

\* CORRECTED \*

# COLD INCIDENT

16 LNU 007135

## INCIDENT ACTION PLAN



### OPERATIONAL PERIOD

8/8/2016 0700

to

8/9/2016 0700

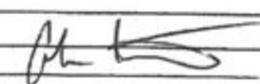




# INCIDENT OBJECTIVES (ICS 202)

<b>1. Incident Name:</b> <p style="text-align: center;"><b>COLD</b></p>	<b>2. Operational Period</b> <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Date From:</td> <td style="border: none;">8/8/2016</td> <td style="border: none;">Date To:</td> <td style="border: none;">8/9/2016</td> </tr> <tr> <td style="border: none;">Time From:</td> <td style="border: none;">0700</td> <td style="border: none;">Time To:</td> <td style="border: none;">0700</td> </tr> </table>	Date From:	8/8/2016	Date To:	8/9/2016	Time From:	0700	Time To:	0700												
Date From:	8/8/2016	Date To:	8/9/2016																		
Time From:	0700	Time To:	0700																		
<b>3. Objective(s):</b> <u>Management Objectives</u> <ul style="list-style-type: none"> <li>-Provide for emergency personnel and public safety at all times</li> <li>-Protect property, improvements and infrastructure</li> <li>-Foster and maintain relationships with all cooperators and stakeholders</li> <li>-Protect economic, natural, cultural and heritage resources</li> <li>-Ensure coordinated, timely and accurate release of public information</li> <li>-Maintain fiscal accountability and keep costs commensurate with values at risk</li> </ul> <u>Control Objectives</u> <ul style="list-style-type: none"> <li>-Keep the fire East of Lake Berryessa</li> <li>-Keep the fire South of Enos Creek</li> <li>-Keep the fire West of Grapevine Spring</li> <li>-Keep the fire North of Hwy 128</li> </ul>																					
<b>General Situational Awareness:</b> <p>Steep and rugged terrain, critically dry and receptive fuel beds, active area for fire history, drought stressed trees, and Highway 128 is open to all traffic with no controls. Demobilization of resources is occurring.</p>																					
<b>5. Site Safety Plan Required?</b> Yes ___ No <u>X</u> <b>Approved Site Safety Plan(s) Located at:</b>																					
<b>6. Incident Action Plan</b> <table style="width: 100%; border: none;"> <tr> <td style="border: none;">X ICS 203</td> <td style="border: none;">X ICS 215A</td> <td style="border: none;">X Phone List</td> <td style="border: none;">X Fire Suppression Repair Plan</td> </tr> <tr> <td style="border: none;">X ICS 204</td> <td style="border: none;">X ICS 220</td> <td style="border: none;">X Training Message</td> <td style="border: none;">X Off Site Lodging Message</td> </tr> <tr> <td style="border: none;">X ICS 205</td> <td style="border: none;">X Travel Map</td> <td style="border: none;">X Base Map</td> <td style="border: none;">X Documentation Message</td> </tr> <tr> <td style="border: none;">X ICS 206</td> <td style="border: none;">X Weather Forecast</td> <td style="border: none;">X Demob Plan</td> <td style="border: none;">X ICS 214</td> </tr> <tr> <td style="border: none;">X ICS 208</td> <td style="border: none;">X Fire Behavior</td> <td style="border: none;">X Finance Message</td> <td></td> </tr> </table>		X ICS 203	X ICS 215A	X Phone List	X Fire Suppression Repair Plan	X ICS 204	X ICS 220	X Training Message	X Off Site Lodging Message	X ICS 205	X Travel Map	X Base Map	X Documentation Message	X ICS 206	X Weather Forecast	X Demob Plan	X ICS 214	X ICS 208	X Fire Behavior	X Finance Message	
X ICS 203	X ICS 215A	X Phone List	X Fire Suppression Repair Plan																		
X ICS 204	X ICS 220	X Training Message	X Off Site Lodging Message																		
X ICS 205	X Travel Map	X Base Map	X Documentation Message																		
X ICS 206	X Weather Forecast	X Demob Plan	X ICS 214																		
X ICS 208	X Fire Behavior	X Finance Message																			
<b>7. Prepared By:</b> Adam Mitchell      Position/Title: PSC	Signature: 																				
<b>8. Approved by Incident Commander</b> Brian Estes																					
<b>ICS 202</b>	<b>IAP Page</b> _____																				

