

Hough Complex

CA-PNF- 001324

(0511) P5HV99

AUGUST 24, 2013

Night Operational Period

1800 - 0600

Incident Objectives	1. Incident Name	2. Date Prepared	3. Time Prepared
	HOUGH COMPLEX	08/24/13	1146

4. Operational Period
08/24/13 Saturday Night Shift 1800 - 0600

5. General Control Objectives for the incident (include alternatives)

Management Objectives

1. Provide for firefighter and public safety as the highest priority.
2. Provide and coordinate protection of structures, timber lands, and infrastructure on public and private lands within the complex.
3. Provide timely information, notification and communications regarding fire activity and effects on air quality.
4. Minimize effects of fire and fire suppression activities on sensitive resources through effective use of resource advisors and close collaboration with cooperators and administering agencies.
5. Resource advisors and close collaboration with cooperators and administering agencies.
6. Maintain a high level of collaboration with local communities, neighboring and cooperating agencies.
7. Minimize disruption to local economies with local communities, neighboring and cooperating agencies.
8. Provide IA response and resources for new starts through the Central Coast Incident Commander.

Control Objectives

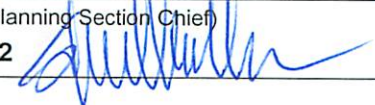
Suppress fires within the complex in the smallest area that can be safely accomplished with available resources.

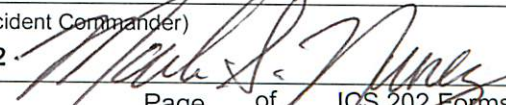
6. Weather Forecast for Period
See Attached Weather Forecast

7. General Safety Message
See Attached Safety Message

8. Attachments (mark if attached)

<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"/> Incident Phone List
<input checked="" type="checkbox"/> Communications Plan - ICS205	<input type="checkbox"/> Traffic Plan	<input checked="" type="checkbox"/> Fire Weather Forecast
<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> Incident Objectives - ICS 202	<input checked="" type="checkbox"/> Human Resources Message
<input type="checkbox"/> Air Operations Summary - ICS 220	<input checked="" type="checkbox"/> Incident Safety Analysis - ICS 215	<input checked="" type="checkbox"/> Unit Log ICS - 214

9. Prepared by (Planning Section Chief)
Ann Marx PSC2 

10. Approved by (Incident Commander)
Mark Nunez ICT2 

ORGANIZATION ASSIGNMENT LIST		9. Operations Section	
1. Incident Name HOUGH COMPLEX		Day	JOHN ABELL / MARK SMITH (T)
2. Date Prepared 08/24/13		Night	JOE SEAN KENNEDY ICT3 (T)
3. Time Prepared 1148		a. Branch I - Division/Groups	
4. Operational Period 08/24/13 Saturday Night Shift 1800 - 0600		Planning Ops	VAN ARROYO (T) / MARK COURSON (T)
Position	Name	Deputy	
5. Incident Commander and Staff		Division/Group B / H	
Incident Commander	MARK NUNEZ; MARK von TILLOW (T)	Division/Group W / Y	
Deputy	DANA D'ANDREA	Division/Group	
Safety Officer	TOM ZEULNER; RICK BERTRAM	Division/Group	
Information Officer	HELEN TARBET; MADRIGAL, MANUEL	Division/Group	
Liaison Officer	MCGREW; GRAHAM ; JONES; WALDRON(T)	b. Branch II - Division/Groups	
6. Agency Representative		Branch Director	
Agency	Name	Deputy	
AGENCY ADMINISTRATOR	KAREN HAYDEN; MICHAEL DONALD	Division/Group	
CALFire	JIM BARRY	Division/Group	
FOREST SAFETY OFFICER	LEE MERCER	Division/Group	
PLUMAS NF FIRE CHIEF	STEVE MILLERT	Division/Group	
OES	JOHN CLARY	Division/Group	
7. Planning Section		c. Branch III - Division/Groups	
Chief	ANN MARX	Branch Director	
Deputy	STEVE ANDERSON	Deputy	
Resources Unit	BILL BRICKEY ; PAT CAPRIOLI	Division/Group	
Situation Unit	JOHN GERMANETTI; MIKE HELD	Division/Group	
Documentation Unit	DEBRA RIOS	Division/Group	
Demobilization Unit	DENA FOOSE	Division/Group	
Fire Behavior Analyst	STEWART TURNER	Division/Group	
Human Resource Specialist	CYNDE GENZMER	d. Air Operations Branch	
Training Specialist	DOUG DICKSON ; TONY AYALA (T)	Air Operations Branch Director	BRAD JOOS
GIS Specialist	M.FLEISCHER/W.RANNALS/S.POWELL	Helibase Manager	CURT WARNER
Computer Specialist	SCOTT DANIELS	Air Attack Supervisor	WALTER BUNT
IMET	MIKE SMITH	Air Support Supervisor	AL DRIESBACH
		Helicopter Coordinator	
		Air Tanker Coordinator	
8. Logistics Section		10. Finance Section	
Chief	TOM CRAKES	Chief	BONNY JOHNSON (T)
Deputy	JERRY BEAN	Deputy	
Supply Unit	JOHN HARKLEROAD	Time Unit	CASEY BRYSON
Facilities Unit	SCOTT GARDNER / MIKE FARMER (T)	Procurement Unit	
Ground Support Unit	VIC MUZYKA / JOHN SAUNDERS	Compensation/Claims Unit	MILLIE FERGUSON
Communications Unit	DAVID PASCHKE	Cost Unit	
Medical Unit	ROBERT ETHRIDGE/TYE JOHNSON (T)	Prepared by (Resource Unit Leader)	
Security Unit		BILL BRICKEY (RESL)	
Food Unit	KERRY KELLOGG		



