

RED ROCK

CA - KNF - 005754
P5E5LR

HARRINGTON

P5E4ZR

INCIDENT ACTION PLAN



SUNDAY
AUGUST 23, 2009
DAY OPERATION 0600 - 1800

INCIDENT OBJECTIVES	1. INCIDENT NAME	2. DATE PREPARED	3. TIME PREPARED
	Red Rock & Harrington	August 22, 2009	1900

4. OPERATIONAL PERIOD (DATE/TIME)

August 23, 2009 0600-1800

5. GENERAL CONTROL OBJECTIVES FOR THE INCIDENT (INCLUDE ALTERNATIVES)

- 1) Provide for firefighter and public safety by utilizing Incident Safety Analysis and applying the Risk Management Process.
- 2) Coordinate with Tribal Representative to protect cultural and historic resources and mitigate potential impacts.
- 3) Minimize impacts to wildlife and fish habitat, riparian areas and watershed values.
- 4) Minimize impacts to wilderness values by using MIST in suppression actions.
- 5) Minimize impacts on communities, and maintain positive community relations.
- 6) Manage the costs of the two fires separately and in a cost effective manner.
- 7) Keep the Harrington Fire within the 300 acre planning area using contain/confine strategies
- 8) Keep the Red Rock Fire in the Wilderness Area north of the PCT, east of Canyon Creek and west of Red Rock Creek.

6. WEATHER FORECAST FOR OPERATIONAL PERIOD

See Attached Weather Forecast

7. GENERAL/SAFETY MESSAGE

See Attached Safety Message. All resources will operate on Forest Net.

8. ATTACHMENTS (X IF ATTACHED)

<input checked="" type="checkbox"/>	202	<input checked="" type="checkbox"/>	SAFETY MESSAGE / LCES		
<input checked="" type="checkbox"/>	203	<input checked="" type="checkbox"/>	FIRE WEATHER		
<input checked="" type="checkbox"/>	204	<input checked="" type="checkbox"/>	FIRE BEHAVIOR		
<input checked="" type="checkbox"/>	205	<input checked="" type="checkbox"/>	AIR OPERATIONS SUMMARY		
<input checked="" type="checkbox"/>	206				

ICS 202

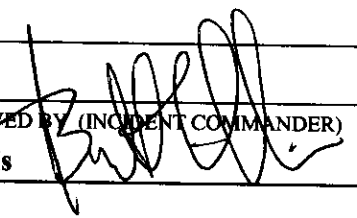
9. PREPARED BY (PLANNING SECTION CHIEF)

Mary Smelcer



10. APPROVED BY (INCIDENT COMMANDER)

Brett Fillis



ORGANIZATION ASSIGNMENT LIST	
1. Incident Name Red Rock & Harrington Fires	
2. Date Prepared August 22, 2009	3. Time 2000
4. Operational Period August 23, 2009 0600-1800	
Position	Name
5. Incident Commander and Staff	
Incident Commander	Brett Fillis
Safety Officer	Chuck Frank
Information Officer	Tom Lavagnino – Red Rock Fire
Information Officer	Tim Johnson – Harrington Fire
6. Agency Representatives	
Agency	Name
Forest Supervisor	Patricia Grantham
Agency Administrator – Red Rock	Ray Haupt / David Betz
Agency Administrator – Harrington	Ken Harris / Ray Torres
Karuk Tribal Representative	Harold Tripp
Cal Fire	Jim Sweet
Liaison – Harrington Fire	Ed Guzman
7. Planning Section	
Chief	Mary Smelcer
Resources Unit	David Wickwire / Krystal Schindler (T) / Marlin Pose (T)
Situation Unit	Rick Bond / Phil Harkins
Situation Unit THSP	Eirck Stemmerman
FBAN	Steve Ziel / Jim Hampton (T)
IMET	
Demob Unit	Steve Schober
Human Resources	Yolanda Barnett
Documentation Unit	Jim Berge
Training Specialist	Gordon French
Computer Specialist	Mary Anne Sanford
GISS	
8. Logistics Section	
Chief	Chuck House
Deputy	Rusty Hands
Facilities Unit	
Ground Support Unit	Bill Reynolds
Communications Unit	
Medical Unit	Layne Lange
Food Unit	Gary Edwards
Security	Helen Smith
Supply Unit	Clarence Adams