## ORGANIZATION ASSIGNMENT LIST (ICS 203)

<b>1. Incident Name:</b> COLD		<b>2. Operational Period: Date From:</b> 8/8/2016 Time From: 0700		<b>Date To:</b> 8/9/2016 Time To: 0700	
<b>3. Incident Commander(s) and Command Staff:</b>			<b>7. Operation Section:</b>		
IC/UC's	Brian Estes	Chief	Mike Webb / Mike Blankenheim (T)		
Deputy	Jeff Veik	Deputy	Jim Ferguson / Tim Ernst (T) / David Hawks (T)		
Safety Officer	Joe Buchmeier / Josh Janssen (T)	Night Ops	Ron Roberts		
Information Officer	Jonathon Cox	Staging Area			
Liaison Officer	Mitch Villalpando / Michael Hardy (T)	<b>Branch</b>	<b>Director:</b>		
LE Liaison Officer	Scott McCartney, Steven White	Division/Group	A/D/M	Chad Porter	
		Division/Group	R/W/X	Chip Fowler / Robert Bartsch (T)	
<b>4. Agency/Organization Representatives:</b>			Division/Group	Supp/Repair	Megan Scheeline
Agency/Organization	Name	Division/Group	Delta Staging	Scott Grendahl	
CAL OES	Ken Hood	Division/Group			
ARC	Sandy Timmons	<b>Branch</b>	<b>Director:</b>		
BLM	Jeff Tunnell	Division/Group			
LACO Fire Dept	Tom Stukey	Division/Group			
Yolo Co. SO	Hernan Oviedo / Dean Nyland	Division/Group			
CHP	Chuck King	Division/Group			
CAL TRANS	Franco Bargagliotti	Division/Group			
PGE	Chad Lavezzo / Dave Ebbert	<b>Branch</b>	<b>Director:</b>		
Bureau of Reclamation	Margaret Bailey	Division/Group			
CDCR	Lt. Sid Turner	Division/Group			
City of Winters	John Donlevy, Jr.	Division/Group			
Yolo Co. OES	Dana Carey	Division/Group			
CCC	Amy Duncan / Noah Wall-Torres	Division/Group			
		<b>Branch</b>	<b>Director:</b>		
		Division/Group			
		Division/Group			
<b>5. Planning Section:</b>			Division/Group		
Chief	Chris Post	Division/Group			
Deputy	Adam Mitchell / David Shy	Division/Group			
Resource Unit	Gabe Garcia / Chad Wilson / Jim Irving (T)	<b>Branch</b>	<b>Director:</b>		
Situation Unit	Shane Sherwood	Division/Group			
Documentation Unit	Susan Hudson	Division/Group			
Demobilization Unit	Tom Shevenell	Division/Group			
GISS	Tom Knecht	Division/Group			
FBAN	Steve Volmer / Troy Velin (T)	Division/Group			
IMET	Jason Clapp	<b>Air Operations Branch</b>	<b>Director:</b>	Scott Packwood	
<b>6. Logistics Section</b>			Division/Group	Air Support	Tom Swanson
Chief	Eddy Moore		Helibase Manager	Scott Corn	
Deputy	Milford Ferguson				
Supply Unit	Paul Lee	<b>8. Finance/Administration Section:</b>			
Facilities Unit	Steve Dohman / Travis Heard	Chief	Harper Keene		
Ground Support Unit	Jason Warden	Deputy	John Kiszka		
Hired Equipment Tech	Zach Lunsford	Time Unit	Andrew Corpuz / Juan Navarro (T)		
Communications Unit	Tim Maquire	Procurement Unit	Julie Freeman		
Medical Unit	Jorge Segura / Jamie Smart (T)	Comp/Claims Unit	Joe Tapia		
		Cost Unit	Greg Belk		
<b>Prepared By: Name:</b>	Adam Mitchell	<b>PSC</b>	<b>Signature:</b>		
<b>ICS 203</b>	<b>IAP Page</b> _____	<b>Date/Time:</b>	8/7/2016 2300 hours		



