

# Incident Action Plan

**Butler Fire**

**CA-SRF-1388**

**P5HS91**

**NorCal**  
Interagency



**Incident**  
**Management**  
**Team**

**Night Shift**

**August 15 - 16, 2013**

**1800 to 0600**



<b>INCIDENT OBJECTIVES</b>	1. Incident Name <b>Butler</b>	2. Date <b>8/15/2013</b>	3. Time <b>12:54</b>
4. Operational Period  <b>8/15/2013 - 8/16/2013 1800 - 0600</b>			
5. General Control Objectives for the Incident (Include alternatives)  <b>MANAGEMENT OBJECTIVES</b> <ul style="list-style-type: none"> <li>• Ensure all suppression actions are prioritized for firefighter and public safety.</li> <li>• Minimize the loss or damage to structures within the fire area.</li> <li>• Minimize damage to cultural and natural resources.</li> <li>• Keep costs commensurate with identified values at risk.</li> <li>• Protect wilderness values using Minimum Impact Suppression Techniques as identified in the plan.</li> <li>• Prepare for transition of command.</li> </ul> <b>OPERATIONAL OBJECTIVES</b> <ul style="list-style-type: none"> <li>• Complete structure defense preparation along river corridor.</li> <li>• Keep the fire: <ul style="list-style-type: none"> <li>○ South and west of the Salmon River to Hotelling Ridge.</li> <li>○ East of Some Mountain down to Orleans Mountain continuing to Salmon Summit.</li> <li>○ South of the line from Some Mountain to Butler Flats.</li> <li>○ North of the Siskiyou / Trinity County line from Salmon Summit to Hotelling Ridge.</li> </ul> </li> </ul>			
6. Weather Forecast for Period  <b>See attached forecast</b>			
7. Resource Protection Guidelines <ul style="list-style-type: none"> <li>• During firing operations minimize higher intensity fire and torching especially in riparian areas, mature oak stands, plantations and mature / old growth conifer stands.</li> <li>• Avoid Air operations dipping from the mouths of Crappo, Nordheimer, Moorehouse, Butler and Wooley Creeks.</li> <li>• Fire personnel shall be aware of, and prevent when possible, the transport and spread of invasive weeds on clothing, vehicles and equipment between camp and the fireline.</li> <li>• Consult READs or Tribal Heritage Consultants when encountering areas designated with candy stripped (red and white) flagging. On the Klamath National Forest heritage areas are designated with Orange &amp; White stripped flagging.</li> </ul>			
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"/> Safety Message	
<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input type="checkbox"/> Traffic Plan	<input checked="" type="checkbox"/> LCES Worksheet	
9. Prepared by (Planning Section Chief) <i>R. H. C. Far</i>		10. Approved by (Incident Commander) <i>Matt J. [Signature]</i>	

