

**Bar  
Complex  
Incident Action Plan**

**Wednesday  
October 4<sup>th</sup> 2006**

**Dayshift: 0700 - 1900**

**Nightshift: 1800 - 0600**

**Shasta-Trinity and Klamath National Forests**

<b>INCIDENT OBJECTIVES</b>	1. Incident Name <b>Bar Complex</b>	2. Date <b>October 3, 2006</b>	3. Time <b>1900</b>
4. Operational Period <b>October 4, 2006</b> <p style="text-align: center;"> <b>DAY 0700 - 1900</b>  <b>NIGHT 1800 - 0600</b> </p>			
5. General Control Objectives for the Incident (include alternatives) <u><b>Management Objectives</b></u> <ol style="list-style-type: none"> <li>1. Provide for FireFighter and Public Safety.</li> <li>2. Support efforts to protect and rebuild infrastructure that include transportation routes, electrical transmission lines, and communications systems in the fire area.</li> <li>3. Provide for positive community, tribal and public relations.</li> <li>4. Minimize impacts to wilderness, cultural resources and fisheries through the use of Minimum Impact Suppression Tactics (MIST), and limit the spread of invasive plant species.</li> <li>5. Identify and continue fire suppression rehabilitation needs.</li> <li>6. Keep all incident operations and support functions cost effective.</li> </ol> <u><b>Control Objectives:</b></u> Keep the Bar Complex Fires: <ul style="list-style-type: none"> <li>• North of Highway 299;</li> <li>• East of a line from French Bar to Denny and New River/Slide Creek;</li> <li>• South of Slide Creek, Mary Blaine Meadow, Plummer Creek and south and west of the South Fork of the Salmon River;</li> <li>• West of the Little South Fork, Caesar Peak and Canyon Creek.</li> </ul> Provide initial attack response within the TFR and fire resource support for the Shasta-Trinity and Klamath National Forests.			
7. Weather Forecast for Period  See attached weather report.			
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"/> Div. Assignment Lists - ICS 204  <input checked="" type="checkbox"/> Communications Plan - ICS 205	<input checked="" type="checkbox"/> Medical Plan - ICS 206  <input checked="" type="checkbox"/> Incident Map (separate package)  <input checked="" type="checkbox"/> Safety Message & LCES Analysis	<input checked="" type="checkbox"/> Human Resources & Training Messages  <input checked="" type="checkbox"/> MIST Direction; Fire Suppression Rehab Guides, Mules Protocol  <input checked="" type="checkbox"/> Incident Phone Lists, Base Camp & Traffic Maps, & Unit Log	
9. Prepared by (Planning Section Chief)  <i>Phil Cocker</i>	10. Approved by (Incident Commander)  <i>Rocky Opliger</i>		



## FIRE BEHAVIOR FORECAST

**FORECAST NO.:** 4-1, 10/4

**NAME OF FIRE:** Bar Complex

**UNIT:** CA-SHF 2120

**DATE & TIME ISSUED:** 10/03 2200 hr

**PREDICTION FOR:** 10/4/06 24hrShift

**DATE :** 10/03/06.

**SIGNED:** /s/ Francis Mohr

**FIRE BEHAVIOR ANALYST**

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### WEATHER SUMMARY

The Pacific low pressure system is expected to move over the fire area today and possibly on through Thursday, producing cloudy skies, lower temperatures, light SW winds and rain showers with possible amounts of .2 to .5 inch. The outlook for the weekend is a return to warmer and drier air mass, with fairly strong East to Northeast winds.

*See attached Fire Weather Forecast for specifics*

### FIRE BEHAVIOR:

Overall fire activity will lessen considerably with the forecasted weather. However “persistence” is still a major characteristic of the Bar Complex fire environment. Some facts to keep in mind:

ERC (Energy Release Component), a Fire Danger Indices that reflects accumulative drying of both live and dead fuels since May 1<sup>st</sup>, has been at a value above the 90 percentile since early July.

