

Schedule

2010

State of the Art, Science, and Reliability of Underwater Welding and Inspection Technology

	Nov 16	Wednesday • Nov 17	Thursday • Nov 18	Friday • Nov 19	
7:30					7:30
8:00			Announcements and Housekeeping	Announcements and Housekeeping	8:00
8:15		Registration	Theme Paper IV • <i>Training and Certification Requirements for Underwater Welding and Inspection Personnel</i> • Jack Couch - Diving Technical Manager - Oceaneering International, Inc.	Plenary Presentation • <i>Fitness for Service of Underwater Welds</i> • Pingsha Dong - Northrup Grumman Chair - University of New Orleans	8:15
8:40			Theme Paper V • <i>System Integration for Underwater Welding & Inspection</i> • David Olson et al.		8:40
9:00			Theme Paper VI • <i>Development of Risk Based Inspection for Underwater Welding</i> • Larry Goldberg - Owner - SeaTest Services		9:00
9:30		Welcome		Plenary Presentation • <i>NonDestructive Evaluation in Underwater Environment</i>	9:30
9:45		Supporting Remarks I • B.J. Kruse III - Chief, Office of Structural and Technical Support - BOEMRE	Refreshment Break		9:45
10:00		Supporting Remarks II • Peter Tang-Jensen - VP of Technology, ABS	Plenary Presentation • <i>Hyperbaric Welding</i> • Ian Richardson, Delft University of Technology	Refreshment Break	10:00
10:15		Supporting Remarks III • Joe Fowler - President - Stress Engineering			10:15
10:30		Refreshment Break			10:30
10:45		Theme Paper I • <i>Material Quality Concerns for Underwater Welding and Inspection and Reliability</i> • Marcus Cridland - ABS Assistant Chief Engineer & Chief Metallurgist		Working Group Report	10:45
11:10		Theme Paper II • <i>Underwater Welding & Inspection Codes</i> • Rodger Holdsworth - Chevron PreOps BB SERIP, Chuandongbei Project	Working Groups I - VI		11:10
11:30				Panel of Working Group Chairs Q&A	11:30
11:35		Theme Paper III • <i>Consumables for Underwater Welding</i> • Valter Rocha - PUC of Rio de Janeiro/Petrobras			11:35
11:45			Group Photograph		11:45
12:00		Lunch Plenary Speaker <i>Performance of Underwater Weld Welds - Case Studies</i> • Tom Reynolds - Manager of Technical Services - Global Divers & Contractors	Lunch Plenary Speaker <i>Underwater Welding at Deeper Depths for Submarine Rescue</i> • Rob Murray - U.S. Navy Ship Husbandry, APM Diving and Platform Operations	Closing	12:00
12:30					12:30
1:30		Working Group Introduction	Working Groups I - VI		1:30
2:00		Working Groups I - VI	Working Groups I - VI		2:00
3:30		Refreshment Break	Refreshment Break		3:30
3:45		Working Groups I - VI	Working Group I - VI		3:45
5:00					5:00
5:30		Exhibit & Reception	Exhibit		5:30
6:30					6:30
7:00					7:00
8:00					8:00

Registration • 1:00 PM - 5:00 PM
(Optional ASNT Exhibit Visit - Complimentary Passes)

Co-Leaders of Working Groups

- Working Group 1** *Impact of Material Quality Control on Underwater Welding, Inspection and Reliability* • Tom Myers – ABS, Tony Rallis – PHMSA, Kirk Brownlee – Stress Engineering, Don Drake – ExxonMobil
- Working Group 2** *Standards & Certification - Differences between the 1999 D3.6 U/W Welding Specification and the 2010 U/W Welding Code 5th edition* • Rodger Holdsworth - Chevron, Mike Wheatcroft – ABS, Tom West - Consultant
- Working Group 3** *Welding Processes and Wet and Habitat Welding Consumables Development* • Valter Rocha – PUC, Rio de Janeiro, Alexandre Bracarense – UFMG-LRSS, Tom Reynolds – Global Divers & Contractors, Tom West – Consultant
- Working Group 4** *Education/Training/Certification of Welding & Inspection Personnel* • Jack Couch – Oceaneering, Tom Reynolds – Global Divers & Contractors, Brian McGrath – AWS, Yeong-do Park
- Working Group 5** *Performance and System Reliability of Underwater Welds made to AWS D3.6, including Wet Welds* • Faustino Perez – IMP, Pingsha Dong - UNO
- Working Group 6** *Risk-based Inspection, NDT Performance Demonstration Initiatives (PDIs), and underwater MPI in API RP 2X* • Larry Goldberg – Sea Test Services