



FEMA



ICS-400: Advanced ICS

Command and General Staff - Complex Incidents

Student Manual

September 2011



FEMA

**ICS-400 – ADVANCED ICS FOR COMMAND AND GENERAL STAFF,
COMPLEX INCIDENTS, AND MACS**

**STUDENT MANUAL
SEPTEMBER 2011**

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UNIT 1: COURSE OVERVIEW

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Visuals

Unit 1:
Course Overview

**Advanced ICS for
Command and
General Staff,
Complex Incidents,
and MACS**



Visual 1.1
Course Overview

ICS-400 Course Goals

- Explain how major incidents pose special management challenges.
- Describe the circumstances in which an Area Command is established.
- Describe the circumstances in which Multiagency Coordination Systems are established.

This course is designed for senior personnel who are expected to perform in a management capacity in an Area Command or Multiagency Coordination System.

Visual 1.2
Course Overview

Your Notes

Student Introductions



- Name, job title, and organization
- Overall experience with emergency or incident response
- Incident Command System qualifications and most recent ICS experience

Visual 1.3
Course Overview

Expectations

What do you expect to gain from this course?

Visual 1.4
Course Overview

Your Notes

Visuals

Instructor Expectations

- Cooperate with the group.
- Be open minded to new ideas.
- Participate actively in all of the training activities and exercises.
- Return to class at the stated time.
- Use what you learn in the course to perform effectively within an ICS organization.



ICS Challenges in Complex Incidents



What challenges do you face in managing complex incidents?



Your Notes

Course Structure

Unit 1: Course Overview	Unit 2: Fundamentals Review
Unit 3: Major and/or Complex Incident/ Event Management	Unit 4: Area Command
Unit 5: Multiagency Coordination	Unit 6: Course Summary

Course Logistics

- Course agenda
- Sign-in sheet
- Housekeeping
 - Breaks
 - Message and telephone location
 - Cell phone policy
 - Facilities
 - Other concerns



Your Notes

Visuals

Successful Course Completion

- Participate in unit activities/exercises.
- Achieve 70% or higher on the final exam.
- Complete the end-of-course evaluation.



View the sample agenda on the next page.



Your Notes

**ICS-400: Advanced ICS for
Command and General Staff, Complex Incidents, and MACS
Sample Agenda**

DAY 1

Morning Session

- Unit 1: Course Overview (1 hour)
- Unit 2: Fundamentals Review for Command and General Staff (3 hours)

Afternoon Session

- Unit 3: Major and/or Complex Incident/Event Management (2 hours 30 minutes)

DAY 2

Morning Session

- Unit 4: Area Command (3 hours)

Afternoon Session

- Unit 5: Multiagency Coordination (3 hours)
- Unit 6: Course Summary (1 hour)

**UNIT 2: FUNDAMENTALS REVIEW FOR COMMAND
AND GENERAL STAFF**

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Visuals

Unit 2:
Fundamentals
Review for
Command and
General Staff



Visual 2.1
Fundamentals Review for Command and General Staff

Unit Objectives (1 of 2)

- Describe types of agency(ies) policies, guidelines, and agreements that influence management of incident or event activities.
- Describe issues that influence incident complexity and the tools available to analyze complexity.
- Describe the process for transfer of command.
- Describe the primary guidelines and responsibilities of the Command and General Staff positions.
- List the major steps in the planning process.

Visual 2.2
Fundamentals Review for Command and General Staff

Your Notes

Unit Objectives (2 of 2)

- Describe the purposes and responsibilities of Agency Representatives or technical specialists, reporting relationships, and how they can be used effectively within the incident organization.
- Define the advantages of Unified Command and list the kinds of situations that may call for a Unified Command organization.
- Describe how Unified Command functions on a multijurisdiction or multiagency incident.

Visual 2.3
Fundamentals Review for Command and General Staff

Review Activity

Follow instructions . . .

- Presented by instructors.
- Outlined on handouts.



Visual 2.4
Fundamentals Review for Command and General Staff

Your Notes

Visuals

Review Activity: Instructions

1. You will be assigned to one of five teams. Each team will select a leader.
2. Each team will be given an assigned area. During the next 75 minutes, each team will develop a 10- to 15-minute presentation that:
 - Is based on the scenario.
 - Addresses all assigned questions.
 - Uses chart paper to create visual displays and bullet items summarizing key points.
 - Allows ALL team members to have a role during the presentation.
3. Use the review materials in your Student Manuals to help formulate your presentations!



Complete the activity before proceeding.

Your Notes

Review Materials

Incident Command System (ICS)

ICS was developed in the 1970s following a series of catastrophic fires in California's urban interface. Property damage ran into the millions, and many people died or were injured. The personnel assigned to determine the causes of these outcomes studied the case histories and discovered that response problems could rarely be attributed to lack of resources or failure of tactics. Surprisingly, studies found that response problems were far more likely to result from inadequate management than from any other single reason.

The Incident Command System:

- Is a standardized management tool for meeting the demands of small or large emergency or nonemergency situations.
- Represents "best practices" and has become the standard for emergency management across the country.
- May be used for planned events, natural disasters, and acts of terrorism.
- Is a key feature of the National Incident Management System (NIMS).

ICS is a management system designed to enable effective and efficient domestic incident management by integrating a combination of facilities, equipment, personnel, procedures, and communications operating within a common organizational structure, designed to enable effective and efficient domestic incident management. A basic premise of ICS is that it is widely applicable. It is used to organize both near-term and long-term field-level operations for a broad spectrum of emergencies, from small to complex incidents, both natural and manmade. ICS is used by all levels of government—Federal, State, local, and tribal—as well as by many private-sector and nongovernmental organizations. ICS is also applicable across disciplines. It is normally structured to facilitate activities in five major functional areas: command, operations, planning, logistics, and finance and administration.

Review Materials

Incident Complexity

“Incident complexity” is the combination of involved factors that affect the probability of control of an incident. Many factors determine the complexity of an incident, including, but not limited to, area involved, threat to life and property, political sensitivity, organizational complexity, jurisdictional boundaries, values at risk, weather, strategy and tactics, and agency policy.

Incident complexity is considered when making incident management level, staffing, and safety decisions.

Various analysis tools have been developed to assist consideration of important factors involved in incident complexity. Listed below are the factors that may be considered in analyzing incident complexity:

- Impacts to life, property, and the economy
- Community and responder safety
- Potential hazardous materials
- Weather and other environmental influences
- Likelihood of cascading events
- Potential crime scene (including terrorism)
- Political sensitivity, external influences, and media relations
- Area involved, jurisdictional boundaries
- Availability of resources

Review Materials

ICS Features

The 14 essential ICS features are listed below.

Standardization

- **Common Terminology:** Using common terminology helps to define organizational functions, incident facilities, resource descriptions, and position titles.

Command

- **Establishment and Transfer of Command:** The command function must be clearly established from the beginning of an incident. When command is transferred, the process must include a briefing that captures all essential information for continuing safe and effective operations.
- **Chain of Command and Unity of Command:** Chain of command refers to the orderly line of authority within the ranks of the incident management organization. Unity of command means that every individual has a designated supervisor to whom he or she reports at the scene of the incident. These principles clarify reporting relationships and eliminate the confusion caused by multiple, conflicting directives. Incident managers at all levels must be able to control the actions of all personnel under their supervision.
- **Unified Command:** In incidents involving multiple jurisdictions, a single jurisdiction with multiagency involvement, or multiple jurisdictions with multiagency involvement, Unified Command allows agencies with different legal, geographic, and functional authorities and responsibilities to work together effectively without affecting individual agency authority, responsibility, or accountability.

Planning/Organizational Structure

- **Management by Objectives:** Includes establishing overarching objectives; developing strategies based on incident objectives; developing and issuing assignments, plans, procedures, and protocols; establishing specific, measurable objectives for various incident management functional activities and directing efforts to attain them, in support of defined strategies; and documenting results to measure performance and facilitate corrective action.
- **Modular Organization:** The Incident Command organizational structure develops in a modular fashion that is based on the size and complexity of the incident, as well as the specifics of the hazard environment created by the incident.
- **Incident Action Planning:** Incident Action Plans (IAPs) provide a coherent means of communicating the overall incident objectives in the context of both operational and support activities.
- **Manageable Span of Control:** Span of control is key to effective and efficient incident management. Within ICS, the span of control of any individual with incident management supervisory responsibility should range from three to seven subordinates.

Review Materials

ICS Features (Continued)

Facilities and Resources

- **Incident Locations and Facilities:** Various types of operational support facilities are established in the vicinity of an incident to accomplish a variety of purposes. Typical designated facilities include Incident Command Posts, Bases, Camps, Staging Areas, Mass Casualty Triage Areas, and others as required.
- **Comprehensive Resource Management:** Maintaining an accurate and up-to-date picture of resource utilization is a critical component of incident management. Resources are defined as personnel, teams, equipment, supplies, and facilities available or potentially available for assignment or allocation in support of incident management and emergency response activities.