9. Operations Section	
Chief	JD Schindler
Field	Allen Mitchell
Planning	Eric Knerr
a. Branch 1 – Division/Groups	
Branch Director	
Division	
A	Dave Blakley
E	Dave Treskin
G	Mike Appling / Yanu Galimore (T)
J	Doug Breidenthal / Jon Larson (T)
L	Bob Dixon
Harrington	SOPL Jeremy Keisling
b. Branch	
c. Branch	
d. Air Operations Branch	
Air Operations Branch Director	Ted Hass
Air Tactical Supervisor	Tom Bagwell / Jeff Keiser Jerry Serabia (T)
Air Support Supervisor	Tom McVey
Helibase Manager	
10. Finance Section	
Chief	Patty Westgate
Time Unit	Susan Reynolds
Procurement Unit	
Compensation/Claims Unit	
Cost Unit	DeDe Domingos
NW Contract Crew Rep.	Gary Warburton
Prepared by (Resource Unit Leader) David Wickwire	

INCIDENT Weather Forecast

FORECAST NO: 01

NAME OF FIRE: Red Rock

PREDICTION FOR: DAY SHIFT

UNIT: CA-KNE

SHIFT DATE: August 23, 2009

SIGNED: 

TIME AND DATE FORECAST ISSUED: 2100 Aug 22, 2009

FBAN

Spot Forecast for RED ROCK Fire

National Weather Service Medford

827 AM PDT Sat Aug 22 2009

.DISCUSSION...A LIGHT WEST TO SOUTHWEST WIND ALOFT WILL MAINTAIN A STABLE AIR MASS OVER THE FIRE AREA WITH NO THREAT OF THUNDERSTORM ACTIVITY FOR THE NEXT SEVERAL DAYS. TEMPS WILL COOL A BIT THROUGH SUNDAY...WARM SLIGHTLY MONDAY...THEN COOL A BIT AGAIN TUESDAY. HUMIDITY WILL SHOW LITTLE CHANGE.

.SUNDAY...

SKY/WEATHER.....SUNNY.

MAX TEMPERATURE.....NEAR 77.

MIN HUMIDITY.....NEAR 18 PERCENT.

EYE LEVEL WINDS.....LIGHT WIND BECOMING WEST TO NORTHWEST 5-9 MPH AFTER

1 PM.

MIXING HEIGHT.....500 FT AGL INCREASING TO 9500 FT AGL.

MIXING WINDS.....WEST TO NORTHWEST 6 TO 12 MPH.

CWR.....0 PERCENT.

LAL.....1.

.FORECAST DAYS 2 THROUGH 4...

.MONDAY...

MOSTLY CLEAR. LOWS 55-60. HIGHS 78 TO 81. AFTERNOON WEST WINDS 6 TO 10 MPH.

.TUESDAY...

MOSTLY CLEAR. LOWS 55-60. HIGHS 76 TO 79. AFTERNOON WEST TO NORTHWEST WINDS 6 TO 10 MPH.

.WEDNESDAY...

MOSTLY CLEAR. LOWS 58-63. HIGHS 78 TO 81. LIGHT WIND.