Calculated fuel moisture contents are at 3-4, 4-5, 5-6 and 7-9 percents for 0-¼, ¼ -1, 1-3 and 3 inch and larger size classes, respectively.

Live moisture content of conifer needles is near dormancy, i.e. very little pre-drying, pre-heating is necessary for even a small flame to cause torching and possible spot fires.

Terrain is very steep and would accelerate rapid fire spread should there be rolling ember.

Ground fuels (duff) is very dry --- powder dry at depths of 5-8 inches --- are very conducive to keep glowing embers alive, and sheltering them ed from moisture.

**Outlook:** A smaller amount of rain will significantly affect smaller size fuels for spots, but one or two sunny days (solar heating) with warmer and drier air mass will result in these fuels being the ‘receptive fuel bed’ for spots and/or rekindling ‘hidden spots’ in the duff or concentrations of larger size dead down fuels. Larger size fuels would not be significantly affected by small amount of rain. Larger amounts of rain could dampen all fuel size and require at least two to three days of sunny, warm and dry, along with wind.

**SPECIFIC:** Smoldering fire is expected to be the extent of activity in all divisions for next couple of days, within the range of anticipated rainfall.

Even with this weather, plan to look twice behind your back when leaving this timber fuel type!!











<b>Division Assignment List</b>		1. Branch <b>VI</b>		2. Division/Group <b>O</b>			
3. Incident Name <b>BAR COMPLEX</b>		4. Operational Period <b>10/04/06 Wednesday Day Shift 0700 - 1900</b>					
5. <b>Operations Personnel</b>							
Operations Chief	<b>GARY HART</b>	Division/Group Supervisor	<b>ALEX MCKINNON; JASON JONES (t)</b>				
Operations Chief	<b>MARK P CHAMBERS (t)</b>	Air Attack Supervisor	<b>JOEL A LANE; P. THORNTON; P.HAWKINS (t)</b>				
Branch Director	<b>KATHLEEN M OPLIGER</b>	Safety Officer	<b>JACK ROGERS; BRIAN BULGER (t)</b>				
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		
HC1;LEWIS & CLARK IHC	MIKE NOEL 10/10	20	N	HELENA 0800	ICP 1900		
HC1;HELENA HOTSHOTS	NICK SCHREINER 10/11	20	N	HELENA 0800	ICP 1900		
HC1;LA GRAND IHC	WILLIAM CRIPPEN 10/12	19	N	HELENA 0800	ICP 1900		
FELB	ERIC SHEETE	1	N	HELENA 0800	ICP 1900		
FELB	AMANDA RAU	1	N	HELENA 0800	ICP 1900		
SOFR	PAUL BRNA	1	N	HELENA 0800	ICP 1900		
EMTP	DENNIS LINNEY	1	N	HELENA 0800	ICP 1900		
EMTB	TOM RATHBUN	1	N	HELENA 0800	ICP 1900		
7. Control Operations							
- Monitor and hold fire west of N20 road to H-23.							
8. Special Instructions							
- Crew Buggies and Buses: Park in the Fueling Area and Ride Shuttle. - All other vehicles: Park across from Base or in Overhead Parking. - Shuttle will also be available from Base Camp to ICP.							
9. <b>Division/Group Communications Summary</b>							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	165.0000N	167.9875N		King	12		
Tactical Div/Group	163.1750N	163.1750N		King	2		
Logistics							
Air to Ground	164.0000N	164.0000N		King	13		
Prepared by (Resource Unit Leader) <b>Mitch Diehl/Janelle Walker (t)</b>		Approved by (Planning Section Chief) <b>Phil Cocker</b>		Date Prepared <b>10/03/06</b>		Time Prepared <b>1658</b>	







