Frog Fire Incident Action Plan

August 3rd / 4th,2015 NightShift, 1800 - 0800 hrs



WEATHER & FIRE BEHAVIOR

- o Possible undetected Spot Fires. Keep eyes to the green
- Review 6 minutes for Safety in IAP
- Warming & Drying in future forecast...the time to pounce is NOW

HYDRATION

- Electrolyte drinks are best consumed undiluted.
- Minimize consumption of energy drinks.
- o Know the signs & symptoms of Heat Related Illness
- Seek Medical Attention if unsure

KEEP A HIGH LEVEL OF
SITUATIONAL AWARENESS
CA-MDF-000570 P5J0HP (0508)
MODOC NATIONAL FOREST
Northern California Incident Management Team 1

INCIDENT OBJECTIVES	1. Inciden	t Name	2. Date	3. Time
	Frog		08/03/2015	1400
4. Operational Period August 03-04, 2015 NIFHT SHIFT				
CONTROL OBJECTIVES		4 4 4		
 Keep the Frog Fire: South of Long Bell Station are West of the 42N23 Road North of the 40N03 Road (Company) East of the WAPA powerline 	ounty Road)	
 MANAGEMENT OBJECTIVES 1) Plan and execute strategies and tacthe public. 2) Minimize impacts to infrastructure, critical habitat. 3) Minimize costs using the following of the provide timely and accurate informations. 5) Promote and expect appropriate be 	private tim consideration ation to the	berlands, range allow ons: the right plan,	ments, cultural resolutes, assets, duration duration durations.	urces, and
6. Weather Forecast for Period			4	
 See attached weather forecast. 				
7. General Safety Message				
 See attached safety messages. 				
8. Attac	chments (m	ark if attached)		
Organization List - ICS 203		ical Plan - ICS	Weather	
Div. Assignment Lists - ICS 204	⊠ Incid	ent Map	⊠ ICS215a	
Communications Plan - ICS 205	CS 2	20	Rehab Conside	rations
9. Prepared by (Planning Section Chief)			ncident Commander)
Ed Paul		Jay Kurth /-	S KOTT	

ORG	ANIZATION ASSI	GNMFNT LIST	Ground Support Un	it	Harry Zabel, Mike Jellison
Incident Name	ANIZANON AGGI	OTOMETOT EIGT	Communications U	nit	Rick Cartoscelli, Harold Reed (t)
Frog			Medical Unit		Josh Ramey
2. Date		3. Time	Receiving & Distribu	ution	Fred Johnson, Dion Nugent (t)
August 03, 2015		1400	Security Manager		Mike Turner
Operational Period			Food Unit		Jay Westlake
Night Shift Aug	ust 03-04, 2015				
Position		Name	9.	0	perations Section
5. Incide	nt Commander o	nd Staff	Day Operations		Robin Wills
Incident Command	er Jay Kurth		Night Operations		Curt Lindstrand
Deputy	Steve Burns		Planning Ops		Curtis Coots, Don Fregulia (t)
Safety Officer	Michele Tanz	i, Jeff Barnhart	a. Division/G	Froups -	
Information Officer	Jim Mackens	on, Phyllis Swanson	Division/Group	A	Mike Klimek, Brian Rogers (t)
Liaison Officer		ander, Kathy Hardy	Division/Group	D	Jesse Knox
Human Resources			Division/Group	G	Randy Jennings, Matt Radtke (t)
6. Agenc	y Representative		Division/Group	J	Mike DeMello
Agency Administrato		:Adams	Division/Group	X	Leon Jeffrey, Grahm Rice (t)
Agency Admin Rep	Joe Reinarz,		Division/Group		
READ		on, Garret Noles (t),	Division/Group		
	Megan Solus		Division/Group		
SPI Rep	Herb Baldwii	1	b. Division/G	The sac Tribut	
Beaty & Associates	Ross Brazil		Division/Group	A/D	Christopher Ruff, Travis Thane (t)
Cal Fire LMU Rep	Mike Smith		Division/Group	G	Rob Beery
			Division/Group	J/X	Dan Lindley
			Division/Group		
W- 7 - 5 - 1			Division/Group		
			Division/Group		
			Division/Group		
7. Plann	ing Section	· · · · · · · · · · · · · · · · · · ·	Division/Group		
Chief	Ed Paul		C. Air Ope		
Deputy		30	Director		Bruce Wicks
Resources / Demob /	Gary Deboi, Rit	a Mustatia, Tanya	Air Attack Supervisor		Dick Stilliha
Status-Check-in Unit	Costello (t)		Air Support Supervisor		Steven Beall
Situation Unit	Tim Ritchey (t)		Helicopter Coordinator		
Training	Dominic Panno		Air Tanker Coordinator		
CTSP	George Steel		10.	Financ	e Section
GIS		ames Gonzalez, Amaria	Chief		Lois Charlton
ED ANI	Crocoll (t)		Time Unit		Stephanie Garcia
FBAN	John Wood		Cost Unit		Kenny Lucien
IMET	Mike Smith		Compensation/Claims U	Init [Debbie McIntosh
	cs Section		Equipment Time	k	(ari Linn
Chief	Ken Kump	е			
Deputy	Brett Shurr		Prepared by (Resource L		er)
Supply Unit	Ron Pierce	e, David Alicea (t)	Gary R. Deboi		
Ordering	Tamara Ho	inna	_		
Facilities Unit	Frank DelC	arlo, Jeff Huhtala	_		