INCIDENT Weather Forecast

FORECAST NO: 01

NAME OF FIRE: Harrington

PREDICTION FOR: DAY SHIFT

UNIT: OR-UPF

SHIFT DATE: August 23, 2009

SIGNED: *ABO*

TIME AND DATE: 2100 Aug 22, 2009

FBAN

FORECAST ISSUED:

Spot Forecast for HARRINGTON Fire

National Weather Service Medford

631 PM PDT Sat Aug 22 2009

.DISCUSSION...A WEST TO SOUTHWEST FLOW ALOFT WILL CONTINUE OVER THE REGION THROUGH EARLY NEXT WEEK. THIS WILL ALLOW TEMPERATURES TO REMAIN NEAR NORMAL ACROSS OUR AREA THROUGH TUESDAY. A WEAK COLD FRONT WILL DISSIPATE ACROSS NORTHWEST OREGON TUESDAY DEEPENING THE MARINE LAYER ALONG THE COAST AND PORTIONS OF THE UMPQUA BASIN AND PROVIDING A FEW AREAS OF DRIZZLE. AN UPPER LEVEL RIDGE WILL BEGIN BUILDING OVER THE REGION WEDNESDAY AND THURSDAY WITH TEMPERATURES WARMING AND WINDS ALOFT TURNING SOUTHERLY. THIS MAY RESULT IN A THREAT OF THUNDERSTORMS TOWARD THE END OF NEXT WEEK.

.SUNDAY...

SKY/WEATHER.....SUNNY.

MAX TEMPERATURE.....78.

MIN HUMIDITY.....32 PERCENT.

EYE LEVEL WINDS.....SOUTHEAST WIND 1 TO 3 MPH BECOMING NORTH WIND 2 TO

4 MPH.

MIXING HEIGHT.....300-1900 FT AGL INCREASING TO 3900-4400 FT AGL LATE IN THE AFTERNOON.

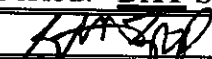
MIXING WINDS.....NORTHWEST 4 TO 7 MPH.

CWR.....0 PERCENT.

LAL.....1.

WIND (20 FT).....LIGHT WIND.

Fire Behavior Forecast # 01

Name of Incident: Red Rock and Harrington Fires	Administrative Unit: R5 Klamath NF, Salmon-Scott and Happy Camp RD's
Date & Time Issued: 08/22/09	Operational Period: DAY Shift 08/23/09
FBAN: Steve Ziel	Signed: 

Assumptions: ...Continued warm and dry conditions over the next several days will result in increased fire behavior. Morning inversion break allows upslope/upcanyon winds to influence fire behavior. Rate and direction of fire spread will depend on available fuels, topography, and weather. *Expected fire behavior includes afternoon sustained backing, lateral spread, and moderate uphill spread with fingering runs.* Jackpots of fuel will preheat canopy to provide occasional torching. *Falling snags and rolling materials will accelerate backing, and contribute to flare-ups.* Meadow margin sapling encroachment will encourage torching. Meadow fuels will need evaluation to determine ability to carry fire. Additional acres may result from nighttime backing due to downslope/canyon winds.

Weather Summary

See attached Weather Forecast ..

Fire Behavior Summary

General

Fuels in the fire area are primarily composed of timber litter (under heavy timber canopy) with heavy dead/down jackpots and *numerous snags*. Pinemat Manzanita, Holly Oak and Ocean Spray with herbaceous fuels occupy meadow areas and harsh sites. Red Fir litter and branchwood predominates under a conifer canopy at most elevations and riparian areas. Fuel continuity, condition, and loading will influence fire behavior. Surface litter and branchwood will produce 4'-6' flame lengths and *rates of spread of 10-20 chains per hour*. Steep slopes and areas influenced by wind will generate accelerated spread rates and moderate intensity fire behavior. Single tree and group torching can be expected with spotting up to .3 miles. Persistent backing (1'-2' flame length) and rolling materials can be expected on slopes - falling snags will carry fire downhill.

Red Rock - Expect fine fuel moisture of 2% exposed, 5% shaded. Probability of ign. 100% exposed fuels.

Harrington - Expect fine fuel moisture of 5% exposed, 8% shaded. Probability of ign. 60% exposed fuels

Specific:

Harrington Fire

Expect continued smoldering and creeping. Jackpots will produce flare-up, occasional torching likely. Surface fire spread with 1'-3' flame lengths on fuel rich steeper slopes, sustained backing in afternoon.

