

Incident Action Plan

Beaver Fire

CA-KNF-005497

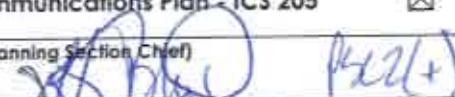

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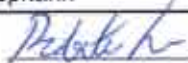
Day Shift

08/09/14

0600 - 1800

INCIDENT OBJECTIVES	1. Incident Name Beaver	2. Date 8/8/2014	3. Time 19:23
4. Operational Period 08/09/2014 0600 - 1800			
5. General Control Objectives for the Incident (Include alternatives) MANAGEMENT OBJECTIVES <ul style="list-style-type: none"> • Ensure firefighter and public safety in all incident activities. Adhere to all safety standards and implement appropriate risk analysis • Protect values at risk to include watershed, Late Successional Reserve, cultural resources, private timber lands and recreation sites • Coordinate with Forest to maintain timely and accurate communications with communities, county officials and stakeholders. • Effectively manage incident costs by planning strategies and tactics toward a high probability of success. OPERATIONAL OBJECTIVES <ul style="list-style-type: none"> • Keep the fire: <ul style="list-style-type: none"> ○ North of Highway 96 ○ East of Deer Camp Meadows ○ West of Empire Creek Drainage ○ South of Beaver / Dead Cow Creek Canyon 			
6. Weather Forecast for Period See attached forecast			
7. General Safety Message See attached safety message			
a. 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 checked="" type="checkbox"/> Base Camp Map <input type="checkbox"/> LCES Worksheet			
9. Prepared by (Planning Section Chief) Patrick Farrell 		10. Approved by (Incident Commander) Matt Johnson 	

ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name: Beaver		2. Operational Period: Date 8/09/2014 Time From 0600 To 1800	
3. Incident Commander(s) and Command Staff:		7. Operations Section:	
Incident Commander	Matt Johnson	Day Ops Chief	Daren Dalrymple / Eric Petterson (t)
Deputy IC	Joe Molhoek	Night Ops Chief	Dan George
Liason Officer	Tim Fike	Planning Ops	Dale Shippelhouse
Information Officer	Adrienne Freeman / Corey Wiiford (t) Andrea Capps (t)	Branch Director	Carl Schwope
Safety Officer	Steve Davis / James Courtright (t)	Branch	I
4. Agency/Organization Representatives:		Division/Group	A Goss / Flores (t)
Agency/Organization		Division/Group	C Woodward / Ploski (t)
Agency Administrator	Patty Grantham	Division/Group	G / K Bovie / Nightingale (t)
Agency Admin Rep.	Lance Noxon	Division/Group	L McRae
Fruitgrowers Timber	Terry Salvestro	Division/Group	W Demello / Berg (t)
Michigan Cal	Chris Chase	Division/Group	
County OES	Ron Quigley	Division/Group	
Siskiyou Co. Sheriff	Corporal Weed	Division/Group	
Cal Fire	Steve Curley	Division/Group	
CalTrans	Ryan Gomes	Division/Group	
IARR	Lauren Miles / Mitch Bouchonville	Branch	
CAL OES	Art Torres	Division/Group	P Thomas / McKnight (t)
5. Planning Section:		Division/Group	Q / T Lindley
Chief	Patrick Farrell	Division/Group	U Raymer
Deputy	Jeff Buscher (t)		V Browning / Pieper (t)
Resources Unit	Roberta Lim (t) / Duane Miller (t)	Division/Group	
Situation Unit	Matt Brown / Keith Flood (t) / John Owen (t)	Division/Group	
Demobilization Unit	Dean Lutz / Michael Young (t)		
Training Specialist	Brad Smith / Brian Lamphiear (t)	Branch	
Computer Tech Spec	Shane Neal	Division/Group	
GISS	Melanie Kerr, Kevin Roehrs, David Benitez, Mark Grupe	Division/Group	
Fire Behavior Analyst	Ken Larson, Brian Ebert (t)	Division/Group	
IMET	Andy Haner / Tim Sedlock (t)	Division/Group	
6. Logistics Section:		Air Operations Branch	
Chief	Jack Costello	Air Ops Branch Dir.	Dennis Kuster
Deputy	Aaron Lowe	Air Support Group Supervisor	Staci Dickson
Supply Unit	Tracey Valentine	Air Support Group Supervisor	Jim Gould (t)
Facilities Unit	Ric Crowther	8. Finance/Administration Section:	
Ground Support Unit	John Fell	Chief	Beth Lopez
Communications Unit	Don Stoner	Deputy	Richard Anderson
Medical Unit	Patrick Young	Time Unit	Penny Portlock / Juanita Cortez
Food Unit	Kevin Browning	Procurement Unit	
		Comp/Claims Unit	Tina Kennedy
		Cost Unit	Sam Rapphahn
9. Prepared by: Name: Roberta Lim		Position/Title: RESL (t)	
ICS 203	IAP Page	Date/Time: 08/04/14 1230	 Signature



INCIDENT Weather Forecast



FORECAST NO: 11

NAME OF FIRE: Beaver Fire

PREDICTION FOR: Saturday DAY Shift

UNIT: Klamath National Forest

SHIFT DATE: August 9, 2014

SIGNED: Andy Haner/Tim Sedlock (T)

TIME AND DATE

Incident Meteorologists

FORECAST ISSUED: 08/08/2014 at 2100 PDT

****Red Flag Warning for Thunderstorms from Sunday afternoon through Monday Night****

WEATHER DISCUSSION: A light southerly flow aloft will prevail today with the continuation of a warm and fairly dry air mass. Isolated afternoon thunderstorms should develop well south of the fire, but the fire should remain dry. On Sunday, a weak upper level low near the Bay Area will draw monsoon moisture into northwest California, posing the possibility of a significant lightning event Sunday with mixed wet/dry storms.

WEATHER FORECAST:

Saturday: Weather: Sunny in the morning, then turning partly cloudy in the afternoon.
High Temperature... 94-98 canyon bottom, 83-88 mid-upper slopes (2-4 degrees warmer than Friday)
Min RH..... 15-20% canyon bottoms, 22-28% high elevations (Little Change from Friday)
20-FOOT WINDS:
Canyons..... Light in the morning, becoming upslope/upcanyon 6-9 mph early in the afternoon. In Beaver Creek drainage, becoming north-northwest 7-10 mph after 1600 PDT.
Ridgetop..... East wind 2-4 mph through early afternoon, becoming north 6-10 mph by late afternoon with gusts near 16 mph.
CWR (>=0.10")....0% **LAL....1 (No lightning)** **Haines Index....5 (Moderate)**

Saturday Night:

Weather: Mostly Clear.
Low Temperature... 54-59
Max RH..... Fair Recovery...60-72%
20-FOOT WINDS:
Canyons..... Beaver Creek in the evening... North-northwest 8-12 mph with gusts to 20 mph. Otherwise and elsewhere, downslope/downcanyon wind 2-6 mph
Ridgetop..... North-northwest 8-12 mph this evening, easing to 2-4 mph overnight.
CWR (>=0.10")....0% **LAL....1 (No Lightning)** **Haines Index....4 (Low)**

Outlook for Sunday: RED FLAG WARNING SUNDAY. THUNDERSTORMS IMPLY GUSTY/ERRATIC WINDS.

Weather: Partly cloudy in the morning, with increased cloudiness in the afternoon. Scattered thunderstorms late in the day.
High Temperature... 92-97 canyon bottom, 82-87 mid-upper slopes (1-2 degrees cooler than Saturday)
Min RH..... 15-20% canyon bottoms, 23-29% high elevations (0-2 percent wetter than Saturday)
20-FOOT WINDS:
Canyons..... Light in the morning, becoming upslope/upcanyon 6-9 mph early in the afternoon.
Ridgetop..... East wind 2-4 mph through early afternoon, becoming north 6-12 mph by late afternoon with gusts near 20 mph.
CWR (>=0.10")....5% **LAL....3 (Scattered lightning)** **Haines Index....5 (Moderate)**

EXTENDED OUTLOOK for Monday through Wednesday: RED FLAG WARNING FOR MONDAY.

