

0.11/12/14

Incident Action Plan

Beaver Fire

CA-KNF-005497

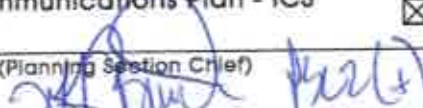
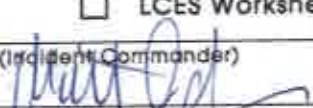
P5H93T (0505)



Night Shift

08/09/14 – 08/10/14

1800 - 0600

INCIDENT OBJECTIVES	1. Incident Name Beaver	2. Date 8/9/2014	3. Time 11:57
4. Operational Period 08/09/2014 - 08/10/2014 1800 - 0600			
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			
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 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 - 8/10/2014 Time: 1800 To 0600	
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 Shippelhoue
Information Officer	Adrienne Freeman / Corey Wilford (t) Andrea Capps (t)		
Safety Officer	Steve Davis / Terry O'Connel / Shelby Charley / James Courtright(t)	Branch	
4. Agency/Organization Representatives:		Division/Group	A / C Escobedo / Willy (t)
Agency Administrator	Patty Grantham	Division/Group	Q Varnedoe / Halleran (t)
Agency Admin Rep.	Lance Noxon	Division/Group	T Jewers / Delay (t)
Fruitgrowers Timber	Terry Salvestro	Division/Group	U Davis / Munn (t)
Michigan Cal	Chris Chase	Division/Group	V / W Webb
County OES	Ron Quigley	Division/Group	G / K / L / P Unstaffed
Siskiyou Co. Sheriff	Corporal Weed	Division/Group	
Cal Fire	Steve Curley	Division/Group	
CalTrans	Ryan Gomes	Division/Group	
IARR	Lauren Mies / Mitch Bouchonville	Branch	
CAL OES	Art Torres	Division/Group	
5. Planning Section:		Division/Group	
Chief	Patrick Farrell	Division/Group	
Deputy	Jeff Buscher (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 / Jim Gould (t)
Supply Unit	Tracey Valentine	Air Tactical Group Supervisor	Jason Withrow
Facilities Unit	Quarry Base Camp - Ric Crowther ICP - Bill Patton	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		Date/Time: 08/06/14 1230	
IAP Page		Signature <i>Roberta Lim</i>	



INCIDENT Weather Forecast

FORECAST NO: 12

NAME OF FIRE: Beaver Fire

PREDICTION FOR: Saturday NIGHT Shift

UNIT: Klamath National Forest

SHIFT DATE: August 9, 2014

SIGNED: Andy Haner/Tim Sedlock (T)

TIME AND DATE

Incident Meteorologists

FORECAST ISSUED: 08/09/2014 at 1100 PDT

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

WEATHER DISCUSSION: Conditions will remain seasonably warm and dry tonight. North-northwest winds early this evening will settle down late, leaving light downslope and downvalley winds overnight. On Sunday, a weak upper level low near the Bay area will draw monsoon moisture into northwest California, posing the possibility of scattered late afternoon and evening lightning storms (mixed wet/dry).

WEATHER FORECAST:

Tonight:

Weather: Partly cloudy.

Low Temperature... 54-59

Max RH..... Fair Recovery...53-63%

20-FOOT WINDS:

Canyons..... Beaver Creek this evening... North-northwest 8-12 mph with gusts to 20 mph. 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:

*****Thunderstorms imply strong gusty and erratic winds*****

Weather: Partly cloudy with scattered late afternoon and evening showers and thunderstorms.

High Temperature... 92-97 canyon bottom, 82-87 mid-upper slopes (Little change from Saturday)

Min RH..... 16-21% canyon bottoms, 24-30% high elevations (Little Change from Saturday)

20-FOOT WINDS:

Canyons..... Light in the morning, becoming upslope/upcanyon 6-9 mph early in the afternoon.

Ridgetop..... East wind 3-6 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 through Monday night.