<b>Division Assignment List</b>		1. Branch		2. Division/Group <b>REHAB GROUP</b>			
3. Incident Name <b>BAR COMPLEX</b>		4. Operational Period <b>10/04/06 Wednesday Day Shift 0700 - 1900</b>					
5. Operations Personnel							
Operations Chief	<b>GARY HART</b>		Division/Group Supervisor	<b>MIKE ABARCA</b>			
Operations Chief	<b>MARK P CHAMBERS (t)</b>		Air Attack Supervisor	<b>JOEL A LANE; P. THORNTON; P.HAWKINS (t)</b>			
Branch Director	<b>LARRY WRIGHT</b>		Safety Officer	<b>JACK ROGERS; BRIAN BULGER (t)</b>			
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		
RESOURCE ADVISOR	LARRY MCLEAN	1	N	BIG FLAT STG 0800	ICP 1900		
TFLD	BILL MOLINE	1	N	BIG FLAT STG 0800	ICP 1900		
TFLD	TONY TYLER (t)	1	N	BIG FLAT STG 0800	ICP 1900		
TFLD	DAVE ESTEVES	1	N	BIG FLAT STG 0800	ICP 1900		
TFLD	LISA KEMPER (t)	1	N	BIG FLAT STG 0800	ICP 1900		
WAT2; CATTANEO TRUCKING E-354	ANGELO CATTANEO	1	N	BIG FLAT STG 0800	ICP 1900		
DOZB	GARY PHILLIPS	1	N	BIG FLAT STG 0800	ICP 1900		
DOZ2;WET PUP E-372	MARK HODGETTS	1	N	BIG FLAT STG 0800	ICP 1900		
DOZ2; ZABEL E-331	FRANK ZABEL	1	N	BIG FLAT STG 0800	ICP 1900		
EXCA;R. BROWN E-281	EARL AMMON	1	N	BIG FLAT STG 0800	ICP 1900		
EXCA;JURIN E-374	STAN DRAWYER	1	N	BIG FLAT STG 0800	ICP 1900		
BACKHOE; AMMON E-185	TIM THOMPSON	1	N	BIG FLAT STG 0800	ICP 1900		
ENGINEER	LORI JACKSON	1	N	BIG FLAT STG 0800	ICP 1900		
LOADER;JURIN CONST. E-209	TOM WILLIAMS	1	N	BIG FLAT STG 0800	ICP 1900		
GRADER;AMMON E-369	ANDY BENSON	1	N	BIG FLAT STG 0800	ICP 1900		
WAT2;DARRAH LOGGING E-54	DAVE NICOSON	1	N	BIG FLAT STG 0800	ICP 1900		
BACKHOE;C.J.'S FIRE SUPPORT E-380	MEL BELT	1	N	BIG FLAT STG 0800	ICP 1900		
SOF2	PHIL SPOR	1	N	BIG FLAT STG 0800	ICP 1900		
7. Control Operations							
<ul style="list-style-type: none"> <li>- Continue rehab of the safety zones and dozer line.</li> <li>- Continue cleaning roadside culverts.</li> <li>- Continue road grading operation.</li> </ul>							
8. Special Instructions							
<ul style="list-style-type: none"> <li>- Crew Buggies and Buses: Park in Fueling Area and Ride Shuttle.</li> <li>- All other vehicles - Park across from Base or in Overhead Parking.</li> <li>- Shuttle will also be available from Base Camp to ICP.</li> </ul>							
9. Division/Group Communications Summary							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	166.2750N	169.1125N		King	11		
Tactical Div/Group	168.0500N	168.0500N		King	5		
Logistics							
Air to Ground	164.0000N	164.0000N		King	13		
Prepared by (Resource Unit Leader) <b>Mitch Diehl / Janelle Walker (T)</b>		Approved by (Planning Section Chief) <b>Phil Cocker</b>		Date Prepared <b>10/03/06</b>		Time Prepared <b>0824</b>	



**Bar Complex**  
**NIGHT 204**

**10/3 - 10/4**  
**2006**

**Night Operations**  
**1800 - 0600**





# Health & Safety Message **BAR COMPLEX**

CIIMT 4  
OPLIGER

October 4, 2006  
Day Shift

## **WEATHER ALERT !! WEATHER ALERT !! RAIN PREDICTED !!**

### **HEADS UP**

EQUIPMENT SAFETY--WATCH OUT FOR HAZARD TREES AND ROCKS. STAY 200 FEET FROM EQUIPMENT. MAKE SURE OPERATORS KNOW YOU'RE IN THE AREA. This includes PG&E OPERATIONS.

