



## **Enhancing Offshore E & P Regional Capacity: Operational and Environmental Safeguards**

September 16-17, 2019  
Georgetown Marriott Hotel  
Georgetown, Guyana

**Day 1: Monday, September 16**  
**Registration and Coffee Service 7:30 am – 8:30 am**  
**Sponsored By: Berbice Onshore Support Services (BOSS)**

### **Welcoming of Delegates**

Dr. Lee Hunt, General Partner, Hunt Petty LP

The Conference highlights regional capabilities should a deepwater loss of source control lead to a Tier 3 oil spill. If the incident is of sufficient magnitude and character, then emergency response assistance from national and international resources is required. Preparatory planning ensures protection of marine and terrestrial ecosystems, employing technical advances in subsea source control as part of a robust spill management contingency system.

### **Keynote Opening of Conference**

**8:30 am – 9:15 am**

Dr. Mark Bynoe

Ministry of the Presidency

Director, Department of Energy

Co-Operative Republic of Guyana

Successful management of the petroleum sector requires continuous collaboration with stakeholder agencies which have various degrees of responsibility in ensuring the operational integrity of the sector. As wells are designed and field development planned, performance optimization and risk minimization is of paramount importance.

### **Environmental Concerns and Considerations**

Dr. Vincent Adams

Executive Director

Environmental Protection Agency

Co-Operative Republic of Guyana

*Managing Oil & Gas and natural resources development in a responsible, sound  
environmental manner.*

**Organized by:**



**HUNT PETTY LP**

**Session 1: 9:15 am – 10:30 am**  
**Capacity Enhancement Through Regional Cooperation**

**Moderator:** Dr. Barbara Reynolds

*Dr. Barbara Reynolds is Deputy Vice Chancellor, University of Guyana*

**Perspectives on Regional Cooperation:** Capt. Gerry Gouveia,  
Chairman, Private Sector Commission, CEO, RORAIMA AIRWAYS

**International Protocols and Regional Cooperation:** Ms. Donnette Streete,  
Senior foreign Service Officer, Ministry of Foreign Affairs, Co-Operative Republic  
of Guyana

*The Cartagena Convention and Oil Pollution Response and Cooperation (OPRC)  
Plans in the Caribbean.*

**Resiliency and Capacity Initiatives in the Caribbean:** Seth Wikas, Desk  
Officer for Guyana, Suriname, & Trinidad and Tobago, U.S. Department of State,  
Washington, D.C.

*Governmental activities to enhance capacity*

**International Contributors to Enhancing Regional Capacity: Industry  
Associations:** Wafik Beydoun, Director Americas, International Association of  
Oil & Gas Producers (IOGP), Houston, TX; Alexa Burr, Director System  
Programs – Global Industry Services, American Petroleum Institute(API),  
Washington, D.C.; Mark Denkowski, Vice President, Accreditation Operations,  
International Association of Drilling Contractors (IADC), Houston, TX

*Industry associations bring together company experts to address critical issues in  
the upstream O&G enterprise. The result is mutually derived, consensus driven  
reports, recommendations, guidelines, statements of best practices and  
standards. In the upstream (drilling and exploration activities) the International  
Association of Oil & Gas Producers (IOGP), the American Petroleum Institute  
(API) and the International Association of Drilling Contractors (IADC) are  
recognized global leaders whose programs offer a wealth of resources available  
as building blocks for enhancing capacity for safe, efficient offshore operations.*

**Coffee and Refreshment Break: 10:30 am – 11:00 am**  
**Sponsored By: Tiger Tanks Trinidad**

**Session 2: 11:00 am – 12:45 pm  
Guyana and the Caribbean**

**Moderator:** Joe Pope

*Joe Pope is Vice President, Sales and Marketing for North and South America, Valaris, Houston, TX*

**Metocean Connectivity in the Americas: The Value of In situ Data for Predicting Ocean Current Behavior:** Matt Cadwallader, Business Development Director, Woods Hole Group, MA

*Analysis of major ocean currents within the Caribbean and the value of in situ data in predicting ocean current behavior for operational support during spill operations*

**Ocean Current Behavior Studies in Guyana:** Lyndon Alves, National Weather Watch Center, Guyana

**Guyana Oil Spill Modeling – Potential for Cross Regional Impacts:** Wolfgang J Konkel, Environmental Scientist, ExxonMobil Biomedical Sciences, Inc., Annandale, NJ

*Predictive models and tracking oil spill migration from Suriname-Guyana to the greater Caribbean*