ORGANIZATION ASSIGNMENT LIST				9. Operations Section			
1. Incident Name		Butler		Day Ops Chief		Dale Shippelhoue / Scott Lucas (t)	
2. Date		3. Time		Night Ops Chief		Steve Raymer	
8/15/2013		12:54		Planning Ops		Dan George / Eric Petterson (t)	
4. Operational Period				a. Branch I - Division/Groups			
08/15/2013 - 08/16/2013				1800 - 0600			
Position		Name		Branch			
				Division/Group		A Tony McWilliams	
				Division/Group		B Mark Bernal	
5. Incident Commander and Command Staff				Division/Group		C Unstaffed	
Incident Commander		Matt Johnson		Division/Group		D Unstaffed	
Deputy IC		Joe Molhoek		Division/Group		E Unstaffed	
Liaison		Tim Fike		Division/Group			
Safety Officer		T. O'Connell / S. Davis / S. Charley		Division/Group			
Information Officer		Adrienne Freeman		Division/Group			
				b. Division/Groups			
				Division Group		F Unstaffed	
6. Agency Representative				Division/Group		G Unstaffed	
Agency		Name		Division/Group		H Unstaffed	
Acting Agency Admin		Tyrone Kelley		Division/Group		K Unstaffed	
Acting Agency Admin Rep		Nolan Colegrove		Division/Group		W Tom Browning	
FS Cultural Rep		Frank Lake		Division/Group		Salmon Structure Unstaffed	
Lead Resource Advisor		Corrine Black		Staging Area Manager		Staging Unstaffed	
County Sheriff		Kevin Miller		Division/Group		Road Unstaffed	
Hoopa Tribal Chair		Danielle Vigil-Masten		Lead Read		READ Unstaffed	
Karuk Tribal Rep		Bill Tripp		Division/Group			
Hoopa Agency Rep		Rod Mendes		Division/Group			
IARR		Duane Tewa / Orlando Carroll		Division/Group			
CCC Rep		Susan Jones		Division/Group			
				d. Air Operations Branch			
7. Planning Section				Air Operations Branch Director		Dennis Kuster	
Chief		Patrick Farrell		Air Support Group Supervisor		Scott Plue	
Deputy		John Owen (t)		Air Tactical Group Supervisor		Joel Lane / D. Williams (t)	
Resources Unit		Duane Miller (t)		Air Tactical Group Supervisor		Carl Piper	
Situation Unit		Brian Ebert / Matt Brown(t)		HeliBase Manager		Brad Bernardy	
Documentation Unit		Jessica Hollingworth					
Demobilization Unit		Dean Lutz					
Fire Behavior Unit		Ken Larson / Taro Pusina(t)					
Incident Meteorologist		Jeff Tonkin / Christian Cassell (t)					
Technical Specialist		John Miller					
Training Specialist		Liz Younger					
GISS		Melanie Kerr / Mark Grupe / K. Roehrs					
Status Check-In		Monique Dumlao					
8. Logistics Section				10. Finance Section			
Chief		Jack Costello		Chief		Beth Lopez	
Deputy		Aaron Lowe - (Salmon Spike Camp)		Personnel Time Unit		Penny Portlock	
Supply Unit		Tracey Valentine		Equipment Time Unit		Juanita Cortez	
Facilities Unit		Ric Crowther / Robin Davis (t)		Cost Unit		Rich Anderson / S. Rapphahn(t)	
Ground Support Unit		John Fell		Compensation / Claim Unit		Tina Kennedy	
Communications Unit		Jim Lewis / Don Stoner		IBA		Doris Blackmer	
Medical Unit		Jennifer Kraushaar / Patrick Young (t)					
Food Unit		Kevin Browning					
				Prepared By: Duane Miller - RESL(t)			



# Butler Fire Incident Weather Forecast



FORECAST NO: 13 N  
 PREDICTION FOR: Thursday Night Shift  
 SHIFT DATE: August 15/16, 2013  
 FORECAST ISSUED: 1000 August 15<sup>th</sup>, 2013

NAME OF FIRE: Butler Fire  
 UNIT: SRF  
 Incident Meteorologist: Jeff Tonkin  
 Christian Cassell(T)

## WEATHER DISCUSSION:

Strong RH recoveries are expected tonight extending into Friday night with weak west or southwest general flow and localized downslope flows in protected drainages. Much drier Northerly flow develops Saturday evening which will likely contribute to diminishing RH values through the night. Sunday through mid-week next week looks much warmer and drier during the daylight hours with minimal to moderate RH recoveries at night, light and variable general winds, and normal terrain-driven winds at lower elevations. Isolated thunderstorm chances could increase toward the middle of the week.

## WEATHER FORECAST TONIGHT (THURSDAY NIGHT SHIFT):

WEATHER: Partly to Mostly Cloudy. Areas of smoke...most dense in the Salmon River canyon.  
 MIN TEMPERATURES: 52 - 60.  
 MAX RH: 65 - 75% (ridges) to 80 - 90% (drainages)  
 WIND: West or Upslope/Upvalley 3 to 6 mph with gusts to 12 to 18 mph until 2000 PDT remaining West or Downslope 1 to 3 mph.

## WEATHER FORECAST FRIDAY DAY SHIFT:

WEATHER: Partly cloudy. Areas of smoke. A 5% or less chance of a shower or t-storm in the afternoon.  
 MAX TEMP: Elev. 1000 ft: 91 - 97 F Elev 2500 ft: 82 - 88 F Above 4000 ft: 75 - 81 F  
 MIN HUMID: Elev. 1000 ft: 25 - 32% Elev 2500 ft: 30 - 37% Above 4000 ft: 33 - 40%  
 WIND: West or Upslope 2 to 5 mph...becoming Southwest or Upslope/Upvalley 5 to 10 mph with gusts 15 to 20 mph in the afternoon.  
 LAL: 1 CWR: 0%

## OUTLOOK FOR FRIDAY NIGHT SHIFT:

WEATHER: Partly Cloudy. Areas of smoke...most dense in the Salmon River drainage.  
 MIN TEMPERATURES: 52 - 60.  
 MAX RH: 60 - 70% (ridges) to 80 - 90% (drainages)  
 WIND: West or Upslope/Upvalley 3 to 6 mph with gusts to 12 mph until 2000 PDT...then remaining West 1 to 4 mph through sunrise.

