

Incident Action Plan

Lost Fire

CA-NOD-003373

PDG4Z9



NIGHT SHIFT

Friday-Saturday, August 10-11, 2012

1800-0600

INCIDENT OBJECTIVES	1. Incident Name Lost	2. Date 08/10/2012	3. Time 1230
4. Operational Period 08/10-11/2012 1800-0600			
5. General Control Objectives for the Incident (include alternatives) MANAGEMENT OBJECTIVES <ul style="list-style-type: none"> • Provide for firefighter and public safety in all incident operations. • Minimize the impacts and potential loss of service to the Los Angeles Department of Water and Power's main transmission line. • Identify critical values at risk and be prepared to take advantage of opportunities to protect those values with the appropriate resources at the appropriate time. • Ensure that expenditures are commensurate with values to be protected. OPERATIONAL PRIORITIES <p>Priority 1 – Prevent fire from moving west by improving the Yellow Rock Canyon Road (Boundary Road) and along the Wilderness boundary to Grassy Corral area.</p> <p>Priority 2 – Prevent fire from crossing the 34 road from DP3 to Willow Creek. Evaluate options to also use the Denio Camp road system to check the fire spread in that area.</p> <p>Priority 3 – Prevent fire from entering the High Rock Wilderness by improving the Willow Creek Road from Willow Creek Reservoir to High Rock Lake area. Evaluate options to check and hold advancing fire along this road.</p>			
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 type="checkbox"/> Traffic Plan <input checked="" type="checkbox"/> LCES Worksheet			
9. Prepared by (Planning Section Chief)		10. Approved by (Incident Commander)	



Lost Fire Incident Weather Forecast

FORECAST NO: 3 N
PREDICTION FOR: Fri Night / Sat Morning Shift
SHIFT DATE: Aug 10-11, 2012
FORECAST ISSUED: 1000 Aug 10, 2012

NAME OF FIRE: Lost Fire
UNIT: BLM/NOD
Incident Meteorologist: Jeff Tonkin

RED FLAG WARNING REMAINS IN EFFECT

WEATHER DISCUSSION:

Strong high pressure will maintain extreme fire weather conditions across the region. A very dry and unstable atmosphere along with gusty southwest winds can be expected each day through the weekend. Monsoonal moisture and the threat of thunderstorms will remain east of the fire area but light cumulus and higher clouds can be expected. A better threat of thunderstorm activity will occur on Sun/Mon.

WEATHER FORECAST TONIGHT (FRIDAY NIGHT SHIFT):

WEATHER: Partly cloudy.
MIN TEMPERATURES: 62 – 66
MAX HUMIDITY: 20 – 25%
WINDS (EYE LEVEL):

1800 - 2200 PDT: West and Southwest 6 to 11 mph...Gusts 16 – 21 mph.

2200 – 0600 PDT: Northwest 4 to 8 mph...Gusts to 15 mph. All wind diminishing to Variable 2 to 4 mph around 0300 PDT.

** Possible wind shift late tonight into early Sat. Winds possibly shifting to North and Northeast and gusty from around midnight to sunrise. Wind speeds ranging from 8 to 15 mph with gusts to 20 mph. If these winds materialize they should begin to diminish around sunrise. **

STABILITY / INVERSION: Very Unstable...Haines 5-6.

WEATHER FORECAST FOR SATURDAY NIGHT:

WEATHER: Partly Cloudy.
MIN TEMPERATURES: 58 to 62.
MAX HUMIDITY: 23-26%.
WINDS (EYE LEVEL): West and Southwest 8 to 13 mph, gusts 20 – 25 mph until 2200. Shifting to the Northeast 3 to 6 mph, gusts to 10 to 15 mph possible through sunrise.

OUTLOOK FOR SUNDAY NIGHT: A chance of isolated dry thunderstorms. Temps: 55 to 60. RH: 25-30% Wind: Light and variable 1 to 2 mph.

EXTENDED FORECAST FOR MONDAY THROUGH WEDNESDAY: Chance of dry thunderstorms Monday...then wetter Tuesday and Wednesday. Slightly cooler and a slight increase in RH. Daytime West winds 7 to 12 mph. Max Temps...87-90. Min RH 15-20%.