The weak low pressure near the Bay Area will again provide scattered lightning storm chances, posing the possibility of a significant lightning event again for Monday. Thunderstorm risk will diminish on Tuesday.

.Monday and Tuesday...Partly Cloudy with Scattered Thunderstorms Monday...then isolated storms on Tuesday. Lows 58-64. Highs 91-96 canyon bottom, 81-86 mid-upper slopes. Min RH 15-25% canyon bottoms, 25-35% ridges. East wind 2-4 mph, then northwest 8-12 mph late each aftn.
.Wednesday...Mostly sunny and drier. Lows 59-64. Highs 91-96 canyon bottom, 80-85 mid-upper slopes. Min RH 15-20% canyon bottoms, 22-28% ridges.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 15	TYPE OF FIRE: Wildland Fire
FIRE NAME: Beaver	OPERATIONAL PERIOD: 0600-1800, August 9, 2014
DATE ISSUED: August 8, 2014	TIME ISSUED: 2100
UNIT: Klamath NF	SIGNED: /s/ Brian Ebert, FBAN(t)

INPUTS

WEATHER SUMMARY: ***See Attached Fire Weather Forecast***

Discussion:

A light southerly flow aloft will prevail today with the continuation of a warm and fairly dry air mass. Isolated Thunderstorms are expected well south of the fire area today.

Max Temp: 94-98° canyon bottom, 83-88° mid-upper slopes

Min RH: 15-20% canyon bottom, 22-28% high elevations

LAL: 1 (No Lightning)

20 ft. Winds (Canyons) Light in the morning, becoming upslope/upcanyon 6-9 mph early this afternoon. In Beaver Creek drainage N-NW 7-10 mph after 1600.

(Ridgetop) E 2-4 mph through early afternoon, becoming N 6-10 mph by late afternoon with gusts near 16 mph.

FIRE BEHAVIOR

GENERAL *** Slight Change in Ridgetop Wind Direction Today***

Long term drought and persistent hot and dry weather continues to keep fuels critically dry. Energy Release Component for both Oak Knoll and Collins Baldy RAWS increased to near 97th percentile conditions. ERC: Oak Knoll - 72; Collins Baldy - 72. Locally, live fuel moisture values have decreased from 3 weeks ago. 1000 hour fuel moisture < 7% (Down 1% from 7/15) Live Fuel Moisture < 78% (Down 20% from 7/15).

The inversion lifts mid-afternoon by 1500 at which time noticeable changes in fire behavior occur. **Once the inversion lifts, rates of spread increase and fire activity transitions to group torching with short crown runs where wind and slope align.** As soon as the inversion breaks, opportunities for direct line construction become challenging due to flame lengths, high intensities and spotting outside the main fire.

Probability of Ignition of 80% with spotting up to 0.2 miles. Anticipate 1 to 3 ch/hr backing downhill spread rates. Aligned wind and drainages will see rates of spread reaching up to 10 ch/hr in timber fuels and 30 ch/hr in brush; flame lengths 8-13 feet. Individual and group tree torching with associated spotting and short-duration crown runs could result in rates of spread in excess of 40 chains/hr. **Fuels are extremely receptive to spotting.**

SPECIFIC FIRE BEHAVIOR

Division A/C/G/K: Increased spread uphill with East ridgetop winds; then a change in spread direction toward Division A as ridge winds shift to the North. Change in ridge winds expected to transport smoke toward indirect lines and then transition to downslope toward control lines in Division A; the key here is the potential for spot fires. Watch the smoke column for indications of general winds changing directions. Rates of spread will increase where wind and slope are aligned.

Divisions L/P: Fire continues to spread downhill toward Road 47N01 and the dozer line. Expect surface fire behavior with potential torching activity as conditions continue to dry throughout the shift.

Division Q/T: Fire continues to spread laterally toward the Fish Creek drainage. Lateral spread rates up to 4 ch/hr; watch out if the fire spreads into the drainage as it may run upslope and establish in Fish Creek drainage with the enhanced downslope winds that occur in Beaver Creek.

Division U/V: Aligned wind and drainages have the most potential to increase spread rates in Divisions U. Backing fire downslope along with lateral spread east is anticipated along Hwy 96. Winds become strong and gusty up drainage along the Klamath River increasing rates of spread. Fire that establishes in the drainages below Division U will spread quickly upslope with potential to impact indirect lines. Rolling material on steep slopes remains an issue.

AIR OPERATIONS

Expect poor visibility due to the inversion/smoke present in the fire area. Visibility should be best between around 1500 and sunset. Aircraft use may be limited in the morning. Sunrise: 06:13 Sunset: 20:19

SAFETY

Noticeable change in fire behavior occurs once the inversion lifts; post lookouts to monitor weather and changes in fire behavior that indicate fire activity is transitioning.

Many Divisions are working in areas with unburned fuel between you and the fireline. Spotting as far as .5 miles have been observed on the fire. Today's conditions match some of the hottest days on so far on the fire.

Fuels and Fire Behavior Advisory

Northern California

July 23, 2014



Subject: Long term drought conditions along with hot and dry weather have led to very low live and dead fuel moistures. Weather and fuels conditions are contributing to active to extreme fire behavior and above normal large fire potential for Northern California.

Discussion: The extremely dry and warm conditions of April, May and June combined with the extreme to exceptional drought conditions have led to low live and dead fuel moistures. Lack of winter snow cover exposed much of the upper elevation fuels to drying conditions weeks and even months sooner than normal. Grasses have fully cured across low and middle elevations and have begun curing at upper elevations.

Difference from normal conditions: Live and dead fuel moistures are approximately 6 weeks ahead of normal and typical of mid-August. Extreme to exceptional drought, the highest levels on the Drought Monitor system now cover nearly the entire North state. Live fuel moistures never reached typical seasonal maximums and are rapidly moving toward critical levels. All timelag classes of dead fuels are at moisture levels that allow for easy ignition and rapid spread.


Concerns to Firefighters:

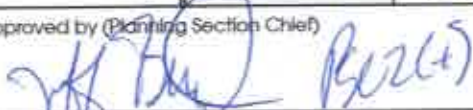
- **Expect fires to ignite easier and spread faster due to low live and dead fuel moistures.** Recent fires have shown almost complete consumption of large dead fuels. **Expect higher probability of ignition and increased spotting** due to increased amount of receptive and available surface and aerial fuels.
- Energy Release Component (ERC) is a good indicator of seasonal drying trends. **Current ERC values are reaching maximum seasonal values or setting record highs** for all Predictive Service Areas (PSA) with the exception of the North Coast PSA. **Anticipate increased spread rates and active night time burning.**
- Anticipate higher resistance to control in all fuel types. **When critical fire weather conditions exist expect active to extreme fire behavior.**

Mitigation Measures:

- Firefighters should acknowledge and prepare for fire growth and fire behavior that may exceed anything they have experienced before due to the extreme drought. **Normal strategies and tactics may need to be adjusted to account for the drought factor. Suppression actions need to be based on good anchor points, lookouts, communications, escape routes, and safety zones.**
- Local and incoming fire personnel need to be aware that fire behavior is exceeding normal expectations for this time of the year. **Local briefings need to highlight specific fire environment conditions including local weather forecasts, Pocket Cards, ERC's, live and dead fuel moistures, and special fuel conditions such as mortality, Sudden Oak Death and frost killed brush, etc.**
- Base all actions on current and expected behavior of the fire. **Augment initial attack resources as incident activity dictates.**
- Review the most current Northern California 7-day Significant Fire Potential along with Daily, Monthly and Seasonal Outlooks at: [Predictive Services Outlooks & Fire Potential](#)


