

# BEAVER FIRE

## Incident Action Plan

Thursday, August 21<sup>st</sup>, 2014

0600 - 2000

### CUMULATIVE FATIGUE & STRESS

- Provide periodic rest breaks
- Alternate between heavy and light tasks
- Maintain Hydration
- Snack frequently to maintain energy levels

### MEDICAL EMERGENCIES

- Review and understand the medical plan in the IAP
- Base all operational activities on these three questions:
  - What are we going to do if someone gets hurt?
  - How will we get them out of here?
  - How long will it take to get them to a hospital?

### DANGER TREES/FIRE WEAKENED TREES

- Scout work area. Look around entire tree for burn scars
- Mitigate using qualified personnel only!
- If unable to mitigate hazard, flag off area, Communicate the location & keep personnel away!

### KEEP A HIGH LEVEL OF SITUATIONAL AWARENESS

Beaver Fire: CA-KNF-005497 P5H93T (0505)

Klamath National Forest

Northern California Incident Management Team 1



<b>INCIDENT OBJECTIVES</b>	<b>1. Incident Name</b>  Beaver	<b>2. Date</b>  08/20/2014	<b>3. Time</b>  1900
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**4. Operational Period**  
August 21, 2014 DAY SHIFT

**OPERATIONAL OBJECTIVES**

- 1) Ensure firefighter and public safety in all incident activities. Adhere to all safety standards and implement appropriate risk analysis.
- 2) Protect values at risk to include watershed, Late Successional Reserve, cultural resources, private timber lands and recreation sites.
- 3) Implement suppression repair in accordance with established plans.
- 4) Keep the Beaver Fire within existing containment lines.

**MANAGEMENT OBJECTIVE**

- 1) Coordinate with Forest to maintain timely and accurate communications with communities, county officials and stakeholders.
- 2) Effectively manage incident costs by planning strategies and tactics toward a high probability of success.

**6. Weather Forecast for Period**

- See attached weather forecast.


**7. General Safety Message**

- See attached safety messages.

**8. Attachments (mark if attached)**

<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> Weather
<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Incident Map	<input checked="" type="checkbox"/> ICS215a
<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input checked="" type="checkbox"/> ICS 220	<input type="checkbox"/> Rehab Considerations

**9. Prepared by (Planning Section Chief)**  
Valery Lambeth 

**10. Approved by (Incident Commander)**  
Mike Minton 

<b>ORGANIZATION ASSIGNMENT LIST</b>		Facilities Unit	Frank DelCarlo, Jeff Huhtala, Ricky Crowther (t)
1. Incident Name <b>Beaver</b>		Ground Support Unit	Harry Zabel
2. Date August 20, 2014	3. Time 1900	Communications Unit	Phil Shafer, Rick Cartoscelli
4. Operational Period <b>Day Shift August 21, 2014</b>		Medical Unit	Ken Earle, Ryan Reginato (t)
Position	Name	Receiving & Distribution	Fred Johnson
5. Incident Commander and Staff		Security Manager	Chris Spivey
Incident Commander	Mike Minton, Rick Young (t)	Food Unit	Jay Westlake
Deputy	Jay Kurth	<b>9. Operations Section</b>	
Safety Officer	Michele Tanzi, Jeff Barnhart, Bob Kafka	Operations	Steve Burns
Information Officer	Jim Mackenson, Kathy Hardy	Planning Ops	Alec Lane, Dustan Mueller (t)
Liaison Officer	Kent Swartzlander	<b>a. Division/Groups</b>	
Human Resources	Diane Simpson	<b>Branch I</b>	Kurt Lindstrand
6. Agency Representative		Division/Group C	Jeremy Human
Agency Administrator	Patty Grantham	Division/Group E	Brett Loomis
Agency Admin Rep	Lance Noxen	Division/Group J	Mark Patino
Fruitgrowers Timber	Terry Salvestro	Division/Group K / L	Randy Jennings
Michigan Cal	Chris Chase	Division/Group Repair	Shawn Burt, Clayton Swanger (t)
IARR AK	Dave Whitman, Gary Mullen	<b>b. Division/Groups</b>	
IARR Southern Region	John Nichols, Jeff Owenby (t)	<b>Branch II</b>	Jay Lusher
Resource Advisor	Erin Rentz	Division/Group A / W	Jesse Knox, Kevin Haloran
		Division/Group P	Don Fregulia
		Division/Group Q / T	Mark Vardanega
		Division/Group U / V	Byron Hart
		Division/Group	
		Division/Group	
		Division/Group	
7. Planning Section		<b>c. Air Operations Branch</b>	
Chief	Valery Lambeth, Walter Herzog (t)	Air Operations Branch Director	
Deputy	Dave Sinclear	Air Attack Supervisor	Curtis Coots / Rico Gonzalez (t)
Resources / Documentation / Demob Units	Gary Deboi, LouAnn Charbonnier, Rita Mustatia	Air Support Supervisor	Glenn Dietz
Situation Unit	Alan Taylor, Tim Ritchey (t)	Helicopter Coordinator	
Training	Seneca Smith	Air Tanker Coordinator	
CTSP	George Steel, Justin LeMay (t)	<b>10. Finance Section</b>	
GIS	Matt Dickenson, Kyle Felker, Jim Gonzalez, Elizabeth Hale	Chief	Rachel Corkill
FBAN	John Wood	Time Unit	Maggie Prochazka
IMET	Tim Sedlock	Cost Unit	Kenny Lucien
8. Logistics Section		Compensation/Claims Unit	Debbie McIntosh
Chief	Mike Jellison, Brett Shurr	Procurement	Karrie Linn
Deputy	Ken Kumpe	Prepared by (Resource Unit Leader) L. Charbonnier	
Supply Unit	Richard Sheets		
Ordering	Ron Pierce (t)		



# INCIDENT Weather Forecast



**FORECAST NO:** 30

**NAME OF FIRE:** Beaver Fire

**PREDICTION FOR:** Thursday DAY Shift

**UNIT:** Klamath National Forest

**SHIFT DATE:** August 21, 2014

**SIGNED:** *Tim Sedlock*

**TIME AND DATE**

**Incident Meteorologist**

**FORECAST ISSUED:** 08/20/2014 at 2000 PDT

**WEATHER DISCUSSION:** Fair to Good relative humidity recoveries expected Thursday morning. A stable air mass will promote more seasonal afternoon temperatures with continued very dry afternoon conditions for Thursday and Friday. Gusty afternoon and evening northwest winds are forecast at higher elevations.

## **WEATHER FORECAST:**

### **Thursday:**

**Weather:** Mostly sunny.

**High Temperature...**86-91 canyon bottom, 72-78 mid-upper slopes (Not much change from Wednesday)

**Min RH.....** 15-20% canyon bottoms, 25-30% high elevations (2-4 percent drier than Wednesday)

### **20-FOOT WINDS:**

**Canyons.....** Light morning winds, becoming upslope/upcanyon 6-10 mph in the afternoon.

**Ridgetop.....** Light and variable winds into early afternoon, becoming north-northwest 7-12 mph with gusts to 20 to mph late in the afternoon.

**CWR (>=0.10")....**0%

**LAL...1** (No Lightning)

**Haines Index....3** (Very low)

### **Thursday Night:**

**Weather:** Mostly clear.

**Low Temperature...** 50-55

**Max RH.....** Fair recovery... 50-65%

### **20-FOOT WINDS:**

**Canyons.....**North-northwest 6-11 mph in the evening, becoming light downslope/downcanyon after midnight.

**Ridgetop.....**North-northwest 8-12 mph in the evening with gusts to 20 mph, decreasing to 3-6 mph overnight becoming northeast.

**CWR (>=0.10")....**0%

**LAL...1** (No Lightning)

**Haines Index....4** (Low)

### **Outlook for Friday:**

**Weather:** Mostly sunny.

**High Temperature...** 83-88 canyon bottom, 71-76 mid-upper slopes (Few degrees cooler than Thursday)

**Min RH.....** 15-20% canyon bottoms, 25-30% high elevations (Little change from Thursday)

### **20-FOOT WINDS:**

**Canyons.....** Light morning winds, becoming upslope/upcanyon 6-10 mph in the afternoon.

**Ridgetop.....** Light northeast morning winds becoming north-northwest 7-12 mph with gusts to 20 mph late in the afternoon.

**CWR (>=0.10")....**0%

**LAL....1** (No Lightning)

**Haines Index....4** (Low)

## **EXTENDED OUTLOOK for Saturday - Monday:**

Near normal temperatures expected this weekend before a brief warming trend early next week. The air mass will remain quite dry into early next week. Slower and poorer humidity recoveries at night expected through the extended at mid-slopes and ridges.