Red Rock

Div. A - Expect continued backing with flare-ups. Patchy fuels will moderate fire spread.

Div. E - Should have favorable line construction conditions with Westerly winds. Some ridgetop torching may occur with afternoon breeze.

Div. G - Backing may be an issue if fire rolls-out on slopes to the NW.

Div. J - Down slope spot fire may become active with afternoon upslope winds. Undetected spot fires can be expected up to .5 mi. down slope. Established spot fires may become active with upslope torching in afternoon.

Div. L - Lateral fire spread should be slow on gentle terrain. Expect smoke across much of the day.

Air Operations: Expect morning inversion on the lower slopes and creek bottoms to break by mid-morning. Flow aloft W-NW.

Safety

New fire area for most folks.....local conditions indicate we are in the peak of fire season (ERC near 97 th percentile). Evaluate greenness of meadow fuels for burning conditions. Live fuels will be contributing to fire spread on harsher sites and where soils are shallow. Meadow margin fuels may serve as ladders for torching. Review IRPG pages 1,2 and 3 before engaging and throughout the day.

AIR OPERATIONS SUMMARY

Prepared By: Tom Mcvey

Prepared Date: 8/22/2009

Prepared Time: 2100

1. INCIDENT NAME: Red Rock / Harrington	2. OPS PERIOD DATE: August 23, 2009	START TIME: 08:00	END TIME: 20:00	SUNRISE: 0628	SUNSET: 1956						
3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.):											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Scott Valley Helibase</td> <td style="width: 50%;">N 41 33 28</td> </tr> <tr> <td></td> <td style="text-align: center;">W 122 51 17</td> </tr> <tr> <td></td> <td></td> </tr> </table>	Scott Valley Helibase	N 41 33 28		W 122 51 17			4. READY ALERT AIRCRAFT 5. TFR #: 9/5817 5 Nautical Miles 9000 Ft MSL Centerpoint N 41 33 30 W123 10 45				
Scott Valley Helibase	N 41 33 28										
	W 122 51 17										

6. PERSONNEL NAME		PHONE #	7. FREQUENCIES		FM	8. FIXED-WING- Type/ Make-Model/ N#/ Base	
AOBD	Ted Hass	541-941-1743		AM			
ASGS	Tom McVey		AIR/ AIR FW	118.075	171.5375		AIRTANKERS- Available upon request
ATGS	Tom Bagwell	530-598-0821					LEAD PLANES- Available upon request
HEB1	Steve Beal		AIR/ GROUND		164.1625		
ABRO							ATGS AIRCRAFT- 1ZJ 337 / 1356 L 337
A/C Desk		530-841-4600					Helicopter 507
Dispatch			DECK		163.100		

9. HELICOPTERS (Use Additional Sheets as Necessary)

FAA N#	TY	MAKE/ MODEL	BASE	AVAIL	START	REMARKS	FAA N#	TY	MAKE/ MODEL	BASE	AVAIL	START	REMARKS
N161KA	1	KMAX	Scott Val.	0800	0830								
5HT	1	S64	Scott Val.	0800	0830								
137BH	1	Blackhawk	Scott Val.	0800	0830								
H502	2	B214	Scott Val.	0800	0830	IA							
88B	3	L4	Scott Val.	0800	0830								

INCIDENT RADIO COMMUNICATIONS PLAN

1. Incident Name
RED ROCK

2. Date/ Time Prepared
9/22/2009

3. Operational Period Date/Time
09/23/2009 0600-1900

Channel	Function	Frequency		Tone	Mode	Assignment	Remarks
		RX:	TX:				
1	River Net Tone 2	172.2500	172.5500	123.0	N	Command	
2	River Net Tone 10	172.2500	172.5500	107.2	N	Command	
3	Tac	168.6125	168.6125		N	Tac	
4	Air to Ground	164.1625	164.1625		N	All Divisions	
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15		RX:			N		
		TX:					
16		RX:			N		
		TX:					