<u>Observations from Last Night (Thursday Night):</u>	<u>Min T</u>	<u>Max RH</u>	<u>Wind Dir.</u>	<u>Wind Speed / Gust</u>
Juniper Springs RAWS (5348 ft) :	61	12%	NW	2-3 / 5

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 8	TYPE OF FIRE: Wildland Fire
FIRE NAME: Lost	OPERATIONAL PERIOD: 1800-0600 08/10-11/2012
DATE ISSUED: August 10, 2012	TIME ISSUED: 1100
UNIT: CA-BLM-NOD-Surprise Field Office	SIGNED: /s/ Ken Larson FBAN

WEATHER SUMMARY: See attached Fire Weather Forecast

Strong high pressure will maintain extreme fire weather conditions across the region. A very dry and unstable atmosphere along with gusty southwest winds can be expected each day through the weekend.

Min. Temp: 62-66°

Max. RH: 20-25%

Winds (Eye level):

1900-2200: West and Southwest 6-11 mph, gusts 16-21

2200-0600: NW 4-8 mph with gusts to 15. Diminishing to variable 2-4 around 0300

Stability/inversion: Very unstable, Haines 5-6

FIRE BEHAVIOR

General Fire Behavior for the Lost:

For general sustained winds expected on the fire this evening (until around 2200) anticipate a ROS of 30-35 chains/hour with a flame length of 12-14 feet in drainages and in intermediate sagebrush. Worst-case fire behavior exhibited during anticipated wind gusts include a ROS of 75-80 chains/hour and flame length could exceed 20 feet.

In the sparse low sage areas expect a rate of spread 15-20 chains/hour with a flame length of 4-6 feet.

Probability of ignition will reach 90-100% during the evening. Spotting distance could be up to ½ mile.

After 2200 expect a decrease in fire behavior in intermediate sagebrush to a ROS of 15-25 chains/hour and flame length 9-10 feet decreasing further to a ROS to 10 chains/hour and flame length 2-5 feet after midnight. Probability of ignition 60%. Spotting distance short range less than 1/10 mile.

AIR OPERATIONS

Smoke should not impact air operations on the fire.

08/10 Sunset: 20:06 08/11 Sunrise: 06:05

SAFETY

Use good black for Safety Zones. Travel is difficult in this terrain. Keep escape routes short.

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group A/C/E/G/K		
3. Incident Name LOST			4. Operational Period NIGHT OPERATIONS Date: 08/10-11/2012 Time: 1800-0600				
5. Operations Personnel							
Operations Chief		Dan George		Division/Group Supervisor		Tom Browning	
Branch Director				Air Attack Supervisor			
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	
EMTP (O-75)	Alan Duggan	8/22	1	N	DP 1		
EMTP (O-20)	Frank Abel	8/22	1	N	DP 1		
HC2 OC 6 (C-2)	A. Jimenez B. Wheeler(t)	8/18	20	N	DP 1		
ENG6 AZ-ASF 13 (E-12)	Matt Bustamante	8/20	3	N	DP 1		
WT2 Oiler 822 (E-21)	Chad Oilar	8/20	1	N	DP 1		
7. Control Operations <ul style="list-style-type: none"> • Patrol 							
8. Special Instructions							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command NIFC C2	RX 168.1000 Tx 170.4500		9 Tone 2 Hayes Peak	Command NIFC C9	RX 170.0125 Tx 165.2500		10 Tone 2 Badger Mountain
Tactical Div/Group NIFC TAC 1	Rx 168.0500 Tx 168.0500		1	Air to Ground	Rx 166.9125 Tx 166.9125		7
Prepared by (Resource Unit Leader)		Approved by (Planning Section Chief)			Date 08/10/2012		Time 1230

DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group T/V/X/Z			
3. Incident Name LOST		4. Operational Period NIGHT OPERATIONS Date: 08/10-11/2012 Time: 1800-0600					
5. Operations Personnel							
Operations Chief	Dan George		Division/Group Supervisor		B. Spielman / J. Brunk(t)		
Branch Director			Air Attack Supervisor				
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	
EMTP (O-72)	Wes Long	8/16	1	N	DP3		
EMTB (O-78)	Mike Cowgill	8/22	1	N	DP3		
HC2 BDF Big Horn 2 (C-4)	Emanuel Torres	8/22	22	N	DP3		
ENG3 TNF-32 (E-58)	Chris McCandless	8/16	5	N	DP3		
7. Control Operations <ul style="list-style-type: none"> • Patrol 							
8. Special Instructions							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command NIFC C2	RX 168.1000 Tx 170.4500		9 Tone 2 Hayes Peak	Command NIFC C9	RX 170.0125 Tx 165.2500		10 Tone 2 Badger Mountain
Tactical Div/Group NIFC TAC 3	Rx 168.6000 Tx 168.6000		3	Air to Ground	Rx 166.9125 Tx 166.9125		7
Prepared by (Resource Unit Leader)		Approved by (Planning Section Chief)		Date		Time	
				08/10/2012		1230	