ICS 203 NFES 1327

DIVISION ASS	VISION ASSIGNMENT LIST			1. Branc	ch			2. Division/Group A/D				
3. Incident Name	e				4. Oper	ational Pe	eriod					
Frog	Fire				Do	ate: Au	gust 03-	04, 2015	Tir	me: 18	800-0	800
5.				Оре		s Persor						
Operations Chi	ief	Curt Linds	trand		Divisio Super	n/Group visor		Christoph	er Ruff /	Travis T	hane	(†)
Branch Director					Air Att	tack Supe	ervisor No.					
6.				Res	ources	Assigne	d this Pe	eriod				
Strike Team/Task F Design		е	Leader		Last Sh	ift	Number Persons	Trans. Needed	Drop	Off PT./Tir	me	Pick Up PT./Time
HC T1 Redding	g IHC (C-11)	D	an Malia				20	N	1 - 6 (4) PRINCIPLES (1	1900		0700
HC Slide Mt T2	IA	Eri	c Darragh		8/8		21	N		1900		0700
ENG T4 GH Ra	nch (E-27)	Duwa	ne Rodrig	uez			3	N	AMB S	1900		0700
ENG T3 #7241	(E-9)	Wil	liam Leftet				3	N		1900		0700
ENG T4 ICE #1.	50 (E-24)	Ter	rence Titus	;			3	N		1900		0700
WT Darrah Log	ging (E-50)	Tam	i Quimome	es	8/13	3	1	N		1900		0700
WT Darrah Log	ging (E-48)		Dave Orr		8/13	3	1	N		1900		0700
7. Control Operation Hold and imp Mop up. Special Instruc	orove existin	g line.										
Function	Frequency	/	Name	Chan	inel	Fun	ction	Frequency		Name		Channel
Command	RX167.1000 TX169.7500i		CMD 5	1 (TX Tone T5)		Air to	Ground	RX166.8750		A/G 08		14
Tactical Div/Group	RX166.7250		IIFC T5	9								
Prepared by (Resou	urce Unit Leade	er) A	approved by		ection CI	hief)		Date August 03	2015		Time	15

DIVISION ASS	IGNMENT LIS	ST			1. Brand	ch			2. Divisio)		
							<i>y '8</i>			G			
3. Incident Name	9				4. Oper	rational Perio	d						
Frog	Fire				D	ate: Augu	ust 03-	04, 2015	Tim	ne: 18	800- C	008	
5.				Ор	eration	s Personne	əl						
Operations Chi	ief (Curt Linc	dstrand		Divisio Supe	on/Group rvisor		Rob Beery	/ Don [DeVrier	ndt (t)		
Branch Director					Air At	tack Supervis	sor No.						
6.				Res	ources	Assigned	this Pe	riod					
Strike Team/Task F Design		9	Leade	r		Last Shift	Numb Perso	4000		Off PT./	Time	Pick Up PT./Tim	ie
ENG T6 #7204	(E-28)		Joshua O'S	Shields		8/15	3	N		1900		0700	
ENG T6 #333 (I	E-29)		Mark Gro	oves		8/14	3	N		1900		0700	
ENG T4 ICE #2	7 (E-23)		Tim Titu	JS		8/15	3	N		1900		0700	
WT Darrah Log	ging (E-51)		Gary Qun	ones		8/13	1	N		1900		0700	
DOZ Bushey Fo	arming (E-2)		Bob Bush	ney		8/13	1	N		1900		0700	
DOZ Ben's (E-9	0)		Maurice Rh	oades		8/15	1	N		1900		0700	
DOZ Ben's (E-5	2)		Chad Gle	mim		8/13	1	N		1900		0700	
HEQB (O-20)			James L	ico			1	N		1900		0700	
HEQB (O-31)	**************************************	Р	atrick Callo	ahan (t)			1	N		1900		0700	П
SOF2 (O-60)			Fred Johr	nson			1	N		1900		0700	\neg
SOF2 (O-61)	State State		Damon M	cRae			1	N		1900		0700	\exists
FEMP (O-63)			Wesley No	rman			1	N		1900		0700	
			35.50							**			П
7. Control Operati	ons										•		
Hold and im	prove existin	ng line.											
Mop up.													
Prepare for b	ournout ope	rations.											
Special Instruc	tions:												\dashv
SOF2 shared		sions.											
													\dashv
Function	Frequency	<u>′ </u>	Name	Chai	nnel	Function	on	Frequency		Name		Channel	
Command	RX167.1000	N	CMD	,		Air to Gro	ound	RX166.8750	N	A/G 08		1.4	
	TX169.7500h	,	CMD 5	(TX Tone	e 146.2			TX166.8750t	,			14	
				T5									
Tactical	RX167.1125	N	DETE	_									
Div/Group	TX167.1125N	1	R5 T5	7									
repared by (Resou		r)	Approved by		Section C	hief)]1	Date			Time		
Tanya	Costello		Edwin F	Paul				August 03,	2015		12	15	