Area of Concern: The area of concern is Northern California exception of North Coast PSA. A map showing the areas of concern described in this advisory can be found at: [National Fuels & Fire Behavior Advisories](#)


DIVISION ASSIGNMENT LIST			1. Branch I		2. Division/Group A						
3. Incident Name Beaver			4. Operational Period Date: 08/09/2014		DAY OPERATIONS Time: 0600-1800						
5. Operations Personnel											
Operations Chief		Daren Dalrymple / Eric Petterson (†)		Division/Group Supervisor		John Goss / Jason Flores (†)					
Branch Director		Carl Schwope		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			
HC1 Bear Divide (C-31)		Brian Anderson		8/19	20	N	DP 88 / 0700	1800			
HC1 Kern Valley (C-24)		Leif Mathlesen		8/19	23	N	DP 88 / 0700	1800			
HC1 Little Tujunga (C-6)		Oscar Vargas		8/14	20	N	DP 88 / 0700	1800			
ST 5076B (E-96) 24hr		Matt Watson		8/18	17	N	DP 88 / 0700	1800			
ENG3 MNF 353 (E-220)		Conroy Coleman		8/12	5	N	DP 88 / 0700	1800			
ENG3 San Juan Brush (E-11)		Chad Vecello / S. Haun (†)		8/15	3	N	DP 88 / 0700	1800			
DO22 w/LOWB North St. (E-133) 24hr		George Poe		8/19	2	N	DP 88 / 0700	1800			
DO22 w/LOWB McCullough (E-132) 24hr		Bob Greene		8/18	2	N	DP 88 / 0700	1800			
HEQB (O-189)		Levy Rentz		8/18	1	N	DP 88 / 0700	1800			
HEQB (O-63)		Tommy Strother (†)		8/17	1	N	DP 88 / 0700	1800			
READ (O-4)		Erin Rentz / Zach Rodriguez		8/14	2	N	DP 88 / 0700	1800			
7. Control Operations											
<ul style="list-style-type: none"> • Provide structure protection. • Construct handline and dozer line. 											
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)		Airt. Command	RX 168.1750 TX 171.5250	BLACKT1	14 Tone 1 (110.9)	
Tactical 3 Division/Group		RX 168.6000 TX 168.6000		NIFC TAC 3	5 Tone 4 (136.5)		Air to Ground	RX 165.4125 TX 165.4125	A/G CMD	12	
							Air to Ground	RX 169.6375 TX 169.6375	A/G TAC	13	
Prepared by (Resource Unit Leader) Roberta Lim (†)				Approved by (Planning Section Chief) 				Date 8/8/2014		Time 22:06	


DIVISION ASSIGNMENT LIST			1. Branch I		2. Division/Group C		
3. Incident Name Beaver			4. Operational Period DAY OPERATIONS				
			Date: 8/09/14		Time: 0600-1800		
5. Operations Personnel							
Operations Chief		Daren Dalrymple / Eric Petterson (†)		Division/Group Supervisor		Brandon Woodward / Mark Ploski (†)	
Branch Director		Carl Schwoppe		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	
HC1 Flagstaff (C-2)	Bill Kuche	8/14	22	N	DP 55 / 0700	1800	
HC2IA BIA EOA (C-20)	Scotty Kapepassah	8/20	20	N	DP 55 / 0700	1800	
ST 3660C (E-156)	Rich Simon / R. Lucius (†)	8/19	27	N	DP 55 / 0700	1800	
DOZ1 w/LOWB Industrial (E-131) 24hr	Steve Hagstrom	8/19	2	N	DP 55 / 0700	1800	
DOZ1 Bens (E-195)	Robert Burt	8/20	2	N	DP 55 / 0700	1800	
DOZ2 w/LOWB Humphery (E-93)	Ronald Humphery	8/19	1	N	DP 55 / 0700	1800	
DOZ2 KNF (E-179) 24 hr	Jason Murleen	8/14	2	N	DP 55 / 0700	1800	
MAST Bens (E-136)	Chad Glein	8/20	2	N	DP 55 / 0700	1800	
HEQB (O-190)	Blake Herman	8/15	1	N	DP 55 / 0700	1800	
HEQB (O-178)	Jon Maxwell	8/14	1	N	DP 55 / 0700	1800	
FOBS (O-141)	Peter Briant	8/20	1	N	DP 55 / 0700	1800	
FOBS (O-152)	Steve Siebert (†)	8/20	1	N	DP 55 / 0700	1800	
FEMP (O-225)	Mike Coley	8/17	1	N	DP 55 / 070	1800	
FEMT (O-229)	Charles Brown	8/17	1	N	DP 55 / 0700	1800	
7. Control Operations							
<ul style="list-style-type: none"> Scout and construct direct and indirect containment line. 							
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)	Alt. Command	RX 168.1750 TX 171.5250	BLACK TT	14 Tone 1 (110.9)
Tactical 1 Division/Group	RX 168.0500 TX 168.0500	NIFC TAC 1	4 Tone 4 (136.5)	Air to Ground	RX 165.4125 TX 165.4125	A/G CMD	12
				Air to Ground	RX 169.6375 TX 169.6375	A/G TAC	13
Prepared by (Resource Unit Leader)			Approved by (Planning Section Chief)			Date	Time
Roberta Lim (†)						8/8/2014	22:06


DIVISION ASSIGNMENT LIST			1. Branch I		2. Division/Group G / K (1 of 2)		
3. Incident Name Beaver			4. Operational Period DAY OPERATIONS Date: 8/09/14 Time: 0600-1800				
5. Operations Personnel							
Operations Chief		Daren Dalrymple / Eric Petterson (t)		Division/Group Supervisor		Scott Bovey / Todd Nightingale (t)	
Branch Director		Carl Schwopce		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	
HC1 Pioneer Peak (C-1)	Matt Jones	8/14	22	N	DP 46 / 0700	1800	
HC2 New Jersey 1 (C-28)	Trevor Raynor	8/19	20	N	DP 46 / 0700	1800	
HC2 Cobras 3 (C-15)	Keven Osborne	8/12	22	N	DP 46 / 0700	1800	
ENG3 Crazy Mt. Fire (E-13)	Robert Sheridan	8/15	3	N	DP 46 / 0700	1800	
ENG3 NM 316 (E-9)	James Gonzalez	8/16	3	N	DP 46 / 0700	1800	
ENG6 Mt. Adam 322 (E-147)	Don Holter	8/16	3	N	DP 46 / 0700	1800	
ENG6 Mt. Adam 324 (E-148)	Charles Newberry	8/16	3	N	DP 46 / 0700	1800	
DOZ1 w/LOWB CLT (E-129)	Scott Pines	8/19	1	N	DP 46 / 0700	1800	
DOZ2 w/LOWB CLT (E-127)	Brett Jones	8/19	1	N	DP 46 / 0700	1800	
DOZ2 w/LOWB CLT (E-128)	Joe Lopez	8/19	1	N	DP 46 / 0700	1800	
DOZ2 w/LOWB Bens (E-91)	Anthony Arnold	8/19	1	N	DP 46 / 0700	1800	
Feller Buncher w/LOWB CLT (E-130)	Padro Garcia	8/19	1	N	DP 46 / 0700	1800	
WT2 Darrah (E-122)	Dave Kaundart	8/18	1	N	DP 46 / 0700	1800	
WT2 Cattlelack 897 (E-4)	Virgil Hardy	8/14	1	N	DP 46 / 0700	1800	
7. Control Operations							
<ul style="list-style-type: none"> Continue indirect line construction 							
8. Special Instructions							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 166.6125 TX 168.4000	NFCC C4	1 Tone 4 (136.5)	Alt. Command	RX 168.1750 TX 171.5250	BLACK 11	14 Tone 1 (110.9)
Tactical 5 Division/Group	RX 167.1125 TX 167.1125	R5 TAC 5	10 Tone 4 (136.5)	Air to Ground	RX 165.4125 TX 165.4125	A/G CMD	12
				Air to Ground	RX 169.6375 TX 169.6375	A/G TAC	13
Prepared by (Resource Unit Leader)			Approved by (Planning Section Chief)			Date	Time
Roberta Lim (t)						8/8/2014	22:41

