

**Incident Action Plan**

**For The**

**Elk Complex**

***Day Operational Period***

***Monday***

***July 30, 2007***

***0600-1800***

**CA-KNF-003176**

**P5DP21**

**Elk Complex and Team 5  
Welcomes Back NORCAL Team 1**



**California Interagency Incident Management Team 5**

<p style="text-align: center;"><b>Incident Objectives</b></p>	<p>1. Incident Name</p> <p style="text-align: center;">ELK COMPLEX</p>	<p>2. Date Prepared</p> <p style="text-align: center;">07/29/07</p>	<p>3. Time Prepared</p> <p style="text-align: center;">1418</p>															
<p>4. Operational Period</p> <p style="text-align: center;">07/30/07   Monday   Day Shift 0600 - 1800</p>																		
<p>5. General Control Objectives for the incident (include alternatives)</p> <p><b>SAFETY</b> Safety is a CORE VALUE and is to be integrated into all incident activities.</p> <p><b>CONTROL OBJECTIVES</b> Keep fires: -- West of Grider Ridge -- East of Siskiyou Wilderness -- South of Slater Butte -- North of Pigeons Roost</p> <p>Protect private property. Utilize a direct strategy as weather and opportunities exist; Prepare to implement Contingency Plans as needed.</p> <p><b>MANAGEMENT OBJECTIVES:</b> Provide for positive Community and Tribal Relations. Mitigate impacts to cultural and natural resources. Mitigate impacts to local economy.</p>																		
<p>6. Weather Forecast for Period</p> <p>See attached spot weather forecast.</p>																		
<p>7. General Safety Message</p> <p>Stay aware of the surrounding environment. Current burning conditions and fire behavior are picking up. Post lookouts, and identify escapes routes. Other hazards to be aware of are steep, rocky terrain, rolling materials, and very hazardous driving conditions.</p>																		
<p>8. Attachments (mark if attached)</p>																		
<table border="0" style="width: 100%;"> <tr> <td><input checked="" type="checkbox"/> Organization List - ICS 203</td> <td><input type="checkbox"/> Incident Map</td> <td><input checked="" type="checkbox"/> Fire Behavior Forecast</td> </tr> <tr> <td><input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204</td> <td><input checked="" type="checkbox"/> Safety Message</td> <td><input checked="" type="checkbox"/> Human Resource Message</td> </tr> <tr> <td><input checked="" type="checkbox"/> Communications Plan - ICS205</td> <td><input checked="" type="checkbox"/> Traffic Plan</td> <td><input checked="" type="checkbox"/> Phone List</td> </tr> <tr> <td><input checked="" type="checkbox"/> Medical Plan - ICS 206</td> <td><input checked="" type="checkbox"/> Camp Map</td> <td><input checked="" type="checkbox"/> Unit Log</td> </tr> <tr> <td><input checked="" type="checkbox"/> Air Operations Summary - ICS 220</td> <td><input checked="" type="checkbox"/> Fire Weather Forecast</td> <td><input checked="" type="checkbox"/> Traffic Map</td> </tr> </table>				<input checked="" type="checkbox"/> Organization List - ICS 203	<input type="checkbox"/> Incident Map	<input checked="" type="checkbox"/> Fire Behavior Forecast	<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Safety Message	<input checked="" type="checkbox"/> Human Resource Message	<input checked="" type="checkbox"/> Communications Plan - ICS205	<input checked="" type="checkbox"/> Traffic Plan	<input checked="" type="checkbox"/> Phone List	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> Camp Map	<input checked="" type="checkbox"/> Unit Log	<input checked="" type="checkbox"/> Air Operations Summary - ICS 220	<input checked="" type="checkbox"/> Fire Weather Forecast	<input checked="" type="checkbox"/> Traffic Map
<input checked="" type="checkbox"/> Organization List - ICS 203	<input type="checkbox"/> Incident Map	<input checked="" type="checkbox"/> Fire Behavior Forecast																
<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Safety Message	<input checked="" type="checkbox"/> Human Resource Message																
<input checked="" type="checkbox"/> Communications Plan - ICS205	<input checked="" type="checkbox"/> Traffic Plan	<input checked="" type="checkbox"/> Phone List																
<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> Camp Map	<input checked="" type="checkbox"/> Unit Log																
<input checked="" type="checkbox"/> Air Operations Summary - ICS 220	<input checked="" type="checkbox"/> Fire Weather Forecast	<input checked="" type="checkbox"/> Traffic Map																
<p>9. Prepared by (Planning Section Chief)</p> <p>Tim Baal, PSC1</p>	<p>10. Approved by (Incident Commander)</p> <p>Mike Dietrich, IC</p>																	

ORGANIZATION ASSIGNMENT LIST		9. Operations Section	
1. Incident Name ELK COMPLEX		Day Ops/Planning Ops	DUNCAN / LANE (T) / WILL
2. Date Prepared 07/29/07		Night Ops	
3. Time Prepared 1427		<b>a.</b>	
4. Operational Period 07/30/07 Monday Day Shift 0600 - 1800		Branch Director	
Position	Name	Division A/B/C	SMITH / SAVAGE (T)
<b>5. Incident Commander and Staff</b>		Division L/M	STEVENS / OLSON / LINDSEY (T)
Incident Commander	MICHAEL DIETRICH	Division N	BARNHART / BROWN / WEBER (T)
Deputy	TOM CABLE	Division O/P	SANDOVAL / EBEL / DESPAIN (T)
Safety Officer	DAVE MORTON	Division S/T	
Information Officer	LEONA RODREICK / TOM EFIRD	Division Q/R/U/V	UNSTAFFED
Human Resource Officer	MIKE BAINES	<b>b.</b>	
<b>6. Agency Representative</b>		Branch Director	
Agency	Name		
Agency Administrators	JOHN BUEHLER	Division	
Resource Advisor	GARR ABBAS	Division	
Karuk Tribe	HAROLD TRIPP / NORM GOODWIN		
Technical Spec	BOB RONSSE		
Cal Fire; Siskyou Sheriff Office; OES Fire;HCVFD	HERB LOVE / JOHN EVANS/DAN TINNEL / KIRK EDIE		
<b>7. Planning Section</b>		<b>c.</b>	
Chief	TIM BAAL	Branch Director	
Deputy	MARK WURDEMAN	Division	
Resources Unit	PETE HOCHREIN / THOM WALSH	Division	
Situation Unit	MARK STEELE	Division	
Documentation Unit	JAN CAWTHON (t)	Division	
Demobilization Unit	JEFF STONE / LARRY DETZLER		
Fire Behavior Analyst	DAN FELIX		
Meteorologist	BRETT LUTZ	<b>d. Air Operations Branch</b>	
Training Specialist	WAYNE SMETANKA	Air Operations Branch Director	JOHN KEESEE (t)
GIS Specialist	SEAN REDAR, KYLE FELKER, SUEANNE CMEHIL-WARN	Helibase Manager	MIKE WRIGHT
Computer Specialist	DAVE CAMP	Air Attack Supervisor	BOYD TURNER
		Air Support Supervisor	
		Helicopter Coordinator	
		Air Tanker Coordinator	
<b>8. Logistics Section</b>		<b>10. Finance Section</b>	
Chief	DANA SIMPSON, SAM SCOLES (t)	Chief	TERESA FORK
Deputy	HERN CRANE	Deputy	CONNIE WILLIAMS
Supply Unit	JOE MCMAHON	Time Unit	KAREN JONES
Facilities Unit	BILL FOUTS / BRUCE UNGARI	Procurement Unit	MARK PHILLIPP
Ground Support Unit	DON HILL / HARRY ZABEL	Compensation/Claims Unit	ELAINE DOWNING
Communications Unit	HERN CRANE	Cost Unit	MARY GLENN
Medical Unit	ROBERT RUSSELL	Prepared by (Resource Unit Leader)	
Security Unit	TOM DODD		
Food Unit	JAY WESTLAKE / RICHARD RIVERS		

## Fire Weather Forecast

FORECAST NO: 32

NAME OF FIRE: Elk Complex

PREDICTION FOR: DAY SHIFT

UNIT: Klamath NF

SHIFT DATE: July 30, 2007

SIGNED:

TIME AND DATE            2100 PST  
FORECAST ISSUED:        July 29, 2007

Incident Meteorologist  
Brett T. Lutz

---

**WEATHER DISCUSSION:** The upper level High will continue to weaken slightly through Monday morning. Moister air will continue to filter in this evening and overnight as marine air filters in through the valleys. Conditions will begin to heat up and dry once again Monday afternoon through Wednesday morning as the upper level high strengthens. This will mean poor ridge-top RH recoveries.