Communications/Information Management

- **Integrated Communications:** Incident communications are facilitated through the development and use of a common communications plan and interoperable communications processes and architectures.
- **Information and Intelligence Management:** The incident management organization must establish a process for gathering, analyzing, sharing, and managing incident-related information and intelligence.

Professionalism

- **Accountability:** Effective accountability at all jurisdictional levels and within individual functional areas during incident operations is essential. To that end, the following principles must be adhered to:
 - **Check-In:** All responders, regardless of agency affiliation, must report in to receive an assignment in accordance with the procedures established by the Incident Commander.
 - **Incident Action Plan:** Response operations must be directed and coordinated as outlined in the IAP.
 - **Unity of Command:** Each individual involved in incident operations will be assigned to only one supervisor.
 - **Personal Responsibility:** All responders are expected to use good judgment and be accountable for their actions.
 - **Span of Control:** Supervisors must be able to adequately supervise and control their subordinates, as well as communicate with and manage all resources under their supervision.
 - **Resource Tracking:** Supervisors must record and report resource status changes as they occur.
- **Dispatch/Deployment:** Personnel and equipment should respond only when requested or when dispatched by an appropriate authority.

Review Materials

Transfer of Command

The process of moving the responsibility for incident command from one Incident Commander to another is called “transfer of command.” It should be recognized that transfer of command on an expanding incident is to be expected. It does not reflect on the competency of the current Incident Commander.

There are five important steps in effectively assuming command of an incident in progress.

Step 1: The incoming Incident Commander should, if at all possible, personally perform an assessment of the incident situation with the existing Incident Commander.

Step 2: The incoming Incident Commander must be adequately briefed.

This briefing must be by the current Incident Commander, and take place face-to-face if possible. The briefing must cover the following:

- Incident history (what has happened)
- Priorities and objectives
- Current plan
- Resource assignments
- Incident organization
- Resources ordered/needed
- Facilities established
- Status of communications
- Any constraints or limitations
- Incident potential
- Delegation of authority

The ICS Form 201 is especially designed to assist in incident briefings. It should be used whenever possible because it provides a written record of the incident as of the time prepared. The ICS Form 201 contains:

- Incident objectives.
- A place for a sketch map.
- Summary of current actions.
- Organizational framework.
- Resources summary.

Step 3: After the incident briefing, the incoming Incident Commander should determine an appropriate time for transfer of command.

Step 4: At the appropriate time, notice of a change in incident command should be made to:

- Agency headquarters (through dispatch).
- General Staff members (if designated).
- Command Staff members (if designated).
- All incident personnel.

Review Materials

Transfer of Command (Continued)

Step 5: The incoming Incident Commander may give the previous Incident Commander another assignment on the incident. There are several advantages to this:

- The initial Incident Commander retains first-hand knowledge at the incident site.
- This strategy allows the initial Incident Commander to observe the progress of the incident and to gain experience.

Modular Organization

Standardization of the ICS organizational chart and associated terms does not limit the flexibility of the system. (See the chart on the next page.)

A key principle of ICS is its flexibility. The ICS organization may be expanded easily from a very small size for routine operations to a larger organization capable of handling catastrophic events.

Flexibility does not mean that the ICS feature of common terminology is superseded. Note that flexibility is allowed within the standard ICS organizational structure and position titles.

Position Titles

At each level within the ICS organization, individuals with primary responsibility positions have distinct titles. Titles provide a common standard for all users. For example, if one agency uses the title Branch Chief, another Branch Manager, etc., this lack of consistency can cause confusion at the incident.

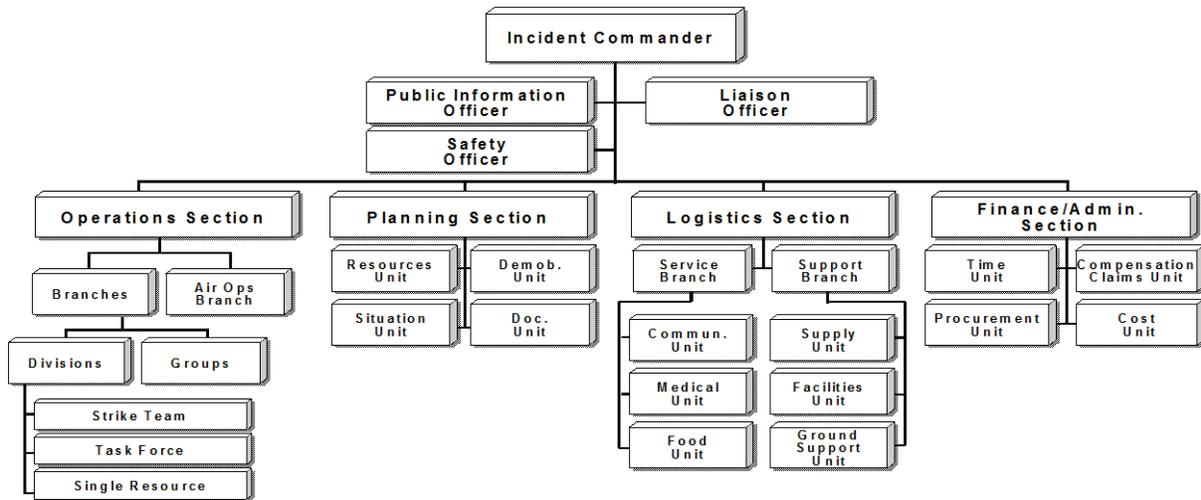
The use of distinct titles for ICS positions allows for filling ICS positions with the most qualified individuals rather than by seniority. Standardized position titles are useful when requesting qualified personnel. For example, in deploying personnel, it is important to know if the positions needed are Unit Leaders, clerks, etc.

Listed below are the standard ICS titles:

Organizational Level	Title	Support Position
Incident Command	Incident Commander	Deputy
Command Staff	Officer	Assistant
General Staff (Section)	Chief	Deputy
Branch	Director	Deputy
Division/Group	Supervisor	N/A
Unit	Leader	Manager
Strike Team/Task Force	Leader	Single Resource Boss

Review Materials

ICS Organization



- **Command Staff:** The Command Staff consists of the Public Information Officer, Safety Officer, and Liaison Officer. They report directly to the Incident Commander.
- **Section:** The organization level having functional responsibility for primary segments of incident management (Operations, Planning, Logistics, Finance/Administration). The Section level is organizationally between Incident Commander and Branch.
- **Branch:** The organizational level having functional, geographical, or jurisdictional responsibility for major parts of the incident operations. The Branch level is organizationally between Section and Division/Group in the Operations Section, and between Section and Units in the Logistics Section. Branches are identified by the use of Roman numerals, by function, or by jurisdictional name.
- **Division:** The organizational level having responsibility for operations within a defined geographic area. The Division level is organizationally between Branch and Strike Team.
- **Group:** Groups are established to divide the incident into functional areas of operation. Groups are located between Branches (when activated) and Resources in the Operations Section.
- **Unit:** The organizational element having functional responsibility for a specific incident planning, logistics, or finance/administration activity.
- **Task Force:** A group of resources with common communications and a leader that may be preestablished and sent to an incident, or formed at an incident.
- **Strike Team:** Specified combination of the same kind and type of resources, with common communications and a leader.
- **Single Resource:** An individual piece of equipment and its personnel complement, or an established crew or team of individuals with an identified work supervisor that can be used on an incident.

Review Materials

Overall Organizational Functions

ICS was designed by identifying the primary activities or functions necessary to effectively respond to incidents. Analyses of incident reports and review of military organizations were all used in ICS development. These analyses identified the primary needs of incidents.

As incidents became more complex, difficult, and expensive, the need for an organizational manager became more evident. Thus in ICS, and especially in larger incidents, the Incident Commander manages the organization and not the incident.

In addition to the Command function, other desired functions and activities were:

- To delegate authority and to provide a separate organizational level within the ICS structure with sole responsibility for the tactical direction and control of resources.
- To provide logistical support to the incident organization.
- To provide planning services for both current and future activities.
- To provide cost assessment, time recording, and procurement control necessary to support the incident and the managing of claims.
- To promptly and effectively interact with the media, and provide informational services for the incident, involved agencies, and the public.
- To provide a safe operating environment within all parts of the incident organization.
- To ensure that assisting and cooperating agencies' needs are met, and to see that they are used in an effective manner.

Incident Commander

The Incident Commander is technically not a part of either the General or Command Staff. The Incident Commander is responsible for overall incident management, including:

- Ensuring clear authority and knowledge of agency policy.
- Ensuring incident safety.
- Establishing an Incident Command Post.
- Obtaining a briefing from the prior Incident Commander and/or assessing the situation.
- Establishing immediate priorities.
- Determining incident objectives and strategy (ies) to be followed.
- Establishing the level of organization needed, and continuously monitoring the operation and effectiveness of that organization.
- Managing planning meetings as required.
- Approving and implementing the Incident Action Plan.
- Coordinating the activities of the Command and General Staffs.
- Approving requests for additional resources or for the release of resources.
- Approving the use of participants, volunteers, and auxiliary personnel.
- Authorizing the release of information to the news media.
- Ordering demobilization of the incident when appropriate.
- Ensuring incident after-action reports are complete.
- Authorizing information release to the media.

