

*Corrected*

# Hough Complex

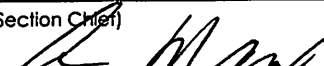

CA-PNF- 001324

(0511) P5HV99

AUGUST 23, 2013

Night Operational Period

1800 - 0600

<b>INCIDENT OBJECTIVES</b>	1. Incident Name <b>Hough Complex</b>	2. Date Prepared <b>8/23/2013</b>	3. Time Prepared <b>1400</b>															
4. Operational Period <p style="text-align: center;"><b>August 23, 2013</b></p> <p style="text-align: right;"><b>Night Operations: 1800 – 0600</b></p>																		
5. General Control Objectives for the Incident (include alternatives) <b>Management Objectives</b> <ol style="list-style-type: none"> <li>1. Provide for firefighter and public safety as the highest priority.</li> <li>2. Provide and coordinate protection of structures, timber lands, and infrastructure on public and private lands within the complex.</li> <li>3. Provide timely information, notification and communications regarding fire activity and effects on air quality.</li> <li>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.</li> <li>5. Maintain a high level of collaboration with local communities, neighboring and cooperating agencies.</li> <li>6. Minimize disruption to local economies with local communities, neighboring and cooperating agencies.</li> <li>7. Provide IA response and resources for new starts through the Central Coast Incident Commander.</li> </ol> <b>Control Objectives</b> <p style="text-align: center;">Suppress fires within the complex in the smallest area that can be safely accomplished with available resources.</p>																		
6. Weather Forecast for Period  <b>See Attached Weather Forecast</b>																		
7. General Safety Message  <b>See Attached Safety Message</b>																		
8. Attachments (mark if attached) <table border="0" style="width: 100%;"> <tr> <td><input checked="" type="checkbox"/> Incident Objectives – ICS 202</td> <td><input checked="" type="checkbox"/> Division Assignment List – ICS 204</td> <td><input checked="" type="checkbox"/> Medical Plan - ICS 206</td> </tr> <tr> <td><input checked="" type="checkbox"/> Organization List - ICS 203</td> <td><input checked="" type="checkbox"/> Safety Message</td> <td><input type="checkbox"/> Human Resource Message</td> </tr> <tr> <td><input checked="" type="checkbox"/> Fire Weather Forecast</td> <td><input checked="" type="checkbox"/> Incident Safety Analysis – ICS 215A</td> <td><input type="checkbox"/> Traffic Plan</td> </tr> <tr> <td><input checked="" type="checkbox"/> Fire Behavior Forecast</td> <td><input checked="" type="checkbox"/> Air Ops Summary – ICS 220</td> <td><input type="checkbox"/> Incident Map</td> </tr> <tr> <td><input type="checkbox"/> Pocket Card</td> <td><input checked="" type="checkbox"/> Communications Plan - ICS 205</td> <td><input checked="" type="checkbox"/> Unit Log – ICS 214</td> </tr> </table>				<input checked="" type="checkbox"/> Incident Objectives – ICS 202	<input checked="" type="checkbox"/> Division Assignment List – ICS 204	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Safety Message	<input type="checkbox"/> Human Resource Message	<input checked="" type="checkbox"/> Fire Weather Forecast	<input checked="" type="checkbox"/> Incident Safety Analysis – ICS 215A	<input type="checkbox"/> Traffic Plan	<input checked="" type="checkbox"/> Fire Behavior Forecast	<input checked="" type="checkbox"/> Air Ops Summary – ICS 220	<input type="checkbox"/> Incident Map	<input type="checkbox"/> Pocket Card	<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input checked="" type="checkbox"/> Unit Log – ICS 214
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9. Prepared by (Planning Section Chief) <b>Ann Marx, PSC2</b> 		10. Approved by (Incident Commander) <b>Mark Nunez, ICT2</b> 																



