

# HOUGH COMPLEX

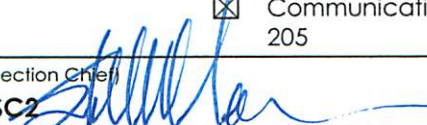
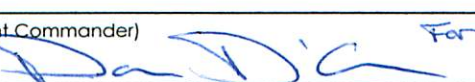
CA-PNF- 001324

(0511) P5HV99


**AUGUST 21, 2013**

NIGHT Operational Period

1800 - 0600

|  |   |   |                                 |
|--|---|---|---------------------------------|
| <b>INCIDENT OBJECTIVES</b>   | 1. Incident Name<br><b>Hough Complex</b>                                | 2. Date Prepared<br><b>8/21/2013</b>  | 3. Time Prepared<br><b>1300</b> |
| 4. Operational Period<br><b>August 21, 2013</b> <span style="float: right;"><b>Night - Operations: 1800 – 0600</b></span>  |   |   |                                 |
| 5. General Control Objectives for the Incident (include alternatives)<br><b>Management Objectives</b><br><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><br><p>Suppress fires within the complex in the smallest area that can be safely accomplished with available resources.</p> |   |   |                                 |
| 6. Weather Forecast for Period<br><br><b>See Attached Weather Forecast</b>   |   |   |                                 |
| 7. General Safety Message<br><br><b>See Attached Safety Message</b>  |   |   |                                 |
| 8. Attachments (mark if attached)  |   |   |                                 |
| <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 checked="" 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  |                                 |
| 9. Prepared by (Planning Section Chief)<br><b>Steve Anderson, PSC2</b>    |   | 10. Approved by (Incident Commander)<br><b>Mark Nunez, ICT2</b>  For |                                 |

| ORGANIZATION ASSIGNMENT LIST                              |  |
|---|--|
| 1. Incident Name<br><b>HOUGH COMPLEX</b>                  |  |
| 2. Date<br>08/21/13                                       | 3. Time<br>1300  |
| 4. Operational Period<br><b>Night 1800 -0600 08/21/13</b> |  |
| Position  | Name   |
| 5. Incident Commander and Staff                           |  |
| Incident Commander  | <b>Mark Nunez / Mark von Tillow (T)</b>                          |
| Deputy  | <b>Dana D'Andrea</b>   |
| Safety Officer  | <b>Tom Zeulner / Rick Bertram</b>                                |
| Information Officers                                      | <b>Helen Tarbet / Manny Madrigal</b>                             |
| Liaison Officers  | <b>Warner McGrew/Randy Graham<br/>Jeff Jones/Lee Waldron (T)</b> |
| 6. Agency Representative                                  |  |
| Agency  | Name   |
| Agency Administrator                                      | <b>Karen Hayden / Michael Donald (T)</b>                         |
| CALFire   | <b>Jim Barry</b>   |
| Forest Safety Officer                                     | <b>Lee Mercer</b>  |
| Plumas NF Fire Chief                                      | <b>Steve Millert</b>   |
| OES   | <b>John Clary</b>  |
| 7. Planning Section                                       |  |
| Chief   | <b>Ann Marx</b>  |
| Deputy  | <b>Steve Anderson</b>  |
| Resources Unit  | <b>Bill Brickey / Pat Caprioli</b>                               |
| Situation Unit  | <b>John Germanetti / Mike Held</b>                               |
| Documentation Unit  |  |
| Demobilization Unit                                       |  |
| GISS  | <b>Mike Fleisher/Wendy Rannels / Scott Powell</b>                |
| IMET  | <b>Mike Smith</b>  |
| Fire Behavior   | <b>Stewart Turner</b>  |
| Training  | <b>Doug Dickson / Tony Ayala (T)</b>                             |
| Computer Specialist                                       | <b>Scott Daniels</b>   |
| Resource Advisor  | <b>Kurt Sable</b>  |
| 8. Logistics Section                                      |  |
| Chief   | <b>Tom Crakes</b>  |
| Deputy  | <b>Jerry Bean</b>  |
| Supply Unit   | <b>John Harkleroad</b>   |
| Facilities Unit   | <b>Scott Gardner / Mike Farmer (T)</b>                           |
| Ground Support Unit                                       | <b>Vic Muzyka / John Saunders</b>                                |
| Communications Unit                                       | <b>David Paschke</b>   |
| Medical Unit  | <b>Robert Etheridge / Tye Johnson (T)</b>                        |
| Security Unit   |  |
| Food Unit   | <b>Kerry Kellogg</b>   |

