



Dust Explosion Incident Response & Coordination



Objectives

- ★ Introduction to NIMS
 - History
 - Concepts
 - National Response Framework
- ★ Introduction to ICS
 - History
 - Concepts
 - Implementation



NIMS

- ★ National Incident Management System
- ★ Implemented under HSD PD-5
 - February 2003
 - Finalized March 2004
- ★ Integrate all Federal gov't domestic plans into one “all disciplines, all hazards plan”
- ★ Under authority of Secretary of Homeland Security
- ★ Mandated Federal use beginning in FY '05

NIMS is...

- ★ Intended to enhance ability of US to prepare for & manage domestic incidents
- ★ Comprehensive, nationwide systematic approach to incident management
- ★ Core set of doctrine, concepts, principles, terminology & organizational processes for all hazards



NIMS is...

- ★ Essential principles for common operating picture & interoperability of communications & information management
- ★ Standardized resource management procedures for coordination among different jurisdictions & organizations
- ★ Scalable & applicable for all incidents



NIMS Benefits

- ★ Enhances organizational & technological interoperability & cooperation
- ★ Provides scalable & flexible framework with universal applicability
- ★ Promotes all-hazards preparedness



NIMS Benefits

- ★ Enables wide variety of organizations to participate effectively in emergency management/incident response
- ★ Institutionalizes professional emergency management/incident response practices



NIMS Applies to...

- ★ Any occasion in which:
 - Federal agency requests assistance
 - State & local resources overwhelmed
 - Multiple Federal agencies involved
 - Directed by President
- ★ All Federal agencies
- ★ State & local agencies when requesting Federal assistance



NIMS Applies to...

- ★ State & local agencies accepting Federal preparedness assistance
- ★ Private & NGO's partnering with Federal agencies
- ★ Elected & appointed officials & policy makers



NIMS Applies to...

- ★ All domestic incidents
- ★ Any “emergency” or “major disaster”
 - Threats or acts of terrorism severe enough to warrant framework implementation



All Hazards/All Disciplines

- ★ Natural disasters
 - Floods, earthquakes, hurricanes, etc.
- ★ Accidents
 - Hazmat, industrial accidents, etc.
- ★ Civil or political incidents
 - Riots, strikes, etc.
- ★ Terrorist or criminal incidents
- ★ Significant events & designated special events



All Hazards/All Disciplines

- ★ Emphasizes “unity of effort” among all levels of gov’t
- ★ Places emphasis on awareness, prevention & preparedness as was traditionally placed on response & recovery



NIMS Components

- ★ Builds on existing, proven structures such as Incident Command System (ICS), to create proactive system to assist responders
- ★ Unites emergency management & incident response nationwide
- ★ Components link together & work in unison to form larger & comprehensive incident management system (IMS)

NIMS Components

- ★ Preparedness
- ★ Communications & information management
- ★ Resource management
- ★ Command & management
- ★ Ongoing management & maintenance

NIMS

- ★ Reaches across all phases of incident management
 - Preparedness/Prevention
 - Response
 - Recovery
 - Mitigation

NIMS is Not...

- ★ Response plan
- ★ Only used during large-scale incidents
- ★ Only applicable to certain emergency management/incident response personnel
- ★ Only Incident Command System or organizational chart



ICS

- ★ Incident Command System
- ★ Several different ICSs
 - Firescope (So. CA)
 - NIIMS (Federal)
 - NFA (Federal)
 - Fireground (Phoenix, AZ)
- ★ NIMS ICS blends best of above



ICS

- ★ Incident Command System is **management tool** in **standardized format** designed primarily for emergency incidents but can & is used in non-emergency situations, natural & man-made
- ★ Can be used from **smallest** incident to once-in-lifetime **catastrophe** involving multiple agencies or jurisdictions



ICS

- ★ Fundamental form of management established in **standard format**, with purpose of enabling incident managers to identify key concerns associated with incident without sacrificing attention to any component of command system

ICS

- ★ Structured to facilitate activities in 5 major functional areas
 - Command
 - Operations
 - Planning
 - Logistics
 - Finance/Administration
- ★ Intelligence/Investigations is optional 6th functional area activated on case-by-case basis