Review Materials

Command Staff

The Command Staff is assigned to carry out staff functions needed to support the Incident Commander. These functions include interagency liaison, incident safety, and public information.

Command Staff positions are established to assign responsibility for key activities not specifically identified in the General Staff functional elements. These positions may include the Public Information Officer, Safety Officer, and Liaison Officer, in addition to various others, as required and assigned by the Incident Commander.

The table on the following page summarizes the responsibilities of the Command Staff.

General Staff

The General Staff represents and is responsible for the functional aspects of the incident command structure. The General Staff typically consists of the Operations, Planning, Logistics, and Finance/Administration Sections.

General guidelines related to General Staff positions include the following:

- Only one person will be designated to lead each General Staff position.
- General Staff positions may be filled by qualified persons from any agency or jurisdiction.
- Members of the General Staff report directly to the Incident Commander. If a General Staff position is not activated, the Incident Commander will have responsibility for that functional activity.
- Deputy positions may be established for each of the General Staff positions. Deputies are individuals fully qualified to fill the primary position. Deputies can be designated from other jurisdictions or agencies, as appropriate. This is a good way to bring about greater interagency coordination.
- General Staff members may exchange information with any person within the organization. Direction takes place through the chain of command. This is an important concept in ICS.
- General Staff positions should not be combined. For example, to establish a "Planning and Logistics Section," it is better to initially create the two separate functions, and if necessary for a short time place one person in charge of both. That way, the transfer of responsibility can be made easier.

The following table summarizes the responsibilities of the Command and General Staffs.

Review Materials

Command Staff	Responsibilities
Public Information Officer	<ul style="list-style-type: none"> ▪ Determine, according to direction from the Incident Commander, any limits on information release. ▪ Develop accurate, accessible, and timely information for use in press/media briefings. ▪ Obtain Incident Commander's approval of news releases. ▪ Conduct periodic media briefings. ▪ Arrange for tours and other interviews or briefings that may be required. ▪ Monitor and forward media information that may be useful to incident planning. ▪ Maintain current information, summaries, and/or displays on the incident. ▪ Make information about the incident available to incident personnel. ▪ Participate in the planning meeting.
Safety Officer	<ul style="list-style-type: none"> ▪ Identify and mitigate hazardous situations. ▪ Ensure safety messages and briefings are made. ▪ Exercise emergency authority to stop and prevent unsafe acts. ▪ Review the Incident Action Plan for safety implications. ▪ Assign assistants qualified to evaluate special hazards. ▪ Initiate preliminary investigation of accidents within the incident area. ▪ Review and approve the Medical Plan. ▪ Participate in planning meetings.
Liaison Officer	<ul style="list-style-type: none"> ▪ Act as a point of contact for agency representatives. ▪ Maintain a list of assisting and cooperating agencies and agency representatives. ▪ Assist in setting up and coordinating interagency contacts. ▪ Monitor incident operations to identify current or potential interorganizational problems. ▪ Participate in planning meetings, providing current resource status, including limitations and capabilities of agency resources. ▪ Provide agency-specific demobilization information and requirements.
Assistants	<p>In the context of large or complex incidents, Command Staff members may need one or more assistants to help manage their workloads. Each Command Staff member is responsible for organizing his or her assistants for maximum efficiency.</p>
Additional Command Staff	<p>Additional Command Staff positions may also be necessary depending on the nature and location(s) of the incident, and/or specific requirements established by the Incident Commander. For example, a Legal Counsel may be assigned directly to the Command Staff to advise the Incident Commander on legal matters, such as emergency proclamations, legality of evacuation orders, and legal rights and restrictions pertaining to media access. Similarly, a Medical Advisor may be designated and assigned directly to the Command Staff to provide advice and recommendations to the Incident Commander in the context of incidents involving medical and mental health services, mass casualty, acute care, vector control, epidemiology, and/or mass prophylaxis considerations, particularly in the response to a bioterrorism event.</p>

Review Materials

General Staff	Responsibilities
<p>Operations Section Chief</p>	<p>The Operations Section Chief is responsible for managing all tactical operations at an incident. The Incident Action Plan (IAP) provides the necessary guidance. The need to expand the Operations Section is generally dictated by the number of tactical resources involved and is influenced by span of control considerations.</p> <p>Major responsibilities of the Operations Section Chief are to:</p> <ul style="list-style-type: none"> ▪ Assure safety of tactical operations. ▪ Manage tactical operations. ▪ Develop the operations portion of the IAP. ▪ Supervise execution of operations portions of the IAP. ▪ Request additional resources to support tactical operations. ▪ Approve release of resources from active operational assignments. ▪ Make or approve expedient changes to the IAP. ▪ Maintain close contact with Incident Commander, subordinate Operations personnel, and other agencies involved in the incident.
<p>Planning Section Chief</p>	<p>The Planning Section Chief is responsible for providing planning services for the incident. Under the direction of the Planning Section Chief, the Planning Section collects situation and resources status information, evaluates it, and processes the information for use in developing action plans. Dissemination of information can be in the form of the IAP, in formal briefings, or through map and status board displays.</p> <p>Major responsibilities of the Planning Section Chief are to:</p> <ul style="list-style-type: none"> ▪ Collect and manage all incident-relevant operational data. ▪ Supervise preparation of the IAP. ▪ Provide input to the Incident Commander and Operations in preparing the IAP. ▪ Incorporate Traffic, Medical, and Communications Plans and other supporting materials into the IAP. ▪ Conduct and facilitate planning meetings. ▪ Reassign personnel within the ICS organization. ▪ Compile and display incident status information. ▪ Establish information requirements and reporting schedules for units (e.g., Resources, Situation Units). ▪ Determine need for specialized resources. ▪ Assemble and disassemble Task Forces and Strike Teams not assigned to Operations. ▪ Establish specialized data collection systems as necessary (e.g., weather). ▪ Assemble information on alternative strategies. ▪ Provide periodic predictions on incident potential. ▪ Report significant changes in incident status. ▪ Oversee preparation of the Demobilization Plan.

Review Materials

General Staff	Responsibilities
<p>Logistics Section Chief</p>	<p>The Logistics Section Chief provides all incident support needs with the exception of logistics support to air operations. The Logistics Section is responsible for providing:</p> <ul style="list-style-type: none"> ▪ Facilities. ▪ Transportation. ▪ Communications. ▪ Supplies. ▪ Equipment maintenance and fueling. ▪ Food services (for responders). ▪ Medical services (for responders). ▪ All off-incident resources. <p>Major responsibilities of the Logistics Section Chief are to:</p> <ul style="list-style-type: none"> ▪ Provide all facilities, transportation, communications, supplies, equipment maintenance and fueling, food and medical services for incident personnel, and all off-incident resources. ▪ Manage all incident logistics. ▪ Provide logistical input to the IAP. ▪ Brief Logistics Staff as needed. ▪ Identify anticipated and known incident service and support requirements. ▪ Request additional resources as needed. ▪ Ensure and oversee the development of the Communications, Medical, and Traffic Plans as required. ▪ Oversee demobilization of the Logistics Section and associated resources.
<p>Finance/ Administration Section Chief</p>	<p>The Finance/Administration Section Chief is responsible for managing all financial aspects of an incident. Not all incidents will require a Finance/Administration Section. Only when the involved agencies have a specific need for finance services will the Section be activated.</p> <p>Major responsibilities of the Finance/Administration Section Chief are to:</p> <ul style="list-style-type: none"> ▪ Manage all financial aspects of an incident. ▪ Provide financial and cost analysis information as requested. ▪ Ensure compensation and claims functions are being addressed relative to the incident. ▪ Gather pertinent information from briefings with responsible agencies. ▪ Develop an operating plan for the Finance/Administration Section and fill Section supply and support needs. ▪ Determine the need to set up and operate an incident commissary. ▪ Meet with assisting and cooperating agency representatives as needed. ▪ Maintain daily contact with agency(s) headquarters on finance matters. ▪ Ensure that personnel time records are completed accurately and transmitted to home agencies. ▪ Ensure that all obligation documents initiated at the incident are properly prepared and completed. ▪ Brief agency administrative personnel on all incident-related financial issues needing attention or followup. ▪ Provide input to the IAP.

Review Materials

Agency Representatives

An Agency Representative is an individual assigned to an incident from an assisting or cooperating agency. The Agency Representative must be given authority to make decisions on matters affecting that agency's participation at the incident.

Agency Representatives report to the Liaison Officer or to the Incident Commander in the absence of a Liaison Officer.

Major responsibilities of the Agency Representative are to:

- Ensure that all of their agency resources have completed check-in at the incident.
- Obtain briefing from the Liaison Officer or Incident Commander.
- Inform their agency personnel on the incident that the Agency Representative position has been filled.
- Attend planning meetings as required.
- Provide input to the planning process on the use of agency resources unless resource technical specialists are assigned from the agency.
- Cooperate fully with the Incident Commander and the Command and General Staffs on the agency's involvement at the incident.
- Oversee the well-being and safety of agency personnel assigned to the incident.
- Advise the Liaison Officer of any special agency needs, requirements, or agency restrictions.
- Report to agency dispatch or headquarters on a prearranged schedule.
- Ensure that all agency personnel and equipment are properly accounted for and released prior to departure.
- Ensure that all required agency forms, reports, and documents are complete prior to departure.
- Have a debriefing session with the Liaison Officer or Incident Commander prior to departure.