|  |   |
|--|---|
| 9. Operations Section  |   |
| Chief (Day)  | <b>Steve Stoll / Mark Smith (T)</b>             |
| Chief (Night)  | <b>John Abell<br/>Joe Sean Kennedy ICT3 (T)</b> |
| Planning   | <b>Mark Courson (T)</b>                         |
| a. Branch I - Division/Groups  |   |
| Branch Director  |   |
| Deputy   |   |
| Division/Group   | <b>B</b>  |
| Division/Group   | <b>H</b>  |
| Division/Group   | <b>Y</b>  |
| Division/Group   | <b>STRUCTURE</b>                                |
| Structure Group  |   |
| b. Branch II - Division/Groups   |   |
| Branch Director  |   |
| Deputy   |   |
| Division/Group   |   |
| Division/Group   |   |
| Division/Group   |   |
| Division/Group   |   |
| Division/Group   |   |
| c. Branch III - Division/Groups  |   |
| Branch Director  |   |
| Deputy   |   |
| Division/Group   |   |
| Division/Group   |   |
| Division/Group   |   |
| d. Air Operations Branch   |   |
| Air Operations Branch Director   | <b>Brad Joos</b>                                |
| Air Attack Supervisor  | <b>Walter Bunt</b>                              |
| Air Support Supervisor   | <b>Al Driesbach</b>                             |
| Helicopter Coordinator   |   |
| Air Tanker Coordinator   |   |
| 10. Finance Section  |   |
| Chief  | <b>Judy Reynolds</b>                            |
| Deputy   | <b>Robin Nimura</b>                             |
| Time Unit  | <b>Casey Bryson</b>                             |
| Procurement Unit   |   |
| Compensation/Claims Unit   |   |
| Cost Unit  |   |
| Prepared by (Resource Unit Leader)<br>Bill Brickey, RESL -  |   |



## INCIDENT Weather Forecast



FORECAST NO: 1

NAME OF FIRE: Hough Complex

PREDICTION FOR: Wednesday Night SHIFT

UNIT: Hough RD, Plumas NF

SHIFT DATE: Aug 21/22, 2013

SIGNED: Mike Smith

TIME AND DATE

Incident Meteorologist

FORECAST ISSUED: 1200 Aug 21, 2013

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**WEATHER DISCUSSION:** An upper level low pressure system will be moving along the Norcal coast Wednesday night bringing a continued threat of showers and thunderstorms through the evening hours. The thunderstorm threat should decrease after sunset but a slight threat will continue through the night. Any thunderstorms could contain heavy rainfall and frequent lightning as well as small hail. Humidity recovery should remain moderate with generally light winds and slightly unstable conditions. Thursday will see a reduced threat of showers or thunderstorms as the low shifts to the north. A slight increase in upper level southwest winds may be felt at some higher elevations.

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\*\*\* RED FLAG WARNING FOR THUNDERSTORMS THROUGH THURSDAY EVENING \*\*\*

### WEATHER FORECAST:

**WEATHER:** Partly cloudy. A chance of thunderstorms through the early evening hours then a slight chance of showers or thunderstorms through the remainder of the night. Gusty and erratic winds near thunderstorms.

**TEMPERATURES:** Low temperatures 58 to 65.

**HUMIDITY:** Maximum 50% ridgetops to 80% lower elevations.

**20 FT WINDS:**

**RIDGETOP** – South to southeast to 5 mph with gusts to 10 mph though about 2100 then east to northeast to 5 mph.

**SLOPE/VALLEY** - Upslope to upcanyon 3 to 8 mph through about 2100 then downslope to downcanyon to 5 mph.

**STABILITY/INVERSION:** Weak inversions settling in after about 2100. Slightly unstable aloft.

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**OUTLOOK FOR (Thursday):** Partly cloudy with a slight chance of showers or thunderstorms. Thunderstorm threat ending after sunset. Fair skies Thursday night. Daytime highs 85-90. Min humidity 20 to 25%. Overnight lows 55-63. Max RH recovery 45-75% ridges to lower elevations. Daytime winds on the ridges out of the south at 5 to 10 mph with gusts up to 15 mph. Southwest ridgetop winds continuing through the night to 5 mph with gusts to 10 mph. Upslope to upcanyon winds on the slopes 3-8 mph becoming downslope to downcanyon to 5 mph after 2100.