---

### **MONDAY:**

**WEATHER:** Patchy fog, low clouds, and smoke. Patchy fog and low clouds dissipating by 11am. Smoke dissipating by 3pm. Mostly sunny after 11am.

**TEMPERATURES:** 92-97 along the Klamath River, 87-92 1500ft up to 3500ft. 82-87 above 3500 feet.  
**Trend: Little Change.**

**MIN HUMIDITY:** 20-30% below 2500ft, and 30-40 % slopes above 2500ft to the ridges.  
**Trend: Little Change.**

### **20 foot WINDS:**

**RIDGETOP-** E 6-11mph through 10am and then becoming variable. Wind then W-N 8-12mph with Gusts 12-18mph after noon, except SW above SW-NE oriented drainages  
**Trend: Some directional change.**

**SLOPES/VALLEYS-** Down-slope/down-valley 2-6 mph through 10am, then variable 1-3 mph. Wind becoming upslope 5-12 mph in the afternoon, except southwest up-valley 8-12 mph with gusts 12-18 mph in the Klamath River Canyon late in the afternoon and into the evening. **Trend: Down 2-5 mph.**

**STABILITY/INVERSION:** Marine layer inversion near 4000 ft MSL, breaking around 2-3pm.  
**HAINES INDEX:** 4 (Dry air over the fire again)

---

### **MONDAY NIGHT:**

**WEATHER:** *Moderate offshore flow with poor ridge-top RH recoveries.*

A few cumulus in the evening, then clear. Smoke gathering below the inversion after 9pm.

**TEMPERATURES:** 54-59 valleys and lower slopes, and 59-64 mid-slopes and ridges.

**MAX HUMIDITY:** 40-50% 3500 feet to ridges, 50-65% 3500-2000ft, and 65-75% 2000ft-valleys.

**20 foot WINDS:** Becoming Northeast then East 6-11mph with gusts 12-22mph on the ridges. Becoming down-slope and down-valley 3-6mph elsewhere, except gusty on higher east facing slopes.

---

**EXTENDED FORECAST:** Tuesday through Thursday- Mostly Clear. Areas of smoke, most prevalent during the mornings. Highs 96-103 valleys and lower slopes, and 86-96 mid-slopes to 5000ft. Lows 52-62. NE offshore winds 12-17 mph on the ridges Tuesday night with poor ridge-top recoveries of 30-40%. Otherwise, slope and valley winds. Daytime RHs generally 15-25% valleys to 25-35% upper elevations.

---

### **OBSERVED WEATHER:**

Klamath Canyon (930 ft): High Friday 98, Min Humidity 25% @ 1600  
Happy Camp (1500 ft): High Friday 94, Min Humidity 23% @ 1715  
Titus FRWS17 (3700 ft): High Friday 87, Min Humidity 32% @ 1635  
Slater Butte (4670 ft): High Friday 85, Min Humidity 30% @ 1645

## FIRE BEHAVIOR FORECAST NO. 25

NAME OF FIRE: Elk Complex PREDICTION FOR: Day Shift  
AGENCIES: USFS, BLM, BIA, Siskiyou SO, CDF SHIFT DATE: 07/30/07 (Monday)  
TIME AND DATE SIGNED: D. Felix FBAN A. Reiling BHAV  
FORECAST ISSUED: 07/29/07 2100 Hours

**WEATHER SUMMARY:** Areas of low clouds and patchy fog early, then mostly sunny. Temperatures between 80 to 90 with the higher temperatures in the lower elevations. Normal wind patterns for the valley and slopes. Ridge winds northeast to east changing to north to northeast RH,s between 30 and 40 %. *See attached fire weather forecast issued 7/29/07 at 2100 hours.*

### **FIRE BEHAVIOR GENERAL:**

Expect surface fire with occasional torching, and short runs where wind, fuel, slope align. Most fuels are receptive to burning on south, west, and east slopes. Young plantations with heavy shrub component are resistant to burning. Rolling material is moving fire down slope. The topography is very complex, steep, and rugged. Fuels are primarily brush, plantations, and timber litter, with some rocky areas supporting sparse vegetation. Live fuel moistures in the mid-80% range. Peak burning conditions are generally from 1500 to 1900 hrs.

#### **Fire Behavior – Optimal Alignment**

<b>Fuel Type</b>	<b>ROS (ft./min) Fwd.</b>	<b>ROS Flank</b>	<b>ROS Back</b>	<b>FL (ft.)</b>	<b>Spotting (mi.)</b>	<b>pI</b>
Sh3 Mod load shrub, plantations	3 - 7	0 - .3	0 - .2	2 - 4	0..20	57
Tl8 Timber litter	5 - 10	0 - .6	0 - .3	2 - 5	0.20	58

**Local Thresholds:** These factors in combination with a high ERC may greatly increase fire behavior: 20' wind speed over 7 mph; RH less than 25%; temperature over 81°; ERC over 46. Avg. BI for late-July 64.

Observed ERC/BI Oak Knoll 7-29: 58 / 52 Predicted ERC/BI 7-30: 58 / 51

### **SPECIFIC:**

**Branch I:** Surface fire with slow spread rates, occasional torching in jackpots continues to consume fuels within the burn. As observed yesterday hidden spots are still a possibility. Burning is active in heavy fuels. Rolling material will ignite receptive fuels, making gradual short runs. Holding and mop up operations favorable, where the terrain is workable. North slopes resistant to burning. Short range spotting more likely than longer range and resistance to control should be favorable.

**Branch II:** Interior burn out subsiding, remaining mostly in heavy fuels. Fire is still consuming the fuels in the lower drainages. Conditions for holding and mop-up will be favorable near control lines. Material roll out onto roads may pose a hazard.

**Branch IV:** Slow fire advance and heavy fuels burnout through the shift. Occasional short runs where fuels, wind, and slope align. Resistance to control should be favorable.

**AVIATION OPERATIONS:** Inversion mixing out around noon. Gusty afternoon winds.

**SAFETY:** Fuels continue to dry out. Many heat sources are available to allow these fuels to ignite. Snags, unburned islands, and heavy fuels will continue to lie and wait until the right opportunity presents itself. Maintain situational awareness.