**.Saturday through Monday...** Mostly clear...except partly cloudy in the afternoons and early evenings. Lows 51-56. Highs 85-92 canyon bottom, 73-80 mid-upper slopes. Min RH 15-20% canyon bottoms, 25-30% ridges. Light and variable overnight and morning winds, becoming north-northwest 6-10 mph in the afternoons and evenings.



## FIRE BEHAVIOR FORECAST

<b>FORECAST NUMBER:</b> 34	<b>TYPE OF FIRE:</b> Wildland Fire
<b>FIRE NAME:</b> Beaver	<b>OPERATIONAL PERIOD:</b> 8/21 0600 to 2000
<b>DATE ISSUED:</b> 8/20/14	<b>TIME ISSUED:</b> 2000
<b>UNIT:</b> Klamath N.F.	<b>SIGNED:</b> /s/ John Wood FBAN

### INPUTS

**WEATHER SUMMARY:** Fair to good relative humidity recoveries expected Thursday morning. A stable air mass will promote more seasonal afternoon temperatures with continued very dry afternoon conditions Thursday and Friday. Gusty afternoon and evening Northwest winds are forecast at higher elevations. Maximum temperatures canyon bottoms 86-91 degrees, mid-upper slopes 72-78 degrees. Minimum relative humidity canyon bottoms 15-20 percent, canyon bottoms 25-30 percent. Winds: Valleys, light morning winds becoming upslope/up canyon 6 to 10 mph in the afternoon. Ridge winds, light and variable winds into early afternoon becoming North-Northwest 7-12 mph with gusts 20 mph in the late afternoon.

**Haines:** 3

**ERC- 64**

### OUTPUTS

**GENERAL:** Normal seasonal temperatures will combine with smoke from nearby incidents slightly reducing fire behavior. Relative humidity below 15 percent has been a trigger for increased fire behavior. Inside control lines activity will mostly be smoldering duff and heavies but unburned fuel may consume with active spread and torching. Fuels remain drought stressed and about six weeks ahead of normal conditions, especially live fuel moistures. Consider the potential for roll out of hot material in steep terrain. Rates of spread in timber fuels up to 10-15 ch/hr and 6 foot flame lengths where wind and slope align. Rates of spread in brush/grass up to 24 ch/hr with flame lengths up to 8 ft. These fuels will need a combination of wind and slope to spread at the higher forecast levels. Anticipate spread rates on average to range from 1-5 ch/hr.

### SPECIFIC:

Fuel moisture: **1hr 3-6%** **1000 hr 7%** **Live 78%** Prob. of ign. **57-86%** Spot distance up to **.4 of a mile**.

**Branch I:** The upper end of Doggett Creek in Division K/L should continue be a focus area. Activity will persist here as fuels burn down, inside recent control lines. Rates of spread will remain low, reaching 2 ch/hr under favorable conditions.

**Branch II:** Fish Trap Creek should remain an area to watch because of the steep narrow drainage. Activity in the island should be slowing as available fuels are consumed. Minimal fire activity expected in the rest of the Branch.

**Initial Attack:** Gusty afternoon winds in combination with middle teen relative humidity could assist development of active fire spread on exposed sites. Winds combined with the drought stressed, dry fuels would likely develop single and group tree torching. Spotting trouble will not be limited to light fuels but will occur in the critically dry heavy fuels. Below 3500 feet, light fuels will initiate quickly and challenge direct attack. Above 3500 feet, timber fuels will develop fire behavior that will require mechanical support for successful attack. Conditions above 5000 feet will be favorable to suppression action with slightly higher fuel moistures slower burning fuels and large unburnable, open areas but fire will still burn with intensity.

### AIR OPERATIONS

There may be a slight impact to visibility in the morning but should not hamper air operations. Air should clear out late morning but may move back in in the early afternoon as smoke from the Happy Camp Complex filters in.

### Safety Message

Gravity hazards should be an emphasis during this time of the incident. Heavy equipment performing repair, fire weakened trees and logs and rocks that may not be anchored down, following the fire moving through the area. Continue to be check for these hazards as your work takes you to different areas of the fire.





<b>DIVISION ASSIGNMENT LIST</b>		1. Branch <b>I</b>		2. Division/Group <b>E</b>			
3. Incident Name <b>Beaver</b>		4. Operational Period <b>DAY OPERATIONS</b> Date: 8/21/14 Time: 0600-2000					
5. Operations Personnel							
Operations Chief	Steve Burns		Division/Group Supervisor	Brett Loomis			
Branch Director	Kurt Lindstrand		Air Support	Glenn Dietz			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Last Shift	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time	
HC1 Eldorado 1 (C-71)	Will Harris	8/21	21	N	DP 84 / 0700	1900	
ENG3 MNF 333 (E-353)	Stephanie Gleason	8/25	5	N	DP 84 / 0700	1900	
ENG6 Leeds Brush 151 (E-207)	Steven Lewis	8/21	2	N	DP 84 / 0700	1900	
WT2 Darrah (E-51)	Wayne Williams	8/29	1	N	DP 84 / 0700	1900	
WT2 Cattlelack 713 (E-3)	David Patrick	8/25	1	N	DP 84 / 0700	1900	
FALM (O-287)	Rick Mee	8/25	2	N	DP 84 / 0700	1900	
FELB (O-319)	James Rust	8/27	1	N	DP 84 / 0700	1900	
FOBS (O-386)	Kay Kudo	9/3	1				
FOBS (t) (O-385)	Tim Epp	9/3	1				
FEMP (O-47)	Matt Miller	8/22	1	N	DP 84 / 0700	1900	
FEMT (O-52)	Jared McElhannon	8/22	1	N	DP 84 / 0700	1900	
SOFR (O-338) Share w/all BR I	Mike Alforque	8/26	1	N	DP 84 / 0700	1900	
7. Control Operations							
<ul style="list-style-type: none"> <li>Mop up 300 feet where safe to do so.</li> </ul>							
8. Special Instructions							
<ul style="list-style-type: none"> <li>Continue fireline repair.</li> <li>Backhaul trash and excess equipment.</li> <li>Avoid cutting hazard trees that are blazed and painted as property line trees if possible.</li> <li>Be prepared for initial attack.</li> </ul>							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 166.6125 TX 168.4000	NIFC C4	1 Tone 4 (136.5)	Air to Ground	RX 165.4125 TX 165.4125	A/G CMD	12
Tactical Division/Group	RX 166.7250N TX 166.7250N	NIFC T-5	6 Tone 4 (136.5)				
Prepared by (Resource Unit Leader)		Approved by (Planning Section Chief)			Date	Time	
Rita Mustatia		<i>Walter J. Hery</i>			8/20/2014	20:44	

DIVISION ASSIGNMENT LIST		1. Branch <b>I</b>		2. Division/Group <b>J</b>			
3. Incident Name <b>Beaver</b>		4. Operational Period <b>DAY OPERATIONS</b> Date: 8/21/14 Time: 0600-2000					
5. Operations Personnel							
Operations Chief	Steve Burns		Division/Group Supervisor	Mark Patino (8/23)			
Branch Director	Kurt Lindstrand		Air Support	Glenn Dietz			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Last Shift	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time	
HC2IA Intertribal #1 (C-84)	Jacob Wisehart	8/27	20	N	DP 55 / 0700	1900	
HC2 Delta #2 (C-44)	Zachary Jacobson	8/23	20	N	DP 55 / 0700	1900	
ENG T3 CA-PNF 325 (E-224)	James Lico	8/29	5	N	DP 84 / 0700	1900	
ENG6 Bohica Brothers 61 (E-335)	David Campbell	8/26	3	N	DP 84 / 0700	1900	
FOBS (O-295)	Kurt Pindel	8/28	1	N	DP 55 / 0700	1900	
FOBS (O-294)	Wes Duncan	8/28	1	N	DP 55 / 0700	1900	
FEMP (O-384)	Tim Wilson	9/2	1	N	DP 55 / 0700	1900	
FEMP (O-364)	Richard Bethel	8/30	1	N	DP 55 / 0700	1900	
SOFR (O-338) Share w/all BR I	Mike Alforque	8/26	1	N	DP 84 / 0700	1900	
7. Control Operations							
<ul style="list-style-type: none"> <li>Patrol fireline</li> </ul>							
8. Special Instructions							
<ul style="list-style-type: none"> <li>Continue fireline repair.</li> <li>Backhaul trash and excess equipment.</li> <li>Avoid cutting hazard trees that are blazed and painted as property line trees if possible.</li> <li>Be prepared for initial attack</li> </ul>							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 166.6125 TX 168.4000	NIFC C4	1 Tone 4 (136.5)	Air to Ground	RX 165.4125 TX 165.4125	A/G CMD	12
Tactical Division/Group	RX 167.1125N TX 167.1125N	FS R5 T5	10 Tone 4 (136.5)				
Prepared by (Resource Unit Leader)		Approved by (Planning Section Chief)			Date	Time	
Rita Mustatia		<i>Walter J. Skyring</i>			8/20/2014	20:46	