ICS 204 NFES 1328

DIVISION ASS	IGNMENT LI	ST			1. Branc	ch		2. D	ivision/Group		
									J/X	*) *)	
3. Incident Name					4. Oper	ational Period					
Frog	Fire				D	ate: August 03-	04, 2015		Time: 18	300 - (0800
5.				Ор	eration	s Personnel					
Operations Chi	ef	Curt Linc	dstrand		Divisio Super	on/Group visor	Dan Li	ndley			
Branch Director					Air At	tack Supervisor No.					
6.				Res	ources	Assigned this Pe	eriod				
Strike Team/Task Fo Design		е	Lea	der		Last Shift	Number Persons	Trans. Needed	Drop Off PT.,	/Time	Pick Up PT./Time
ENG T4 Dye Ho	ard (E-11)		Ronald [Dumont		8/14	3	Ν	1900		0700
ENG T6 Whiteh (E-26)	ead #101		Jacob V	Villiams		8/14	3	N	1900		0700
ENG T6 Franco	#5 (E-33)		Roosevelt	Suppah	1	8/14	3	N	1900		0700
ENG T6 ICE #15	51 (E-40)		Bryan	Rohr		8/14	3	N	1900		0700
DOZ Ben's (E-5	6)		Chester L	angford		8/15	1	N	1900		0700
DOZ Ben's (E-8	9)		Greg M	cCarty		8/15	1	N	1900	0	0700
DOZ Steward (E-98)		3		10 EN 254.75		1	N	1900		0700
WT Briant Phillip	os (E-92)		John	Нау		8/15	1	N	1900		0700
SOF2 (O-60)			Fred Jo	hnson		8/10	1	N	1900		0700
SOF2 (O-61)			Damon	McRae		8/17	1	N	1900		0700
FEMP (O-64)			Kevin Le	enihan			1	N	1900		0700
20											
				8 - 2							
7. Control Operation	ons					29/1023 - 152/151					
Hold and imp	orove existi	ng line.									
Мор ир.											
Special Instruc	tions:							- Market Mark	*		
SOF2 shared		isions									
00123114104	Will all all	1510115.									
Function	Frequenc	. T	Name	Char	nnel	Function	Freque	ency	Name	—т	Channel
									*		
Command	RX167.1000	DN	CMD 5	1		Air to Ground	RX166.8	750N	A/G 08		14
	TX169.7500	N		(TX Tone T5			TX166.8	750N			3.85
Tactical	RX168.2375	5N									
Div/Group			R5 T6	8							
	TX168.2375	N		i 1							
repared by (Resou	rce Unit Leade	er)	Approved by	(Planning S	Section C	hief)	Date	k		Time	
Tanya (Costello (t)		Edwin Pa	nul l			August	03 201	.	13	00



INCIDENT Weather Forecast



FORECAST NO: 2 NAME OF FIRE: Frog Fire

PREDICTION FOR: Monday Night SHIFT UNIT: Modoc NF

SHIFT DATE: August 3/4, 2015 SIGNED: Mike Smith

TIME AND DATE Incident Meteorologist

FORECAST ISSUED: 1200 August 3, 2015

<u>WEATHER DISCUSSION:</u> A small scale weather system will be making its way northward through northern California late Monday afternoon and evening. There is a slight chance that this system will produce an isolated thunderstorm in the area through the evening hours. Conditions should become more stable after midnight with moderate humidity recovery. Another weather system coming in off the coast will bring another threat of a localized thunderstorm late Tuesday afternoon and evening. Gusty and erratic winds are always possible in vicinity of thunderstorms so be on the watch for any thunderstorm buildups. Otherwise moderate summer conditions are expected with breezy southwest to west winds at times.

WEATHER FORECAST:

WEATHER: Partly cloudy in the evening with a slight threat of a thunderstorm in the area...becoming mostly clear. Any nearby thunderstorm could produce strong gusty winds.

TEMPERATURES: Overnight lows 54 to 58.

HUMIDITY: Maximum humidity recovery 60 to 70%.

20 FT WINDS:

RIDGETOP - Southwest to west 2 to 4 mph but occasional gusts to 10 to 15 mph through sunset then becoming light and variable to 3 mph for the remainder of the night. Stronger winds possible in vicinity of thunderstorms.

SLOPE/VALLEY - Southwest to west 2 to 4 mph but occasional gusts up to about 10 mph through about sunset then variable to 3 mph for the remainder of the night. Stronger winds possible in vicinity of thunderstorms.

STABILITY/INVERSION: Slightly unstable in the late afternoon and evening hours becoming moderately stable overnight.

Forecast for Tuesday Day Shift: Mostly sunny in the morning becoming partly cloudy in the afternoon with a slight threat of thunderstorms in the area. High temperature 84 to 87. Minimum afternoon humidity 19 to 24%. Winds light and variable in the morning picking up after about 0900 to southwest 2-5 mph but occasional gusts up to 10-15 mph. Stronger winds possible in vicinity of thunderstorms.