1. Incident Name		HOUGH COMPLEX	
2. Date Prepared		08/23/13	
3. Time Prepared		1123	
4. Operational Period		08/23/13 Friday Night Shift 1800 - 0600	
Position		Name	
9. Operations Section		Day	
Steve Stoll / Mark Smith (T)		Night	
John Abell		Branch I - Division/Groups	
VAN ARROYO (T) / MARK COURSON (T)		Planning Ops	
Deputy		Branch Director	
JOE SEAN KENNEDY		Division/Group B	
JOE SEAN KENNEDY		Division/Group H	
JOE SEAN KENNEDY		Division/Group W / Y	
DANA D'ANDREA		Deputy	
TOM ZEULNER; RICK BERTRAM		Safety Officer	
HELEN TARBET; MADRIGAL, MANUEL		Information Officer	
MCGREW; GRAHAM; JONES; WALDRON(T)		Liaison Officer	
b. Branch II - Division/Groups		Branch Director	
Agency Representative		Name	
Agency Administrator		KAREN HAYDEN; MICHAEL DONALD	
CALFire		JIM BARRY	
FOREST SAFETY OFFICER		LEE MERCER	
PLUMAS NF FIRE CHIEF		STEVE MILLETT	
OES		JOHN CLARY	
7. Planning Section		c. Branch III - Division/Groups	
Chief		ANN MARX	
Deputy		STEVE ANDERSON	
Resources Unit		BILL BRICKEY; PAT CAPRIOLI	
Situation Unit		JOHN GERMANETTI; MIKE HELD	
Documentation Unit		DEBRA RIOS	
Demobilization Unit		DENA FOOSE	
Fire Behavior Analyst		STEWART TURNER	
Human Resource Specialist		d. Air Operations Branch	
Training Specialist		DOUG DICKSON; TONY AYALA (T)	
GIS Specialist		M.FLEISCHERW; RANNALS; POWELL	
Computer Specialist		SCOTT DANIELS	
IMET		MIKE SMITH	
FBAN		STEWART TURNER	
8. Logistics Section		Air Tanker Coordinator	
Helicopter Coordinator		Air Support Supervisor	
AL DRIESBACH		Air Attack Supervisor	
WALTER BUNT		Helibase Manager	
CURT WARNER		Air Operations Branch Director	
BRAD JOOS		Air Operations Branch Director	
10. Finance Section		Air Operations Branch Director	
Chief		TOM CRAKES	
Deputy		JERRY BEAN	
Supply Unit		JOHN HARKLEROAD	
Facilities Unit		SCOTT GARDNER / MIKE FARMER (T)	
Ground Support Unit		VIC MUZYKA / JOHN SAUNDERS	
Communications Unit		DAVID PASCHKE	
Medical Unit		ROBERT ETHRIDGE/TYE JOHNSON (T)	
Security Unit		Prepared by (Resource Unit Leader)	
Food Unit		KERRY KELLOGG	
		BILL BRICKEY (RESL)	



## INCIDENT Weather Forecast




FORECAST NO: 5

NAME OF FIRE: Hough Complex

PREDICTION FOR: Friday Night SHIFT

UNIT: Hough RD, Plumas NF

SHIFT DATE: Aug 23/24, 2013

SIGNED: Mike Smith 

TIME AND DATE

Incident Meteorologist

FORECAST ISSUED: 1200 Aug 23, 2013

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**WEATHER DISCUSSION:** Stable conditions will continue over the region Friday night as stable southwest flow aloft remains over the region. With the stable conditions, inversions will develop quickly again this evening continuing through the night. This will bring another night of cool temperatures but only moderate humidity recovery. There may be a slight increase in ridgetop winds but the inversions will likely keep these winds from reaching the lower elevations. An upper trough dropping into the eastern Pacific will move a weak frontal system towards the norcal coast late Saturday and Sunday. The main impact for the Hough complex will be some increased southwest winds over the ridges and upper slopes. The strongest winds are likely to occur Sunday. The area will also see a little cooling with slightly higher humidity especially on Sunday and a few high clouds.

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**\*\*\* Increased ridge winds from Saturday afternoon through Sunday afternoon \*\*\***

### **WEATHER FORECAST:**

**WEATHER:** Fair skies with smoke settling into the valleys by early evening.

**TEMPERATURES:** Minimum temperatures 45 lower elevations to 50 upper slopes.

**HUMIDITY:** Maximum humidity recovery 70-75% lower elevations to around 58% upper slopes.

#### **20 FT WINDS:**

**RIDGETOP** – Southwest winds up to 5 mph with occasional gusts to 10 mph through the early evening decreasing after 2100 to variable to 4 mph.