**Using Geographical Information Systems (GIS) in Sensitivity Mapping:** Haimwant Persaud, Manager, GSI Unit, Ministry of Natural Resources, Guyana

**Regional Environmental Sensitivity Mapping: Case Studies in Suriname and Trinidad and Tobago:** Dr. Jodi Harney, Energy Director | Senior Scientist, CSA Ocean Sciences, Inc., Tampa, FL

**Lunch Break: 12:45 pm – 1:45 pm  
Sponsored By: Valaris**

**Session 3: 1:45 pm – 4:00 pm**  
**Deepwater Source Control: Prevention and Mitigation**

**Moderator:** Brandee A. Elieff

*Brandee A. Elieff is Wells Technical Interface Manager, ExxonMobil, Houston, TX*

**Mitigating the Risk of Oil Spills: Operational Drilling Procedures and Assurances:** Gary Bowers, Well Engineering Manager, New Ventures, Tullow Oil, Georgetown, Guyana

*Policies, procedures and training to minimize risk, maximize safety and mitigate consequences from an operator's perspective.*

**Training to Maintain Competency in Well Control:** Mark Denkowski, Vice-President Accreditation Operations, International Association of Drilling Contractors (IADC), Houston, TX

*Oil Spill Prevention is Job 1: International programs for certification, qualification and competency of rig-based employees.*

**Components of a Source Control Response: The Steps Needed to Cap a Subsea Well:** Brett Morry, Global Technical Director, Trendsetter Engineering, Houston, TX

*Using a fictitious well control event offshore, the presentation examines the structure of a source control response. Particular emphasis is given to the pre-work required prior to installing a Capping Stack on a flowing well.*

**International Guidance in Planning Emergency Response for Subsea Oil Spills:** Patrick Brenan, Technical Advisor, KOSMOS Energy and Chairman, Source Control Committee, International Oil and Gas Producers Assn. (IOGP)

*The International Oil and Gas Producers Association (IOGP) Wells Expert Committee has produced Report 594 to help guide operating companies in planning and preparing an effective emergency response plan for subsea oil spills.*

**Coffee and Refreshment Break: 4:00 pm – 4:15 pm**  
**Sponsored By: International Association of Drilling Contractors (IADC)**

**Session 3 Continuation: 4:15 pm – 5:30 pm**  
**Deepwater Source Control Experts Panel**

**Moderator:** Brandee A. Elieff, ExxonMobil

*A panel of industry experts representing Oil Spill Response Organizations, Industry Organizations and Operators to discuss and answer questions on how to develop, maintain and deploy a wholistic source control emergency response plan.*

**Panelists**

- Patrick Brenan, Technical Advisor, KOSMOS Energy and Chairman, Source Control Committee, International Oil and Gas Producers Assn. (IOGP), Dallas, TX
- Brian Dunn, Wells Emergency Response Advisor, ExxonMobil, Houston, TX
- Guy Fox, Senior Product Manager-Well Control & Prevention Services, Boots & Coots, Houston, TX
- Mitch Guinn, Oil Spill Response USA, Senior Subsea Advisor- OSRL/SWIS I, Houston, TX
- Chris LeCompte, General Manager, Well CONTAINED, Wild Well Control, Houston, TX
- Brett Morry, Global Technical Director, Trendsetter Engineering, Houston, TX

**Questions, Answers and Discussion**

**End of Day 1**

**Day 2: Tuesday, September 17**  
**Welcoming Coffee: 7:30 – 8:30**  
**Sponsored By: Pioneer Sponsors**

**Session 4: 8:00 am – 10:00 am**  
**Surface Spill Operations: Remediation**

**Moderator:** Newell Dennison

*Newell Dennison is Commissioner, Guyana Geology & Mines Commission (GGMC) Guyana*

**Factors, Dynamics and Scope of Spill Response Options:** Paul Schuler, Oil Spill Response Limited (OSRL), Port Everglades, FL

*A multitude of methodologies, tactics and response mechanisms available for offshore, near-shore and onshore spill remediation*

**Southern Caribbean: Equipment, inventory and deployment:** Komal Singh, GAICO Construction Services and David Cook, GAICO-CORENA, Guyana

*On-hand, on-time availability of equipment staging for rapid deployment*

**Regional Response Capacity in the Caribbean:** Mark Kelly, National Response Corporation (NRC), Great River, NY

**Incident Command Duties and Responsibilities During Spill Operations:** Col. Kester Craig, Director, Civil Defence Commission (CDC), Guyana