The weak low pressure near the Bay Area on Monday will move onshore on Tuesday and weaken. Southeast flow aloft will draw monsoon moisture into northwest California, posing the possibility of a significant lightning event on Monday. Thunderstorm risk will slowly diminish on Tuesday with dry conditions returning for Wednesday.

.Monday through Wednesday...Mostly cloudy with Scattered Showers and Thunderstorms at any time Monday and Monday night. Decreasing storm chances on Tuesday with isolated coverage. Lows 58-64. Highs 91-96 canyon bottom, 81-86 mid-upper slopes. Min RH 15-25% canyon bottoms, 23-33% ridges. North-northwest wind up to 12 mph, peaking during the late afternoon and evening with gusts near 20 mph.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 16

TYPE OF FIRE: Wildland Fire

FIRE NAME: Beaver

OPERATIONAL PERIOD:
Aug. 9, 1800 – Aug. 10, 2014, 0600

DATE ISSUED: August 9, 2014

TIME ISSUED: 1100

UNIT: Klamath NF

SIGNED: /s/ Ken Larson, FBAN

INPUTS

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

Discussion:

Conditions will remain seasonably warm and dry tonight. N-NW winds early this evening will settle down late becoming light downslope and downvalley overnight. Expect skies to become partly cloudy.

Min Temp: 54-59°

Max RH: 53-63%

LAL: 1 (No Lightning)

20' Winds (Canyons): Beaver Creek N-NW 8-12 mph gusts to 20 mph decreasing late. Elsewhere downslope/down Canyon 2-6 mph.

(Ridgetop): North-northwest 8-12 mph evening then easing to 2-4 mph after midnight.

FIRE BEHAVIOR

GENERAL

Critical dry fuel conditions continue due to persistent hot and dry weather. Energy Release Component for both Oak Knoll and Collins Baldy RAWS have climbed back above 90th percentile weather conditions and are approaching the 97th percentile. August 8 Oak Knoll ERC: 72; Collins Baldy ERC: 72.

Local Fuel Moisture Measurements: 1000 hour fuel moisture < 7% (Down 1% from 7/15)
Live Fuel Moisture < 78% (Down 20% from 7/15).

Fire behavior becomes active as the inversion breaks by 1500 and fire activity is well established entering the operational period. The burn period lasts into the early morning hours of the shift until approximately 0300 hours. Continued fire spread has been observed even with humidity near 70%. Expected early evening spread rates 8-10 ch/hr in timber fuels and up to 40 ch/hr in brush. Any crown fire activity will increase spotting resulting in an increase in rate of spread and flame lengths/heights. Flame lengths 8 to 15 feet. Rates of spread becomes < 2 ch/hr with < 2 foot flame lengths overnight into the morning hours.

Early in the shift, expect spotting distances up to 1/3 mile with Probability of Ignition near 60-70%. As humidity increases through the night spot distance should reduce to less than 1/10 mile with < 20% Probability of Ignition.

SPECIFIC FIRE BEHAVIOR

Division A/C: Fire in Doggett Creek continues to spread slowly (less than 20 ch/day) upslope toward Christmas Tree and Buckhorn ridges and downslope/down canyon later in the day. The N-NW winds are adding to fire spread downslope/down canyon in Doggett Creek due to spotting ahead of the main fire. Downslope winds anticipated after dark will slow spread to < 1 ch/hr overnight. Rollout remains a concern on steep slopes.

Divisions Q/T/U: Anticipate the potential for increased activity in the Fishtrap Creek area early until the N-NW winds subside. Rollout remains a concern on all steep slopes. Continued upslope movement possible toward dozer lines near the Division T/U break with up to 9 ch/hr where wind/slope align if direct line is breached. Spread rates will decrease with downslope winds late.

Division W/V: Grass and small shrubs along the Highway should assist with modifying fire activity with increasing moisture content in fine fuels late into the night. Continued smoldering activity will continue along Hwy 96 with downhill spread where uncontrolled line remains. Hwy 96 in Division V may impacted due to rollout.

