

ROARING RIVER WILDFIRE SCENARIO

Unit 2: ICS Fundamentals Review

Objective:

To apply key Unified Command principles.

Instructions:

Working in your groups, complete the following activity:

1. Review the following:
 - Scenario
 - Available Resources
 - Map
 - Scenario Update
 - Critical Issues
2. Complete the following steps:
 - a. Who has a stake in the incident?
 - b. Who are the assisting and cooperating agencies?
 - c. Is this a Single or Unified Command managed incident?
 - d. If Single Command, who is the Incident Commander and why?
 - e. If Unified Command, who are the members and why?
3. Draw an Organization Chart for your Incident Command or Unified Command.
4. Identify challenges and safety issues.
5. Record your results on chart paper that can be seen by the entire class.
6. Select a spokesperson and be prepared to present in 30 minutes.
7. Emphasize that the spokesperson should be able to explain the rationale for the group's decisions.

Scenario:

After an early snowmelt, the residents of Liberty County have been enjoying unseasonably warm and dry weather for the past 2 weeks. Because of the warm dry weather, the vegetation is very dry and fire conditions for all of Liberty County and neighboring counties have been at "High" for over a week.

In the early morning hours of September 31st, a thunderstorm with heavy lightning passed over the county, igniting several brush fires. The fires were reported to be in an area approximately one-half mile south of Kingston and one mile north of Jasper, east of Hwy 69 and south of the interchange with Interstate 102.

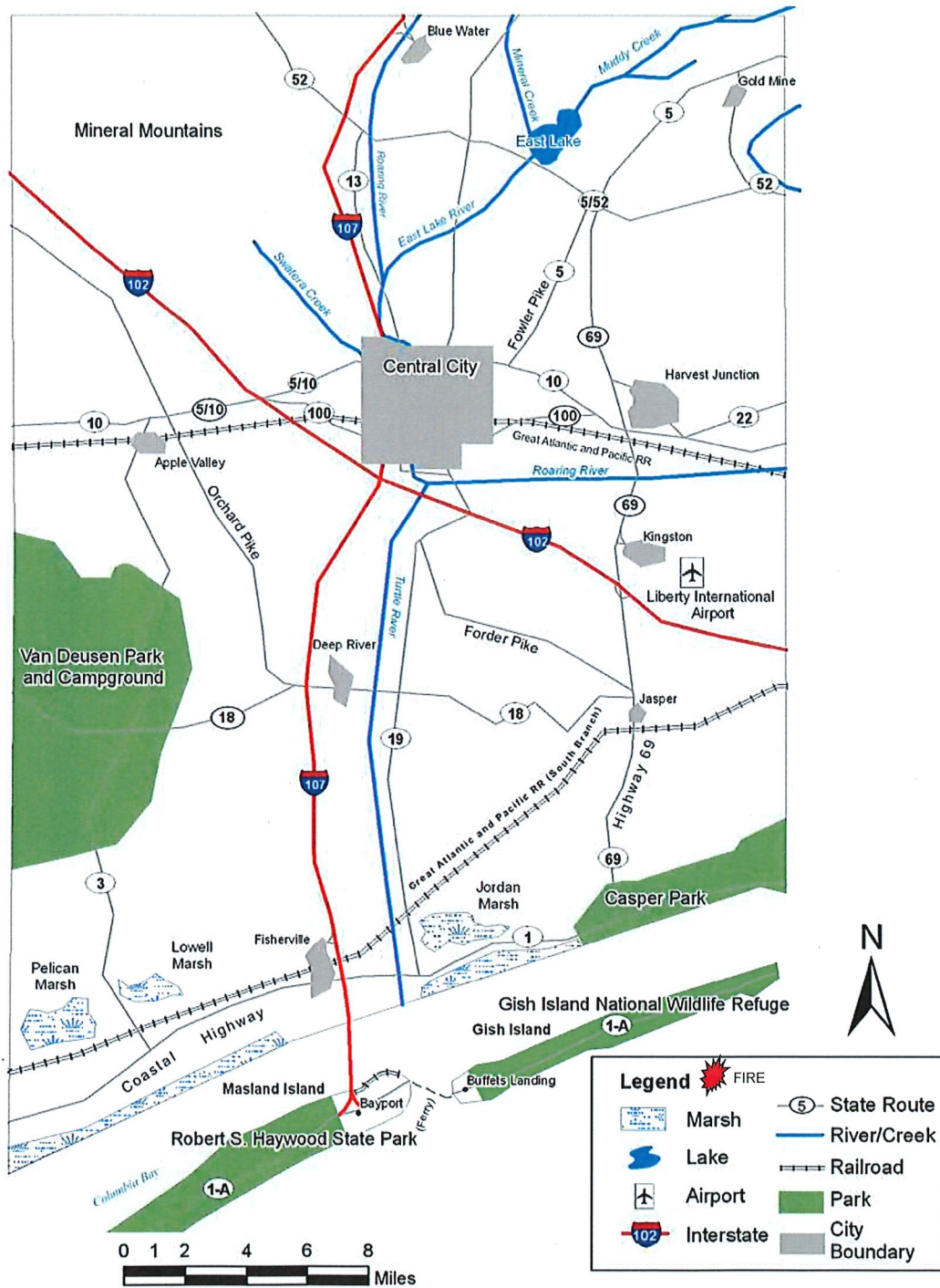
The fires are in the Kingston Fire District. Fire crews from Kingston were dispatched to the fires and requested mutual aid from Jasper. A total of four engines, two water tenders, two brush trucks and an ambulance were dispatched. The fires are currently in a wooded area and are being fought by the two neighboring departments.

