




# Facilitator Guide

Module - Salt Fire Case Study		
<b>Overview Module</b>		
	<p><b>Goal: The students will review the key actions and events during the Salt Fire incident and identify the critical decision points during the incident.</b></p> <p><b><u>Target Audience</u></b> Line going firefighters</p> <p><b><u>Time</u></b> Video 30 minutes, Exercise 15 minutes, Total 45 minutes</p> <p><b><u>Exercise</u></b> Group discussion</p>	
<b>Facilitator Quick Checklist</b>		
	<p><b><u>The following are the most important tasks that should be completed before implementing this module:</u></b></p> <ul style="list-style-type: none"> <li>✓ <b>Preview the Salt Fire Case Study Module on the video</b></li> </ul>	
<b>Time</b>	<b>Facilitator Tasks</b>	<b>Refer To</b>
<b>1 min</b>	<ul style="list-style-type: none"> <li>•  <b>Introduce the goal listed above.</b></li> </ul>	
<b>30 min</b>	<ul style="list-style-type: none"> <li>•  <b>Play video Module: <u>Salt Fire Case Study</u></b></li> </ul>	<b>Video</b>

# Facilitator Guide

Module - Salt Fire Case Study		
Time	Facilitator Tasks	Refer To
15 min	<ul style="list-style-type: none"> <li>  <b>Conduct student exercise</b> </li> </ul> <p><b>Individually identify key decisions and assumptions in the timeline on the 29<sup>th</sup> and make notes in the space provided. Get together with your groups after all group members have completed the first part and discuss the key items that were identified.</b></p> <p><b>After the groups have had a few minutes to discuss the key decisions made during the timeline. Share with the students some of the recommendations that are listed in the talking points that were made by the FLA group and the people that were on the fire.</b></p>	SW

## Exercise

### III. Chronology of Events on August 29<sup>th</sup>, 2011

Time (estimate)	Event
0700	Morning briefing at ICP. Operations delivers briefing to resources at spike camp
1100-1200	Operation Section Chief-Trainee meets with Dozer Boss and assigns the task of creating a parking area for transports @ Drop Point 3 (DP3)
1330	Continue work in DP3 to facilitate parking for the 2 transports and smoothing surface. Discussion to enlarge area 4 times in size.
1400	Fire Activity begins to pick up. Division Zulu disengages to reassess. Transports moved off of road into DP3

# Facilitator Guide

Time (estimate)	Event
1500	Dozer Boss takes weather reading. RH is 17%
1600	Division Zulu experiencing continued increase in fire behavior. Operation Section Chief-Field and Trainee ordered recon flight from Moyer Meadow. At DP3, small open area was tied to thus enlarging the clearing. RH 16%.
1630	<p>Operation Section Chief and trainee fly recon, fire behavior is increasing all over, especially on NE corner. Division Bravo Supervisor asks Recon to gauge the fires distance from DP3 in order to determine if there is time to get the transports moved.</p> <p>Decision made to get transports out. Line Safety Officer drives down from 099 road to recon out ahead of fire, observes ash blowing across 020 road and a big column of smoke building below the road.</p>
1700	Dozer Boss notes that fire activity is increasing within sight of DP3; dozer continues work to increase the size of DP3.
1715-1720	Operations Section Chief-Planning ties in with dozer boss at DP3 and starts collecting info on who is at the location. Transports cannot navigate road to south so decision is made to move transports north to China Spike. Line Safety Officer assigned to lead them out. Air Attack reports noticeable change in fire intensity in Goodluck Cr., indicating that it may have started to move up the drainage.
1725	Recon flight lands at Moyer Meadow and Operations Safety Chief and Trainee proceed directly to DP3. Division Bravo Supervisor and Dozer Boss told to get transports out.
1730	<p>Dozer Operator calls his Transport Driver and tells him to find a person with a USFS radio because he is hearing that there is an urgent need to move the transports.</p> <p>Driver finds the Division Bravo Supervisor near Moyer Meadows who escorts him to DP3. Line Safety Officer leads the first transports out Forest Road 020 road toward China Springs.</p>
1731-1740	<p>Line Safety Officer reports fire has crossed Forest Road 020</p> <p>Transport begins to back toward DP3. Dozer clears debris from two-track leading to</p>

# Facilitator Guide

Time (estimate)	Event
	Squawboard Meadow and is assigned to cut turnaround for transport but is turned back.
1749-1751	Fireline Leaders begin evacuation to Squawboard Meadow from DP3. Transport gets stuck backing into DP3. Transport driver exits the disabled transport and heads to Squawboard meadow as directed by Operations trainee using the Dozer Operators truck as his escape vehicle.
1752	Fire front hits DP3. One Transport Driver, Dozer Operator, Line Safety Officer and Dozer Boss are still at DP3. Dozer Operator and Transport Driver deploy shelter

## WEATHER 9/29:

- **Partly cloudy with a slight chance of showers and thunderstorms.**
- **TEMPERATURES: Max temperature around 75.**
- **HUMIDITY: Min RH 15 to 20 percent.**
- **20 FT WINDS:**
  - **RIDGETOP - Light Southwest wind to 5 mph increasing and shifting west to northwest by the afternoon to 10 mph with gusts 20 mph.**
  - **SLOPE/VALLEY - Light upslope 1 to 2 mph in the morning...becoming upvalley 2 to 4 mph by the afternoon.**
- **HAINES INDEX: 4**
- **STABILITY/INVERSION: Due to the poor Rh recoveries expected...airmass will rapidly warm in the early Morning**

# Facilitator Guide

## Talking points

### Information gathering and sharing



- Take advantage of opportunities to share critical safety information now. You may not have time later
- Don't convey important information via cell phone
- If lookouts can't see due to smoke, that should be a trigger point to get people out and consider the impact to your information gathering system
- How will you employ resiliency and flexibility to overcome the fog of war?

### Contractors PPE and Equipment

- Equipment transports may need radios if they are positioned in or near the fire area
- Heavy equipment operators should have headphones so they can hear the radio
- IMT's should evaluate how best to identify fireline equipment using the existing equipment numbers
- Agency should consider a version of Standards for Survival targeted at contractors
- Rather than side compartments, fire shelters should be located in the cab of the dozer or better yet, attached to the dozer operator's belt or chest harness

### Resources/Logistics

- Send scout vehicle out in advance of moving large transports
- Consider the mobility of the resource when establishing LCES
- Trigger points should be based on the slowest moving piece of equipment

<i>Estimate Total Time: 45 min</i>	<div style="text-align: center;"> <b>Facilitator Notes</b> </div> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	
--	--	--