AIR OPERATIONS

Aircraft use should not be impaired late afternoon/early evening. With N-NW winds forecasted, the west flank will have best visibility. 08/08 Sunset: 20:20 08/09 Sunrise: 06:13

SAFETY

Most fire activity has been occurring late afternoon-early evening: during the middle of shift change. Ensure when making the transition from day to night you get a thorough briefing of current conditions and locations of problem areas. Relaying tactical operations underway is crucial to ensure a smooth, safe transition.

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.

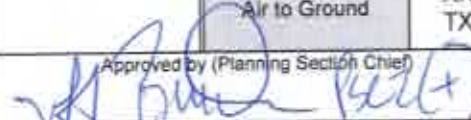
Concerns to Firefighters:

- **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:

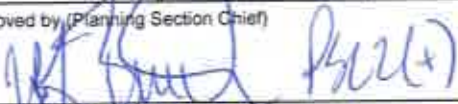
- Firefighters should acknowledge and prepare for fire growth and fire behavior that may exceed anything they have experienced before due to the extreme drought. **Normal strategies and tactics may need to be adjusted to account for the drought factor.** Suppression actions need to be based on good anchor 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		2. Division/Group A / C		
3. Incident Name Beaver		4. Operational Period NIGHT OPERATIONS Date: 8/09/14 – 8/10/14 Time: 1800 - 0600				
5. Operations Personnel						
Operations Chief	Dan George		Division/Group Supervisor	Daniel Escobedo / Ed Willy (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
HC1 Valermo IHC (C-32)	Jeff Locke	8/13	19	N	DP 88 / 1900	0600
HC2 PNF OC19 (C-25)	Zac Stockdale	8/17	20	N	DP 88 / 1900	0600
ST 5076B (E-96) 24hr	Matt Watson	8/18	17	N	DP 88 / 1900	0600
ENG3 NDF Brush 24 (E-112)	John Pitts	8/17	4	N	DP 88 / 1900	0600
ENG3 American Wildfire (E-7)	Jeff Stanovich	8/17	3	N	DP 88 / 1900	0600
DOZ2 KNF (E-179) 24hr	Lance Tupman	8/14	3	N	DP 88 / 1900	0600
DOZ1 w/ LOWB McCullough Construction (E-132) 24hr	Brandon Hux	8/18	2	N	DP 88 / 1900	0600
DOZ1 w/ LOWB Industrial Defense (E-131) 24hr	Scott Harvey	8/19	2	N	DP 88 / 1900	0600
DOZ2 w/ LOWB North State (E-133) 24hr	Kevin Son	8/19	2	N	DP 88 / 1900	0600
DOZ2 w/LOWB SJH Timber (E-197) 24hr	Don Schnetzer	8/21	2	N	DP 88 / 1900	0600
DOZ2 w/LOWB SJH Timber (E-198) 24 hr	Cody Bickle	8/21	2	N	DP 88 / 1900	0600
WT2 Darrah Logging (E-52) 24hr	Gary Quinones	8/16	1	N	DP 88 / 1900	0600
HEQB (O-64)	William Dunk (t)	8/12	1	N	DP 88 / 1900	0600
HEQB (O-12)	Joe Sayers	8/14	1	N	DP 88 / 1900	0600
HEQB (O-13)	Travis Greco	8/18	1	N	DP 88 / 1900	0600
HEQB (O-61)	Kenneth Burns (t)	8/18	1	N	DP 88 / 1900	0600
SOF2 (O-136)	James Rittenhouse	8/19	1	N	DP 88 / 1900	0600
FEMP (O-226)	Scott Gehr	8/15	1	N	DP 88 / 1900	0600
FEMT (O-201)	Brian Jones	8/21	1	N	DP 88 / 1900	0600
7. Control Operations						
<ul style="list-style-type: none"> Construct direct and indirect line. Hold and mop up. 						
8. Special Instructions						
9. Division/Group Communication Summary						
CMD	RX 168.6125 TX 168.4000	NIFC C4	1 Tone 4 (136.5)	Air CMD	RX 168.1750 TX 171.5250	BLACK T1 CH14 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 (t)		Approved by (Planning Section Chief) 			8/9/2014	11:25

