

MARINE TECHNOLOGY SOCIETY

HOUSTON SECTION

ISSUE 9/2010



marine technology SOCIETY

Opportunity runs deep™

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SEPTEMBER LUNCH PRESENTATION

DATE:

Thursday, September 23, 2010

11:30 am - Registration

11:45 am.- Lunch

1:00 pm - Meeting Concludes

LOCATION

Pelazzio (Westheimer/West Houston)

12121 Westheimer

Houston, TX 77077

COST:

Members with reservations: \$30.00

Non members with reservations: \$35.00

Walks in: \$50.00

RESERVATIONS/CANCELLATIONS

On-line: www.mtshouston.org

e.mail: mtsh@mtshouston.org

Registration will close 5:00 pm

September 21, 2010.

NEXT EVENT - THURSDAY SEPTEMBER 23, 2010

GULFSTREAM: CHALLENGES ASSOCIATED WITH CONSTRUCTION OF A LARGE OFFSHORE TRANSMISSION PIPELINE

When the Gulfstream Natural Gas System, L.L.C. pipeline expansion project was initiated in the late 1990's, Florida was considered to have one of the fastest growing populations in the country. With only one interstate pipeline operating in Florida at that time, Williams seized on the opportunity to tap into a growing market for natural gas and introduce competition within Florida.

The result was a \$1.5 billion project to deliver supplies of natural gas from the Mobile Bay area to the state of Florida. Facilities included 437 miles of 36-inch diameter high pressure pipeline across the Gulf of Mexico, as well as 150 miles of onshore facilities connecting Mississippi and Alabama to Florida.

When the Gulfstream pipeline system went into service in May 2002, its diameter and length gave it the distinction of being the largest pipeline in the Gulf of Mexico. This status was well-earned given the massive coordination effort required to handle the large quantities of pipe and the activity of dozens of contractors and subcontractors, vessels and 150 company personnel all working simultaneously in different regions across the Gulf.

Furthermore, this was the first natural gas pipeline in the eastern Gulf of Mexico and the first to make a shore approach into Florida. With its unprecedented scope numerous regulatory and environmental hurdles had to be addressed and accommodated. The geology of the sea bottom and environmentally sensitive features of the eastern Gulf led to design and installation solutions that were not typical of other Gulf of Mexico pipeline projects.

On **September 23**, Michael Kologinczak, Senior Engineer with Williams will provide an overview of the project. His presentation will focus on the design and construction challenges encountered and considerations necessary for the successful completion of the Gulfstream pipeline.



Michael will also discuss the various and unique steps taken by Williams to minimize and mitigate environmental impact from the pipeline construction. *Committed to responsible energy development, Williams is an integrated natural gas company that produces, gathers, processes and transports natural gas to heat homes and to power electric generation plants across the US.*

ABOUT THE SPEAKER

Michael Kologinczak holds a Civil Engineering degree from Texas A&M University and is currently a Senior Engineer with Williams and a Professional Engineer in the state of Texas. Michael has worked in Williams' gas pipeline business unit for 14 years. During that time he has supported onshore and offshore pipeline projects in various departments, including survey, construction, operations and pipeline design. His current responsibilities include project management for capital expansion of pipeline, meter station and storage facilities along the gulf coast and northeastern states.

Prior to supporting the initial Gulfstream offshore project, Michael Kologinczak worked on design of the Buccaneer Gas Pipeline system, a competing offshore transmission pipeline to serve Florida, which was never constructed. When the Buccaneer was acquired by Williams, Kologinczak transitioned onto the development of the Gulfstream system.

SPONSORS - CORPORATE



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ANNUAL BARBECUE - October 28

This year, our premier fund raiser, the Annual Barbecue, will be hosted by Trelleborg at its 13827 West Hardy Road facility on October Bring colleagues, customers and spouses. As in the past, there will be refreshments, barbecue, a silent auction, door prizes, exhibits and sponsor recognition.



TRELLEBORG

Sponsorship

Please consider supporting the event with your generous sponsorship:

Diamond - Level 4 - \$4,000

Diamond - Level 3 - \$3,000

Diamond - Level 2 - \$2,000

Diamond - Level 1 - \$1,000

Gold - \$750

Silver - \$500

Bronze - \$250

Sponsors will be recognized on the

DYNAMIC POSITIONING CONFERENCE - October 12-13

Register (and pay) by September 13 to take advantage of the early registration rate of \$450 for MTS members.

The Conference traditionally places a strong emphasis on new technology and this year is no exception with sessions on DP in the Arctic and New Applications, as well as a full session on Quality Assurance. As in the past, there will also be sessions on Design, Sensors, Thrusters and Operations.

Expanded exhibit space will allow a larger number of vendors to display their products and services and network with delegates.

The two-day Conference, which is sponsored by Shell Upstream Americas, and BP North American Arctic Exploration, will include an icebreaker social on the first evening, lunch presentations on both days, an awards ceremony and around 24

OCEANS' 10 - September 20-23

OCEANS'10 MTS/IEEE Seattle will be held in Seattle September 20-23 2010. OCEANS 2010 is the major annual conference that gathers scientists, engineers, policy makers, and goods and services vendors with a singular focus on the world's oceans. Topical research and technology break-

website, in the Announcement and at the bbq.

Exhibit Opportunities

This barbecue offers a great opportunity to showcase your products and services - for the low cost of just \$200, which includes a table and one pass. Exhibit space is selling fast, so register now if you want a table. Tables are assigned on a first-pay basis.

Silent Auction

Please consider making a donation to this year's auction and plan on placing bids yourself.

Registration

Registration for the Barbecue is \$30 for members, non members and guests.