INCIDENT Weather Forecast



FORECAST NO: 7

NAME OF FIRE: Hough Complex

PREDICTION FOR: Saturday Night SHIFT

UNIT: Hough RD, Plumas NF

SHIFT DATE: Aug 24/25, 2013

SIGNED: Mike Smith *Mike Smith*

TIME AND DATE

Incident Meteorologist

FORECAST ISSUED: 1200 Aug 24, 2013

WEATHER DISCUSSION: An upper level trough and weak frontal band moving onto the northern California coast tonight will bring breezy southwest winds to the fire area into the evening hours. The breezy afternoon and evening winds should delay the formation of nighttime inversions a few hours so breezy southwest winds could continue through about midnight. On north and east aspects...this could translate to fairly variable winds due to eddy effects. There should be a slight cooling with slightly higher RH recovery but overall recovery will only be moderate at the mid and higher elevations. High cloudiness will start spilling over the region early Sunday with winds picking up a bit more over the ridges. Again...north and east aspects could see quite variable winds. Humidity values will come up a bit with a slight cool down but conditions will become a bit more unstable. Another weak frontal system dropping into the eastern Pacific will keep winds on the breezy side on Monday as well.

*** Increased ridge winds afternoons and evenings Saturday through Monday ***

WEATHER FORECAST:

WEATHER: Variable high clouds. Areas of smoke forming by mid to late evening.

TEMPERATURES: Minimum 42 lower elevations to around 50 mid and upper slopes.

HUMIDITY: Maximum humidity 55-65% mid and upper slopes to 80% plus at the lower elevations.

20 FT WINDS:

RIDGETOP – Winds southwest 7 to 14 mph with occasional gusts to 20 mph in evening hours. A little lighter winds below 5000 feet. Winds decreasing slowly during the evening hours decreasing to southwest 3-5 mph with gusts to 10 mph after about midnight.

SLOPE/VALLEY – Upslope to upcanyon 3 to 8 mph except upper south slope winds southwest 4-7 gusts to 12 mph. Also...upper north slopes will see more variable winds due to eddy effects. Winds decreasing after sunset with light downslope to downcanyon winds to 5 mph after midnight.

STABILITY/INVERSION: Valley inversions setting in by mid evening. Moderately stable aloft.

Outlook for Sunday: Partly cloudy. Maximum temperatures 80 to 87. Minimum humidity 18-24%. Ridge winds increasing after about 1000 with afternoon winds southwest 10-15 mph with gusts up to 20 mph. Some gusts up to 25 mph in the late afternoon. Slightly lighter winds below 5000 feet. Slope winds mainly upslope to upcanyon 3-8 mph but variable with occasional southwest gusts to 15 mph. For upper south slopes winds southwest 5 to 10 mph with occasional gusts to 15 mph in the afternoon. More variable winds on upper north slopes due to eddy effects.

OUTLOOK FOR Sunday Night: Partly to mostly cloudy skies. Shallow inversions settling in by late evening. Minimum temperatures 42-50. Max RH recovery 65 to 75% mid and upper slopes to 80% plus lower elevations. Ridge winds decreasing after sunset becoming south to southwest to 5 mph with occasional gusts to 10 mph by midnight. Slope winds becoming downslope to downcanyon to 5 mph after midnight.