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**OUTLOOK FOR Friday:** Mostly Sunny. High temperatures 88 to 94. Min RH 18 to 23%. Ridge winds southwest to 5 mph with occasional gusts to 10 mph. Upslope/upcanyon winds 3 to 8 mph on the slopes.

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**EXTRA INFORMATION:** Sunrise 6:21 Sunset 7:51

# FIRE BEHAVIOR FORECAST

|                              |   |
|------------------------------|---|
| FORECAST NUMBER: 4           | TYPE OF FIRE: Wildfire  |
| FIRE NAME: Hough Complex     | OPERATIONAL PERIOD: Night Shift 8/21/2013   |
| DATE ISSUED: August 21, 2013 | TIME ISSUED: 1100   |
| UNIT: Plumas National Forest | SIGNED: Stewart Turner FBAN  |

## INPUTS

### WEATHER SUMMARY:

**...RED FLAG WARNING IN EFFECT THROUGH THURSDAY EVENING FOR THUNDERSTORMS...**

Partly cloudy. A chance of thunderstorms through early evening hours then a slight chance of showers or thunderstorms through the remainder of the night. Gusty and erratic winds near thunderstorms.

Minimum Temp 58°-65°, Maximum RH 50-80%, winds slope/valley upslope 3-8 mph, ridgetop south southeast 5 mph gusts to 10 mph.

## OUTPUTS

### FIRE BEHAVIOR

#### GENERAL:

Fire behavior will be low to moderate, but will increase with thunderstorm activity to active and very active. Rollouts and falling snags will be a problem contributing to the spread of the fire. Outflow winds will increase fire behavior and could dramatically change the spread direction of established fires. 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 11% by morning. The fine dead fuel moisture will be 4% to 15%. Currently the dead fuel moistures are low with the 1000 hour fuels around 8%.**

#### SPECIFIC:

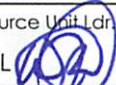
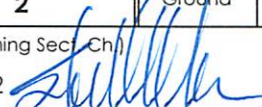
**Gusty winds around thunderstorms may cause erratic fire behavior.**


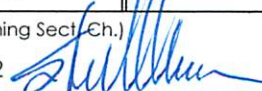
The larger fuels will hold fire through the higher humidity periods. Strong winds can overcome high humidity and high fuel moisture causing sleeping fires to awaken and move around. New strikes on dry large fuels can hold for several days coming to life with a breath of life. Expect new starts from the predicted lightning. Watch the sky and listen to the radio for weather updates. Thunderstorms have been coming out of the south. Outflow winds can increase the fire behavior and change the direction of spread in a short period of time.

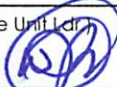

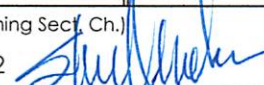
**AIR OPERATIONS:** Thunderstorms may limit air operations during the beginning of the shift.

### SAFETY


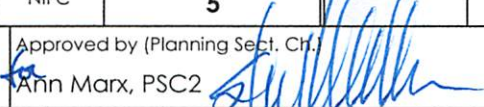
Take weather observations frequently. Base all actions on current and expected fire behavior. Reexamine your plan and risk analysis as fire behavior increases. Post more lookouts, if more warning time is needed.