**SLOPE/VALLEY** – Upslope to upcanyon 3-8 mph becoming light downslope after about 2100.

**STABILITY/INVERSION:** Moderate valley inversions settling in quickly after sunset. Moderately stable aloft.

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**OUTLOOK FOR (Saturday):** Mostly sunny. Maximum temperatures 83 to 90. Minimum humidity 18 to 25%. Ridge winds increasing after about 1000 to southwest 8 to 15 mph. Occasional gusts to 20 mph in the late afternoon. Ridge gusts decreasing after sunset. For the slopes...Winds becoming upslope to upcanyon 3-8 mph after about 1000 except upper south slopes winds southwest 4 to 8 gusts to 12 mph.

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**OUTLOOK FOR Saturday Night:** Fair skies. Minimum temperatures 45-50. Max RH recovery 60 to 75%. Ridge winds southwest to 5 mph with occasional gusts to 10 mph. Slope winds downslope to downcanyon to 5 mph.

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**Extended forecast for Sunday:** Mostly sunny with some scattered clouds. Maximum temperatures 83 to 90. Minimum humidity 20-26%. Ridge winds increasing after about 1000 to southwest 10-15 mph with gusts up to 20 mph. Some gusts up to 25 mph in the late afternoon. 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.

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**EXTRA INFORMATION:** Sunrise 6:23 Sunset 7:48

# FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 8

TYPE OF FIRE: Wildfire

FIRE NAME: Hough Complex

OPERATIONAL PERIOD: Night Shift 8/23/2013

DATE ISSUED: August 23, 2013

TIME ISSUED: 1100

UNIT: Plumas National Forest

SIGNED: Stewart Turner FBAN 

## INPUTS

### WEATHER SUMMARY:

Fair skies with smoke settling into the valleys by early evening.

Minimum Temp 45°-50°, Maximum RH 70-75%, winds slope/valley downslope light after about 2100, ridgetop southwest 5 mph with occasional gusts to 10 mph through the early evening decreasing after 2100 to variable to 4 mph.

## OUTPUTS

### FIRE BEHAVIOR

#### GENERAL:

Fire behavior will be low to moderate. Most of the fire will be in the heavy fuels, stumps, logs and snags. Rollouts and falling snags will continue to be a problem contributing to the spread of the fire. Local threshold for fire weather: Winds greater than 6 mph, humidity less than 20%, temperature greater than 80°, and 10 hour fuel moisture less than 5%. **The Probability of Ignition will be 76% at the beginning of shift to 13% by morning. The fine dead fuel moisture will be 4% to 14%. Currently the dead fuel moistures are low with the 1000 hour fuels around 8%.**

#### SPECIFIC:

**Ridge:** Stump holes and larger fuels will continue to burn. Rollouts will still threaten the line.

**Evens:** Rollouts will continue to threaten the line.

**Initial Attack:** Most of the new starts have been single trees or logs with some surface fire. With the dry fuel bed expect the fire behavior to be more active than seen in the past. Active fire behavior can be expected.

The larger fuels will hold fire through the higher humidity periods. New strikes on dry large fuels can hold for several days.

**AIR OPERATIONS:** No expected limitations to air operations during the beginning of the shift.

## SAFETY

*Common Denominators of fire behavior on tragedy fires:*

- *Most incidents happen on the smaller fires or on isolated portions of larger fires.*
- *Most fires are innocent in appearance before unexpected shifts in wind direction and/or speed results in "flare-ups" or "extreme fire behavior." In some cases, tragedies occur in the mop-up stage.*
- *Flare-ups generally occur in deceptively light fuels, such as grass and light brush.*
- *Fires run uphill surprisingly fast in chimneys, gullies, and on steep slopes.*
- *Some suppression tools, such as helicopters or airtankers, can adversely affect fire behavior. The blasts of air from low flying helicopters and airtankers have been known to cause flare-ups.*

<b>Division Assignment List</b>	1. Branch	2. Division/Group
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3. Incident Name HOUGH COMPLEX	4. Operational Period 08/23/13 Friday Night Shift 1800 - 0600
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**5. Operations Personnel**

Operations Chief (DAY)	STEVE STOLL / MARK SMITH (T)	Division/Group Supervisor	JOE SEAN KENNEDY
Operations Chief (NIGHT)	JOHN ABELL	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

7. Control Operations

8. Special Instructions

**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	168.6000	168.6000		NIFC T3	2		
Logistics							
Air to Ground	169.1500	169.1500		AIR/GROUND	9		

