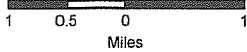


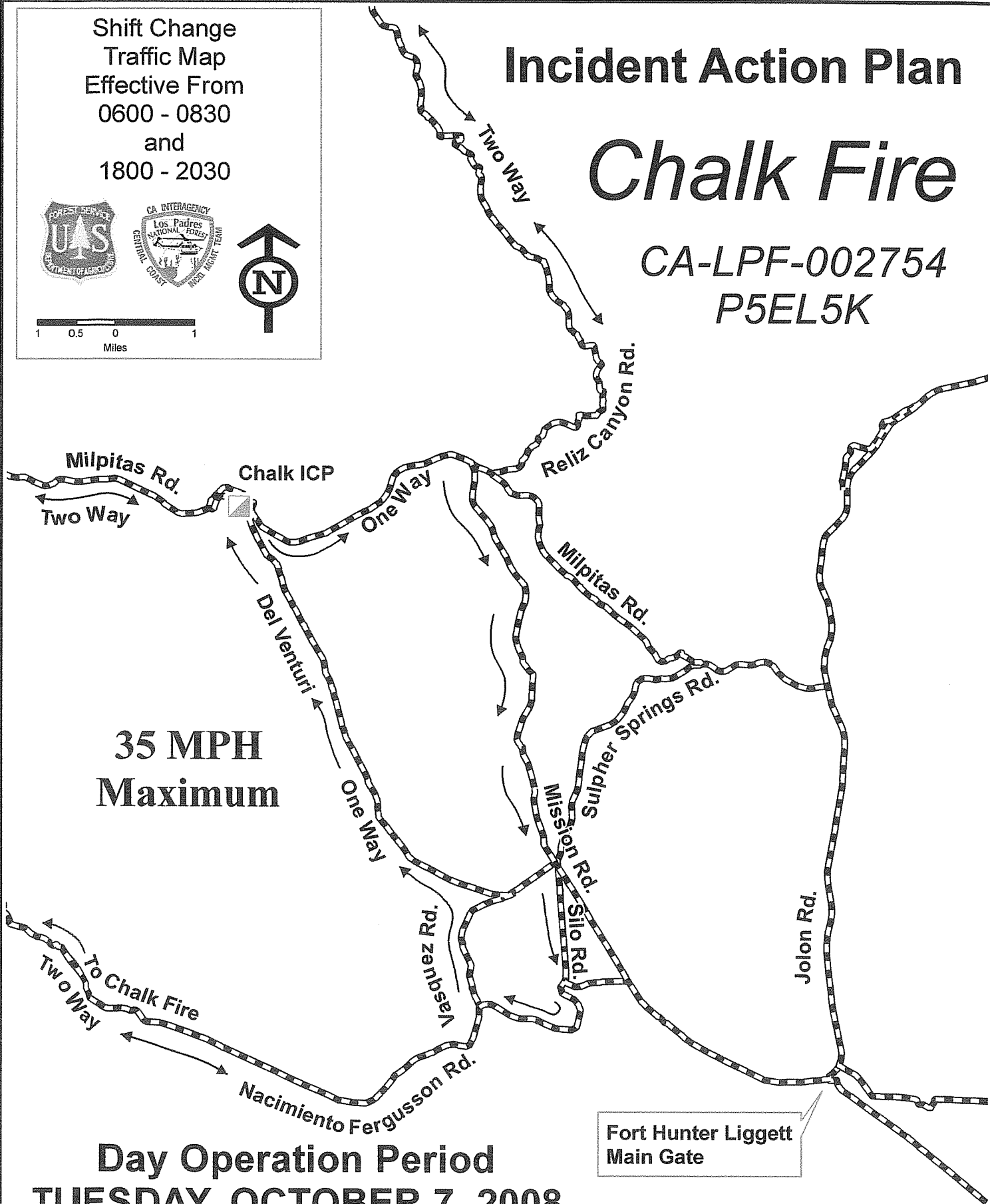
Shift Change  
Traffic Map  
Effective From  
0600 - 0830  
and  
1800 - 2030



# Incident Action Plan

# Chalk Fire

CA-LPF-002754  
P5EL5K



**35 MPH  
Maximum**

**Day Operation Period  
TUESDAY, OCTOBER 7, 2008  
0600 - 1800**



<b>Incident Objectives</b>	1. Incident Name	2. Date Prepared	3. Time Prepared
	CHALK	10/06/08	1325

4. Operational Period  
 10/07/08 Tuesday Day Shift 0600 - 1800

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

**Management Objectives:**  
 Provide for Firefighter and Public Safety..  
 Protect threatened, endangered, and sensitive plant and animal species.  
 Protect wilderness, critical steelhead habitat, wildlife, soil, water, heritage, and scenic resources.  
 Utilize Minimum Impact Suppression Tactics (MIST) within the Ventana Wilderness areas and Mill Creek Drainage.  
 Manage costs to keep them commensurate with values at risk and minimize costs plus loss.  
 Provide clear and timely communications to fire personnel, the public, and all affected agencies.

**Control Objectives:**  
 Keep the fire north of Prewitt Ridge Road.  
 Keep the fire west of Del Venturi Road.  
 Keep the fire south of the Carrizo Trail.  
 Keep the fire east of Highway 1 and Twin Peak.



**Operational Objectives:**  
 Hold the West and South perimeters of the fire.  
 Prepare and protect threatened structures.

6. Weather Forecast for Period  
 See attached Fire Weather Forecast

7. General Safety Message  
 See attached Safety Message

8. Attachments (mark if attached)

- |  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> Organization List - ICS 203      | <input checked="" type="checkbox"/> 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"/> ICS 215A LCES Analysis        |
| <input checked="" type="checkbox"/> Communications Plan - ICS205     | <input checked="" type="checkbox"/> Traffic Plan   | <input checked="" type="checkbox"/> Finance Message               |
| <input checked="" type="checkbox"/> Medical Plan - ICS 206           | <input checked="" type="checkbox"/> Base Camp Map  | <input checked="" type="checkbox"/> Human Resources               |
| <input checked="" type="checkbox"/> Air Operations Summary - ICS 220 | <input checked="" type="checkbox"/> Fire Weather   | <input checked="" type="checkbox"/> MIST Guidelines/Foam Tracking |

9. Prepared by (Planning Section Chief) ANN MARX/BILL BRICKEY (t) 	10. Approved by (Incident Commander) JIM SMITH 
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1. Incident Name <b>Chalk</b>		9. Operations Section	
2. Date 10-06-08		3. Time 2200	
4. Operational Period 10-07-08 Day Shift 0600-1800		Chief Mike Boone/ Steve Stoll (t)	
Position		Name	
5. Incident Commander and Staff		Planning Ops Scott Schuster	
Incident Commanders	Jim Smith/ Allan Currier/ Mark Nunez (t)	a. Branch I - Division/Groups	
Deputy IC	Dana D' Andrea	Branch Director	
Liason Officer	Herb McElwee / Randy Graham / Warner McGrew / Craig Thomas (t)	Division/Group	A Peter Harris
Law Liason Officer	Greg Nordyke	Division/Group	B Mike Milkovich
Safety Officer	Jeff Saley	Division/Group	T Rob Hazard/ Mike Sweany (t)
Information Officer	Manny Madrigal/ John Alford	Division/Group	U Chris Linane
Human Resources	Gene Rose / Steve Branch (t)	Division/Group	Z Fred Burris /Matt Lipson (t)
6. Agency Representative		Rehab Group Ken Murray, Steve Winter	
Agency	Name	Staging Chris Slate	
Agency Administrator	John Bradford	C. Branch III - Division/Groups	
Cal Fire	Rick Hutchinson/ Steve Spinharney (t)	Branch Director	
Resource Advisor	Jeff Kwasny	Deputy	
CHP	Michael Burno	Division/Group	
FHL	Mark Shippee	Division/Group	
Big Sur Vol	Frank Pinney	Division/Group	
Monterey Sheriff	Kevin Oakley	Division/Group	
USFS Union Rep	Robert Ethridge	Division/Group	
CalTrans	Danny Millsap	Division/Group	
7. Planning Section		d. Air Operations Branch	
Chief	Ann Marx	Air Operations Branch Director	Brad Joos
Deputy	Bill Brickey (t) / Robert Kovach (t)	Air Attack Supervisor	Kent Haskins
Resources Unit	Ken Bates / Mark Cole/Robert Ashby(t)/ Al Yanagisawa	Air Support Supervisor	Jason Nava/ Al Driesbach/ Celine Moomey (t)
Situation Unit	Mike Held / John Germanetti	Helicopter Coordinator	
Documentation Unit	Hal Nulen/ John Lutzow(t)	Air Tanker Coordinator	
Demobilization Unit	Neil Bullock/ Anthony Stornetta(t)	Helicopter Base Manager	Steve Silva / Brian Sexton (t)
GISS	Jason Van Warmerdam	10. Finance Section	
Training Specialist	Doug Dickson	Chief Judy Reynolds	
Computer Specialist	Marty Cohn	Deputy	
Weather	Jim Wallman/ Lisa Kriederman (t)	Time Unit Elaine Hansen	
Fire Behavior	Dan Ardoin/ Rich Gonzales(t)	Procurement Unit	
8. Logistics Section		Compensation/Claims Unit Patty Locke	
Chief	Jamie Copple	Cost Unit Keith Fletcher (t)	
Deputy	Tom Crakes (t)	Equipment Time Shawn Hugan	
Supply Unit	John Brodbeck / Daron Mafi		
Facilities Unit	Kerry Kellogg / Mel Sanchez		
Ground Support Unit	Mike Nelson		
Communications Unit	Rick Smith		
Medical Unit	Jan Purkett / Joe Tieso		
Security Manager	Chuck Jones	Prepared by (Resource UnitLeader) Mark Cole	
Food Unit	Sharon Nordyke/ Kerry Kellogg (t)		

# Fire Weather Forecast

FORECAST NO: 17

NAME OF FIRE: Chalk

PREDICTION FOR: Tuesday SHIFT Day

UNIT: CA-LPF

SHIFT DATE: 10/7/08 0600-1800

SIGNED: 

Lisa Kriederman (T)

Jim Wallmann

Incident Meteorologist

TIME AND DATE

FORECAST ISSUED: 2100 10/6/08

**WEATHER DISCUSSION:** Warmer and dryer weather will continue through Wednesday. Expect temperatures today to be around 5 to 7 degrees warmer and humidity levels about 5-10% lower than yesterday. Winds should be the same except a slight increase in gusts in the afternoon. Thermal belt conditions should form again tonight with RH recoveries only into the 30s to 40s. Thursday will bring stronger northerly winds and slightly cooler temperatures.