**Sunrise: 0606                      Sunset: 2033**

<b>Division Assignment List</b>			1. Branch		2. Division/Group <b>Div A / B / C</b>		
3. Incident Name <b>ELK COMPLEX</b>			4. Operational Period <b>07/30/07 Monday Day Shift 0600 - 1800</b>				
5. <b>Operations Personnel</b>							
Operations Chief		PETE DUNCAN / ALEC LANE (T) / DON WILL		Division/Group Supervisor		MIKE SMITH / ALBERT SAVAGE (T)	
Operations Chief				Air Attack Supervisor		STAN KUBOTA / BOYD TURNER	
Branch Director				Safety Officer		MICHAEL TACZI / DAVE MORTON	
6. <b>Resources Assigned this Period</b>							
Strike Team/Task Force/ Resource Designator		Leader		Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time
CRW2IA LOST RIVER		NICK LEE		20	N	Per DIVS	Per DIVS
CRW2 BLACK EAGLES 4		TOM FIELDEN		20	N	Per DIVS	Per DIVS
CREW2 CTS#2		JAMES BENDER		20	N	Per DIVS	Per DIVS
CRW2 OC 36		TODD MOORE		19	N	Per DIVS	Per DIVS
CRW2 BLACK EAGLES 3		ROBERT K BROWN		20	N	Per DIVS	Per DIVS
ENGS/T SRF 2601C		STEVE DAMBRA		26	N	Per DIVS	Per DIVS
GRDR DARRAH LOGGING (E-142)		KEITH DARRAH		1	N	Per DIVS	Per DIVS
LOWB DARRAH LOGGING (E-160)		KEITH DARRAH		1	N	Per DIVS	Per DIVS
WT2 WILLIAMS (E-165)		ARVIL WILLIAMS		1	N	Per DIVS	Per DIVS
WT2 AQUILA #114 (E-166)		MARK HARRIS		2	N	Per DIVS	Per DIVS
WT 2 DARRAH (E-6)		DAVE NICOSON		1	N	Per DIVS	Per DIVS
EMTP		DANIEL REESE		1	N	Per DIVS	Per DIVS
EMTB		ROBERT WALTERS		1	N	Per DIVS	Per DIVS
SOF2		DAVE SARGENTI		1	N	Per DIVS	Per DIVS
7. Control Operations							
-- Patrol and mop-up 150 feet along control lines. -- Personnel to stay clear of road 17N16 from DP10 to DP38. -- COLLECT and BACKHAUL all garbage, jerry cans, surplus hose, fittings, pumps, and any other un-needed material and equipment to nearest drop points. Inventory remaining equipment and notify Logistics of drop point locations for backhaul.							
8. Special Instructions							
-- Ensure escape routes and safety zones are in place. -- Stay 500 feet or more down stream of any confluence for dipping or drafting operations. -- Fill watertenders at designated sites only. -- ALL BATTERIES MUST BE RECYCLED! -- Crews to use class A foam for initial attack, direct construction, mopup; staying 300 ft away from waterways. -- Secure all fuel supplies to prevent fuel spills.							
9. <b>Division/Group Communications Summary</b>							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	168.7000N	170.9750N		NIRSC	1	NIFC C-1	
Tactical Div/Group	168.0500N	168.0500N		NIRSC	5	NIFC TAC-1	
Logistics							
Air to Ground	165.6000N	165.6000N		NIRSC	11		
Prepared by (Resource Unit Leader) Pete Hochrein			Approved by (Planning Section Chief) Tim Baal			Date Prepared 07/29/07	Time Prepared 1418

<b>Division Assignment List</b>			1. Branch		2. Division/Group <b>Div L / M</b>		
3. Incident Name <b>ELK COMPLEX</b>			4. Operational Period <b>07/30/07 Monday Day Shift 0600 - 1800</b>				
5. <b>Operations Personnel</b>							
Operations Chief		PETE DUNCAN / ALEC LANE (T) / DON WILL		Division/Group Supervisor		STEVENS / OLSON / LINDSEY (T)	
Operations Chief				Air Attack Supervisor		STAN KUBOTA / BOYD TURNER	
Branch Director				Safety Officer		MICHAEL TACZI / DAVE MORTON	
6. <b>Resources Assigned this Period</b>							
Strike Team/Task Force/ Resource Designator		Leader		Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time
CRW1 KLAMATH HS		JOHNNY L CLEM		22	N	Per DIVS	Per DIVS
CRW1 SHASTA LAKE HS		JEFFERY MICHELS		20	N	Per DIVS	Per DIVS
CRW1 PLUMAS HS		JACK SEVELSON		20	N	Per DIVS	Per DIVS
ENG3 BUCHHOLZ		JASON BUCHHOLZ		3	N	Per DIVS	Per DIVS
ENG3 SHF34		EZRA STILES		5	N	Per DIVS	Per DIVS
ENG3 KNF26		MARIO GOMEZ		5	N	Per DIVS	Per DIVS
WT2 DARRAH LOGGING (E-57)		KEITH DARRAH		1	N	Per DIVS	Per DIVS
FOBS		EMERY GLUCK		1	N	Per DIVS	Per DIVS
FOBS		TIM BRADLEY		1	N	Per DIVS	Per DIVS
EMTP		DAN FRANCE		1	N	Per DIVS	Per DIVS
EMTP		JASON PACE		1	N	Per DIVS	Per DIVS
ARCH		TROTTER, ROSS		1	N	Per DIVS	Per DIVS
ARCH		KENT JULIN		1	N	Per DIVS	Per DIVS
7. Control Operations -- Monitor and patrol. Mop-up spot fire 100% and hold. -- All Batteries MUST be Recycled! -- Secure all fuel supplies to prevent fuel spills.							
8. Special Instructions -- Park only in designated areas along Elk Creek Rd flagged in red and bright yellow-green. -- Ensure escape routes and safety zones are in place. -- Stay 500 feet or more down stream of any confluence for dipping or drafting operations. -- Crews to use class A foam for initial attack, direct construction, mopup; staying 300 ft away from waterways. -- COLLECT and BACKHAUL all garbage, jerry cans, surplus hose, fittings, pumps, and any other un-needed material and equipment to nearest drop points. Inventory remaining equipment and notify Logistics of drop point locations.							
9. <b>Division/Group Communications Summary</b>							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	173.0375N	167.3250N		NIRSC	3		
Tactical Div/Group	168.6000N	168.6000N		NIRSC	6	NIFC TAC-3	
Logistics							
Air to Ground	165.6000N	165.6000N		NIRSC	11		
Prepared by (Resource Unit Leader) Thom Walsh			Approved by (Planning Section Chief) Tim Baal		Date Prepared 07/29/07		Time Prepared 1418