Prepared by (Resource Unit Leader) PAT CAPRIOLI RESL <i>[Signature]</i>	Approved by (Planning Section Chief) ANN MARX PSC2 <i>[Signature]</i>	Date Prepared 08/23/13	Time Prepared 1128
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<b>Division Assignment List</b>	1. Branch	2. Division/Group <b>H</b>
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3. Incident Name <b>HOUGH COMPLEX</b>	4. Operational Period <b>08/23/13 Friday Night Shift 1800 - 0600</b>
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**5. Operations Personnel**

Operations Chief (DAY)	STEVE STOLL / MARK SMITH (T)	Division/Group Supervisor	JOE SEAN KENNEDY
Operations Chief (NIGHT)	JOHN ABELL	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
ENGINE T6 MN_WNA 861	LONDO	3	N	BASE CAMP / 1800	BASE CAMP / 0600
ENGINE T6 IA_IAS 952	SCHLATER	3	N	BASE CAMP / 1800	BASE CAMP / 0600

**7. Control Operations**  
PATROL and HOLD. TAKE SUPPRESSION ACTIONS AS NEEDED.  
MOP UP AS APPROPRIATE, MONITOR FOR NEW STARTS.  
BACK HAUL TRASH.

**8. Special Instructions**

HUNT FIRE: 21 ac. DOZER/HOSE LINED., MOUNTAIN FIRE: 1/2 ac. LINED., BEARDSLEY FIRE: .1 ac.,  
32 FIRE: 1/4 ac. FIRE AROUND 2 HEAVEY SNAGS, DIXIE FIRE: 3/4 ac. LINED, PEERLESS FIRE: .1 ac.,  
KESSLER FIRE: 40 X 50 SINGLE TREE.

**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	166.7250	166.7250		NIFC T5	3		
Logistics							
Air to Ground	169.1500	169.1500		AIR/GROUND	9		

Prepared by (Resource Unit Leader) PAT CAPRIOLI RESL <i>[Signature]</i>	Approved by (Planning Section Chief) ANN MARX PSC2 <i>[Signature]</i>	Date Prepared 08/23/13	Time Prepared 1141
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<b>Division Assignment List</b>			1. Branch		2. Division/Group <b>W / Y</b>		
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3. Incident Name <b>HOUGH COMPLEX</b>			4. Operational Period <b>08/23/13 Friday Night Shift 1800 - 0600</b>			
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5. **Operations Personnel**

Operations Chief (DAY)		<b>STEVE STOLL / MARK SMITH (T)</b>		Division/Group Supervisor		<b>JOE SEAN KENNEDY</b>	
Operations Chief (NIGHT)		<b>JOHN ABELL</b>		Air Attack Supervisor			
Planning Ops		<b>VAN ARROYO (T); MARK COURSON (T)</b>		Safety Officer		<b>TOM ZEULNER / RICK BERTRAM (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
S/T T1 9222 G	GRENDAHL	38	N	BASE CAMP / 1800	BASE CAMP / 0600
CREW T1 TAMALPAIS (C-17)	WALSH	14	N	BASE CAMP / 1800	BASE CAMP / 0600
CREW T2IA FIRESTORM 17A(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
ENGINE T3 PNF E-22	BRENZOVICH	5	N	BASE CAMP / 1800	BASE CAMP / 0600
WT T2 CA_PNF 2 (24hr)	HARWOOD	1	N	BASE CAMP / 1800	BASE CAMP / 0600
WT T2 COLLIER (E-14) (24hr)	COLLIER	1	N	BASE CAMP / 1800	BASE CAMP / 0600
DOZER T2 CA TGU 2540 (24hr)	GLENN / WILSON	1	N	BASE CAMP / 1800	BASE CAMP / 0600
Eng. 9261 C 24hr					
Eng 9225 C "					

7. Control Operations  
 Construct direct and indirect line as needed. Hold and Patrol.  
 Monitor for new starts. Take suppression actions as needed.  
 Mop up where appropriate,  
 Back haul trash.