## **WEATHER FORECAST:**

**WEATHER:** Clear.

**TEMPERATURES:** MAX 83-90.

**HUMIDITY:** MIN 18-25%.

**EYE LEVEL WINDS:**

**SLOPE (1500-3000 feet) -** Upslope 3-5 mph, local gusts to 10 mph on saddles.

**RIDGETOP (3000 feet and above) -** North 3-6 mph, increasing to 6-9 mph with gusts to 14 mph in the afternoon.

**LAL:** 1

**CWR:** 0%

**MARINE LAYER:** None.

**HAINES INDEX (mid level):** 5

## **36 HOUR OUTLOOK (Temps/RH overnight is for areas above 2000 feet):**

**TUESDAY NIGHT 10/6-7**

**WEDNESDAY 10/7**

**WEATHER:** Clear.

**WEATHER:** Sunny.

**TEMP:** Min: 62-70 RH: Max: 30-45%

**TEMP:** Max: 85-92 RH: Min: 15-20%

**WINDS:** Slope: Downslope to 3 mph  
Ridge: Northeast 3-6 mph, evening gusts to 14 mph

**WINDS:** Slope: Upslope 3-5 mph  
Ridge: Northeast 3-7 gusts 10 mph

**LAL:** 1 **CWR:** 0%

**LAL:** 1 **CWR:** 0%

**MARINE LAYER:** None.

**MARINE LAYER:** None.

**OUTLOOK FOR WEDNESDAY NIGHT:** Clear. Winds northeast on ridges 4-7 mph, downslope to 2 mph elsewhere. Temperature - MIN 62-70. RH Max 30-45%. No marine layer is expected.

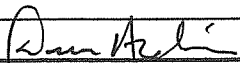
## **OBSERVED WEATHER 10/6/08:**

**LPF Portable1 RAWS (25 NNW - 3813 ft):** Temp: 80. RH: 23%. Winds (20 foot) ESE 1-3 mph.

**Highlands Peak (5 NW Div Z - 2490ft):** Temp: 76. RH: 30%. Winds W 3-7 gusts 11 mph.

**Vandenberg HS (Div A - 3200 ft) -** Temp: 73. RH: 22%. Winds NE 3-6 mph.

# FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 17 10-07-08 Day Shift	TYPE OF FIRE: Wildland Vegetation
FIRE NAME: Chalk	OPERATIONAL PERIOD: Day
DATE ISSUED: 10-06-08	TIME ISSUED: 21:30 hrs
UNIT: CA-LFP	SIGNED: DAN ARDOIN FBAN 

## WEATHER SUMMARY

Warming and drying continues. North ridge winds, gusty in the afternoon; otherwise the slope winds dominate the fire area.

Mid-Level Haines is 5 today.

See attached spot weather forecast.

## FIRE BEHAVIOR

### GENERAL:

Sunday's observed BI: 56 - Today's predicted is 58

Fuels are chaparral, mixed conifers and oak woodlands. Fine fuel moisture reaching a 6% minimum with 10 hr fuels at 10% minimum, 1000 hr fuels at 13% - live 69%. Very high dead to live fuel ratio.

Fine fuels are at or near the point at which they will spread fire. 10 hrs are a little behind but getting there. 100 hour and 1000 hour fuels are not affected by short duration rainfall to a great extent.

Topography is extremely steep terrain at sea level to 3800 ft elevation. Mill Creek drainage generally oriented west to east with a dogleg to the north where fire originated. The main coastal ridge runs northwest to southeast. The Nacimiento River drainage runs to the east on the inland side of the ridge.

No spread yesterday

Probability of Ignition: 76

### SPECIFIC:

Div A: Slope winds will carry fire up to the ridge line where ridge winds will check it. Chaparral ROS 70 to 120 ch/hr with 20 to 25 ft flame lengths.

Div T: Slope winds will carry fire up to ridges. Ridge winds blow across the line. Fuels are mostly hardwood stands along the north aspect below the line with 3 to 4 ft flame lengths and 6 to 12 ch/hr.

Div U: Winds are favorable. Line is mostly burned out.

Div Z: Smoldering pocket of heavy fuels, light fuels drying out. Grasses on the contingency line will produce 4 to 5 ft. flame lengths and 60 to 125 ch/hr ROS.

### AIR OPERATIONS:

Good visibility. Sunrise 07:03 Sunset 18:37

## SAFETY

Know what your fire is doing at all times. Any spread will come from a single point flareup along or near the black. Rollout can be a more significant factor now.

# Division Assignment List

1. Branch

2. Division/Group

**A**

3. Incident Name

CHALK

4. Operational Period

10/07/08 Tuesday Day Shift 0600 - 1800

## 5. Operations Personnel

Operations Chief	MIKE BOONE	Division/Group Supervisor	PETE HARRIS
Operations Chief	STEVEN STOLL (t)	Air Attack Supervisor	KENT HASKINS
Branch Director		Safety Officer	JEFF SALEY

## 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
CRW1 (C-11) ANF BEAR DIVIDE HS	ERNEST M ALARID	19	N	ICP 0600	ICP 1800
CRW1 (C-27) SNF KINGS RIVER HS	ISAAC J NAYLOR	2	N	ICP 0600	ICP 1800
CRW1 (C-12) AFV VANDENBERG IHC	JESSE HENDRICKS	18	N	ICP 0600	ICP 1800
CRW1 (C-35) CNF PALOMAR IHC	STAN HILL	21	N	ICP 0600	ICP 1800
FOBS	RICH LAURITSON	1	N	ICP 0600	ICP 1800
FOBS	ARNOLD BROOKS(T)	1	N	ICP 0600	ICP 1800
FEMT	JEFF LANTELLO	1	N	ICP 0600	ICP 1800
FEMT	CHRIS DEMATEIS	1	N	ICP 0600	ICP 1800
SOF2	STUART K PFISTER	1	N	ICP 0600	ICP 1800

## 7. Control Operations

1. Continue to go direct from the A/Z break to A/B break. Hot spot and mop up. Improve the existing line.

## 8. Special Instructions

1. Report any applications of retardent, foam, or wetting agents within 300' of waterways or other bodies of water to Resource Advisor.
2. Avoid ground disturbance of archaeological resource areas marked with red/white, and blue flagging.
3. For unplanned dozer work, please contact a READ before commencing.

## 9. Division/Group Communications Summary

Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	168.1000N	170.4500N	110.9	King	1	NIFC	CMD 2
Tactical Div/Group	168.0500N	168.0500N	0.0	King	4	NIFC	TAC1
Logistics							
Air to Ground	168.0125N	168.0125N		King	13		

Prepared by (Resource Unit Leader)  
Mark Cole

Approved by (Planning Section Chief)  
Ann Marx/Bill Brickey (t)



Date Prepared  
10/06/08

Time Prepared  
1325

**Division Assignment List**

1. Branch

2. Division/Group

**B**

3. Incident Name  
**CHALK**

4. Operational Period  
**10/07/08 Tuesday Day Shift 0600 - 1800**

**5. Operations Personnel**

Operations Chief	<b>MIKE BOONE</b>	Division/Group Supervisor	<b>MICHAEL A MILKOVICH</b>
Operations Chief	<b>STEVE STOLL (T)</b>	Air Attack Supervisor	<b>KENT HASKINS</b>
		Safety Officer	<b>JEFF SALEY</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
ENG3 S/T (E-91) CNF 6631	T. CAREY/ R. GOMEZ (T)	21	N	ICP 0600	ICP 1800
ENG3 S/T (E-903) SNF 5316 C	ARLANDO LEYVA	21	N	ICP 0600	ICP 1800
WT2 JARDINES E-146	STEVE ST. CLAIRE	1	N	ICP 0600	ICP 1800
SOFR	AUGUSTUS BRYANT	1	N	ICP 0600	ICP 1800

**7. Control Operations**

1. Improve line along Nacimiento-Ferguson from the A/B Division break to the B/T Division break. Mop up 300' in.

**8. Special Instructions**

- 1. Report any applications of retardent, foam, or wetting agents within 300' of waterways or other bodies of water to Resource Advisor.
- 2. Avoid ground disturbance of archaeological resource areas marked with red/white, and blue flagging.  
\* READ'S are working in both divisions B and C.
- 3. For unplanned dozer work, please contact a READ before commencing.