<b>DIVISION ASSIGNMENT LIST</b>		1. Branch <b>I</b>		2. Division/Group <b>K / L page 1 of 2</b>			
3. Incident Name <b>Beaver</b>		4. Operational Period <b>DAY OPERATIONS</b> Date: 8/21/14 Time: 0600-2000					
5. Operations Personnel							
Operations Chief	Steve Burns		Division/Group Supervisor	Randy Jennings			
Branch Director	Kurt Lindstrand		Air Support	Glenn Dietz			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Last Shift	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time	
HC1 Springville IHC (C-80)	Joaquin Medna	8/27	20	N	DP 46 / 0700	1900	
HC1 Pioneer Peak (C-1)	Matt Jones	8/28	22	N	DP 46 / 0700	1900	
HC2IA Yukon (C-14)	Lamuel Black	8/30	22	N	DP 46 / 0700	1900	
HC2IA ASI (C-3)	Jason Sare	8/30	20	N	DP 46 / 0700	1900	
HC2 Upper Tanana 1 (C-78)	Shane Sam	8/26	20	N	DP 46 / 0700	1900	
HC2 St. Michael (C-79)	Aloysius Otten	8/26	20	N	DP 46 / 0700	1900	
S/T ENG 1658C (E-328)	Peter Stephenson	8/26	27	N	DP 46 / 0700	1900	
ENG3 NM 316 (E-9)	Mike Martinez	8/30	3	N	DP 46 / 0700	1900	
ENG3 NM 516 (E-10)	Donald Valdez	8/30	3	N	DP 46 / 0700	1900	
ENG6 Mt. Adam 322 (E-147)	Don Holter	9/1	3	N	DP 46 / 0700	1900	
ENG6 Mt. Adam 324 (E-148)	Chuck Newberry	8/30	3	N	DP 46 / 0700	1900	
ENG6 Fairview 8 (E-205)	Grover Allrer	8/21	3	N	DP 46 / 0700	1900	
ENG6 Timberline (E-337)	Dylan Howard	8/26	3	N	DP 46 / 0700	1900	
ENG3 ASF 361 (E-180.3)	Tyler Rand Hall	9/4	5	N	DP 46 / 0700	1900	
ENG3 ASF 372 (E-180.4)	Guy Wilson	9/4	5	N	DP 46 / 0700	1900	
DOZ2 w/LOWB CLT (E-127)		8/18	1	N	DP 46 / 0700	1900	
Skidgen (E-138)		8/19	4	N	DP 46 / 0700	1900	
7. Control Operations							
<ul style="list-style-type: none"> <li>Hold and mop up existing fireline.</li> <li>Mop up 300' where safe to do so.</li> </ul>							
8. Special Instructions:							
<ul style="list-style-type: none"> <li>Backhaul trash and excess hose.</li> <li>Avoid cutting hazard trees that are blazed as property line trees if possible.</li> <li>Be prepared for initial attack.</li> </ul>							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 166.6125 TX 168.4000	NIFC C4	1 Tone 4 (136.5)	Air to Ground	RX 165.4125 TX 165.4125	A/G CMD	12
Tactical Division/Group	RX 166.7750 TX 166.7750	NIFC TAC 6	7 Tone 4 (136.5)				
Prepared by (Resource Unit Leader) Rita Mustatia		Approved by (Planning Section Chief) <i>Walter J. King</i>			Date 8/20/2014		Time 21:42

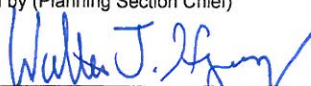
<b>DIVISION ASSIGNMENT LIST</b>		1. Branch <b>I</b>		2. Division/Group <b>K / L page 2 of 2</b>			
3. Incident Name <b>Beaver</b>		4. Operational Period <b>DAY OPERATIONS</b> Date: <b>8/21/14</b> Time: <b>0600-2000</b>					
5. Operations Personnel							
Operations Chief	Steve Burns		Division/Group Supervisor	Randy Jennings			
Branch Director	Kurt Lindstrand		Air Support	Glenn Dietz			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Last Shift	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time	
WT2 Darrah (E-122)	Kevin Ricky	9/1	1	N	DP 46 / 0700	1900	
WT2 Darrah Logging (E-29)	David Orr	9/1	1	N	DP 46 / 0700	1900	
WT ENF 6 (E-180.8)	Michael Loeffler & Stephen Clifford	8/26	1	N	DP 46 / 0700	1900	
HEQB (O-258)	Terrance Corely	8/27	1	N	DP 46 / 0700	1900	
TFLD (O-382)	Brandon Hostetter (t)	8/27	1	N	DP 46 / 0700	1900	
FOBS (O-297)	Bob Hoard	8/26	1	N	DP 46 / 0700	1900	
FOBS (O-296)	Jeremy Kolaks	8/27	1	N	DP 46 / 0700	1900	
FOBS (t) (O-274)	John Merager	8/27	1	N	DP 46 / 0700	1900	
FEMP (O-48)	Ben Signor	8/21	1	N	DP 46 / 0700	1900	
FEMT (O-51)	Kain Packwood	8/22	1	N	DP 46 / 0700	1900	
FEMP (O-383)	Fabian Uresti	9/2	1	N	DP 46 / 0700	1900	
SOFR (O-338) Share w/all BR I	Mike Alforque	8/26	1	N	DP 84 / 0700	1900	
READ (O-213)	Craig Wilson	8/22	1	N	DP 46 / 0700	1900	
7. Control Operations							
<ul style="list-style-type: none"> <li>Hold and mop up existing fireline.</li> <li>Mop up 300' where safe to do so.</li> </ul>							
8. Special Instructions:							
<ul style="list-style-type: none"> <li>Backhaul trash and excess hose.</li> <li>Avoid cutting hazard trees that are blazed as property line trees if possible.</li> <li>Be prepared for initial attack.</li> </ul>							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 166.6125 TX 168.4000	NIFC C4	1 Tone 4 (136.5)	Air to Ground	RX 165.4125 TX 165.4125	A/G CMD	12
Tactical Division/Group	RX 166.7750 TX 166.7750	NIFC TAC 6	7 Tone 4 (136.5)				
Prepared by (Resource Unit Leader) Rita Mustatia		Approved by (Planning Section Chief) <i>Walter J. Lynn</i>			Date 8/20/2014	Time 21:30	



<b>DIVISION ASSIGNMENT LIST</b>		1. Branch <b>II</b>		2. Division/Group <b>A / W</b>			
3. Incident Name <b>Beaver</b>		4. Operational Period <b>DAY OPERATIONS</b> Date: 08/21/2014 Time: 0600-2000					
5. Operations Personnel							
Operations Chief	Steve Burns		Division/Group Supervisor	Jesse Knox, Kevin Halorhan (t) (8/25)			
Branch Director	Jay Lusher		Air Support	Glenn Dietz			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Last Shift	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time	
ST 6611C (E-329)	Josh Richardson	8/26	26	N	DP 90 / 0700	1900	
WT1 Cattlelack 131 (E-284)	Eric Head	8/29	1	N	DP 90 / 0700	1900	
CHIP Seb's Tree Service (E-379)	Jason Grampa	8/30	1	N	DP 90 / 0700	1900	
CHIP w/Truck (O-380 O-381)	John Morgan / Joseph Jones	30-Aug	2	N	DP 90 / 0700	1900	
FEMT (O-370)	Kevin Lenihan	9/01	1	N	DP 90 / 0700	1900	
FEMT (O-365)	Keith Albrecht	8/23	1	N	DP 90 / 0700	1900	
SOFR (O-139) Share w/all BR II	Kim Lemke	8/23	1	N	DP 90 / 0700	1900	
READ (O-4)	Erin Rentz	8/31	1	N	DP 90 / 0700	1900	
READ (387)	Kevin Albrecht	9/3	1	N	DP 90 / 0700	1900	
7. Control Operations							
<ul style="list-style-type: none"> <li>Patrol fireline</li> </ul>							
8. Special Instructions							
<ul style="list-style-type: none"> <li>Continue suppression repair.</li> <li>Backhaul trash and excess hose.</li> <li>Avoid cutting hazard trees that are blazed as property line trees if possible.</li> <li>Be prepared for initial attack.</li> </ul>							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 166.6125 TX 168.4000	CMD 4	1 Tone 4 (136.5)	Air to Ground	RX 165.4125 TX 165.4125	A/G CMD	12
Tactical Division/Group	RX 168.6000N TX 168.6000N	NIFC T-3	5 Tone 4 (136.5)				
Prepared by (Resource Unit Leader) Rita Mustatia		Approved by (Planning Section Chief) <i>Walter J. Hogg</i>			Date 8/20/2014	Time 21:30	