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) <b>PAT CAPRIOLI RESL</b>		Approved by (Planning Section Chief) <b>ANN MARX PSC2</b>		Date Prepared <b>08/23/13</b>	Time Prepared <b>1208</b>
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# Hough Complex – Safety Message

INCIDENT: # CA-PNF-001324

DATE: 08-23-13

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

- Driving - Keep speeds down, seatbelts on and your headlights on. People on road in front of base camp
- Backing - Use spotters when backing large vehicles in tight areas/give assistance if you see someone needs it
- Fatigue - Possible long travel distances for initial attack and the growing fatigue factor for all personnel
- 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

**Fire Order of the Day:** Base all actions on current and expected behavior of the fire.

The original ten Standard Firefighting Orders were developed in 1957 by a task force commissioned by the USDA-Forest Service Chief Richard E. McArdle. The task force reviewed the records of 16 tragedy fires that occurred from 1937 to 1956. The Standard Firefighting Orders were based in part on the successful "General Orders" used by the United States Armed Forces. The Standard Firefighting Orders are organized in a deliberate and sequential way to be implemented systematically and applied to all fire situations. Shortly after the Standard Firefighting Orders were incorporated into firefighter training, the 18 Situations That Shout Watch Out were developed. These 18 situations are more specific and cautionary than the Standard Fire Orders and described situations that expand the 10 points of the Fire Orders. If firefighters follow the Standard Firefighting Orders and are alerted to the 18 Watch Out Situations, much of the risk of firefighting can be reduced.

*This could be you!*



### The 2&7 Tool:

#### TWO ERRORS:

- 1-Underestimating hazards and using inadequate safety measures (i.e., inadequate LCES)
- 2-Failing to notice changing conditions and adjust tactics accordingly

#### SEVEN BARRIERS:

- 1-Inexperience
- 2-Getting too comfortable (complacency, Inattention, (false sense of security, autopilot)
- 3-Distracted from primary duty
- 4-Priorities out of order
- 5-Social influences (groupthink, peer pressure)
- 6-Stress reaction
- 7-Physical impairment (from fatigue, carbon monoxide, heat stress, medication, etc.)

**Lookouts ---- Communications**

**Escape Routes ---- Safety Zones**



Incident Safety Officers: Tom Zeulner SOF2 / Rick Bertram SOF2 (T) Lee Mercer- Forest Safety Officer

*TZ*

*RB*

*LEM*

## HOUGH COMPLEX INCIDENT ANALYSIS (ICS 215a)

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES
ALL	COMMUNICATIONS	<ul style="list-style-type: none"> <li>• Re-clone radios if needed, check radio before going to line</li> </ul>
ALL	HAZARD TREES	<ul style="list-style-type: none"> <li>• Follow Hazard Tree Safety Guidelines IRPG p.20</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.</li> <li>• Check for hazard trees &amp; "widow-makers"</li> <li>• Night time complicates hazard tree identification</li> </ul>
ALL	MINES	<ul style="list-style-type: none"> <li>• Stay on assignment, do not wander off</li> <li>• Focus on the terrain while walking</li> <li>• Scan the area with your headlamp prior to walking in a direction</li> <li>• Stop often and look for irregularities in the terrain, - ex. Collapses</li> <li>• GPS spot, contact division, flag it off and ensure others notified</li> </ul>
ALL	HAZARDOUS WEATHER	<ul style="list-style-type: none"> <li>• Watch for changes in wind direction and intensity</li> </ul>
ALL	FIRE BEHAVIOR	<ul style="list-style-type: none"> <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. Advise all personnel if these are compromised or changed. Set trigger points when appropriate.</li> <li>• Adhere to 10 Std Fire Orders, mitigate 18 situations that shout...</li> <li>• Maintain Situational Awareness. LCES in place always.</li> </ul>
ALL	FATIGUE	<ul style="list-style-type: none"> <li>• Be alert for signs of fatigue and take breaks as necessary.</li> <li>• Maintain 2:1 work/rest ratio.</li> <li>• Monitor incoming resources for level of fatigue.</li> <li>• Be alert for signs of heat stress in yourself and others.</li> <li>• Drinking water before, during and after shifts, 3 to 1 water to Gatorade</li> </ul>
ALL	DRIVING	<ul style="list-style-type: none"> <li>• Watch for logging trucks on local roads.</li> <li>• Keep speeds down, don't drive distracted</li> <li>• Watch out for people crossing street by base camp...stay alert!</li> </ul>
ALL	LINE CONSTRUCTION	<ul style="list-style-type: none"> <li>• Ensure LCES in place prior to engagement IRPG p. 6.</li> <li>• Establish adequate safety zones IRPG p.7.</li> <li>• Use Downhill Line Checklist IRPG p. 8.</li> <li>• Follow "Look Up, Look Down, Look Around" procedures IRPG p. 2-3</li> <li>• Utilize Risk Management Process IRPG p.1.</li> </ul>
ALL	INITIAL ATTACK	<ul style="list-style-type: none"> <li>• Do the Risk Management process prior to any engagement</li> <li>• LCES will be in place during any operation.</li> <li>• This country requires you to LOOK UP, LOOK DOWN AND AROUND.</li> <li>• The weather can change instantly, always be observant.</li> <li>• Base all actions on current and expected fire behavior</li> </ul>
	<p>DATE PREPARED: August 23, 2013</p> <hr/> <p>TIME PREPARED: 1230 hrs</p>	<p>OPERATIONAL PERIOD 1800 to 0600 NIGHT Shift 08/23/13</p> <p>Prepared by    T. Zeulner SOF 2      R. Bertram SOF 2 (T) </p>