Extended Forecast FOR Monday: Partly cloudy in the morning becoming mostly sunny. Max Temps 83 to 90. Min RH 16 to 22%. Upper ridge winds becoming southwest 8-15 mph gusts to 20 mph. Slope winds becoming upslope to upcanyon 3-8 mph with southwest gusts to 15 mph. Variable winds on North slopes.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 10	TYPE OF FIRE: Wildfire
FIRE NAME: Hough Complex	OPERATIONAL PERIOD: Night Shift 8/24/2013
DATE ISSUED: August 24, 2013	TIME ISSUED: 1100
UNIT: Plumas National Forest	SIGNED: Stewart Turner FBAN, Drew Page FBAN(T)

INPUTS

WEATHER SUMMARY:

Sky	Clear	Winds will still be present late into the evening hours, but diminishing after midnight. Temperatures will be dropping to below normal average for the fire area, with relative humidity becoming slightly high for overnight recovery.
Winds	SW 7-14 MPH Gust of 20 MPH	
Temperatures	Min 42°-50°F	
Relative Humidity	Max 55-65%	
P(ig)	15 %	
Fine Dead Fuel Moisture	14 %	
LAL	1	
BI		
CWR	0	

OUTPUTS

FIRE BEHAVIOR

GENERAL:

Once nightfall occurs fire behavior will be limited to smoldering and creeping fire behavior and the majority of heat will be found in large diameter fuels. Overnight humidity recovery will be consistent with past nights with the weather pattern slowly trending dryer into Sunday. (recovery @ 65%)

SPECIFIC:

Ridge/Johnson:

Activity will be greatly diminished after sunset as the inversion builds. Heavy fuels and stumps will continue to consume overnight but the needle cast and surface fuels will cease carrying fire in the later hours of the night. Visibility will become limited in most locations as the fire area fills with smoke.

Initial attack:

Hold overs are still expected to be present in the response area. With wind being constant until midnight, and burning period extending longer into the PM hours, fire growth may be present. Fire behavior will be dependent on fuels, weather and topography, so gain good situational awareness prior to suppression of any new starts. Expect flame lengths of 4 feet or greater for any surface fire.

AIR OPERATIONS:

SAFETY

Keep situational awareness elevated at night, ensure when taking breaks to evaluate your rest or break areas for hazard that have been produced from fire weakened trees and materials that are being released from fire activity in steep terrain.

Nighttime visibility will be greatly diminished, so the ability to identify widow makers will become difficult.

Fuels and Fire Behavior Advisory

Northern California



August 22, 2013

Subject: Severe drought conditions along with hot and dry weather have led to significantly low live and dead fuel moistures. This has created the potential for active to extreme fire behavior and increased large fire potential in Northern California.

Discussion: The widespread wetting rains of late June had a long lasting impact on fuels for much of July. Warming and drying in August along with **Severe Drought** conditions across Northern California has led to widespread low live and dead fuel moistures. The focus of this advisory is the contribution of critically low live and dead fuel moistures to potential for active to extreme fire behavior.

Difference From Normal Conditions: Severe drought conditions now cover all of Northern California and is forecasted to persist or intensify. The entire area is deficient in rainfall and snow pack, resulting in fuels that are weeks ahead of normal drying/curing rates. Live fuel moistures in Chamise and Manzanita fuels have reached critical levels in most areas and are now actively contributing to fire spread as a heat source. All timelag classes of dead fuels are at moisture levels that allow for easy ignition and rapid spread.

Concerns to Firefighters:

- Energy Release Component (ERC) is a good indicator of seasonal drying trends. ERC's values range from average to above average and are approaching maximum seasonal values. **Anticipate increased spread rates and active night time burning.**
- The combination of persistent drought and record-low rainfall and snowpack amounts has led to very low live and dead fuel moistures. **Expect fires to ignite easier and spread faster. Anticipate higher resistance to control in all fuel types.** Low fuel moistures have been evidenced by complete consumption on recent fires. **Expect higher probability of ignition and increased spotting due to increased amount of receptive and available surface and aerial fuels.**
- **Expect active fire behavior to extend well into the night and early morning hours** even with moderate RH recovery.

Mitigation Measures:

- Firefighters should acknowledge and prepare for fire growth and fire behavior that may exceed anything they have experienced before due to the severe drought. **Normal strategies and tactics may need to be adjusted to account for the drought factor.** Suppression actions need to be based on good anchor points, lookouts, escape routes, and safety zones. **Everyone, every day, returns home safely.**
- Local and incoming fire personnel need to be aware that fire behavior is exceeding normal expectations for this time of the year. **Local briefings need to highlight specific fire environment conditions including local weather forecasts, Pocket Cards, ERC's, live and dead fuel moistures, and special fuel conditions such as mortality, Sudden Oak Death and frost killed brush, etc.**
- Base all actions on current and expected behavior of the fire. **Augment initial attack resources as incident activity dictates.**
- Review the most current Northern California 7-day Significant Fire Potential along with Daily, Monthly and Seasonal Outlooks at: <http://www.predictiveservices.nifc.gov/outlooks/outlooks.htm>

Area of Concern: The area of concern is Northern California with the exception of the North Coast and Sacramento Valley PSA's. A map showing the areas of concern described in this advisory can be found at: [National Fuel Advisories](#)

(Note this advisory will be in effect for 14 days and will be reviewed/updated at that time.)

