

Incident Action Plan

Butler Fire

CA-SRF-1388

P5HS91



Night Shift

August 13 - 14, 2013

1800 to 0600

INCIDENT OBJECTIVES	1. Incident Name Butler	2. Date 8/13/2013	3. Time 18:40
4. Operational Period 8/13/2013 8/14/2013 1800 - 0600			
5. General Control Objectives for the Incident (Include alternatives) MANAGEMENT OBJECTIVES <ul style="list-style-type: none"> • Ensure all suppression actions are prioritized for firefighter and public safety. • Minimize the loss or damage to structures within the fire area. • Minimize damage to cultural and natural resources. • Keep costs commensurate with identified values at risk. • Protect wilderness values using Minimum Impact Suppression Techniques as identified in the plan. • Prepare for transition of command. OPERATIONAL OBJECTIVES <ul style="list-style-type: none"> • Complete structure defense preparation along river corridor. • Keep the fire: <ul style="list-style-type: none"> ○ South and west of the Salmon River to Hotelling Ridge. ○ East of Somes Mountain down to Orleans Mountain continuing to Salmon Summit. ○ South of the line from Somes Mountain to Butler Flats. ○ North of the Siskiyou / Trinity County line from Salmon Summit to Hotelling Ridge. 			
6. Weather Forecast for Period See attached forecast			
7. Resource Protection Guidelines <ul style="list-style-type: none"> • During firing operations minimize higher intensity fire and torching especially in riparian areas, mature oak stands, plantations and mature / old growth conifer stands. • Avoid Air operations dipping from the mouths of Crappo, Nordheimer, Moorehouse, Butler and Wooley Creeks. • 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. • 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 & White stripped flagging. 			
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)		10. Approved by (Incident Commander)	

ORGANIZATION ASSIGNMENT LIST		9. Operations Section		
1. Incident Name Butler		Day Ops Chief	Dale Shippelhouse / Scott Lucas (t)	
		Night Ops Chief	Steve Raymer	
2. Date 8/13/2013		3. Time 18:40		Planning Ops Dan George / Eric Petterson (t)
4. Operational Period 08/13/2013 – 08/14/2013 1800 - 0600		a. Branch I – Division/Groups		
		Branch	Mike Lanier	
Position		Division/Group	A	Tony McWilliams
Name		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	b. Division/Groups		
		Division Group	F	Unstaffed
6. Agency Representative		Division/Group	G	Unstaffed
Agency	Name	Division/Group	H	Unstaffed
Acting Agency Admin	Merv George	Division/Group	K	Unstaffed
Acting Agency Admin Rep	Mary Kay Vandiver	Division/Group	W	Tom Browning
FS Cultural Rep	Frank Lake	Division/Group	Firing	Unstaffed
Lead Resource Advisor	Corrine Black	Staging Area Manager	Staging	Unstaffed
County Sheriff	Kevin Miller	Resource Advisor	Road	Unstaffed
Cal Fire	Hugh Scanlon	Road Group	Read	Unstaffed
Hoopa Tribal Chair	Danielle Vigil-Masten	Division/Group		
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	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	Jerry Spence / D. Williams (t)	
Resources Unit	Duane Miller (t)	Air Tactical Group Supervisor	Tony DuPrey	
Situation Unit	Brian Ebert / Matt Brown(t)	HeliBase Manager	Brad Bernardy / Dan Laird (t)	
Documentation Unit	Jessica Hollingworth			
Demobilization Unit	Dean Lutz			
Fire Behavior Unit	Ken Larson / Taro Pusina(t)	10. Finance Section		
Incident Meteorologist	Jeff Tonkin / Christian Cassell (t)	Chief	Beth Lopez	
Technical Specialist	John Miller	Personnel Time Unit	Penny Portlock	
Training Specialist	Liz Younger	Equipment Time Unit	Juanita Cortez	
GISS	Melanie Kerr / Mark Grupe / K. Roehrs	Cost Unit	Rich Anderson / S. Rapphahn(t)	
Status Check-In	Monique Dumlao	Compensation / Claim Unit	Tina Kennedy	
8. Logistics Section		IBA	Doris Blackmer	
Chief	Jack Costello			
Deputy	Aaron Lowe – (Salmon Spike Camp)			
Supply Unit	Tracey Valentine			
Facilities Unit	Ric Crowther / Robin Davis (t)	Prepared By: John Owen – RESL		
Ground Support Unit	John Fell			
Communications Unit	Jim Lewis / Don Stoner			
Medical Unit	Scott McKenney / Jennifer Kraushaar			
Food Unit	Kevin Browning			

