ICS in the Private Sector

Presentation Goal

- Regulations
- Plans
- Organizations
- Incidents/Exercises
- After Action Reports

Planning Cycle
ICS in the Private Sector

WII-FM

➢ Know Company’s response capabilities

➢ Responsible Party IMT focuses on
  • Ensuring the Safety of Responders & Public
  • Minimizing impact to the Environment
  • Managing a Coordinated Event
  • Developing IAP’s
  • Tracking Incident Resources
  • Maintaining Situational Awareness

➢ Companies manage the incident and allows local agency resources to “return” when incident has been stabilized
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Regulated Plans for the Oil & Gas Companies

- U.S. Department of the Interior
- United States Coast Guard
- Environmental Protection Agency
- Department of Transportation
- BSEE (Bureau of Safety and Environmental Enforcement)
- OSHA (Occupational Safety and Health Administration)
- PHMSA (U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration)
ICS in the Private Sector

Family of Plans

- International Joint Plans
- Federal Agency Internal Plans
- Federal Response Plans
- National Oil & Hazardous Substance Pollution Agency Plan
- Initial IAP
- ERP
- ACP/GRP
- Regional Contingency Plans
- Federal Response Plans
- Vessel Response Plans
- State and Local Plans

The Response Group
EM INSTITUTE

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## Emergency Response Organizations

<table>
<thead>
<tr>
<th>Tier</th>
<th>Resources Required</th>
<th>Time</th>
<th>Incident Control Time</th>
<th>NIMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tier 1</td>
<td>1-6 (some Cmd. or Gen. staff activated)</td>
<td>1-3 hours</td>
<td>Greatly extended (Incident expected to last multiple operational periods, with written IAP for each OP)</td>
<td>Type 5</td>
</tr>
<tr>
<td>Tier 2</td>
<td>6-50 (some Cmd. or Gen. staff activated)</td>
<td>up to 24 hrs (one OP with 201 forms)</td>
<td>Greatly extended (Incident expected to last multiple operational periods, with written IAP for each OP)</td>
<td>Type 4</td>
</tr>
<tr>
<td>Tier 3</td>
<td>50-200 (local or regional callout possible; some ICS positions activated)</td>
<td>Extended (Incident may last multiple operational periods, with a written IAP)</td>
<td>Resources Required: 500+ (National-level resource callout, Incident of National Significance, with NRP activation, all ICS positions activated)</td>
<td>Type 3</td>
</tr>
<tr>
<td>Tier 3</td>
<td>200-500 (regional or national callout required; many ICS positions &amp; units activated)</td>
<td>Greatly extended (Incident expected to last multiple operational periods, with written IAP for each OP)</td>
<td>Resources: 50-200 (local or regional callout possible; some ICS positions activated)</td>
<td>Type 2</td>
</tr>
<tr>
<td>Tier 3</td>
<td>500+ (National-level resource callout, Incident of National Significance, with NRP activation, all ICS positions activated)</td>
<td>Greatly extended (Incident expected to last multiple operational periods, with written IAP for each OP)</td>
<td>Resources: 50-200 (local or regional callout possible; some ICS positions activated)</td>
<td>Type 1</td>
</tr>
</tbody>
</table>

### Private Sector

- **Crisis Management Team**
- **Incident Management Team**
- **Emergency Response Team**

### NIMS Typing

- **Type 5**
- **Type 4**
- **Type 3**
- **Type 2**
- **Type 1**
# Emergency Response Organizations

<table>
<thead>
<tr>
<th>Emergency Response / On-Site</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency Response Team (Tactical &amp; Strategic)</td>
</tr>
<tr>
<td>Actions taken by tactical responders at an incident scene to directly attack the problem and its consequences.</td>
</tr>
<tr>
<td>Incident Management Team (Strategic)</td>
</tr>
<tr>
<td>Actions taken at and/or away from the incident scene to support tactical response operations, facilitate planning, and address the concerns of the public and government agencies.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Offsite / Crisis Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crisis Management Team (Strategic)</td>
</tr>
<tr>
<td>Actions taken by management personnel to support emergency response operations, and to address the implications of the problem and its potential on the Company’s viability, operability, and credibility.</td>
</tr>
</tbody>
</table>
Incident Management Teams

Initial Response
- Local Business Unit Personnel
- Contractors
- Local Agencies

Prolong Response
- Local Business Unit Personnel
- Business Strike Teams
- Business Regional and World-Wide Teams
- Contractors
- FOSC, SOSC, LOSC & Tribal
ICS in the Private Sector

ICS vs IMS Command Structures

**Single Command**
- Command (Industry Owner/Operator)
  - Operations Section
  - Planning Section
  - Logistics Section
  - Finance/Admin Section

**Coordinated Command (IMS)** *
- Command (Industry Owner/Operator)
  - Operations Section
  - Logistics Section
  - Finance/Admin Section
- Inter-Organization Liaison
- Coordinated Actions
- Command (Government)
  - Operations Section
  - Planning Section
  - Logistics Section
  - Finance/Admin Section

*The concept and implementation of Coordinated Command is based on information from IPIECA OGP Report 517: Incident management system for the oil and gas industry, August 2014. It is not a fundamental concept found within the Incident Command System.