The weather forecast for today includes temperatures predicted to be in the high 70's to mid-80's with winds out of the southwest at 6 to 10 miles per hour. Smoke from the fires has begun to drift toward Interstate 102, causing some early morning traffic to slow down. In some cases, bystanders are parking to watch the fires, further slowing traffic on the Interstate. Fire units have requested law enforcement units for traffic control.

Available Resources:

Jasper Units On Scene		
Engine 81	1250	Triple Combination Pumper
Engine 181 (Reserve)		
Brush 81	1250	Triple Combination Pumper
Tender 41		2,000 gallons
Squad 41		
Kingston Units On Scene		
Engine 41	1500	Triple Combination Pumper
Squirt 41	1250	Triple Combination Pumper
Brush 41		
Ambulance K2 - BLS		
Harvest Junction Tender 32		2,000 gallons
Columbia State Police Units On Scene		
SP 2T 23		Trooper
SP 2T 24		Trooper
SP 2S 20		Sergeant

Map:



Scenario Update:

It is now 0830. The outside temperature has risen to 76° with a forecast in the high 70's to low 80's. The wind has shifted and is now out of the southwest at 15 mph. High winds and dry fuel are pushing the fire to the northeast in the direction of Kingston. Fire crews have been unable to contain the fire and it is now threatening houses on the outskirts of Kingston. Additional fire units are being requested from Liberty and Green Counties.

Traffic on Interstate 102 and Hwy 69 has slowed due to the smoke and law enforcement units are working to keep traffic moving and attempting to establish alternate routes.

The Mayor of Kingston is considering an evacuation of the southwest portion of Kingston. Liberty County Emergency Management is requesting the American Red Cross to open shelters to the south and west of the fire area and to coordinate with the local Salvation Army to provide food and water for the responders.

Resources:

(in addition to those listed above)

Resource	Kind	Number & Type
Central City Police	Patrol Car	4 marked units: M-1, M-2, M-3, and M-4
Liberty County Sheriff	Patrol Car	6 marked units: O-1, O-2, O-3, O-4, O-5, and O-6
Central City Fire/Rescue	Engine Company	3 companies: ME-1, ME-2, and ME-3
	Truck Company	2 companies: MT-1 and MT-2 1 company: MR-1
Central City EMS	BLS	2 units: MBLS-1, and MBLS-2
	ALS	2 units: MALS-1 and MALS-2
Central City Public Works	Front-End Loaders	3
	Dump Trucks	4

Critical Issues:

- Deploy sufficient fire units to contain and control the fire before it reaches Kingston.
- Safely maintain traffic flow on Hwy 69 and Interstate 102.
- Evacuate and shelter residents of Kingston in the affected area.
- Protect the houses on the outskirts of Kingston that may be in the path of the fire.
- Ensure safe fire ground operations throughout the duration of the fire.

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Unit 3: Initial Actions for Unified Command

Objective:

To organize groups into Incident Management Groups; review and complete ICS Form 201, Incident Briefing; and identify issues related to the simulated incident.

