

# IT ALL TIES BACK TO HERE



SUBSEA TIEBACK FORUM & EXHIBITION  
MARCH 4-6, 2014

HENRY B. GONZALEZ CONVENTION CENTER  
SAN ANTONIO, TEXAS USA

2014 POST SHOW REPORT

[WWW.SUBSEATIEBACKFORUM.COM](http://WWW.SUBSEATIEBACKFORUM.COM)

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The annual Subsea Tieback Forum & Exhibition (SSTB), the largest global exhibition for the subsea engineering industry attracted a record number of 2,870 attendees and 224 exhibitors. The event took place March 4-6, 2014 in San Antonio, Texas at the Henry B. Gonzalez Convention Center. *“IT ALL TIES BACK TO HERE”* was the event theme.

Over two days of sessions, speakers shared knowledge and collective experiences crucial to improving the quality, safety, and economics of the subsea tieback industry. The highly technical and specialized nature of this industry was covered by operating companies and regulators. The Subsea Tieback exhibit hall floor is the industry’s leading platform for information exchange, networking opportunities and new business development.

2014 POST  
SHOW REPORT



**EVENT  
HIGHLIGHTS**

**2,870** ATTENDEES FROM **33**  
COUNTRIES AND **31** U.S. STATES

**99.5%** OF ATTENDEES RATED THE  
OVERALL EVENT AS HAVING **MET OR  
EXCEEDED** THEIR EXPECTATIONS

**84.1%** OF ATTENDEES RATED  
THE SPEAKERS **ABOVE AVERAGE**

**87.1%** OF ATTENDEES **PLAN  
TO ATTEND** SUBSEA TIEBACK IN  
NEW ORLEANS, MARCH 3-5, 2015

**96%** OF EXHIBITORS HAVE  
**SECURED THEIR EXHIBITION  
SPACE** FOR SUBSEA TIEBACK 2015



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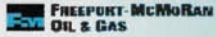
2014 POST SHOW REPORT



# 2014 ADVISORY BOARD



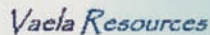
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*ExxonMobil Development Company*



**PAUL BEER**  
*Freeport-McMoRan Oil & Gas*



**BARRY BRASHER**  
*Anadarko Petroleum Corporation*



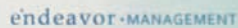
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*LLoG*



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*Endeavor Management*



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*Chevron Energy Technology Co.*



**CHRISTOPHER CURRAN**  
*BP E&P*



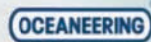
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TUESDAY, MARCH 4, 2014

## Key Elements of Subsea Tiebacks

Sponsored by:  **Aker**Solutions™

A one day seminar designed to educate people on the key elements of subsea tiebacks – subsea, umbilicals, risers, flowlines (SURF) conducted under the auspices of the Society for Underwater Technology (SUT). Registered professional engineers earned 6 professional development hours for this course.

Cost to attend: \$600

Number of Registered Attendees: 117

**SUT WORKSHOP**



# OPENING EVENTS

## OPENING NIGHT RECEPTION

Sponsored by:  Oil States

The exhibit hall opened Tuesday, March 4, 2014 with the opening night networking reception, sponsored by Oil States. From 5:00 p.m. to 7:00 p.m. attendees and exhibitors networked on the exhibit hall floor while enjoying food and beverages.

## OPENING PLENARY SESSION

The Opening Plenary Session was held on Wednesday, March 5, 2014 from 8:00 a.m. – 9:30 a.m. Exhibitors, delegates and visitors were all invited to attend the session.