**9. Division/Group Communications Summary**

Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	168.1000N	170.4500N	110.9	KING	1	NIFC	CMD 2
Tactical Div/Group	168.2000N	168.2000N	0.0	KING	5	NIFC	TAC 2
Logistics							
Air to Ground	168.0125N	168.0125N	0.0	KING	13		

Prepared by (Resource Unit Leader)  
**Mark Cole**

Approved by (Planning Section Chief)  
**Ann Marx/Bill Brickey (t)**

Date Prepared  
**10/06/08**

Time Prepared  
**1325**



# Division Assignment List

1. Branch

2. Division/Group

**TPG 1**

3. Incident Name

CHALK

4. Operational Period

10/07/08 Tuesday Day Shift 0600 - 1800

5.

### Operations Personnel

Operations Chief	MIKE BOONE	Division/Group Supervisor	R. HAZARD/M. SWEANY (T)
Operations Chief	STEVE STOLL (T)	Air Attack Supervisor	KENT HASKINS
		Safety Officer	JEFF SALEY

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
CRW1 ENF EL DORADO HS	MIKE BECKETT	21	N	ICP 0600	ICP 1800
CRW1 LPF LOS PADRES HS	STAN STEWART	23	N	ICP 0600	ICP 1800
CRW1 LPF ARROYO GRANDE HS	MICHAEL HICKEY	24	N	ICP 0600	ICP 1800
CRW1 (C-15) SQF FULTON IHC	RON C BOLLIER	18	N	ICP 0600	ICP 1800
CRW1 (C-51) SNF CRANE VALLEY	CHUCK BERNER	20	N	ICP 0600	ICP 1800
ENG3 S/T LPF MONTEREY	FRANK ZABROWSKI	21	N	ICP 0600	ICP 1800
ENG3 S/T (E18) 1658 C	ANTHONY ZAVALLA	26	N	ICP 0600	ICP 1800
T/F FT HUNTER LIGGETT W/	K. DAUGHERTY	12	N	ICP 0600	ICP 1800
***E-8833, E-8832, AND PATROL					
ENG4 S/T (E-107) KRN 5200D	BRENT MOON / J. TRAMMELL (T)	17	N	ICP 0600	ICP 1800
TERRA TORCH (E-172) VNC	JOHN SPYKERMAN	5	N	ICP 0600	ICP 1800
WT3 (E-3) LPF 3	M. KENDRICK	2	N	ICP 0600	ICP 1800
WT2 PVT JARDINE'S E-147	MIKE JARDINE	1	N	ICP 0600	ICP 1800
DOZR2 FHL 8892	RON ROSA	1	N	ICP 0600	ICP 1800
DOZR2 FHL 8893	LESTER PATTERSON	1	N	ICP 0600	ICP 1800
DOZR2 FHL 8894	JEFF PLASKET	1	N	ICP 0600	ICP 1800
DOZB	RICHARD SAUER	1	N	ICP 0600	ICP 1800
DOZB	DON DEVRIENDT (T)	1	N	ICP 0600	ICP 1800
FEMT	KEVIN GREENWAY	1	N	ICP 0600	ICP 1800
FEMT	DAVE C BENSON	1	N	ICP 0600	ICP 1800

### 7. Control Operations

1. Continue direct line construction. Cold trail and hot spot.
2. Heli rappellers will be inserted to work hot spots.


### 8. Special Instructions

1. Report any applications of retardent, foam, or wetting agents within 300' of waterways or other bodies of water to Resource Advisor.
2. Avoid ground disturbance of archaeological resource areas marked with red/white, and blue flagging.  
\* READ'S are working in both divisions T and U.
3. For unplanned dozer work, please contact a READ before commencing.

9.

### Division/Group Communications Summary

Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	168.1000N	170.4500N	110.9	KING	1	NIFC	CMD 2
Tactical Div/Group	168.6000N	168.6000N	0.0	King	6	NIFC	TAC 3
Logistics							
Air to Ground	168.0125N	168.0125N	0.0	KING	13		

Prepared by (Resource Unit Leader) Mark Cole	Approved by (Planning Section Chief) Ann Marx/Bill Brickey (t) 	Date Prepared 10/06/08	Time Prepared 1325
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<b>Division Assignment List</b>	1. Branch	2. Division/Group <b>U</b>
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3. Incident Name <b>CHALK</b>	4. Operational Period <b>10/07/08 Tuesday Day Shift 0600 - 1800</b>
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5. Operations Personnel			
Operations Chief	MIKE BOONE	Division/Group Supervisor	CHRIS LINANE
Operations Chief	STEVE STOLL (T)	Air Attack Supervisor	KENT HASKINS
Branch Director		Safety Officer	JEFF SALEY

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	
ENG3 S/T SQF 5650 C	S. GRIFFITHS/D. BUSH (T)	22	N	ICP 0600	ICP 1800	
ENG3 S/T (E-52) ANF 1610 C	ROD GUILLORY	27	N	ICP 0600	ICP 1800	
ENG3 S/T(E-90) CCD 6706 C	ERIC DOWNWARD	21	N	ICP 0600	ICP 1800	
ENGINE S/T - T3 - 4601C	JASON WITHROW	26	N	ICP 0600	ICP 1800	
ENG3 S/T (E-94) TNF 4660 C	B. ROSENOW/ B. EBBERT (t)	27	N	ICP 0600	ICP 1800	
WT2 (E-170) BIG SUR E-7840	TBA	2	N	ICP 0600	ICP 1800	
WT2 (E-11) FHL 8841	TBA	1	N	ICP 0600	ICP 1800	
FEMT	THORSTEN MOLLMANN	1	N	ICP 0600	ICP 1800	
FEMT	SHAWN HUGHES	1	N	ICP 0600	ICP 1800	
SOFR	CLIFF PEAY	1	N	ICP 0600	ICP 1800	
*READ	RICHARD GARCIA	1	N	ICP 0600	ICP 1800	
*READ	ANTHONY RODRIGUEZ	1	N	ICP 0600	ICP 1800	
*READ	KRISTIEN LALUMIERE	1	N	ICP 0600	ICP 1800	
*READ	JESSE KRAUTKRAMER	1	N	ICP 0600	ICP 1800	

7. Control Operations  
 1.Continue to improve line and mop up 300' in.

8. Special Instructions  
 1. Report any applications of retardent, foam, or wetting agents within 300' of waterways or other bodies of water to Resource Advisor.  
 2. Avoid ground disturbance of archaeological resource areas marked with red/ white, and blue flagging.  
 3. For unplanned dozer work, please contact a READ before commencing.  
 \* READ'S are working in both divisions T and U.

9. Division/Group Communications Summary							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	168.1000N	170.4500N	110.9	King	1	NIFC	CMD 2
Tactical Div/Group	164.1375N	164.1375N	0.0	King	7	NIFC	TAC 4
Logistics							
Air to Ground	168.0125N	168.0125N	0.0	King	13		

Prepared by (Resource Unit Leader) Al Yanagisawa	Approved by (Planning Section Chief) Ann Marx/Bill Brickey (t)	Date Prepared 10/06/08	Time Prepared 1325
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# Division Assignment List

1. Branch

2. Division/Group

**Z**

3. Incident Name

CHALK

4. Operational Period

10/07/08 Tuesday Day Shift 0600 - 1800

5.

### Operations Personnel

Operations Chief	MIKE BOONE	Division/Group Supervisor	FRED BURRIS/MATT LIPSON (T)
Operations Chief	STEVE STOLL (T)	Air Attack Supervisor	KENT HASKINS
Branch Director		Safety Officer	JEFF SALEY

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
CRW1 SRF UKONOM IHC	JOHN CATALDO	18	N	ICP 0600	ICP 1800
CRW1 SQF SPRINGVILLE HS	JOAQUIN MEDINA	21	N	ICP 0600	ICP 1800
CRW1 CNF LAGUNA HS	JIM HUSTON	20	N	ICP 0600	ICP 1800
CRW1 ANF DALTON HS	STEVE ROBLES	22	N	ICP 0600	ICP 1800
CRW1 SNF SIERRA HS	KENNETH JORDAN	19	N	ICP 0600	ICP 1800
CRW1 BDF BIG BEAR IHC	JIMMY AVILA	20	N	ICP 0600	ICP 1800
CRW2 HELITAC	SHAWN WALTERS	25	N	ICP 0600	ICP 1800
CRW1 (C-17) CNF EL CARISO IHC	BERTEK, JAY B	21	N	ICP 0600	ICP 1800
CRW1 (C-36) SQF HORSESHOE IHC	GONZALES, JOSE	21	N	ICP 0600	ICP 1800
CRW1 (C-18) BDF DEL ROSA IHC	TOMASELLI, JAMES R	17	N	ICP 0600	ICP 1800
CRW1 (C-53) MDF MODOC IHC	TERRY WARLICK	18	N	ICP 0600	ICP 1800
CRW1 (C-50) STF STANISLAUS	SHAWN BAKER	20	N	ICP 0600	ICP 1800
FOBS	DEAN MILAN	1	N	ICP 0600	ICP 1800
FOBS	BILL TAFF	1	N	ICP 0600	ICP 1800
FEMT	KELLY BAKER	1	N	ICP 0600	ICP 1800
FEMT	MANNY GONZALEZ	1	N	ICP 0600	ICP 1800
SOF2	ANDY DIMIZIO	1	N	ICP 0600	ICP 1800
SOF2	FRANK CHACOAN	1	N	ICP 0600	ICP 1800

### 7. Control Operations

1. Construct indirect hand line from Hwy 1 to Twin Peak.
2. Continue attempts to go direct in Hare Canyon.

### 8. Special Instructions


1. Report any applications of retardant, foam, or wetting agents within 300' of waterways or other bodies of water to Resource Advisor.
2. Avoid ground disturbance of archaeological resource areas marked with red/white and blue flagging.
3. When cutting fire lines along hiking trails in the wilderness, please cut stumps flush with ground and scatter limbs. Where possible, place scattered limbs on side to be burned.
4. For unplanned dozer work, please contact a READ before commencing.