Instructions:

Working in your groups, complete the following activity:

1. Given a partially completed ICS Form 201 and the scenario information, complete the missing elements on the ICS Form 201.
2. Determine what Command and General positions will be staffed and depict on an organizational chart and be prepared to describe and explain.
3. Using the initial objectives from the ICS Form 201, develop incident objectives for the next Operational Period.
4. Document your objectives and organization on chart paper. Make sure your objectives are SMART!
5. Select a spokesperson and be prepared to describe and explain the rationale for your objectives and organization in 30 minutes.

INCIDENT BRIEFING (ICS FORM 201)

Partially Completed ICS Form 201 for Student Activity – Refer to ICS_300_AAM_RRWS_ICs_Form_201_STUDENT.pdf

Scenario Update:

Wind speeds have increased and fire crews are unable to slow the progress of the fire. Fire crews are reorganizing in an attempt to protect homes in Kingston. The rapid increase in size may also threaten the airport, which is located just east of Kingston on Aviation Road. Besides the airplanes on the ground, the airport stores large quantities of aviation fuel in above-ground storage tanks on the airport property. Additional fire crews have been ordered, along with additional law enforcement for traffic control and to assist with evacuation in Kingston.

Several neighbors in the area of the fire origin reported seeing what looked like a possible drinking party in the woods with a campfire the night before the fire. Law enforcement is investigating.

Liberty County and the American Red Cross are opening shelters for those who may be displaced by the fire. The Unified Command is preparing for a much-needed shift change later this evening and are ordering additional resources in the event of a prolonged incident.

ROARING RIVER WILDFIRE SCENARIO

Unit 4: Implementing an Operational Planning Process

Objective:

To select tactics and conduct safety analysis for the next Operational Period resulting in the completion of ICS Forms 215 and 215A. Students may use the tactics meeting agenda as a template when conducting their group discussions.

Instructions:

Working in your groups, complete the following activity:

1. Review the following in your handouts:
 - Scenario Update
 - Critical Issues
 - Additional Available Resources
 - Incident Communications
 - Operations Organization Chart
 - Partially completed ICS Form 215
 - Blank ICS Form 215A
2. Complete the ICS Form 215 using the available information.

Point out that the Operational Planning Worksheet (ICS Form 215) has the information needed to complete tactical direction for the incident.
3. Based on the tactics selected on the ICS Form 215, complete the Safety Analysis (ICS Form 215A).
4. Be prepared to present in 60 minutes.

Your Notes:

Scenario Update:

It's 1330 on April 1st. The fire has reached the southern edge of Kingston and has ignited numerous homes. Jasper Fire, Division A has been reinforced with several Engine companies from Central City and is attempting to extinguish structure fires in Kingston. Division B is being assisted by Airport Fire, which is supplying an Engine and a Tender. In addition, Airport Fire has staged Crash Trucks 12A and 12B along with Foam 12 near the fuel storage tanks to protect them from impingement.

Unified Command has requested additional fire units from Gold Mine and Big Rock, on the Roaring River Reservation, the State Forestry Division, and Central City. Mutual aid units from Apple Valley, Deep River, and Fisherville have been put on standby for future deployment. The Central City Incident Management Team has arrived.

Additional Central City Police units have arrived and are assisting the Columbia State Police in controlling traffic and providing alternate routes. Central City Police, Liberty County Sheriff's Department, and Columbia State Police have formed a strike team of detectives to investigate possible causes for the fire.

Liberty County Emergency Management, working with the American Red Cross and Salvation Army, is continuing with shelter activities and is opening additional shelters in anticipation of an even larger evacuation area. Liberty County has activated its Emergency Operations Center and is requesting an Incident Action Plan be developed for the operational period of 1800 to 0600.

The weather forecast for tonight is for temperatures in the low 60's, with winds out of the southwest at 3 to 5 miles per hour. Tomorrow's forecast calls for 80° temperatures with strong winds expected to be 20 mph with gusts to 25.

The next operational period will begin at 1800 tonight and end at 0600.

Critical Issues:

- Extinguish structure fires in the City of Kingston.
- Protect the fuel storage tanks at the Kingston Airport from impingement.
- Continue the investigation into the probable origin of the fire.
- Ensure the safety of the public, the responders, and the media.
- Construct the fire breaks necessary to gain control of the fire.