### WELCOME & INTRODUCTION

Russell McCulley  
Conference Director  
*Offshore*



### KEYNOTE PRESENTATION — Developments 2014 and Beyond: A View of Subsea

Clay W. Vaughn  
Vice President, Deepwater Projects  
ExxonMobil Development Company



### CHAIRMAN'S OPENING REMARKS

Jon Sonka  
Project Engineering Manager  
ExxonMobil Development Company



### SCENE SETTING PRESENTATION — Julia Deepwater Project: Building on Industry Knowledge

Marilyn E. Tears  
Julia Project Manager  
ExxonMobil Development Company



# CONFERENCE SESSIONS

Two days of conference sessions took place on Wednesday, March 5th and Thursday, March 6th. The following topics were covered:

## **SESSION 1: FLOWLINES, RISERS, UMBILICALS**

- LLOG's Mandy Project Development Selection
- Macedon 20" Subsea Pig Launcher (Oceaneering DTS)
- Long Tiebacks – Learning from Pipeline Design Challenges

## **SESSION 2: INNOVATIONS, NEW TECHNOLOGY**

- Papa-Terra TLWP Well Conductor Driving Operation
- Islay Subsea Tieback - High Efficiency Electrically Heated Flowlines
- Overcoming the Challenges of a Sub-Arctic Subsea Tieback

## **SESSION 3: The Challenges of High Pressure and High Temperature – Round Table Discussion**

## **SESSION 4: SUBSEA PROCESSING**

- Tyrihans, Subsea Raw Seawater Injection System Qualification and Operating Experience
- Hydrate Mitigation Strategy for Production Loop Operates with Large Dead Leg
- Pazflor Subsea Separation, Two Years After

## **SESSION 5: INSPECTION, MAINTENANCE & REPAIR**

- Flow Assurance – When Blockages Occur
- Light Vessel Intervention in Brazil
- Thunder Horse Water Injection - Holdback and Recovery of a Flexible Water Injection Riser after PLET Removal

## **SESSION 6: PROJECT LEARNINGS**

- Deepwater Pipeline Replacement - Hess Ceiba Field in Equatorial Guinea
- 100km Umbilical Tieback W. Australia – Macedon
- Hibernia Southern Extension – Subsea and Drilling Interface Challenges and Lessons Learned in a Harsh Shallow Water Environment





# AWARD WINNERS



## **BEST PRESENTER**

John Felarca  
BHP

*100km Umbilical Tieback  
W. Australia – Macedon*



## **BEST PRESENTATION**

Pierre-Jean Bibet  
TOTAL E&P

*Pazflor Subsea Separation,  
Two Years After*



## **HARLEY DAVIDSON WINNER**

Carlos Moreira  
Engineering Director, Subsea  
Genesis



## **iPad WINNER**

Paul Stanton  
Sr. Advisor – Risers  
Genesis



# CONFERENCE PRICING

## Individual Delegate

Paid By January 31, 2014.....US\$ 945  
 Paid After January 31, 2014.....US\$ 1,045

## Corporate Plan (5 delegates)

Paid By January 31, 2014.....US\$ 3,780  
 Paid After January 31, 2014.....US\$ 4,180

## Corporate Plan (6 to 10 delegates)

Paid By January 31, 2014.....US\$ 7,085  
 Paid After January 31, 2014.....US\$ 7,835

## Exhibitor Delegate

Paid By January 31, 2014.....US\$ 595  
 Paid After January 31, 2014.....US\$ 655

## Season Pass: Three Events.....US\$ 1,800

Deepwater Operations  
 Topsides, Platforms & Hulls  
 Subsea Tieback

## Two Events.....US\$ 1,250

Topsides, Platforms & Hulls  
 Subsea Tieback

## Two Events.....US\$ 1,250

Deepwater Operations  
 Subsea Tieback

## Student Conference Delegate.....US\$ 95

## Single Day Conference Delegate

Wednesday, Paid By January 31, 2014.....US\$ 615  
 Wednesday, Paid After January 31, 2014.....US\$ 725  
 Thursday, Paid By January 31, 2014.....US\$ 615  
 Thursday, Paid After January 31, 2014.....US\$ 725

## Exhibit Visitor.....US\$ 50

## SUT Workshop (Registrant Only)

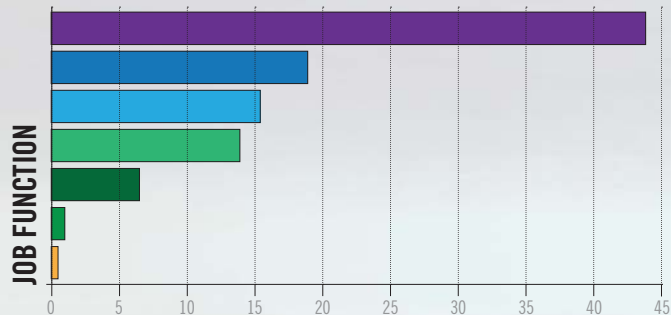
Paid By January 31, 2014..... US\$ 500  
 Paid After January 31, 2014..... US\$ 600