9.

### Division/Group Communications Summary

Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	168.1000N	170.4500N	110.9	KING	1	NIFC	CMD 2
Tactical Div/Group	166.7250N	166.7250N	0.0	King	8	NIFC	TAC 5
Logistics							
Air to Ground	168.0125	168.0125		KING	13		

Prepared by (Resource Unit Leader)  
A. Yanagisawa

Approved by (Planning Section Chief)  
Ann Marx/Bill Brickey (t) 

Date Prepared  
10/06/08

Time Prepared  
1325

<b>Division Assignment List</b>	1. Branch	2. Division/Group <b>REHAB GROUP PG 1</b>
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3. Incident Name <b>CHALK</b>	4. Operational Period <b>10/07/08 Tuesday Day Shift 0600 - 1800</b>
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5. Operations Personnel			
Operations Chief	MIKE BOONE	Division/Group	KEN MURRAY; STEVEN WINTER
Operations Chief	STEVE STOLL (T)	Air Attack Supervisor	KENT HASKINS
Branch Director		Safety Officer	JEFF SALEY

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
CRW1 (C52) SQF BRECKENRIDGE HS	ADAM SANDERS	20	N	ICP 0600	ICP 1800
CRW2IA (C-54) SQF RINCON HS	JAMES ROBERTSON	18	N	ICP 0600	ICP 1800
DOZR1 VNC-4 E-55	SCOTT PRICE	2	N	ICP 0600	ICP 1800
DOZR2 ANF 3 E-185	RYAN WINCHESTER	2	N	ICP 0600	ICP 1800
DOZR (E-20) CACHAGUA 7755	COASTER, TIM	1	N	ICP 0600	ICP 1800
DOZR (E-21) CACHAGUA 7756	TERRY BISHOP	1	N	ICP 0600	ICP 1800
WT2 PVT D&L E-9	DOUGLAS BROSSARD	2	N	ICP 0600	ICP 1800
WT 2 KRITZ E-150	BRIAN DAVIS	1	N	ICP 0600	ICP 1800
GRADER	LINSEY	1	N	ICP 0600	ICP 1800
DOZB	SHANE MINOR	1	N	ICP 0600	ICP 1800
DOZB	ALEX IHLE (T)	1	N	ICP 0600	ICP 1800
DOZB	ANTHONY BURROWS	1	N	ICP 0600	ICP 1800
DOZB	RAMON GOMEZ (T)	1	N	ICP 0600	ICP 1800
DOZB	DARREN L BEATY	1	N	ICP 0600	ICP 1800
THSP	KENNETH ELLYSON	1	N	ICP 0600	ICP 1800
FEMT	SHAWN ALLOIS	1	N	ICP 0600	ICP 1800
FEMT	DESI D RODRIGUEZ	1	N	ICP 0600	ICP 1800
FEMT	SCOTT MCMANN	1	N	ICP 0600	ICP 1800
EMTB	MARTIN SILVA	1	N	ICP 0600	ICP 1800
SOF2	FRANK MCGRATH	1	N	ICP 0600	ICP 1800

7. Control Operations	1. Implement Fire Suppression Rehab Plan.
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8. Special Instructions	1. Report any applications of retardent, foam, or wetting agents within 300' of waterways or other bodies of water to Resource Advisor. 2. For unplanned dozer work, please contact a READ before commencing. 3. Avoid ground disturbance of archaeological resource areas marked with red/white, and blue flagging.
-------------------------	--

9. Division/Group Communications Summary							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	168.1000N	170.4500N	110.9	King	1	NIFC	CMD 2
Tactical	168.2500N	168.2500N	0.0	King	10	NIFC	TAC 7
Logistics							
Air to Ground	168.0125N	168.0125N		King	13		

Prepared by (Resource Unit Leader) Mark Cole	Approved by (Planning Section Chief) Ann Marx/Bill Brickey (t)	Date Prepared 10/06/08	Time Prepared 1325
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(Expanded Form for Large Operations)

<b>1. INCIDENT NAME:</b> Chalk	<b>2. PREPARED BY:</b> Brad Joos	<b>PREPARED DATE/TIME:</b> 10/6/08 2200	3.
<p><b>4. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.):</b>                  Report in <u>Fort Hunter Liggett</u> on 126.200 to Tusi advisory (Range Control)</p> <p>SUNRISE: 0705 SUNSET : 1839</p> <p>Special flight down V-27 along western edge of TFR over Lucia, Ca along coast at 7,000' on 10-7-08 between 0830 – 0930. Air Attack will control incident aircraft so as to avoid all conflicts. Oakland Center will notify AOBDD prior to entrance and after exit of aircraft into Chalk TFR.</p> <p>Centerpoint: Lat: 35° 59' 28" Long: 121° 25' 47"</p> <p>5. TFR: Radius: 7NM Altitude: 9000' MSL</p>			

Be alert for powerlines that are present on the FHL Base near Tusi and crossing throughout the field of operations and near some ponds.

Tusi Helibase: Lat 35 59.618 Long 121 14.134 Tusi FAX # 831-385-3510

Condois may frequent the fires edge.

(IAP & maps posted on [ftp.nifc.gov](http://ftp.nifc.gov))

Crash Rescue rig, toilets and water tenders at Tusi and Torch Bases, Roll-off dumpster at Tusi, Ops Trailer at Tusi, Fuel Tender at Torch Base

6. PERSONNEL		7. REQUENCIES		8. FIXED-WING # Avail / Type/ Make-Model / FAA N# / Base(s)	
AOBD:	Phone	AIR/AIR FW:	AM	Air Tactical	AA-07
Deputy AOBDD:	805 886-6970	AIR/AIR RW:	118.950	Leadplanes	AA- 15
ATGS: Ken Haskins	661-330-5048	AIR/GROUND:	130.200	Airtankers	
ATGS: Pat Smilely		DECK:	163.100		
HLCO:	805-479-1837	COMMAND	168.0125		
ASGS: Al Driesbach & Jason Nava	661-805-4750	RPT			
Tusi HEBM: Shawn Walters	559-359-2478	Air Guard			
Trainee HEBM: Brian Sexton	805-350-3717	Torch/PSD Ops			
Paso ATB Fed. Rep.:		In Place			
HEBM Torch Base: Dustin Mullier		In Place			
					Other : Medivacs (SBC H-309,CHP H-70 or CalStar )

9. HELICOPTERS (Use Additional Sheets As Necessary)

FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS	FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS
9121Z	2	B-212HP	Tusi	0700	0730	Ocean & Fresh H2O							
H-522	2	B-205	Tusi	0700	0730	Ocean & Fresh H2O							
H-517	2	B-210	Tusi	0700	0730	Fresh H2O							
H-531	2	B-205	Tusi	0700	0730	Ocean & Fresh H2O	75D	1	VERTOL	Tusi	0700	0730	Ocean&FreshH2O
H-525	3	A-Star	Tusi	0700	0730	PSD/Ocean& Fresh							
H-510	2	B-212	Tusi	0700	0730	Torch/ Ocean&Fresh	202WM	1	K-Max	Tusi	0700	0730	Ocean&FreshH2O
22EA	3	206 B3	Tusi	0700	0730	IR Mapping	9RH	1	K-Max	Tusi	0700	0730	Ocean&FreshH2O

10. TASK/MISSION/ASSIGNMENT (Use ICS-220a if additional space needed; Type/Function includes: Air Tactical, Retardant, Recon, Personnel Transport, Water Dropping, etc.)

