Plans and progress in the Phase I OSR-JIP and Proposals for Phase II

Pemsea / East Asian Seas

18th November, 2015





Montara: 21 August 2009

Macondo: 20 April 2010





GIRG identified five key capability areas



The GIRG* Process



Governments, regulators, NOIAs, OSROs and industry initiatives

*GLOBAL INDUSTRY RESPONSE GROUP

Response: the OSR - JIP

- Three year project (2012 2014) addressing nineteen recommendations for improving spill response developed following the Montara and Macondo incidents
- Nineteen oil industry members / US\$ 5.7 MM
- Dispersant issues were addressed in about 20% of the JIP work streams but the project covered many other important aspects





JIP outputs comprise four elements

- <u>Good Practice Guidance</u>: 24 Good Practice Guides and their translations. Replaces the existing Oil Spill Response report series
- 2. <u>Short technical reports</u> in the "JIP" series, developed to communicate technical good practice or to make it accessible to external parties.
- **3.** <u>Pure research & longer technical documents: detailed</u> technical research and information
- 4. <u>Outreach, Communications</u> and "outreach" materials, videos/animations, "Glance/Scan" materials





Dispersants

Bench scale testing - complete

Dispersant logistics/supply chain planning - complete

Post-spill dispersant monitoring - complete







Regulatory Approval of Dispersant Products and Authorization of their Use

- Recognises dispersants place in the 'response toolkit'
- Assist regulators and interested parties in developing effective regulation
- Aims to clarify an issue which can be confusing and contentious
- Potential interest to countries with existing regulation







In-Situ burning

- Equipment selection complete
- Residue and burn studies: CEDRE/INERIS









Risk Assessment and Response Planning

- Risk assessment-based methodology for offshore
- A scenario-based planning standard for an upstream release and estimation of the associated quantities
- An assessment of environmental/commercial resources at risk
- An assessment of response resource needs and capability and the ability to cascade resources in to the spill area
- Embedding the above in contingency planning
- Proving the response through drills and exercises







Current status and future needs for aerial dispersant application - complete

Mutual aid indemnification and liability including legal pro-forma templates for global use - complete

Guidelines on oil characterization to inform spill response decisions - complete







Surveillance, Modelling & Visualization

WP1 - In-Water Surveillance (BP/Metocean)

WP2 - Surface Surveillance (Shell/Geomatics)

WP3 - Modelling & Prediction (Total/Metocean)

WP4 - Metocean Databases (Total/Metocean)

WP5 - GIS / Common Operating Picture (Shell)



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Work Package 5: Common Operating Picture
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OSR-JIP PROJECT	









Good Practice Guidance (GPGs)





Who are the GPGs for?





STRATEGY

- Oil Spill Preparedness & Response: a framework
- Incident Management Strategies
- Net Environmental Benefit Analysis

<u>RESPONSE</u>

- Aerial Surveillance
- Dispersants: Sea surface
- Dispersants: Subsurface
- At Sea Containment and Recovery
- In-Situ Controlled Burning
- Shoreline Response Planning and SCAT
- Shoreline Cleanup Techniques
- Inland Responses
- Waste Management
- Oiled Wildlife Management
- Economic Assessment & Compensation
- Responder Health and Safety

IPIECA

PREPAREDNESS

- Contingency Planning
- Sensitivity Mapping
- Tiered Preparedness & Response
- Training

IMPACTS

- Impacts on Marine Ecology
- Impacts on Shorelines