Technical Specialists

Certain incidents or events may require the use of technical specialists who have specialized knowledge and expertise. Technical specialists may function within the Planning Section, or be assigned wherever their services are required.

While each incident dictates the need for technical specialists, some examples of the more commonly used specialists are:

- Meteorologists.
- Environmental Impact Specialists.
- Flood Control Specialists.
- Water Use Specialists.
- Fuels and Flammable Materials Specialists.
- Hazardous Substance Specialists.
- Fire Behavior Specialists.
- Structural Engineers.
- Training Specialists.

Review Materials

Technical Specialists (Continued)

Additional advisory positions may also be necessary depending on the nature and location(s) of the incident, and/or specific requirements established by the Incident Commander. For example, a Legal Counsel may be assigned directly to the Command Staff to advise the Incident Commander on legal matters, such as emergency proclamations, legality of evacuation orders, and legal rights and restrictions pertaining to media access. Similarly, a Medical Advisor may be designated and assigned directly to the Command Staff to provide advice and recommendations to the Incident Commander in the context of incidents involving medical and mental health services, mass casualty, acute care, vector control, epidemiology, and/or mass prophylaxis considerations, particularly in the response to a bioterrorism event. These positions may also be considered technical specialists.

Intelligence/Investigations Function

- **The collection, analysis, and sharing of incident-related intelligence are important elements of ICS.**
 - Typically, operational information and situational intelligence are management functions located in the Planning Section, with a focus on three incident intelligence areas: situation status, resource status, and anticipated incident status or escalation (e.g., weather forecasts, location of supplies, etc.).
 - This information and intelligence is utilized for incident management decisionmaking. In addition, technical specialists may be utilized in the Planning Section to provide specific information that may support tactical decisions on an incident.
- **Incident management organizations must also establish a system for the collection, analysis, and sharing, as possible, of information developed during intelligence/investigations efforts.**
 - Some incidents require the utilization of intelligence and investigative information to support the process. Intelligence and investigative information is defined as information that either leads to the detection, prevention, apprehension, and prosecution of criminal activities (or the individuals(s) involved), including terrorist incidents, or information that leads to determination of the cause of a given incident (regardless of the source) such as public health events or fires with unknown origins.

Review Materials

Intelligence/Investigations Function (Continued)

- **ICS allows for organizational flexibility, so the Intelligence/Investigations Function can be embedded in several different places within the organizational structure:**
 - **Within the Planning Section.** This is the traditional placement for this function and is appropriate for incidents with little or no investigative information requirements, nor a significant amount of specialized information.
 - **As a Separate General Staff Section.** This option may be appropriate when there is an intelligence/investigative component to the incident or when multiple investigative agencies are part of the investigative process and/or there is a need for classified intelligence.
 - **Within the Operations Section.** This option may be appropriate for incidents that require a high degree of linkage and coordination between the investigative information and the operational tactics that are being employed.
 - **Within the Command Staff.** This option may be appropriate for incidents with little need for tactical information or classified intelligence and where supporting Agency Representatives are providing the real-time information to the Command element.
- **The mission of the Intelligence/Investigations Function is to ensure that all investigative and intelligence operations, functions, and activities within the incident response are properly managed, coordinated, and directed in order to:**
 - Prevent/deter additional activity, incidents, and/or attacks.
 - Collect, process, analyze, and appropriately disseminate intelligence information.
 - Conduct a thorough and comprehensive investigation.
 - Identify, process, collect, create a chain of custody for, safeguard, examine/analyze, and store all situational intelligence and/or probative evidence.
- **The Intelligence/Investigations Function has responsibilities that cross all departments' interests involved during an incident, but there are functions that remain specific to law enforcement response and/or mission areas.** Two examples of these are expeditious identification and apprehension of all perpetrators, and successful prosecution of all defendants.

Regardless of how the Intelligence/Investigations Function is organized, a close liaison will be maintained and information will be transmitted to Command, Operations, and Planning. However, classified information requiring a security clearance, sensitive information, or specific investigative tactics that would compromise the investigation will be shared only with those who have the appropriate security clearance and/or need to know.

Review Materials

Unified Command

The Unified Command organization consists of the Incident Commanders from the various jurisdictions or agencies operating together to form a single command structure.

Overview

Unified Command is an important element in multijurisdictional or multiagency domestic incident management. It provides guidelines to enable agencies with different legal, geographic, and functional responsibilities to coordinate, plan, and interact effectively.

As a team effort, Unified Command overcomes much of the inefficiency and duplication of effort that can occur when agencies from different functional and geographic jurisdictions, or agencies at different levels of government, operate without a common system or organizational framework.

All agencies with jurisdictional authority or functional responsibility for any or all aspects of an incident participate in the Unified Command structure and contribute to the following process and responsibilities:

- Determining overall incident strategies.
- Selecting objectives.
- Ensuring that joint planning for tactical activities is accomplished in accordance with approved incident objectives.
- Ensuring the integration of tactical operations.
- Approving, committing, and making optimal use of all assigned resources.

The exact composition of the Unified Command structure will depend on the location(s) of the incident (i.e., which geographical administrative jurisdictions are involved) and the type of incident (i.e., which functional agencies of the involved jurisdiction(s) are required). In the case of some multijurisdictional incidents, the designation of a single Incident Commander may be considered to promote greater unity of effort and efficiency.

Source: NIMS

Authority

Authority and responsibility for an Incident Commander to manage an incident or event comes in the form of a delegation of authority from the agency executive or administrator of the jurisdiction of occurrence or inherent in existing agency policies and procedures. When an incident/event spans multiple jurisdictions, this responsibility belongs to the various jurisdictional and agency executives or administrators who set policy and are accountable to their jurisdictions or agencies. They must appropriately delegate to the Unified Commanders the authority to manage the incident. Given this authority, the Unified Commanders will then collectively develop one comprehensive set of incident objectives, and use them to develop strategies.

Review Materials

Unified Command (Continued)

Advantages of Using Unified Command

The advantages of using Unified Command include:

- A single set of objectives is developed for the entire incident.
- A collective approach is used to develop strategies to achieve incident objectives.
- Information flow and coordination is improved between all jurisdictions and agencies involved in the incident.
- All agencies with responsibility for the incident have an understanding of joint priorities and restrictions.
- No agency's legal authorities will be compromised or neglected.
- The combined efforts of all agencies are optimized as they perform their respective assignments under a single Incident Action Plan.

Planning Process

It was recognized early in the development of ICS that the critical factor of adequate planning for incident operations was often overlooked or not given enough emphasis. This resulted in poor use of resources, inappropriate strategies and tactics, safety problems, higher incident costs, and lower effectiveness.

Those involved in the original ICS development felt that there was a need to develop a simple but thorough process for planning that could be utilized for both smaller, short-term incidents and events, and for longer, more complex incident planning. The planning process may begin with the scheduling of a planned event, the identification of a credible threat, or the initial response to an actual or impending event. The process continues with the implementation of the formalized steps and staffing required to develop a written Incident Action Plan (IAP).

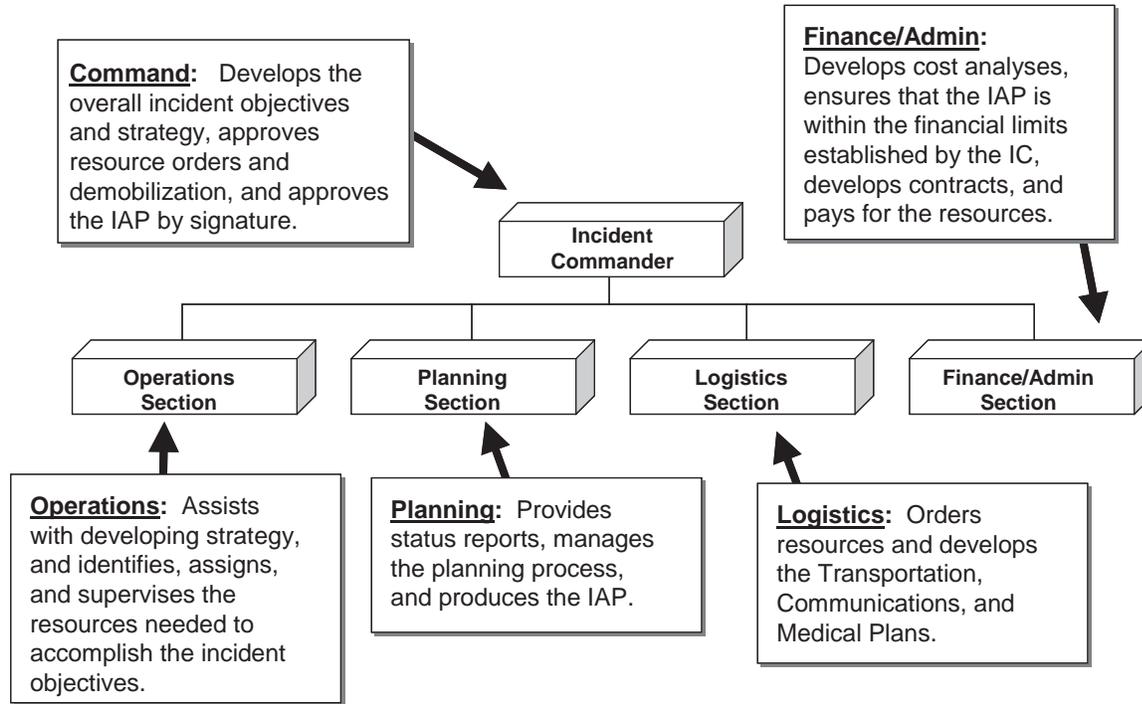
The primary phases of the planning process are essentially the same for the Incident Commander who develops the initial plan, for the Incident Commander and Operations Section Chief revising the initial plan for extended operations, and for the Incident Management Team developing a formal IAP, each following a similar process. During the initial stages of incident management, planners must develop a simple plan that can be communicated through concise verbal briefings. Frequently, this plan must be developed very quickly and with incomplete situation information. As the incident management effort evolves over time, additional lead time, staff, information systems, and technologies enable more detailed planning and cataloging of events and "lessons learned."