AIR OPERATIONS SUMMARY

Prepared By: Dennis Kuster Prepared Date: 8/9/2012

Prepared Time: 21:30

1. INCIDENT NAME: Lost	2. OPS PERIOD DATE: 8/10/2012	START TIME: 0700	END TIME: 2100	SUNRISE: 0605	SUNSET: 2006
3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.): Be aware of MAJOR power lines running north to south through middle of the fire AA17 is only Air Attack assigned so may there be periods when it is not over the fire.			4. READY ALERT AIRCRAFT MEDEVAC- I.A.- H553	5. TFR #: 2/5805 Polygon To 9,000 MSL	

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			AIRTANKERS – Available at 0900 On order
ASGS (T)	Staci Dickson	530-277-5153	AIR/ AIR RW- FF	119.0500	168.5375	LEAD PLANES-
ATGS	Sean Aidukas	530-913-8198	AIR/ GROUND		166.9125	ATGS AIRCRAFT- AA17
ATGS (T)	Beth Melville					
ATGS			COMMAND	See Comm Plan		
HLCO						
HEB2	Bjorn Burgeson	530-310-3549	DECK		163.100	
HEB1			TOLC			
						OTHER FW AIRCRAFT-

9. HELICOPTERS (Use Additional Sheets as Necessary)

FAA N#	T Y	MAKE/ MODEL	BASE	AVAIL	START	REMARKS	FAA N#	T Y	MAKE/ MODEL	BASE	AVAIL	START	REMARKS
553	3	Bell 407	Cedarville	0800									
2EA	3	Bell 206	Cedarville	0800									
77W	2	UH1H	Cedarville	0800									
510	2	Bell 212HP	Cedarville	0800									

10. TASK/ MISSION/ ASSIGNMENT (Type/ function includes: Air Tactical, Retardant, Recon, Personnel Transport, Bucket Operations, SAR, etc.)

TYPE/FUNCTION	NAME OF PERSONNEL OR CARGO (If applicable) or instructions for tactical aircraft	MISSION START	FLY FROM	FLY TO
Water Dropping		As Needed	Cedarville	Fire
Recon	553 & 2EA	As Needed		
IR & Mapping	2EA	As Needed		

INCIDENT RISK ANALYSIS
Lost Incident
(ICS 215A) Night Shift

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES	
ALL	DRIVING HAZARDS	<ul style="list-style-type: none"> • Narrow dusty roads exist. • Establish one-way traffic or coordinate traffic flow if necessary. • Drive defensively! Expect the unexpected around every curve. • Drive with headlights on, use chock blocks, keep windshields clean, look before backing, and use backers whenever available. • Don't drive when fatigued. Adhere to agency driving regulations and guidelines. • Maintain Situational Awareness. 	
ALL	HYDRATION	<ul style="list-style-type: none"> • Drinking water before, during and after shifts, up to 1.5 gal. per shift. • Be alert for signs of heat disorder in yourself and others. • Drink water to electrolyte/sports drink 2 to 1 ratio. 	
ALL	ENVIRONMENTAL HAZARDS	<ul style="list-style-type: none"> • Be alert for rattlesnakes, watch footing and hand placement around rocks. • Be alert for wildlife: Cattle, Wild Horses, Pronghorn Antelope and Badgers. 	
ALL,	STEEP TERRAIN AND ROLLING MATERIAL	<ul style="list-style-type: none"> • Watch your footing, take your time. • Ensure adequate spacing between crewmembers. • Post lookouts to warn of rolling debris. 	
DIV A, C, E, Z	HIGH VOLTAGE POWER LINES	<ul style="list-style-type: none"> • Smoke can conduct electricity, stay 150' clear of lines and towers in heavy smoke. • Do not operate heavy equipment under power lines. • Do not park under power lines. • Always maintain 35 feet distance from transmission towers. • Watch for fallen power lines, stay 200' away, notify your supervisor. • Follow power line safety guide in the IRPG page 22. 	
ALL	MOP UP OPERATIONS	<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, root cavities, and ash pits. • Minimize exposure to smoke and dust. • Evaluate unburned islands/increase situational awareness. 	
INCIDENT NAME: Lost Incident ICS 215a		DATE PREPARED: <p style="text-align: center;">August 10, 2012</p>	OPERATIONAL PERIOD 08/10-11/12 Night Shift 1800-0600 Prepared by S. Davis (t) T. O'Connell R. Heinbockel
		TIME PREPARED: 0845 HOURS	