Additional Available Resources:**National Guard:**

80 personnel
5 five-ton trucks
1 engineer unit with 8 personnel
2 heavy front-end loaders
1 bulldozer

Air Operations:

2 helicopters and support assets capable of basic medical transport
3 State Police helicopters, MEDEVAC equipped

State Police:

15 marked units
Hazardous Materials Response Team

Incident Communications:

Central City and Liberty County have a shared 800-mHz radio system. Talk Groups include:

- Fire: Talk Groups 1, 2, 3
- Law Enforcement: Talk Groups 4, 5, 6
- EMS: Talk Groups 7, 8
- Regional Mutual Aid: Talk Groups 9, 10
- State Mutual Aid: Talk Group 11

INCIDENT ACTION PLAN SAFETY ANALYSIS (ICS FORM 215A)**Partially Completed ICS Form 215**

Refer to ICS_300_AAM_RRWS_ICs_Form_215.pdf

Blank ICS Form 215A:

Refer to ICS_300_AAM_RRWS_ICs_Form_215A.pdf

Your Notes:

ROARING RIVER WILDFIRE SCENARIO

Unit 5: Planning Process, IAP, and Operations Brief

Objective:

To complete the planning cycle by developing a written IAP, developing the Operations Briefing agenda, and conducting an Operations Briefing for a simulated incident.

This activity is divided into two components. In Part 1, students will prepare an Incident Action Plan (IAP). In Part 2, students will develop the Operations Briefing agenda and then outbrief the IAP (developed in Part 1) in an Operations Briefing.

Instructions for Part 1:

Working in your groups, complete the following activity:

1. Prepare an Incident Action Plan, using (at a minimum) ICS Forms 202, 203, 204(s), 205, 206, 207, and 208.
2. Be prepared to finish in 45 minutes.

Instructions for Part 2:

Working in your groups, complete the following activity:

1. Outline the agenda for the Operations Briefing.
2. Select a spokesperson to present your IAP as a concise 5- to 10-minute Operations Briefing. Be prepared to present in 15 minutes.
3. Provide students with blank copies of the ICS Forms located in the Appendix.

Part 1: Evaluation of IAP Required ICS Forms:

Use the following as a checklist.

Incident Objectives (ICS Form 202)

- Provides incident name _____ and uses date and 24-hour format for Operations Period.
- Provides clear, concise SMART statements of objectives in priority order
- Provides clear command emphasis (tactical priorities or weather forecast).
Example: Be aware of a specific danger/hazard.
- Provides general situational awareness like weather forecast, incident conditions, and/or general safety message approved by the Safety Officer and in alignment with the Safety Message/Plan (ICS Form 208). Checked if Site Safety Plan is required and plan location provided.
- Identifies/checks all accompanying IAP attachments. Crosscheck documents are all checked and present.
- Confirm prepared by signature and approved by IC signature.

Organization Assignment List (ICS Form 203)

- Provides incident name _____ and uses date and 24-hour format for Operations Period.
- Confirm Incident Command and Command Staff are listed as appropriate for the incident operational period.
- Confirm Agency/Organization Representatives are listed as appropriate for the incident operational period.
- Confirm Planning Section Staff are listed as appropriate for the incident operational period.
- Confirm Logistics Section/Support Branch/Service Branch Staff are listed as appropriate for the incident operational period.
- Confirm Operations Section/Branch/Air Operations Branch Staff are listed as appropriate for the incident operational period.
- Confirm Finance/Administration Staff are listed as appropriate for the incident operational period.
- Confirm prepared by signature.

Unit Assignment List (ICS Form 204(s))

- Provides incident name _____ and uses date and 24-hour format for Operations Period.
- Provides Branch, Division, Group and Staging Area as appropriate for the incident operational period.
- Identifies assigned resources as appropriate for the incident operational period.

- Identifies Operations personnel names and contact information to include unit identifier, leader's name, and total number of assigned persons. Must include leader in the total.
- Provides special notes or directions specific to assigned resource like drop off/pick up location, special equipment/supplies needed, resource briefings, and transportation needs.
- Provides a work assignment through tactical objectives to be achieved.
- Provides special instructions appropriate for the incident operational period. Keyed in on any safety problems or specific precautions to be exercised.
- Provides specific communications information.
- Confirm prepared by signature and approved by IC signature.

Communications List (ICS Form 205 or 205A)

- Provides incident name _____ and uses date and 24-hour format for Operations Period.
- Provides communications methods assigned to personnel by their assigned ICS position as appropriate for the incident operational period.
- Confirm prepared by signature.