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 24	TYPE OF FIRE: Wildland Fire
FIRE NAME: Butler	OPERATIONAL PERIOD: Night, August 13-14, 1800 - 0600
DATE ISSUED: August 12, 2013	TIME ISSUED: 1030
UNIT: Klamath NF, Ukonom RD	SIGNED: /s/ Taro Pusina, FBAN (t)

INPUTS

WEATHER SUMMARY: *See attached Incident Meteorological Forecast*

Discussion:

Continued warm and dry conditions. Nighttime temperatures trending slightly higher with higher RH's. Wednesday should be the warmest day of the week before temps begin to moderate. Ridgetop winds will increase later in the week.

Weather: Partly cloudy

Min Temp: 50-58°

Max RH: 70-80% drainages and midslope, 50-60% ridgetops

Eye Level Winds: West/upslope 4-7 mph, gusts to 15 until 2000, then northeasteast/downslope 2-4 mph.

Inversion developing by 2100

FIRE BEHAVIOR

GENERAL: ERC of 56 is near the 90th percentile

Before dark worst case scenario predicted fire behavior: Flame lengths 3-6' and maximum spread rates of 5-10 ch/hr for headfire and isolated torching, short duration uphill runs with up to ¼ mi spotting, probability of ignition 60%.

Nighttime predicted fire behavior: Low activity during the night with 1-2' flame lengths, 1-2 chains/hour rate of spread, probability of ignition down to 20%.

Division A/B: Main fire and Div. B firing operation fire will join on ridge between Fong Wah and Horn Creek drainages. Fire will also rollout, back and flank toward McNeal Creek and could cross tonight.

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

Divisions K, W: Fire has crossed Butler Creek in several locations. The most active finger could reach Div. W between DP's 6 and 7. Other fingers predicted to grow with low intensity and spread rates toward Divs. K and W tonight.

AIR OPERATIONS

Poor visibility under an inversion during morning hours

08/13 Sunset – 20:15

08/14 Sunrise – 06:22

SAFETY

- Lessons learned from wildfire structure protection: Spot fires create multiple fire fronts and firefighters are often surrounded by flames, showered by burning embers and are subjected to dense smoke during the battle.
- Burnout operations may result in fire running back towards control lines when rollout occurs on steeper slopes.
- Rates of spread and fire behavior will increase in steep chutes and narrow canyons, particularly when wind, aspect and terrain features are in alignment.



Butler Fire Incident Weather Forecast



FORECAST NO: 11 N
PREDICTION FOR: Tuesday Night Shift
SHIFT DATE: August 13/14, 2013
FORECAST ISSUED: 1000 August 13th, 2013

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

WEATHER DISCUSSION:

Overnight RH recoveries will continue to become poorer through Wednesday night. Southwest winds will begin strengthening late Wednesday night and linger longer into the night than usual Thursday night before laying down. These winds should subside by late Friday night. Smoke from the Corral Complex to the south will continue to push smoke north toward the Butler Fire...especially on the east side.

WEATHER FORECAST TONIGHT (TUESDAY NIGHT SHIFT):

WEATHER: Partly cloudy. Areas of smoke. Inversion developing by 2100.
MIN TEMPERATURES: 50 to 58.
MAX HUMIDITY: 50 - 60% (ridges) to 70 - 80% (drainages)
WINDS (EYE LEVEL): West or Upslope 4 to 7 mph with gusts to 15 mph until 2000 PDT then...becoming Northeast or Downslope 2 to 4 mph until sunrise.
SMOKE TRANSPORT: Northeast 1 to 3 mph.

WEATHER FORECAST WEDNESDAY DAY SHIFT:

WEATHER: Mostly sunny. Areas of smoke. A few cumulus clouds in the afternoon. Inversion most likely breaks between 1500 and 1700.