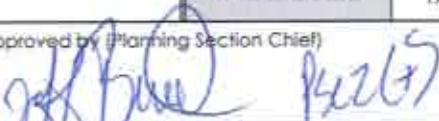
DIVISION ASSIGNMENT LIST			1. Branch I		2. Division/Group G / K (2 of 2)		
3. Incident Name Beaver			4. Operational Period DAY OPERATIONS				
			Date: 8/09/14		Time: 0600-1800		
5. Operations Personnel							
Operations Chief		Daren Dalrymple / Eric Petterson (t)			Division/Group Supervisor	Scott Bovey / Todd Nightingale (t)	
Branch Director		Carl Schwoppe			Air Operations	Dennis Kuster	
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Last Shift	Number Persons	Trans. Needed	Drop Off #1./Time	Pick Up PT./Time	
TFLD (O-15)	Daniel Morgan	8/16	1	N	DP 46 / 0700	1800	
TFLD (O-74)	Chris Barton (t)	8/16	1	N	DP 46 / 0700	1800	
TFLD (O-187)	Dwayne Anderson	8/21	1	N	DP 46 / 0700	1800	
HEQB (O-59)	Fed Privett	8/18	1	N	DP 46 / 0700	1800	
HEQB (O-67)	Robert Helsey (t)	8/18	1	N	DP 46 / 0700	1800	
HEQB (O-235)	Frank Redding	8/18	1	N	DP 46 / 0700	1800	
HEQB (O-68)	Stephen Williamson (t)	8/18	1	N	DP 46 / 0700	1800	
HEQB (O-62)	Derrick Miller (t)	8/18	1	N	DP 46 / 0700	1800	
SOFR (O-135)	Shannon Bowman	8/19	1	N	DP 46 / 0700	1800	
SOFR (O-138)	Thomas Donohoe	8/19	1	N	DP 46 / 0700	1800	
FEMP (O-99)	Scott Hamilton	8/18	1	N	DP 46 / 0700	1800	
FEMP (O-100)	Jeremy Billeaudeaux	8/18	1	N	DP 46 / 0700	1800	
7. Control Operations <ul style="list-style-type: none"> Continue indirect line construction. 							
8. Special Instructions							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 166.6125 TX 168.4000	NFC C4	1 Tone 4 (136.5)	Alt. Command	RX 168.1750 TX 171.5250	BLACKTI	14 Tone 1 (110.9)
Tactical 5 Division/Group	RX 167.1125 TX 167.1125	R5 TAC 5	10 Tone 4 (136.5)	Air to Ground	RX 165.4125 TX 165.4125	A/G CMD	12
				Air to Ground	RX 169.6375 TX 169.6375	A/G TAC	13
Prepared by (Resource Unit Leader) Roberta Lim (t)			Approved by (Planning Section Chief)			Date 8/8/2014	Time 22:42

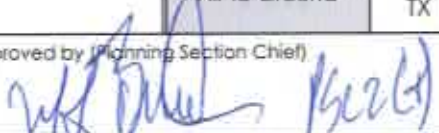
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3. Incident Name: Beaver			4. Operational Period DAY OPERATIONS				
			Date: 8/09/14		Time: 0600-1800		
5. Operations Personnel							
Operations Chief		Daren Dalrymple / Eric Petterson (t)		Division/Group Supervisor		Bryce Thomas / Jordan McKnight (t)	
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
HC21A Lost River (C-4)		Arron Vislits		8/14	20	N	DP 24 / 0700 1800
ENG6 Oasis 2 (E-145)		Pete Hawley		8/19	3	N	DP 24 / 0700 1800
ENG6 Oasis 1 (E-146)		Kent Smithart		8/19	3	N	DP 24 / 0700 1800
FELB (O-168)		Mario Marquez		8/13	1	N	DP 24 / 0700 1800
FALM (O-165)		Patrick Smith		8/20	2	N	DP 24 / 0700 1800
7. Control Operations							
<ul style="list-style-type: none"> Patrol and hold Beaver Creek Rd. and 47N01 Rd. 							
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, Command	RX 168.1750 TX 171.5250	BLACK TT	14 Tone 1 (110.9)
Tactical 5 Division/Group	RX 166.7250 TX 166.7250	NIFC TAC 5	6 Tone 4 (136.5)	Air to Ground	RX 165.4125 TX 165.4125	A/G CMD	12
				Air to Ground	RX 169.6375 TX 169.6375	A/G TAC	13
Prepared by (Resource Unit Leader)			Approved by (Planning Section Chief)			Date	Time
Roberta Lim (t)						8/8/2014	22:05

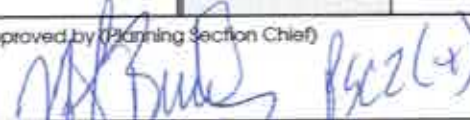
DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group Q / T		
3. Incident Name Beaver			4. Operational Period DAY OPERATIONS Date: 8/09/14 Time: 0600-1800				
5. Operations Personnel							
Operations Chief		Daren Dalrymple / Eric Petterson (t)		Division/Group Supervisor		Daniel Lindley	
Branch Director				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
DOZ1 w/LOWB Bens (E-134) 24hr		Tony Durrer	8/18	2	N	DP 24 / 0700	1800
DOZ2 w/LOWB G.T. Logging (E-85) 24hr		Gary Tickner	8/17	2	N	DP 24 / 0700	1800
DOZ2 w/ LOWB Carlson (E-87)		Jeff Reusze	8/16	2	N	DP 24 / 0700	1800
DOZ2 w/LOWB Bens (E-92)		Dwayne Haggatt	8/18	1	N	DP 24 / 0700	1800
DOZ2 w/LOWB Wycoff (E-84) 24hr		Larry Owen	8/18	2	N	DP 24 / 0700	1800
HEQB (O-176)		Nathan Carroll	8/18	1	N	DP 24 /0700	1800
HEQB (O-60)		Jacob Royse (t)	8/19	1	N	DP 24 / 0700	1800
HEQB (O-66)		Michael Frank (t)	8/17	1	N	DP 24 / 0700	1800
HEQB (O-65)		Joseph Hernandez (t)	8/18	1	N	DP 24 / 0700	1800
SOFR (O-134)		William Cirone	8/16	1	N	DP 24 / 0700	1800
FEMP (O-49)		Nick Warren	8/15	1	N	DP 24 / 0700	1800
FEMT (O-50)		Jason Barker	8/15	1	N	DP 24 / 0700	1800
7. Control Operations • Construct indirect line.							
8. Special Instructions							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
CMD	RX 166.6125 TX 168.4000	NIFC C4	1 Tone 4 (136.5)	Alt CMD	RX 168.1750 TX 171.5250	BLACK T1	14 Tone 1 (110.9)
Tactical 4 Division/Group	RX 168.5500 TX 168.5500	R5 TAC 4	9 Tone 4 (136.5)	Air to Ground	RX 165.4125 TX 165.4125	A/G CMD	12
				Air to Ground	RX 169.6375 TX 169.6375	A/G TAC	13
Prepared by (Resource Unit Leader) Roberta Lim (t)			Approved by (Planning Section Chief) 			Date 8/8/2014	Time 22:05