TYPE/FUNCTION	NAME OF PERSONNEL OR CARGO (if applicable) OR INSTRUCTIONS FOR TACTICAL AIRCRAFT	MISSION START	FLY FROM	FLY TO
Air Tactical	Direct A/C operations, coordinate with Ops.			
Bucket support	HELICOPTERS. SUPPORT CREWS ON THE LINE. (All dip sites need to have a dip site mgr. present during ops) WHEN DIPPING OUT OF OCEAN, GO BEYOND KELP BEDS DUE TO OTTERS.	As requested		All Divs
Cargo	(Drinking water, have available for crews on line. Slings loads.) *****Avoid making cargo loads in Starthistle that is located at Tusi Helibase.***			
Medevac	Go through IC (See Medical Plan for specifics)			
Recon/IR ship	IC & OSC as requested, FBAN, Situation UL	**		
Helispot Construction	All helispots in wilderness, need to be approved in conjunction with Res. Advisor and Air Ops. Once helispot established/approved/numbered, notify Air Ops with Lat Long .	**		
Helitack	When on fireline, be sure to follow LCES, 10s and 18s. Use Lookouts and Trigger Points. Rappel mission in Div "T" to construct a helispot.	am		
Troop Shuttles	No planned troop shuttles (be prepared for any last minute changes from Ops)	**		
Communications	Be prepared to assist in location, installation and servicing of repeaters and other radio equipment	**		

11. Helispot, Dip Site Portable Retardant Base and Sling Spot Information-

HELIPOT SPOTS #	DIP SITES	SLING SPOT #	DIVISION	LATITUDE	LONGITUDE	REMARKS
#1				36° 01.763	121° 24.786	FHL Div A
#2				36° 01.465	121° 23.894	FHL Div A
#3				36° 02.642	121° 30.695	Wilderness Div Z
#4				36° 01.853	121° 30.983	Wilderness Div Z
#5				36° 02.424	121° 27.052	Wilderness Div A
#6				36° 02.183	121° 26.583	Wilderness Div A
#7				35° 59.325	121° 25.155	Wilderness Div T
Torch B	Coleman			36° 04.956	121° 17.025	Avoid flying over camp
				35° 57.851	121° 17.89	
	Merle Ranch			36° 04.17	121° 23.30	Use only as backup to Coleman

Incident: Chalk Fire

Date: October 7, 2008 Day Shift

# Safety Message

## Major Hazards and Risks:

Excessive travel times, Narrow roads , large vehicles – Keep speeds down, FOCUS

Poison Oak – Med Unit has Poison Oak treatment available

Snags and rolling material on fireline, roads – Dedicate resources to mitigate safely, communicate

Extremely steep terrain – Situational awareness, watch your footing

Use the one way travel plan

## Narrative:

Traffic plan for exiting and entering Base camp during shift change. Exit camp via back road to Mission road. Continue to Nacimiento/Fergusson road, turn right and out to the fireline. Return via Nacimiento/Fergusson road, left on Vasquez, left on Del Venturi road to Base camp.

35 mph-max speed limit for the incident. Security traffic facilitator will be assisting traffic flow at Nacimiento/Fergusson and Vasquez intersection.

Roads and excessive speeds continue to pose significant risks to our fire fighters. Please keep your speeds down and exercise extreme caution when navigating Nacimiento Fergusson road, Vasquez and Del Venturi.

Trees have been weakened by sudden oak death, frost and bug kill. Snags are falling at an alarming rate. SITUATIONAL AWARENESS.

Be especially careful with your footing in the steep rugged terrain. One fall could be your last. Burned out roots around stump holes create danger zones.

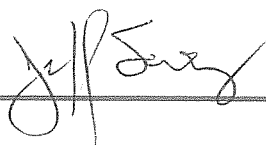
Lookouts

Communications

Escape Routes

Safety Zones

Prepared by Safety Officer: Jeff Saley



# LCES Analysis of Tactical Actions

Incident: Chalk

Date: 10/07/08

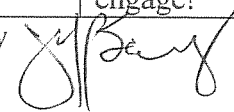
Shift: Day

## LOCATION

Tactical Hazards	Div A	Div B	Div T	Div U	Div Z	Rehab			LCES MITIGATIONS
Indirect Fireline			X		X	X			LCES
Downhill Fireline	X	X	X		X				Small sections. DH mitigations
Underslung Fireline	X	X	X		X				LCES. Trench.
Mid-slope Fireline	X		X		X				Small segments. Scout. LCES
Anchor Points			X		X				Reestablish to new footprint
Extreme Weather									
Unburned Areas	X	X	X	X	X	X			Predominant throughout. LCES
Extremely Steep Terrain	X	X	X	X	X				Scout in daylight. Spacing.
Snags (Sudden Oak Death)	X	X	X	X	X	X			Look up, down, around. Scout.
1+Hour Transportation	X	X	X	X	X	X			Speed down. Focus on driving
Poor Communications									Assure current clone. Clear, <b>concise</b> directions to air.
Roads/Traffic Problems/ Very Steep	X	X	X	X	X	X			Traffic Plan. Drive slow w/ headlights.
Heavy Equipment			X			X			Yield right of way. Comm. w/ dozer boss
Medical Evac. Times	X	X	X	X	X	X			Hoist still needed
Air Operations Multi-Aircraft									Concise directions to air
Poison Oak	X	X	X	X	X	X			Swap or clean PPE whenever possible
Problem Safety Zones			X		X				Identify adequate zones before engaging or don't engage!

ICS-215A

Safety Officer: Jeff Saley



INCIDENT RADIO COMMUNICATIONS PLAN		Incident Name		CHALK		Date/Time Prepared	Operational Period Date/Time				
						10/06/08 2000hrs.	10/07/08 0600-1800hrs.				
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		ALL DIVISIONS	168.1000	N	0.0	170.4500	N	110.9	A	NIFC CMD 2 LINKED TO CMD 6 AND CMD 9
2				170.0125	N	0.0	165.2500	N	110.9	A	NIFC CMD 9 LINKED TO CMD 2 AND CMD 6
3				168.4750	N	0.0	173.81250	N	110.9	A	NIFC CMD 6 LINKED TO CMD 2 AND CMD 9
4	TACTICAL		DIVISION A	168.0500	N	0.0	168.0500	N	0.0	A	NIFC TAC 1
5	TACTICAL		DIVISION B	168.2000	N	0.0	168.2000	N	0.0	A	NIFC TAC 2
6	TACTICAL		DIVISION T	168.6000	N	0.0	168.6000	N	0.0	A	NIFC TAC 3
7	TACTICAL		DIVISION U	164.1375	N	0.0	164.1375	N	0.0	A	NIFC TAC 4
8	TACTICAL		DIVISION Z	166.7250	N	0.0	166.7250	N	0.0	A	NIFC TAC 5
9	TACTICAL		UNASSIGNED	166.7750	N	0.0	166.7750	N	0.0	A	NIFC TAC 6
10	TACTICAL		REHAB GRP	168.2500	N	0.0	168.2500	N	0.0	A	NIFC TAC 7
11	TACTICAL		UNASSIGNED	173.9125	N	0.0	173.9125	N	0.0	A	R5 TAC 4
12	BACKUP COMMAND		ALL DIVISIONS	170.5500	N	0.0	169.9000	N	103.5	A	LPFN CONE PK. TONE 8
13	AIR/GROUND		ALL DIVISIONS	168.0125	N	0.0	168.0125	N	0.0	A	
14/16	AIR GUARD		ALL DIVISIONS	168.6250	N	0.0	168.6250	N	110.9	A	<b>AIR EMERGENCIES ONLY</b>

5. Prepared by (Communications Unit)  
Rick Smith COML



Incident Location  
County  
W

State  
Latitude  
Longitude

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)



<b>MEDICAL PLAN</b> 206	1. INCIDENT NAME	2. DATE PREPARED	3. TIME PREPARED	4. OPERATIONAL PERIOD DATE / TIME						
	Chalk	10/6/08	1900	10/7/08		0600-1800				
5. INCIDENT MEDICAL AID STATIONS										
MEDICAL AID STATIONS			LOCATION			PARAMEDICS				
						YES	NO			
Medical Unit			Base Camp			<input checked="" type="checkbox"/>				
FEMT			As Assigned per Division				<input checked="" type="checkbox"/>			
Drop Point 2 – Squad 1			Drop Point 2			<input checked="" type="checkbox"/>				
6. AMBULANCE SERVICES										
NAME		ADDRESS		PHONE		PARAMEDICS				
						YES	NO			
SLO Fire Ambulance- Squad 1		DP 2				<input checked="" type="checkbox"/>				
Life Line Ambulance M-502		ICP – Medical Unit		805-746-3473		<input checked="" type="checkbox"/>				
Cal Star Helicopter/No hoist		Santa Maria/Salinas/Gilroy		831-769-8899 CDF Dispatch		<input checked="" type="checkbox"/>				
CHP Helicopter H-70 Hoist (unavailable after 23:30)		Paso Robles		831-769-8899 CDF Dispatch		<input checked="" type="checkbox"/>				
SBC Helicopter 308 Hoist/Night Vision/Paramedic (available from SBC Helibase for single mission requests)		Santa Ynez Airport		805-692-5723 SBC Dispatch		<input checked="" type="checkbox"/>				
7. HOSPITALS										
NAME	ADDRESS		TRAVEL TIME		PHONE		HELIPAD		BURN CENTER	
			AIR	GROUND			YES	NO	YES	NO
Mee Memorial Lat: 36°12'30" Long: 121°07'50"	300 Canal St. King City, CA		8 min	35 min	831-385-7220		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
Twin Cities Lat: 35°-33'-20" Long: 121°-07'-50"	1100 Las Tablas Templeton, CA		16 min	1 hr.-15 min.	805-434-4553		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
Valley Medical Lat: 37°18'51" Long: 121°56'03"	751 S. Bascom Ave. San Jose, CA		40 min	N/A	408-885-6912		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
8. MEDICAL EMERGENCY PROCEDURES										

**LINE EMERGENCY:**

Crew Supervisor to contact Division Supervisor with patient complaint/condition and location.

- Division Supervisor contacts:
  1. Line EMT
  2. Communications Unit
- Communications Unit contacts:
  1. Medical Unit
  2. Operations
  3. Safety
- *Division Supervisor will run medical emergency on command channel*
- Communication Unit will clear command channel for emergency traffic
- Medical Unit will:
  1. Dispatch ground ambulance to nearest drop-point for ground transport only.
  2. Or after patient pickup, dispatch ambulance to Heli-base for Medical AIR EVAC Flight if needed
  3. Notify receiving hospital of injury status.