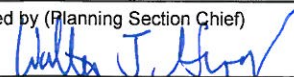




<b>DIVISION ASSIGNMENT LIST</b>		1. Branch <b>II</b>		2. Division/Group <b>Q / T</b>			
3. Incident Name <b>Beaver</b>		4. Operational Period <b>DAY OPERATIONS</b> Date: 8/21/14 Time: 0600-2000					
5. Operations Personnel							
Operations Chief	Steve Burns		Division/Group Supervisor	Mark Vardanega			
Branch Director	Jay Lusher		Air Support	Glenn Dietz			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Last Shift	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time	
HC2IA Arkansas AOICC (C-85)	Terry Beatty, R.L. Self (t)	8/28	20	N	DP 18 / 0700	1900	
ENG6 Santa Clara Br32 (E-206)	Gabe Runolfson	8/21	2	N	DP 18 / 0700	1900	
WT2 Peters 2 (E-120)	Jesse Morton	8/22	1	N	DP 18 / 0700	1900	
EXC Carlson's Spider (E-378)	Curt Carlson	8/31	1	N	DP 18 / 0700	1900	
HEQB (O-259)	James Gregory	8/28	1	N	DP 18 / 0700	1900	
EXC N Rivers (E-372)	Tim Beck	8/31	1	N	DP 18 / 0700	1900	
FEMP (O-201)	Brian Jones	8/21	1	N	DP 18 / 0700	1900	
FEMP (O-245)	Orland Ramirez	8/25	1	N	DP 18 / 0700	1900	
SOFR (O-139) Share w/all BR II	Kim Lemke	8/23	1	N	DP 90 / 0700	1900	
7. Control Operations							
<ul style="list-style-type: none"> <li>Patrol fireline</li> </ul>							
8. Special Instructions							
<ul style="list-style-type: none"> <li>Backhaul trash and excess hose.</li> <li>Continue suppression repair.</li> <li>Avoid cutting hazard trees that are blazed as property line trees if possible.</li> <li>Be prepared for initial attack.</li> </ul>							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
CMD	RX 166.6125 TX 168.4000	CMD 4	1 Tone 4 (136.5)	Air to Ground	RX 165.4125 TX 165.4125	A/G CMD	12
Tactical Division/Group	RX 166.7250 TX 166.7250	NIFC TAC 5	6 Tone 4 (136.5)				
Prepared by (Resource Unit Leader) Rita Mustatia		Approved by (Planning Section Chief) 			Date 8/20/2014	Time 21:32	





<b>DIVISION ASSIGNMENT LIST</b>			1. Branch		2. Division/Group <b>Repair Group</b>		
3. Incident Name <b>Beaver</b>			4. Operational Period <b>DAY OPERATIONS</b> Date: 8/21/14 Time: 0600-2000				
5. Operations Personnel							
Operations Chief		Steve Burns		Division/Group Supervisor		Shawn Burt (8/24), Clayton Swanger (8/23)	
Branch Director				Air Support		Glenn Dietz	
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator		Leader	Last Shift	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
DOZ2 w/LOWB Bens (E-91)		Boise Laurence	8/29	1	N	DP 54 / 0700	1900
DOZ2 w/LOWB North State (E-133)		William Erickson	9/1	3	N	DP 54 / 0700	1900
WT2 Cattlelack (E-124)		Bob Buck	8/26	2	N	DP 54 / 0700	1900
DOZ2 w/LOWB Bens (E-92)		Kurt Sales	8/30	2	N	DP 54 / 0700	1900
DOZ2 w/LOWB Bens (E-196)		Bill Scarbrough	8/31	2	N	DP 54 / 0700	1900
EXC Peters (E-373)		Mike Peters	8/29	1	N	DP 54 / 0700	1900
EXC Brown's(E-374)		Gary Baugh	8/30	1	N	DP 54 / 0700	1900
EXC Brown Const (E-375)		Joaquin Durazo	8/30	1	N	DP 54 / 0700	1900
EXC Darrah (E-383)		Keith Darrah	8/31	1	N	DP 54 / 0700	1900
HEQB (O-257)		James Ballard	8/27	1	N	DP 54 / 0700	1900
HEQB (O-292)		Lucas Birch	8/25	1	N	DP 54 / 0700	1900
HEQB (O-360)		Byron James Haire	8/31	1	N	DP 54 / 0700	1900
HEQB (O-375)		Casey Lovell	8/31	1	N	DP 54 / 0700	1900
HEQB (O-373)		Pete Glover	8/26	1	N	DP 54 / 0700	1900
HEQB (O-376)		Jon Devino	8/23	1	N	DP 54 / 0700	1900
HEQB (O-374)		Garrett Kirpach	9/2	1	N	DP 54 / 0700	1900
7. Control Operations <ul style="list-style-type: none"> <li>Support repair efforts in all divisions.</li> </ul>							
8. Special Instructions							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 166.6125 TX 168.4000	NIFC C4	1 Tone 4 (136.5)	Air to Ground	RX 165.4125 TX 165.4125	A/G CMD	12
Tactical Division/Group	RX 166.5500 TX 166.5500	FS R5 T4	9 Tone 4 (136.5)				
Prepared by (Resource Unit Leader) Rita Mustatia			Approved by (Planning Section Chief) 			Date 8/20/2014	Time 21:40

**INCIDENT RADIO COMMUNICATIONS PLAN**

Incident Name: **BEAVER FIRE CA-KNF-005497** Date/Time Prepared: **08/20/14 2000** Operational Period Date/Time: **DAY SHIFT 08/21/14**

**Only frequencies listed on this 205 are authorized for use on this incident. Hand programmers accept all responsibility for the use of unauthorized frequencies.**

Ch #	Function	Channel Name	Assignment	RX Freq N or W	RX Tone	TX Freq N or W	TX Tone	Mode	Remarks
1	NIFC CMD 4	CMD 4	ALL DIVISIONS	166.6125N		168.4000N	T4, 136.5	A	
2	NIFC CMD 11	CMD 11	ALL DIVISIONS	170.6875N		166.575N	T4, 136.5	A	
3	NIFC CMD 41	CMD 41	ALL DIVISIONS	169.3875N		166.6000N	T4, 136.5	A	
4	TACTICAL	NIFC T-1	DIVISION C	168.0500N		168.0500N	T4, 136.5	A	
5	TACTICAL	NIFC T-3	DIVISIONS AW & P	168.6000N		168.6000N	T4, 136.5	A	
6	TACTICAL	NIFC T-5	DIVISIONS E & Q/T	166.7250N		166.7250N	T4, 136.5	A	
7	TACTICAL	NIFC T-6	DIVISIONS K/L	166.7750N		166.7750N	T4, 136.5	A	
8	TACTICAL	NIFC T-7	AVAILABLE	168.2500N		168.2500N	T4, 136.5	A	
9	TACTICAL	FS R5 T4	REPAIR	166.5500N		166.5500N	T4, 136.5	A	
10	TACTICAL	FS R5 T5	DIVISIONS J & UV	167.1125N		167.1125N	T4, 136.5	A	
11	TACTICAL	FS R5 T6	AVAILABLE	168.2375N		168.2375N	T4, 136.5	A	
12	AIR TO GROUND	AVG CMD	ALL DIVISIONS	165.4125N		165.4125N		A	BEAVER AIR TO GROUND
13	No Longer Available	AVG TAC	NO ONE	169.6375N		169.6375N		A	<b>NOT AUTHORIZED FOR USE</b>
14	ALT COMMAND	BLACK T1	ALL DIVISIONS	168.1750N		171.5250N	T1, 110.9	A	USE IF NIFC COMMAND NETS FAIL
15	CALCORD	CALCORD	MED HELO CONTACT	156.0750N		156.0750N	T6, 156.7	A	
16	URGENT AIR CONTACT	AIRGUARD	ALL DIVISIONS	168.6250N		168.6250N	T1, 110.9	A	USE ONLY FOR URGENT AIRCRAFT CONTACT IF HAND PROGRAMMING USE TONE 1

