* – M. M. Travassos; C. A. Schetinni; A. Pasolini and M. Torronteguy; CEPEMAR; Av., Brazil
- 2.30-3.00 PM** *Modeling of Dredged Material Disposal in Antonina and Paranaguá Bays*- A.C.R. Lammardo, M.R.F. Guimarães, R.B. da Rocha, E.B. Boldrini; Applied Science Associates, Brazil

Session 4A – 3.30PM -5.00 PM - Management of Contaminated Sediments

Chair – Philip Spadaro, ARCADIS

- 3.30-4.00 PM** *A Risk Management Case Study: Selecting an Effective Risk-Based Remedial Alternative for Contaminated Sediments* - J. Holder, N. Bullard, ARCADIS BBL; P. White, CH2M HILL; D. Michael, Neptune & Co; H. Thurston, Battelle; M. Parker, U.S. Navy; USA
- 4.00-4.30 PM** *Past and Future Trends in Environmental Dredging Projects* – R. Mohan, Anchor Environmental LLC, USA
- 4.30-5.00 PM** *Thea Foss Waterway Remediation Project: An Example of the Risk-based, Multi-Technology Approach to Contaminated Sediment Management* – P. Spadaro, ARCADIS BBL and M. Henley, City of Tacoma, USA

Session 4B – 3.30PM -5.00 PM - Dredging Tools and Projects - I

Chair: Paulo Rafael, Vale do Rio Doce, Brazil

- 3.30-4.00 PM** *Modeling of Dredged Material Disposal in Antonina and Paranagua Bays*- A.C.R. Lammardo, M.R.F. Guimaraes, R.B. da Rocha, E.B. Boldrini; Applied Science Associates, Brazil
- 4.00-4.30 PM** *Dredging in Port of Tubarão*- P. Rafael, Companhia Vale do Rio Doce, Brazil
- 4.30-5.00 PM** *Inner Harbor Navigation Canal Dredging Project, New Orleans* – L. Guilherme, U.S. Army Corps of Engineers, USA

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Tuesday December 11, 2007

Session 5 – 8:30 AM –10:00 AM – Dredging Tools and Projects - II

Chair: Paulo A. Grassmann, Brazil

- 8.30-9.00 AM *Geotextile Tube Designs, Applications and Case Histories* – J. Fowler, Geotech Associates, USA
- 9.00-9.30 AM *Versatile Applications of Hydraulic Dredges* – R. Wetta, Dredging Supply Company, USA
- 9.30-10.00 AM *The Use of Direct Hydraulic Propulsion in Dredging*- P. A. Grassmann; Hagglands, Brazil
- Cutter Suction Dredger – Beaver (IHC)
Hagglands

Session 6 – 10:30 AM – 12:00 Noon - Dredging and Ecology

Chair – RM Pinotti, Brazil

- 10.30-11.00 AM *An Update on Dredging Impacts on Sea Turtles in the Southeastern USA: A Historical Review of Protection and an Introduction to the USACE Sea Turtle Data Warehouse* – D. Dickerson and D. Pommer, U.S. Army Corps of Engineers, USA
- 11.00-11.30 AM *Benthic Community Evaluation under Dredging Stress Condition in the Harbor of Rio Grande, Southern Brazil* – R.M. Pinotti, C.E. Corradi, and C.E. Bemvenuti, Brazil

Wednesday December 12, 2007

Session 7 – 9 AM – 12:00 Noon WEDA Environmental Commission Panel

Chair: Craig Vogt, US Environmental Protection Agency USA

- 9.00-9.30 AM *Testing and Evaluation of Dredged Material Disposal in Open Water or On Land* – T. Fredette, U.S. Army Corps of Engineers, USA
- 9.30-10.00 AM *International Guidelines for Environmental Assessment of Dredged Material Under the IMO's London Convention* – C. Vogt, U.S. Environmental Protection Agency, USA
- 10.30-11.00 AM *Key Factors in Designation of Ocean Disposal Sites for Dredged Material* – T. Fredette, U.S. Army Corps of Engineers, USA
- 11.00-11.30 AM *WEDA's Environmental Commission: Environmental Issues and Dredging – Working Together to Get the Job Done!* – Open Panel Discussion – Lead – C. Vogt, USA - Panel Members – R. Torres, Brazil; T. Fredette, USA; P. Spadaro, USA; W. Hanson, USA. **Panel Discussion so there are no power point presentations available in proceedings.**