



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

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 – 10:15 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: Floyd Patterson,
Lieutenant Commander, Jamaican Defence Forces, Consultant for the
International Maritime Organization Regional Activity Center
(RAC/REMPEITC-Caribe), Curacao

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

*The United Nations Environmental Program (UNEP) Regional Activity Center
(RAC) programs and training initiatives in the Caribbean (RAC/REMPEITC-
Caribe)*

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: 10:15 am – 10:45 am

**Session 2: 10:45 am – 12:15 pm
Guyana and the Caribbean**

Moderator: Alan Quintero

Alan Quintero is Senior Vice President for Business Development, EnscoRowan, 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

Oil Spill Trajectories in Suriname, Guyana & Trinidad and Tobago: Wolfgang Konkel, ExxonMobil Environmental Scientist, Tampa, FL.

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

Leveraging Geospatial Tools in Sensitivity Mapping and Environmental Preparedness

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

Environmental Assessments/Mapping of Coastline Impacts: TBD, Witt O'Brien's, Brazil

Lunch Break: 12:15 pm – 1:30 pm

Session 3 Part 1: 1:30 pm – 3:30 pm
Deepwater Source Control and Emergency Response

Moderator: Brandee Elieff

Brandee Elieff is Wells Technical Manager, Exxon Mobil, Houston, TX

Source Control Fundamentals and Emergency Response Planning:

Patrick Brenan, Technical Advisor, KOSMOS Energy and Chairman, Source Control Committee, International Oil and Gas Producers Assn. (IOGP); Mitch Guinn, Oil Spill Response Ltd. (OSRL); Brian Dunn, ExxonMobil; Chris LeCompte, Wild Well Control; Dr. Arash Haghshenas, Boots & Coots; Brett Morry, Global Technical Director, Trendsetter Engineering, Houston, TX

*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. The Report covers basic emergency response organizational format, roles and responsibilities, source control options, and implementation considerations. Report 594 will also help to inform non-technical stakeholders about what is involved in subsea source control.*

Coffee and Refreshment Break: 3:30 pm – 4:00 pm

Session 3 Part 2: 4:00 pm – 5:30 pm
Deepwater Source Control and Emergency Response

Major Incident Management: Governmental Duties: Colonel Kester Craig, Director General, Civil Defence Commission (CDC), Guyana

Protocols for Command and Control of Spill Response and Mitigation Activities

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

Questions, Answers and Discussion

Day 2: Tuesday, September 17

Session 4: 8:30 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 Oil Spill Response Services, 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

Coffee and Refreshment Break: 10:00 am – 10:30 am

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

Safety Through Collaboration: Global Guidelines and Best Practices for Offshore Helicopter Transportation: Francois Lassale, Operations Director, HeliOffshore, London, UK

Offshore Operational Airspace Five Years On: James Stottlemeyer, Director, Safety (Americas) and Global Safety Performance, Bristow Group, Houston, TX

Multiple roles of rotary air services in the development of deepwater offshore hydrocarbon exploitation and developments in civil aviation

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

Simultaneous Operations (SIMOPS)

Situational Awareness: Stakeholder Preparedness for Simultaneous Operations (SIMOPS): Bob Patterson, Witt O'Brien's, Houston, TX

Knowing the risks, geographical and environmental assessments

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

Session 6: 1:30 pm – 3:00 pm
Human and Environmental Resources

Moderator: Floyd Scott

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

Developing Infrastructure for Education and Workforce Training:
Dean, University of Guyana

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

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

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

Coffee and Refreshment Break: 3:00 pm – 3:30 pm

Session 7: 3:30 pm – 5:00 pm
Regional and National Priorities

Moderator: Matthew Wilks

Matthew Wilks is Oil and Gas Advisor, Ministry of the Presidency, Department of Energy, Co-operative Republic of Guyana, Georgetown, Guyana

Enhancing Government/Industry Capacity for Offshore Development:

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

David Cook, GAICO-CORENA, Georgetown, Guyana

Roy Barrett, The Response Group, Cypress, TX

Building Regional and National Capacity for Efficient Spill Management
Assessment of inventory present and projected dedicated to spill response
Collaborative activities of Guyana, Suriname, Trinidad and Tobago

❖ Conclusion: Next Steps ❖

Brian T Petty, General Partner, Hunt Petty LP



Ministry of the Presidency
Department of Energy