## Combined Full Conference Delegate and SUT Workshop

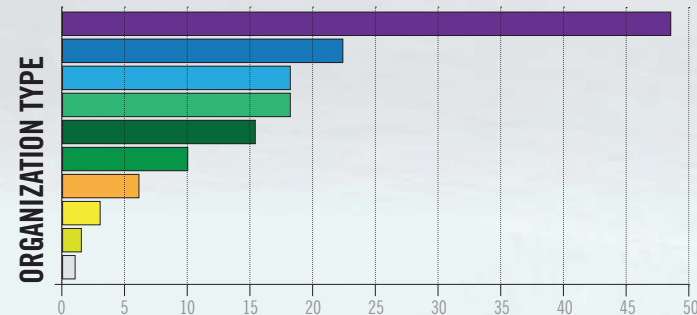
Paid By January 31, 2014..... US\$ 1,375  
 Paid After January 31, 2014..... US\$ 1,475

## Additional Lunch Tickets (for non-delegates)

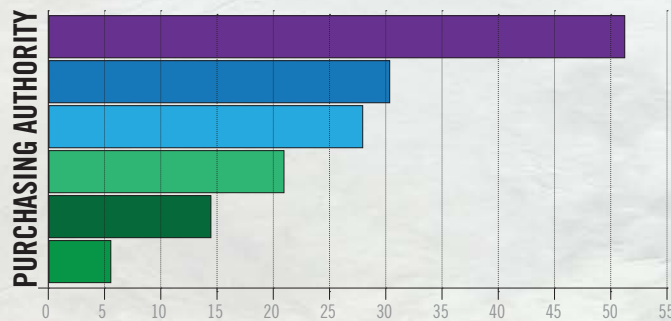
Wednesday ..... US\$ 35/day  
 Thursday .....US\$ 35/day



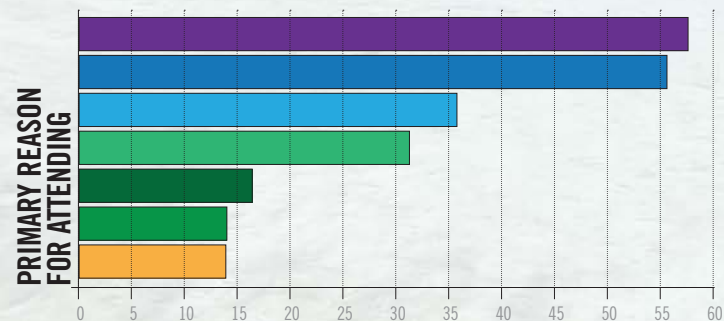
- 43.8% Engineering
- 18.9% Management (Production Manager, Engineering Manager, Exploration Manager)
- 15.4% Executive Management (CEO, President, Owner, VP, Managing Director, etc.)
- 13.9% Other
- 6.5% Consulting
- 1.0% Purchasing (Purchasing Agent, Purchasing Manager)
- 0.5% Field Professional (Superintendent, Foreman, Assistant Foreman, Toolpusher)



- 48.6% Major Oil & Gas Operating Company, National/State Oil Company, or Independent Oil & Gas Company
- 22.4% Consulting Company Engaged in Projects or Providing Services to Oil and/or Gas Companies
- 18.2% Service Company
- 18.2% Supply Company
- 15.4% Equipment Manufacturing Company
- 10.0% EPC (Engineering/Procurement/Construction)
- 6.1% Pipeline/Installation Contractor
- 3.0% Marine Support Services
- 1.5% Educational Institution/Government Agency/Research Laboratory
- 1.0% Drilling/Drilling Contractor



- 51.2% Recommend
- 30.3% Approve
- 27.9% Specify
- 20.9% Initiate Need
- 14.4% None of the above
- 5.5% Purchase



- 57.7% Attend the conference sessions
- 55.7% Networking
- 35.8% Encounter new products/services
- 31.3% Encounter new technology
- 16.4% Do business with new supplier
- 14.4% Do business with existing supplier
- 13.9% Evaluate products for purchase

\*All statistical information taken from Subsea Tieback Forum & Exhibition's onsite survey conducted by Turnkey Surveys, an independent research firm.