Division Assignment List	1. Branch	2. Division/Group W / Y
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3. Incident Name HOUGH COMPLEX	4. Operational Period 08/24/13 Saturday Night Shift 1800 - 0600
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5. Operations Personnel			
Operations Chief (DAY)	JOHN ABELL / MARK SMITH (T)	Division/Group Supervisor	
Operations Chief (NIGHT)	JOE SEAN KENNEDY ICT2 (T)	Air Attack Supervisor	
Planning Ops	VAN ARROYO (T); MARK COURSON (T)	Safety Officer	TOM ZEULNER / RICK BERTRAM (T)

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	
S/T CA HUU 9123G	RODGERS	33	N	BASE CAMP / 0600	BASE CAMP / 0600	
CREW T1 TAMALPAIS (C-17)	WALSH	14	N	BASE CAMP / 1800	BASE CAMP / 0600	
CREW T2IA FIRESTORM 17 (C-13)	BAILEY	20	N	BASE CAMP / 1800	BASE CAMP / 0600	
CREW T2 CSR ENTERPRISE (C-3)	OSBORN	20	N	BASE CAMP / 1800	BASE CAMP / 0600	
CREW T2 FIRST STRIKE (C-2)	ROLES	20	N	BASE CAMP / 1800	BASE CAMP / 0600	
S/T CA SCU 9161C	LUBAS	16	N	BASE CAMP / 0600	BASE CAMP / 0600	
ENGINE T3 PNF E-22	BRENZOVICH	1	N	BASE CAMP / 1800	BASE CAMP / 0600	
ENGINE T6 MN MNA 322	LONDO	3	N	BASE CAMP / 1800	BASE CAMP / 0600	
ENGINE T6 IA IAS 952	SCHLATER	3	N	BASE CAMP / 1800	BASE CAMP / 0600	
WT T2 CA_PNF 2 (24hr)	HARWOOD	1	N	BASE CAMP / 1800	BASE CAMP / 0600	

7. Control Operations
 PATROL INCIDENTS AND MOP-UP 300' WHERE APPROPRIATE.

 MONITOR FOR NEW STARTS, TAKE SUPPRESSION ACTIONS AS NEEDED.

 PULL UNUSED HOSE AND EQUIPMENT, BACKHAUL TRASH, ID REHAB NEEDS.

8. Special Instructions
RIDGE / HEIGHT FIRE: 228 ac., JOHNSON FIRE: 150 ac., GREENHORN FIRE: .1 ac., REFUGE FIRE: .1 ac., REFUGE 2 FIRE: .1 ac.

9. Division/Group Communications Summary							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	170.5500	169.9000	5, 6	FOREST NET	1		
Tactical Div/Group	166.7750	166.7750		NIFCI T6	5		
Logistics							
Air to Ground	169.1500	169.1500		AIR/GROUND	9		

Prepared by (Resource Unit Leader) PAT CAPRIOLI RESL	Approved by (Planning Section Chief) ANN MARX PSC2	Date Prepared 08/24/13	Time Prepared 1154
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Hough Complex – Safety Message

INCIDENT: # CA-PNF-001324

DATE: 08-24-13

TIME: 1800 – 0600 NIGHT

Major Hazards and Risks:

Environment

- Local temperatures can fluctuate 40 to 50 degrees in a relatively short period
- Rugged steep terrain/ Beware Rolling rocks and other materials
- Watch for snags on the line, roads and in camp. Mark them and make them known. Look up and live!
- MINES –There are vertical and horizontal mines, unmarked, on this fire.
- Natural asbestos can get airborne when broken up by dozers (Serpentine rock, looks wet and glossy)

Human Factors

- Do not get complacent during tedious mop-up procedures
- Pay attention when crossing the roads
- Driving - Keep speeds down, seatbelts on and your headlights on. People on road in front of base camp
- Fatigue - Possible long travel distances for initial attack and the growing fatigue factor for all personnel
- Lookouts, Communication, Escape Routes and Safety Zones
- Don't forget to get an anchor point on new starts
- Remember to wash hands and remove dirty fire clothing before entering food area/cover sneeze with sleeves

Animals, Insects and Other Pests

- Ticks (Lyme Disease), Bees (aggressive), Mice (Hanta Virus), Rattle Snakes, Mountain Lions and Bears
- Numerous Deer on public roads during early morning and early evenings

Narrative:

You have fought hard, the fires are nearly out, and now it is time for mop-up. Wildland firefighting often involves countless hours of tedious mop-up work. While mopping-up, continue to survey the area for hazard trees. Hazard trees, both dead snags and live green trees, are one of the most common risks encountered on the fireline. All firefighters should frequently survey their work area for potential hazards. Situational awareness will play a key role in your and your team members overall safety. In addition, traditional gridding techniques can mean hours sifting through the ashes, only to have to repeat the whole process if a live ember is found. The operation is entering in its final stages but the mission is not complete until each team member has reached their home or next assignment safely. Stay vigilant throughout the entire firefighting process.