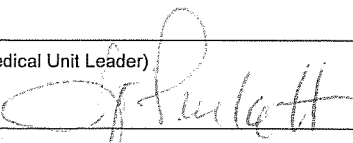
**CAMP EMERGENCY:**

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

- Medical Unit contacts Communications, Safety and Operations

Prepared by (Medical Unit Leader)

Jan Purkett



10. Reviewed by (Safety Officer)

Jeff Saley

## FINANCE MESSAGE OF THE DAY

**The shift tickets below are examples of how Government Officers should fill them out. Please make sure that the Government Officer Signature block has a printed name and readable signature.**

EMERGENCY EQUIPMENT SHIFT TICKET					
NOTE: The responsible Government Officer will update this form each day or shift and make initial and final equipment inspections.					
1. AGREEMENT NUMBER 55-91S8-2-1234			2. CONTRACTOR (name) Acme Trucking		
3. INCIDENT OR PROJECT NAME Silver Creek		4. INCIDENT NUMBER CA-KNF-123		5. OPERATOR (name) Ray Ban	
6. EQUIPMENT MAKE Freightliner		7. EQUIPMENT MODEL F4699 - Transport		8. OPERATOR FURNISHED BY <input checked="" type="checkbox"/> CONTRACTOR <input type="checkbox"/> GOVERNMENT	
9. SERIAL NUMBER CA413BD0865356		10. LICENSE NUMBER A99998B		11. OPERATING SUPPLIES FURNISHED BY <input checked="" type="checkbox"/> CONTRACTOR (wet) <input type="checkbox"/> GOVERNMENT (dry)	
12. DATE MODAYYR		13. EQUIPMENT USE HOURS/DAYS/MILES (circle one)		14. REMARKS (released, down time and cause, problems, etc.)	
	START	STOP	WORK	SPECIAL	Assigned to Division A.  <i>Transports are released unless directed to stay in writing. One acceptable way to capture this is on the IAP or a General Message ICS 213 in file.</i>
10/5/08	0630	2000	I		
15. EQUIPMENT STATUS <input checked="" type="checkbox"/> a. Inspected and under agreement <input type="checkbox"/> b. Released by Government <input type="checkbox"/> c. Withdrawn by Contractor					
16. INVOICE POSTED BY (Recorder's Initials)					
17. CONTRACTOR'S OR AUTHORIZED AGENT'S SIGNATURE  <i>Ray Ban</i>			18. GOVERNMENT OFFICER'S SIGNATURE  <i>John Doe, Equip. Manager (Print Name below signature)</i>		19. DATE SIGNED  10/5/08

EMERGENCY EQUIPMENT SHIFT TICKET					
NOTE: The responsible Government Officer will update this form each day or shift and make initial and final equipment inspections.					
1. AGREEMENT NUMBER 55-91S8-2-1234			2. CONTRACTOR (name) Smokey Bear Logging		
3. INCIDENT OR PROJECT NAME Silver Creek		4. INCIDENT NUMBER CA-KNF-123		5. OPERATOR (name) Smokey T. Bear	
6. EQUIPMENT MAKE Cat. Dozer		7. EQUIPMENT MODEL D5H		8. OPERATOR FURNISHED BY <input checked="" type="checkbox"/> CONTRACTOR <input type="checkbox"/> GOVERNMENT	
9. SERIAL NUMBER D5H45897		10. LICENSE NUMBER N/A		11. OPERATING SUPPLIES FURNISHED BY <input checked="" type="checkbox"/> CONTRACTOR (wet) <input type="checkbox"/> GOVERNMENT (dry)	
12. DATE MODAYYR		13. EQUIPMENT USE HOURS/DAYS/MILES (circle one)		14. REMARKS (released, down time and cause, problems, etc.)	
	START	STOP	WORK	SPECIAL	Dozer was broken down from 1300 to 1430. <i>Dozers are paid daily rates. We prefer actual hours worked on shift ticket.</i>
10/5/08	0630	1830			
15. EQUIPMENT STATUS <input checked="" type="checkbox"/> a. Inspected and under agreement <input type="checkbox"/> b. Released by Government <input type="checkbox"/> c. Withdrawn by Contractor					
16. INVOICE POSTED BY (Recorder's Initials)					
17. CONTRACTOR'S OR AUTHORIZED AGENT'S SIGNATURE  <i>Smokey T. Bear</i>			18. GOVERNMENT OFFICER'S SIGNATURE  <i>John Doe, Div. Sup. (Print Name below signature)</i>		19. DATE SIGNED  10/5/08

If equipment paid on a daily rate breaks down, an hourly rate will be determined by dividing that daily rate by the shift length. The hourly rate will be paid for those hours of actual work time.



## CHALK FIRE SUPPRESSION REHABILITATION/REPAIR

### REHABILITATION OBJECTIVES

1. Minimize surface and gully erosion
2. Expedite regrowth of vegetative cover
3. Minimize visual impacts

#### General:

- Pick up and remove all garbage.
- Report any damages or needs to the ICP, Resource Advisor.
- Repair fences damaged resulting from fire suppression activities, identify locations to Plans Section.

#### Trail Rehabilitation

- Remove cut vegetation, rocks, trees, and soil from trail.
- Where trees or shrubs were felled, cut stumps flush with ground and scatter limbs.
- Re-establish minimum 24" tread and repair cross drains where segments of trail have been affected by suppression activities.
- To keep hikers off firelines, use native materials to construct barriers across fireline where it intersects with recreation trails.
- Knock down berms where created and pull back over trail.

#### Helispots, Drop Points

- Replace native material (soil & duff)
- Pull back brush, berms, rocks, and spread over width of helispot/drop point.
- Pick up and remove all flagging, garbage, litter, and equipment

#### Hand Lines

- Move displaced native material (soil & duff) back onto line.
- Fill in troughs.
- Pull back brush and berms and spread over the width of break. (On sites with high potential for erosion, you may need to cut additional brush from adjacent non-impacted areas – flush cut with ground)
- Leave tops of felled trees attached, this will appear more natural.
- Cut waterbreaks diagonal to fire line, where natural drains occur and construct as natural as possible. If possible, at natural drain direct outlet of water into a clump of brush or rocks.

#### Dozer Lines, Safety Zones

- Use small dozer (e.g., D5) and/or excavator to rehab line.
- When line cuts through chaparral: pull back brush, berms and rocks, and spread over width of break.
- When line cuts through grassland: pull back berms and rocks, and spread over width of break.
- Back blade berms perpendicular to fire line on moderate grades (0-10%).
- Install water bars on all dozer lines over 10% slope (as per attached table) or as marked/indicated by Suppression Rehab Team member.
- Assure no water bars channel water into unstable terrain (landslides) below.
- Where grade is too steep or line too narrow for effective dozer work, water bars will be hand constructed.

## CHALK FIRE SUPPRESSION REHABILITATION/REPAIR

So remember, when locating and building water bars, place them the right **distance** apart, at a **diagonal** to the fireline, so that they **divert**, then **discharge**, then **dissipate** the energy of the flowing water. Be sure to make them durable.

Fireline slope %	Maximum Distance Apart (feet)
1-6.....	300
7-9.....	200
10-14.....	150
15-20.....	90
21-40.....	50
41-60.....	25

*Recommended spacing for waterbars on firelines. Waterbars should be no further apart than this, but they may be closer. When in doubt, put in more. From: UDSA-Forest Service, "Sale Administrator's Handbook"*