<u>OUTLOOK FOR Wednesday:</u> Mostly Sunny. Maximum temperatures 84-87. Morning minimum temperatures in the 50s. Minimum humidity 18 to 23% after morning recovery of 60-70%. Winds light and variable in the morning becoming southwest to west 2-5 mph after about noon. Gusts up to 10 to 15 mph out of the west to southwest in the mid to late afternoon.

EXTRA INFORMATION: Sunset 8:21 Sunrise 6:03

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 6	TYPE OF FIRE: Wildland Fire
FIRE NAME: Frog	OPERATIONAL PERIOD: 8/3 to 8/4, 2000 to 0800

DATE ISSUED: 8/3/15 TIME ISSUED: 1100

UNIT: Modoc National Forest SIGNED: /s/ John Wood FBAN

INPUTS

WEATHER SUMMARY: Slight chance of Thunderstorms through the shift.

A small scale weather system will be making its way northward through northern California late Monday afternoon and evening. There is a slight chance that this system will produce an isolated thunderstorm in the area through the evening hours. Conditions should become more stable after midnight with moderate humidity recovery. Another weather system coming in off the coast will bring another threat of a localized thunderstorm late. Tuesday afternoon and evening. Gusty and erratic winds possible near thunderstorms Expect low temperatures to be between 54-58 degrees. Maximum humidity, between 60-70%. 20 foot winds Ridge tops southwest 2-4 mph with gusts 10-15, Valleys 2-4 mph with gusts around 10. Gusty and erratic winds expected near thunderstorms.

Haines Index: 3 Burning Index: 54 ERC: 67

OUTPUTS

GENERAL: Burning conditions will remain good throughout the shift but conditions should be similar to the last few evenings. Weather is returning to seasonal norms but not expecting a large scale ramp up in fire behavior for the shift. Abundance of fine fuels and low live fuel moistures have been key factors supporting fire behavior and spread on this fire. High wind from thunderstorms has been the most significant determining factor for advanced fire behavior and large growth. Light east or northeast winds have been experienced on the fire but should not cause any problematic fire behavior. Expected rates of spread in the fine fuels will be 1-3 ch/hr and flame lengths around 1 foot ft. In the shrub fuels expect rates of spread up to 10-20 ch/hr and flame lengths 4-6 ft. In the timber litter expect rates of spread 2-4 ch/hr with flame lengths 1-3 ft. Outflow winds 40 mph and up expect rates of spread to rapidly increase with rates of spread over 100 ch/hr possible.

SPECIFIC:

Fine fuel moisture 9% Probability of ignition down to 31% Spot distance around ½ mile with the strongest forecast winds.

Division A and X: Heavy fuels will continue to burn down and are likely to be the only heat remaining. Spotting potential should be reduced because of a low probability of ignition and limited heat sources producing embers.

Division D: Heat source will remain within control lines as jackpots and concentrations burn down. Likely areas would be near the A/D break in the area of recent activity.

Division G: Needle cast fuels will continue to carry fire throughout the shift and could creep through fire lines where continuous fuels exist. Check cracks and crevices where fuels may be unbroken, lava reefs are likely locations for this.

Division J: Deep duff under brushy fuels may hold heat that produces little smoke and heavies will continue to consume. These potential heat sources are present and will keep the potential for spotting viable.

AIR OPERATIONS

Smoke production has decreased and should pose a small risk to visibility. Potential times for smoke to impact visibility would be early in the morning when smoke has had a chance to pool and mixing heights are lower.

Safety Message

Brief crewmembers on snag hazards and fire weakened trees. Shallow soils and intense burning conditions may have damaged root systems and tree structure. These hazards exist, make sure firefighter are aware and looking out for these.

		<u> </u>							
INCIDE	ENT RADIO COMM	INCIDENT RADIO COMMUNICATIONS PLAN		C A-NADE-000570	Ç	Date/Time Prepared 08-03-15 1	Time Prepared 08-03-15 1100		Operational Period Date/Time NICHT CHIFT OR 03.15
SinO	/ frequencies listed	Legis Off Car							
5	y inequelicies listed (only requericies listed on fills 203 are duffortzed for use on this incident.	for use on this incident.	Radio proç	grammers	accept all re	idisnods	ity for th	Radio programmers accept all responsibility for the use of unauthorized frequencies.
Ch #	Function	Channel Name	Assignment	RX Freq N or W RX Tone TX Freq N or W	RX Tone T	X Freq N or W	TX Tone	Mode	Remarks
-	NIFC CMD 5	CMD 5	ALL DIVISIONS	167.1000N		169.7500N	146.2 T5	<	ROUND MIN
7	NIFC CMD 12	CMD 12	ALL DIVSIONS	173.0375N		167.3250N	127.3 T12	<	TIMBER MTN
ო	NIFC SPCL	NONE	UNASSIGNED					4	FUTURE USE
4	BACKUP CMD	MDFFOR 5	ALL DIVISIONS	170.7375N		164.9875N	146.2	<	GROUSE MTN REPEATER
70	BACKUP CMD	MDFFOR 7	ALL DIVISIONS	170.7375N		164.9875N	167.9	<	RED SHALE BUTTE REPEATER
9	TACTICAL	R5 T4	UNASSIGNED	166.5500N		166.5500N		<	
7	TACTICAL	R5 T5	DIVISION G	167.1125N		167.1125N		<	
∞	TACTICAL	R5 T6	DIVISIONS J and X	168.2375N		168.2375N		<	
6	TACTICAL	NIFC T5	DIVISIONS A and D	166.7250N		166.7250N		<	
10	TACTICAL	NIFC T6	UNASSIGNED	166.7750N		166.7750N		<	
=	TACTICAL	NIFC T7	UNASSIGNED	168.2500N		168.2500N		<	
12	INCIDENT A\G	A\G FROG	ALL DIVSIONS	168.5000N		168.5000N		<	
13	PRIMARY A\G	A\G 43	ALL DIVISIONS	167.6000N		167.6000N		<	
41	SECONDARY A\G	A\G 08	ALL DIVISIONS	166.8750N		166.8750N		<	
15	CALCORD	MED HELO CONTACT	ALL DIVISIONS	156.0750N		156.0750N	156.7	<	
16	URGENT AIR CONTACT	AIR GUARD	ALL DIVISIONS	168.6250N		168.6250N	110.9	< <	USE ONLY FOR URGENT AIRCRAFT IF HAND PROGRAMMING USE TONE 1
Prepared by	by				Incident Location	tion			
Rick Carto	Rick Cartoscelli, COML NorCal IMT 1	II IMT 1			MODOCN	MODOC NATIONAL FOREST	EST		
ICS 205 - 2007H	007H								