Lookouts Communications Escape Routes Safety Zones	Lost Incident Operation Period: 08/10-11/2012 Night Shift 1800-0600
	Emphasis on Leadership

Crew Safety Is Dependent Upon Competent And Confident Leadership

Every Incident Supervisor Has The Responsibility To Confirm That Safe Practices Are Known And Observed

- **TAKE CHARGE** of assigned resources
- **MOTIVATE** crew members with a “can do” safety attitude
- **DEMONSTRATE INITIATE** by taking action in the absence of orders
- **COMMUNICATE** by giving specific instructions and asking for feedback
 - **SUPERVISE** at the scene of the action

MAJOR HAZARDS AND RISKS

STEEP ROCKY TERRAIN LONG DRIVE TIMES FATIGUE	RATTLESNAKES COMPLACENCY DEHYDRATION	HEAVY EQUIPMENT POWER LINES SPOT FIRES
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Be sure all elements of your safety plan are in place prior to engagement

Stay Hydrated

Drink fluids before, during, and after the shifts.

For every 2 bottles of water, drink 1 bottle of Gatorade.

At 2% dehydration, performance will fall off by 10-20% and is the #1 trigger of fatigue.

Complacency

Don't let boredom lead to complacency.

Remain focused on the task at hand and alert at all times for changing conditions.

It is easy to fall into a routine and lose sight of all that is around us.

INCIDENT RADIO COMMUNICATIONS PLAN ICS FORM 205	1. INCIDENT NAME	2. DATE/TIME PREPARED	3. OPERATIONAL PERIOD	4. DATE
	LOST	8/10/2012 10:30	NIGHT 1800-0600	

4. BASIC RADIO CHANNEL UTILIZATION

Ch #	Channel Name	Assignment	RX Frequency Narrowband (N) Wideband (W)		RX Tone/NAC	TX Frequency Narrowband (N) Wideband (W)		TX Tone/NAC	Mode Digital (D) Analog (A) Mixed (M)	Remarks
1	NIFC TAC 1	DIVISION A/C/E/G/K	168.0500	N		168.0500	N		A	
2	NIFC TAC 2	UNASSIGNED	168.2000	N		168.2000	N		A	
3	NIFC TAC 3	DIVISION T/V/X/Z	168.6000	N		168.6000	N		A	
4	FS R5 TAC 4	UNASSIGNED	166.5500	N		166.5500	N		A	
5	FS R5 TAC 5	UNASSIGNED	167.1125	N		167.1125	N		A	
6	FS R5 TAC 6	UNASSIGNED	168.2375	N		168.2375	N		A	
7	A-2-G	AIR TO GROUND	166.9125	N		166.9125	N		A	
8	CALCORD	MEDICAL	156.0750	W		156.0750	W		A	MEDICAL EMERGENCY
9	NIFC C2	CMD C2 HAYES PK	168.1000	N		170.4500	N		A	TONE 2 (123.0) HAYES PK LNKD TO C9/C45 N 41° 17.763' W 119° 54.650'
10	NIFC C9	CMD C9 BADGER MTN	170.0125	N		165.2500	N		A	TONE 2 (123.0) BADGER MTN LNKD TO C2/C45 N 41° 36.946' W 119° 19.991'
11	NIFC C45	UNASSIGNED	164.8375	N		172.1375	N		A	TONE 2 (123.0) FOX MTN LNKD TO C2/C9 N 41° 01.3175' W 119° 33.30'
12				N			N		A	
13	BLM FIRE	ALT COMMAND	171.6250	N		164.2500	N		A	TONE 1 (110.9) FOX MTN TONE 2 (123.0) 49 MTN TONE 6 (156.7) PAYNE PK
14	AIR GUARD	ALL DIVISIONS	168.6250	N		168.6250	N	110.9	A	AIR TO GROUND EMERGENCY ONLY
15										
16	AIR GUARD	ALL DIVISIONS	168.6250	N		168.6250	N	110.9	A	AIR TO GROUND EMERGENCY ONLY