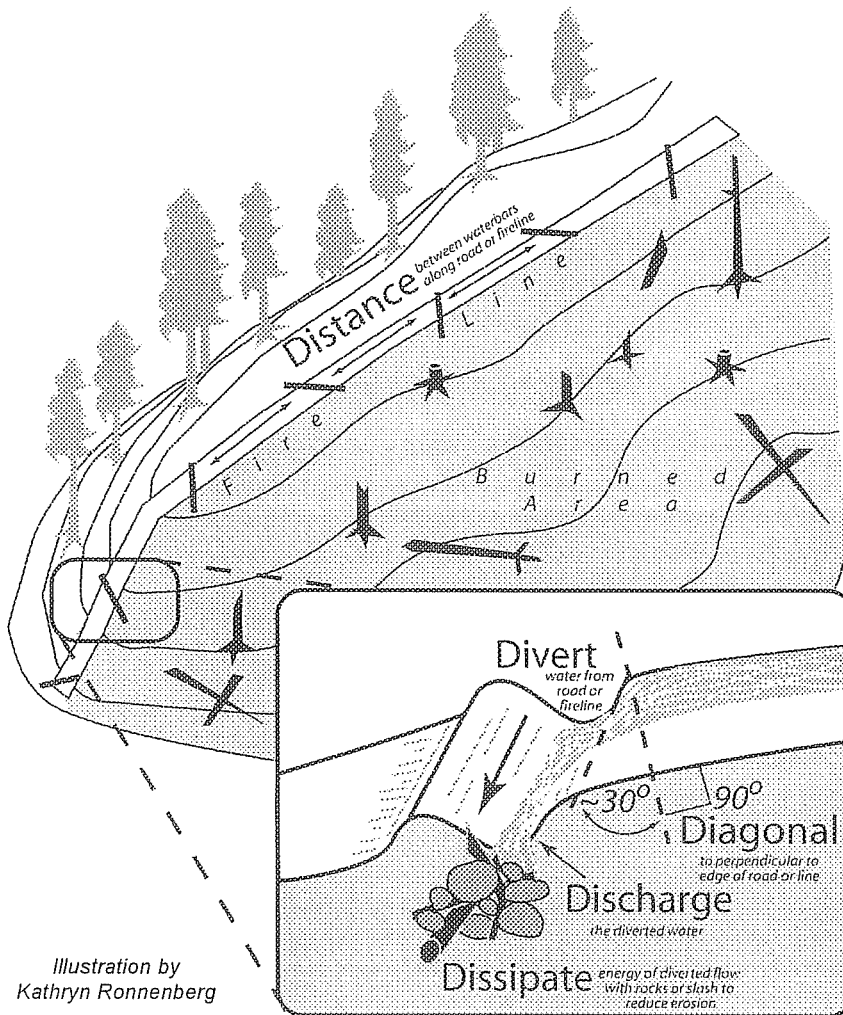


Illustration by  
Kathryn Ronnenberg

# Wilderness Minimum Impact Fire Suppression Guidelines

## MIST

### Minimum Impact Suppression Guidelines for Forest Service Wilderness Areas

#### Fuel Management

##### Hot-line/Ground Fuels

- Allow fire to burn to natural barriers.
- Use cold-trail, wet line or combination when appropriate.
- If constructed fire line is necessary, use only width and depth to check fire spread.
- Constantly re-check cold trailed fire line.

##### Hot-line/Aerial Fuels

- Limb vegetation adjacent to fire line only as needed to prevent additional fire spread.
- During fire line construction, cut shrubs or small trees only when necessary. Make all cuts flush with the ground.
- Minimize felling of trees and snags unless they threaten the fire line or seriously endanger workers. In lieu of felling, identify hazard trees with a lookout or flagging.
- Scrape around tree bases near fire line if it is likely they will ignite.

##### Mop up/Ground Fuels

- Do minimal spading; restrict spading to hot areas near fire line.
- Cold-trail charred logs near fire line; do minimal tool scarring.
- Minimize bucking of logs near fire line or to check for hot spots; roll the logs instead if possible.
- Return logs to original position after checking and when ground is cool.
- Refrain from making bone yards; burned and partially burned fuels that were moved should be returned to a natural arrangement.
- Consider allowing large logs to burnout. Use a lever rather than bucking to manage large logs which must be extinguished.
- Use gravity socks in stream sources and/or a combination of water blivits and fold-a-tanks to minimize impacts to streams.
- Consider using infrared detection devices along perimeter to reduce risk.

##### Mop up/Aerial Fuels

- Remove or limb only those fuels which if ignited have potential to spread fire outside the fire line.
- Before felling consider allowing ignited tree/snag to burn itself out. Ensure adequate safety measures are communicated if this option is chosen.
- Identify hazard trees with a lookout or flagging.
- Align saw cuts to minimize visual impacts from more heavily traveled corridors. Slope cut away from line of sight where possible.

## Logistics

### Campsite Considerations

- Locate facilities outside of wilderness whenever possible.
- Coordinate with the Resource Advisor in choosing a site with most reasonable qualities of resource protection and safety concerns.
- Evaluate short-term low impact camps such as cyote or spike versus use of longer-term higher impact camps.
- New site locations should be on impact resistant and naturally draining areas such as rocky or sandy soils, or openings.
- Avoid camps in meadows, along streams or on lakeshores. Locate at least 200 feet from lakes, streams, trails, or other sensitive areas.
- Consider impacts on both present and future users. An agency commitment to wilderness values will promote those values to the public.
- Lay out the camp components carefully from the start. Define cooking, sleeping, latrine, and water supply.
- Minimize the number of trails and ensure adequate marking.
- In NFS wilderness use brief relief portable toilet system.
- Do not use nails in trees.
- Constantly evaluate the impacts which will occur, both short and long term.

### Personal Camp Conduct

- Use “leave no trace” camping techniques.
- Minimize disturbance to land when preparing bedding site. Do not clear vegetation or trench to create bedding sites.
- Use stoves for cooking, when possible. If aw campfire is used, limit to one site and keep it as small as reasonable. Build either a “pit” or “mound” type fire. Avoid use of rocks to ring fires.
- Use down and dead firewood. Use small diameter wood, which burns down more cleanly.
- Don’t burn plastics or luminum- “pack it out” with other garbage.
- Select travel routes between camp and fire and define clearly.
- Carry water and bathe away from lakes and streams. Personnel must not introduce soaps, shampoos or other personal grooming chemicals into waterways.

## Aviation Management

One of the goals of wilderness managers is to minimize the disturbance caused by air operations during an incident.

### Aviation use Guidelines

- Maximize back haul flights as much as possible.
- Use long line remote hook in lieu of constructed helispots for delivery or retrieval of supplies and gear. (Promote the use of llamas.)
- Take precautions to insure noxious weeds are not inadvertently spread through the deployment of cargo nets and other external loads.

- Use natural openings for helispots and paracargo landing zones as far as practical. If construction is necessary, avoid high visitor use areas.
- Consider maintenance of existing helispots over creating new sites.
- Obtain specific instructions for appropriate helispot construction prior to the commencement of any ground work.
- Consider directional falling of trees and snags so they will be in a natural appearing arrangement.
- Buck and limb only what is necessary to achieve safe/practical operating space in and around the landing pad area.

### Retardant Use

- During initial attack, fire managers must weigh the non-use of retardant with the probability of initial attack crews being able to successfully control or contain a wildfire. If it is determined that use of retardant may prevent a larger, more damaging wildfire, then the manager might consider retardant use even in sensitive areas. This decision must take into account all values at risk and the consequences of larger firefighting forces' impact on the land.
- Consider impacts of water drops versus use of foam/retardant. If foam/retardant is deemed necessary consider use of foam before retardant use.

### Hazardous Materials

#### Flammable/Combustible Liquids

- Store and dispense aircraft and equipment fuels in accordance with National Fire Protection Association (NFPA) and Health and Safety Handbook requirements.
- Avoid spilling or leakage of oil or fuel, from sources such as portable pumps, into water sources or soils.
- Store any liquid petroleum gas (propane) downhill and downwind from fire camps and away from ignition sources.

#### Flammable Solids

- Pick up residual fuses debris from the fire line and dispose of properly.

#### Fire Retardant/Foaming Agents

- Do not drop retardant or other suppressants near surface waters.
- Use caution when operating pumps or engines with foaming agents to avoid contamination of water sources.



*Retardant and Foam Information Tracking Form*

Use this form to record your observations of retardant or foam that lands within 300 feet of any water bodies. Water bodies include all wet areas (streams, ponds, seeps). Return all Information and this form to the Resource Advisor.

Incident Name:

Name of observer and position:

Date of delivery or discovery:

Location (Name of water body, division, landmark, GPS if possible):

Retardant / Foam present / Gel (water enhancer)? (circle one)

Note kind of material, if known:

Type of delivery: Air / Ground (circle one)

Estimated amount (gallons)?







## Human Resource Message Chalk Fire

# PREVENT SEXUAL HARASSMENT

SEXUAL HARASSMENT at work, including emergency incidents, occurs whenever unwelcome conduct on the basis of gender, adversely affects a person's ability to do their job, and contributes to a hostile work environment. Sexual harassment includes, but is not limited to, the following types of conduct:

- ✦ Unwelcome sexual advances
- ✦ Requests for sexual favors
- ✦ Discussing sexual activities
- ✦ Telling off-color jokes
- ✦ Unnecessary touching
- ✦ Displaying sexually suggestive pictures
- ✦ Using demeaning or inappropriate terms
- ✦ Using indecent gestures
- ✦ Using crude and offensive language
- ✦ Commenting on physical attributes