5. Prepared by (Communications Unit)

SAMUEL CUEVAS, COM1

MEDICAL PLAN	1. Incident Name	2. Date Prepared	3. Time Prepared	4. Operational Period
	Red Rock	8/22/09	1900	8/23/09 0600-2000

5. Incident Medical Aid Station

Medical Aid Stations	Location	Paramedics	
		Yes	No
Redrock ICP	Etna CA		X

6. Transportation

A. Ambulance Services

Name	Address	Phone	Paramedics	
			Yes	No
Etna Ambulance	Etna CA	911 (Yreka Dispatch)	X	
Northern Siskiyou Ambulance	Yreka CA	911 (Yreka Dispatch)	X	
CHP (Hoist Air) Night time	Redding CA (Yreka Dispatch)	911 (Yreka Dispatch)	X	
Mercy Flights (0600-2400)	Medford OR	911 (Yreka Dispatch)	X	
PHI Air/Reach (Air)	Redding	911 (Yreka)	X	

B. Incident Ambulances

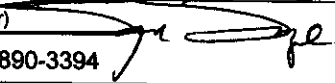
Name	Location	Paramedics	
		Yes	No
None			

7. Hospitals

Name	Address	Travel Time		Phone	Helipad		Burn Center	
		Air	Ground		Yes	No	Yes	No
Fairchild Medical Center	444 Bruce St. Yreka, CA N41 43.198 W 122 38.76		30 min	530-842-4121	X			X
Rogue Valley Medical Center	2825 Barnett Rd. Medford, OR N 42 19.08 W 122 49.91		1 hr 30 min	541-789-7100	X			X
Providence Medical Center	1111 Crater Lake Ave. Medford, OR N 42 20.4 W 122 51.5		1 hr 30 min	541-732-5000	X			X
UC Davis Medical Center	Stockton Blvd, Sacramento, CA N38 33.14 W121 27.26			916-734-5669	X		X	X

8. Medical Emergency Procedures

- Report all Emergencies to your Division Supervisor on the Forest Net. Division Supervisors contact ICP on Forest net for assistance from the Medical Unit Leader.
- Route closest IMS/EMT to the injured person.
- The forest net shall be cleared during medical emergencies
- All other medical situations will be reported to ICP on forest net and transportation will be arranged.
- Relay the nature of problem, number of injured, patient condition, location (GPS Coordinates) and ETA to a transportation point.
- Medical Unit Leader will request Helicopter if needed.
- After hours Medical Needs: Contact ICP Comm. Unit or Security and they will wake up a Medic.

Prepared by (Medical Unit Leader) Layne Lange MEDL 541-890-3394 	10. Reviewed by (Safety Officer) Chuck Frank
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Incident: Red Rock Fire Date: August 23, 2009 Shifts: 0600-1800



SAFETY MESSAGE

Snags and Fire Weakened Trees

Wind Class 2(0-7mph)=Watch Out! Wind Class 3-(+7mph) Fall Back and Re-Evaluate
Snag and Hazard Recognition: Is it burning? Does it present a control problem? Does it present a Safety Hazard? Are winds forecasted?
Flag those that are Hazardous. Inform others of the location.
Request professional felling assistance as needed. Page 80 in the IRPG for reference.

Extreme Fire Behavior - (Potential)

Monitor current weather conditions and forecasts.
Review " Severe Fire Behavior Potential" (IRPG pg. 76)

Driving - Slow Down!

Watch Out for heavy recreational traffic, both vehicles and pedestrians
Always Wear your Seat Belt Always Drive with LIGHTS ON
Expect the unexpected around every curve.

Fatigue and Hydration

Crew leaders stay aware of your crews condition and your own. Crew leaders watch for fatigue and keep your crew members and yourself hydrated. Drink water before, during and after shifts, up to 1.5 gallons per shift.
During long hikes to and from and along the fireline take enough breaks to ensure that each crew member stays in a healthy condition. See medical unit for treatment of blisters, nicks and scratches.