NIMS & ICS

- ★ Core principles
 - Common terminology
 - Modular organization
 - Management by objectives
 - Reliance on Incident Action Plan
 - Manageable span-of-control
 - Pre-designated Incident Mobilization Centers & facilities
 - Comprehensive resource management
 - Integrated communications
 - Establishment & transfer of Command
 - Chain of Command & Unity of Command
 - Unified Command
 - Accountability of resources & personnel
 - Dispatch/Deployment
 - Information & Intelligence management

Command

- ★ Incident Commander (IC)
 - Responsible for overall incident management
- ★ Command Staff
 - Public Information Officer (PIO)
 - ◆ Interface with public, media & other agencies for information
 - Safety Officer (SO)
 - ◆ Advises IC on responder health & safety



Command

- ★ Command Staff (cont'd)
 - Liaison Officer (LNO)
 - ◆ POC for all outside agency contacts except media
 - Others as needed
 - ◆ Legal Advisor
 - ◆ Medical Advisor



Unified Command

- ★ Individual ICs jointly determine objectives, plans & priorities
- ★ Intended to overcome inefficiency & duplication of effort between different functional & geographic jurisdictions



General Staff

- ★ IM personnel who represent major functional elements
 - Planning Section Chief
 - ◆ Provides planning services for incident
 - Operations Section Chief
 - ◆ Manages all tactical operations of incident
 - Logistics Section Chief
 - ◆ Provides all incident support needs, except Air Ops
 - Finance/Administration Section Chief
 - ◆ Manages all financial aspects of incident

Incident Action Plan (IAP)

- ★ Every incident must have action plan
 - Not all incidents require written plans
- ★ Overall incident priorities, objectives, strategies & tactics established by IC/UC
- ★ Planning develops & documents IAP
- ★ Most initial response operations not captured with formal IAP

Incident Action Plan (IAP)

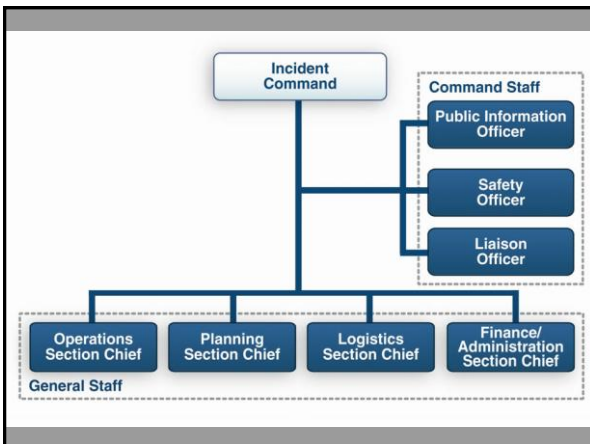
- ★ If incident is likely to extend beyond 1 operational period, become more complex, or involve multiple jurisdictions &/or agencies, preparing written IAP will become increasingly important to maintain effective, efficient & safe operations