INCIDENT RADIO COMMUNICATIONS PLAN			Incident Name <b>Hough Complex</b>			Date/Time Prepared <b>8/23/13 1100 HRS.</b>		Operational Period Date/Time <b>8/23/13 -1800-0600</b>		
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	168.6000 N		168.6000 N		A	UNSTAFFED	
3	TACTICAL	NIFC T5	DIVISION H	166.7250 N		166.7250 N		A		
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	STRUCTURE 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\*\*

<b>MEDICAL PLAN</b> ICS 206	<b>1. INCIDENT NAME</b> Hough Complex	<b>2. DATE PREPARED</b> 08/23/13	<b>3. TIME PREPARED</b> 0930	<b>4. OPERATIONAL PERIOD</b> DATE / TIME 08/23/13 1800 - 0600				
	<b>5. INCIDENT MEDICAL AID STATIONS</b>							
<b>MEDICAL AID STATIONS</b>		<b>LOCATION</b>			<b>PARAMEDICS</b>			
					<b>YES NO</b>			
Medical Unit		Base Camp			<input checked="" type="checkbox"/> <input type="checkbox"/>			
					<input type="checkbox"/> <input type="checkbox"/>			
<b>6. TRANSPORTATION</b>								
<b>A. MEDEVAC SERVICES</b>								
<b>NAME</b>		<b>LOCATION</b>		<b>PHONE</b>	<b>PARAMEDICS</b>			
					<b>YES NO</b>			
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"/>			
Raven - Washoe County Sheriff's (Hoist, NVG)		Reno-Stead, Nv		775-785-4228	<input type="checkbox"/> <input checked="" type="checkbox"/>			
<b>B. AMBULANCES</b>								
<b>NAME</b>		<b>LOCATION</b>			<b>PARAMEDICS</b>			
					<b>YES NO</b>			
Plumas 1		Staging Throughout Incident			<input checked="" type="checkbox"/> <input type="checkbox"/>			
					<input type="checkbox"/> <input type="checkbox"/>			
					<input type="checkbox"/> <input type="checkbox"/>			
<b>7. HOSPITALS</b>								
<b>NAME</b>	<b>ADDRESS</b>	<b>TRAVEL TIME From ICP</b>		<b>PHONE</b>	<b>HELIPAD</b>		<b>BURN CENTER</b>	
		<b>AIR</b>	<b>GROUND</b>		<b>YES</b>	<b>NO</b>	<b>YES</b>	<b>NO</b>
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"/>
<b>8. MEDICAL EMERGENCY PROCEDURES</b>								
<b>LINE EMERGENCY</b>				<b>INJURY REPORTING PROCEDURES</b>				
<p>Crew Supervisor to contact Division Supervisor with complaint and Location.</p> <ul style="list-style-type: none"> <li>Division Supervisor Contacts: <ul style="list-style-type: none"> <li>1. Line EMT</li> <li>2. Communications Unit</li> </ul> </li> <li>Communications Unit contacts: <ul style="list-style-type: none"> <li>1. Medical Unit</li> <li>2. Operations</li> <li>3. Air Operations / Helibase</li> <li>4. Safety</li> <li>5. Liaison</li> </ul> </li> <li>Division Supervisor will designate Point of Contact who will run emergency on command channel</li> <li>Communication Unit will clear command channel for emergency traffic</li> <li>Medical Unit <ul style="list-style-type: none"> <li>1. Arrange proper transportation</li> <li>2. Notify receiving hospital of injury status.</li> </ul> </li> </ul>				<p>NATURE OF INJURY _____</p> <p>LOCATION OF PATIENT _____</p> <p>TRANSPORTATION REQUEST BY: AIR _____ GROUND _____</p> <p>AIR FREQUENCY: <u>Medical (Ch 15 on Incident Radio)</u></p> <p>POINT OF PICK UP _____</p> <p>LAT _____ LONG _____</p> <p>PATIENT UNIT ID _____</p> <p>IS EMT WITH PATIENT: YES _____ NO _____</p> <p>AGE: _____</p> <p>SEX: MALE _____ FEMALE _____</p> <p>History: _____</p> <p>Medication: _____</p> <p>Allergies: _____</p> <p>Vitals and other information:</p>				
<p><b>BASE CAMP / ICP EMERGENCY</b></p> <p>Contact Medical Unit with patient complaint/ condition and location. Medical Unit will respond to stabilize incident:</p> <ul style="list-style-type: none"> <li>Medical Unit contacts: <ul style="list-style-type: none"> <li>1. Communications</li> <li>2. Safety</li> <li>3. Logistic</li> <li>4. Operation</li> <li>5. Crew Supervisor</li> </ul> </li> </ul>								
<b>9. PREPARED BY (MEDICAL UNIT LEADER)</b>				<b>10. REVIEWED BY (SAFETY OFFICER)</b>				
Tye Johnson MEDL-T      Medical: (530) 284-1047 <i>TJ</i>				Tom Zeulner SOF2 <i>TZ</i>				