MAX TEMP: Elev. 1000 ft: 94 - 100 F Elev 2500 ft: 84 - 90 F Elev 4000 ft: 75 - 82 F
MIN HUMID: Elev. 1000 ft: 12 - 18%. Elev 2500 ft: 18 - 25% Elev 4000 ft: 27 - 31%
WINDS (EYE LEVEL): Southwest or Upslope/Upvalley 4 to 7 mph. Gusts 12 to 18 mph toward ridgetops during peak afternoon heating.
LAL: 1 CWR: 0%

OUTLOOK FOR WEDNESDAY NIGHT:

WEATHER: Partly Cloudy. Areas of smoke.
MIN TEMPERATURES: 50 to 58.
MAX RH: 45 - 55% (ridges) to 70 - 80% (drainages)
WIND: West or Upslope/Upvalley 4 to 7 mph with gusts to 12 mph until 2000 PDT...then becoming East or Downslope 2 to 5 mph. Ridgetop winds beginning to strengthen to Southwest 7 to 12 mph above the inversion toward morning. Inversion developing by 2100 PDT.

THURSDAY THROUGH SATURDAY:

WEATHER: Partly Cloudy. Areas of smoke. Isolated showers and thunderstorms Friday and Saturday afternoons confined to Trinity Alps and other favored areas of convection.
WIND: West to Southwest 8 to 13 mph gusting 20 to 25 mph Thursday. Winds weakening slightly Friday to gusts to 18 mph before becoming relatively light by Saturday. Strongest winds during peak afternoon heating when optimal mixing occurs. Thursday night RHs should recover well as the marine layer pushes inland toward the area.

MIN TEMPERATURES: 50 to 58. MAX RH: 50 to 65% LAL: 1 CWR: 0%

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group A		
3. Incident Name Butler			4. Operational Period NIGHT OPERATIONS Date: 08/13/2013 - 08/14/2013 Time: 1800 - 0600				
5. Operations Personnel							
Operations Chief		Steve Raymer			Division/Group Supervisor		Tony McWilliams
Branch Director					Air Operations		Dennis Kuster
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator		Leader		Last Shift	Number Persons	Trans. Needed	Pick Up PT./Time
S/T SRF 2600C (E-18)		Dave Markin / Jamie Willburn		8/16	27	N	0600
ENG3 MTR01 (E-284)		Daniel Terrell		8/26	3	N	0600
WT1 V&P (E-43)		Rick Patrick		8/21	1	N	0600
SOF2 (O-263)		Timothy Stanton		8/21	1	N	0600
FEMP (O-343)		Jeff Cochran		8/25	1	N	0600
7. Control Operations <ul style="list-style-type: none"> Assess structures and provide point protection Keep fire from crossing Salmon River road 							
8. Special Instructions <ul style="list-style-type: none"> Initiate holding actions if necessary 							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 168.0750 TX 170.4250	NIFC C3	11 Tone 3	Emergency' Use Only	RX 168.1250 TX 170.4750	FS ADM	1 Tone 5
Tactical Division/Group	RX 166.5500 TX 166.5500	R5 TAC4	4 Tone 3	Air to Ground Command	RX 171.5375 TX 171.5375	A/G	7
Prepared by (Resource Unit Leader)			Approved by (Planning Section Chief)			Date	Time
Duane Miller						8/13/2013	18:40

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group B			
3. Incident Name Butler			4. Operational Period NIGHT OPERATIONS Date: 08/13/2013 – 08/14/2013 Time: 1800 - 0600					
5. Operations Personnel								
Operations Chief		Steve Raymer			Division/Group Supervisor		Mark Bernal	
Branch Director					Air Operations		Dennis Kuster	
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 Firestorm #3 (C-17)		Chris Sprague		8/22	20	N	DP-2 / 1900	0600
T/F MDF 3630C (E-8)		Ben Iverson / Sean Slinkard (†)		8/16	24	N	DP-2 / 1900	0600
WT2 AWD LePage #66 (E-107)		Jim LePage		8/20	1	N	DP-2 / 1900	0600
WT2 TT Const. (E-41)		Matthew Post		8/12	1	N	DP-2 / 1900	0600
FEMP (O-233)		Andy Oberg		8/20	1	N	DP-2 / 1900	0600
FEMT (O-280)		Greg Greenlee		8/23	1	N	DP-2 / 1900	0600
FEMP (O-282)		Lucas Lambert		8/24	1	N	DP-2 / 1900	0600
FEMT (O-279)		Jobee Farrer		8/23	1	N	DP-2 / 1900	0600
7. Control Operations								
<ul style="list-style-type: none"> Assess structures and provide point protection Keep fire from crossing Salmon River road 								
8. Special Instructions								
9. Division/Group Communication Summary								
Function	Frequency	System	Channel	Function	Frequency	System	Channel	
Command	RX 168.0750 TX 170.4250	NIFC C3	11 Tone 3	Emergency Use Only	RX 168.1250 TX 170.4750	FS ADM	1 Tone 5	
Tactical Division/Group	RX 167.1125 TX 167.1125	R5 TAC5	5 Tone 3	Air to Ground Command	RX 171.5375 TX 171.5375	A/G	7	
Prepared by (Resource Unit Leader)			Approved by (Planning Section Chief)			Date	Time	
Duane Miller						8/13/2013	18:46	