Aircraft

With air being used to assist in meeting control objectives, be aware of the hazards That exist when working with firefighting aircraft. Review Aviation Watch Outs on Page 46 of your IRPG.

Safety Officers: Chuck Frank and Marv Strom

INCIDENT RISK ANALYSIS (ICS 215a)		Incident Name: Red Rock Fire	Operational Period/Time: August 23, 2009 0600-1800
DIV	HAZARDDOUS ACTIONS/CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES	
ALL	SNAG AND GREEN TREE HAZARDS	Limit number of personnel around snags and their exposure time; fallers must be qualified for trees being felled, clear the area before falling. YELL OUT! Follow Hazard Tree Safety guidelines (IRPG pg. 80) Be especially alert around snags and green trees during wind events. Check for hazard trees and "widow-makers" in working areas prior to engaging. Maintain Situational Awareness at all times.	
ALL	EXTREME FIRE BEHAVIOR (POTENTIAL)	Monitor current weather conditions and forecasts. Make sure ALL personnel receive thorough briefings every shift. Maintain adequate escape routes and safety zones. Advise all personnel if these are compromised or changed. Set trigger points when appropriate. Review "Severe Fire Behavior Potential" (IRPG pg. 76) Adhere to 10 Standard Fire Orders, mitigate 18 Watch Out Situations, Maintain Situational Awareness	
ALL	DRIVING HAZARDS	Watch Out for recreational traffic and pedestrians crossing roads near Lovers Camp!!! Drive defensively and use seatbelts! Expect the unexpected around every curve. Drive Slowly Drive with headlights ON; Use chock blocks, keep windshields clean; look before backing and use backers whenever available.	
ALL	COMMUNICATIONS	All firefighters have five communication responsibilities: Brief others as needed; Debrief your actions; Communicate hazards to others; Acknowledge messages; and Ask if you don't know. Limit radio traffic due to use of local frequencies	
ALL	AIRCRAFT OPERATIONS	Review Aviation Watch Out Situations (IRPG pg. 46) Use air-to-ground frequency to communicate with aircraft. Keep personnel out of drop zones when bucket work is in progress. Keep others clear of the operation. Use clear, concise statements when directing aircraft. Use clock directions from pilot's perspective.	
ALL	LINE CONSTRUCTION AND IMPROVEMENT	Conduct thorough briefing for all personnel (inside rear cover of IRPG) Ensure LCES is in place prior to engagement (IRPG pg. 6) Adhere to 10 Standard Firefighting Orders and mitigate 18 Watch Out Situations Establish adequate safety zones (IRPG pg. 7) and escape routes. Use Downhill Line Checklist (IRPG pg. 8) when constructing downhill line	
ALL	EXTREMELY STEEP TERRAIN AND ROLLING MATERIAL	Watch your footing; take your time; ensure adequate spacing between crew members; watch for overhead hazards and post lookouts to warn of rolling rocks and debris.	
	MOP UP	Conduct thorough briefing for all personnel (inside rear cover IRPG) to improve crew members situational awareness. Use all required PPE, including eye protection. Maintain proper spacing and overhead clearance. Be alert for stump holes and root cavities. Minimize exposure to smoke, and rotate personnel into clean air when practical. Evaluate unburned islands and mitigate hazard trees.	
ALL	HYDRATION	Drink water before, during and after shifts, up to 1.5 gallons per shift.	
	FATIGUE AND HEALTH	Be alert for signs of fatigue and have crew members take breaks as necessary. Maintain 2:1 work/rest ratio. Treat "hot spots" on your feet before they become blisters and take care of nicks and scratches. Monitor incoming resources for level of fatigue.	
ALL	CRITTERS	Watch out and be alert for the following critters: Bears, Bees and Mt. Lions	

Prepared by Name and Position

SOF2's- Chuck Frank, Marv Strom Date August 22, 2009