## SATURDAY:

WEATHER: Partly Cloudy. Areas of smoke.  
 WIND: Northwest or Upvalley/Updrainage 3 to 6 mph gusting to 12 mph in the afternoon. Light North or Northeast wind developing Saturday evening with RHs lowering through the night.  
 MIN TEMPERATURES: 50 - 58. MAX RH: 60 - 70%

## EXTENDED OUTLOOK SUNDAY THROUGH TUESDAY:

WEATHER: Becoming hotter and drier. A 5% chance of thunderstorms Monday and Tuesday. Areas of smoke.  
 WIND: North winds 2 to 5 mph near ridgetops. Light and variable general winds otherwise. Normal terrain-driven winds along slopes and valleys.  
 MIN TEMPERATURES: 55 - 60. MAX RH: 40 - 50%

# FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 28	TYPE OF FIRE: Wildland Fire
FIRE NAME: Butler	OPERATIONAL PERIOD: Night, August 15-16, 1800 - 0600
DATE ISSUED: August 15, 2013	TIME ISSUED: 1030
UNIT: Klamath NF, Ukonom RD	SIGNED: /s/ Taro Pusina, FBAN (t)

## INPUTS

WEATHER SUMMARY: *See attached Incident Meteorological Forecast*

### Discussion:

Cooler temperatures and moist air moving into the area tonight. Higher RH recoveries are expected tonight extending into Friday night with weak west or southwest general flow and localized downslope flows in protected drainages. Much drier Northerly flow develops Saturday evening. Hot and dry weather returning Sunday.

Weather: Partly cloudy and smokey

Min Temp: 52-60°

Max RH: 80-90% drainages and midslope, 65-75% ridgetops

Eye Level Winds: West/upslope 3-6 mph, gusts 12 to 18 until 2000, then west/downslope 1-3 mph.

Strong inversion likely

## FIRE BEHAVIOR

**GENERAL:** ERC of 57 is near the 90<sup>th</sup> percentile

Before dark worst case scenario predicted fire behavior: Flame lengths 4-8' and maximum spread rates of 10-15 ch/hr for headfire and isolated torching, medium duration uphill runs with up to 1/2 mi spotting, probability of ignition 50-60%.

Nighttime predicted fire behavior: Low to moderate activity during the night with 1-3' flame lengths, 1-2 chains/hour rate of spread. Isolated torching with short range spotting possible throughout the evening. Probability of ignition 20-30%.

**Division A, B:** Fire will continue spreading towards Salmon River filling in unburned pockets of vegetation across from Salmon Camp. If fire crosses McNeal Creek today, rapid headfire may spread toward the South Fork Salmon River near McNeal LZ until late evening. Isolated flare-ups and short range spotting are possible throughout the night.

**Division H:** Fire expected to continue moving upslope/upcanyon in Hammel Creek drainage toward Div. H and Orleans Mountain. Moderate rates of spread possible until dark, then low flame lengths and rates of spread.

**Divisions K, W:** 8/14 firing and finger from Butler Creek expected to flank east toward DP-8 in Div. W. Fire also backing toward Butler Creek below H4 in Div. K. If it crosses, slow upslope spread towards Division K anticipated. Isolated torching and short duration crown fire runs are possible throughout the night.

## AIR OPERATIONS

Poor visibility under an inversion during morning hours

08/15 Sunset – 20:12

08/16 Sunrise – 06:24

## SAFETY

- Forecasted strong winds could send spotfires across Salmon River onto slopes aligned with high afternoon temperatures, west winds, and steep terrain and resulting high spread rates and control difficulty.
- Burnout operations may result in fire running back towards control lines when rollout occurs on steeper slopes.

Structure Protection Lessons Learned from the Jesusita Fire:

- Most interface fires occur under high wind conditions, creating rapidly moving fires, extreme fire behavior, long range spotting and multiple fire fronts.