MEDICAL PLAN (ICS 206 WF)

1. Incident/Project Name				2. Operational Period							
FROG FIRE		V (M) (V)	W ju		Date/Tir	me 8/03/15 1800	-0800	<u> </u>			
3. Ambulance Services						a wat in this					
Name			Location	-		Phone & EMS Freque	ency		ced Life S Yes	Support (ALS) No	
Medic 21 – Incident Ambula	ince	Longbell sta	aging			Contact on Con	nmand	>	Κ.		
4. Air Ambulance Service	es	-								Manager Control	
Name			Phone			Ту	pe of Air	craft & Ca	apability	100 100 1000	
Emergency Air Lift 30	min eta	911 or 800	-804-4911			Air Ambulance – I	Klamath I	Falls, OR			
Mountain Life Flight 30 n	nin eta	911 or 530	-257-2444			Air Ambulance – S	Susanvill	e, CA		882 S.H. 1885	
CHP 50 r	nin eta	911 or 530	-225-2041			ALS Hoist – Redding, CA					
CANG 825 50 r	nin eta	911 (Must	be ordered thro	ugh EC	C)	Hoist Rescue - Re	Hoist Rescue – Redding, CA Day/Night				
H-527		Contact H	elibase 805-886	6-5850		Incident ship – He	libase N	41°29.537	′ x W120°	58.218	
5. Hospitals					lan I						
Name		GPS Datum - egrees Decin		Trav	el Time		Heli	pad			
& Level				Air	Gnd	Phone	Yes	No	А	ddress	
Mayer's Memorial Hospital	Lat:	N41°01 W121°2		10 min	1:30 hrs	530-336-5511	х	X 43563 Hwy 299E, River Mills, CA			
Modoc Medical Center	VHF: Lat: Long: VHF:	N41°28 W120°3		10 min	1:10 hrs	530-233-5131	х			McDowell, uras, CA	
Shasta Regional Medical Center	Lat: Long: VHF:	N40°35 W122°2		40 - min	2:45 hrs	530-244-5353	х		1100 Bu	itte, Redding, CA	
UC Davis Level I Trauma/Burn Center	Lat: Long: VHF:	N38°33 W121°2		1.5 hrs	6 hrs	916-734-3636 916-734-3790	х			ockton Blvd. mento, CA	
6. Division / Crew Pre-plan	. Updat	e and discus	s with assigned	resour	ces daily						
Crew EMTs & Equipment					=		12	= 1 = 1			
Fireline EMTs & Location Adv. Life Support?								********			
Air Hoist site: Lat: / Long:											
Helispot:									202200		
Lat: / Long:										1	
Alternate no-fly plan:											
7. Remote Aid Stations	_	Daint of Co									
FROG Medical Unit- IC Ambrose	P	Point of Co	ntact: onders & Capabi	ility		Josh Ramey (Cell: e Medical – Advanc					
N41°29.537			Available on Sit			supplies	eu Lile 3	ирроп			
W120°58.218		Ambulance			Air – 30		35 min.				
8. Prepared By (Medical Un		r)	9. Date/Time	•	10. R	eviewed By (Safety (Officer)	1	11	. Date/Time	
Joshua Ramey - MEDL 530-277		200	8/3/15 1000		Michel	e Tanzi	a	wi	8/3/	15 1000	