# INCIDENT WEATHER FORECAST



**FORECAST NO:** 4  
**PREDICTION FOR:** Monday DAY/NIGHT SHIFT

**INCIDENT NAME:** Cold Fire  
**UNIT:** CALFIRE Sonoma-Lake-Napa Unit

**SHIFT DATE:** 8/9 August 2016 0700-0700  
**TIME AND DATE**  
**FORECAST ISSUED:** 2100 / 7 August 2016

**SIGNED:**   
Jason Clapp  
Incident Meteorologist

## WEATHER TODAY:

**WEATHER:** Warmer and drier with late afternoon and evening breezy ridge winds. Expect wind eddies in upper Putah Creek drainage and mid to upper slopes on western side of fire. Then weak trough moves east overnight with **drying NNE ridges beginning after 2400.**

**TEMPERATURES:** 86-90 *Trend: Little Change*  
**RELATIVE HUMIDITY:** 27-32% *Trend: Little Change*

## **20 FT WINDS:**

**RIDGETOP** – WNW 7-10 mph gusting to 15 in the morning shifting ESE 5-8 mph gusting 14 mph after 0900, then W increasing 7-10 mph gusting to 17 mph (1800-2300).

**SLOPE/VALLEY** – Upslope 3-7 mph, then upcanyon gusts 15 mph by late morning with eddying winds near confluences and on mid to upper slopes.

**Haines:** 4      **LAL:** 1      **Stability/Inversion:** Inversion breaking around 1000.

## WEATHER FOR TONIGHT AFTER 2200: Clear.

Low temperatures: 55-60...thermal belt 65-70.      Max RH: 55-65%...45% midslopes.

**20FT Winds:** W 5-10 mph gusting 15-20 in Putah Creek drainage through 0400. **After 2400, ridge winds shifting NNE 4-7 mph gusting 12.**

**WEATHER DISCUSSION:** Warmer and drier as the marine moisture retreats. The weak upper disturbance moves east overnight with drying northerly winds beginning after 2400. Tuesday will be similar temperature and drier with the northerly ridge winds into afternoon, turning WSW by late afternoon. The trough/low sinks south over NorCal Wed with cooler temps and terrain-driven winds.

## OUTLOOK FOR TUESDAY/WEDNESDAY:

**Tuesday:** Temps remain near normal with decreasing humidity and NNE winds into afternoon.

High temps: 86-91. Max/ Min RH: 50% / 22%. Winds: Slope winds with stronger NNE ridge winds 5-8 gusting 12-15 mph shifting to WSW 1800 to 2200. W gusts to 15 down Putah Creek 2100-0300.

**Wednesday:** Cooler temperatures with increasing humidity and terrain-driven winds.

High temps: 84-89. Max/ Min RH: 55% / 26%. Winds: Slope winds with NNE ridge winds in morning shifting to WSW winds 6-8 gusting 15 mph 1700 to 2200. W 6-8 mph gusting 20 down Putah Creek Canyon 2100-0300.

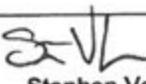
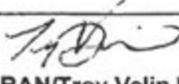


Nearby Weather Observations

Extended Weather Outlook



## FIRE BEHAVIOR FORECAST

<b>FORECAST NUMBER:</b> 4	<b>TYPE OF FIRE:</b> Wildland Fire
<b>FIRE NAME:</b> Cold	<b>OPERATIONAL PERIOD:</b> 8/8 24hr (0700-0700)
<b>DATE ISSUED:</b> 08/07	
<b>UNIT:</b> LNU	<b>SIGNED:</b>  
	<b>Printed:</b> Stephen Volmer – FBAN/Troy Velin FBAN-T

### INPUTS

#### WEATHER SUMMARY

**MAX Temp:** 86 - 90 deg. **Min Relative Humidity:** 27% - 32%

#### 20-Foot Winds:

Slope/Valley – Upslope 3 – 7 mph in aligned canyons. Then up canyon gusts to 15 by noon.

Ridge top – WNW 7-10 gusting to 15 mph in the morning, shifting to ESE 5-8 gusting to 14 mph after 0900, and then W 7-10 gusting to 17 mph this evening.