Incident Radio Communications Plan		1. Incident Name <b>Butler</b>		2. Date / Time Prepared 8/15/2013 12:54		3. Operational Period Date / Time <b>08/15-16/2013 1800 to 0600</b>	
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4. Basic Radio Channel Utilization Mode: W = Wideband Analog, N = Narrowband, D = Digital, M = Mixed							
Channel	Function	Frequency	Tone	Mode	Assignment	Remarks	
1	F ADM TN 5	RX: 168.1250		N	Emergency Use Only	Tone 5 (146.2)	
		TX: 170.4750	5				
2	NIFC C45	RX: 163.3375		N	Road Control – Orleans Mountain	Tone 3 (131.8)	Orleans Lookout
		TX: 172.2750	3				
3	NIFC TAC 3	RX: 168.6000		N	DIV E / F / G		
		TX: 168.6000					
4	R5 TAC 4	RX: 166.5500	3	N	DIV A / B	Tone 3 (131.8)	
		TX: 166.5500	3				
5	R5 TAC 5	RX: 167.1125	3	N	Salmon Structure Group	Tone 3 (131.8)	
		TX: 167.1125	3				
6	R5 TAC 6	RX: 168.2375	3	N	DIV H / C / D	Tone 3 (131.8)	
		TX: 168.2375	3				
7	Air to Ground CMD	RX: 171.5375		N	All DIVS	Air to Ground Command	
		TX: 171.5375					
8	Air to Ground TAC	RX: 171.1375		N	All DIVS	Air to Ground Tactical	
		TX: 171.1375					
9	NIFC TAC 1	RX: 168.0500		N	DIV K		
		TX: 168.0500					
10	NIFC TAC 2	RX: 168.2000		N	DIV W / Staging		
		TX: 168.2000					
11	NIFC C3	RX: 168.0750		N	CMD	Tone 3 (131.8)	Orleans Lookout. Link to C10,C41,C40
		TX: 170.4250	3				
12	NIFC C10	RX: 170.4125		N	UNASSIGN	Tone 3 (131.8)	Merrill Mt. Link to C3,C41,C40
		TX: 165.9625	3				
13	NIFC C41	RX: 164.7750		N	CMD (HOOPA/HELIBASE)	Tone 3 (131.8)	Big Hill Lookout Link to C3,C10,C40
		TX: 170.4625	3				
14	NIFC C40	RX: 163.0375		N	CMD (ICP)	Tone 3 (131.8)	Shelton Butte Link to C3,C10,C41
		TX: 170.0250	3				
15	CALCORD	RX: 156.0750		N	Medical	Tone 6 (156.7)	
		TX: 156.0750	6				
16	AirGuard	RX: 168.6250		N	EMERGENCY	Tone 1 (110.9)	
		TX: 168.6250	1				

5. Prepared by (Communications Unit)

Jim Lewis

MEDICAL PLAN		1. INCIDENT NAME Butler Fire	2. DATE PREPARED 8/15/2013	3. TIME PREPARED 0930 Hrs	4. OPERATIONAL PERIOD 1800-0600 08/15/2013-08/16/2013			
5. INCIDENT MEDICAL AID STATIONS								
MEDICAL AID STATIONS		LOCATION			PARAMEDICS			
					YES	NO		
Frontline Medical W/MEDL Kraushaar		Aiken Camp next to kitchen			X			
Fork of the Salmon Medical MEDL Young		Fork of the Salmon School			X			
FEMP Cochran		Div A or as directed by Safety and Operations			X			
FEMP Lambert and FEMT Farrer		Div B or as directed by Safety and Operations			X			
FEMP Kelland Wolf		Div W/Z or as directed by Safety and Operations			X			
REM1		Staged at DP2 available through Comms						
REM2		Staged at Aiken Camp available through Comms				X		
6. TRANSPORTATION								
A. AMBULANCE SERVICES / AIR AND GROUND								
NAME		ADDRESS		PHONE	PARAMEDICS			
					YES	NO		
Forks of the Salmon		Forks of the Salmon, Ca		FICC (707) 726-1266		X		
Happy Camp		Happy Camp, Ca.		YICC (530) 842-3515	X			
CHP H-16 (Hoist) Daylight hrs only		Benton Airfield, Redding, Ca. 96003		FICC (707) 726-1266 YICC (530) 842-3515	X			
CalFire 102 (Hoist) Daylight hrs only		Kneeland, CA		FICC (707) 726-1266 YICC (530) 842-3515		X		
REACH		3775 Flight Ave. Redding, Ca. 96003		FICC (707) 726-1266 YICC (530) 842-3515	X			
PHI Air Medical		1524 East St. Redding, Ca 96003		FICC (707) 726-1266 YICC (530) 842-3515	X			
B. INCIDENT AMBULANCES								
NAME		LOCATION			PARAMEDICS			
					YES	NO		
Arcadia Ambulance 4		Staged on the East Side of the fire @ DP2			X			
City Ambulance 4		Staged on the West Side of the fire @ Aiken Camp			X			
7. HOSPITALS								
NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER	
		AIR	GRND		YES	NO	YES	NO
St Joseph Hospital	2700 Dolbeer Eureka, Ca. N 40 47.02 / W 124 8.48	20 M	2 H	707-445-8121 #2	X			X
Fairchild Medical Center	444 Bruce St. Yreka, CA N41 43.13 W122 38.69	20M	2 H	530-842-4121	X			X
Mad River Hospital	3800 Janes Rd Arcata, Ca N 40 53.45 / W 124 5.25	15M	2 H	707-826-8264	X			X
Mercy Medical Center Level 2 Trauma	2175 Rosaline Ave. Redding, Ca N 40 34.13 / W 122 23.67	50M	2.5 H	530-225-7208	X			X
Shasta Regional Medical Center Level 3 Trauma	1100 Butte, Redding, Ca N 40 35.18 / W 122 23.13	45 M	2.5H	530-243-4042	X			X
UC Davis Medical Ctr. Level 1 Trauma	2315 Stockton Blvd. Sacramento, Ca. N 38 33.17 / W 121 27.05	1.5H	5H	916-734-3636	X		X	
8. MEDICAL EMERGENCY PROCEDURES								
IN-CAMP CARE					LINE EMERGENCIES			
<ul style="list-style-type: none"> <li>Minor Injuries or illnesses <ul style="list-style-type: none"> <li>Seek Aid directly at the ICP Medical Unit</li> <li>Unit Open 0600 hrs to 2200 hrs</li> </ul> </li> <li>Moderate to Severe Injuries or Illnesses <ul style="list-style-type: none"> <li>Contact Communications or Med Unit directly</li> <li>Med Unit staffed after hours for Emergencies</li> </ul> </li> <li>Workers Comp Reporting &amp; Prescription Refills <ul style="list-style-type: none"> <li>0730 hrs to 2100 hrs</li> </ul> </li> <li>MEDL Available by phone or through Communications via radio McKenney @ICP 877-356-8984 Young @ Salmon Camp 530-462-1518</li> <li>Hospital Liaison: Available through FICC</li> </ul>					<ul style="list-style-type: none"> <li>Start of shift: notify your Div Sup of EMT's and Equipment you have available for response if needed.</li> <li>Notify Division Supervisor or Communications directly</li> <li>Report any medical emergencies on the Admin. Ch. Tone 5 <ul style="list-style-type: none"> <li>Give your location and Lat/ Log if possible</li> <li>Give the nature of the medical problem</li> <li>Give Number of Injured and Severity</li> <li>Request EMT's or other medical resources.</li> <li>Request type of evacuation resources needed: Air Ambulance/Ground Transportation/ <ul style="list-style-type: none"> <li>Give rendezvous location, DP, RD or Lat/Log</li> </ul> </li> </ul> </li> </ul>			
ICS 206 8-78					9. PREPARED BY (MEDICAL UNIT LEADER) Jennifer Kraushaar MEDL, Patrick Young MEDL (T)			
					10. REVIEWED BY (SAFETY OFFICER) S. Davis			