MEDICAL PLAN (ICS 206 WF)

	nt Report
Use items one through nine to communicate	e situation to communications/dispatch.
I. CONTACT COMMUNICATIONS DECLARE: "MEDICAL E Ex: "Communications, Div. Alpha. Stand-by for a medical emergency on Div. Alpha" (If lift	MERGENCY" OR "NON-EMERGENCY MEDICAL TRANSPORTE in 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 blee	eding)
- Incident Name Geographic Name + "Medical" (Ex: Trout Meadow Medical	0
- Incident Commander (Division Sup. or designee)	
- Patient Care Name of Care Provider (Ex: EMT Smith)	
B. INITIAL PATIENT ASSESSMENT: Complete this section for each p Number of Patients: Male / Female:	
- Conscious? YES NO = MEDEVAC! - Brea	thing? YES NO = MEDEVAC!
- Mechanism of Injury What caused the injury?	
- McChainsin of mjary what caused the mjary?	
- Location, Lat/Long (Datum WGS84) Ex: N 40° 42.45' x W 123° 03.24' _	
SEVERITY OF EMERGENCY, TRANSPORT PRIORITY	Y
SEVERITY	TRANSPORT PRIORITY
URGENT-RED Life threatening injury or illness. Ex: Unconscious, difficulty breathing, bleeding severely, 2° – 3° burns more than 4 palm size that stroke, disoriented.	Ambulance or MEDEVAC helicopter. Evacuation need is IMMEDIATE.
PRIORITY-YELLOW Serious Injury or illness. Ex: Significant trauma, not able to walk, $2^{\circ} - 3^{\circ}$ burns not more than 1-2 palm sizes.	Ambulance or consider air transport if at remote location. Evacuation ma DELAYED.
ROUTINE-GREEN Not a life threatening injury or illness. Ex: Sprains, strains, minor heat-related illness.	Non-Emergency. Evacuation considered Routine of Convenience.
. TRANSPORT PLAN:	
r Transport: (Agency Aircraft Preferred)	ifo Elight Other
iround Transport:	ife Flight Other
Self-Extract Carry-Out	Ambulance Other
ADDITIONAL RESOURCE/EQUIPMENT NEEDS:	
Paramedic/EMT(s) SKED/Backboard/C-Collar Crew(s) Burn Supplies Oxygen
Trauma Bag Medication(s)	uid(s) Cardiac Monitor/AED
Other (i.e. splints, rope rescue, wheeled litter)	
COMMUNICATIONS:	
- Run Medical Emergency on Command - Coor	dinate with air ambulance on CALCORD tone 6
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:	
CONTINGENCY: If primary options fail, what actions can be implemented	
CONTINGENCY: If primary options fail, what actions can be implemented	

Frog Fire Incident Risk Analysis (215A)

Div.	LCES Analysis of Tactical Applications	LCES Mitigations/Warnings/Remedies
	(Hazardous Actions or Conditions)	
All	Communications	Ensure you have the most current communication plan for this shift. Use Human repeaters where necessary. A/G secondary will be in use today166.8750
All	Hydration	Drink water before, during, and after shift. Drink water in addition to sports drinks in a 2 waters to 1 electrolyte ratio. Electrolyte drinks are best consumed as is, not diluted.
All	Potential difficulty in establishing lookouts due to terrain features	Round Mountain to the west of the fire is potentially the best lookout position. Scout for vistas with good line of site. Get intel from previous shifts resources.
All	Escape Routes to Safety Zones	Continue to re-assess your position to your known Escape Routes to Safety Zones. You are only as fast as your slowest person Identify Management Action Points with Operations and Division Supervisors and make them known to all!
All	Difficult terrain conditions & providing for emergency medical needs.	Review Med Plan before the need arises. Limit high risk activities. Identify Medivac sites and provide info to your DIVS. Ensure that each crewmember is aware of the relatively unique hazards associated with this country
All	Snakes and other wildlife	ID EMT personnel on crews. If stung or bit, reactions could become extreme within minutes. Evaluate and notify Division Supervisor immediately! Leave all wildlife alone!
All		Dramatic Increase in FB with any wind. Spot Fires possible on Division D/G/J. Try keeping one foot in the black till you come up with a safe plan. Make good decisions. Have a plan & make it known.
All	Hazard Trees	Mitigate if safe to do so. Limit exposure of personnel. Use qualified fallers and maintain a clearance of nonessential personnel of $2\frac{1}{2}$ times the tree height.
All	Working around heavy equipment	Maintain safe working distances from dozers. Utilize observers or spotter. Have effective communication with the operator at all times.
All	Driving	Freshly graded roads lend themselves to higher speeds. Initial attack phase is over. Take your time getting to and from the fire safely. Drive slowly and defensively. Distance your vehicles when roads surfaces are dusty for better visibility.

Date & Time Prepared: August 3rd, 2015 @ 1200 hrs. Prepared By: Michele Tanzi, SOF1 & Jeff Barnhart, SOF2. Operational Period: August $3^{rd}/4^{th}$, 2015 Night Shift, 1800 - 0800 hrs.