Stay focused on the job, complacency can be a killer. Have tailboard safety talks as the assignment changes during the day.

Keep your crew hydrated and healthy. Keep an eye on each other. Remember, this is a **team** effort.

### **Wx News!!**

Take readings often and call them into communications. Every entry counts! Change is coming, and you will be the first to know.



**READ ALL ABOUT IT!!  
EVERYONE ON THIS FIRE  
BENEFITS FROM YOUR EFFORTS.**

### **KEEP IT SIMPLE**

Monitor Weather Conditions

DRIVE WITH CARE AND COURTESY

BRIEF EVERYONE!  
READ THE 215-A

10'S AND 18'S  
DON'T BREAK 'EM

MAINTAIN GOOD  
HYDRATION ALL DAY

REPORT ALL INJURIES,  
GET GOOD REST

USE PROFESSIONAL  
RADIO DISCIPLINE

**S  
A  
F  
E  
T  
Y**

### Make sound and timely decisions

- Maintain situation awareness in order to anticipate needed actions.
- Develop contingencies and consider consequences
- Improvise within the leader's intent to handle a rapidly changing environment.

(IRPG Pg vi)

**REMEMBER** - All meals served at camp must be eaten in the designated area. This helps keep the camp clean, keeps unwanted pests controlled, and is good for your health.



#### **CONTINGENCY**

**PLANNING** is the key to success. Always have an alternate plan for sudden events. Your life depends upon it.

### **NEVER FORGET!**

**Lookouts**  
**Communication**  
**Escape routes**  
**Safety Zones**

**ALWAYS APPLY!**

INCIDENT ACTION PLAN SAFETY ANALYSIS										1. Incident Name <b>Bar Complex</b>			2. Date 10/04/06		3. Time 0700-1900 Page 1				
LCES* Analysis of Tactical Applications Lookouts Communications Escape routes Safety zones										Other Risk Analysis									
Division/Group	DOWNHILL	UNDERSLUNG	INDIRECT	MID-SLOPE	FRONTAL	ANCHOR POINTS	EXT COND T SPOT WINDDRIVEN	UNBURNED AREA	HAZARD TREES	ROLLING	HAZARDOUS	TRANSPORTATION	COMMUNICATION	STRUCTURE	MULTI-AIRCRAFT	CUMULATIVE FATIGUE	MINES/BEARS	Other Risk Mitigations	
<b>Br. II A/B</b>																		<b>FOR ALL STAFFED DIVISIONS:</b> (1,2,3,4, 5) 1. Be able to satisfy the basic LCES at all times under all changing conditions. If you are unsure of your LCES or assignment, STOP and reassess during the operational period.	<b>FOR ALL STAFFED DIVISIONS:</b> (1,2,3,) 1. Drive carefully, lights on, speed moderated, seat belts on, anticipate other drivers' actions, anticipate 299 corridor traffic.
<b>C</b>																		2. Monitor for spot weather forecasts, anticipate weather changes and have a contingency plan for any changes. 3. Don't let smoke compromise your lookouts.	2. Heads up around structures, tanks, septic tanks, yard vehicle storages. 3. Watch for hidden mine shafts.
<b>D</b>		X			X			X	X	X								4. Hazard trees are everywhere on this incident, look up and don't be surprised by a falling limb. Flag and Avoid if possible, use lookouts.	4. Reduce speeds and increase situational awareness of debris and slippery surfaces on Hwy 299 and other hard surface roads.
<b>E</b>		X			X			X	X	X								5. Post lookouts; watch for rolling material, watch where you park.	
<b>I</b>											Unstaffed								
<b>O</b>	X							X	X	X					X				
<b>P/Q</b>								X	X	X									
<b>Y</b>											Unstaffed								
Prepared by Safety Officers : Jack Rogers, Brian Bulger, Steve Ryberg											Date Prepared: 10/03/06 1830			Operational Period <b>DAY</b> 10/04/06					