# 2014 EVENT DEMOGRAPHICS\*



# 2014 EXHIBITING COMPANIES

A.P.P./E.P.I.
ABCO SUBSEA
ADVANCED TECHNOLOGY VALVES SPA
ADVANTEC HOUSTON INC.
AFL
AGITO CORPORATION
AIMS INTERNATIONAL
AKER SOLUTIONS
ALCO VALVES US, INC
ALLOY METALS AND TUBES
AMERICAN ALLOY STEEL, INC.
AMETEK SOLARTRON ISA
ARTA GROUP INC.
ASHTAD TECHNOLOGY OFFSHORE
AXON ENERGY PRODUCTS
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BALMORAL OFFSHORE ENGINEERING
BASF CORPORATION
BAYOU WASCO INSULATION, LLC
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BENESTAD AS
BENTHIC
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BPP CABLES
BPP-TECH
BREDERO SHAW
C & C TECHNOLOGIES, INC.
CABOT AEROGEL
CAMERON
CANSCO SUBSEA LTD
CDI ENERGY PRODUCTS
CEONA
CETCO ENERGY SERVICES
CETIX AS
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CLAMPON, INC.
CM LABS SIMULATIONS, INC.

CRC-EVANS PIPELINE INTERNATIONAL, INC
CROSS GROUP INC
CUMING CORPORATION
DAN-LOC BOLT & GASKET
DEEP DOWN INC.
DEEPLIFX INC.
DEEPSEA POWER & LIGHT
DEEPSEA TECHNOLOGIES
DEEPWATER RENTAL AND SUPPLY
DELTA SUBSEA
DIMEYE CORPORATION
DOF SUBSEA
DOW CORNING
DOW OIL & GAS
DRIL-QUIP
DYNAMIC SEALING TECHNOLOGIES, INC
E.J. REYNOLDS COMPANY
EDG, INC.
EDGE TECH
EMAS AMC
EMERSON PROCESS MANAGEMENT
ENERGY CAREERS
ENERMECH
ESP SAFETY INC
EXPRO
FEDERAL FLANGE
FMC TECHNOLOGIES
FOCAL TECHNOLOGIES CORPORATION
FORGED COMPONENTS INC.
FORUM ENERGY TECHNOLOGIES
FOSTER WHEELER UPSTREAM
FREUDENBERG OIL & GAS TECHNOLOGIES
FUGRO
GALPERTI ENGINEERING AND FLOW CONTROL USA INC.
GATE, INC.
GAUS ANODES
GENESIS
GE OIL & GAS
GEOSPACE OFFSHORE
GL NOBLE DENTON
GP:50