CA-MDF-000570 P5J0HP (0508)

Modoc National Forest Northern California Incident Management Team 1

Heat Illness/Injury Information

Strategies that Strengthen a Fatigued Firefighter and Mitigate Heat Injury

Know Your Risk Factors

- High sugar content beverages, Energy Drinks, excessive caffeine intake, some weight loss products, creatine, ephedrine, alcohol, amphetamines, cocaine, ecstasy
- History of a previous heat injury
- Motivation to push oneself past your stopping point (warrior mentality)
- Reluctance to report issues or illness
- Decongestants, antihistamines, cholesterol lowering drugs (statins), diuretics, beta blockers, certain antibiotics (check with your personal physician)
- Recent virus: respiratory or gastrointestinal
- Recent medical procedure associated with dehydration or electrolyte disturbances
- Lower level of fitness, higher percentage of body fat
- Inadequate heat acclimatization
- Skin conditions (sunburn, skin rash, etc.)
- Dehydration, inadequate nutrition

Pre-hydration

- Dehydration before the event weakens you and sets you up for heat injury.
- Pre-hydrate daily by drinking at minimum 6-8 eight-ounce glasses of water in addition to liquids consumed during meals (8 eight-ounce glasses = 2 quarts). This should include off-duty days. The body can't be dehydrated for four days and then regain cell and tissue hydration status within the first day of returning to work. You can drink lots of fluids, but it still takes time for the water to distribute to all the compartments of the body and provide the best benefit.
- Drink throughout the day, not at one time.
- Know your own sweat rate!
 - Weigh yourself both before and after a challenging workout.
 (2 lbs. of weight loss = approximately 1 liter of fluid loss)

Hydration

- Firefighters engaged in arduous tasks can lose as much as 1-2 liters of fluid per hour.
- Replace sweat loss during an event by drinking, at minimum, 1 liter of fluid for every 1 hour of exertion. (4 eight-ounce water bottles = approximately 1 liter).
- A general rule after one hour of work is adding in sports drinks (Gatorade) to replace carbohydrates, sodium and electrolytes. (1 twelve-ounce can of Gatorade followed by 3 eight-ounce water bottles = approximately 1 liter).



Today's discussion is from the Weather / Fire Behavior Category.

FREQUENT SPOT FIRES ACROSS THE LINE

There are few watchout situations that state more clearly how much potential your fire has for rapid, uncontrolled growth. Consider the following questions if you are getting spot fires across your line:

- Can you handle increased spotting? List some ways you can keep ahead of spot fires (gridding the green, lookouts, etc.)
- What is your probability of ignition doing? Is it increasing or decreasing?
- Do you have a plan for long-range spotting? In what fuel type and under what conditions will you likely have long-range spotting? What types of plans can you think of for handling long-range spotting?
- Is help available if necessary? What kinds of resources will you have in place or order to handle spot fires?
- If fire behavior increases, is your position still defensible? Discuss what type of action you might take if a spot fire takes off.
- Do you have more than one safety zone in case one gets cut off? Describe how you might have multiple safety zones.
- Do the primary lookouts have a good view of the situation? Discuss who might be acting as a lookout (e.g., crew member, air resources, etc.) and how you will get good information from that person. (Are you relying on an air attack that is busy with air tankers?)
- Where are you in the burning period? Talk about how your tactics may vary from finding spot fires early in the day to later into the evening. Review Probability of Ignition (PIG) and what it can tell you about spotting potential.
- To reduce the risk, be ready to retreat. Keep your guard up even if spotting has not occurred for a few hours. Review fires where you have had frequent spot fires and what you learned about controlling them.

References:

<u>Fireline Handbook</u> <u>Incident Response Pocket Guide</u>

Have an idea? Have feedback? Share it.

ONLINE | MAIL: 6 Minutes For Safety Task Group • 3833 S. Development Ave • Boise, ID 83705 | FAX: 208-387-5250

6 Minutes Home

Modoc National Forest 225 West 8th Street Alturas, CA. 96101 (530) 233-5811 TTY (530) 233-8708

File Code:

5100

Route To:

Date: August, 1 2015

Subject: Firefighter Fatality Frog Incident; Preliminary Briefing

To: Randy Moore, Regional Forester, Pacific Southwest Region

THE FOLLOWING INFORMATION IS PRELIMINARY AND SUBJECT TO CHANGE

Location: Frog Incident, Big Valley Ranger District, Modoc National Forest

Date/Time of Occurrence: July 30th, 2015 approximately 1930 hrs

Mission: Initial Attack

Number Injured: none

Number of fatalities: 1

Property Damage: None

Narrative: David Ruhl died while engaged in Initial Attack activities on the Frog Incident on the Modoc National Forest. Mr. Ruhl was a USFS Engine Captain from the Mystic Ranger District, Black Hills National Forest. He was on assignment as a detailed Assistant District Fire Management Officer to the Modoc National Forest.

Contact was lost with Mr. Ruhl during initial attack when the suspected lightning-ignited fire exhibited aggressive fire behavior due to the influence of near-by thunderstorms. A search and rescue effort was immediately put into action, but was hampered by darkness and continued fire spread.

At approximately 0915 on July 31st the body of Mr. Ruhl was located.

A U.S. Forest Service review team is en-route to the incident.

Amanda G. McAdams Forest Supervisor

cc:

Jeanne Wade Evans

Shawna Legarza

Paige Boyer Pete Duncan Steve Schlientz Larry Sutton



TRAINING MESSAGE

11 trainees have checked in with Training on this fire...

"Now serving number 12"

Trainees - have you looked in your task book lately?

Get with your trainer on what tasks you can complete on this fire.

Training is located at the ICP in the Plans Trailer

Training Watch Out

Your trainer asks you "So how do these darn task books work anyhow?"