|   |  |  |   |  |                               |                   |                  |
|---|--|--|---|--|-------------------------------|-------------------|------------------|
| <b>DIVISION ASSIGNMENT LIST</b>   |  |  | 1. Branch   |  | 2. Division/Group<br><b>B</b> |                   |                  |
| 3. Incident Name<br><b>HOUGH COMPLEX</b>  |  |  | 4. Operational Period<br>Date: <b>08/21/2013</b> Time: <b>NIGHT 1800-0600</b> |  |                               |                   |                  |
| 5. Operations Personnel   |  |  |   |  |                               |                   |                  |
| Operations Chief (Day)  |  | <b>Steve Stoll / Mark Smith (T)</b>  |   | Division/Group Supervisor  |                               |                   |                  |
| Operations Chief (Night)  |  | <b>John Abell<br/>Joe Sean Kennedy ICT3 (T)</b>  |   | Air Attack Supervisor No.  |                               |                   |                  |
| 6. Resources Assigned this Period   |  |  |   |  |                               |                   |                  |
| Strike Team/Task Force/ Resource Designator   |  | Leader   |   | Number Persons   | Trans. Needed                 | Drop Off PT./Time | Pick Up PT./Time |
|   |  |  |   |  |                               |                   |                  |
|   |  |  |   |  |                               |                   |                  |
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|   |  |  |   |  |                               |                   |                  |
| 7. Control Operations   |  |  |   | LCES MITIGATIONS   |                               |                   |                  |
| <b>KEDDIE FIRE, COOKS FIRE, RUBY FIRE, EVANS FIRE, PEAKS 2 FIRE, SUPERIOR FIRE:</b><br>Monitor and patrol as advised by Operations.<br>Monitor for new starts, take suppression action as needed. |  |  |   | See attached Safety Message<br>Be vigilant to changing weather and weather alerts. |                               |                   |                  |
| 8. Special Instructions   |  |  |   |  |                               |                   |                  |
| <b>KEDDIE FIRE: 18 ac.</b><br><b>COOKS FIRE: 1/4 ac.</b><br><b>RUBY FIRE: 1 ac.</b><br><b>EVANS FIRE: 15 ac.</b><br><b>PEAKS FIRE:</b><br><b>SUPERIOR FIRE:</b>                                   |  |  |   |  |                               |                   |                  |
| 9. Division/Group Communication Summary   |  |  |   |  |                               |                   |                  |
| Function  | Frequency  | System   | Channel   | Function   | Frequency                     | System            | Channel          |
| Command   | <b>RX 170.5500<br/>TX 169.9000<br/>Tone 5, 6</b> | King NIFC  | <b>FOREST NET<br/>1</b>   | Logistics  |                               | King NIFC         |                  |
| Tactical Div/Group  | <b>RX/TX 168.6000</b>                            | King NIFC  | <b>NIFC TAC 3<br/>2</b>   | Air to Ground  | <b>RX/TX 169.1500</b>         | King NIFC         | <b>7</b>         |
| Prepared by (Resource Unit Ldr.)<br>Bill Brickey, RESL   |  | Approved by (Planning Sec. Ch)<br>Ann Marx, PSC2  |   | Date<br>08/21//2013  |                               | Time<br>1330      |                  |

|   |   |  |                     |  |                       |                   |                  |
|---|---|--|---------------------|--|-----------------------|-------------------|------------------|
| <b>DIVISION ASSIGNMENT LIST</b>   |   | 1. Branch  |                     | 2. Division/Group<br><b>H</b>  |                       |                   |                  |
| 3. Incident Name<br><b>HOUGH COMPLEX</b>  |   | 4. Operational Period<br>Date: <b>08/21/2013</b> Time: <b>NIGHT 1800-0600</b>  |                     |  |                       |                   |                  |
| 5. Operations Personnel   |   |  |                     |  |                       |                   |                  |
| Operations Chief  |   | <b>Steve Stoll / Mark Smith (T)</b>  |                     | Division/Group Supervisor  |                       |                   |                  |
| Branch Director (Night)   |   | <b>John Abell</b><br><b>Joe Sean Kennedy ICT3 (T)</b>  |                     | Air Attack Supervisor No.  |                       |                   |                  |
| 6. Resources Assigned this Period   |   |  |                     |  |                       |                   |                  |
| Strike Team/Task Force/ Resource Designator   |   | Leader   |                     | Number Persons   | Trans. Needed         | Drop Off PT./Time | Pick Up PT./Time |
| ENG-T6-MN_WNA 861   |   | LONDO  |                     | 3  | N                     |                   |                  |
| ENG-T6-IA_IAS 952   |   | SCHLATER   |                     | 3  | N                     |                   |                  |
| WT-T2-CA_PNF 2  |   |  |                     |  |                       |                   |                  |
|   |   |  |                     |  |                       |                   |                  |
|   |   |  |                     |  |                       |                   |                  |
|   |   |  |                     |  |                       |                   |                  |
|   |   |  |                     |  |                       |                   |                  |
| 7. Control Operations<br><b>HUNT FIRE, MOUNTAIN FIRE, BEARDSLY FIRE, 32 FIRE, DIXIE FIRE, PEERLESS FIRE, KESSLER FIRE:</b><br>Patrol and Hold. Take suppression actions as needed.  |   |  |                     | LCES MITIGATIONS<br>See attached Safety Message<br>Be vigilant to changing weather and weather alerts. |                       |                   |                  |
| 8. Special Instructions<br><b>HUNT FIRE: 21 ac. Dozer/hose lined</b><br><b>MOUNTAIN FIRE: ½ ac. Lined</b><br><b>BEARDSLY FIRE: .1 ac.</b><br><b>32 FIRE: ¼ ac. Fire around 2 heavy snags</b><br><b>DIXIE FIRE: 3/4 ac. Lined</b><br><b>PEERLESS FIRE: .1 ac.</b><br><b>KESSLER FIRE: 40 X50 Single tree</b> |   |  |                     |  |                       |                   |                  |
| 9. Division/Group Communication Summary   |   |  |                     |  |                       |                   |                  |
| Function  | Frequency   | System   | Channel             | Function   | Frequency             | System            | Channel          |
| Command   | <b>RX 170.5500</b><br><b>TX 169.9000</b><br><b>Tone 5,6</b> | King NIFC  | <b>FOREST NET 1</b> | Logistics  |                       | King NIFC         |                  |
| Tactical Div/Group  | <b>RX/TX 166.7250</b>                                       | King NIFC  | <b>NIFC TAC 5 3</b> | Air to Ground  | <b>RX/TX 169.1500</b> | King NIFC         | <b>7</b>         |
| Prepared by (Resource Unit Lead)<br>Bill Brickey, RESL   |   | Approved by (Planning Sect. Ch.)<br>Ann Marx, PSC2  |                     | Date<br>08/21//2013  |                       | Time<br>1200      |                  |