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group U (1 of 2)		
3. Incident Name Beaver			4. Operational Period DAY OPERATIONS				
			Date: 8/09/14		Time: 0600-1800		
5. Operations Personnel							
Operations Chief		Daren Dalrymple / Eric Petterson (t)			Division/Group Supervisor	Steve Raymer	
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
HC1 Tallack (C-35)		Aaron Grove	8/11	20	N	DP 8 / 0700	1800
HC1 Santa Fe (C-18)		David Simpson	8/15	20	N	DP 8 / 0700	1800
HC1 Inyo (C-34)		Glen Tingley	8/14	20	N	DP 8 / 0700	1800
HC2IA Arden Solutions (C-3)		Jason Sare	8/14	20	N	DP 8 / 0700	1800
ST 9232C (E-240)		Mike Deme	8/15	17	N	DP 8 / 0700	1800
ENG3 Perkins Tenders (E-12)		Tal Foley	8/15	3	N	DP 8 / 0700	1800
ENG6 UT-SWS 664 (E-204)		Spencer Rollo	8/21	2	N	DP 8 / 0700	1800
ENG6 UT-SWS 663 (E-203)		Paul Christensen	8/21	2	N	DP 8 / 0700	1800
ENG6 Leeds Br 151 (E-207)		Steven Lewis	8/21	2	N	DP 8 / 0700	1800
ENG6 Santa Clara Br 32 (E-206)		Gabe Runolfson	8/21	2	N	DP 8 / 0700	1800
ST 9250L				6	N	DP 8 / 0700	1800
DO22 2340				2	N	DP 8 / 0700	1800
7. Control Operations							
<ul style="list-style-type: none"> Construct direct and indirect dozer line. Hold and improve existing lines. 							
8. Special Instructions							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
CMD	RX 166.6125 TX 168.4000	NIFC C4	1 Tone 4 (136.5)	ALT CMD	RX 168.1750 TX 171.5250	BLACKT1	14 Tone 1 (110.9)
Tactical 7 Division/Group	RX 168.2500 TX 168.2500	NIFC TAC 7	8 Tone 4 (136.5)	Air to Ground	RX 165.4125 TX 165.4125	A/G CMD	12
				Air to Ground	RX 169.6375 TX 169.6375	A/G TAC	13
Prepared by (Resource Unit Leader)			Approved by (Planning Section Chief)			Date	Time
Roberta Lim (t)						8/8/2014	22:16

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group U (2 of 2)		
3. Incident Name Beaver			4. Operational Period DAY OPERATIONS				
			Date: 8/09/14		Time: 0600-1800		
5. Operations Personnel							
Operations Chief		Daren Dalrymple / Eric Petterson (†)			Division/Group Supervisor		Steve Raymer
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
WT2 Peters 2 (E-120) 24 hr		Doug Franklin		8/14	1	N	DP 8 / 0700
WT2 Darrah (E-29) 24 hr		Paul Gulducci		8/16	1	N	DP 8 / 0700
WT2 Darrah (E-121) 24 hr		Kevin Rickey		8/18	1	N	DP 8 / 0700
WT2 Cattlelack 085 (E-124)		Bob Buck		8/20	1	N	DP 8 / 0700
TFLD (O-164)		John Martinez		8/20	1	N	DP 8 / 0700
TFLD (O-180)		Wes Bentley		8/11	1	N	DP 8 / 0700
HEQB (O-177)		David Marbert		8/18	1	N	DP 8 / 0700
7. Control Operations							
<ul style="list-style-type: none"> Construct direct and indirect dozer line. Hold and improve existing lines. 							
8. Special Instructions							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
CMD	RX 166.6125 TX 168.4000	NIFC C4	1 Tone 4 (136.5)	ALT CMD	RX 168.1750 TX 171.5250	BLACKTI	14 Tone 1 (110.9)
Tactical 7 Division/Group	RX 168.2500 TX 168.2500	NIFC TAC 7	8 Tone 4 (136.5)	Air to Ground	RX 165.4125 TX 165.4125	A/G CMD	12
				Air to Ground	RX 169.6375 TX 169.6375	A/G TAC	13
Prepared by (Resource Unit Leader)			Approved by (Planning Section Chief)			Date	Time
Roberta Lim (†)						8/8/2014	22:03

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group V			
3. Incident Name Beaver			4. Operational Period Date: 8/09/14		DAY OPERATIONS Time: 0600-1800			
5. Operations Personnel								
Operations Chief		Daren Dalrymple / Eric Petterson (t)		Division/Group Supervisor		Tom Browning / Nick Pieper (t)		
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 West Virginia 1 (C-27)		Tim Casto		8/19	20	N	DP 5 / 0700	1800
ST 4102C (E-215)		Clint Carson / Clayton Thomas (t)		8/14	20	N	DP 5 / 0700	1800
ENG6 BR225 (E-150)		Mark Brinneman		8/20	3	N	DP 5 / 0700	1800
ENG6 8868		Greg Perry		8/14	3	N	DP 5 / 0700	1800
WT2 Cattlelack 713 (E-3)		Eric Head		8/21	1	N	DP 5 / 0700	1800
WT2 Shasta Brown (E-48)		John Zurbler		8/16	1	N	DP 5 / 0700	1800
FALM Pro Faller Plus (O-214)		Tracy Porter / Pat Campbell		8/21	1	N	DP 5 / 0700	1800
SOFR (O-139)		Kim Lemke		8/16	1	N	DP 5 / 0700	1800
7. Control Operations								
<ul style="list-style-type: none"> Provide structure protection along Hwy 96 east of and including Beaver Creek Rd. 								
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)	All Command	RX 168.1750 TX 171.5250	BLACKT1	14 Tone 1 (110.9)	
Tactical 6 Division/Group	RX 166.7750 TX 166.7750	NIFC TAC 6	7 Tone 4 (136.5)	Air to Ground	RX 165.4125 TX 165.4125	A/G CMD	12	
				Air to Ground	RX 169.6375 TX 169.6375	A/G TAC	13	
Prepared by (Resource Unit Leader)			Approved by (Planning Section Chief)			Date	Time	
Roberta Lim (t)						8/8/2014	21:37	