Prepared by: *[Signature]* Incident Location: \_\_\_\_\_

hill Shafer, COM1 NorCal IMT 1  
 ick Cartoscelli, COM1

35 - 2007H

MODE A - ANOLOG, D - DIGITAL



**INCIDENT RADIO COMMUNICATIONS PLAN**

Incident Name

**Initial Attack CA-KNF-005497**

Date/Time Prepared

08/20/14 2000

Operational Period Date/Time

ANY 08-21-14

**Only frequencies listed on this 205 are authorized for use on this incident.**

**Hand programmers accept all responsibility for the use of unauthorized frequencies.**

Ch #	Function	Channel Name	Assignment	RX Freq N or W	RX Tone	TX Freq N or W	TX Tone	Mode	Remarks
1	BLACK	BLK T1	INITIAL ATTACK	168.1750N		171.5250N	T1, 110.9	A	T1 MASE PK
2	BLACK	BLK T2	INITIAL ATTACK	168.1750N		171.5250N	T2,123.0	A	T2 LAKE MT
3	BLACK	BLK T10	INITIAL ATTACK	168.1750N		171.5250N	T10,107.2	A	T10 COLLINS BALDY
4	ORANGE	ORANGET2	INITIAL ATTACK	168.7750N		170.5750N	T2, 123.0	A	T2 LAKE MT
5	ORANGE	ORANGET4	INITIAL ATTACK	168.7750N		170.5750N	T4, 136.5	A	T4 UKONOM
6	ORANGE	ORANGET11	INITIAL ATTACK	168.7750N		170.5750N	T11,114.8	A	T11 SLATER
7	TACTICAL	NIFC T 2	INITIAL ATTACK	168.2000N		168.2000N		A	
8	TACTICAL	R5 T 4	INITIAL ATTACK	166.5500N		166.5500N		A	
9	KNF AG P	KNF AG43	INITIAL ATTACK	167.6000N		167.6000N		A	
10	SISKIYOU LOCAL	SKULOCAL	INITIAL ATTACK	151.3250N		159.3600N	T1,110.9	A	
11	SISKIYOU TAC1	SKU T 1	INITIAL ATTACK	151.1450N		151.1450N	T16,192.8	A	
12	SISKIYOU AG1	SKU AG 1	INITIAL ATTACK	151.2200N		151.2200N		A	
13	KNF FOR RPT	KNF RPT2	ALTERNATE COMMAND	164.1750N		164.9750N	T2,123.0	A	USE IF NIFC COMMAND NETS FAIL
14	KNF FOR RPT	KNFRPT10	ALTERNATE COMMAND	164.1750N		164.9750N	T10,107.2	A	USE IF NIFC COMMAND NETS FAIL
15	CALCORD	CALCORD	MED HELO CONTACT	156.0750N		156.0750N	T6, 156.7	A	
16	URGENT AIR CONTACT	AIRGUARD	ALL DIVISIONS	168.6250N		168.6250N	T1, 110.9	A	USE ONLY FOR URGENT AIRCRAFT CONTACT IF HAND PROGRAMMING USE TONE 1

Prepared by

Incident Location

Phil Shafer, COM1 NorCal IMT 1

Rick Cartoscelli, COM1



35 - 2007H

JDE A - ANOLOG, D - DIGITAL

<b>1. INCIDENT NAME:</b> Beaver CA-KNF-5497	<b>2. OPS PERIOD DATE:</b> 8/21/2014	<b>START TIME:</b> 0800	<b>END TIME:</b> 2100	<b>SUNRISE:</b> 0625	<b>SUNSET:</b> 2000
<b>3. REMARKS (Safety Notes, Hazards, Air Operations, Special Equipment, etc.):</b> Watch for wires in river canyons. Beware of rapidly changing VFR conditions due to smoke. Avoid dipping at the confluence of the Klamath river and Horse creek below bridge. Practice good communication and airspace deconfliction when operating near fence or other incidents.			<b>4. READY ALERT AIRCRAFT</b> MEDEVAC: H-408KC (Scott Valley) Guard-820 (Weed) I.A.: H-7HE		<b>5. TFR #:</b> 4/4519 42°00.000' N x 123°39.900' W 42°00.000' N x 122°41.500' W 41°48.000' N x 122°41.500' W 41°36.150' N x 123°00.000' W 41°36.150' N x 123°31.616' W Ceiling: 10,000' MSL

6. PERSONNEL	NAME	PHONE #	7. FREQUENCIES	AM	FM	8. FIXED-WING- Type/ Make-Model/ N#/ Base
AOBD			AIR/ AIR TFR	119.625		AIRTANKERS- Ordered by ATGS
ASGS	Glenn Dietz	530-227-0017	AIR/ AIR RW	126.5750		LEAD PLANES- Ordered by ATGS
ATGS			AIR/ AIR RW- FF		162.2250	AA-85L Off Duty AA-05 KNF - I.A.
HLCO	Curtis Coots		Air to Ground		165.4125	AA-509 July Complex AA-17V Happy Camp AA-17 Happy Camp Yreka ECC Aircraft Dispatcher 530-841-4600
HEB2	Jerry Gutierrez	505-259-0522	COMMAND	RX	See comm	Plan
HEB2(T)	Mike White	575-313-1189	DECK			tx
	Oak Knoll Helibase		TOLC		163.1000	
Air Ops (ICP)		530-496-1523			163.1000	

**9. HELICOPTERS (Use Additional Sheets as Necessary)**

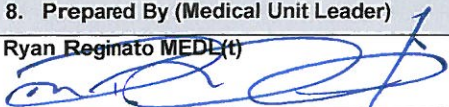
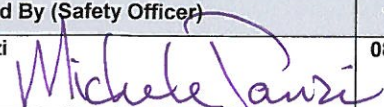
FAA N#	T	MAKE/ MODEL	BASE	AVAIL	START	REMARKS	FAA N#	T	MAKE/ MODEL	BASE	AVAIL	START	REMARKS
N7HE	3	Astar B3	Hilt	0830				Y	July Complex				
								Y	Other Equipment Assigned				

**10. TASK/ MISSION/ ASSIGNMENT (Type/ function includes: Air Tactical, Retardant, Recon, Personnel Transport, Bucket Operations, SAR, etc.)**

TYPE/FUNCTION	NAME OF PERSONNEL OR CARGO (If applicable) or instructions for tactical aircraft	MISSION START	FLY FROM	FLY TO
Water Dropping		As Needed		
Recon		As Needed		
Airspace Coordination	For aircraft traffic within two miles of, or intent to cross, TFR fence make notification on the assigned TFR air to air AM Frequency.	TFR Fence:	123°06.000' W	