DIVISION ASSIGNMENT LIST				1. Branch		2. Division/Group T		
3. Incident Name Beaver				4. Operational Period NIGHT OPERATIONS				
				Date: 8/09/14 – 8/10/14		Time: 1800 - 0600		
5. Operations Personnel								
Operations Chief		Dan George		Division/Group Supervisor		Greg Jewers / Mike Delay (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
HC1 Diamond Mt. IHC (C-33)		Dan Varney		8/13	20	N	DP 16 / 1900	0600
HC2 Inyo Crew 4 (C-41)		Mark Fogg / Craig Bunce (t)		8/13	20	N	DP 16 / 1900	0600
ENG3 KNF 25 (E-212)		Jesus Valenzuela		8/13	9	N	DP 16 / 1900	0600
ENG3 SRF 33 (224)		Bryan Lanning		8/14	5	N	DP 16 / 1900	0600
DOZ2 w/LOWB Wycoff (E-84) 24hr		Larry Owen		8/18	2	N	DP 16 / 1900	0600
WT2 Darrah (E-28) 24hr		Rick Resh		8/16	1	N	DP 16 / 1900	0600
FEMP (O-227)		Tony Garcia		8/18	1	N	DP 16 / 1900	0600
FEMT (O-228)		Mark Ali		8/14	1	N	DP 16 / 1900	0600
7. Control Operations								
<ul style="list-style-type: none"> Continue direct and indirect fireline. Hold and mop up. 								
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	CH14 Tone 1 (110.9)	
Tactical 4 Division/Group	RX 166.5500 TX 166.5500	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) <i>Rah Faul PSC2</i>		Date 8/9/2014		Time 14:37

DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group U			
3. Incident Name Beaver		4. Operational Period NIGHT OPERATIONS Date: 8/09/14 – 8/10/14 Time: 1800 - 0600					
5. Operations Personnel							
Operations Chief	Dan George		Division/Group Supervisor	Frank Davis / Heather Munn (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	
HC1 American River IHC (C-16)	Adam Leyba	8/18	20	N	DP 16 / 1900	0600	
HC2IA Hoopa 1 (C-19)	Rocky Colegrove / Nels Nelson (t)	8/19	20	N	DP 16 / 1900	0600	
ST 9232C (E-240) 24hr	Mike Deme	8/15	17	N	DP 16 / 1900	0600	
ENG6 Mt. Adams Wildfire (E-149)	Paula Holter	8/19	3	N	DP 16 / 1900	0600	
ENG3 PNF 16 (E-182)	Dustin Langston	8/20	5	N	DP 16 / 1900	0600	
ENG6 Fairview 8 (E-205)	Grover Allrer	8/21	3	N	DP 16 / 1900	0600	
ST 9250L (E-280) 24hr	Don Graham	8/19	6	N	DP 16 / 1900	0600	
DOZ2 2340 (E-281) 24hr	Jeffrey Besotes	8/19	2	N	DP 16 / 1900	0600	
DOZ1 w/LOWB Ben's (E-134) 24hr	Boise Lawrence	8/18	2	N	DP 16 / 1900	0600	
DOZ2 w/LOWB GT Logging (E-85) 24hr	Gerral Still	8/17	2	N	DP 16 / 1900	0600	
WT2 Darrah Logging (E-29) 24hr	Paul Guiducci	8/16	1	N	DP 16 / 1900	0600	
WT2 Peters (O-120) 24hr	Bill Schmidt	8/14	1	N	DP 16 / 1900	0600	
WT2 Darrah (E-121) 24hr	Dave Orr	8/18	1	N	DP 16 / 1900	0600	
HEQB (O-163)	Mark South	8/18	1	N	DP 16 / 1900	0600	
HEQB (O-154)	Adam Ziegler	8/21	1	N	DP 16 / 1900	0600	
HEQB (O-188)	Hans Neiderberger	8/17	1	N	DP 16 / 1900	0600	
SOFR (O-200)	Bruce Macdonald	8/18	1	N	DP 16 / 1900	0600	
FEMP (O-70)	Ryan Fischer	8/16	1	N	DP 16 / 1900	0600	
FEMT (O-72)	Tim Hudson	8/16	1	N	DP 16 / 1900	0600	
7. Control Operations <ul style="list-style-type: none"> Continue direct and indirect fireline. Hold and mop up. 							
8. Special Instructions							
9. Division/Group Communication Summary							
CMD	RX 166.6125 TX 168.4000	NIFC C4	1 Tone 4 (136.5)	All CMD	RX 168.1750 TX 171.5250	BLACK T1 CH14 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) Roberta Lim (t)		Approved by (Planning Section Chief) 			Date 8/9/2014	Time 12:39	