Common Denominators of Fire Behavior on Tragedy Fires

There are four major common denominators of fire behavior on fatal and near-fatal fires. Such fires often occur:

1. On relatively small fires or deceptively quiet areas of large fires.
2. In relatively light fuels, such as grass, herbs, and light brush.
3. With unexpected shifts in wind direction or wind speed.
4. When fire responds to topographic conditions and runs uphill.



Alignment of topography and wind during the burning period should be considered a trigger point to reevaluate tactics.

Incident Safety Officers: Tom Zeulner SOF2 / Lee Mercer- Forest Safety Officer

(Signature)

(Signature)

HOUGH COMPLEX INCIDENT ANALYSIS (ICS 215a)

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES
ALL	COMMUNICATIONS	<ul style="list-style-type: none"> • Re-clone radios if needed, check radio before going to line
ALL	HAZARD TREES	<ul style="list-style-type: none"> • Follow Hazard Tree Safety Guidelines IRPG p.20 • Limit number of personnel around snags and their exposure time; fallers must be qualified for trees being fallen. • Be especially alert around snags during wind events. • Check for hazard trees & "widow-makers" • Night time complicates hazard tree identification
ALL	MINES	<ul style="list-style-type: none"> • Stay on assignment, do not wander off • Focus on the terrain while walking • Scan the area with your headlamp prior to walking in a direction • Stop often and look for irregularities in the terrain, - ex. Collapses • GPS spot, contact division, flag it off and ensure others notified
ALL	HAZARDOUS WEATHER	<ul style="list-style-type: none"> • Watch for changes in wind direction and intensity
ALL	FIRE BEHAVIOR	<ul style="list-style-type: none"> • Monitor current weather conditions and forecasts. Make sure all personnel receive thorough briefings every shift. • Maintain adequate escape routes and safety zones. Advise all personnel if these are compromised or changed. Set trigger points when appropriate. • Adhere to 10 Std Fire Orders, mitigate 18 situations that shout... • Maintain Situational Awareness. LCES in place always.
ALL	FATIGUE	<ul style="list-style-type: none"> • Be alert for signs of fatigue and take breaks as necessary. • Maintain 2:1 work/rest ratio. • Monitor incoming resources for level of fatigue. • Be alert for signs of heat stress in yourself and others. • Drinking water before, during and after shifts, 3 to 1 water to Gatorade
ALL	DRIVING	<ul style="list-style-type: none"> • Watch for logging trucks on local roads. • Keep speeds down, don't drive distracted • Watch out for people crossing street by base camp...stay alert!
ALL	LINE CONSTRUCTION	<ul style="list-style-type: none"> • Ensure LCES in place prior to engagement IRPG p. 6. • Establish adequate safety zones IRPG p.7. • Use Downhill Line Checklist IRPG p. 8. • Follow "Look Up, Look Down, Look Around" procedures IRPG p. 2-3 • Utilize Risk Management Process IRPG p.1.
ALL	INITIAL ATTACK	<ul style="list-style-type: none"> • Do the Risk Management process prior to any engagement • LCES will be in place during any operation. • This country requires you to LOOK UP, LOOK DOWN AND AROUND. • The weather can change instantly, always be observant. • Base all actions on current and expected fire behavior
	DATE PREPARED: August 24, 2013	OPERATIONAL PERIOD 1800 to 0600 NIGHT Shift 08/24/13 Prepared by 
	TIME PREPARED: 1230 hrs	T. Zeulner SOF 2  L. Mercer Forest Safety Officer