Medical Plan (ICS Form 206)

- Provides incident name _____ and uses date and 24-hour format for Operations Period.
- Provides information on Medical Aid Stations.
- Provides information on air and ground EMS transportation.
- Provides information on hospitals that could serve this incident.
- Provides any special emergency instructions for use by incident personnel to include procedures for how to report medical emergencies.
- Confirm prepared by signature and approved by Safety Officer signature.

Incident Organization Chart (ICS Form 207)

- Provides incident name _____ and uses date and 24-hour format for Operations Period.
- Completed incident organization chart consistent with the provided Organization Assignment List (ICS Form 203 Form).
- Confirm prepared by signature.

Safety Message/Plan (ICS Form 208)

- Provides incident name _____ and uses date and 24-hour format for Operations Period.
- Provides a clear, concise safety message that is consistent with the key command emphasis/decisions/directions found on the Incident Objectives (ICS Form 202).
- Includes known safety hazards and specific precautions to be observed and consistent with the Unit Assignment List (ICS Form 204(s)).
- Check if Site Safety Plan is required and plan location provided.
- Confirm prepared by signature.

Part 2: Evaluation of Operations Briefing Agenda and Briefing:

Use the following as a checklist to review each group's completed Operations Briefing Agenda and provide constructive feedback on each group's Operations Briefing presentation (concise 5 to 10 minute) of their IAP. Refer students to Handout 5-1: Preparing for the Planning Meeting and Handout 5-2 Sample Planning Meeting Agenda.

- Planning Section Chief** – “Introduction” Brings briefing to order, covers ground rules, and refers to agenda.
- Incident Commander/Unified Command** – Provides opening remarks.
- Situation Unit Leader** and any needed **Technical Specialists** covers current situation, weather, and incident Projections
- Planning Section Chief** - Covers Incident Objectives and priorities for the group.
- Operations Section Chief** - Provides overview of the current operations and the proposed operations plan. This includes strategies, tactics/ work assignments, resource commitments, Operations Section organization, facilities, using the Operational Planning Worksheet (ICS Form 215).
- Logistics Section Chief** - Validates that Communications, Medical, Transportation Unit, and Supply Units concur with and capable of supporting the proposed plan.
- Finance/Administration Section Chief** - Indicates fiscal constraints and verifies the proposed plan fits with financial constraints.
- Public Informaiton Officer** - Provides public information plan and methodologies to meet objectives and verifies that public information outreach meets objectives.
- Liaison Officer** - Confirms interagency issues are being addressed.
- Other Staff** or **Technical Specialists** as needed.
- Safety Officer** - Provides Safety Plan/Site Safety Plan using wall-sized Incident Action Plan Safety Analysis (ICS Form 215A) discusses hazards/risks, and mitigation measures employed to mitigate and manage risks.
- Planning Section Chief** - Final confirmation and support by polling Command and General Staff members to solicit their final input and commitment to the proposed plan.
- Incident Commander/Unified Command** - Approves the AIP as presented and committed to by Command and General Staff.
- Incident Commander/Unified Command** - Provides any final or closing comments.
- Planning Section Chief** - Identifies assignments and deadlines to appropriate Incident Management Team members for developing IAP components for the next operational period.
- Planning Section Chief** - Provides schedule for upcoming meetings and briefings and adjourns the meeting

Your Notes:

ROARING RIVER WILDFIRE SCENARIO

Unit 6: Incident Resource Management

Objective:

To describe how resources are ordered and to identify the challenges and strategies for managing resources during an incident.

Instructions:

Working in your groups, complete the following activity, given your scenario:

1. Review the Operational Planning Worksheet (ICS Form 215) and Safety Analysis (ICS Form 215A) completed in the previous unit.
2. Describe how resources will be ordered (single point or multipoint) for this incident, from what sources resources will be acquired, and how long they will need to be deployed.
3. Identify the top challenges and strategies for managing resources during this incident.
4. Describe the method for evaluating resource effectiveness.
5. Select a spokesperson and be prepared to present your work in 30 minutes.

Your Notes:

ROARING RIVER WILDFIRE SCENARIO

Unit 7: Demobilization, Transfer of Command, Closeout, & Transition to Recovery

Objective:

To identify demobilization considerations, given the threaded scenario.

Instructions:

Working in your groups, complete the following activity:

1. Review the information you developed in the previous activities, the scenario update, and the 5 elements of a Demobilization Plan.
2. Write 5 considerations for demobilization for your scenario on an easel chart.
3. Based on your scenario, are there any unique demobilization release priorities?
4. Select a spokesperson and be prepared to present your work in 15 minutes.