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group W		
3. Incident Name Butler			4. Operational Period NIGHT OPERATIONS Date: 08/13/2013 – 08/14/2013 Time: 1800 – 0600				
5. Operations Personnel							
Operations Chief		Steve Raymer		Division Group Supervisor		Tom Browning	
Branch Director				Air Operations		Dennis Kuster	
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator		Leader		Last Shift	Number Persons	Trans. Needed	Pick Up PT./Time
ENG6 CCP E861 (E-287)		Christie Lapaz		8/26	3	N	0600
ENG6 PAT E405 (E-286)		Ike Isakson		8/21	4	N	0600
WT2 Let-er-Buck (E-97)		Mike Havasell		8/18	1	N	0600
WT2 Ken's (E-95)		Don Andrews		8/18	1	N	0600
WT2 Fireline Support (E-108)		Leon Valentin		8/18	1	N	0600
FEMP (O-232)		Kelland Wolf		8/20	1	N	0600
7. Control Operations							
<ul style="list-style-type: none"> Assess structures and provide point protection Keep fire from crossing Salmon River road Be prepared to support firing operations 							
8. Special Instructions							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 168.0750 TX 170.4250	NIFC C3	11 Tone 3	Emergency Use Only	RX 168.1250 TX 170.4750	FS ADM	1 Tone 5
Tactical Division/Group	RX 168.2000 TX 168.2000	NIFC TAC2	10	Air to Ground Command	RX 171.5375 TX 171.5375	A/G	7
Prepared by (Resource Unit Leader)			Approved by (Planning Section Chief)			Date	Time
Duane Miller						8/13/2013	18:41

Incident Radio Communications Plan	1. Incident Name Butler	2. Date / Time Prepared 8/13/2013 18:42	3. Operational Period Date / Time 8/13/2013 - 8/14/2013 1800-0600
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4. Basic Radio Channel Utilization

Mode: W = Wideband Analog, N = Narrowband, D = Digital, M = Mixed

Channel	Function	Frequency	Tone	Mod	Assignment	Remarks
1	F ADM TN 5	RX: 168.1250		N		Tone 5 (146.2)
		TX: 170.4750	5			
2	NIFC C45	RX: 163.3375		N	Road Control – Orleans Mountain	Tone 3 (131.8)
		TX: 172.2750	3			
3	NIFC TAC 3	RX: 168.6000		N	DIV C / D / E / F / G	
		TX: 168.6000				
4	R5 TAC 4	RX: 166.5500	3	N	DIV A / Firing Group	Tone 3 (131.8)
		TX: 166.5500	3			
5	R5 TAC 5	RX: 167.1125	3	N	DIV B	Tone 3 (131.8)
		TX: 167.1125	3			
6	R5 TAC 6	RX: 168.2375	3	N	DIV H	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)
		TX: 170.4250	3			
12	NIFC C10	RX: 170.4125		N		Tone 3 (131.8)
		TX: 165.9625	3			
13	NIFC C41	RX: 164.7750		N	CMD (HOOPA/HELIBASE)	Tone 3 (131.8)
		TX: 170.4625	3			
14	NIFC C40	RX: 163.0375		N	CMD (ICP)	Tone 3 (131.8)
		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 8/13/2013		3. TIME PREPARED 1330 Hrs		4. OPERATIONAL PERIOD 1800-0600 08/13/2013-08/14/2013			
5. INCIDENT MEDICAL AID STATIONS											
MEDICAL AID STATIONS				LOCATION				PARAMEDICS			
								YES		NO	
Frontline Medical W/MEDL McKenney				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						X	
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	
St Joseph Hospital		2700 Dolbeer Eureka, Ca. N 40 47.02 / W 124 8.48		20 M		2 H		707-445-8121 #2		X	
Fairchild Medical Center		444 Bruce St. Yreka, CA N41 43.13 W122 38.69		20M		2 H		530-842-4121		X	
Mad River Hospital		3800 Janes Rd Arcata, Ca N 40 53.45 / W 124 5.25		15M		2 H		707-826-8264		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	
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	
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	
8. MEDICAL EMERGENCY PROCEDURES											
IN-CAMP CARE						LINE EMERGENCIES					
<ul style="list-style-type: none"> Minor Injuries or illnesses <ul style="list-style-type: none"> Seek Aid directly at the ICP Medical Unit Unit Open 0600 hrs to 2200 hrs Moderate to Severe Injuries or Illnesses <ul style="list-style-type: none"> Contact Communications or Med Unit directly Med Unit staffed after hours for Emergencies Workers Comp Reporting & Prescription Refills <ul style="list-style-type: none"> 0730 hrs to 2100 hrs MEDL Available by phone or through Communications via radio McKenney @ICP 877-356-8984 Young @ Salmon Camp 530-462-1518 Hospital Liaison: Available through FICC 						<ul style="list-style-type: none"> Start of shift: notify your Div Sup of EMT's and Equipment you have available for response if needed. Notify Division Supervisor or Communications directly Report any medical emergencies on the Admin. Ch. Tone 5 <ul style="list-style-type: none"> Give your location and Lat/ Log if possible Give the nature of the medical problem Give Number of Injured and Severity Request EMT's or other medical resources. Request type of evacuation resources needed: Air Ambulance/Ground Transportation/ Give rendezvous location, DP, RD or Lat/Log 					
ICS 206 8-78		9. PREPARED BY (MEDICAL UNIT LEADER) Scott McKenney, MEDL Patrick Young MEDL (T)				10. REVIEWED BY (SAFETY OFFICER) S. Davis					