INCIDENT RADIO COMMUNICATIONS PLAN			Incident Name Hough Complex		Date/Time Prepared 8/24/13 1100 HRS.		Operational Period Date/Time 8/24/13 - 1800-0600		
Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq N or W	RX Tone/NAC	TX Freq N or W	Tx Tone/NAC	Mode	Remarks
1	COMMAND	FOREST NET	ALL DIVISIONS	170.5500 N		169.9000 N		A	T5-Kettlerock/T6-Mt.Hough
2	TACTICAL	NIFC T3	DIVISION B/H	168.6000 N		168.6000 N		A	
3	TACTICAL	NIFC T5	CONTINGENCY	166.7250 N		166.7250 N		A	UNSTAFFED
4	TACTICAL	VTAC 11	CONTINGENCY	151.1375 N		151.1375 N	156.7	A	MUST USE T6 TO TX
5	TACTICAL	NIFC T6	DIVISION W/Y	166.7750 N		166.7750 N		A	
6	TACTICAL	NIFC T7	STR GRP	168.2500 N		168.2500 N		A	UNSTAFFED
7	TACTICAL	VTAC 13	CONTINGENCY	158.7375 N		158.7375 N	156.7	A	MUST USE T6 TO TX
8	TACTICAL	NIFC T2	INITIAL ATTACK	168.2000 N		168.2000 N		A	
9	AIR TO GROUND	AIR/GRND	ALL DIVISIONS	169.1500 N		169.1500 N		A	
10									
11									
12									
13									
14									
15	CALCORD	Medical	CALCORD	156.0750 N		156.0750 N	156.7	A	A/G MEDICAL EMERGENCIES TONE 6
16	Air Guard	Guard	ALL DIVISIONS	168.6250 N		168.6250 N	110.9	A	Ground to Air EMERGENCY ONLY TONE 1
5. Prepared by (Communications Unit) David Paschke, COML					Incident Location County Plumas State CA Latitude N Longitude W				

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital (Project 25) **Last Clone 08-22**

MEDICAL PLAN ICS 206	1. INCIDENT NAME Hough Complex	2. DATE PREPARED 08/24/13	3. TIME PREPARED 1030	4. OPERATIONAL PERIOD DATE / TIME			
				08/24/13		1800 - 0600	
5. INCIDENT MEDICAL AID STATIONS							
MEDICAL AID STATIONS			LOCATION			PARAMEDICS	
						YES	NO
Medical Unit			Base Camp			<input checked="" type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
6. TRANSPORTATION							
A. MEDEVAC SERVICES							
NAME		LOCATION		PHONE		PARAMEDICS	
						YES	NO
Mountain Life Lite 5		650 Ash St. Susanville		530-257-2444		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Enloe Flight Care (NVG)		Enloe Medical Center, Chico		800-344-1863		<input checked="" type="checkbox"/>	<input type="checkbox"/>
CHP Helicopter (Hoist)		2651 Gold St. Redding		530-225-2040		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Army National Guard (Hoist, NVG)		Redding Airport, Redding Ca		Hough Comm		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Raven – Washoe County Sheriff's (Hoist, NVG)		Reno-Stead, Nv		775-785-4228		<input type="checkbox"/>	<input checked="" type="checkbox"/>
B. AMBULANCES							
NAME		LOCATION			PARAMEDICS		
					YES NO		
					<input type="checkbox"/> <input type="checkbox"/>		
					<input type="checkbox"/> <input type="checkbox"/>		
					<input type="checkbox"/> <input type="checkbox"/>		
7. HOSPITALS							
NAME	ADDRESS	TRAVEL TIME From ICP		PHONE	HELIPAD		BURN CENTER
		AIR	GROUND		YES	NO	YES NO
Plumas District Hospital Minor Trauma	1065 Bucks Lane, Quincy, Ca. N39° 56.41' x W120° 57.72'	15 Min	40 Min	530-283-2121 (ER)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/>
Enloe Medical Center Level 2	1531 Esplanade, Chico, Ca. N39° 44.78' x W121° 51.03'	45 Min	2 Hr	916-786-3033 (ER)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/>
UC Davis Medical Center Level 1	2315 Stockton Blvd. Sacramento N38° 33.2907', W121° 27.3771'	Min	3 Hr	916-734-3892 (ER)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
Renown Health Medical Level 2	1155 Mill St. Reno N39° 13.6853' x W121° 2.8323'	45 Min	2 Hr	775-982-4144 (ER)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/>
8. MEDICAL EMERGENCY PROCEDURES							
<u>LINE EMERGENCY</u>				<u>INJURY REPORTING PROCEDURES</u>			
Crew Supervisor to contact Division Supervisor with complaint and Location.				NATURE OF INJURY _____			
<ul style="list-style-type: none"> Division Supervisor Contacts: <ul style="list-style-type: none"> 1. Line EMT 2. Communications Unit Communications Unit contacts: <ul style="list-style-type: none"> 1. Medical Unit 2. Operations 3. Air Operations / Helibase 4. Safety 5. Liaison Division Supervisor will designate Point of Contact who will run emergency on command channel Communication Unit will clear command channel for emergency traffic Medical Unit <ul style="list-style-type: none"> 1. Arrange proper transportation 2. Notify receiving hospital of injury status. 				LOCATION OF PATIENT _____			
				TRANSPORTATION REQUEST BY: AIR _____ GROUND _____			
				AIR FREQUENCY: <u>Medical (Ch 15 on Incident Radio)</u>			
				POINT OF PICK UP _____			
				LAT _____ LONG _____			
				PATIENT UNIT ID _____			
				IS EMT WITH PATIENT: YES _____ NO _____			
				AGE: _____			
				SEX: MALE _____ FEMALE _____			
				History: _____			
				Medication: _____			
				Allergies: _____			
				Vitals and other information: _____			
<u>BASE CAMP / ICP EMERGENCY</u>							
Contact Medical Unit with patient complaint/ condition and location. Medical Unit will respond to stabilize incident:							
<ul style="list-style-type: none"> Medical Unit contacts: <ul style="list-style-type: none"> 1. Communications 2. Safety 3. Logistic 4. Operation 5. Crew Supervisor 							
9. PREPARED BY (MEDICAL UNIT LEADER)				10. REVIEWED BY (SAFETY OFFICER)			
Robert Ethridge MEDL Medical: (530) 284-1047 <i>RE</i>				Tom Zeulner SOF2 <i>TZ</i>			