<b>MEDICAL PLAN</b>	1.Incident Name Bar Complex	2.Date Prepared 10-3-06	3.Time Prepared 1900	4.Operational Period 0700-1900 Day					
<b>5. Incident Medical Aid Station</b>									
Medical Aid Stations	Location			Paramedics Yes No					
Medical Unit Base Camp	Frontline Trailer @ Junction City Base Camp			X					
<b>6. Transportation</b>									
<b>A. Ambulance Services</b>									
Name	Address	Phone	Paramedics Yes No						
Trinity Co. Life Support 301,302	250 Main St. Weaverville <b>USE 911</b>	<b>530-623-2500</b>	X						
Trinity Co. Sheriff / Air Ambulance	Weaverville Dispatch Center	530-623-8127	X						
AMR Redding- 5 units 1Hr ETA	4989 Mountain Lake Blvd. Redding	<b>530-246-9111</b>	X						
Mercy Ambulance- 3 units 1Hr ETA	2185 Kenyon Ave. Redding	530-225-6290	X						
PHI Air Ambulance Branch IV	Weed Airport	<b>530-842-3515</b>	X						
Northern Siskiyou Ambulance Br. IV	Klamath Dispatch Center	530-842-2468	X						
<b>B. Incident Ambulances</b>									
Name	Location			Paramedics Yes No					
Trinity 308 ALS Ambulance	Big Flat Staging			X					
<b>7. Hospitals</b>									
Name	Address	Travel Time		Phone	Helipad		Burn Center		
		Air	Ground		Yes	No	Yes	No	
Mountain Community	410 N. Taylor, Weaverville CA <b>LAT 40' 44.31 LONG 122' 56.39</b>	5 min	15 min	530-623-5541	X			X	
Shasta Regional	1000 Butte Street Redding CA <b>LAT 40' 35.11 LONG 122' 23.02</b>	25 min	60 min	530-243-4042	X			X	
Mercy Regional Trauma Center	2175 Rosaline Ave. Redding CA <b>LAT 40' 34.29 LONG 122' 23.67</b>	25 min	60 min	530-225-7201	X			X	
UC Davis Med. Trauma Center	2315 Stockton Blvd, Sacmnto. CA <b>LAT 38' 33.03 LONG 121' 27.30</b>	90 min	3.5 hrs	(916) 734-2011	X		X		
Fairchild Medical Center	444 Bruce Street Yreka, CA <b>LAT 41' 43.12 LONG 122' 38.61</b>	20 min	1.5 hrs	530-841-6205	X			X	
<b>8. Medical Emergency Procedures</b>									
<b>In case of Fire Line Emergency.....</b> Crew sup contacts DIVS w/ pt. complaint/condition & location 1 DIVS contacts: <ul style="list-style-type: none"> <li>• Line EMT (if assigned)</li> <li>• Bar Communications</li> </ul> 2 FEMT or Medical Unit leader determines transport needs 3 Bar Communication Unit contacts: <ul style="list-style-type: none"> <li>• Helibase for Air Evacuation only ( if required )</li> <li>• Medical Unit</li> <li>• Safety Officer</li> </ul> 4 Helibase assigns type of helicopter needed for Air Evacuation 5 Division will manage medical emergency with input from Medical Unit until Pt is off fireline and enroute.					 <p><b>LOOK UP, DOWN, AND ALL AROUND.... BE AWARE OF YOUR SURROUNDINGS !! STAY HYDRATED !!! BE ALERT TO THE TERRAIN AND STAY SAFE !</b></p>				
<b>In Camp Emergency</b> Contact Medical Unit with Pt complaint condition & location Medical staff will respond to stabilize incident, then contact Crew Supervisor with update									
Prepared by (Medical Unit Leader) Eric Williams MEDL					10. Reviewed by (Safety Officer) Brian Bulger SOF1				