## MEDICAL PLAN (ICS 206 WF)

<b>1. Incident/Project Name</b>				<b>2. Operational Period</b>							
<b>Beaver</b>				Date/Time: <b>08/21/2014 – Day Shift</b>							
<b>3. Ambulance Services</b>											
<b>Name</b>	<b>Location</b>			<b>Phone &amp; EMS Frequency</b>		<b>Advanced Life Support (ALS)</b> Yes      No					
Happy Camp Medic 21	Division P at DP-44			NIFC C4			X				
Hoopla Medic 83	Klamath River Community			NIFC C4		X					
<b>4. Air Ambulance Services</b>											
<b>Name</b>	<b>Phone</b>			<b>Type of Aircraft &amp; Capability</b>							
Mercy Flights	(530) 842-3515			BO-105, ALS Night Ops							
REACH Helicopter	(530) 842-3515			Bell 407, ALS							
PHI, Redding	(530) 842-3515			EC-135, ALS							
CHP	(530) 842-3515			Hoist Capabilities							
H-408, Kern Co.	(530) 842-3515			Bell UH1H, 24 hr ALS, Night Ops, Hoist Capabilities							
<b>5. Hospitals</b>											
<b>Name &amp; Level</b>	<b>GPS Datum – WGS 84 Degrees Decimal Minutes</b>		<b>Travel Time</b>		<b>Phone</b>	<b>Helipad</b> Yes    No		<b>Address</b>			
Fairchild Medical Center Level 4 Trauma Center	Lat:	N41 43.198	15 min.	30 min.	(530) 841-6292	X		444 Bruce St. Yreka, CA 96097			
	Long:	W122 38.76									
	VHF:										
Mercy Medical Center Mt. Shasta Level 3 Trauma Center	Lat:	N41 15.48	45 min.	1 hr.	(530) 926-6111	X		914 Pine St. Mt. Shasta, CA 96067			
	Long:	W122 16.15									
	VHF:										
Rogue Valley Medical Center Level 3 Trauma Center	Lat:	N42 19.08	15 min.	55 min.	(541) 789-7100	X		2825 Barnett Rd. Medford, OR 97504			
	Long:	W122 49.91									
	VHF:										
U.C. Davis Medical Center Level 1 Trauma/Burn Center	Lat:	N38 33.14	1 hr. 45 min.	4 hr. 45 min.	(916) 734-2011	X		2315 Stockton Blvd. Sacramento, CA			
	Long:	W121 27.26									
	VHF:										
<b>6. Division / Crew Pre-plan Update and discuss with assigned resources daily</b>											
<b>Crew EMTs &amp; Equipment</b>											
<b>Fireline EMTs &amp; Location Adv. Life Support?</b>											
<b>Air Hoist site: Lat: / Long:</b>											
<b>Helispot: Lat: / Long:</b>											
<b>Alternate no-fly plan:</b>											
<b>7. Remote Aid Stations</b>											
<b>Frontline Medical</b> Quarry Base Camp N41 49.39 W122 58.34			<b>Point of Contact:</b>			Tim Irwin, Landline (530) 496-1536 or Cell (928) 239-0153					
			<b>EMS Responders &amp; Capability:</b>			Advanced Life Support / Flight Medic					
			<b>Equipment Available on Site:</b>			Medical Supplies					
			<b>Ambulance ETA :</b>			Air – 20 min.      Ground – 60 min.					
<b>Medical Unit</b> Incident Command Post N41 49.20 W122 58.09			<b>Point of Contact:</b>			MEDL(t) Ryan Reginato, Cell (530) 925-1309					
			<b>EMS Responders &amp; Capability:</b>			Basic Life Support					
			<b>Equipment Available on Site:</b>			Medical Supplies					
			<b>Ambulance ETA :</b>			Air – 20 min.      Ground – 60 min.					
<b>8. Prepared By (Medical Unit Leader)</b>			<b>9. Date/Time</b>			<b>10. Reviewed By (Safety Officer)</b>			<b>11. Date/Time</b>		
Ryan Reginato MEDL(t) 			08/20/14 2000			Michele Tanzi 			08/20/14 2000		

# MEDICAL PLAN (ICS 206 WF)

## Medical Incident Report

**Use items one through nine to communicate situation to communications/dispatch.**

### 1. CONTACT COMMUNICATIONS, DECLARE: "MEDICAL EMERGENCY" OR "NON-EMERGENCY MEDICAL TRANSPORT"

*Ex: "Communications, Div. Alpha. Stand-by for a medical emergency on Div. Alpha" (If life threatening request designated frequency be cleared for emergency traffic.)*

### 2. INCIDENT STATUS: Provide incident summary and command structure.

- **Nature of Injury/Illness** Describe the injury (Ex: Broken leg with bleeding) \_\_\_\_\_
- **Incident Name** Geographic Name + "Medical" (Ex: Trout Meadow Medical) \_\_\_\_\_
- **Incident Commander** Name of IC \_\_\_\_\_
- **Patient Care** Name of Care Provider (Ex: EMT Smith) \_\_\_\_\_

### 3. INITIAL PATIENT ASSESSMENT: Complete this section for each pt. This is only a brief, initial assessment. Provide additional pt. info after completing this report.

- **Number of Patients:** \_\_\_\_\_ - **Male / Female:** \_\_\_\_\_ - **Age:** \_\_\_\_\_ - **Weight:** \_\_\_\_\_
- **Conscious?**  YES  NO = MEDEVAC! - **Breathing?**  YES  NO = MEDEVAC!
- **Mechanism of Injury** What caused the injury? \_\_\_\_\_
- **Location, Lat/Long** (Datum WGS84) Ex: N 40° 42.45' x W 123° 03.24' \_\_\_\_\_

### 4. SEVERITY OF EMERGENCY, TRANSPORT PRIORITY

SEVERITY	TRANSPORT PRIORITY
<input type="checkbox"/> <b>URGENT-RED</b> Life threatening injury or illness. <i>Ex: Unconscious, difficulty breathing, bleeding severely, 2° – 3° burns more than 4 palm sizes, heat stroke, disoriented.</i>	Ambulance or MEDEVAC helicopter. Evacuation need is <b>IMMEDIATE.</b>
<input type="checkbox"/> <b>PRIORITY-YELLOW</b> Serious Injury or illness. <i>Ex: Significant trauma, not able to walk, 2° – 3° burns not more than 1-2 palm sizes.</i>	Ambulance or consider air transport if at remote location. Evacuation may be <b>DELAYED.</b>
<input type="checkbox"/> <b>ROUTINE-GREEN</b> Not a life threatening injury or illness. <i>Ex: Sprains, strains, minor heat-related illness.</i>	Non-Emergency. Evacuation considered <b>Routine of Convenience.</b>

### 5. TRANSPORT PLAN:

**Air Transport:** (Agency Aircraft Preferred)

- Helispot                       Short-haul/Hoist                       Life Flight                       Other

**Ground Transport:**

- Self-Extract                       Carry-Out                       Ambulance                       Other

### 6. ADDITIONAL RESOURCE/EQUIPMENT NEEDS:

- Paramedic/EMT(s)     SKED/Backboard/C-Collar     Crew(s)                       Burn Supplies                       Oxygen  
 Trauma Bag                       Medication(s)                       IV/Fluid(s)                       Cardiac Monitor/AED  
 Other (i.e. splints, rope rescue, wheeled litter)

### 7. COMMUNICATIONS:

- Run Medical Emergency on COMMAND
- Coordinate with air ambulance on CALCORD Tone 6

### 8. EVACUATION LOCATION:

- **Lat/Long** (Datum WGS84) EX: N 40 42.45' x W 123 03.24' \_\_\_\_\_
- **Patient's ETA to Evacuation Location:** \_\_\_\_\_
- **Helispot/Extraction Size and Hazards:** \_\_\_\_\_

### 9. CONTINGENCY: If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be thinking ahead...

\_\_\_\_\_

\_\_\_\_\_

**REMEMBER:** -Confirm ETA's of resources ordered                      -Act according to your level of training  
 - If air or ground ambulance is DELAYED: Package and transport patient to rendezvous with incoming Ambulance.  
 Re-route EMS helicopter to rendezvous point as appropriate.