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group V / W		
3. Incident Name Beaver			4. Operational Period Date: 8/09/14 – 8/10/14		4. Operational Period NIGHT OPERATIONS Time: 1800 - 0600		
5. Operations Personnel							
Operations Chief		Dan George			Division/Group Supervisor		Glenn Webb
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	
TF ENF 1 (E-180)	Michael Loeffler / Stephen Clifford (t)	8/20	25	N	DP 97 / 1900	0600	
ST 4054C (E-216) 24hr	Scott Mullin	8/15	18	N	DP 97 / 1900	0600	
WT2 Peter 1 (E-119)	Jay Sandahl	8/14	1	N	DP 97 / 1900	0600	
WT2 Winsor (E-177) 24hr	Greg Donnahoe	8/20	1	N	DP 97 / 1900	0600	
7. Control Operations							
<ul style="list-style-type: none"> Provide structure protection along Hwy 96. Patrol Beaver Creek. 							
8. Special Instructions							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
CMD	RX 168.6125 TX 168.4000	NIFC C4	1 Tone 4 (136.5)	Alt CMD	RX 168.1750 TX 171.5250	BLACK T1	CH14 Tone 1 (110.9)
Tactical 5 Division/Group	RX 167.1125 TX 167.1125	RS 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 8/9/2014	Time 12:56

DIVISION ASSIGNMENT LIST		1. Branch	2. Division/Group G / K / L / P				
3. Incident Name Beaver		4. Operational Period Date: 8/09/14 – 8/10/14			NIGHT OPERATIONS Time: 1800 - 0600		
5. Operations Personnel							
Operations Chief	Dan George		Division/Group Supervisor	Unstaffed			
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	
Unstaffed							
7. Control Operations •							
8. Special Instructions • Day resources in Division G / K will spike overnight at DP 46.							
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	CH14 Tone 1 (110.9)
Tactical Division/Group				Air to Ground			
Prepared by (Resource Unit Leader) Roberta Lim (l)			Approved by (Planning Section Chief) 		Date 8/9/2014	Time 13:35	

INCIDENT RADIO COMMUNICATIONS PLAN 1. Incident Name: BEAVER 2. Date/ Time Prepared: 8/8/14 10:30 3. Operational Period Date/Time: 08/09 - 10/20/14 1800 - 0600