DIVISION ASSIGNMENT LIST			1. Branch I		2. Division/Group W (1 of 2)		
3. Incident Name Beaver			4. Operational Period DAY OPERATIONS Date: 8/09/14 Time: 0600-1800				
5. Operations Personnel							
Operations Chief		Daren Dalrymple / Eric Petterson (t)		Division/Group Supervisor		Demello / Berg (t)	
Branch Director		Carl Schwope		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 CAC #2 (C-29)	Donald R. Weis	8/19	20	N	DP 95 / 0700	1800	
ENG3 A1 Fire 16 (E-15)	Aaron Franz	8/15	3	N	DP 95 / 0700	1800	
ENG3 Work Horse 5 (E-1)	Ben Steele	8/14	3	N	DP 95 / 0700	1800	
ENG3 Quick Response (E-14)	Daren	8/15	3	N	DP 95 / 0700	1800	
ENG3 Shiloh BR3 (E-8)	Ronald Thalacker	8/16	3	N	DP 95 / 0700	1800	
ENG3 Castle Mt. Fire (E-2)	Jill Benton	8/16	3	N	DP 95 / 0700	1800	
ENG3 Lyon 31 (E-222)	Mark Secrist	8/16	3	N	DP 95 / 0700	1800	
ENG6 CCD 3665 (E-202)	Sean Cardinal	8/21	3	N	DP 95 / 0700	1800	
WT1 Allied Water (E-5)	Hank Boudreau	8/15	1	N	DP 95 / 0700	1800	
WT2 Darrah Logging (E-52) 24Hr	John Carlton	8/16	1	N	DP 95 / 0700	1800	
WT2 Tobiasson (E-4)	Raynold Tobiasson	8/13	1	N	DP 95 / 0700	1800	
WT2 White (E-2)	Thomas White	8/14	1	N	DP 95 / 0700	1800	
WT2 Hurlimann (E-30)	Mark Hurlimann	8/16	1	N	DP 95 / 0700	1800	
WT2 Darrah (E-123)	Tammy Andrews	8/17	1	N	DP 95 / 0700	1800	
WT2 Johnson Trucking (E-3)	Matt Johnson	8/16	1	N	DP 95 / 0700	1800	
WT Darrah Logging (E-51)	Ken Hove	8/16	1	N	DP 95 / 0700	1800	
LOWB Winson Construction (E-177) 24hr	David Fauset	8/20	1	N	DP 95 / 0700	1800	
7. Control Operations							
<ul style="list-style-type: none"> • Hold and mop up existing containment lines. • Provide structure protection. 							
8. Special Instructions							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
CMD	RX 166.6125 TX 168.4000	NIFC C4	1 Tone 4 (136.5)	Air CMD	RX 168.1750 TX 171.5250	BLACK T1	14 Tone 1 (110.9)
Tactical 6 Division/Group	RX 168.2375 TX 168.2375	RS TAC 6	11 Tone 4 (136.5)	Air to Ground	RX 165.4125 TX 165.4125	A/G CMD	12
				Air to Ground	RX 169.6375 TX 169.6375	A/G TAC	13
Prepared by (Resource Unit Leader) Roberta Lim (t)			Approved by (Planning Section Chief) 			Date 8/8/2014	Time 21:27

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group Road Group		
3. Incident Name Beaver			4. Operational Period DAY OPERATIONS				
			Date: 8/09/14		Time: 0600-1800		
5. Operations Personnel							
Operations Chief		Daren Dalrymple / Eric Petterson (†)			Division/Group Supervisor	John Fell	
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
WT2 Leter Buck (E-246)		Steven L. Lassen Jr.	8/22	1	N	Quarry Base / 0700	1800
WT2 Cattaneo 9 (E-248)		Kelly Kennemore	8/21	1	N	Quarry Base / 0700	1800
WT2 Cattaneo 11 (E-247)		Richard Johnson	8/22	1	N	Quarry Base / 0700	1800
WT2 Cattaneo 8 (E-249)		Jonathan Swartz	8/21	1	N	Quarry Base / 0700	1800
WT2 Valley Timber (E-250)		Gale Reichlan	8/21	1	N	Quarry Base / 0700	1800
GRDR Darrah (E-225)		Keith Darrah	8/20	1	N	Quarry Base / 0700	1800
7. Control Operations							
<ul style="list-style-type: none"> Report to Division Supervisor for assignment. 							
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)	Alt. Command	RX 168.1750 TX 171.5250	BLACK TT	14 Tone 1 (110.9)
Tactical Division/Group				Air to Ground	RX 165.4125 TX 165.4125	A/G CMD	12
				Air to Ground	RX 169.6375 TX 169.6375	A/G TAC	13
Prepared by (Resource Unit Leader)			Approved by (Planning Section Chief)			Date	Time
Roberta Lim (†)						8/8/2014	22:28

INCIDENT RADIO COMMUNICATIONS PLAN

1. Incident Name: **BEAVER**

2. Date/Time Prepared: **8/8/2014 21:00**

3. Operational Period Date/Time: **08/09/2014 0600 - 1800**

4. Basic Radio Channel Utilization
 Mode: W-Wideband Analog, W-Narrowband Analog, D-Digital, M-Mixed

Channel	Function	Frequency	Tone	Mode	Assignment	Remarks
1	NIFC C4	RX: 166.6125 TX: 168.4000	4.0	N	CMD	Tone 4 (136.5) Buckhorn Bailly LO "Link to C11, C41"
2	NIFC C11	RX: 170.6875 TX: 166.5750	4.0	N	CMD 11	Tone 4 (136.5) Collis Baldy LO "Link to C4, C41" Travel and Camp
3	NIFC C41	RX: 169.3875 TX: 166.6000	4.0	N	CMD 41	Tone 4 (136.5) Craggy Mtn "Link to C4, C11"
4	NIFC TAC 1	RX: 169.0500 TX: 168.0500	4.0	N	DIV C	Tone 4 (136.5)
5	NIFC TAC 3	RX: 168.6000 TX: 168.6000	4.0	N	DIV A	Tone 4 (136.5)
6	NIFC TAC 5	RX: 166.7250 TX: 166.7250	4.0	N	DIVs L/P	Tone 4 (136.5)
7	NIFC TAC 6	RX: 166.7750 TX: 166.7750	4.0	N	DIV V	Tone 4 (136.5)
8	NIFC TAC 7	RX: 168.2500 TX: 168.2500	4.0	N	DIV U	Tone 4 (136.5)
9	R5 TAC 4	RX: 168.5500 TX: 168.5500	4.0	N	DIV Q/T	Tone 4 (136.5)
10	R5 TAC 5	RX: 167.1125 TX: 167.1125	4.0	N	DIVs G/K	Tone 4 (136.5)
11	R5 TAC 6	RX: 168.2375 TX: 168.2375	4.0	N	DIV W	Tone 4 (136.5)
12	A/G CMD	RX: 165.4125 TX: 165.4125		N	All DIVs	Air to Ground CMD
13	A/G TAC	RX: 169.6375 TX: 169.6375		N	All DIVs	Air to Ground TAC
14	BLACK T1	RX: 168.1750 TX: 171.5250	1.0	N	All CMD	Tone 1 (110.9) Mase Mt
15	CALCORD	RX: 156.0750 TX: 156.0750	6.0	N	Medical	Tone 6 (156.7)
16	AirGuard	RX: 168.6250 TX: 168.6250	1.0	N	EMERGENCY	Tone 1 (110.9)