Blisters

What are blisters exactly? A blister is a collection of [clear](#) fluid called serum between [skin](#) layers. Firefighters get blisters from the friction of their boots against their skin.

How do I prevent blisters?

- Get the right boot. It's important to get the right fit. Your feet should not slip around in your boot. When you try them on, wear your hiking socks. Walk around in them, stand on your tip toes, squat, and walking down a ramp if you can. Your boots should feel comfortable. Don't compromise on fit.
- Wear good quality hiking socks that don't wear down as easily as cotton. Some firefighters wear sock liners underneath their socks. Sock liners made of wicking material help to wick moisture away from the skin.
- Keep your feet dry. Rub Gold Bond on your feet at night and in the morning to help keep them dry. Change out your socks if they feel damp. At camp, take your boots and socks off asap. Remove the insole and let them air dry.
- **If you feel a hot spot, stop immediately and treat it.** Clean it and place a bandage or moleskin on it to prevent further wear.

How do I treat a blister? If a blister has formed and it needs to be popped, here's what you do.

- Clean your hands and the blister
- Sterilize your needle by either (1) lighting it with your lighter until it turns red or (2) cleaning it with Purell
- Puncture the blister from the side with the needle and remove it. Repeat in different places if the blister doesn't immediately drain
- [Apply](#) pressure with bandage to encourage drainage.
- Apply a fabric band-aid that will allow the blister to dry.
- Avoid putting adhesive directly on the blister.

Hiking on Blisters

- Some firefighters apply moleskin **around** the blister to prevent the blister from rubbing against the boot. To do this, fold a piece of mole skin in half, **cut away a hole in the middle about the size of the blister**, and place over the blister. Cut notches on the moleskin to "form fit" around the involved area.
- Periodically check the bandages and change them if they are damp. It's important to keep the area dry. You might even let your feet air dry.

Other Tips

- Avoid putting adhesive directly on blisters.
- If needed, use duct tape or coban to secure moleskins.
- Careful that your bandages don't have sharp edges that would rub against nearby toes. Keep open wounds like blisters clean to prevent serious infections.
- Take care of your feet immediately

Logistics Message

Weed Washing Requirements

Please go through weed wash prior to first assignment and when Demobing.

DIVS Y & W must go through weed wash before you go to another division.

Water Sources

Use only approved water source sites.

Please use caution opening and closing hydrant valves. Water hammer can seriously damage water systems. Water hammer occurs when a valve is opened or closed too fast and the sudden change in water pressure hammers the system. Your cooperation in avoiding damage to the water systems is greatly appreciated

REGIONAL V INCIDENTS update:

CA-TNF American Fire: 22, 040 acres, 67% contained. Expected containment 09/01/2013. IMT1 (Opliger). Continued significant fire growth in the eastern portions of the fire. Mop up operations continue in the northern and western portions of the fire. Significant changes in fuel types associated with the fire continue to burn in steep and hazardous terrain, as well as receptive timber fuels that have not burned in decades. Consumption of heavy fuels continues to contribute to the heavy smoke in the surrounding area.

CA-SRF Corral Complex: 10,897 acres, 0% contained. Expected containment 10/01/2013. Unified Command (Joseph/Mendes). The fire is 1/4 mile from the eastern boundary of the Hoopa Indian Reservation and within 2 miles of the Water Dog Lake area. There was another spot fire between the previous spot and the larger fire on the northern aspect of Tish Tang Point, these are expected to merge with the main fire. The fire is established on the south side of Horse Linto Creek and is burning towards the ridge on the south. The fire progressed towards Fawn Butte.