|   |   |  |   |                           |   |                   |                  |
|---|---|--|---|---------------------------|---|-------------------|------------------|
| <b>DIVISION ASSIGNMENT LIST</b>   |   |  | 1. Branch   |                           | 2. Division/Group<br><b>Y</b>   |                   |                  |
| 3. Incident Name<br><b>Hough Complex</b>  |   |  | 4. Operational Period<br>Date: <b>08/21/2013</b> Time: <b>Night 1800-0600</b> |                           |   |                   |                  |
| 5. Operations Personnel   |   |  |   |                           |   |                   |                  |
| Operations Chief (Day)  |   | <b>Steve Stoll / Mark Smith (T)</b>  |   | Division/Group Supervisor |   |                   |                  |
| Operations Chief (Night)  |   | <b>John Abell<br/>Joe Sean Kennedy ICT3 (T)</b>  |   | Air Attack Supervisor No. |   |                   |                  |
| 6. Resources Assigned this Period   |   |  |   |                           |   |                   |                  |
| Strike Team/Task Force/ Resource Designator   |   | Leader   |   | Number Persons            | Trans. Needed   | Drop Off PT./Time | Pick Up PT./Time |
| CREW-T2IA-FIRESTORM 2 (C-2)   |   | BAILEY   |   | 20                        | N   | ICP / 1800        | Base Camp / 0600 |
| CREW-T2-CSR (C-3)   |   | OSBORN   |   | 20                        | N   | ICP / 1800        | Base Camp / 0600 |
| CREW-T2-FIRST STRIKE (C-2)  |   | ROLES  |   | 20                        | N   | ICP / 1800        | Base Camp / 0600 |
| ENGINE-T3- PNF E22  |   | BRENZOVIK  |   | 5                         | N   | ICP / 1800        | Base Camp / 0600 |
| S/T-CA_LMU 9225C  |   | PELACOUR   |   | 17                        | N   | ICP / 1800        | Base Camp / 0600 |
| S/T-CA_SKU 9261C  |   | KENDALL  |   | 16                        | N   | ICP / 1800        | Base Camp / 0600 |
| DOZER-T1- TGU 2540  |   | GLENN/WILSON   |   | 1                         | N   | ICP / 1800        | Base Camp / 0600 |
| WT-T2-CA_PNF 2  |   | HARWOOD  |   | 1                         | N   | ICP / 1800        | Base Camp / 0600 |
| WT-T2-COLLIER (E-14)  |   | COLLIER  |   | 1                         | N   | ICP / 1800        | Base Camp / 0600 |
|   |   |  |   |                           |   |                   |                  |
| 7. Control Operations<br><b>RIDGE FIRE/HEIGHT FIRES, JOHNSON FIRE:</b><br>Construct direct and indirect line as needed. Hold and Patrol.<br>Monitor for new starts. Take suppression actions as needed. |   |  |   |                           | LCES MITIGATIONS<br>See Attached Safety Message.<br>Be vigilant to changing weather and weather alerts. |                   |                  |
| 8. Special Instructions<br><b>RIDGE FIRE/HEIGHT FIRE: 228 ac.</b><br><b>JOHNSON FIRE: 89 ac.</b>  |   |  |   |                           |   |                   |                  |
| 9. Division/Group Communication Summary   |   |  |   |                           |   |                   |                  |
| Function  | Frequency   | System   | Channel   | Function                  | Frequency   | System            | Channel          |
| Command   | <b>RX 170.5500 N<br/>TX 169.9000 N<br/>Tone 5,6</b> | King NIFC  | <b>FOREST NET<br/>1</b>   | Logistics                 |   | King NIFC         |                  |
| Tactical Div/Group  | <b>RX/TX 166.7750<br/>NIFC T6</b>                   | King NIFC  | <b>NIFC TAC 6<br/>4</b>   | Air to Ground             | <b>RX/TX 169.1500 N</b>   | King NIFC         | <b>7</b>         |
| Prepared by (Resource Unit Ldr.)<br>Bill Brickey, RESL   |   | Approved by (Planning Sect. Ch.)<br> Ann Marx, PSC2  |   | Date<br>08/21//2013       |   | Time<br>1300      |                  |



