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NATIONAL OIL SPILL EXERCISE 2012

Incident Command System (ICS)

by
PETRONAS



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HSE Group Health, Safety & Environment Division

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WHAT IS ICS

- ❑ A model tool for 'command and control' and 'co-ordination' of a response
- ❑ Improves efficiency and effectiveness
- ❑ Improves co-ordination with other agencies
- ❑ Assist in managing both, small and large situations
- ❑ ICS is flexible

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WHEN IS ICS USED

- ❑ Oil spill response and recovery incidents
- ❑ Fires, HAZMAT and multi casualty incidents
- ❑ Planned events, i.e. celebrations, official visits, etc
- ❑ Response to natural hazards
- ❑ Single and multi-agency law enforcement incidents
- ❑ Wide-area search and rescue missions
- ❑ Commercial / industrial emergency management
- ❑ Air, rail, water, or ground transportation accidents
- ❑ Pest eradication programs

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PRE ICS PROBLEM

- ❑ Non-standardized terminology among responding agencies
- ❑ Non-standardized, inadequate and incompatible communication
- ❑ Lack of consolidated action plans
- ❑ Lack of designated facilities
- ❑ Lack of reliable incident information
- ❑ Different types of emergency response organizational structure
- ❑ Unclear or unspecified incident objectives
- ❑ No proper structure / mechanism for coordinated planning between responding agencies

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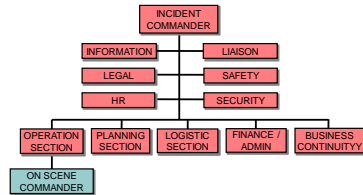
ICS FEATURES



- ❑ Common terminology
- ❑ Modular Organization
- ❑ Integrated communications
- ❑ Unity of command
- ❑ Unified command structure
- ❑ Designated incident facilities
- ❑ Consolidated Incident Action Plan
- ❑ Manageable span of control (3 – 7 persons & 5 optimum)
- ❑ Comprehensive resource management
- ❑ Common responsibilities



PETRONAS ICS ORGANIZATION STRUCTURE



INCIDENT COMMANDER



- ❑ Establish an Emergency Control Center (ECC)
- ❑ Obtain an incident briefing from Incident Commander (IC) / Operation SC
- ❑ Assess the incident situation and determine response objective and priorities (PEAR principles)
- ❑ Conduct the initial briefing to Emergency Management Team (EMT)
- ❑ Regular updates / meetings are conducted (every 15 – 30 mins)
- ❑ Approve and authorize the implementation of the IAP
- ❑ Update incident status to management
- ❑ Coordinate with key people and officials (i.e authorities)
- ❑ Participate in Unified Command
- ❑ Approve request for additional resources
- ❑ Authorize release of Standard Holding Statement to media
- ❑ Approve a plan for demobilization
- ❑ Release resources and supplies
- ❑ Declare Stand Down



LIAISON OFFICER



- ❑ Obtain a briefing from IC / prior Liaison Officer
- ❑ Provide a point of contact for assisting and/or coordinating with response agencies and authorities
- ❑ Communicate with authorities to coordinate public information activities
- ❑ Keep agencies supporting the incident aware of incident status
- ❑ Participate in planning meetings, providing current resource status, including limitations and capability of assisting agency resources



SAFETY OFFICER

- Obtain briefing from the IC / prior Safety Officer (SO)
- Identify hazardous situations associated with the incident
- Identify potentially unsafe situations
- Ensure adequate safety measures in place
- Participate in planning meetings
- Review IAP
- Exercise emergency authority to stop and prevent unsafe acts
- Assign assistants to incident site as needed

**INFORMATION OFFICER**

- Obtain briefing from the IC / Information Officer (IO)
- Determine from IC on limits for information release
- Prepare Standard Holding Statement (SHS) as soon as possible after arrival
- Establish a Media Center
- Arrange meetings between media and IC and assist IC during release of SHS
- Participate in planning meetings

**HR OFFICER**

- Obtain a briefing from IC / HR Officer
- Provide a point of contact for Next of Kin (NOK)
- Identify and obtain victims personal information
- Identify and notify affected NOK(s)
- Provide necessary assistance to the NOK(s)
- Liaise with Authorities (i.e PDRM, hospitals, embassies, etc)
- Participate in planning meetings and providing current resource

**LEGAL OFFICER**

- Obtain briefing from IC / Legal / External Affairs.
- Determine applicable laws, regulatory compliance issues including environmental laws.
- Advise and handle all legal documentation.
- Advise IC and EMT on legal matters arising from an incident and response.
- Ensure all potential liabilities are properly managed.
- Maintain contact and coordinate with the external Legal Counsels.
- Participate in planning meetings.