Lookouts
Communications
Escape Routes
Safety Zones

Butler Incident
Operation Period: 8/13-14/2013 Night Shift

SAFETY MESSAGE

FOCUS YOUR ATTENTION ON

- **Driving safely:** Getting to and from the work assignment may be one of the more hazardous activities on this incident.
- **Identifying Hazards:** Size up the work area to identify all potential and existing hazards associated with the environment and assignment.
- **Mitigate Hazards:** Remove hazards or avoid them. Utilize hazard control measures to reduce risk.
- **Use of PPE:** Please ensure the appropriate PPE is in use to protect from the hazards found in your work area

MAJOR HAZARDS AND RISKS

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

Night Operations Hazards

Your ability to maintain your situational awareness at night is compromised by your inability to see hazards and other visual indicators in your work area.

Other challenges faced during night operations:

- Ability to maintain your orientation
- Difficulty seeing hazards beyond your headlamp
- Difficulty estimating distances
- Inability to use landmarks as reference
- Blowing smoke can increase visual difficulties
- Logistical support is limited

Trigger Points

Establish Trigger Point(s) when potential exists for your fire situation to degrade.

Insure that your situation awareness includes monitoring factors that relate to the Trigger Point(s) you set.

Have a planned response in place.

Do not ignore a Trigger Point that has been hit!