Planning involves:

- Evaluating the situation.
- Developing incident objectives.
- Selecting a strategy.
- Deciding which resources should be used to achieve the objectives in the safest, most efficient, and most cost-effective manner.

Review Materials

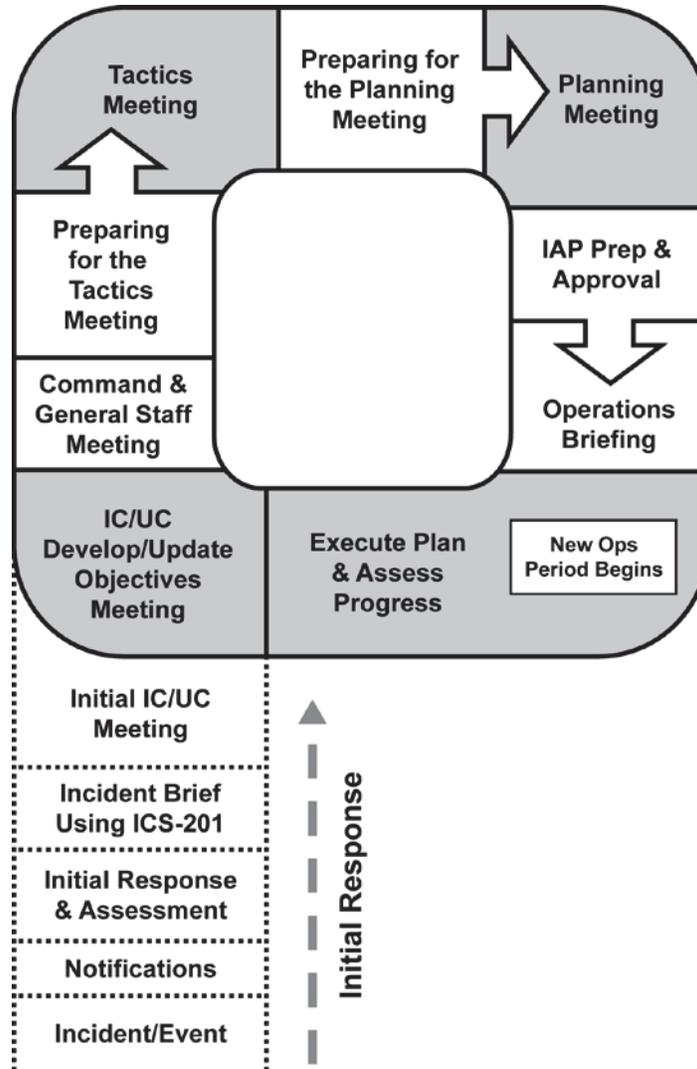
Planning Process (Continued)



Review Materials

Planning Process (Continued)

The Planning “P”



- The Planning “P” is a guide to the process and steps involved in planning for an incident. The leg of the “P” describes the initial response period: Once the incident/event begins, the steps are Notifications, Initial Response & Assessment, Incident Briefing Using ICS 201, and Initial Incident Command (IC)/Unified Command (UC) Meeting.
- At the top of the leg of the “P” is the beginning of the first operational planning period cycle. In this circular sequence, the steps are IC/UC Develop/Update Objectives Meeting, Command and General Staff Meeting, Preparing for the Tactics Meeting, Tactics Meeting, Preparing for the Planning Meeting, Planning Meeting, IAP Prep & Approval, and Operations Briefing.
- At this point a new operational period begins. The next step is Execute Plan & Assess Progress, after which the cycle begins again.

Source: NIMS document

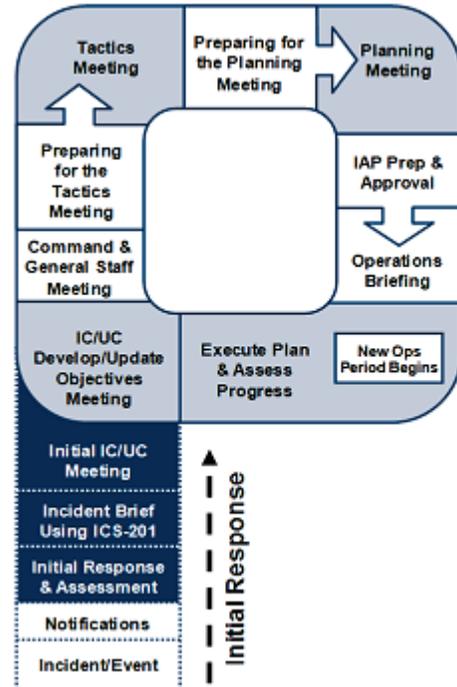
Review Materials

Planning Process (Continued)

Initial Response

Planning begins with a thorough size-up that provides information needed to make initial management decisions.

The ICS Form 201 provides Command Staff with information about the incident situation and the resources allocated to the incident. This form serves as a permanent record of the initial response to the incident and can be used for transfer of command.

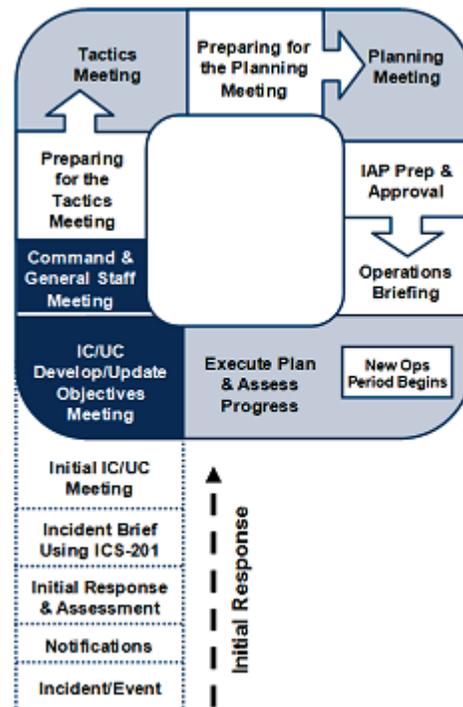


The Start of Each Planning Cycle

- **IC/UC Objectives Meeting:** The Incident Command/Unified Command establishes incident objectives that cover the entire course of the incident. For complex incidents, it may take more than one operational period to accomplish the incident objectives.

The cyclical planning process is designed to take the overall incident objectives and break them down into tactical assignments for each operational period. It is important that this initial overall approach to establishing incident objectives establish the course of the incident, rather than having incident objectives only address a single operational period.

- **Command and General Staff Meeting:** The Incident Command/Unified Command may meet with the Command and General Staff to gather input or to provide immediate direction that cannot wait until the planning process is completed. This meeting occurs as needed and should be as brief as possible.



Review Materials

Planning Process (Continued)

Preparing for and Conducting the Tactics Meeting

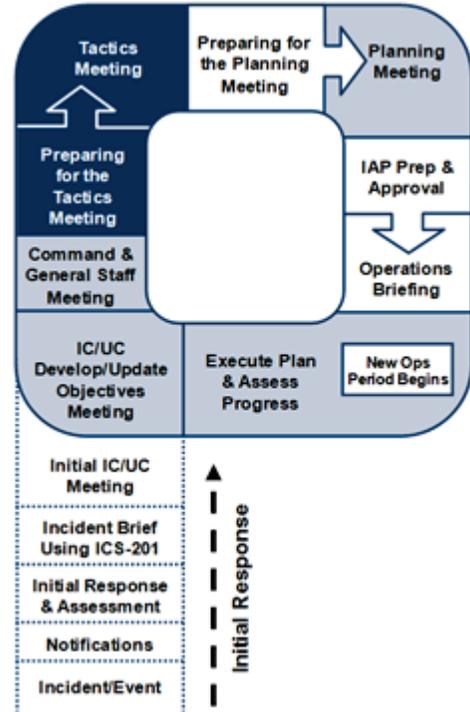
The purpose of the Tactics Meeting is to review the tactics developed by the Operations Section Chief. This includes the following:

- Determine how the selected strategy will be accomplished in order to achieve the incident objectives.
- Assign resources to implement the tactics.
- Identify methods for monitoring tactics and resources to determine if adjustments are required (e.g., different tactics, different resources, or new strategy).