5. Prepared by (Communications Unit) **Radio 5**

D Stoner

INCIDENT RISK ANALYSIS
Beaver CA-KNF-005497
(ICS 215A) Day Shift

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES	
ALL	DRY FUEL CONDITIONS	<ul style="list-style-type: none"> • Establish and maintain LCES • Anticipate intense burning and rapid rates of spread • Watch for spot fires • Allow for adequate time to escape routes and safety zones 	
DIVS L, U, W	MOP-UP	<ul style="list-style-type: none"> • Conduct thorough briefing for all personnel (inside rear cover IRPG) • Use all required PPE, including eye protection • Maintain proper spacing and overhead clearance • Be alert for hazard trees, stump holes, and ash pits • Minimize exposure to smoke, and rotate personnel into clean air when practical • Evaluate unburned islands/increase situational awareness 	
DIVS A, V	STRUCTURE PROTECTION	<ul style="list-style-type: none"> • Review Structure Protection; IRPG pages 12-16 • Do not commit to stay on a structure unless the area around the structure represents an adequate safety zone • Set trigger points to disengage and allow adequate time to relocate to primary and secondary safety zones • Look for propane tanks and other hazardous materials 	
ALL	TRAFFIC & DRIVING	<ul style="list-style-type: none"> • Practice "Defensive Driving" techniques • Use spotters when backing • Always use headlights • Use warning lights when working on roads or traveling in smoke • Observe posted speed limits • Maintain safe following distance from vehicles in front of you • Use chock blocks, turn wheels into hill 	
DIVS G/K, Q/T	INDIRECT LINE CONSTRUCTION	<ul style="list-style-type: none"> • Establish and maintain LCES. • Locate line in favorable location, lighter fuels and gentler topography when possible. • Utilize natural or existing barriers. • If possible burn out or backfire as line construction progresses. 	
ALL	AIR OPERATIONS	<ul style="list-style-type: none"> • Follow " Aviation Watch-Out Situations" on page 44, IRPG • Don't plan on air resources for medical transport or resupply • Refer to page 57, IRPG for directing bucket drops • Ensure positive communication with all air resources 	
ALL	HEAT RELATED ILLNESS (HRI) & DEHYDRATION	<ul style="list-style-type: none"> • Drink 2 to 1 water to sports drinks. • Take Frequent breaks, minimum of 10 minutes every hour • Recognize symptoms of HEAT RELATED ILLNESS which include <ul style="list-style-type: none"> • Lack of energy, Headaches, dizziness, lack of rest, no hunger, poor eating habits, hot skin, and lack of sweating 	
DIVS A, C, G/K, Q/T, U, V	FIRING OPERATIONS	<ul style="list-style-type: none"> • A written guideline shall be prepared and approved for 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). 	
DIVS A, C, G/K, Q/T, U	HEAVY EQUIPMENT OPERATIONS	<ul style="list-style-type: none"> • Ensure communications are established with operators • Use hand signals if other communications are unavailable • Maintain a 50'-100' exclusion area around equipment • Use a spotter when backing 	
ALL	STEEP TERRAIN & ROLLING DEBRIS	<ul style="list-style-type: none"> • Maintain 8'-10' spacing when working & walking • Don't work above any personnel • Evaluate necessity to send personnel in areas with limited access 	
ALL	HAZARD TREES	<ul style="list-style-type: none"> • Follow "Hazard Tree Safety" guidelines, IRPG pages 22 • Post lookouts, or use a spotter in mop-up areas with personnel • Don't park vehicles or take breaks in high concentrations of hazard trees • Establish trigger points for disengagement during high wind events" 	
INCIDENT NAME: Beaver ICS 215a		DATE PREPARED: <p style="text-align: center;">August 8, 2014</p> TIME PREPARED: 2030 HOURS	OPERATIONAL PERIOD Day Shift 08/09/2014 0600-1800 Prepared by S. Davis

Lookouts
Communications
Escape Routes
Safety Zones

Beaver Incident

Operation Period: 08/9/2014 Day Shift

SAFETY MESSAGE

COMMON DENOMINATORS OF FIRE BEHAVIOR ON TRAGEDY FIRES

1. On relatively small fires or deceptively quiet areas of large fires.
2. In relatively light fuels, such as grass and brush.
3. When there is an unexpected shift in the wind direction and/or speed.
4. When the fire responds to topographic conditions and runs uphill.

MAJOR HAZARDS AND RISKS

DRY FUELS FIRE BEHAVIOR HAZARD TREES	SPOT FIRES INDIRECT FIRELINE STRUCTURES	HEAVY EQUIPMENT STEEP TERRAIN FIRING OPERATIONS
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Be sure all elements of your safety plan are in place prior to engagement

Directing Bucket Drop

- Give the pilot your general location, the DIV you are in, or a landmark.
- Finalize your location
 - Pilots perspective clock position*
 - Prominent landmark*
 - Position on slope*
 - Use a mirror
 - Utilize panels or flagging*
- Describe your target and your intent.
- Know the pilots intentions prior to the drop and clear the area of ground personnel.
- Give the pilot feedback.

HAZARD TREE SAFETY

- Eliminate hazard trees with qualified sawyers.
- Flag areas & individual trees.
- Modify fireline location to avoid the hazard.
- Keep clear of hazardous trees when using helicopter bucket drops.
- High winds increase the hazard to firefighters.
- Adequately communicate hazards to all personnel.

MEDICAL PLAN (ICS 206 WF)

1. Incident Name: BEAVER FIRE		2. Operational Period:		Date From 08/09/2014	Date To 08/09/2014				
				Time From 0600	Time To 1800				
3. Ambulance Services:									
Name	Complete Address	Phone / Frequency	Advanced Life Support (ALS)						
			YES	NO					
Medical Unit	I.C.P.	NIFC C4	XX						
Div. C FEMP and FEMT	Div. C	Per Comm. Plan, NIFC C4	XX						
Div. G/K FEMP and FEMP	Div. G/K	Per Comm. Plan, NIFC C4	XX						
Div. L FEMP and FEMT	Div. L	Per Comm. Plan, NIFC C4	XX						
Div. T Line FEMP and FEMT	Div. Q/T	Per Comm. Plan, NIFC C4	XX						
Div. W FEMP and FEMT	Div. W	Per Comm. Plan, NIFC C4	XX						
Happy Camp Medic 21	Klamath River Community	NIFC C4		XX					
Front Line Medical	Quarry Camp	N/A	XX						
4. Air Ambulance Services:									
Name	Phone	Type of Aircraft & Capability							
Mercy Flights	530-842-3515	BO-105 1 Patient ETA 20 Min, Night Ops							
REACH Helicopter	530-842-3515	Bell 407 1 Patient ETA 50 Min							
PHI Redding	530-842-3515	EC-135 1 Patient ETA 50 Min							
C.H.P.	530-841-6008	Hoist Capable							
5. Hospitals:									
Name Complete Address	GPS Datum - WGS 84 Coordinate Standard Degrees Decimal Minutes DD° MM.MMM' N - Lat DD° MM.MMM' N - Long		Travel Time		Phone	Helipad		Level of Care Facility	
	Lat:	Long:	Air	Gnd		Yes	No		
Fairchild Medical Center 444 Bruce St. Yreka, Ca. 96097	Lat:	41 43.198	15 Min	30 Min	ER: 530-841-6292	XX		Level 4 Trauma	
	Long:	122 38.76							
	VHF:								
Mercy Medical Center Mt. Shasta 914 Pine St. Mt. Shasta, Ca. 96067	Lat:	41 15.48	45 Min	1 Hour	530-926-6111	XX		Level 3 Trauma	
	Long:	122 16.15							
	VHF:								
Rogue Valley Medical Center 2825 Barnett Rd Medford, Or. 97504	Lat:	42 19.08	15 Min	55 Min	ER: 541-789-7100	XX		Level 3 Trauma	
	Long:	122 49.91							
	VHF:								
U.C. Davis Medical Center 2315 Stockton Blvd. Sacramento, Ca.	Lat:	38 33.14	1 Hour 45 Min	4 Hour 45 Min	916-734-2011	XX		Level 1 Trauma	
	Long:	121 27.26							
	VHF:								
6. Branch Division/Group - Area Location Capability									
1	Branch	EMS Responders and Capability	FEMP Coley and FEMP Brown						
		Equipment Available on Scene	ALS Gear						
		Medical Emergency Channel	CALCORD						
		ETA for Ambulance to Scene:							
		Air:	20 Minutes						
C	Division/Group	Ground	20 Minutes						
		Approved Helispot							
		Lat:							
		Long:							

Branch 1	EMS Responders and Capability	FEMP Hamilton and FEMP Billeaudeaux
	Equipment Available on Scene	ALS Gear
	Medical Emergency Channel	CALCORD
	ETA for Ambulance to Scene:	
	Air:	20 Minutes
Division/Group G	Ground	20 Minutes
	Approved Helispot	
	Lat:	
	Long:	