|  |                                    |  |   |  |                                       |              |          |
|--|------------------------------------|--|---|--|---------------------------------------|--------------|----------|
| <b>DIVISION ASSIGNMENT LIST</b>  |                                    |  | 1. Branch   |  | 2. Division/Group<br><b>Structure</b> |              |          |
| 3. Incident Name<br><b>HOUGH COMPLEX</b>   |                                    |  | 4. Operational Period<br>Date: <b>08/21/2013</b> Time: <b>NIGHT 1800-0600</b> |  |                                       |              |          |
| 5. Operations Personnel  |                                    |  |   |  |                                       |              |          |
| Operations Chief (Day)   |                                    | <b>Steve Stoll / Mark Smith (T)</b>  |   | Division/Group Supervisor  |                                       |              |          |
| Operations Chief (Night)   |                                    | <b>John Abell<br/>Joe Sean Kennedy ICT3 (T)</b>  |   | Air Attack Supervisor No.  |                                       |              |          |
| 6. Resources Assigned this Period  |                                    |  |   |  |                                       |              |          |
| Strike Team/Task Force/ Resource Designator  | Leader                             | Number Persons   | Trans. Needed   | Drop Off PT./Time  | Pick Up PT./Time                      |              |          |
|  |                                    |  |   |  |                                       |              |          |
|  |                                    |  |   |  |                                       |              |          |
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|  |                                    |  |   |  |                                       |              |          |
|  |                                    |  |   |  |                                       |              |          |
| 7. Control Operations<br>Access structures threatened and prep as needed   |                                    |  |   | LCES MITIGATIONS<br>See attached Safety Message<br>Be vigilant to changing weather and weather alerts. |                                       |              |          |
| 8. Special Instructions<br>Notify Operations of any structure threat.<br>Resources may be used for IA response.                            |                                    |  |   |  |                                       |              |          |
| 9. Division/Group Communication Summary  |                                    |  |   |  |                                       |              |          |
| Function   | Frequency                          | System   | Channel   | Function   | Frequency                             | System       | Channel  |
| Command  | <b>RX 170.5500<br/>TX 169.9000</b> | King NIFC  | <b>FOREST NET<br/>1</b>   | Logistics  |                                       | King NIFC    |          |
| Tactical Div/Group   | <b>RX/TX 168.2500</b>              | King NIFC  | <b>NIFC TAC 7<br/>5</b>   | Air to Ground  | <b>RX/TX 169.1500</b>                 | King NIFC    | <b>7</b> |
| Prepared by (Resource Unit Ldr.)<br>Bill Brickey, RESL  |                                    | Approved by (Planning Sect. Ch.)<br>Ann Marx, PSC2  |   | Date<br>08/21//2013  |                                       | Time<br>1300 |          |

# Hough Complex – Safety Message

**INCIDENT: # CA-PNF-001324**

**DATE: 08-20-13**

**TIME: 1800 – 0600 NIGHT**

## Major Hazards and Risks:

### Environment

- **Thunderstorms (out flows) and lightning (page 19 in IRPG) Use 30/30 rule if it applies.**
- **Rugged steep terrain/ Rolling rocks and other materials**
- **Watch for snags on the line and roads, mark them and make them known. Look up and live.**
- **Red Flag Warning until this Thursday**
- **Possible wet and slick roads due to rain – please slow down and anticipate possible hazards**
- **MINES –There are vertical and horizontal mines, unmarked, on this fire. Look Up, Look Down, Look All Around**

