Industry Led Multi-Jurisdictional, Multi-Agency Exercise - Lessons Learned

Learnings and experiences from the ConocoPhillips Subsea Challenge Exercise, Indonesia 2014

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Subsea Challenge

- 5 days - (October 13-17, 2014)

- ~310 COP personnel

- ~380 personnel total
  - Government/jurisdiction regulator & response agencies
  - Response partners
  - Industry – SWRP Sponsors: BP, BG, Statoil, Chevron, Shell, Petrobras, ExxonMobil, Total

- Global response - personnel located across 3 international regions:
  - Houston - US
  - Jakarta & Singapore – Asia Pacific
  - Southampton - UK
Objective:
Continue to develop ConocoPhillips’ capability and capacity to respond to a subsea well blowout event; and enhance response skills for the management of the consequential oil spill impacts

The main components of this exercise were:
• Crisis and emergency management
• Oil spill response & source control knowledge development
• Stretch organizational capabilities via a complex exercise
• Identify opportunities for improvement – Lessons Learned
Managing a crisis in a virtual world
Exercise Background - Scenario

• The event scenario was based on an oil/gas well blowout in the Indonesia Sulawesi province. ~ 105Nm east of the Indonesian island of Borneo East Kalimantan at the Kaluku-1 Exploration site located in the Maskassar Straight, Celebes Sea

• 4800ft water depth

• The cause of the loss of well control was a power failure on a drill ship causing drift off, resulting in a catastrophic failure of BOP system integrity.
Exercise Background - Scenario
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In addition to managing life safety and impact on environmental values, the response emphasis was on two main response objectives:

- Oil Spill Management in the Indonesian, Malaysian, and Philippine national waters and coastlines.
- Source Control Management: Apply subsea dispersant, simulate the deployment well cap stack, plan for relief well operations.
Key Exercise Outcomes

• Learning exercise intended to “stress” the organization

• Continue to develop subsea source control capability

• Exercise incorporated global COP resources, global AV/IT synergies

• Full vertical involvement / support from the organization

• Source Control & Emergency Management ~ 700 pieces of feedback

• Consolidated inter-agency and inter-jurisdictional knowledge and awareness

• Affirmed response alliances
Globally integrated response operations...
Keys to effective organizational integration in managing a response:

• Comprehensive plans

• Preparedness assurance and reviews

• Training, practice and demonstration

• Lessons learned. Be committed to the continuous improvement process
Lessons Learned

Keys to effective multi-agency response:

• Build collaborative relationships. Do this in advance of an incident

• Aim to foster a long-term alliances

• Understand their organizational responsibilities, statutory accountabilities and duties

• Participate in community emergency management councils and committees, be a committed representative on behalf of your company
Keys to effective multi-jurisdiction response:

- Educate all levels of emergency response and crisis management personnel on jurisdictional issues
- Seek to engage neighboring jurisdiction agencies and organizations
- Work with local jurisdictional agencies to understand their inter-jurisdiction response arrangements
- Desktop exercise what will be strategic and enterprise concerns in a multi-jurisdiction event
- Identify individuals with experience and knowledge of jurisdictions
Lessons Learned

Keys to effective response alliances:

• Alliances with response service organizations are more than a commercial arrangement

• Take the opportunity to practice and train together

• Response alliance relationships are trusted relationships. Oil and gas companies invite external response agencies into a somewhat confidential fold

• Contingency plan, ensure you have alternatives. It is good practice to ensure you have relationships with several service providers
“Emergency preparedness is a partnership of planning, collaboration and commitment....”

Thank you!