



**Third International Workshop on
State of the Art, Science, and Reliability of Underwater Welding, Inspection & Technology**

Sheraton Suites Houston (Galleria) • Houston, Texas • November 17-19, 2010

A workshop to examine the development in underwater welding and inspection since 1994 and to define the state of the engineering and practice of underwater welding and inspection of fixed and floating marine structures and pipelines is to be held between November 17 and 19, 2010 in Houston, Texas. Co-sponsored by the Bureau of Ocean Energy Management, Regulation, and Enforcement (BOEMRE), Pipeline & Hazardous Materials Safety Administration (DOT-PHMSA) and American Bureau of Shipping (ABS Americas), the workshop has the main objective of identifying technical and nontechnical barriers that hinder the full utilization of underwater welding in repair and maintenance of existing structures and pipelines, and construction of new units. The workshop will involve international corporate and government leaders, structural design specialists, welding engineers, inspectors and practitioners representing all aspects of underwater welding, inspection and reliability of the repaired structures and pipelines. In addition to supporting remarks and themed presentations to be given by leaders in the field, several plenary lectures will be presented by world renowned specialists; case studies to demonstrate successful deployment of underwater welding and continued performance of these structures will also be presented by experienced practitioners in underwater welding and inspection. The main focus of the workshop will be conducted through six working groups each led by renowned industrial or academic experts. These working groups are:

1. Impact of Material Quality Control on Underwater Welding, Inspection and Reliability
2. Standards & Certification - Differences between the 1999 D3.6 U/W Welding Specification and the 2010 U/W Welding Code 5th edition
3. Wet and Habitat Welding Consumables Development
4. Education/Training/Certification of Welding & Inspection Personnel
5. Performance and System Reliability of Underwater Welds made to AWS D3.6, including Wet Welds
6. Risk-based Inspection, NDT Performance Demonstration Initiatives (PDIs), and underwater MPI in API RP 2X Standard

The findings of the workshop will be documented in a hardbound archival book and on electronic media. The proceedings book will prioritize problems and challenges for furthering underwater welding applications and identified opportunities for research and development. American Welding Society and American Society of Nondestructive Testing are also co-sponsoring this event. The Organizing Committee is seeking additional industrial sponsorship for this significant event. For more detailed information regarding programming, registration, participation, and sponsorship, please access:

<http://csmospace.com/uwit/>

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Additional Support • American Welding Society (AWS) • American Society for Nondestructive Testing (ASNT)