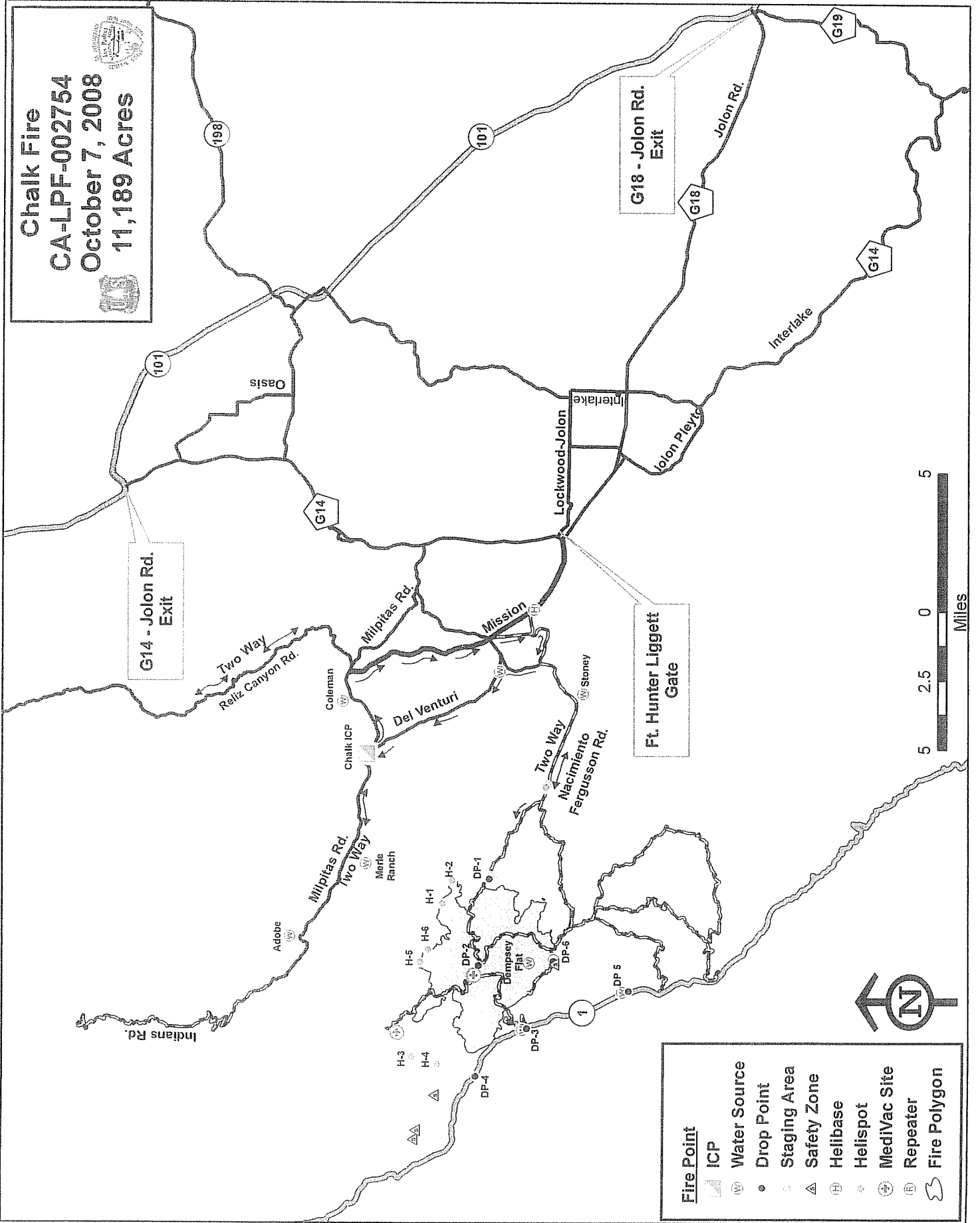
"Inappropriate behavior is harassment including sexual and racial harassment and shall not be tolerated". Fireline Handbook, Chapter 6, Common Responsibilities.

Eugene Rose  
Human Resources Specialist

Steve Branch  
Human Resources Specialist (Trainee)



**Chalk Fire**  
**CA-LPF-002754**  
**October 7, 2008**  
**11,189 Acres**



G14 - Jolon Rd. Exit

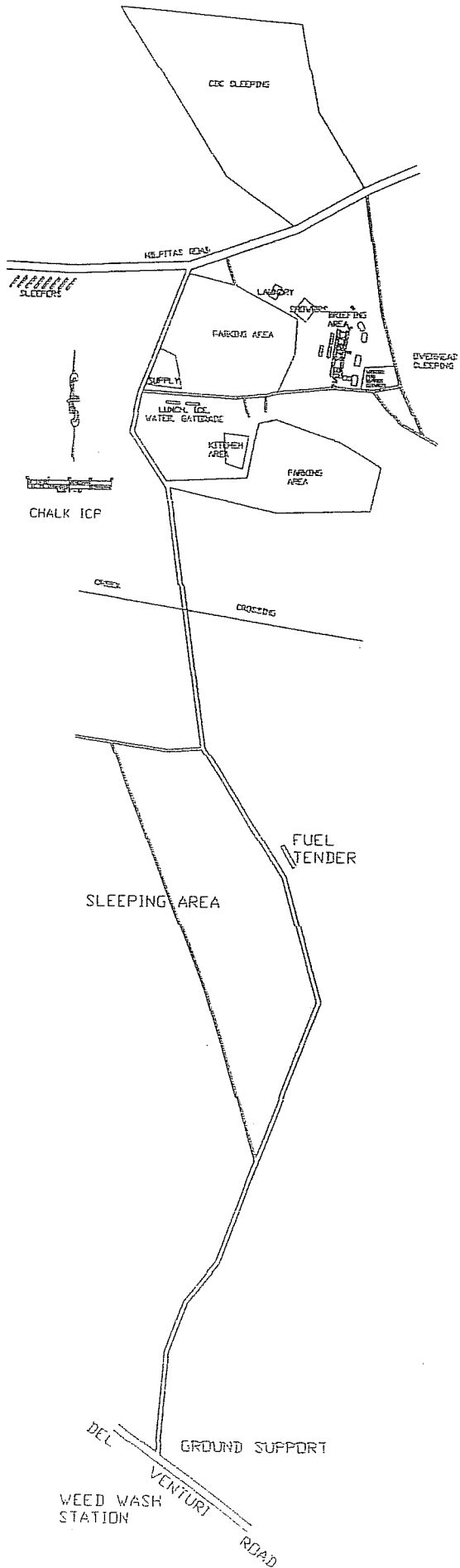
G18 - Jolon Rd. Exit

Ft. Hunter Liggett Gate

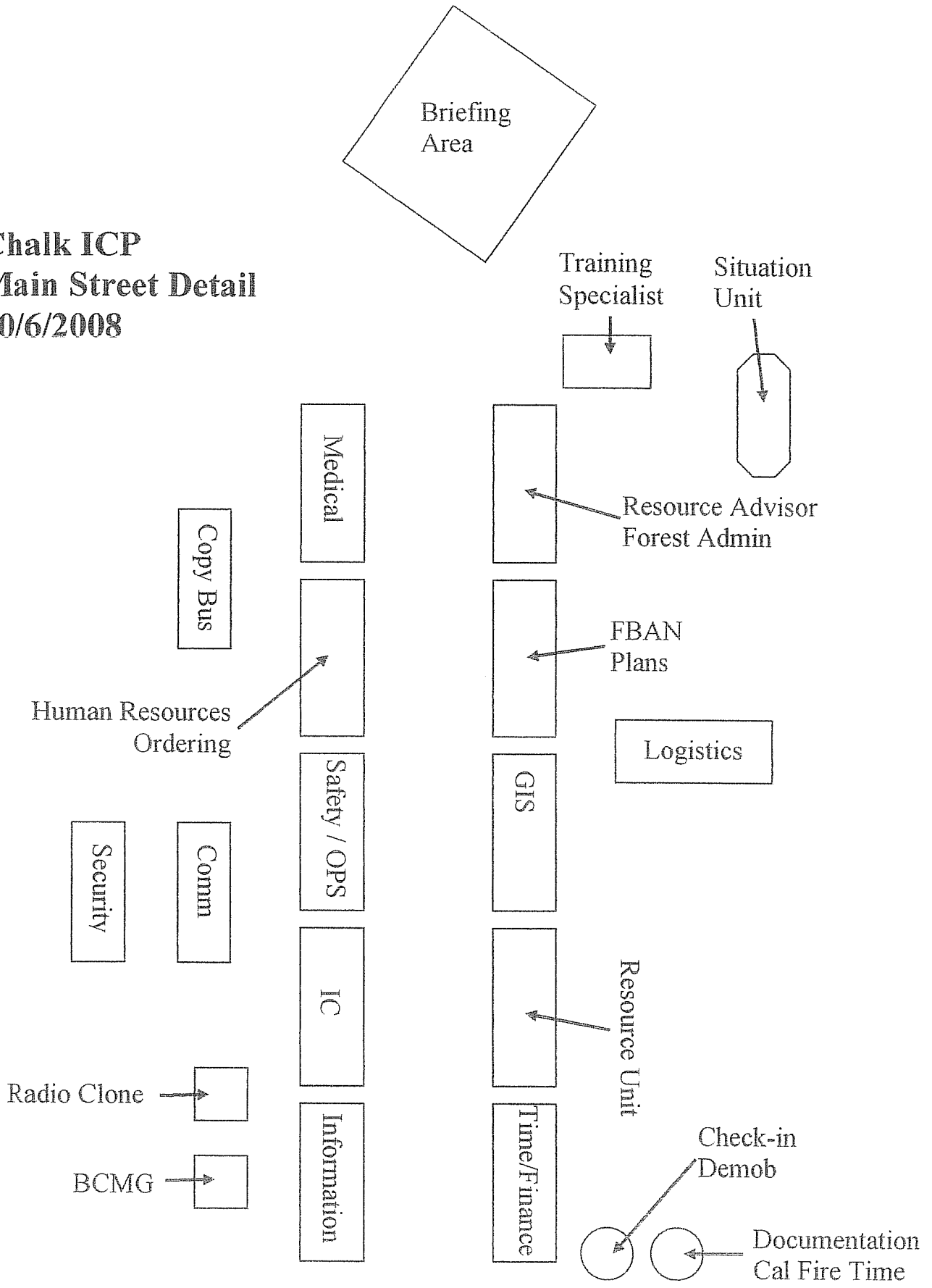
**Fire Point**

- ICP
- Water Source
- Drop Point
- Staging Area
- Safety Zone
- Helibase
- Helispot
- MediVac Site
- Repeater
- Fire Polygon

BASE CAMP  
CHALK ICP  
10/1/2008



**Chalk ICP  
Main Street Detail  
10/6/2008**





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