For more information about the barbecue, registration and contacts, please visit the website at www.mtshouston.org/bbq.cfm

technical presentations. Proceeds from the conference will be made available to participants following the event.

Register through the website at www.dynamic-positioning.com.

Dynamic Positioning Conference
2010

ADVANCE PROGRAM

Dynamic Positioning Committee
Marine Technology Society

Westchase Hilton - Houston
October 12-13, 2010

CLICK TO REGISTER

marine technology SOCIETY

throughs are presented along with a large exhibition of company products and services as part of a comprehensive technical program designed to keep ocean scientists and technologists abreast of local, national and international oceans matters. www.oceans10mtsieeseattle.org.

MESSAGE FROM THE CHAIR

By Robert Keith - Chair

Despite a direct involvement in “marine technology” for over 30 years, I cannot help but be amazed at the extraordinary accomplishments that we have recently witnessed and/or in which we have taken part. Thankfully, the blowout at Macondo has been shut in, and as Loren Steffy implied at our August luncheon, without a great deal of comprehension by the general public. Nevertheless, as most of us appreciate, it took numerous technological accomplishments to make it happen.

The mere fact that a dozen or more ROVs were deployed at the same time, in virtually the same place, is a record without precedent, and the list of jobs they carried out is equally impressive. Those of us in the subsea community understand that anything that is done at 2000 feet subsea or deeper has to be accomplished using an ROV, but we have never before seen this level of complexity, nor so much inter-company cooperation.

Of course, all the ROVs in the world can provide nothing without the engineering to devise and build the dozens of tools and pieces, the equipment needed to effect the shut-in, or the trained personnel to operate the ROVs. Once again, this was a novel effort that employed hundreds of engineers from just about all the deepwater contractors in the Gulf as well as many from around the world.

The end result of the blowout and its impact on the industry have yet to be clearly defined as we await the revision of regulations and other criteria that are still being formulated in Washington. I am quite confident that those of us who use and develop marine technology will successfully meet whatever challenges are presented.

Loren Steffy’s presentation last month raised as many questions as answers, not least of which is how we, as an industry, can do a better job of educating both the public and the legislature about the nature of our industry - and our successes as well as our failures.

At our next luncheon presentation on September 23, Mike Kologinczak with



Williams will be discussing the Gulfstream Natural Gas Transmission pipeline and the many regulatory requirements and other obstacles that the company had to overcome to successfully lay the pipeline across an environmentally sensitive area, while minimizing the environmental impact.

While the new pipeline provides millions of Floridians will natural gas, one must ask oneself what is probably a rhetorical question - how many of these customers have any idea of what actually went into the construction of the pipeline, or the tremendous efforts taken by all involved to mitigate any environmental impact?

SERVICES CELEBRATING THE LIFE OF MATTHEW R. SIMMONS

Due to the overwhelming outpouring of sympathy and support, the Simmons' family will hold two separate services to celebrate the life of Matthew R. Simmons; one in Maine for their Maine friends, and one in Houston for all other friends and industry associates.

The Houston celebration of Matthew R. Simmons' life will be held on **Monday, October 4, 2010 at 12:00 noon**, at:

The Museum of Fine Arts, Houston
Caroline Wiess Law Building
Cullinan Hall
1001 Bissonnet Street
Houston, Texas 77006

Matthew R. Simmons, 67, passed away on Sunday, August 8, 2010 in North Haven, ME.

In lieu of flowers the Simmons' family requests contributions be made to Matt's new vision: The Ocean Energy Research Institute, 91 Camden Street, Suite #401, Rockland, ME 04841. Alternatively, donations can be made online at: www.oceanenergy.org.

For additional information please contact Judy Gristwood at (713) 227-0577 (jgristwood@oceanenergy.org) or Shelly Daughtrey at (303) 471-5968 (Sdaugh3687@aol.com).

JOB SEARCHING

Job openings are frequently posted to the MTS Houston website. If you are looking for a position, check out new listings on the website.

To post a job to the site, contact Liz Stansfeld at mtsh@mtshouston.org

About This Announcement

The **MTS Houston Section Announcement** is published monthly (11 issues a year) and distributed electronically and in hard copy format to industry professionals.

Logo sponsorship (\$150 a year) and advertising opportunities are available.

Please send articles and news items about upcoming events to the editor. Deadline for submissions is the first Thursday of the month of issue.

To include your logo, advertise or to receive this Announcement by mail, please send your name, company, address, phone; fax and e.mail address to Liz Stansfeld at mtsh@mtshouston.org.

UPCOMING EVENTS

September 20-23 - OCEANS 2010

September 23 - MTS Houston Luncheon

October 12-13 - DP Conference
www.dynamic-positioning.com

October 28 - Annual Barbecue

November 23-24 - **IMCA Seminar** - Delivering Value to Marine Operations - Dubai, Abu Dhabi
www.imca-int.com/events

December 2 - MTS Houston Luncheon

February 7-9, 2011 - Arctic Technology Conference, Houston -
www.arctictechnologyconference.org

February 22-24, 2011 - Underwater Intervention 2011 - New Orleans
www.underwaterintervention.com

STRUCTURAL ENGINEERS

Structural Engineers are encouraged to attend the Annual State Conference of the Structural Engineers Association of Texas. This year, the annual conference will be held in Corpus Christi at the Omni Bayfront Hotel, October 21-23.

In addition to a golf tournament and icebreaker social on October 21, there will be a day and half of technical sessions, on October 22 and 23.

This is a well-attended annual event at which engineers can expect to earn around 10-12 PDHs. For more information, and online registration, go to <http://www.seaot.org>. Exhibitors are also welcome at the Conference.



marine technology
SOCIETY

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Houston Section MTS
777 N. Eldridge Suite 280
Houston, Texas 77079

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