Prepared By **Jim Lewis INCM**

MEDICAL PLAN	1. INCIDENT NAME: LOST	2. DATE PREPARED: 08/10/12	3. TIME PREPARED: 0700	4. OPERATIONAL PERIOD NIGHT 08/10-11/2012 1800-0600
	5. INCIDENT MEDICAL AID STATIONS			

MEDICAL AID STATIONS		LOCATION		PARAMEDICS	
Medical Unit	Base Camp	530-260-7554	X		

6. TRANSPORTATION

A. Ambulance Services

NAME	LOCATION	PHONE	PARAMEDICS	
			YES	NO
Surprise Hospital District Ambulance Service	Cedarville	530-233-4410		X
Modoc Medical Center	Alturas	530-233-4410	X	

B. AIR AMBULANCE

NAME	TRAVEL TIME	LOCATION		PARAMEDICS	
Raven-Day & Night hoist	1 hr.	Stead, NV	775-785-4630		X
Mountain Life Flight	35 min	710 Ash St. Susanville, CA	530-257-5575	X	
Care Flight	1 hr.	420 Edison Way Reno, NV	530-257-5575	X	

7. HOSPITALS

NAME	ADDRESS	TRAVEL TIME		PHONE	TRAUMA		HELIPAD		BURN CENTER	
		AIR	GRND		Yes	No	YES	NO	YES	NO
Surprise Valley Hospital	741 North Main St. Cedarville, CA	N/A	10 min	530-279-6111		X		X		X
Modoc Medical Center	228 W. McDowell Ave. Alturas, CA	N/A	30 min	530-233-7052		X		X		X
Sky Lakes Medical Center Level 3 Trauma Center	2865 Daggett Ave Klamath Falls, OR	20min	2.5 hrs	541-884-6176	X		X			X
UC Davis Burn Center Level 1 Trauma Center	2315 Stockton Blvd Sacramento, CA 38 33.30 x 121 27.40	2hr.	-----	916-734-3636	X		X		X	
Surprise Valley Medical Clinic	741 North Main St. Cedarville, CA		10 min	530-279-6115		X		X		X

8. MEDICAL EMERGENCY PROCEDURES

<p><u>LINE EMERGENCY:</u></p> <p>Crew Supervisor to contact DIVS with patient complaint/condition and location.</p> <p>1) DIVS contacts:</p> <ul style="list-style-type: none"> Line EMT (If Assigned) Communications Unit Operations / Branch <p>2) On scene EMT, DIVS and Medical Unit Leader decide mode of transportation required.</p> <p>3) Communications Unit contacts:</p> <ul style="list-style-type: none"> Medical Unit Transport Dispatch Safety Helibase , if Air Ambulance in bound <p>4) Operations and Medical Unit will manage medical emergency with Communications.</p> <p>If a Medical/Medivac is needed be sure to</p> <ul style="list-style-type: none"> Know the lat. and long. of the closest helispot. 	<p><u>CAMP EMERGENCY:</u></p> <p>Contact Medical Unit with patient complaint/condition and location. Medical Staff will respond to stabilize incident:</p> <ul style="list-style-type: none"> Medical Unit contacts: Communications Safety Logistics Operations Crew Supervisor <p><u>TRIAGE CONSIDERATIONS (S.T.A.R.T)</u></p> <p>Respirations: Over 30/ Under 12 = Immediate</p> <p>Capillary Refill Over 2 seconds = Immediate</p> <p>Mental Status Disoriented = Immediate</p> <p>Immediate = Air Evacuation if possible</p>	<p><u>PT. ASSESSMENT:</u></p> <ul style="list-style-type: none"> Mental Status B.P. Pulse Skin signs Respirations Crew name and location. <p>Do not give patients name over radio.</p> <p>WARNING SIGNS OF HEAT ILLNESS INCLUDES THE FOLLOWING:</p> <ul style="list-style-type: none"> An extremely high body temperature (above 103°F). Red, hot and dry skin (no sweating). Rapid, irregular strong pulse Throbbing headache Dizziness, Nausea and Confusion Unconsciousness <p>HOW TO TREAT HEAT EMERGENCIES IN THE FIELD:</p> <ul style="list-style-type: none"> Move the patient to the shade or provide shade for them Externally cool the patient. Fan them after getting them wet. Drink water constantly through the day and electrolyte sports drink/powder - 2/1 ratio.
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9. PREPARED BY (MEDICAL UNIT LEADER) Jennifer Kraushaar /Mark Allen (t)	10. REVIEWED BY (SAFETY OFFICER) Terry O'Connel/Steve Davis(t)
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