<b>Division Assignment List</b>			1. Branch		2. Division/Group <b>Div O / P</b>		
3. Incident Name <b>ELK COMPLEX</b>			4. Operational Period <b>07/30/07 Monday Day Shift 0600 - 1800</b>				
<b>5. Operations Personnel</b>							
Operations Chief		PETE DUNCAN / ALEC LANE (T) / DON WILL		Division/Group Supervisor		SANDOVAL / EBEL / DESPAIN (t)	
Operations Chief				Air Attack Supervisor		STAN KUBOTA / BOYD TURNER	
Branch Director				Safety Officer		MICHAEL TACZI / DAVE MORTON	
<b>6. Resources Assigned this Period</b>							
Strike Team/Task Force/ Resource Designator		Leader		Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time
CRW1 TAHOE HS		TODD WHITE		20	N	Per DIVS	Per DIVS
CRW1 SALMON RIVER HS		JAMES L ALLEN		21	N	Per DIVS	Per DIVS
CRW1 BIG BEAR HS		JIMMY AVILA		20	N	Per DIVS	Per DIVS
CRW1 BRECKENRIDGE HS		ADAM L SANDERS		18	N	Per DIVS	Per DIVS
CRW2 OTTAWA #1		ROBERT GARRISON		20	N	Per DIVS	Per DIVS
CRW2IA SIX RIVERS CREW 3		ROBERT J RATHJEN		20	N	Per DIVS	Per DIVS
CRW2 OC 25		DONNA A BRETON		19	N	Per DIVS	Per DIVS
ENGS/T PNF 3660C		CHEVEYO MUNK		27	N	Per DIVS	Per DIVS
WT2 DARRAH LOGGING (E-27)		KEITH PIERCE		1	N	Per DIVS	Per DIVS
CHIP BURKE (E-293)		TIM BURKE		1	N	Per DIVS	Per DIVS
CHIP KARUK (E-295)		WILLIAM TRIPP		3	N	Per DIVS	Per DIVS
FELB		CHUCK LEWIS		1	N	Per DIVS	Per DIVS
FALC NZ MOD 2		STEWART / STACHER		2	N	Per DIVS	Per DIVS
FOBS		CRAIG SNIDER		1	N	Per DIVS	Per DIVS
SOF2 / SOF2(T)		R. BROWN / J. HARTER		2	N	Per DIVS	Per DIVS
EMTP		PHILLIP CRAMBELT		1	N	Per DIVS	Per DIVS
EMTP		RICH PORCELLI		1	N	Per DIVS	Per DIVS
<b>7. Control Operations</b>							
<ul style="list-style-type: none"> <li>-- Mop-up 200 feet in along contol lines where safe.</li> <li>-- COLLECT and BACKHAUL all garbage, jerry cans, surplus hose, fittings, pumps, and any other un-needed material and equipment to nearest drop points. Inventory remaining equipment and notify Logistics of drop point locations.</li> <li>-- Be sensitive to firing intensity in preservation of Native American Cultural Resources.</li> </ul>							
<b>8. Special Instructions</b>							
<ul style="list-style-type: none"> <li>-- Anticipate aerial ignition operation approved through Operations.</li> <li>-- Park only in designated areas along Elk Creek Rd flagged in red and bright yellow-green.</li> <li>-- Ensure escape routes and safety zones are in place.</li> <li>-- Stay 500 feet or more down stream of any confluence for dipping or drafting operations.</li> <li>-- ALL BATTERIES MUST BE RECYCLED!</li> <li>-- Crews to use class A foam for initial attack, direct construction, mopup; staying 300 ft away from waterways.</li> </ul>							
<b>9. Division/Group Communications Summary</b>							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	173.0375N	167.3250N		NIRSC	3		
Tactical Div/Group	166.7250N	166.7250N		NIRSC	7	BLM TAC-1	
Logistics							
Air to Ground	165.6000N	165.6000N		NIRSC	11		
Prepared by (Resource Unit Leader) Thom Walsh			Approved by (Planning Section Chief) Tim Baal		Date Prepared 07/29/07		Time Prepared 1418



<b>Division Assignment List</b>		1. Branch		2. Division/Group <b>Div S / T</b>			
3. Incident Name <b>ELK COMPLEX</b>		4. Operational Period <b>07/30/07 Monday Day Shift 0600 - 1800</b>					
5. Operations Personnel							
Operations Chief	PETE DUNCAN / ALEC LANE (T) / DON WILL			Division/Group Supervisor			
Operations Chief				Air Attack Supervisor		STAN KUBOTA / BOYD TURNER	
Branch Director				Safety Officer		MICHAEL TACZI / DAVE MORTON	
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time		
ARCH	KATHY MCCOVEY	1	N	Per OPBD	Per OPBD		
INCS	NORMAN GOODWIN	1	N	Per OPBD	Per OPBD		
INCS	LAWRENCE WILLIAMS	1	N	Per OPBD	Per OPBD		
INCS	GABRIEL MONTGOMERY	1	N	Per OPBD	Per OPBD		
SOFT (T)	THOMAS KELLY	1	N	Per OPBD	Per OPBD		
FOBS	KERRI UGLIK	1	N	Per OPBD	Per OPBD		
FOBS (T)	NATHANIEL J ZALEWSKI	1	N	Per OPBD	Per OPBD		
7. Control Operations							
-- Monitor fire progress towards Klamath River from Ferry Point to Doolittle Creek.							
-- ARCH and INCS to coordinate location with OPS.							
8. Special Instructions							
-- Park only in designated areas along Elk Creek Rd flagged in red and bright yellow-green.							
-- Ensure escape routes and safety zones are in place.							
-- Stay 500 feet or more down stream of any confluence for dipping or drafting operations.							
-- Fill watertenders at designated sites only.							
-- ALL BATTERIES MUST BE RECYCLED!							
-- Crews to use class A foam for initial attack, direct construction, mopup; staying 300 ft away from waterways.							
-- COLLECT and BACKHAUL all garbage, jerry cans, surplus hose, fittings, pumps, and any other un-needed material and equipment to nearest drop points. Inventory remaining equipment and notify Logistics of drop point locations.							
9. Division/Group Communications Summary							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	173.0375N	167.3250N		NIRSC	3		
Tactical Div/Group	166.7750N	166.7750N		NIRSC	8	BLM TAC-2	
Logistics							
Air to Ground	165.6000N	165.6000N		NIRSC	11		
Prepared by (Resource Unit Leader)			Approved by (Planning Section Chief)		Date Prepared	Time Prepared	
Thom Walsh			Tim Baal		07/29/07	1418	





Priority	Missions	Time		
1	Protect town of Happy Camp, Grider Fire. Top priority!		0800	
1	Support burning operation on Grider Fire.		0800	
2	Recons and mapping with type 3 helicopters		0830	
2	Initial Attack with H-503, additional support as needed		As needed	
3	Support other fires as needed		As needed	
	Air Attack available as needed.		As needed	
	For helitack personnel, manage flight time to avoid 6/36		As needed	
	Line personnel notify Division with needs and visibility reports		As needed	
	AA 507 (Cobra) for Helicopter Coordinator		As needed	
	Air/Ground Frequency 166.3625 is for aerial ignition operations ONLY			

INCIDENT RADIO COMMUNICATIONS PLAN			1. INCIDENT NAME ELK COMPLEX		2. DATE / TIME PREPARED 07/29/07 2100	3. OPERATIONAL PERIOD 07/30/07 0600-1800
4. BASIC RADIO CHANNEL UTILIZATION						
SYSTEM / CACHE	CHANNEL	FUNCTION	FREQUENCY		ASSIGNMENT	REMARKS
NIRSC	1	NIFC C-1	Rx	168.7000 N	COMMAND NORTH	
			Tx	170.9750 N		
NIRSC	2	NIFC C-4	Rx	166.6125 N	COMMAND EAST	
			Tx	168.4000 N		
NIRSC	3	NIFC C-12	Rx	173.0375 N	COMMAND SOUTH	
			Tx	167.3250 N		
NIRSC	4	KNF ORANGE	Rx	168.7750 N	FOREST NET RPT	USE TONE 2, 4, 11
			Tx	170.5750 N		
NIRSC	5	NIFC TAC-1	Rx	168.0500 N	DIV A/B/C/	
			Tx	168.0500 N		
NIRSC	6	NIFC TAC-3	Rx	168.6000 N	DIV L/M	
			Tx	168.6000 N		
NIRSC	7	BLM TAC-1	Rx	166.7250 N	DIV O/P	
			Tx	166.7250 N		
NIRSC	8	BLM TAC-2	Rx	166.7750 N	DIV S/T	
			Tx	166.7750 N		
NIRSC	9	BLM TAC-3	Rx	168.2500 N	DIV N	
			Tx	168.2500 N		
NIRSC	10	R5 TAC-6	Rx	173.9875 N	DIV Q/R/U/V	
			Tx	173.9875 N		
NIRSC	11	AIR TO GROUND	Rx	165.6000 N	ALL AREAS A/G	
			Tx	165.6000 N		
NIRSC	12	AIR TO GROUND	Rx	166.3625 N	FIRING GROUP	
			Tx	166.3625 N		
NIRSC	13	R5 TAC-4	Rx	173.9125 N	FIRING GROUP	
			Tx	173.9125 N		
NIRSC	14	AIR GUARD	Rx	168.6250 N	AIR GUARD	EMERGENCY USE ONLY
			Tx	168.6250 N		
NIRSC	15		Rx			
			Tx			
NIRSC	16	AIR GUARD	Rx	168.6250 N	AIR GUARD	EMERGENCY USE ONLY
			Tx	168.6250 N		
ICS 205 9/86 NFES 1330		5. PREPARED BY: (COMMUNICATIONS UNIT)  <i>HERN CRANE COM UNIT LEADER</i>				