Lookouts  
Communications  
Escape Routes  
Safety Zones

**Butler Incident**  
Operation Period: 08/15-16/2013 Night Shift

## SAFETY MESSAGE

### DECISION MAKING

Effective decision making includes; assessing the problem, verifying information, identifying solutions, anticipating consequences of decisions, informing others of the decision and rational, evaluating decisions, and weighing the probability of success.

#### FACTORS THAT PROMOTE GOOD DECISION MAKING

- INFORMATION AVAILABLE
- TIME
- EXPERIENCE
- SITUATIONAL AWARENESS
- RISK/BENEFIT ASSESSMENT

#### BARRIERS TO GOOD DECISION MAKING

- TIME
- INACCURATE INFORMATION
- PRESSURE TO PERFORM
- ASSUMPTIONS
- POOR COMMUNICATIONS

### MAJOR HAZARDS AND RISKS

STEEP TERRAIN FATIGUE SPOT FIRES	ROLLING MATERIAL DEHYDRATION BUCKET DROPS	HEAVY EQUIPMENT SNAGS COMPLACENCY
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*Be sure all elements of your safety plan are in place prior to engagement*

#### Planning for Safety

Have multiple plans and make them know

##### **P – Primary Plan (Offense)**

*Focused on firefighter safety and mission objectives*

##### **A – Alternate Plan (Offense)**

*A fall back plan that closely supports the primary plan*

##### **C- Contingency Plan (Defense)**

*Entirely focused on firefighter safety*

##### **E – Emergency Plan (Defense)**

*Entirely focused on individual firefighter survival*

#### Driving Responsibilities

Ensure seatbelts are used by all personnel

Drive Defensively!