### Human Factors

- **When driving keep speeds down, seatbelts on and your headlights on/ Watch out for logging trucks**
- **Possible long travel distances for initial attack and the growing fatigue factor**
- **Lookouts, Communication, Escape Routes and Safety Zones**
- **Don't forget to get an anchor point**

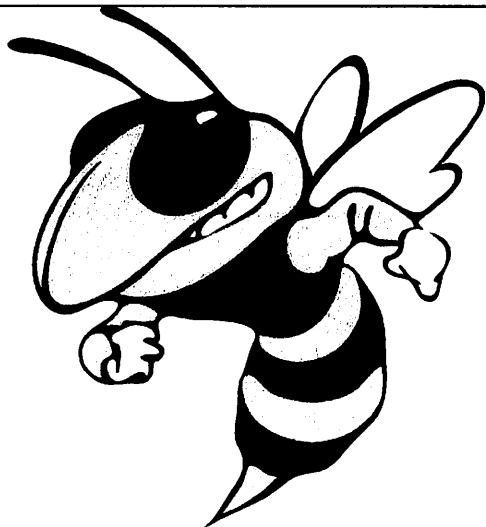
### Animals, Insects and Other Pests

- **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: Lightning-30/30 rule: If you see lightning and hear the thunderclaps follow in less than 30 seconds, take the storm precautions on page 19 of the IRPG.**

As we enter our fourth day, the fire activity has reduced in some areas. This does not mean the dangers are any less present. The trees have been compromised from the fire and many times the danger is not visible at first glance. Your vision only goes as far as your headlight so take the time to really look at the tree. Downdrafts, wind and rain will effect already weakened trees, so be alert for snags. Vegetation that held rocks and boulders in place has burned away. Even the light rains we have received have destabilized them even more. Rocks, boulders, logs are all ready to roll down on your position. You can mitigate this hazard with LCES. DO NOT get complacent.

**\*\*Gold mining was a big part of this area's history as well as other types of mining. Please be alert for vertical shafts, even horizontal shafts contain life threatening hazards. Do Not go in any mine to explore or for any other reason. If you find it FLAG it and get GPS coordinates.**



### Night Shift Notes:

#### WATCH OUT SITUATIONS

- ✓ In country not seen in daylight
- ✓ On a hillside where rolling material can ignite fuel below
- ✓ Wind increases or changes direction \ Thunderstorm

#### BEES

Allergic reactions range from pain and localized swelling to severe allergic reaction. This can be recognized by swelling in the face, respiratory distress, itching and hives along with trouble swallowing.

A severe reaction requires immediate medical attention.  
Please follow the medical plan.

### Lookouts ---- Communications

### Escape Routes and Safety Zones

## 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> <li>• Observe build up of clouds and be ready for downdrafts</li> <li>• Follow lightning protocol - IRPG P.19</li> <li>• Slow down on wet roads and dirt roads</li> <li>• <b>Monitor command channel for thunderstorm warnings</b></li> </ul>   |
| ALL | FIRE BEHAVIOR   | <ul style="list-style-type: none"> <li>• Review "Severe Fire Behavior Potential" IRPG p.78.</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. 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>• <b>Maintain Situational Awareness. LCES in place always.</b></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> </ul>  |
| ALL | HYDRATION   | <ul style="list-style-type: none"> <li>• Drinking water before, during and after shifts, 3 to 1 water to Gatorade</li> <li>• Be alert for signs of heat stress in yourself and others.</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> </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>  |
|     | DATE PREPARED:<br><br><p style="text-align: center;"><b>August 20, 2013</b></p> TIME PREPARED: 1030 hrs | OPERATIONAL PERIOD 1800 to 0600<br><b>NIGHT Shift 08/20/13</b><br><br>Prepared by<br><br><b>T. Zeulner SOF 2      R. Bertram SOF 2 (T)</b>  |