<b>MEDICAL PLAN</b>	1. INCIDENT NAME <b>Eik</b>	2. DATE PREPARED 07-29-07	3. TIME PREPARED 2100hrs	4. OPERATIONAL PERIOD 7-30 0600-1800
---------------------	--------------------------------	------------------------------	-----------------------------	---

5. INCIDENT MEDICAL AID STATIONS				
MEDICAL AID STATIONS	LOCATION	PARAMEDICS		
		YES	NO	
Frontline Medical	Eik ICP	XX		

6. TRANSPORTATION				
NAME	ADDRESS	PHONE	PARAMEDICS	
			YES	NO
Happy Camp Ambulance Medic 23	Happy Camp	530-493-2643		XX
Northern Siskiyou Ambulance Medic 62	Independence Bridge	530-493-1528	XX	
Mercy Flight	Medford, OR	911/530-842-7066	XX	
CHP H-14, H-16 (Rescue Hoist)	Redding, CA	911/530-842-7066	XX	
REACH	Redding, CA	911/530-842-7066	XX	

7. HOSPITALS								
NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER	
		AIR	GRND		YES	NO	YES	NO
Fairchild Medical Center	444 Bruce Street, Yreka CA	15 min	1.5 hr	530-842-4121		X		X
Rouge Valley Medical	2525 Barnet, Medford OR	20 min	2.5 hr	541-608-4144	X			X
Shasta Regional Medical Center	1100 Butte, Redding CA	30 min	3 hr	530-243-4042	X			X
UC Davis Burn Center	2315 Stockton Blvd., Sacramento CA	2 hr	6 hr	916-734-3544 or Blue Net 155.340	X		X	
Mercy Med Center Level 2 Trauma	2175 Rosaline Ave, Redding CA	30 min	3 hr	530-225-7201	X			X

**8. MEDICAL EMERGENCY PROCEDURES**

<ul style="list-style-type: none"> <li>In the event of a line medical incident, initiate care with available resources and notify Division Supervisor.</li> <li>The Division Supervisor and/or Line SOF shall determine if the injury can be handled with available resources and recommend the most appropriate method of transportation (Air/Ground).</li> <li>For serious or life threatening injuries, the Division Supervisor and or Branch Director shall contact the Communications Unit to advise the nature and location of the incident and request appropriate additional resources.</li> <li>The Communications Unit shall limit all non essential traffic on command by declaring a "Medical Emergency" and shall then notify the Medical Unit, Safety Officer, and Operations Section Chief of the incident.</li> <li>The Division Supervisor shall coordinate the incident and direct necessary actions.</li> </ul>	<p>√</p> <p><input type="checkbox"/> Patient 1 of _____</p> <p><input type="checkbox"/> Emergency _____ Non Emergency _____</p> <p><input type="checkbox"/> Is a helicopter required for transportation? Yes _____ No _____</p> <p><input type="checkbox"/> Location _____ Lat _____ Long _____</p> <p><input type="checkbox"/> Age _____ Sex _____ Weight _____</p> <p><input type="checkbox"/> Severity: Minor _____ Delayed _____ Immediate _____</p> <p><input type="checkbox"/> Chief Complaint _____</p> <p><input type="checkbox"/> Any additional resources required _____</p>
--	--

<b>ICS 206</b>	9. PREPARED BY (MEDICAL UNIT LEADER) <b>Robert Russell MEDL</b>	10. REVIEWED BY (SAFETY OFFICER) <b>Dave Morton SOF1</b>
----------------	--	---



# HEALTH AND SAFETY MESSAGE

**SAFETY** starts with **YOU**

We are **ALL** accountable for **SAFE** behaviors

INCIDENT: Elk Complex

DATE: July 30, 2007 Day

TIME: 0600-1800

## Major Hazards and Risks:

**Fire Behavior** - Disengage early; know your escape routes and safety zones.

**Dehydration** - Continue to drink fluids. Supplement with Gatorade at a ratio of 4 to 1.

**Hazard Trees** - Remember, not all hazard trees are black; check roots, limbs and trunks for signs of weakness.

**Bears** - Keep your camping area clean of food. Do not leave food or trash on the fireline. Make noise.

**Transportation** - Drive defensively with lights on.

**Heavy Equipment** - When approaching, make sure the operator can see you.

**Transitioning** - NorCal I IMT will transition today. Make sure instructions are clearly understood

**Complacency** - Challenge one another to stay alert, creative and safe. Be patient.

## Fire Order of the Day –Give clear instructions and be sure they are understood

**Narrative:** The transition period between incident management teams can be one of the most confusing times on a fire. If there was going to be a Watch Out Situation #19 added, this would be a good candidate. Communicating with new people means we can't take anything for granted. Please take the time today to make sure instructions given and received are clearly understood. Don't assume anything and don't be afraid to ask questions. We can make this transition clean and seamless if everyone pays particular attention to communication today. Most of all, we can ensure that this transition is SAFE AND ACCIDENT FREE! Stay heads up and have a safe day.

## Watch Out Situation of the Day



6. INSTRUCTIONS AND ASSIGNMENTS NOT CLEAR

## Escape Route/Safety Zone Checklist

### Escape Routes:

- \*More than one escape route
- \*Scouted – soils, vegetation, slope
- \*Timed – slowest person, fatigue, dozer speed
- \*Marked – flagged for day and night use

### Safety Zones:

- \*Survivable without a shelter
- \*Natural – clean burn, water, bare soil/rock
- \*Manmade – constructed sites, roads
- \*Scouted for size and hazards
- \*Close enough considering escape time needed

### Remember and Follow:

- \*The 10 Standard Fire Orders
- \*The 18 Situations That Shout Watch Out
- \*The Common Denominators of Fire Behavior on Tragedy Fires
- \*The Downhill Line Construction Guidelines