### OUTPUTS

#### FIRE BEHAVIOR

##### GENERAL:

Critically dry and abundant fuels exist in and surrounding the fire area. The primary carrier of any new fire will be grass. By 1500hrs expect these fuel moistures to be 3-5% on west aspects and 4-6% on east aspects. Brush fuel moistures in the area are between 60% - 70% and should be expected to pose challenges to suppression. Expect spotting distances as far out at 1/3<sup>rd</sup> of a mile. Fuels North of the fire consist of dense brush 6-10' tall. These fuels have not burned in over 30 years.

#### New Fire Potential With Optimal Alignment

Fuel Type	ROS (Ft-MIN) Forward	FL (Ft)	PIG
Grass	Slow/Moderate 30-35	4-6	88%
Brush	Slow/Moderate 52-55	15-20	88%

##### SPECIFIC:

All Divisions;

Smokes are well interior on all divisions, low fire behavior expected today on the Cold Fire.

PIG near 90% - equipment use and vehicles are capable of igniting dry grass.

Trees falling onto or near stump holes will continue to add mop up challenges, particularly in deep drainages.

##### AIR OPERATIONS:

Expect inversion to lift around 1000hrs, clear and sunny.

### SAFETY

Stay alert; tragedies have occurred during mop-up.

Post fire hazards are present - hot ash pits, weakened heavy limbs on oaks and pines and footing hazards.

Terrain and fuels make escape to safety zones difficult.



# SAFETY MESSAGE COLD INCIDENT



1. Incident Name: Cold

2. Operational Period: Date From:08/08/16  
Time From:07:00

Date To:08/09/16  
Time To:07:00

## "IN SOME CASES, TRAGEDIES OCCUR IN THE MOPUP STAGE"

- Drought stressed trees and stump holes are still a big problem. Maintain Situational Awareness and brief your personnel on these hazards.
- Be alert to bees in multiple areas of the fire line. If you have a known allergy ensure your supervisor is aware and have a plan to mitigate it.
- The use of PPE can prevent a simple injury that has a larger effect on the operation.
- Be mindful of securing your vehicles and equipment while off site. Be alert of your surroundings at all times. When possible, park in well-lit areas.
- Demobilization has begun. Please ensure you complete your golden circle prior to driving. Two minutes spent ensuring the vehicle is ready to move can prevent an accident.
- No PPE is allowed in the eating areas. Wash hands regularly and always before entering the eating areas.
- Be cognizant of fatigue in yourself and your crews. Many of us have been on multiple assignments concurrently. Rest when appropriate.
- Drive with head lights on and slow down to 5mph inside Base Camp. Be aware of pedestrian traffic inside Pena Adobe Region Park.
- Units working on Hwy 128 must use code three lights while parked. Be aware that Hwy 128 has been fully opened and will have a heavier amount of traffic due to the weekend.

## IT'S NOT OVER UNTIL IT'S OVER

4. Site Safety Plan Required? Yes  No

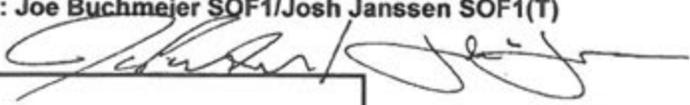
Approved Site Safety Plan(s) Located At: N/A