OPERATIONS SECTION

- ❑ Obtain a briefing from IC / Operation Section Chief
- ❑ Update IC / EMT on incident and site response status (once every 15 to 30 minutes).
- ❑ Communicate and coordinate with On Scene Commander and Staging Area Manager.
- ❑ Participate in Planning meetings and implement strategies and tactics identified in IAP
- ❑ Determine and request additional resources
- ❑ Coordinate aerial surveillance and dispersant operations
- ❑ Coordinate vessel based dispersant operations
- ❑ Coordinate shoreline assessment teams and clean up operation
- ❑ Coordinate land transport requirements for shoreline clean up and assessment teams
- ❑ Coordinate oiled wildlife capture and cleaning operations
- ❑ Coordinate temporary disposal of collected oil
- ❑ Coordinate transport of oil and oiled debris

**PLANNING SECTION**

- ❑ Obtain briefing from IC / Planning Section Chief
- ❑ Coordinate planning meeting for IAP development/review
- ❑ Identify need and use of specialized resources
- ❑ Compile and display incident status summary information
- ❑ Minutes and records of EMT meetings
- ❑ Ensure documentation of all response decisions
- ❑ Obtain and interpret weather, tide and current predictions
- ❑ Provide mapping and photographic services
- ❑ Prepare and maintain the incident organization chart
- ❑ Develop rosters for all response personnel
- ❑ Identify community and commercial groups which may be affected by the incident

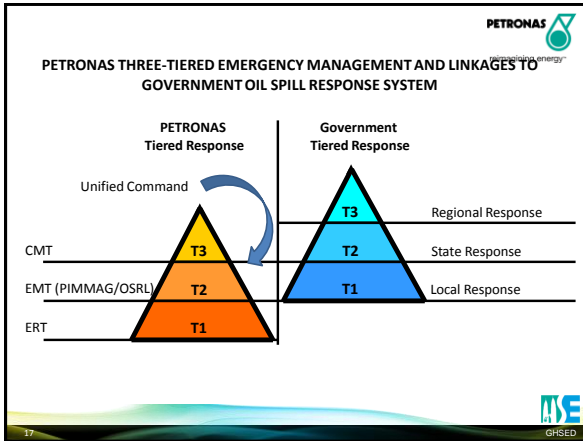
**LOGISTICS SECTION**

- ❑ Obtain briefing from IC / Logistic Section Chief
- ❑ Participate in planning meetings
- ❑ Identify service and support requirements for planned an expected operations
- ❑ Updates IC / EMT on current service and support capabilities
- ❑ Acquire resources (e.g. personnel, service and equipment) to implement Incident Action Plan
- ❑ Provide appropriate communications equipment for operations
- ❑ Provide accommodation, shelters and amenities for response personnel
- ❑ Provide refreshment / catering services
- ❑ Provide decontamination facilities for personnel and equipment

**FINANCE / ADMIN SECTION**

- ❑ Obtain briefing from IC / Finance Section Chief
- ❑ Update IC / EMT on short and long term cost information
- ❑ Ensure expenditure tracking system is utilize and kept current
- ❑ Support Logistic Section to institute requisition procedure
- ❑ Support HR to provide financial assistance to victims and NOKs
- ❑ Participate in planning meetings
- ❑ Ensure sufficient cash flow to meet immediate response needs
- ❑ Administer contracting services
- ❑ Pay all accounts and costs associated with the incident upon approval





UNIFIED COMMAND

- Unified Command (UC) - structure that brings together 'Incident Commanders' of all major organizations in order to coordinate an effective response
- Various jurisdictions, agencies and non-government responders may combine together to create an integrated response team.
- Overall management of the incident including development and implementation of overall objectives and strategies, and approves order in releasing of resources

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TIERED RESPONSE – OIL SPILL

- Tier 1 – Local Response:**
 - Small spill within port / depot / terminal area.
 - Cleanup operations will be coordinated by the organization
 - within local plan.
 - DOE will monitor the progress of cleanup operation.
- Tier 2 – State Response:**
 - Spill beyond the control of Tier 1.
 - Cleanup operations supported by PIMMAG / OSRL will be coordinated by SOCC.
 - Operations shall be undertaken parallel with DOE Tier 1 organization.
 - SOCC - at State level.
- Tier 3 – Regional Response:**
 - Major spill beyond control of Tier 2.
 - Cleanup operations will be coordinated by NOCC.

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Thank you

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