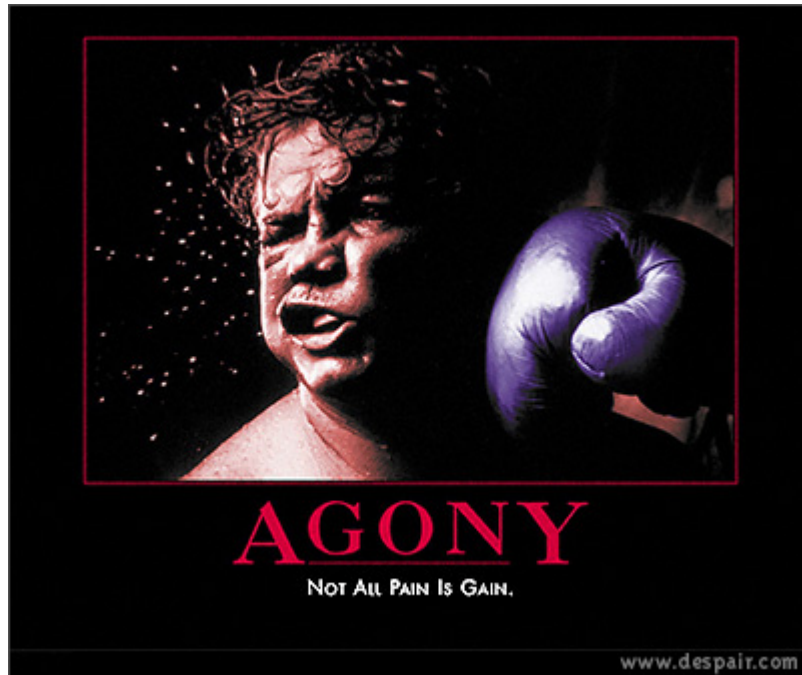
Incident Safety Officer: David Morton

## ELK COMPLEX - INCIDENT RISK ANALYSIS (215a)

DIV	HAZARDS / ISSUES	MITIGATIONS / WARNINGS / REMEDIES
ALL	<b>SNAG HAZARDS</b>	<ul style="list-style-type: none"> <li>• Follow Hazard Tree Safety Guidelines (IRPG p. 80).</li> <li>• Limit number of personnel around snags and their exposure time; fallers must be qualified for trees being fallen.</li> <li>• Be especially alert around snags during wind events and after dark.</li> <li>• Check overhead for dead branches in sleeping areas.</li> <li>• <b>Maintain Situational Awareness!</b></li> </ul>
ALL	<b>DRIVING HAZARDS</b>	<ul style="list-style-type: none"> <li>• Drive defensively at all times, drive w/headlights on, use chock blocks, use backers. <b>Adhere to Elk Creek Traffic Plan.</b></li> <li>• Exercise caution when driving on “out-sloped” roads.</li> <li>• Be alert for wildlife; slow down on washboard surfaces.</li> <li>• Increase following distances on dusty roads. Slow down when you meet opposing traffic. Be able to stop within one half of the visible distance on blind curves. <b>Maintain Situational Awareness!</b></li> </ul>
BR I	<b>FIRING OPERATIONS</b>	<ul style="list-style-type: none"> <li>• A written guideline shall be prepared and approved for major burning ops.</li> <li>• Conduct thorough briefing for all personnel (inside rear cover IRPG).</li> <li>• Qualified personnel for all assignments. Trainees to have qualified trainers.</li> <li>• Utilize Risk Mgmt. Process (IRPG p. 1) for implementing the plan.</li> <li>• Required PPE to be worn by all personnel involved.</li> <li>• Establish LCES prior to implementing burning operations (IRPG p. 6).</li> <li>• Assign an over-all Firing Boss to coordinate ignitions when simultaneous burning operations are planned for multiple locations.</li> </ul>
ALL	<b>TRANSITION</b>	<ul style="list-style-type: none"> <li>• Know who you are working for! Get acquainted with new supervisors and personnel from incoming team.</li> <li>• Make sure you receive a thorough briefing. If unclear, ask questions!</li> </ul>
ALL	<b>AIRCRAFT OPERATIONS</b>	<ul style="list-style-type: none"> <li>• Use risk analysis to determine if any given flight is necessary.</li> <li>• Keep personnel out of drop zones.</li> <li>• Use air-to-ground freq. to communicate with aircraft.</li> <li>• Use concise statements &amp; clock directions when directing aircraft.</li> <li>• Maintain good separation between ground forces &amp; aerial ignition.</li> <li>• Avoid “heli-mopping”. Eliminate unnecessary pilot exposure.</li> </ul>
ALL	<b>FATIGUE</b>	<ul style="list-style-type: none"> <li>• Be alert for signs of fatigue and take breaks as necessary. Maintain 2:1 work/rest ratio. Monitor incoming resources for level of fatigue.</li> </ul>
ALL	<b>HYDRATION</b>	<ul style="list-style-type: none"> <li>• Encourage drinking water before, during and after shifts, up to 1.5 gal.</li> <li>• Be alert for signs of heat stress in yourself and others.</li> </ul>
ALL	<b>BEARS</b>	<ul style="list-style-type: none"> <li>• Pick up and remove all trash from fire line. Don't allow food storage in tents. Manage trash in spike camps to avoid attracting bears.</li> </ul>
ALL	<b>FOOT TRAVEL</b>	<ul style="list-style-type: none"> <li>• When walking through steep, rocky, and possibly wet terrain, watch footing and maintain proper spacing.</li> <li>• Watch for over-head hazards, carry tools downhill side.</li> <li>• Treat “hot spots” on feet before they become blisters.</li> <li>• Refer to F.S. Health and Safety Code sections 18.1, 18.2, 18.3.</li> </ul>
DIV T	<b>RIVER CROSSING ON RAFTS</b>	<ul style="list-style-type: none"> <li>• All personnel being transported must receive safety briefing and follow instructions of raft coordinator.</li> <li>• Personnel being transported must wear personal flotation device.</li> </ul>
ALL	<b>POTENTIAL FOR EXTREME FIRE BEHAVIOR</b>	<ul style="list-style-type: none"> <li>• Review “Severe Fire Behavior Potential” (IRPG p.76).</li> <li>• Monitor current weather conditions and forecasts. Make sure all personnel receive thorough briefings every shift.</li> <li>• Maintain adequate escape routes and safety zones. Set trigger points.</li> <li>• <b>Maintain Situational Awareness!</b></li> </ul>
BR I	<b>LINE CONSTRUCTION</b>	<ul style="list-style-type: none"> <li>• Conduct thorough briefing for all personnel involved (rear cover IRPG).</li> <li>• Ensure LCES in place prior to engagement (IRPG p. 6).</li> <li>• Establish adequate safety zones (IRPG p.7) and escape routes.</li> <li>• Use Downhill Line Checklist (IRPG p. 8).</li> <li>• Use “Look Up, Look Down, Look Around” procedures (IRPG p. 2-3)</li> <li>• Utilize Risk Management Process (IRPG p.1).</li> </ul>
07/30/2007	DAY / NIGHT	<p style="text-align: center;"><b>PREPARED: 07/29/2007 at 1900</b></p> <p style="text-align: right;"><b>Prepared by Marty Hamel</b></p>



# HUMAN RESOURCE MESSAGE



If there is anyway I can assist you, please do not hesitate to contact me.