CA-PNF Hough: 513 acres, 72% contained. Expected containment 08/24/2013. IMT2 (Nunez). Fire activity was limited and good progress was made on all fires. Crews continue with mop up and patrol operations on contained/controlled fires.

CA-SRF Butler: 20,596 acres, 39% contained. Expected Containment 09/15/2013. IMT1 (Quesinberry). A marine layer limited fire behavior during the morning hours. Fire crews continued mopping up the slop over and fired along a short portion of line south of Orleans Mountain. Smoke from nearby fires is settling in around the Butler fire impacting air quality and visibility.

CA-KNF Salmon River Complex: 14,377 acres, 95% contained. Expected containment 08/25/2013. IMT 2 (Wakoski). Crews will continue to mop up, patrol and hold constructed handlines. Structure defense will continue around the community of Sawyers Bar, including daily sprinkler system maintenance and testing. Continued consumption of unburned fuels will occur throughout the fire area.

CA-TGU Deer: 1,715 acres, 15% contained. IMT3 (Darnell). Continued threat to 500KV powerlines. Due to difficult terrain, there is limited access for ground resources.

Rim Fire, CA-STF-2857, Tuolumne County,
125,620 acres 5% contained

Gobblers Fire, CA-BDF-11417, San Bernardino County
354 acres, 65% contained.

Fire behavior continued to moderate throughout the night.

Spring Peak NV-HTF-30475, Mineral County
14,200 acres 85% contained

Windy Peak Fire CA-KNP-00013, Kings Canyon National Park
North of the Middle Fork of the Kings River near Simpson Meadow and Windy Peak.
Fire is estimated at 40 acres, lightning caused.

Fish Fire, CA-SQF-3295, Golden Trout Wilderness, Inyo Kern NEW
40-50 acres Southwest Type 2 Incident Management Team **(Riedy)** Has been mobilized.



Human Resource Message

YOUR RIGHTS AND RESPONSIBILITIES

Rights:

- To work in a harassment-free environment where people treat one another with dignity, equity, courtesy and respect.
- To say "no" to unwelcome advances or requests for favors.
- To file complaints or grievances through appropriate avenues.

Responsibilities:

- To behave in a manner that treats people with dignity, equity, courtesy and respect.
- To abide by agency and incident ethics and conduct regulations.
- To report any harassment or other inappropriate behavior you observe or experience

Cyndie Genzmer

Human Resource Specialist
Cyndie Genzmer
805-550-0274

Trainee/Trainer Data Worksheet

PLEASE PRINT CLEARLY!

A. Trainee Data

Trainee Name: _____ Cell Phone # (____) _____

Trainee Position: _____ Order Number (example: O-16) _____

Agency Designator (example: CA-LPF) _____ Agency Type: ___ Federal ___ State ___ Local Govt.

If Federal, check one of the following; ___ USFS ___ BLM ___ BIA ___ FWS ___ DOD ___ NWS ___ NPS

Ordered as a Trainee for the incident? ___ Yes ___ No / Ordered as a USFS PRIORITY Trainee? ___ Yes ___ No

Date Assigned: _____ Incident Release Date: _____

Person's name and title that is responsible for tracking your qualifications: (Where do you want this mailed to?)

Name: _____ Title: _____

Agency: _____

Agency Address: _____ City _____

State: _____ Zip: _____ Phone Number: () _____

B. Trainee Prerequisites

1. Valid Red Card or agency certification card? (**Show to Training Specialist**) ___ Yes ___ No
2. Trainee has current Position Taskbook issued by home unit? ___ Yes ___ No
3. Trainee has incident issued Position Taskbook with concurrence by home unit? ___ Yes ___ No

C. Trainer/Evaluator Data

Trainer/Evaluator Name: _____ Position: _____

Agency: _____ Cell Phone # (____) _____

Address: _____ City: _____

State: _____ Zip Code: _____ Alternate Phone # (____) _____

Order # (example: O-16) _____ Incident Release Date: _____

D. Training Goals - (3 core tasks or objectives in your taskbook to be evaluated on this incident)

1. _____
2. _____
3. _____

HOUGH COMPLEX PHONE LIST

IC / Safety	530-284-7596
Operations	530-284-6685
PIO	530-284-7120
PIO	530-284-1815
Resource / Demob	530-284-1582
Finance	530-284-7068
Med Unit	530-284-1047
Comm Unit	530-284-1824
Plans	530-284-0823
Supply / Ordering	530-284-6238
Situation	530-284-1856
Weather	530-284-0915
Ground Support	805-558-6090
Logistics	805-878-1369
Facilities	323-855-0054