6. Branch Division/Group – Area Location Capability (con't)		
Branch 1	EMS Responders and Capability	FEMP Miller and FEMT McElhannon
	Equipment Available on Scene	ALS Gear
	Medical Emergency Channel	CALCORD
	ETA for Ambulance to Scene:	
	Air:	20 Minutes
Division/Group L	Ground	20 Minutes
	Approved Helispot	
	Lat:	
	Long:	
Branch	EMS Responders and Capability	FEMP Barker and FEMT Warren
	Equipment Available on Scene	ALS Gear
	Medical Emergency Channel	CALCORD
	ETA for Ambulance to Scene:	
	Air:	20 Minutes
Division/Group T	Ground	30 Minutes
	Approved Helispot	
	Lat:	
	Long:	
Branch	EMS Responders and Capability	FEMP Schroth and FEMT Wakefield
	Equipment Available on Scene	ALS Gear
	Medical Emergency Channel	CALCORD
	ETA for Ambulance to Scene:	
	Air:	20 Minutes
Division/Group W	Ground	10 Minutes
	Approved Helispot	
	Lat:	
	Long:	
Division/Group Division A	ETA Ground:	20 Minutes
	ETA Air:	20 Minutes
	Medical Emergency Channel	CALCORD
Division P	ETA Ground:	30 Minutes
	ETA Air:	20 Minutes
	Medical Emergency Channel	CALCORD

Division Q	ETA Ground:	40 Minutes
	ETA Air:	20 Minutes
	Medical Emergency Channel	CALCORD
Division U/V	ETA Ground:	20 Minutes
	ETA Air:	20 Minutes
	Medical Emergency Channel	CALCORD

7. Remote Camp Location(s)			
8. Prepared by: (Medical Unit Leader)	9. Date / Time	10. Prepared by: (Safety Officer)	11. Date / Time
Patrick Young MEDL (T)	08/08/2014 @2000	Steve Davis SOF 2	08/08/2014 2200
ICS 206 WF	IAP Page		

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

1. CONTACT COMMUNICATIONS/DISPATCH

Ex: "Communications, Div. Alpha. Stand-by for Priority Medical Incident Report." (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 patient. This is only a brief, initial assessment. Provide additional patient info after completing this 9 Line Report.

Number of Patients:	Male / Female	Age:	Weight:
Conscious? <input type="checkbox"/> YES <input type="checkbox"/> NO = MEDEVAC!			
Breathing? <input type="checkbox"/> YES <input type="checkbox"/> NO = MEDEVAC!			
Mechanism of Injury: What caused the injury?			
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"/> URGENT-RED Life threatening injury or illness. Ex: Unconscious, difficulty breathing, bleeding severely, 2 nd - 3 rd burns more than 4 palm sizes, heat stroke, disoriented.	Ambulance or MEDEVAC helicopter. Evacuation need is IMMEDIATE.
<input type="checkbox"/> PRIORITY-YELLOW Serious injury or illness. Ex: Significant trauma, not able to walk, 2 nd - 3 rd burns not more than 1-2 palm sizes.	Ambulance or consider air transport if at remote location. Evacuation may be DELAYED.
<input type="checkbox"/> ROUTINE-GREEN Not a life threatening injury or illness. Ex: Sprains, strains, minor heat-related illness.	Non-Emergency. Evacuation considered Routine of Convenience.

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:

- | | | |
|--|--------------------------------------|--|
| <input type="checkbox"/> Paramedic/EMT(s) | <input type="checkbox"/> Crew(s) | <input type="checkbox"/> SKED/Backboard/C-Collar |
| <input type="checkbox"/> Burn Sheet(s) | <input type="checkbox"/> Oxygen | <input type="checkbox"/> Trauma Bag |
| <input type="checkbox"/> Medication(s) | <input type="checkbox"/> IV/Fluid(s) | <input type="checkbox"/> Cardiac Monitor/AED |
| <input type="checkbox"/> Other (i.e. splints, rope rescue, wheeled litter) | | |

7. 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:	

8. CONTINGENCY:

AIR OPERATIONS SUMMARY

Prepared By: Dennis Kuster

Prepared Date: 8/8 /2014

Prepared Time: 21:30

1. INCIDENT NAME: Beaver.	2. OPS PERIOD DATE: 8/9/2014	START TIME: 0800	END TIME: 2100	SUNRISE: 0612	SUNSET: 2020
3. REMARKS (Safety Notes, Hazards, Air Operations, Special Equipment, etc.): Watch for wires in river canyon. Beware of rapidly changing VFR conditions due to smoke. H-1 41° 54.232, 122° 56.255, 6480' Hellwell location 41° 54.123 122° 56.428 4680'			4. READY ALERT AIRCRAFT MEDEVAC- I.A. - 502, 503		5. TFR #: 4/9177 Altitude: 10,000' MSL Radius: 7 nm Frequency: 118.300 Center Pt. 41 55.5 122 51.6 approximate center

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	118.300		AIRTANKERS - Ordered by ATGS
ASGS	Stad Dickson	530-277-5153	AIR/ AIR RW			LEAD PLANES- Ordered by ATGS
ASGS(T)	Jim Gould	530-598-4132	AIR/ AIR RW- FF		167.150	AA 85L Beaver AA112 July Complex AA6PJ
ATGS	Jason Withrow	530-206-6955				AA05 KNF/Relief AA17 KNF/Relief
HLCO	Ken Craw	559-358-7120	A/G Command		165.4125 169.6375	
HEB1	Jason Hofman	970-549-7996	A/G Tactical			Plan
HEB1(T)	Ira Graves	707-327-7554	COMMAND			
Hellbase	Scott Valley	530-468-1294	DECK		168.350	Yreka ECC Aircraft Dispatcher 530-841-4600
			TOLC		120.200	
Air Ops Desk		530-496-1523	AERIAL FIRING		169.0875	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
7BH	Y	S70 Firehawk	Scott Valley	0800				Y	July Complex	Scott Valley
HT 743	1	S64F	Scott Valley	0800			502	2	Bell 205	Scott Valley
N216PJ	2	Bell 214B	Scott Valley	0800			514	2	Bell 212HP	Scott Valley
610WW	2	Bell 210	Scott Valley	0800			2WM	1	Karmax	Scott Valley
911CV	3	Astar B3	Scott Valley	0800			HT734	1	S64	Scott Valley
503	3	Bell 407	Scott Valley	0800			58468	2	Bell 205	
							8PJ	3	Bell 407	

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		
Hellspot Approval					As Needed		
					As Needed		

Incident Training Program

Trainee/ Mentor Activities

The following contains information for both the trainee and trainer/ evaluator regarding the Incident Training Program. The information is intended to assist you in planning your incident activities.

1. Trainee and Mentor/ Evaluator register with the Training Specialist (TNSP)
2. It is only necessary to follow up with the TNSP during your assignment if you have any significant issues... ie: Changes in assignment/trainer, problems with the assignment etc.
3. The trainer and evaluator must "close-out" with the TNSP prior to DEMOB. The close out process involves:
 - The Trainer completing an Individual Performance Evaluation (ICS 225 or 226)
 - The Trainee will complete an Exit Interview form. Forms are available at the TNSP desk.
 - The evaluator should have all work completed in the position task book at the time the training assignment close-out including a recommendation as to the outcome of the assignment, ie; recommend certification, needs more assignments.
4. If you reach a point that as much work has been done in the position task book as possible, on this incident, you may perform the close-out process with the TNSP saving you time and a potential wait in line at time of DEMOB.
5. Pay close attention to TNSP IAP messages and briefing announcements concerning time lines and issues regarding the Incident Training Program.

TENDER/DOZER
PARKING

TENDER/DOZER
PARKING

OVERFLOW
SLEEP

CREW
SLEEPING

CREW SLEEPING



SUPPLY

CREW/ENGINE
PARKING

CREW SLEEPING

DAY
SLEEPING

VEHICLE
IN SPO
CTIONS

GROUND
SUPPORT

SHOWERS

LT. VEHICLE
PARKING

CREW
PHONES

BRIEFING
LAVATORY

KITCHEN

LT VEHICLE
PARKING

QUARRY
BASE
CAMP

HYDRO

R. DAVIS FACULTY
8-8-14