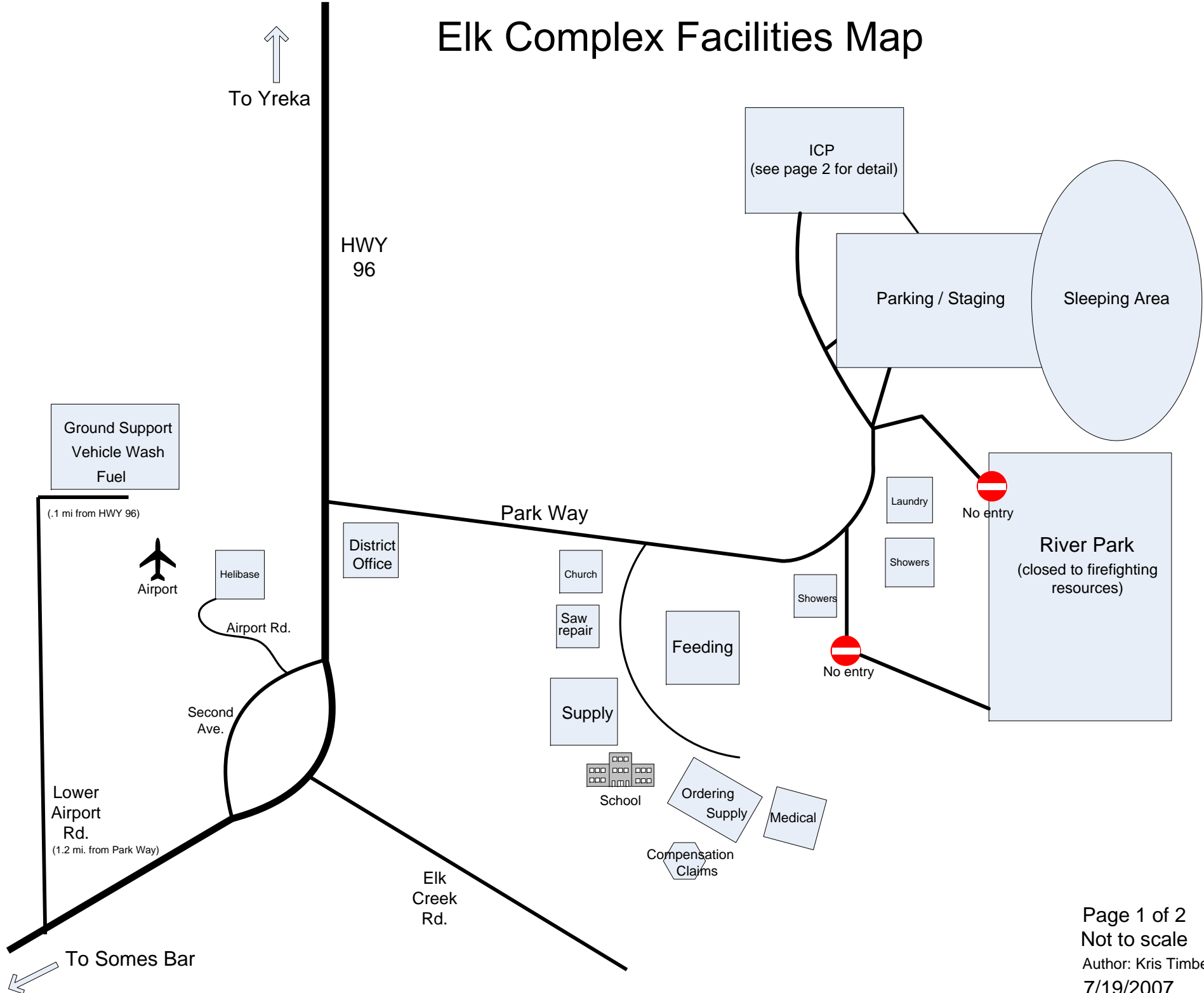


**Your Human Resource Specialist,  
Mike Baines**

# Elk Complex Facilities Map

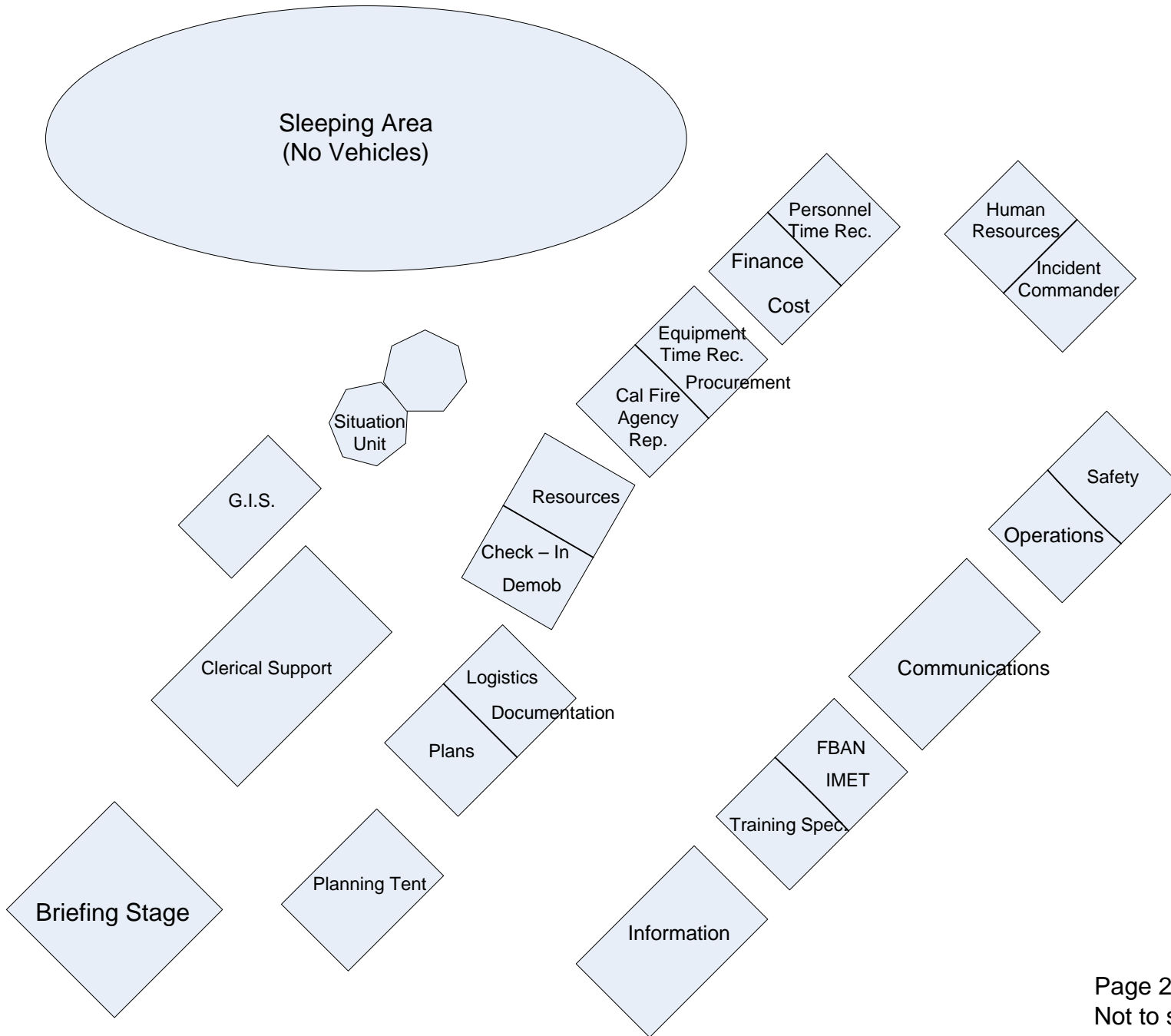


To Yreka  
↑



To Somes Bar  
↙

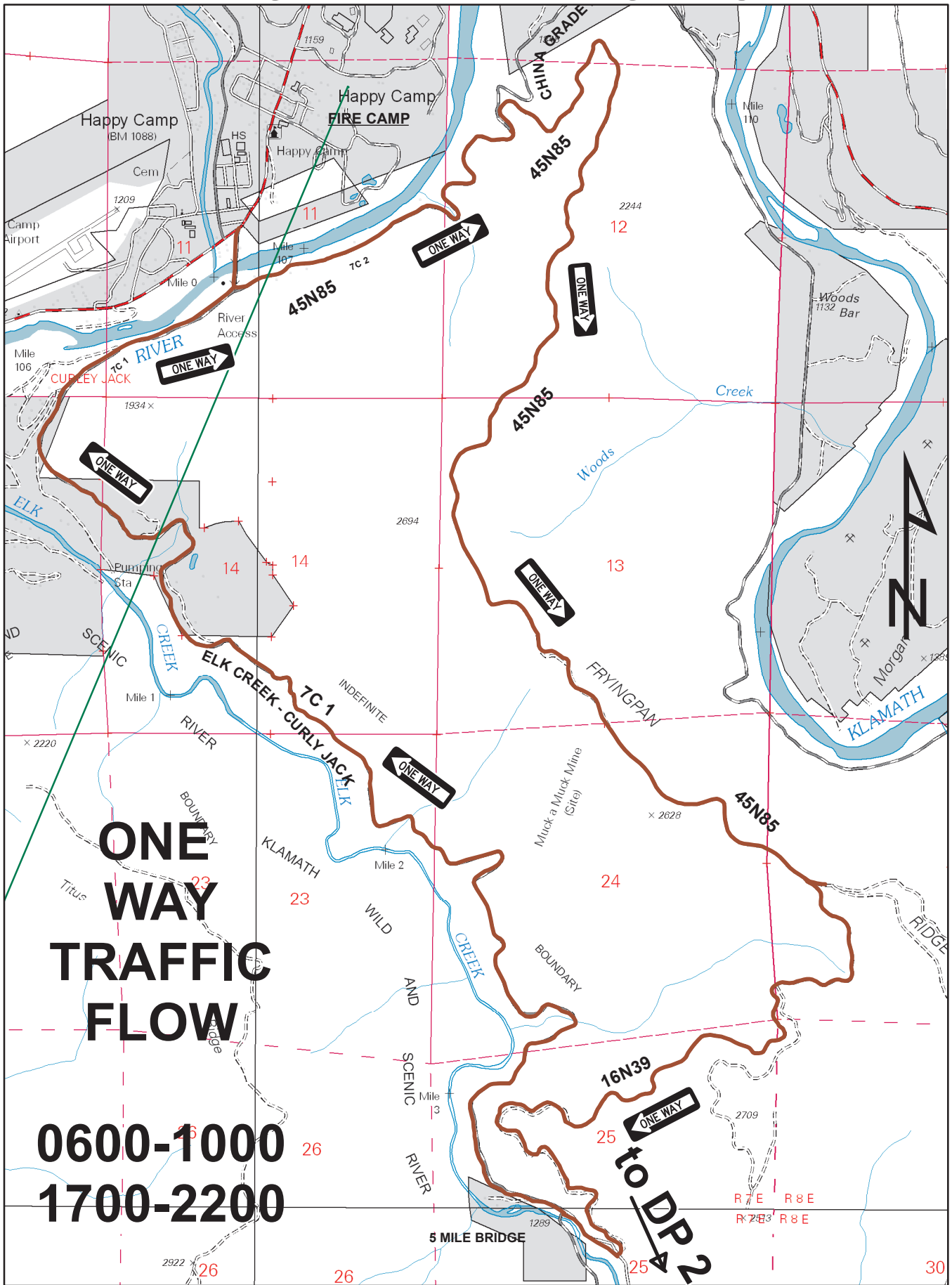
# Elk Complex ICP Map



## INCIDENT CONTACT LIST

AIR OPERATIONS // AIR SUPPORT	JOHN KEESEE	530-598-9373
CAL FIRE AGENCY REP.	HERB LOVE (cell)	530-200-2505
CAL FIRE AGENCY REP.	HERB LOVE	530-493-1532
CA-YICC (CDF DISPATCH)		530-842-7066
<b>CA-YICC (USFS DISPATCH)</b>		<b>530-842-3380</b>
CHECK IN		530-493-1501
COMMUNICATIONS	HERN CRANE	530-493-1526
COMP CLAIMS	ELAINE DOWNING	530-598-9372
COST	MARY GLENN	530-493-1514
DEMOB	JEFF STONE / LARRY DETZLER	530-493-1502
DIVISION CHIEF HCRD	ROD MENDES	530-598-9363
DOCUMENTATION	JAN CAWTHON	530-493-1528
EQUIPMENT TIME	MARK PHILLIP	530-493-1512
EXPANDED CREWS/EQUIPMENT	530-841-4627	530-841-4627
EXPANDED FAX	530-841-4635	530-841-4635
EXPANDED OVERHEAD	530-841-4620	530-841-4615
EXPANDED OVERHEAD	530-841-4615	530-841-4620
EXPANDED SUPERVISOR	530-841-4610	530-841-4610
EXPANDED SUPPLY	530-841-4610	530-841-4630
EXPANDED EQUIPMENT	530-841-4625	530-841-4625
FACILITIES	"COWBOY" BILL FOUTS / DEAN MCALLISTER	530-493-1525
FINANCE SECTION CHIEF	TERESA FORK	530-493-1514
FINANCE SECTION CHIEF	TERESA FORK (CELL)	916-212-6685
FIRE BEHAVIOR	DAN FELIX	530-493-1505
FRONT LINE MEDICAL - TRAILER	ROBERT RUSSELL	530-493-1527
GROUND SUPPORT	DON HILL	530-493-1789
GROUND SUPPORT LEADER	DON HILL (cell)	541-290-1455
HAPPY CAMP D.R.	ALAN VANDIVER	530-598-4197
HAPPY CAMP DEPUTY D.R.	DON HALL	530-598-9305
HAPPY CAMP R.D. RECEPTION		530-493-2243
HELIBASE		530-493-1779