Keep headlights on

Use wheel chocks

Use a back up person when necessary

Reduce speed when visibility is poor

Reduce speed in populated area's and at incident base

Adhere to agency driving regulations

Nor Cal Team 2 Safety Officers Terry O'Connell, Shelby Charley, Steve Davis SOF2

# INCIDENT RISK ANALYSIS

**Butler**

**(ICS 215A) Night Shift**

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES				
ALL	<b>HAZARD TREES/SNAGS</b>	<ul style="list-style-type: none"> <li>• Follow Hazard Tree Safety Guidelines (IRPG p. 20).</li> <li>• Limit number of personnel around snags and their exposure time; fallers must be qualified for trees being fallen.</li> <li>• Be especially alert around snags during wind events or changing wind direction.</li> <li>• Maintain Situational Awareness.</li> </ul>				
ALL	<b>DRIVING HAZARDS</b>	<ul style="list-style-type: none"> <li>• Narrow dusty roads exist.</li> <li>• Establish one-way traffic or coordinate traffic flow if necessary.</li> <li>• Drive defensively! Expect the unexpected around every curve.</li> <li>• Drive with headlights on; use chock blocks, keep windshields clean; look before backing; and use backers whenever available.</li> <li>• Don't drive when fatigued. Adhere to agency driving regulations and guidelines.</li> <li>• Use care when traveling on Highway 96.</li> </ul>				
ALL	<b>HYDRATION</b>	<ul style="list-style-type: none"> <li>• Drinking water before, during and after shifts, up to 1.5 gal. per shift.</li> <li>• Be alert for signs of heat illness in yourself and others.</li> <li>• Drink 2 to 1 water to sports drinks.</li> </ul>				
ALL	<b>ENVIRONMENTAL HAZARDS</b>	<ul style="list-style-type: none"> <li>• Be alert for snakes, watch footing and hand placement around rocks.</li> <li>• Protect exposed skin from contact with poison oak; avoid smoke from burning poison oak if possible.</li> <li>• Treat exposure of poison oak with Zanfel or Tecneu.</li> <li>• See the medical unit for treatment.</li> </ul>				
ALL	<b>EXTREMELY STEEP TERRAIN AND ROLLING MATERIAL</b>	<ul style="list-style-type: none"> <li>• Watch your footing; take your time.</li> <li>• Ensure adequate spacing between crewmembers.</li> <li>• Post lookouts to warn of rolling debris.</li> </ul>				
DIV B	<b>MINE SHAFTS</b>	<ul style="list-style-type: none"> <li>• Watch for shaft openings and vent holes.</li> <li>• Keep heavy equipment clear of area.</li> <li>• Hazardous Materials and explosives can often be found around mine sites.</li> </ul>				
DIV W	<b>INDIRECT LINE</b>	<ul style="list-style-type: none"> <li>• Insure that communications between lookouts and line resources are maintained.</li> <li>• Escape routes are identified and reevaluated continuously.</li> <li>• Establish trigger points for disengagement.</li> </ul>				
DIV W	<b>FIRING OPERATIONS</b>	<ul style="list-style-type: none"> <li>• A written guideline shall be prepared and approved for major burning operations.</li> <li>• Conduct thorough briefing for all personnel (inside rear cover IRPG).</li> <li>• Qualified personnel for all assignments. Trainees to have qualified trainers.</li> <li>• Utilize Risk Mgmt. Process (IRPG p. 1) for implementing the plan.</li> <li>• Required PPE to be worn by all personnel involved.</li> <li>• Establish LCES prior to implementing burning operations (IRPG p. 6).</li> <li>• Assign an over-all Firing Boss to coordinate ignitions when simultaneous burning operations are planned for multiple locations.</li> </ul>				
DIV A, B, W	<b>SPOT FIRES</b>	<ul style="list-style-type: none"> <li>• Size up prior to engagement.</li> <li>• Watch for multiple spots.</li> <li>• Ensure LCES is in place.</li> <li>• Maintain Situational Awareness at all times.</li> </ul>				
DIV A, W	<b>STRUCTURE PROTECTION</b>	<ul style="list-style-type: none"> <li>• Conduct thorough briefing of all personnel (Inside rear cover IRPG).</li> <li>• Utilize Structure Assessment Checklist (IRPG p.10)</li> <li>• Follow Structure Protection Guidelines (IRPG p.14)</li> </ul>				
INCIDENT NAME: <b>Butler</b>  ICS 215a		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">           DATE PREPARED:  <p style="text-align: center;"><b>August 15, 2013</b></p> </td> <td style="width: 50%; padding: 5px;">           OPERATIONAL PERIOD  <b>Night Shift</b>  <b>08/15-16/2013</b>  <b>1800-0600</b>            Prepared by            S. Davis, T. O'Connell         </td> </tr> <tr> <td colspan="2" style="padding: 5px;">           TIME PREPARED: <b>0900 HOURS</b> </td> </tr> </table>	DATE PREPARED: <p style="text-align: center;"><b>August 15, 2013</b></p>	OPERATIONAL PERIOD <b>Night Shift</b> <b>08/15-16/2013</b> <b>1800-0600</b> Prepared by S. Davis, T. O'Connell	TIME PREPARED: <b>0900 HOURS</b>	
DATE PREPARED: <p style="text-align: center;"><b>August 15, 2013</b></p>	OPERATIONAL PERIOD <b>Night Shift</b> <b>08/15-16/2013</b> <b>1800-0600</b> Prepared by S. Davis, T. O'Connell					
TIME PREPARED: <b>0900 HOURS</b>						

