



Oil Spill Response



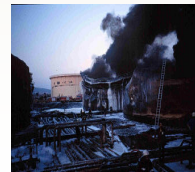
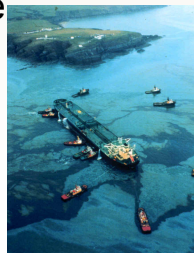
Oil Industry Response to Oil Spills

PAJ Workshop 2009
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Oil Spills

- Oil spills occur outside our control
- We need to understand the impact and have plans in place.
- We need to be prepared
- Oil Spill Response Limited is an integral to the international oil industry's spill response structure



What does Oil Spill Response do for its members ?

- Provider of response and **preparedness** services to our members
- Provide **technical expertise** and equipment to support response
- Provide specific **response equipment**



How does OSRL respond?

- Mobilised by members or non members
- High level of readiness
 - Technical advisor
 - Personnel response teams
 - Mobilisations systems
 - Pre packaged equipment
 - Aviation arrangements
 - Customs
 - Response management systems / expertise



Technical Expertise



- Highly experienced staff
- Competency-based development
- Diverse workforce and range of disciplines
- Specialist response skills
- Emergency response management systems
- Personnel to fill roles in ICM structure – Operations, Planning and Logistics



Response equipment



- Equipment to cover all forms of response scenarios whether on land or at sea
- Across a range of oil types and weather conditions
- Computerised maintenance database to generate customs documentation quickly when needed
- High state of readiness



Specific response resources



Aerial dispersant is key response tool

Preparedness

Is a function of

- ◆ Trained people...
- ◆ working to well developed contingency plan...
- ◆ that has been well resourced and...
- ◆ is regularly exercised.

So what could possibly go wrong?

- Failure to recognise the severity of a problem
- Failure to arrange processes to permit use of resources
- Failure to integrate resources into a coherent response plan
- Lack of decisive action



Cost of spills is increasing Tier 3 no longer a benchmark

Incident	Year	Oil Spilt	Total Cost \$	Cost \$/ tonne
Cosco Busan (USA)	2007	83	80,000,000	\$963,855
Prestige (Spain)	2002	63,000	1,443,000,000	\$22,904
Erika (France)	1999	19,800	247,500,000	\$12,500
Sea Empress (UK)	1996	73,000	55,200,000	\$756
Braer (UK)	1993	84,000	78,000,000	\$928
Exxon Valdez (USA)	1989	37,000	1,950,000,000	\$52,702
Amoco Cadiz (France)	1978	223,000	225,000,000	\$1,009



The world has changed

- Oil industry structure has changed
 - Corporate led to business unit led
 - Regional customers
- Reduced tanker spills
 - Improving legislation/ regulation
- Need to get closer to customers to deliver added value service
 - Regional centres / offices



Case study #1 ~ Heibi spirit

- Tanker accident
- 10,300 tons of oil
- Severe weather spread spill over wide area
- ADDS pack called for after several days
- Reduced response effectiveness



Case study # 2 ~ Pacific Alliance

- Pacific Alliance ~ grounded in Malaysian Waters after collision
- Severe hull damage
- Salvage operations mounted
 - Lightering
 - Refloating
 - Discharge
- High level of proactive readiness
- No oil spilled



Thank You



www.oilspillresponse.com