# **Fire Information**

Just a friendly reminder, when you are out in the community and are approached by the public, please answer only questions that you are certain of. If uncertain of a question asked, please refer the community to the Public Information Officers in the ICP.

Also, please advise the community of the following information resources:

InciWeb – [www.inciweb.org](http://www.inciweb.org)

Twitter – Central Coast IMT7

Thanks for your help,

CCIIMT7 PIOs

## **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

# Incident Trainee / Trainer Data Worksheet

PLEASE PRINT LEGIBLY!

## A: Trainee Data

Trainee Name: \_\_\_\_\_

Trainee Position: \_\_\_\_\_ Order Number (E, O, C, A) \_\_\_\_--\_\_\_\_\_

State Abr. \_\_\_\_ + 3 Letter Designator \_\_\_\_\_ Agency Type:  Federal  State  Local

USFS  BLM  BIA  FWS  DOD  NWS  NPS Date Assigned: \_\_\_\_--\_\_\_\_--\_\_\_\_\_

Ordered as a Trainee for the incident?  Yes  No Ordered as a PRIORITY trainee?  Yes  No

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

Name: \_\_\_\_\_ Title: \_\_\_\_\_ Home Unit: \_\_\_\_\_

Agency Address: \_\_\_\_\_ City: \_\_\_\_\_

State: \_\_\_\_\_ Zip: \_\_\_\_\_ Phone Number: ( ) \_\_\_\_\_--\_\_\_\_\_

## B. Trainee Prerequisites

	YES	NO
1. Possesses valid Red Card or agency certification card?	<input type="radio"/>	<input type="radio"/>
2. Trainee has a proper agency initiated position task book?	<input type="radio"/>	<input type="radio"/>
3. Trainee has an <b>incident issued</b> task book?	<input type="radio"/>	<input type="radio"/>

## C. Trainer/Evaluator Data (All fields are required to be filled in)

Trainer/Evaluator Name: \_\_\_\_\_ Position: \_\_\_\_\_

Home Unit: \_\_\_\_\_ Order Number (E, O, C, A) \_\_\_\_--\_\_\_\_\_

Work Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_

Zip Code: \_\_\_\_\_ Phone Number: ( ) \_\_\_\_\_--\_\_\_\_\_

## D. Trainee Goals (items in the position task book 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



<b>UNIT LOG</b>	1. INCIDENT NAME	2. DATE PREPARED	3. TIME PREPARED
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4. UNIT NAME/DESIGNATORS.	5. UNIT LEADER (NAME AND POSITION)	6. OPERATIONAL PERIOD
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7. PERSONNEL ROSTER ASSIGNED		
NAME	ICS POSITION	HOME BASE

8. ACTIVITY LOG (CONTINUE ON REVERSE)	
TIME	MAJOR EVENTS