4. Basic Radio Channel Utilization
 Mode: Modulation: Analog, B-Hardware and Analog, D-Digital, M-Mixed

Channel	Function	Frequency	Tone	Mode	Assignment	Remarks
1	NIFC C4	RX 166.6125 TX 168.4000	4.0 4.0	N	CMD	Tone 4 (136.5) Buckhorn Bailly LO ("Link to C11, C41")
2	NIFC C11	RX 170.6875 TX 168.5750	4.0 4.0	N	CMD 11	Tone 4 (136.5) Calls Baldy LO ("Link to C4, C41 Travel & Camp")
3	NIFC C41	RX 169.3875 TX 168.6000	4.0 4.0	N	CMD 41	Tone 4 (136.5) Craggy Min Link to (C4, C11)
4	NIFC TAC 1	RX 168.0500 TX 168.0500	4.0 4.0	N	Unassigned	Tone 4 (136.5)
5	NIFC TAC 3	RX 168.6000 TX 168.6000	4.0 4.0	N	DIV's A/C	Tone 4 (136.5)
6	NIFC TAC 5	RX 166.7250 TX 166.7250	4.0 4.0	N	DIV Q	Tone 4 (136.5)
7	NIFC TAC 6	RX 166.7750 TX 166.7750	4.0 4.0	N	Unassigned	Tone 4 (136.5)
8	NIFC TAC 7	RX 168.2500 TX 168.2500	4.0 4.0	N	DIV U	Tone 4 (136.5)
9	R5 TAC 4	RX 166.5500 TX 166.5500	4.0 4.0	N	DIV T	Tone 4 (136.5)
10	R5 TAC 5	RX 167.1125 TX 167.1125	4.0 4.0	N	DIV's V/W	Tone 4 (136.5)
11	R5 TAC 6	RX 168.2375 TX 168.2375	4.0 4.0	N	Unassigned	Tone 4 (136.5)
12	AVG CMD	RX 165.4125 TX 165.4125		N	All DIV's	Air to Ground CMD
13	AVG TAC	RX 169.6375 TX 169.6375		N	All DIV's	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 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 V5
 D Stoner

INCIDENT RISK ANALYSIS

Beaver CA-KNF-005497

(ICS 215A) Night 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 A/C, V/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 stump holes and root cavities Minimize exposure to smoke, and rotate personnel into clean air when practical Evaluate unburned islands/increase situational awareness 	
DIVS A, V/W	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 A/C, Q, T, U	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	ENVIRONMENTAL HAZARDS	<ul style="list-style-type: none"> Be alert for snakes, watch footing and hand placement around rocks Check yourself for ticks, watch for bees and other insects that bite Be alert for bears, cougars, and other wildlife Watch for poison oak, seek treatment at MEDL if exposed 	
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 ALL	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, 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 9, 2014</p> TIME PREPARED: 0800 HOURS	OPERATIONAL PERIOD Night Shift 08/09/2014 1800-0600 Prepared by S. Davis

Lookouts
Communications
Escape Routes
Safety Zones

Beaver Incident

Operation Period: 08/9/2014 Night 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

Driving at Night

- **Unfamiliar Roads;** have a map package, receive a good briefing, and ask if you don't know.
- **Change in Weather Conditions;** roads can become slick when wet or washed out by heavy rains.
- **Changes in Road Surface;** reduce speeds when driving on gravel roads.
- **Vehicle Size & Weight;** drive slower on mountain roads, vehicle stopping distances are greater.
- **Changes in Lighting;** sight distances are shorter after dark.
- **Dusk & Dawn;** clean your windshield
- **Fatigue & Stress;** drivers should be well rested and not distracted.

Hazard Trees & Your Work Area

- **Strong winds** can dislodge limbs, tree tops and uproot fire weakened trees.
- **Night Operations** increase the hazard because of reduced visibility at night.
- **Steep Slopes** may have a greater number of fire damaged trees.
- **Disease or bug-kill timber**
- **Trees and duff** have been burning for extended periods
- **Numerous down trees, dead or broken top, and accumulation of down limbs** should cause you to be heads up.
- **Leaning or hung-up trees,** flag these and communicate the location of the hazard.

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

MEDICAL PLAN (ICS 206 WF)

1. Incident Name: BEAVER FIRE	2. Operational Period:	Date From 08/09/2014	Date To 08/10/2014
		Time From 1800	Time To 0600

3. Ambulance Services:				
Name	Complete Address	Phone / Frequency	Advanced Life Support (ALS)	
			YES	NO
Medical Unit	ICP	NIFC C4	XX	
Div. A/C	Div. A/C	Per Comm. Plan, NIFC C4	XX	
Div. T FEMP and FEMT	Div T	Per Comm. Plan, NIFC C4	XX	
Div. U FEMP and FEMT	Div U	Per Comm. Plan, NIFC C4	XX	
Happy Camp Medic21	ICP	NIFC C4		XX
Frontline Medical	ICP	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	4 Hour	916-734-2011	XX		Level 1 Trauma Burn Center
	Long:	121 27.26						
	VHF:							

