

Environmental Trends in East Coast O&G Development

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Two Major Trends

- Management systems
- Increased involvement of stakeholders



Management Systems

- Who
 - All oil & gas companies
 - Including international companies
 - Many major Suppliers



Management Systems

- Why
 - Structured approach to HSE
 - Health & Safety, Quality, Environment
 - Employees, customers, stakeholders
 - Deming Cycle – Plan-Do-Check-Act



CSEI Example – 14001/18001

- Scope/Purpose
- Policies
- Planning
- Implementation & Operations
- Monitoring & Corrective Action
- Management Review

Increased Stakeholder Involvement

- Who?
 - Public at large
 - Affected communities,
 - Non-governmental organizations,
 - Affected industries (including our industry),
 - Regulators



Increased Stakeholder Involvement

- Why? Because we all want:
 - Fairness
 - Consistency
 - Transparency
 - Effective protection
 - Effective regulation

Example

- FEAC (Fisheries and Environmental Advisory Committee)
 - CNSOPB
 - Federal Agencies (DFO, EC, TC)
 - Provincial Agencies (NSPD)
 - First Nations
 - Fishing Organizations

Consequences

- Management Systems
 - Better & more consistent HSE application
 - Auditable systems (due diligence)
 - Continuously improved performance



Consequences

- Increased stakeholder involvement
 - More initial cost to both industry and stakeholders
 - More consultation outside the formal process
 - Longer process but should be systematic
 - Added value to both industry and impacted stakeholders