GREENSEA SYSTEMS, INC.
HALLIBURTON ENERGY SERVICES INC.
HARKAND GROUP
HARRIS CAPROCK COMMUNICATIONS
HAWBOLDT INDUSTRIES
HCL CLAMPING SOLUTIONS
HELIX CANYON OFFSHORE
HESS CORPORATION
HIGH PRESSURE EQUIPMENT COMPANY
HIMA AMERICAS INC.
HOFFER FLOW CONTROLS
HOLLOWAY HOUSTON
HORIZON MARINE
HORNBECK OFFSHORE OPERATORS, LLC
HOSE & FITTINGS INC.
HOUGHTON OFFSHORE
HUNTING ENERGY SERVICES SUBSEA TECHNOLOGIES
HYDRASUN
HYDRATIGHT
HYDRATRON, INC.
HYDRO GROUP PLC
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INTECSEA
INTEGRA SERVICES TECHNOLOGIES INC.
INTERMOOR
ITP INTERPIPE
KNIGHTHAWK ENGINEERING
KONGSBERG
LAMONS
LANKHORST MOULDINGS
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LTS ENERGY
LYNDEN INTERNATIONAL
MACARTNEY INC
MACDERMID OFFSHORE SOLUTIONS
MAGMA GLOBAL LTD.
MANATEE, INC.
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MOOG
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NEXANS/NORTECH
NICHE PRODUCTS
NORBAR TORQUE TOOLS, INC
NATIONAL OILWELL VARCO
NYLACAST LLC
OCEANEERING
OCEANOS JSC
OCEANWORKS INTERNATIONAL
OIL STATES INDUSTRIES, INC.
OMB OFFSHORE APPLICATIONS LTD
OMNISSENS
ONESUBSEA
OMS
PACSON VALVES LIMITED
PARADIGM FLOW SERVICES LIMITED
PARKER - AUTOCLAVE ENGINEERS
PARKER HANNIFIN, ENERGY PRODUCTS DIVISION
PCC ENERGY GROUP
PEMEX ENGLISH LIBRARY
PENNWELL CORPORATION
PERMA-PIPE OIL & GAS
PHOENIX INTERNATIONAL
PREVCO SUBSEA HOUSINGS
PROSERV
QUALITY CONNECTOR SYSTEMS LLC
QUALITY PRODUCT FINISHING, INC.
QUEST OFFSHORE RESOURCES
RADOIL, INC.
RATHGIBSON - PCC ENERGY GROUP
REMOTE OCEAN SYSTEMS
RPSEA
ROVSCO, INC.
RTI ENERGY SYSTEMS
SAAB SEAEYE LTD

SALZGITTER MANNESMANN STAINLESS TUBES
SAMSON ROPE
SANDVIK MATERIALS TECHNOLOGY
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SBG SYSTEMS
SCHLUMBERGER
SCORE ATLANTA, INC
SEABOTIX
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SEANIC OCEAN SYSTEMS
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SEATRONICS INC
SECC
SERIMAX NORTH AMERICA, LLC
SIDUS SOLUTIONS LLC
SIEMENS SUBSEA
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SMD
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SPECIAL METALS - PCC ENERGY GROUP
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SUBSEA UK
SURF SUBSEA, INC
SURVEY EQUIPMENT SERVICES INC
T.D. WILLIAMSON, INC.
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VALVALTIA
VECTOR PRODUCTS, NOW PART OF FREUDENBERG OIL & GAS TECH
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VFL ENERGY TECHNOLOGIES
VIV SOLUTIONS LLC
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WALTHER PRAEZISION
WAVECREST OFFSHORE SOLUTIONS INC.
WEATHERFORD INTERNATIONAL
WEBCO INDUSTRIES INC.
WFI INTERNATIONAL
WHITEFIELD PLASTICS
WILLIAMS
WOOD GROUP KENNY
WRIGHT'S WELL CONTROL SERVICES
WYMAN GORDON - PCC ENERGY GROUP
ZETECHTICS LTD

Number of exhibitors: 224  
Space occupied: 51,400 sq ft



## DELEGATES/VISITORS BY COUNTRY

Argentina	Germany	Mexico	Sweden
Australia	Honduras	Netherlands	Switzerland
Austria	Iraq	Nigeria	Trinidad and Tobago
Brazil	Ireland	Norway	United Kingdom
Canada	Israel	Romania	United States
China	Italy	Russian Federation	Vietnam
Denmark	Japan	Saudi Arabia	
Finland	South Korea	Singapore	
France	Lebanon	Spain	

## DELEGATES/VISITORS BY STATE

Alabama	Georgia	Missouri	South Carolina
Arkansas	Illinois	North Carolina	Texas
Arizona	Kentucky	New Jersey	Utah
California	Louisiana	New York	Virginia
Colorado	Massachusetts	Ohio	Vermont
Connecticut	Maryland	Oklahoma	Washington
Delaware	Michigan	Pennsylvania	West Virginia
Florida	Minnesota	Rhode Island	











# EVENT CONTACTS

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# SAVE THE DATE



## Subsea Tieback Forum & Exhibition

March 3-5, 2015 | New Orleans Ernest N. Morial Convention Center | New Orleans, LA  
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