6. Branch Division/Group – Area Location Capability		
Division/Group A/C	EMS Responders and Capability	FEMP Gehr and FEMP Jones
	Equipment Available on Scene	ALS Gear and Equipment
	Medical Emergency Channel	CALCORD
	ETA for Ambulance to Scene:	
	Air:	20 Minutes
	Ground	20 Minutes
	Approved Helispot	
	Lat: Long:	
Division/Group T	EMS Responders and Capability	FEMP Garcia and FEMT Ali
	Equipment Available on Scene	ALS Gear and Equipment
	Medical Emergency Channel	CALCORD
	ETA for Ambulance to Scene:	
	Air:	20 Minutes
	Ground	40 Minutes
	Approved Helispot	
	Lat: Long:	

Division/Group U	EMS Responders and Capability	FEMP Fischer and FEMP Hudson
	Equipment Available on Scene	ALS Gear and Equipment
	Medical Emergency Channel	CALCORD
	ETA for Ambulance to Scene:	
	Air:	20 Minutes
	Ground	20 Minutes
	Approved Helispot	
	Lat:	
	Long:	

6. Branch Division/Group – Area Location Capability (con't)			
Division/Group			
Div. Q	ETA for Ambulance to Scene:		
	Air:	20 Minutes	
	Ground	50 Minutes	
VW	Medical Emergency Channel	CALCORD	
	ETA for Ambulance to Scene:		
	Air:	20 Minutes	
	Ground	20 Minutes	
	Medical Emergency Channel	CALCORD	
	ETA for Ambulance to Scene:		
	Air:	Minutes	
	Ground	Minutes	
	Medical Emergency Channel	CALCORD	
8. Prepared by: (Medical Unit Leader)		9. Date / Time	10. Prepared by: (Safety Officer)
Patrick Young MEDL (T)		08/09/2014 @1100	Steve Davis SOF 2
ICS 206 WF	IAP Page		11. Date / Time
			08/09/2014 1100

Medical Incident Report

FOR ALL MEDICAL EMERGENCIES: IDENTIFY ON SCENE INCIDENT COMMANDER BY NAME AND POSITION AND ANNOUNCE "MEDICAL EMERGENCY" TO INITIATE RESPONSE FROM IMT COMMUNICATIONS/DISPATCH.

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		<i>Describe the injury (Ex: Broken leg with bleeding)</i>
Incident Name		<i>Geographic Name + "Medical" (Ex: Trout Meadow Medical)</i>
Incident Commander		<i>Name of IC</i>
Patient Care		<i>Name of Care Provider (Ex: EMT Smith)</i>

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: <i>What caused the injury?</i>			
Lat/Long (Datum WGS84) <i>Ex: N 40° 42.45' x W 123° 03.24'</i>			

4. SEVERITY OF EMERGENCY, TRANSPORT PRIORITY

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

TRAINING SPECIALIST MESSAGE

All Federal, State, and Local Government trainees who have not already done so, need to register their assignment with the TNSP's.

The TNSP is located in the ICP with Plans.

A TNSP Desk is available at Quarry Base next to the Medical Trailer. Training Registration Forms and a "Drop Box" are available at the Quarry Base TNSP Desk.

A TNSP will staff the Quarry Base Desk:

1000 to 1200
2000 to 2130

TNSP Contact Phone Numbers
Brad Smith – 925-872-8562
Brian Lamphier – 707-489-2895

Brad Smith

Brian Lamphier (t)

Training Specialists

TENDER/DOZER
PARKING

TENDER/DOZER
PARKING

OVERFLOW
SLEEP

CREW
SLEEPING

CREW SLEEPING



CREW SLEEPING

CREW/ENGINE
PARKING

DAY
SLEEPING

QUARRY
BASE
CAMP

VEHICLE
IN SPS
CTIONS

SUPPLY

GROUND
SUPPORT

CREW
PHONES

HOVER
GIG

MEDICAL

SHOWERS

LAUNDRY

BRIEFING

LT. VEHICLE
PARKING

KITCHEN

LT VEHICLE
PARKING

P. DAVIS FACULTY
8.8.14