The Operations Section Chief, Safety Officer, Logistics Section Chief, and Resources Unit Leader attend the Tactics Meeting. The Operations Section Chief leads the Tactics Meeting.

The ICS Forms 215, Operational Planning Worksheet, and 215A, Incident Safety Analysis, are used to document the Tactics Meeting.

Resource assignments will be made for each of the specific work tasks. Resource assignments will consist of the kind, type, and numbers of resources available and needed to achieve the tactical operations desired for the operational period. If the required tactical resources will not be available, then an adjustment should be made to the tactical assignments being planned for the operational period. It is very important that tactical resource availability and other needed support be determined prior to spending a great deal of time working on strategies and tactical operations that realistically cannot be achieved.



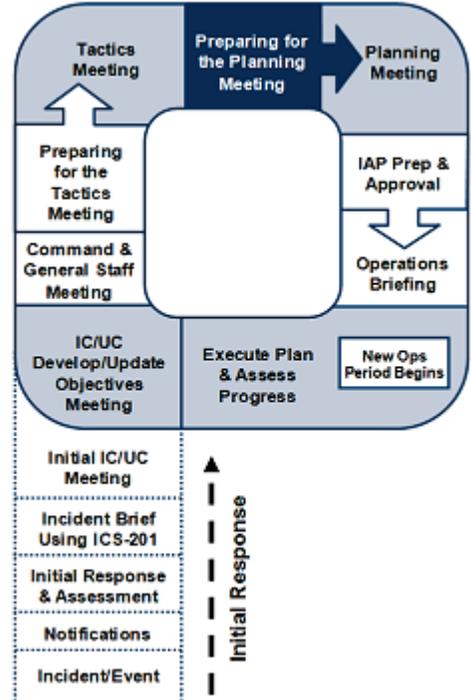
Review Materials

Planning Process (Continued)

Preparing for the Planning Meeting

Following the Tactics Meeting, preparations are made for the Planning Meeting, to include the following actions coordinated by the Planning Section:

- Review the ICS Form 215 developed in the Tactics Meeting.
- Review the ICS Form 215A, Incident Safety Analysis (prepared by the Safety Officer), based on the information in the ICS Form 215.
- Assess current operations effectiveness and resource efficiency.
- Gather information to support incident management decisions.

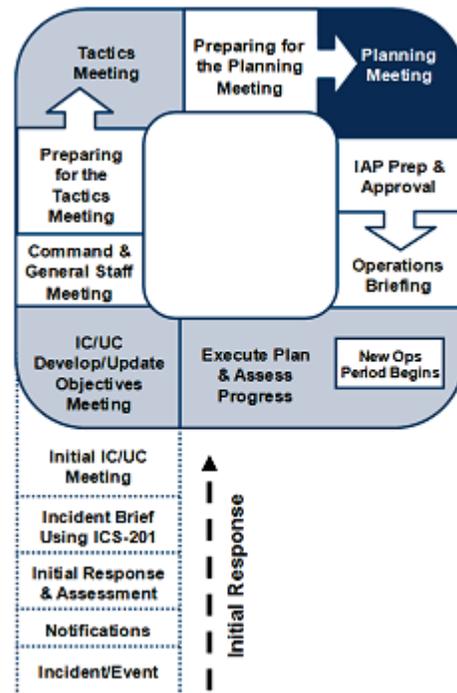


Planning Meeting

The Planning Meeting provides the opportunity for the Command and General Staff to review and validate the operational plan as proposed by the Operations Section Chief. Attendance is required for all Command and General Staff. Additional incident personnel may attend at the request of the Planning Section Chief or the Incident Commander. The Planning Section Chief conducts the Planning Meeting following a fixed agenda.

The Operations Section Chief delineates the amount and type of resources he or she will need to accomplish the plan. The Planning Section's Resources Unit will have to work with the Logistics Section to accommodate.

At the conclusion of the meeting, the Planning Section Staff will indicate when all elements of the plan and support documents are required to be submitted so the plan can be collated, duplicated, and made ready for the Operational Period Briefing.



Review Materials

Planning Process (Continued)

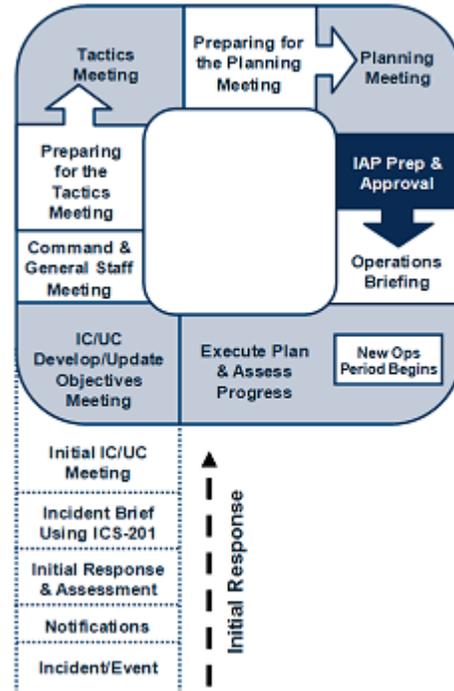
IAP Preparation and Approval

The next step in the Incident Action Planning Process is plan preparation and approval. The written plan is comprised of a series of standard forms and supporting documents that convey the Incident Commander's intent and the Operations Section direction for the accomplishment of the plan for that operational period.

For simple incidents of short duration, the Incident Action Plan (IAP) will be developed by the Incident Commander and communicated to subordinates in a verbal briefing. The planning associated with this level of complexity does not demand the formal planning meeting process as highlighted above.

Certain conditions result in the need for the Incident Commander to engage a more formal process. A written IAP should be considered whenever:

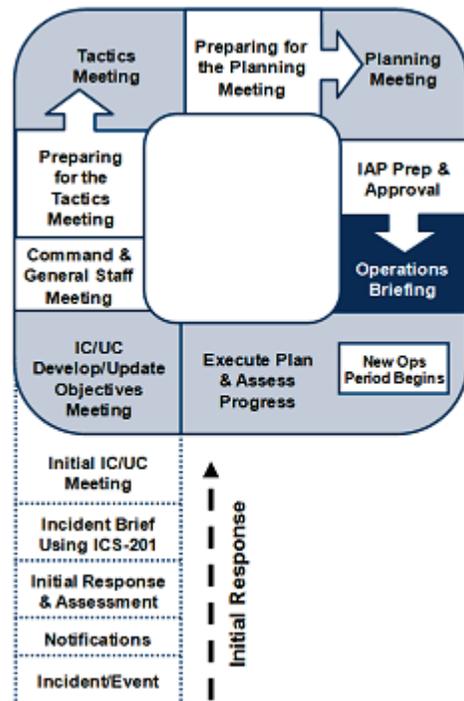
- Two or more jurisdictions are involved in the response.
- The incident continues into the next operational period.
- A number of ICS organizational elements are activated (typically when General Staff Sections are staffed).
- It is required by agency policy.
- A hazmat incident is involved (required).



Operations Briefing

The Operations Briefing may be referred to as the Operational Period Briefing or the Shift Briefing. This briefing is conducted at the beginning of each operational period and presents the Incident Action Plan to supervisors of tactical resources.

Following the Operations Briefing, supervisors will meet with their assigned resources for a detailed briefing on their respective assignments.



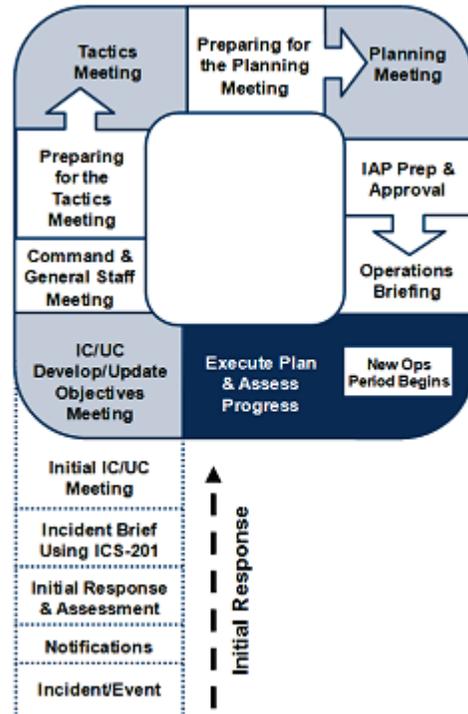
Review Materials

Planning Process (Continued)

Execute Plan and Assess Progress

The Operations Section directs the implementation of the plan. The supervisory personnel within the Operations Section are responsible for implementation of the plan for the specific operational period.