| INCIDENT RADIO COMMUNICATIONS PLAN                          |               |   | Incident Name<br><b>Hough Complex</b> |                |  | Date/Time Prepared<br><b>8/21/13<br/>1200 HRS.</b> |             |      | Operational Period Date/Time<br><b>8/21/13 -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    |   |  |  |
| 3   | TACTICAL      | NIFC T5                                     | DIVISION H                            | 166.7250 N     |  | 166.7250 N   |             | A    |   |  |  |
| 4   | TACTICAL      | NIFC T6                                     | DIVISION Y                            | 166.7750 N     |  | 166.7750 N   |             | A    |   |  |  |
| 5   | TACTICAL      | NIFC T7                                     | STR GRP                               | 168.2500 N     |  | 168.2500 N   |             | A    |   |  |  |
| 6   | TACTICAL      | NIFC T2                                     | UNSTAFFED                             | 168.2000 N     |  | 168.2000 N   |             | A    | Plumas IA Tac Only  |  |  |
| 7   | AIR TO GROUND | AIR/GRND                                    | ALL DIVISIONS                         | 169.1500 N     |  | 169.1500 N   |             | A    |   |  |  |
| 8   |               |   |                                       |                |  |  |             |      |   |  |  |
| 9   |               |   |                                       |                |  |  |             |      |   |  |  |
| 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)<br>David Paschke, COML |               |   |                                       |                | Incident Location<br>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 08-21\*\*

|                                |  |                                     |                                 |   |             |
|--------------------------------|--|-------------------------------------|---------------------------------|---|-------------|
| <b>MEDICAL PLAN</b><br>ICS 206 | <b>1. INCIDENT NAME</b><br>Hough Complex | <b>2. DATE PREPARED</b><br>08/21/13 | <b>3. TIME PREPARED</b><br>1030 | <b>4. OPERATIONAL PERIOD</b><br>DATE / TIME |             |
|                                |  |                                     |                                 | 08/21/13                                    | 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       | 800-648-4888 | <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                       |
| Plumas 1 | Staging Throughout Incident | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|          |                             | <input type="checkbox"/>            | <input type="checkbox"/> |
|          |                             | <input type="checkbox"/>            | <input type="checkbox"/> |

**7. HOSPITALS**

| NAME                                     | ADDRESS   | TRAVEL TIME<br>From ICP |        | PHONE             | HELIPAD                             |                          | BURN CENTER                         |                                     |
|--|---|-------------------------|--------|-------------------|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|
|  |   | AIR                     | GROUND |                   | YES                                 | NO                       | YES                                 | NO                                  |
| Plumas District Hospital<br>Minor Trauma | 1065 Bucks Lane, Quincy, Ca.<br>N39° 56.41' x W120° 57.72'      | 15<br>Min               | 40 Min | 530-283-2121 (ER) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| Enloe Medical Center<br>Level 2          | 1531 Esplanade, Chico, Ca.<br>N39° 44.78' x W121° 51.03'        | 45<br>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<br>Level 1       | 2315 Stockton Blvd. Sacramento<br>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<br>Level 2         | 1155 Mill St. Reno<br>N39° 13.6853' x W121° 2.8323'             | 45<br>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**

**LINE EMERGENCY**

Crew Supervisor to contact Division Supervisor with complaint and Location.

- Division Supervisor Contacts:
  1. Line EMT
  2. Communications Unit
- Communications Unit contacts:
  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
  1. Arrange proper transportation
  2. Notify receiving hospital of injury status.
  4. Operation
  5. Crew Supervisor

**BASE CAMP / ICP EMERGENCY**

Contact Medical Unit with patient complaint/ condition and location. Medical Unit will respond to stabilize incident:

- Medical Unit contacts:
  1. Communications
  2. Safety
  3. Logistic

**INJURY REPORTING PROCEDURES**

NATURE OF INJURY \_\_\_\_\_  
 LOCATION OF PATIENT \_\_\_\_\_  
 TRANSPORTATION REQUEST BY: AIR \_\_\_\_\_ GROUND \_\_\_\_\_  
 AIR FREQUENCY: **Medical (Ch 15 on Incident Radio)**  
 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:

**9. PREPARED BY (MEDICAL UNIT LEADER)**

Tye Johnson MEDL-T Cell: (909) 297-9272 *TJ*

**10. REVIEWED BY (SAFETY OFFICER)**

Tom Zeulner SOF2 *TZ*

# Incident Trainee / Trainer Data Worksheet

PLEASE PRINT LEGIBLY!

## A: Trainee Data

Trainee Name: \_\_\_\_\_ Check One:  Male  Female  
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. \_\_\_\_\_

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