**Coffee and Refreshment Break: 10:00 am – 10:30 am**  
**Sponsored By: Explorer Sponsors**

**Session 5: 10:30 am – 12:30 pm**  
**Risk Management of Collateral Activities**

**Moderator:** David Zaworski

*David Zaworski is Director of Safety, ERA Helicopters, Houston, TX*

**An Aviation Operator's Perspective: Managing the Fundamentals for Safe Helicopter Operations**, James Stottlemeyer, Director, Safety (Americas) and Global Safety Performance, Bristow Group, Houston, TX

*How an aviation operator manages the interaction among man, machine and environment to ensure safe and efficient passenger transport and Search and Rescue (SAR) Operations. How industry collaboration with HeliOffshore enhances an individual operator's capabilities and the culture of sharing best practices.*

**Maritime Safety and Coordination:** Capt. John Flores, Director of Maritime Safety, Maritime Administration Department (MARAD), Guyana

*Vessel inspection and certification; modifications of traditional vessel routing required by offshore deepwater field production*

**Situational Awareness: Stakeholder Preparedness for Simultaneous Operations (SIMOPS):** Ed Turner, Witt O'Brien's, Houston, TX

*Knowing the risks and considerations of geographical and environmental assessments in a world of focused ESG Criteria.*

**Domain Awareness: Asset Management During Spill Recovery Operations (SIMOPS):** Brian Hansen, ExxonMobil Emergency Preparedness & Response, Houston, TX

*Coordination and control of movement of aircraft, vessels, personnel and response resources during simultaneous operations*

**Lunch Break: 12:30 pm – 1:30 pm**  
**Sponsored By: Tullow Oil**

**Session 6: 1:30 pm – 3:15 pm**  
**Enhancing Capacity of Human Resources**

**Moderator:** Floyd Scott

*Floyd Scott is Director, Council for Technical & Vocational Education & Training (C-TVET)*

**Enhancing Capacity Means Enhancing Education of Future Leaders:  
Developing Infrastructure for Education and Workforce Training**

Dr. Andrew Chater, Senior Lecturer and Head of Department, University of Guyana

*University led educational programs supporting an oil & gas industry; private enterprise training of employees for local workforce development*

Mr. Geetendra Singh, Student, University of Guyana

*Student expectations of opportunity and challenges for post-graduation employment*

**Private Enterprise Training of Local Workforce to Support the Oil & Gas Industry:**

Billy Pellegrin, Edison Chouest Offshore: local crew training for offshore service vessels, New Orleans, LA

Lars Mangal, TOTALTEC: training basic offshore employment skills, Georgetown, Guyana

Earle Aaron, Berbice Onshore Support Services (BOSS) New Amsterdam, Guyana: training supply base & fabrication shop personnel

**Coffee and Refreshment Break: 3:15 pm – 3:45 pm**  
**Sponsored By: Builder Sponsors**



**Session 7: 3:45 pm – 5:30 pm**  
**Shared Experiences in Regional Cooperation**

**Moderator:** Dr. Vincent Adams

Dr. Adams is Executive Director, Guyana Environmental Protection Agency

**A panel of experts with experience in regional activities and initiatives discuss their perspectives on the enablers of and barriers to successful regional cooperation in enhancing offshore deepwater development:**

Tommy Tomblin, Oil Spill Advisor, ExxonMobil , Georgetown, Guyana

*Mature global oil and gas companies have assembled perhaps the most extensive experience operating in diverse cultural and environmental locations. ExxonMobil applies its "Operations Integrity Management System" worldwide to achieve safe, reliable and environmentally responsible results.*

David Cook, GAICO-CORENA, Georgetown, Guyana

*Perspectives on international partnerships and cooperative government-to-industry experiences.*

Roy Barrett, The Response Group, Cypress, TX

*The Greater Caribbean and Gulf of Mexico afford a rich baseline of regional and international cooperative agreements and experiences.*

Adriano Ranieri, Witt O'Brien's Brazil

*The importance of bringing together both public and private partners to resolve environmental impacts in a creative and cost-effective way: lessons from the Brazilian Shoreline Protection project.*

Robert Williams and Peter Baldauf, Volga-Dnepr, Houston, TX

*Equipment relied upon by offshore oil and gas drilling and production is beyond typical industrial dimensions. Heavy aircraft lift capacity is critical to successful field development and support logistics. Uniquely, heavy aircraft lift capability also is a critical component of emergency response mobilization.*

 **Conclusion: Next Steps**   
Brian T Petty, General Partner, Hunt Petty LP