# AIR OPERATIONS SUMMARY

Prepared By: Dennis Kuster

Prepared Date: 8/14/2013

Prepared Time: 21:30

<b>1. INCIDENT NAME:</b> Butler	<b>2. OPS PERIOD DATE:</b> 8/15/2013	<b>START TIME:</b> 0900	<b>END TIME:</b> 2100	<b>SUNRISE:</b> 0624	<b>SUNSET:</b> 2014
<b>3. REMARKS (Safety Notes, Hazards, Air Operations, Special Equipment, etc.):</b> Watch for wires in the Salmon river canyon. Beware of rapidly changing VFR conditions due to smoke. Stay ready for PSD operations. Avoid no-fly zone over Klamath and Salmon river confluence unless unsafe.					
			<b>4. READY ALERT AIRCRAFT</b> MEDEVAC- TBD I.A. - 512		
			<b>5. TFR #:</b> 3/9102 Altitude: 11,000' MSL Frequency: 120.0250		

6. PERSONNEL NAME		PHONE #	7. FREQUENCIES		FM	8. FIXED-WING- Type/ Make-Model/ N#/ Base	
AOBD	Dennis Kuster	209-352-0855	AIR/ AIR FW	AM	120.0250	AIRTANKERS - Order as needed	
ASGS	Scott Plue	208-661-6619	AIR/ AIR RW		132.2750	LEAD PLANES- Order as needed	
ATGS (T)	Carl Piper	530-295-7273	AIR/ AIR RW- FF		163.1500	ATGS AIRCRAFT- AA1176Z AA690FD	
ATGS	Joel Lane	559-310-9430	AIR/ GROUND	Command	171.5375		
ATGS(T)	Danny Williams	406-853-5746		Tactical	171.1375		
HEB1	Brad Bernardy	601-540-6528	COMMAND	rx	168.0750	H507 Cobra Shared resource between Butler and	
HEB1 (T)				tx	170.4250	Salmon Fires	
Helibase	Phone	530-625-4617	DECK		163.100		
	FAX	530-625-4620	TOLC		163.100		
Air Ops Desk	Phone	877-353-6938	AERIAL FIRING		167.9000	OTHER FW AIRCRAFT-	

**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
192CH	1	BV107	Hoopla	0800									
HT 701	1	S61	Hoopla	0800									
512	2	Bell 205A1++	Hoopla	0800									
514	2	Bell 212HP	Hoopla	0800									
TBD	2	Bell 212HP	Hoopla	0800									
507	2	Bell 209	Scott Valley	0800		Shared							
TBD	3	Bell	Hoopla	0800									

10. TASK/ MISSION/ ASSIGNMENT (Type/ function includes: Air Tactical, Retardant, Recon, Personnel Transport, Bucket Operations, SAR, etc.)		MISSION START	FLY FROM	FLY TO
TYPE/FUNCTION	NAME OF PERSONNEL OR CARGO (If applicable) or instructions for tactical aircraft			
Water Dropping		As Needed		
Recon		As Needed		
Firing, PSD		As Needed		
Cargo		As Needed		



# M.I.S.T. GUIDELINES ( SRF – KNF – SHF )

## MINIMUM IMPACT SUPPRESSION TECHNIQUES

Wilderness areas are areas that are protected by law and are managed to preserve their natural conditions for present and future generations. The following Minimum Impact Suppression Techniques (MIST) are guidelines intended to significantly reduce the impacts associated with fire suppression and incident management activities in Wilderness areas.

### SAFETY

**Safety is of paramount importance. Incident personnel should constantly be aware of their surroundings and the Eight Principles of Safety, the 10 Standard Firefighting Orders and the 18 Watchout Situations when applying MIST techniques.**

### LINE OPERATIONS

- Use natural barriers, wet line or cold trail techniques, rather than constructing line. Consider burnout from natural barriers to minimize line construction.
- When constructed line is necessary, use the minimum width, depth and canopy clearance necessary to check fire spread, based on fire behavior. Locate line to minimize impacts. Consider use of fireline explosives for line construction.
- Do not put line construction debris in streams.