**Unified Command**
- Command (Government and Industry Owner/Operator)
  - Operations Section
  - Planning Section
  - Logistics Section
  - Finance/Admin Section
ICS in the Private Sector

Planning Cycle

Reactive Phase vs. Proactive Phase

**Reactive**
- Initial Response – First Operational Period (Emergency OPS Phase)
  - FIRST 6 - 48 HOURS
    - Incident Occurs
    - Initial Assessment/Implement Response Plan
    - Order Resources
    - Implement Tactics
    - Monitor Progress
  - New Operational Period Begins

**Proactive**
- Continue Supporting Current Operations & Plan for Next Operational Period (Planning Phase)
  - INCIDENT ON-GOING
    - Continue supporting/managing current operations
      - Develop Objectives
      - Develop Strategies
      - Develop Tactics
      - Develop Plans – IAP (Work Assignments)
      - Order/Assign Resources
      - Implement Plan (Monitor Progress)

The Planning Cycle

X = Proactive Phase Start Time

Reactive Phase
- Pre for IC/UC Objectives Mtg
- Situation Status Update
- Initial IC/UC Meeting
- Incident Brief ICS Form 201
- Initial Response & Assessment

Proactive Phase
- Pre for Tactics
- Command & General Staff Meeting
- IC/UC Objectives Meeting
- Prep for Planning
- Planning Meeting
- IAP Prep & Approval
- Operations Briefing

6 – 48 Hours
- Reactive Phase can last from 6-48 Hours
- The Planning Cycle

X+5hrs
Tactics Meeting
Prep for Planning
Planning Meeting
X+1hr
Command & General Staff Meeting
X
IC/UC Objectives Meeting
Execute Plan & Assess Progress
New Operational Period Begins
X+7hrs
IAP Prep & Approval
Operations Briefing
X+9hrs
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Preparedness Exercises

Jurisdictional Requirement

- Oil Pollution Act of 1990
  Preparedness Readiness Exercise Program (PREP)
  - U. S. Environment Protection Agency
  - U. S. Coast Guard
  - U. S. Department of Transportation
  - Bureau of Safety and Environmental Enforcement

- Maritime Transportation Security Act of 2002
  Area Maritime Security Training and Exercise Program (AMSTEP)
  - U. S. Coast Guard
National PREP

- Satisfies the exercise requirements of the USCG, EPA, DOT PHMSA and the DOI – BSEE

- Provides guidance for exercises
  - U. S. Coast Guard Regulated Vessels and Marine Transportation-Related Facilities
  - EPA Regulated Onshore and Certain Non-Transportation Related Facilities Landward of the Coast Line
  - Onshore Transportation Related Pipelines
  - Offshore Facilities

- Exercises 15 Response Plan Core Components in a three-year cycle
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Case Study

ICS Organization

PROCESS..........STRUCTURE..........COMMUNICATIONS

CORPORATE LEADERSHIP

EMERGENCY SUPPORT GROUPS

INCIDENT MANAGEMENT TEAM

EMERGENCY RESPONSE TEAM
ICS in the Private Sector

Providence River Exercise – August 2011

ICP Personnel
Federal Agencies 68
State Agencies 7
Local Agencies 11
ExxonMobil 73
Contractors 31

Hypothetical Incident
Vessel Offloading Operations
Vessel Surged and Ruptured Line
5,000 bbls in Providence River

Two Day Exercise
Day One – Initial Response
Day Two – NARRT personnel
Response Plans Used

- Facility/Vessel Standard Operating Procedures
- Facility Response Plan
- Geographic Response Plans
- Area Contingency Plans
After Action Report

- Executive Summary
- List of Exercise Participants
- Lessons Learned/Action Items
- Exercise Packets/Manuals
- Initial Incident Action Plan
- Detailed Incident Action Plan
- PREP Objectives
- Equipment Deployment
- Photographs
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Goal Review

Planning Cycle

Regulations

After Action Reports

Incidents/Exercises

Plans

Organizations