Incident Radio Communications Plan		1. Incident Name BAR COMPLEX		2. Operational Period 10/04/06 Wednesday Day Shift 0700 - 1900	
3. Basic Radio Channel Utilization					
Radio Type/Cache	Channel	Function	Frequency/Tone	Assignment	Remarks
King	1	TACTICAL	RX 169.1500N	DIVS P/Q, K NIGHT SHIFT	
			TX 169.1500N		
King	2	TACTICAL	RX 163.1750N	DIV O	
			TX 163.1750N		
King	3	TACTICAL	RX 168.5500N	DIVS A/B/C, H, I	
			TX 168.5500N		
King	4	TACTICAL	RX 168.6750N	DIVS E, Y, J	
			TX 168.6750N		
King	5	NIFC TAC 1	RX 168.0500N	REHAB	
			TX 168.0500N		
King	6	NIFC TAC 3	RX 168.6000N	DIVS D, L	
			TX 168.6000N		
King	7	TACTICAL	RX 154.2950N	STRUCTURE GROUPS	STATE WHITE 3
			TX 154.2950N		
King	8	COMMAND REPEATER	RX 173.0375N	ALL DIVS & GROUPS	IRONSIDE MTN, WESTSIDE OF INCIDENT
			TX 167.3250N		
King	9	COMMAND REPEATER	RX 166.2375N	ALL DIVS & GROUPS	CECIL LAKE, NORTHSIDE OF INCIDENT
			TX 168.5375N		
King	10	COMMAND REPEATER	RX 165.4000N	ALL DIVS & GROUPS	FAWN BUTTE, USED BY RESOURCES IN THE DENNY AREA
			TX 168.4250N		
King	11	COMMAND REPEATER	RX 166.2750N	ALL DIVS & GROUPS	HAYFORK-BALLY PK, SOUTHSIDE OF INCIDENT
			TX 169.1125N		
King	12	COMMAND REPEATER	RX 165.0000N	ALL DIVS & GROUPS	WEAVER-BALLY PK, MAJORITY OF INCIDENT
			TX 167.9875N		
King	13	AIR to GROUND	RX 164.0000N	AIR to GROUND	
			TX 164.0000N		
King	14	AIR GUARD	RX 168.6250N	AVIATION CONTACT	EMERGENCY USE ONLY
			TX 168.6250N		
			Tone 110.9		
4. Prepared by (Communications Unit)				5. Date Prepared 10/03/06	6. Time Prepared 0837

# **MULE PROTOCOL**

**Safety standards while working around Mules.**

- 1. Do not leave slings & sling loads in the trail, move them off the trail out of sight of the mules.**
- 2. All people, tools, packs, chain saws, put on the down hill side, and get away from the trail.**
- 3. Talk to the Packers in a normal tone (loud noises can scare the mules).**
- 4. Avoid sudden movements around the mules.**
- 5. DON'T FEED THE ANIMALS!!!!!!!!!!!!**
- 6. Don't pet the animals without the packers permission (NEVER PET THE HEAD).**
- 7. Packers cannot leave the animals to scout a line.**
- 8. Remember if you encounter the Packers with trailers on the road, they cannot stop fast. It could injure the animals. Give the Packers vehicles the right-of-way.**
- 9. Animals don't go on the fireline, only the trails.**
- 10. Mules and Horses have the right-of-way on the trail.**