**INCIDENT RISK ANALYSIS**  
**Beaver Fire**  
**(ICS 215A) August 21<sup>st</sup>, 2014 Day Shift 0600-2000**

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES
ALL	<b>Medical Emergencies</b>	<ul style="list-style-type: none"> <li>• Review and understand Medical Plan in IAP.</li> <li>• Base all operational activities on these three questions               <ul style="list-style-type: none"> <li>○ What are we going to do if someone gets hurt?</li> <li>○ How will we get them out of here?</li> <li>○ How long will it take to get them to a hospital?</li> </ul> </li> <li>• If the answers are insufficient, stop, reassess and consider alternate strategies and tactics!</li> <li>• <b>Review and brief your crews using page 2 in the IRPG.</b></li> </ul>
ALL	<b>Hydration &amp; Heat Illness</b>	<ul style="list-style-type: none"> <li>• <b>Pre-hydrate, Re-hydrate! Dehydration is preventable.....Drink a minimum of 250ml/hour; (¼ of canteen)</b></li> <li>• Drink water &amp; Electrolyte drinks before, during, and after shifts. (2 waters to 1 sports drink).</li> <li>• <b>Do NOT mix with water</b> or dilute electrolyte drink. It must be consumed as is for the body to absorb properly.</li> <li>• <b>Low volumes of dark, concentrated urine or painful urination indicate a serious need for rehydration, &amp; medical attention.</b></li> <li>• Ensure your crews take an adequate water/electrolyte supply out to assignment and order more as needed. Take frequent snack breaks to keep blood sugar levels up.</li> <li>• Pace work to avoid heat injuries</li> <li>• Heat exhaustion is characterized by: Weakness, Extreme Fatigue, Nausea, Dizziness &amp; Headaches, clammy skin, persistent muscle cramps, decreased urine output.               <ul style="list-style-type: none"> <li>○ <b>Cool patient as quickly as possible!</b></li> <li>○ Move patient to a cooler location and provide cold water and sports drink.</li> <li>○ Actively reduce core temperature through evaporation by fanning patient.</li> <li>○ Cover head and neck with wet cloth, increase air movement.</li> <li>○ Heat exhaustion is characterized by: Weakness, Extreme Fatigue, Nausea, Dizziness Headaches, clammy skin, persistent muscle cramps, decreased urine output.</li> <li>○ Remove Patient from fireline and seek medical attention.</li> </ul> </li> <li>• <b>Mental confusion may develop This is a serious trigger point for the potential onset of Heat stroke.</b></li> <li>• Refer to Medical Plan for additional EMS care and Evacuation</li> </ul>
ALL	<b>Danger Trees &amp; Procedural Felling Operations</b>	<ul style="list-style-type: none"> <li>• Identify, communicate and flag all high-risk DANGER TREES.</li> <li>• Keep personnel out of the high-risk areas until the hazards have been removed</li> <li>• Establish Lookouts when engaged in falling operations.</li> <li>• Scout work area for overhead hazards to ensure safe work areas.</li> <li>• <b>Mitigate using qualified personnel only.</b></li> <li>• Re-assess the need to eliminate the hazard by felling if it is feasible to keep personnel away</li> <li>• If unable to mitigate hazard, <b>Flag Off area, communicate the location &amp; keep personnel away.</b></li> <li>• Review and brief your crews using pages 22, 23 &amp; 79 in 2014 IRPG</li> </ul>
ALL	<b>Driving Hazards</b>	<ul style="list-style-type: none"> <li>• <b>Wildlife is abundant in both the camp and fire area.</b></li> <li>• Roads within the burned areas have MANY hazards. Scout prior to committing travel through these areas. Mitigate if capable OR close road entirely until hazards have been mitigated.</li> <li>• Washboard conditions are common on most of the native surface roads. Maintain adequate following distances. <b>Reduce speed in Developed Areas.</b> Be watchful of local traffic.</li> <li>• Drive defensively! Expect the unexpected around every curve.</li> <li>• Drive with your headlights on. Look before backing and use backers.</li> <li>• Maintain driving situational awareness.</li> <li>• <b>SEAT BELTS ON...LIGHTS ON...BEFORE wheels turn!</b></li> <li>• <b>Reduce driving speeds to allow for reaction time lag.</b></li> <li>• On dusty/smoky roads, don't follow too closely behind traffic. Allow time for dust/smoke to clear.</li> <li>• Establish one-way traffic or coordinate traffic flow if necessary.</li> <li>• Don't drive when fatigued. Adhere to agency driving regulations and guidelines.</li> <li>• Pedestrians could be anywhere, Keep speeds down</li> </ul>
ALL	<b>Heavy Equipment/Dozers And Chippers</b>	<ul style="list-style-type: none"> <li>• Stay 100' in front and 50' behind the equipment. Maintain safe working distances.</li> <li>• If working in Timber increase these distances to 2.5 times the canopy height.</li> <li>• Make eye contact with operator and ensure all implements have been grounded before approaching equipment.</li> <li>• Only the operator is authorized on the equipment.</li> <li>• Avoid working below equipment</li> <li>• Operators utilize appropriate PPE and equipment safety mechanisms.</li> <li>• Utilize observer or spotter.</li> <li>• Ensure the use of communication with operator (radio, hand signals).</li> <li>• Refer to and brief your crews using page 80 in the 2014 IRPG for further precautions for working around heavy equipment.</li> <li>• <b>When working with chippers, conduct a thorough safety briefing by reviewing &amp; signing the Chipper JHA prior to operations.</b></li> </ul>

**INCIDENT RISK ANALYSIS**  
**Beaver Fire**  
**(ICS 215A) August 21<sup>st</sup>, 2014 Day Shift 0600-2000**

ALL	<b>Communications</b>	<ul style="list-style-type: none"> <li>• Ensure you have received the most current communications plan, and your radios have been cloned to it before heading out to your work area. <b>Ensure you are cloned with the IA Group also!</b></li> <li>• TEST your radio before you leave camp to ensure you have comms, and then TEST again when you arrive at your work area.</li> <li>• Use human repeaters in areas with sketchy comms.</li> <li>• <b>Refer to the 5 communication responsibilities listed on page ix in the 2014 IRPG</b></li> </ul>	
ALL	<b>Fire Behavior With Potential Holdovers</b>	<ul style="list-style-type: none"> <li>• High rates of spread (ROS) when aligned with wind &amp; topography.</li> <li>• <b>Ensure a solid anchor point and flank.</b></li> <li>• <b>Use experienced LOOKOUTS under these conditions.</b></li> <li>• Monitor weather conditions. Be aware of visual indicators (clouds, WX obs., cold front passage)</li> <li>• Maintain adequate escape routes and safety zones. Set trigger points when appropriate. Communicate any changes.</li> <li>• <b>Lightning Holdovers could still exist....."Eyes to the green"</b></li> </ul>	
ALL	<b>Aircraft Operations</b>	<ul style="list-style-type: none"> <li>• Ensure resources are clear of "Target Area" during bucket or retardant use.</li> <li>• Use air-to-ground frequency to communicate with aircraft.</li> <li>• Use clear, concise statements when directing aircraft. Use clock directions from pilot's perspective and mirror flashes.</li> <li>• Consider risk vs gain</li> <li>• Ensure use of trained personnel when involved with longline operations.</li> <li>• Keep non-essential personnel away from dip sites (natural and/or man made)</li> <li>• Ensure personnel receive a passenger briefing prior to flight.</li> </ul>	
ALL	<b>Mop Up</b>	<ul style="list-style-type: none"> <li>• Conduct thorough briefing for all personnel (inside the rear cover of IRPG)</li> <li>• Use all required PPE, including eye protection</li> <li>• Maintain proper spacing and overhead clearance</li> <li>• Be alert for danger trees, stump holes, and ash pits</li> <li>• Minimize exposure to smoke and rotate personnel into clean air when practical</li> <li>• Evaluate unburned islands and increase situational awareness</li> </ul>	
ALL	<b>Biting, Stinging Insects (Rattle Snakes, Scorpions, Bees, Mosquitoes, Ticks, etc)</b>	<ul style="list-style-type: none"> <li>• If allergic to bee stings, let your DIVS &amp; EMT's know.</li> <li>• Leave the snakes alone!</li> <li>• Shake out boots and or sleeping bags prior to use</li> <li>• Use bug spray to minimize mosquito bites.</li> <li>• Check yourself daily for tick bites.</li> </ul>	
ALL	<b>Complacency and Fatigue</b>	<ul style="list-style-type: none"> <li>• Don't let your operations fall into the "routine" category.</li> <li>• Maintain situational awareness in all activities.</li> <li>• Be alert for signs of fatigue and take breaks as necessary</li> <li>• Maintain 2:1 work/rest ratio</li> <li>• Monitor incoming resources for level of fatigue</li> </ul>	
INCIDENT NAME <b>Beaver Fire</b>  ICS 215a		DATE PREPARED: <p style="text-align: center;"><b>August 20, 2014</b></p>	OPERATIONAL PERIOD <b>Day Shift</b> <b>8/21/2014, 0600-2000</b> Prepared by: Tanzi, Barnhart, Kafka
		TIME PREPARED: <b>2000 HOURS</b>	





Today's discussion is from the  
First Aid/Health Category.

### Fatigue/Stress

Accumulated (Chronic) Fatigue is defined as fatigue from which normal rest does not produce recovery. Accumulated fatigue is often caused by extended periods of stress with inadequate recovery periods, which results in decreased productivity, compromised immune function, and reduced alertness. Fatigued workers perform poorly, behave carelessly, tolerate greater errors and become inattentive. Chronic fatigue often results in increased stress, which may present itself through certain behavioral and physiological indicators, such as those described below:

- Behavioral indicators
  - Decreased motivation and low morale
  - Increased irritability and depression
  
- Physiological indicators
  - Confused, poor problem solving
  - Poor abstract thinking
  - poor attention/decisions
  - poor concentration/memory
  - extreme emotional responses
  - social/behavioral changes
  
- Recommendations for chronic fatigue/stress are:
  - Take longer periods of rest/recovery
  - Ensure that workers are adequately rested before they begin work shifts
  - Provide periodic rest breaks to allow physical and mental recovery
  - Alternate between heavy and light tasks
  - Eat well-balanced meals regularly, with energy supplements during periods of high exertion
  - Maintain hydration
  - Ensure workers maintain good personal hygiene
  - Maintain high standards of physical fitness and work capacity
  - In extreme cases, personnel may need to be relieved of their duties

References:

- Wildland Firefighter Health & Safety Report, Missoula Technology & Development Center  
1) Spring 2004  
2) Fall 2000  
3) Fatigue Awareness PowerPoint

CISM Information Pamphlet, International Critical Incident Stress Foundation [www.icisf.org](http://www.icisf.org)

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**Have an idea? Have feedback? Share it.**

**ONLINE | MAIL: 6 Minutes For Safety Task Group • 3833 S. Development Ave • Boise, ID 83705 | FAX: 208-387-5250**

6 Minutes Home



## Human Resource Message



Have patience with all things, but chiefly  
have patience with yourself.  
Do not lose courage in considering your own  
imperfections, but instantly set about  
remedying them  
-- every day begin the task anew -

St. Francis De Sales

Diane Simpson HRSP  
Shawn Holden HRSP (T)  
(530) 496-1540

Beaver Fire 08/21/14



## The 5-D System for Effective Waterbars

When locating and building waterbars, place them the right **distance** apart, at a **diagonal** to the fireline, so that they **divert**, then **discharge**, then **dissipate** the energy of the flowing water. Be sure to make them deep enough so they'll be durable, and that soil does **not block** the water bar outlet.