Success is the sum of small efforts, repeated day in and day out.

Robert Collier

Da	ate & Time Order was placed:	Order#	Lo	cation & Time for Delivery (DIV,LZ,DP,Lat Long)	Mode of delivery
		(DIVS+#)			(Driven/Helo/DIVS to Pictup)
			Lat	t:	
			Lo	ng:	
Or	der received in Communications by (Name)	<u>. </u>			Time:
	der shipped to line by (Name): (Send this she		9 or	dor)	Time:
#	·	et to the line with the	T		Time.
	1,000 Foot Hose Lay includes the following	g: Amount		1	
_	10, 100'x1½" Rolls Hose; 10, 100'x1" Rolls Hos		1	0. 11/11 to 111 and treams 10. 111 and 11.	
	10, 100 x1/2 Rolls Hose; 10, 100 x1 Rolls Hos	e; 10, 1½ Gated wy	es; 1		
2	2,000 Foot Hose Lay includes the following	g: Amount		_	
	20, 100'x1½" Rolls Hose; 20, 100'x1" Rolls Hos	e; 20, 1½" Gated Wy	es; 2	0, 1½" to 1" reducers; 20, 1" nozzles	
3	3,000 Foot Hose Lay includes the following	g: Amount			
_	30, 100'x1½" Rolls Hose; 30, 100'x1" Rolls Hose		05, 3	0 1½" to 1" reducers: 20 1" pozzles	-
#	Item	Amount	#	Item	Amount
4	Hose (50') garden, 3/4"	Amount	30	Gas Unleaded (Gallons)	Amount
5	Hose (100'), 1"			Oil 2 cycle, (Pints)	
6	Hose (100'), 1½"		-	Bar Oil (Qts)	
7	Nozzle, Garden, 3/4"		-	Drip Torch ea	
8	Nozzle, Forester, 1"			Drip torch mix 3.5:1.5 (gallon)	
9	Nozzle, KK Type, 1"		-	Fusees (Boxes or cases)???	
10	Nozzle, KK Type, 1½"	energie age.	-	Flare Gun Rounds (12/BX)	
11	Wye, Gated, 3/4"		-	Cartridge #6 purple (box)	
 12	Wye, Gated, 1"		38	Batteries "AA" PKGs(24/PKG)/BX	
13	Wye, Gated, 1½"		39	Ribbon, Flagging (Specify Color)*	
14	Inline-Tee, 1x1x3/4"		40	Water, Cubies	
15	Inline-Tee, 1x1x1"		41	Water, Bottled, Cases	
16	Inline-Tee (1½" X 1")		42	Gatorade	
17	Reducer, 1" X 3/4"		43	MRE's (12/BX)	
18	Reducer, 1½" X 1"		44	Heavy Mill Plastic	
19	Increaser, 3/4" X 1"		45	Washcloth, waterless, cleansing	
20	Increaser, 1" X 1½"		46	Wrap, Structure 54"x300"	
21	Foam 5 gal		47	Sprinkler Kit	
22	Foam 4 oz (For Backpack Pump)		48	Mark 3 Pump	
23	Backpack Pump		49	Mark 3 Pump Kit- w/10 gal mixed fuel	
24	Pumpkin (Gallons?)		50	Chainsaw Kit	
25	Porta-Tank (Gallons?)		51	Mop-Up Kit , 3-Wand	
!6	Shovel		52	Pump Kit, Lightweight, 2 Cycle	
:7	Pulaski		53	Gas, Raw and 2 qts 2-cycle oil, ea	
8	Combi Tool		54	Lightweight Pump Kit-Cache w/5gal fuel	
.9	McCloud		55	Gas, raw (gal) and 1 qt 2-cycle oil, ea.	
\downarrow	Ŋ				
	Notes:			Notes:	Nor Cal 1



WE NEED YOUR PICTURES!

If you have photos or video from this fire please stop by the PIO Office in the ICP or scan the QR code below and it will take you to our email and you can send your stuff directly to us and we can post them to Inciweb and our Facebook and Twitter pages.

Just remember:

- Be safe when taking pictures
- Make sure Firefighters are wearing all PPE
- Give us the basics of the photo such as time and date, location, crew or person shown, etc.
- Show your Agency in a positive light be professional.
- Do not take photos of accidents, injuries, near misses, etc.

Nor Cal Team 1 PIO Email



	INCIE	ENT WATER U	SE LOG	
DATE	WATER SOURCE	QUANTITY	E NUMBER	DRIVER
				- 390

		VII W V		

- +				

Include the following information:

Date water was received

Water Source (Where you got the water)

Gallons collected

Resource Order number of resource collecting water

Driver Name

Return this form to FINANCE

(Additional forms available in Finance)

UNIT LOG		1. Incident Name	2. Date Prepared	3. Time Prepared
4. Unit Name/Designators		5. Unit Leader (Name and Position	n)	6. Operational Period
7.		Personnel R	oster Assigned	
Name		ICS Po	osition	Home Base
			-	
^		A = 45, 54, 1 = =		
8. Time	T	Activity Log	Major Events	
MINO			Mujor Everns	
74.00				

		10/100/100		
	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			

. Prepared by (Name a	nd Position)		B	