### GREEN TREES, BURNED TREES AND SNAGS

- Scrape around tree bases near fireline if hot and likely to cause fire spread.
- Inside fireline: remove or limb only those fuels that if ignited would have potential to spread fire outside the fireline.
- Identify hazardous trees with an observer or flagging.
- Use Saw Use guidelines.

### SAW USE

- Minimize the amount of cutting.
- Live trees will not be cut, unless it is determined they will cause fire spread across the fireline or endanger workers or the public.
- Slope/angle saw cuts away from line of sight to minimize visual impacts. Rub dirt or ash on stumps and log ends to camouflage them. Do not crosshatch/etch.
- If trees must be felled inside the line, do not limb or buck them. Allow the fire to consume them.

### INDIRECT ATTACK

- Do not fall snags on the intended unburned side of the constructed fireline, unless they are safety hazard to crews or the public.
- On the unintended burn-out side of the line, fall only those snags that would reach the fireline should they burn and fall over.
- Consider alternative means to falling, i.e., fireline explosives, bucket drops.
- Consider all items in Section B, the Fire Line Phase.

### AIR OPERATIONS

- Limit the use of retardant. Use water drops (preferred) or foam instead. When foam or retardant use is appropriate, avoid dropping near surface water.

### HELISPOT CONSTRUCTION

- Minimize the number of helispots constructed in Wilderness.
- Evaluate carefully whether it is necessary to construct a helispot or whether an alternative outside Wilderness can be used.
- If a helispot is only needed for logistical support to deliver and retrieve supplies or gear, consider using a long line remote hook in lieu of constructing a helispot. If a helispot is needed for crew shuttle, consider the minimum size helicopter that could do the job and still meet suppression objectives.
- Use natural openings as much as possible. If some tree falling or cribbing is necessary, avoid high visitor use locations unless the modifications can be rehabilitated to be generally unnoticeable. Feather the opening so that it appears more natural looking.
- Whenever possible, the Resource Advisor should provide specific instructions and observe the construction of helispots.
- Naturalize helispots before abandoning

### SPIKE CAMPS AND CAMP ACTIVITIES

- Camps and other facilities will be located outside of wilderness whenever possible.
- A Resource Advisor will be consulted prior to establishing spike camps and use will be discontinued if resource damage occurs.

### MOP-UP PHASE

- Cold trail rather than scraping or digging whenever possible to detect hot areas.
- Roll or drag fuels into the interior and allow them to burn out, rather than mopping them up and roll logs rather than bucking.
- Pull hot material away from the bases of trees, rather than felling them.
- Remove or limb only those fuels that if ignited, have potential to spread outside the fireline.

### PERSONAL CONDUCT

**Leave No Trace – Pack it in - Pack it out**

**Confirmed approval for use of mechanized equipment – Chainsaws / Helicopter Use**



# Butler Fire Incident Trainee/Trainer Data Form

**Training Specialist:** Liz Younger

- All Incident Trainees including overhead and those on Firefighting Modules: Complete this form and drop off at the Training Specialist at your earliest opportunity, please **don't** wait till demob.
- If you are an FS-FPM employee seeking a qualification required for your regular position, contact the Training Specialist.

## A. Trainee Data

Trainee Name: \_\_\_\_\_ ICS Trainee Position: \_\_\_\_\_

Request # (A,C,E or O): \_\_\_\_\_ Agency Designator (Example **CA-SRF**): \_\_\_\_\_

Your Agency: USFS State BLM BIA NPS FWS Local Govt. Other Ordered as a Trainee: Y / N

Cell / Contact # While on Incident: \_\_\_\_\_ Home Unit Position: \_\_\_\_\_

Date Assigned: \_\_\_\_\_ Fire Name / Order Number: **Butler / CA-SRF-001388**

## Name of the person and location to mail your training package to: (Fire Chief, Training Officer)

Name: \_\_\_\_\_ Agency: \_\_\_\_\_

Agency Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_ Phone: \_\_\_\_\_

## B. Trainee Prerequisites

1. Valid Redcard or agency certification card? \_\_\_\_\_ Yes \_\_\_\_\_ No
2. Trainee has current position task book issued by home unit? \_\_\_\_\_ Yes \_\_\_\_\_ No

## C. Trainer/Evaluator Data Trainer / Evaluator Name: \_\_\_\_\_

ICS position on fire: \_\_\_\_\_ Agency: \_\_\_\_\_ Request #: \_\_\_\_\_

Address (optional): \_\_\_\_\_ City: \_\_\_\_\_

State: \_\_\_\_\_ Zip: \_\_\_\_\_ Cell / Contact While on Incident: \_\_\_\_\_

## D. Trainee Goals - (2 tasks or objectives you would like to address).

1. \_\_\_\_\_

2. \_\_\_\_\_