The plan is evaluated at various stages in its development and implementation. The Operations Section Chief may make the appropriate adjustments during the operational period to ensure that the objectives are met and effectiveness is assured.



Review Materials**ICS Forms**

ICS uses a series of standard forms and supporting documents that convey directions for the accomplishment of the objectives and distributing information. Listed below are the standard ICS form titles and descriptions of each form.

Standard Form Title	Description
Incident Action Plan Cover Page ICS 200	Indicates the incident name, plan operational period, date prepared, approvals, and attachments (resources, organization, Communications Plan, Medical Plan, and other appropriate information).
Incident Briefing ICS 201	Provides the Incident Command/Unified Command and General Staff with basic information regarding the incident situation and the resources allocated to the incident. This form also serves as a permanent record of the initial response to the incident.
Incident Objectives ICS 202	Describes the basic strategy and objectives for use during each operational period.
Organization Assignment List ICS 203	Provides information on the response organization and personnel staffing.
Field Assignment ICS 204	Used to inform personnel of assignments. After Incident Command/Unified Command approve the objectives, staff members receive the assignment information contained in this form.
Incident Communications Plan ICS 205	Provides, in one location, information on the assignments for all communications equipment for each operational period. The plan is a summary of information. Information from the Incident Communications Plan on frequency assignments can be placed on the appropriate Assignment form (ICS Form 204).
Medical Plan ICS 206	Provides information on incident medical aid stations, transportation services, hospitals, and medical emergency procedures.
Incident Status Summary ICS 209	Summarizes incident information for staff members and external parties, and provides information to the Public Information Officer for preparation of media releases.
Check-In/Out List ICS 211	Used to check in personnel and equipment arriving at or departing from the incident. Check-in/out consists of reporting specific information that is recorded on the form.
General Message ICS 213	Used by: <ul style="list-style-type: none">▪ Incident dispatchers to record incoming messages that cannot be orally transmitted to the intended recipients.▪ EOC and other incident personnel to transmit messages via radio or telephone to the addressee.▪ Incident personnel to send any message or notification that requires hard-copy delivery to other incident personnel.

Review Materials**ICS Forms (Continued)**

Standard Form Title	Description
Unit Log ICS 214	Provides a record of unit activities. Unit Logs can provide a basic reference from which to extract information for inclusion in any after-action report.
Operational Planning Worksheet ICS 215	Documents decisions made concerning resource needs for the next operational period. The Planning Section uses this worksheet to complete Assignment Lists, and the Logistics Section uses it for ordering resources for the incident. The form may be used as a source document for updating resource information on other ICS forms such as the ICS 209.
Incident Action Plan Safety Analysis ICS 215A	Communicates to the Operations and Planning Section Chiefs safety and health issues identified by the Safety Officer.
Air Operations Summary ICS 220	Provides information on air operations including the number, type, location, and specific assignments of helicopters and fixed-wing aircraft.
General Plan ICS 226	Addresses long-term objectives approved by Incident Command/Unified Command. These objectives are often expressed as milestones (i.e., timeframes for the completion of all and/or portions of incident response operations). A General Plan should identify the major tasks to be carried out through to the end of emergency response operations, the duration of the tasks, and the major equipment and personnel resources needed to accomplish the tasks within the specified duration.

Demobilization

Demobilization planning helps to:

- Eliminate waste in resources.
- Eliminate potential fiscal and legal impacts.
- Ensure a controlled, safe, efficient, and cost-effective release process.

Demobilization policies and procedures depend on size of incident and may involve:

- Fiscal/legal policies and procedures.
- Work rules.
- Special license requirements.
- Other requirements.

UNIT 3: MAJOR AND/OR COMPLEX INCIDENT/EVENT MANAGEMENT

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Visuals

Unit 3:
Major and/or
Complex
Incident/Event
Management



Visual 3.1
Major and/or Complex Incident/Event Management

Unit Objectives

- List the principal factors often found in or related to major and/or complex incidents/ events.
- List the four expansion options for incident/ event organization and describe the conditions under which they would be applied.
- Demonstrate, through an exercise, how to apply the various options related to major or complex incident management.

Visual 3.2
Major and/or Complex Incident/Event Management

Your Notes

Complex Incident Management



What are the characteristics of a complex incident?

How does major or complex incident management differ?

Visual 3.3
Major and/or Complex Incident/Event Management

What Are Major/Complex Incidents? (1 of 2)

Major/complex incidents:

- Involve more than one agency and/or political jurisdiction.
- Involve complex management and communication issues.
- Require experienced, highly qualified supervisory personnel.
- Require numerous tactical and support resources.
- May involve multiple victims with injuries, fatalities, or illnesses.



Visual 3.4
Major and/or Complex Incident/Event Management

Your Notes

Visuals

What Are Major/Complex Incidents? (2 of 2)

Major/complex incidents:

- Include widespread damage to property/environment/economy.
- Result in psychological threat/trauma.
- Span multiple operational periods (weeks, months, years).
- Are costly to control and mitigate.
- Require extensive post-incident recovery efforts.
- Draw national media interest.
- May require a coordinated Federal response.



 **FEMA** Visual 3.5
Major and/or Complex Incident/Event Management

View the job aid on the next page.

Your Notes

Job Aid: Major/Complex Incidents: Overview

Incidents Requiring Coordinated Federal Response

The types of incidents requiring a coordinated Federal response are described below.

- The resources of State, tribal, and local authorities are overwhelmed or are expected to be and Federal assistance has been requested by the appropriate State authorities.

Examples include:

- Major disasters or emergencies as defined under the Stafford Act.
- Catastrophic incidents. A catastrophic incident is any natural or manmade incident, including terrorism that results in extraordinary levels of mass casualties, damage, or disruption severely affecting the population, infrastructure, environment, economy, national morale, and/or government functions.
- More than one Federal department or agency has become substantially involved in responding to an incident.

Examples include:

- Credible threats, indications, or warnings of imminent terrorist attack, or acts of terrorism directed domestically against the people, property, environment, or political or legal institutions of the United States or its territories or possessions.
- Threats or incidents related to high-profile, large-scale events that present high-probability targets such as National Special Security Events (NSSEs) and other special events as determined by the Secretary of Homeland Security, in coordination with other Federal departments and agencies.
- A Federal department or agency acting under its own authority has requested the assistance of the Secretary of Homeland Security.
- The President has directed the Secretary of Homeland Security to coordinate the Federal response.

Visuals

Factors for Determining Size & Structure



- Administrative and jurisdictional complexity
- Geographic area involved
- Consideration of the span of control
- Functional specialties required
- Logistics, planning, and other support needs
- Potential for growth

FEMA Major and/or Complex Incident/Event Management Visual 3.6

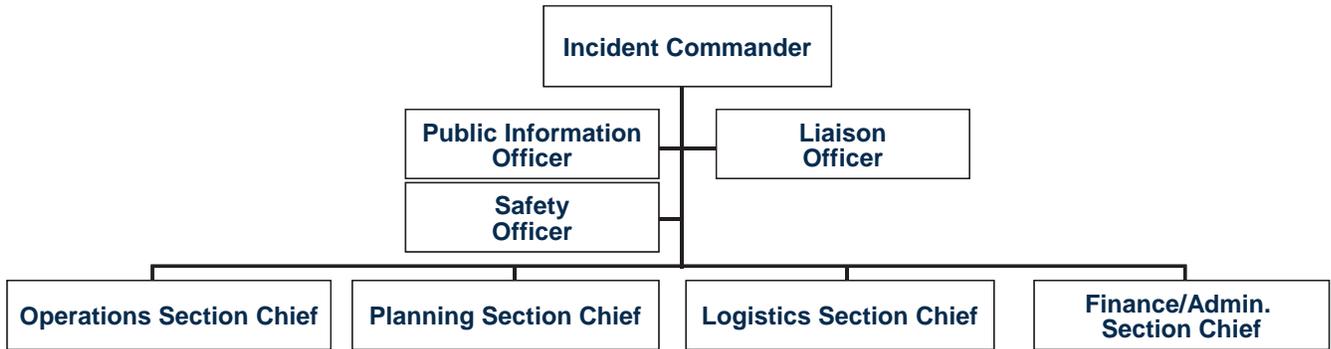
Characteristics: Organization (1 of 3)

Most Command and General Staff positions are filled.