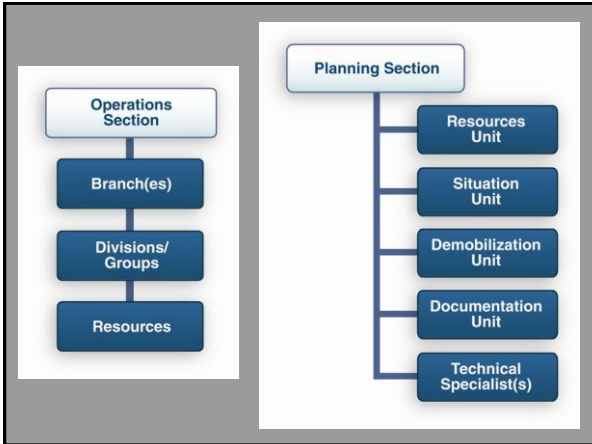
NIMS vs. ICS

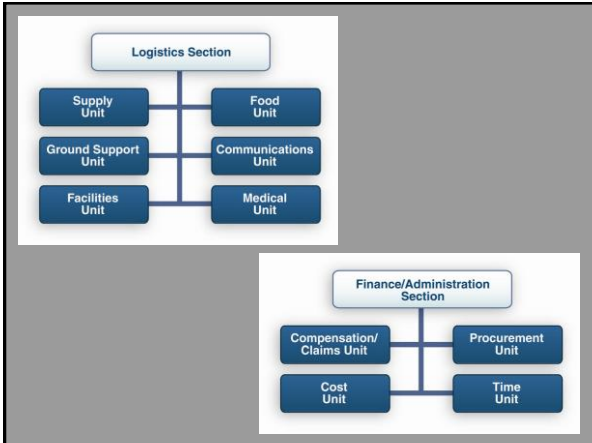
- ★ Command
- ★ Operations
- ★ Planning
- ★ Logistics
- ★ Finance/Administration
- ★ *Intelligence/Investigations*

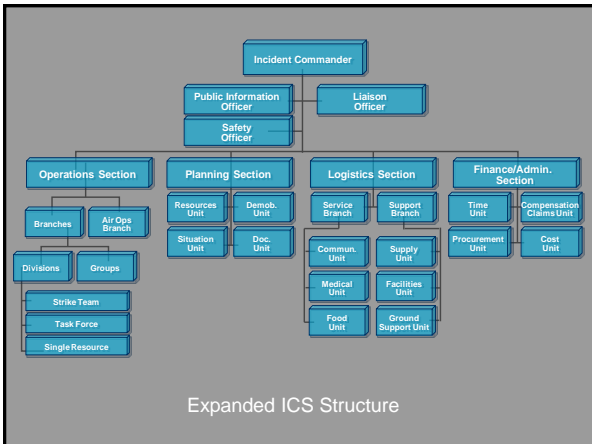
NIMS ICS

- ★ With the exception of intelligence function, principles & concepts of NIMS are *identical* to traditional ICS









NIMS Online Courses

- ★ Free!
- ★ At your pace & convenience
- ★ Very well done
- ★ Certificate awarded within minutes



Training Guidelines

- ★ Entry level 1st responders & disaster workers
 - Federal/state/local/tribal/private sector & NGO personnel to include:
 - ◆ EMS
 - ◆ Firefighters
 - ◆ Hospital staff
 - ◆ Law enforcement
 - ◆ Public health
 - ◆ Public works/utilities
 - ◆ Skilled support personnel
- ★ FEMA IS-700: NIMS, An Introduction
- ★ ICS-100: Introduction to ICS or equivalent



Training Guidelines

- ★ First line supervisors
 - Federal/state/local/tribal/private sector & NGO personnel to include:
 - ◆ Single resource leaders
 - ◆ Field supervisors
 - ◆ Other EM/response personnel who require higher level of ICS/NIMS training
- ★ FEMA IS-700: NIMS, An Introduction
- ★ ICS-100: Introduction to ICS or equivalent
- ★ ICS-200: Basic ICS or equivalent



Training Guidelines

- ★ Middle management
 - Federal/state/local/tribal/private sector & NGO personnel to include:
 - ◆ Strike team leaders
 - ◆ Task force leaders
 - ◆ Unit leaders
 - ◆ Division/group supervisors
 - ◆ Branch directors
 - ◆ Multi-agency coordination system/EOC staff
- ★ FEMA IS-700: NIMS, An Introduction
- ★ FEMA IS-800: National Response Plan (NRP), An Introduction
- ★ ICS-100: Introduction to ICS or equivalent
- ★ ICS-200: Basic ICS or equivalent
- ★ ICS-300: Intermediate ICS or equivalent

Training Guidelines

- ★ Command & General Staff
 - Federal/state/local/tribal/private sector & NGO personnel to include:
 - ◆ Select department heads with MACS responsibilities
 - ◆ Area commanders
 - ◆ Emergency managers
 - ◆ MACS/EOC managers
- ★ FEMA IS-700: NIMS, An Introduction
- ★ FEMA IS-800: National Response Plan (NRP), An Introduction
- ★ ICS-100: Introduction to ICS or equivalent
- ★ ICS-200: Basic ICS or equivalent
- ★ ICS-300: Intermediate ICS or equivalent
- ★ ICS-400: Advanced ICS or equivalent

For Help

- ★ www.fema.gov/emergency/nims/index.shtml
- ★ www.training.fema.gov/IS/
- ★ www.osha.gov/SLTC/etools/ics/index.html
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