### Recommended spacing for waterbars on firelines.

Fireline slope %	Maximum Distance Apart (feet)
1-5	200
6-20	125
21-40	60
41-60	40
>60	25

*Waterbars should be at least 2 pulaski widths wide and 12-24 inches high.*

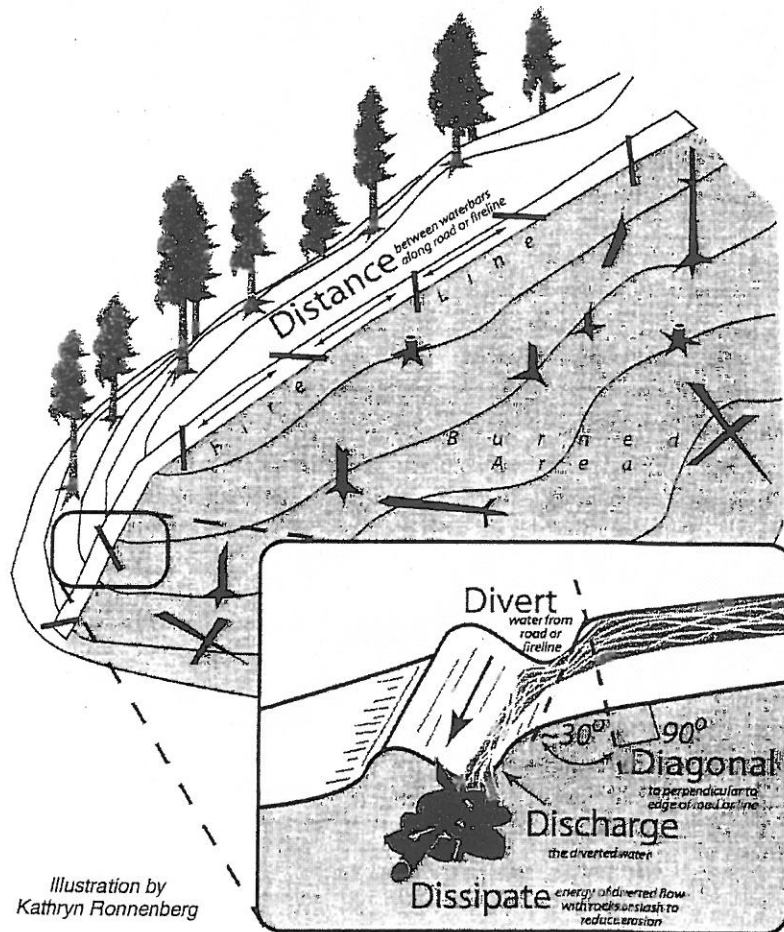


Illustration by  
Kathryn Ronnenberg

# BEAVER FIRE PHONE LIST

As of 08/17/2014

Incident Commander & Staff			
	ICP NUMBERS	QUARRY NUMBERS	FAX
Incident Commander			
Deputy Incident Commander			
Safety/Comp			
Information	530-331-0737		
Liaison Officer			
Operations			
Ops Chief	530-496-1506		
Air Ops.	530-496-1523		
Helibase			
Planning			
Plans Chief	530-496-1523		
Resource / Situation Unit	530-496-1519		
Documentation / Check In	530-496-1520		530-496-1505
Demob	530-496-1504		530-496-1505
IMET			
Fire Behavior Analyst			
Computer Techs			
F/Ban			
Training Specialist	530-496-1525		
Logistics			
Logistics Chief	530-496-1521		530-496-1508
Supply / R & D	530-496-1538	530-496-1537	
Ordering	530-496-1507 / 1508 / 1522		530-496-1508
Facilities	530-496-1512	530-496-1531	
Ground Support / Repair	530-496-1529	530-496-1528	
Communications	530-496-1502		
Medical Unit	530-496-1527		
Security	307-399-7316		
Food Unit		530-496-1531	
Finance			
Finance Section	530-496-1517	530-496-1526	
Finance Section			
HRSP	530-496-1540		



Date & Time Order was placed:		Order #	Location & Time for Delivery (DIV,LZ,DP,Lat Long)		Mode of delivery
		(DIVS+#)			(Driven/Helo/DIVS to Pick up)
			Lat:		
			Long:		
Order received in Communications by (Name):					Time:
Order shipped to line by (Name): (Send this sheet to the line with the order)					Time:
#	Item				
1	1,000 Foot Hose Lay includes the following: Amount _____				
	10, 100'x1½" Rolls Hose; 10, 100'x1" Rolls Hose; 10, 1½" Gated Wyes; 10, 1½" to 1" reducers; 10, 1" nozzles				
2	2,000 Foot Hose Lay includes the following: Amount _____				
	20, 100'x1½" Rolls Hose; 20, 100'x1" Rolls Hose; 20, 1½" Gated Wyes; 20, 1½" to 1" reducers; 20, 1" nozzles				
3	3,000 Foot Hose Lay includes the following: Amount _____				
	30, 100'x1½" Rolls Hose; 30, 100'x1" Rolls Hose; 30, 1½" Gated Wyes; 30, 1½" to 1" reducers; 30, 1" nozzles				
#	Item	Amount	#	Item	Amount
4	Hose (50') garden, 3/4"		30	Gas Unleaded (Gallons)	
5	Hose (100'), 1"		31	Oil 2 cycle, (Pints)	
6	Hose (100'), 1½"		32	Bar Oil (Qts)	
7	Nozzle, Garden, 3/4"		33	Drip Torch ea	
8	Nozzle, Forester, 1"		34	Drip torch mix 3.5:1.5 (gallon)	
9	Nozzle, KK Type, 1"		35	Fusees (Boxes or cases)???	
10	Nozzle, KK Type, 1½"		36	Flare Gun Rounds (12/BX)	
11	Wye, Gated, 3/4"		37	Cartridge #6 purple (box)	
12	Wye, Gated, 1"		38	Batteries "AA" PKGs(24/PKG)/BX	
13	Wye, Gated, 1½"		39	Ribbon, Flagging (Specify Color)*	
14	Inline-Tee, 1x1x3/4"		40	Water, Cubies	
15	Inline-Tee, 1x1x1"		41	Water, Bottled, Cases	
16	Inline-Tee (1½" X 1")		42	Gatorade	
17	Reducer, 1" X 3/4"		43	MRE's (12/BX)	
18	Reducer, 1½" X 1"		44	Heavy Mill Plastic	
19	Increaser, 3/4" X 1"		45	Washcloth, waterless, cleansing	
20	Increaser, 1" X 1½"		46	Wrap, Structure 54"x300'	
21	Foam 5 gal		47	Sprinkler Kit	
22	Foam 4 oz (For Backpack Pump)		48	Mark 3 Pump	
23	Backpack Pump		49	Mark 3 Pump Kit- w/10 gal mixed fuel	
24	Pumpkin (Gallons?)		50	Chainsaw Kit	
25	Porta-Tank (Gallons?)		51	Mop-Up Kit, 3-Wand	
26	Shovel		52	Pump Kit, Lightweight, 2 Cycle	
27	Pulaski		53	Gas, Raw and 2 qts 2-cycle oil, ea	
28	Combi Tool		54	Lightweight Pump Kit-Cache w/5gal fuel	
29	McCloud		55	Gas, raw (gal) and 1 qt 2-cycle oil, ea.	
Notes:			Notes:		