INCIDENT COMMANDER	MIKE DIETRICH	530-493-1518
INFORMATION ALTERNATE LINE		530-493-1520
INFORMATION ANSWERING MACHINE		530-493-1519
INFORMATION CELL	LEONA RODREICK	530-261-0354
INFORMATION CELL	SCOTT SWANSON	541-591-2139
KARUK TRIBE REP	HAROLD TRIPP	530-593-5174
KLAMATH DISPATCH		530-843-3380
LOGISTICS	DANA SIMPSON cell	916-204-1085
LOGISTICS	LOGISTICS Trailer	530-493-1528
MEDICAL UNIT LEADER	ROBERT RUSSELL (cell)	909-855-2855
OPERATIONS	LES CURTIS	530-493-1522
ORDERING/SUPPLY	ORDERING-WALLY GROGAN	530-493-1529
ORDERING/SUPPLY	SUPPLY-JOE MCMAHON	530-493-1530
PLANS	TIM BAAL / CTSP DAVE CAMP	530-493-1525
PROCUREMENT UNIT LEADER	MARK PHILLIP	530-493-1517
RESOURCE UNIT	BOB HAWKINS, PETE HOCHRIEN, THOM WALSH	530-493-1511
S.O. RES DEPUTY	JOSH TYGERT (cell)	530-598-1508
S.O. RES DEPUTY	JOSH TYGERT (cell)	530-598-2952
SAFETY	MARTY HAMEL, DAVE MORTON	530-493-1521
SECURITY/FOOD		530-493-1524
<b>SHERIFF - S.O. DISPATCH</b>		<b>530-493-2338</b>
SITUATION	MARK STEELE	530-493-1503
SUPPLY/ORDERING FAX		530-493-1531
TIME UNIT LEADER	KAREN JONES	530-493-1516
TOZIER'S CLERICAL SUPPORT (FAX)		530-493-1510
TRANSPORTATION		530-493-1533
UNION REP	SUE ALLEN	530-841-4526
UNION REP (CELL PHONE)	SUE ALLEN	530-598-4119
WEATHER/IMET	BRETT LUTZ	530-493-1504

# ELK CREEK TRAFFIC FLOW



**ONE  
WAY  
TRAFFIC  
FLOW**

**0600-1000  
1700-2200**

**to DP 2**



<b>UNIT LOG</b>	1. Incident Name	2. Date Prepared	3. Time Prepared
4. Unit Name/Designators	5. Unit Leader (Name and Position)		6. Operational Period
7. Personnel Roster Assigned			
Name	ICS Position		Home Base
8. Activity Log			
Time	Major Events		
9. Prepared by (Name and Position)			