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	HAZARD TREES/SNAGS	<ul style="list-style-type: none"> • Follow Hazard Tree Safety Guidelines (IRPG p. 20). • Limit number of personnel around snags and their exposure time; fallers must be qualified for trees being fallen. • Be especially alert around snags during wind events or changing wind direction. • Maintain Situational Awareness. 	
ALL	DRIVING HAZARDS	<ul style="list-style-type: none"> • Narrow dusty roads exist. • Establish one-way traffic or coordinate traffic flow if necessary. • Drive defensively! Expect the unexpected around every curve. • Drive with headlights on; use chock blocks, keep windshields clean; look before backing; and use backers whenever available. • Don't drive when fatigued. Adhere to agency driving regulations and guidelines. • Use care when traveling on Highway 96. 	
ALL	HYDRATION	<ul style="list-style-type: none"> • Drinking water before, during and after shifts, up to 1.5 gal. per shift. • Be alert for signs of heat illness in yourself and others. • Drink 2 to 1 water to sports drinks. 	
ALL	ENVIRONMENTAL HAZARDS	<ul style="list-style-type: none"> • Be alert for snakes, watch footing and hand placement around rocks. • Protect exposed skin from contact with poison oak, avoid smoke from burning poison oak if possible. • Treat exposure of poison oak with Zanfel or Tecneu. • See the medical unit for treatment. 	
ALL	EXTREMELY STEEP TERRAIN AND ROLLING MATERIAL	<ul style="list-style-type: none"> • Watch your footing; take your time. • Ensure adequate spacing between crewmembers. • Post lookouts to warn of rolling debris. 	
DIV W	INDIRECT LINE	<ul style="list-style-type: none"> • Insure that communications between lookouts and line resources are maintained. • Escape routes are identified and reevaluated continuously. • Establish trigger points for disengagement. 	
DIV W	FIRING OPERATIONS	<ul style="list-style-type: none"> • A written guideline shall be prepared and approved for major burning operations. • Conduct thorough briefing for all personnel (inside rear cover IRPG). • Qualified personnel for all assignments. Trainees to have qualified trainers. • Utilize Risk Mgmt. Process (IRPG p. 1) for implementing the plan. • Required PPE to be worn by all personnel involved. • Establish LCES prior to implementing burning operations (IRPG p. 6). • Assign an over-all Firing Boss to coordinate ignitions when simultaneous burning operations are planned for multiple locations. 	
DIV A, B, W	SPOT FIRES	<ul style="list-style-type: none"> • Size up prior to engagement. • Watch for multiple spots. • Ensure LCES is in place. • Maintain Situational Awareness at all times. 	
DIV A, W	STRUCTURE PROTECTION	<ul style="list-style-type: none"> • Conduct thorough briefing of all personnel (Inside rear cover IRPG). • Utilize Structure Assessment Checklist (IRPG p.10) • Follow Structure Protection Guidelines (IRPG p.14) 	
INCIDENT NAME: Butler ICS 215a		DATE PREPARED: <p style="text-align: center;">August 13, 2013</p>	OPERATIONAL PERIOD Night Shift 08/13-14/2013 1800-0600 Prepared by S. Davis, T. O'Connell
		TIME PREPARED: 0900 HOURS	

AIR OPERATIONS SUMMARY

Prepared By: Dennis Kuster Prepared Date: 8/12/2013

Prepared Time: 21:30

1. INCIDENT NAME: Butler	2. OPS PERIOD DATE: 8/13/2013	START TIME: 0900	END TIME: 2100	SUNRISE: 0622	SUNSET: 2017
3. REMARKS (Safety Notes, Hazards, Air Operations, Special Equipment, etc.): Watch for wires in the Salmon river canyon. Beware of rapidly changing VFR conditions due to smoke. Be prepared to assist SRF with IA. Stay ready for PSD operatios.			4. READY ALERT AIRCRAFT MEDEVAC- 553 I.A. - 520		5. TFR #: 3/8122 Altitude: 11,000' MSL Frequency: 120.0250

6. PERSONNEL	NAME	PHONE #	7. FREQUENCIES	AM	FM	8. FIXED-WING- Type/ Make-Model/ N#/ Base
AOBD	Dennis Kuster	209-352-0855	AIR/ AIR FW	120.0250		AIRTANKERS - Order as needed
ASGS	Scott Plue	208-661-6619	AIR/ AIR RW	132.2750		LEAD PLANES- Order as needed
ATGS ATGS (T)	Carl Piper	530-295-7273	AIR/ AIR RW- FF		163.1500	ATGS AIRCRAFT- AA1176Z AA690FD
ATGS ATGS(T)	Joel Lane Danny Williams	559-310-9430 406-853-5746	AIR/ GROUND	Command Tactical	171.5375 171.1375	
HEB1	Brad Bernardy	601-540-6528	COMMAND rx		168.0750	H507 Cobra Shared resource between Butler and Salmon Fires
HEB1 (T)			tx	Tone 3	170.4250	
Helibase	Phone	530-625-4617	DECK		163.100	
	FAX	530-625-4620	TOLC		163.100	
Air Ops Desk	Phone	877-353-6938	AERIAL FIRING		168.7375	OTHER FW AIRCRAFT-

9. HELICOPTERS (Use Additional Sheets as Necessary)

FAA N#	T Y	MAKE/ MODEL	BASE	AVAIL	START	REMARKS	FAA N#	T Y	MAKE/ MODEL	BASE	AVAIL	START	REMARKS
192CH	1	BV107	Hoopa	0800									
HT 701	1	S61	Hoopa	0800									
512	2	Bell 205A1++	Hoopa	0800									
514	2	Bell 212HP	Hoopa	0800									
520	2	Bell 212HP	Hoopa	0800									
507	2	Bell 209	Scott Valley	0800		Shared							
553	3	Bell 407	Hoopa	0800									

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		
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. _____