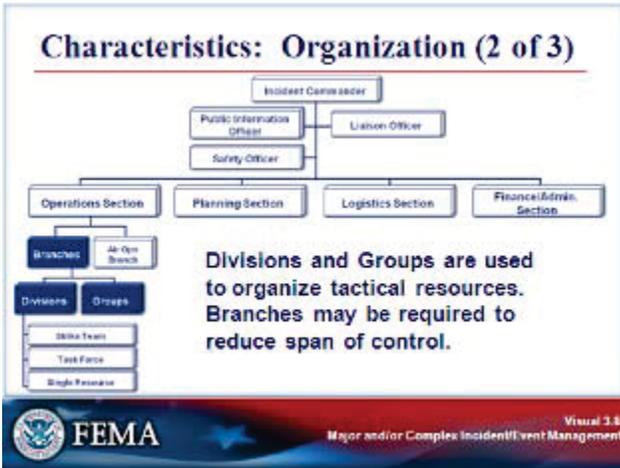


FEMA Major and/or Complex Incident/Event Management Visual 3.7

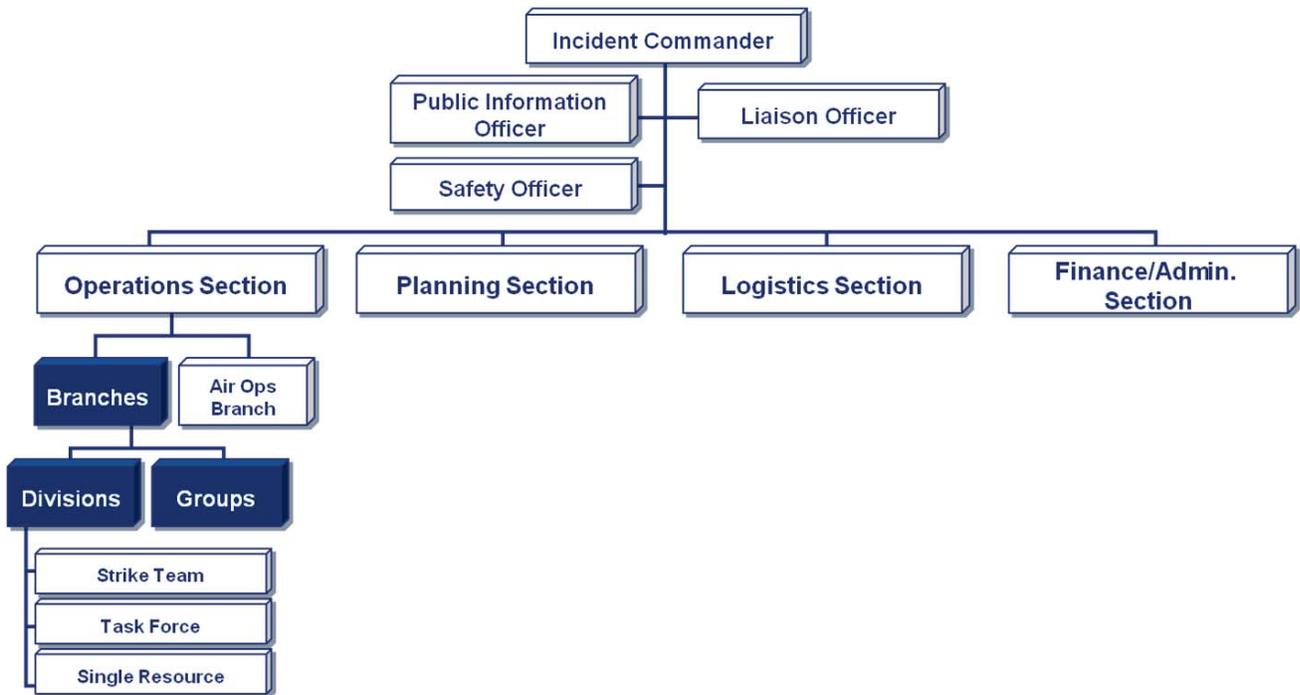
View the enlarged organization chart below.



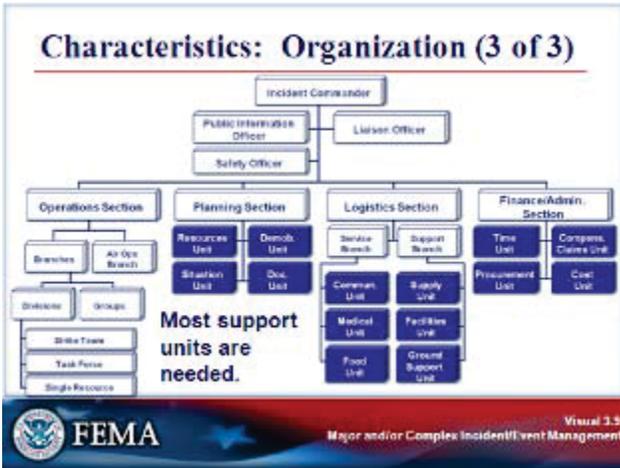
Visuals



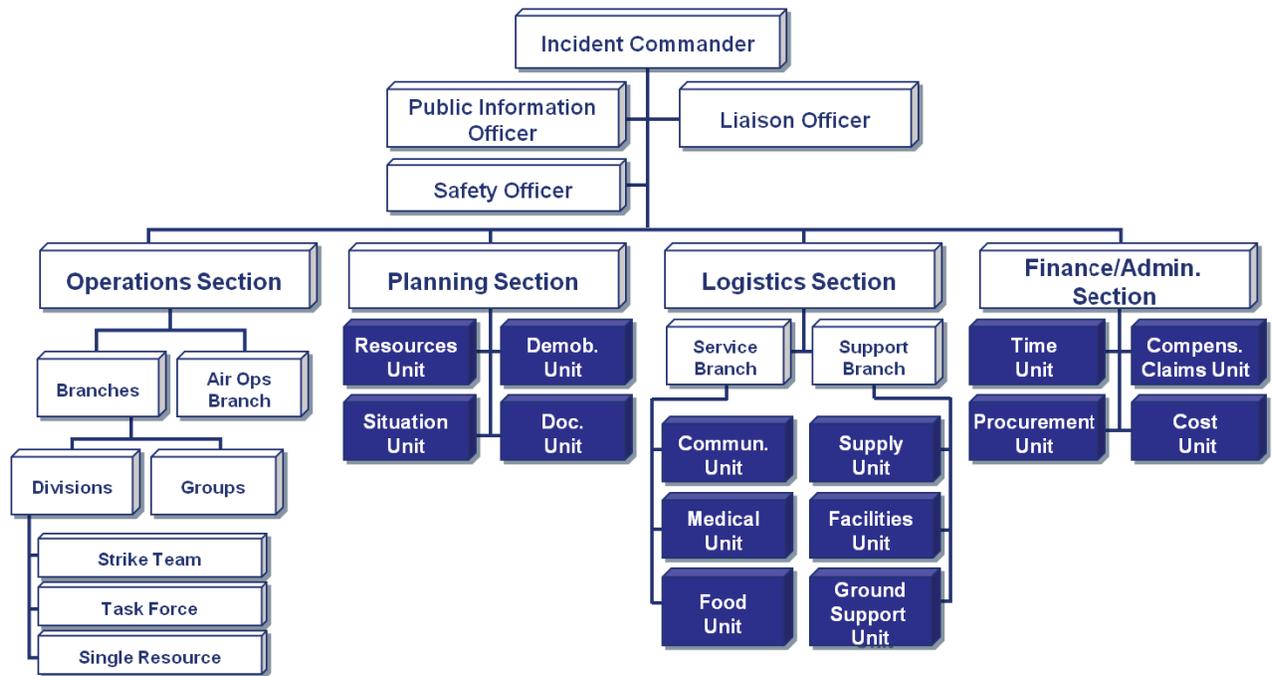
View the enlarged organization chart below.



Visuals



View the enlarged organization chart below.



Visuals

Characteristics: Resources & Planning

- Large number of tactical and support resources will need to be ordered, tracked, and managed.
- Multiple operational periods are required.
- Written Incident Action Plans are produced.
- Transfer of command is likely.
- The use of an Incident Management Team may be required.



Visual 3.10
Major and/or Complex Incident/Event Management

ICS Organizational Options

- Combine Several Incidents Into an Incident Complex
- Divide an Incident Into Two or More Single Incidents
- Expand the Planning Capability
- Add a Second Operations or Logistics Section

Visual 3.11
Major and/or Complex Incident/Event Management

Your Notes

Incident Complex: Definition

An Incident Complex is two or more individual incidents located in the same general proximity that are assigned to a single Incident Commander or Unified Command to facilitate management.



Visual 3.12
Major and/or Complex Incident/Event Management

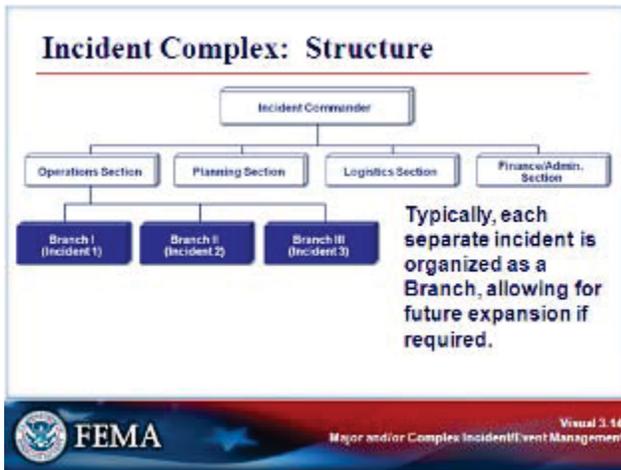
Discussion Question

What are some examples of when it might be advantageous to establish an Incident Complex?

Visual 3.13
Major and/or Complex Incident/Event Management

Your Notes

Visuals



View the job aid on the next page.

Your Notes