5. Prepared by: Name: Buchmeier/Janssen\_Position/Title: \_SOF1/SOF1(T)\_Signature: 

ICS 208

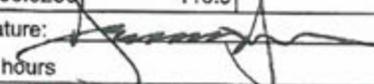
IAP Page \_\_\_\_\_

Date/Time: August 7, 2016/16:00

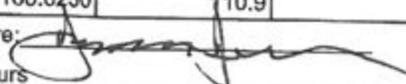
<b>1. Incident Name: COLD</b>		<b>2. Incident Number: CALNU007135</b>	
<b>3. Date/Time Prepared:</b> Date: 8/7/16      Time: 1600		<b>4. Operational Period:</b> Date From: 8/8/16    Date To: 8/9/16 Time From: 0700    Time To: 0700	
<b>5. Incident Area</b>	<b>6. Hazards/Risks</b>	<b>7. Mitigations</b>	
ALL	STEEP TERRAIN	<ul style="list-style-type: none"> <li>- POST LOOKOUTS</li> <li>- WATCH FOOTING</li> </ul>	
ALL	NARROW ONE WAY ROADS	<ul style="list-style-type: none"> <li>- TURN ON HEADLIGHTS</li> <li>- SLOW DOWN</li> </ul>	
ALL	FATIGUE	<ul style="list-style-type: none"> <li>- MAINTAIN PROPER WORK REST CYCLES &amp; DOCUMENT IN YOUR ICS-214</li> </ul>	
ALL	HYDRATION	<ul style="list-style-type: none"> <li>- MAINTAIN 3 WATER's TO 1 ELECTROLYTE RATIO</li> </ul>	
ALL	BACK HAUL/TRASH	<ul style="list-style-type: none"> <li>- USE PROPER LIFTING TECHNIQUES</li> </ul>	
ALL	IN CAMP CIVILIAN PEDESTRIAN TRAFFIC	<ul style="list-style-type: none"> <li>- DIVERTING PEDESTRIAN TRAFFIC OFF PAVED ROADWAY</li> <li>- MAINTAIN 5 MPH SPEED LIMIT IN CAMP</li> </ul>	
ALL	DEMOB NOW IN PROGRESS	<ul style="list-style-type: none"> <li>- COMPLETE YOUR GOLDEN CIRCLE</li> <li>- ENSURE EQUIPMENT IS STOWED/SECURED</li> </ul>	
ALL	HIRED EQUIPMENT	<ul style="list-style-type: none"> <li>- PROVIDE PROPER SUPERVISION PER CAL FIRE POLICY</li> </ul>	
ALL	HYGEINE	<ul style="list-style-type: none"> <li>- ENSURE PROPER HAND-WASHING &amp; CLEANLINESS</li> </ul>	
ALL	DROUGHT STRESSED TREES	<ul style="list-style-type: none"> <li>- MAINTAIN SITUATIONAL AWARENESS</li> </ul>	
ALL	COMMUNICATIONS	<ul style="list-style-type: none"> <li>- FOLLOW THE COMM PLAN</li> <li>- USE HUMAN REPEATERS</li> <li>- USE HELCO IF ALL ELSE FAILS</li> </ul>	
ALL	INCIDENT BASE SECURITY AND OFF-SITE LOCATIONS	<ul style="list-style-type: none"> <li>- PLACE SECURITY AT ENTRANCE AND EXIT PLUS TWO ROAMING IN ICP</li> <li>- PARK IN WELL LIT AREAS</li> </ul>	
<b>8. Prepared by: Joe Buchmeier SOF1/Josh Janssen SOF1(T)</b>			
			
ICS 215A			



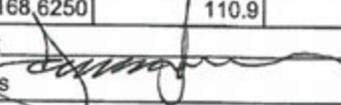
## ASSIGNMENT LIST (ICS 204)

<b>1. Incident Name:</b> <p style="text-align: center;">COLD</p>		<b>2. Operational Period:</b> Date From: 08/08/16    Date To: 08/09/16 Time From: 0700    Time To: 0700				<b>3.</b> Branch:  Division/Group <b>R/W/X</b>  Staging Area:		
<b>4. Operations Personnel:</b> Operations Section Chief: <b>Mike Webb/Mike Blankenheim (T)</b> Night Ops: <b>Ron Roberts</b> Branch Director: Division/Group Supervisor: <b>Chip Fowler, Robert Bartsch (T)</b> ✓		Name		Contact #				
<b>5. Resources Assigned:</b>								
Resource Identifier	Leader	Number of Personnel	Contact	Reporting Location, Special Equipment, Remarks, Notes, and Information				
STC LNU 9146C	Weese, Scott	18		0700-0700	DP40			
<b>STC AEU 9271C*</b>	<b>Wood, David</b>	21		0700-1900	<b>DP40</b>			
STG TGU 9253G	Solaire, Tim	33		0700-0700	DP40			
CRW LNU Konocti 3	Morrissy, Brian	16		0700-0700	DP40			
<del>DOZ PVT E-27*</del> Demob 0800	Dillsaver, John	1		0700-1900	<b>DP40</b>			
W/T PVT E-87	Cookson, Sam	2		0700-0700	DP40			
<del>HEQB O-42</del> Demob 0800	Newell, David	1		0700-0700	DP40			
<del>HEQB O-227</del> Demob 0800	Juback, Patrick	1		0700-0700	DP40			
<b>SOFR O-242*</b>	<b>Topoleski, Jim</b>	1		0700-1900	<b>DP40</b>			
<b>SOFR O-244*</b>	<b>Stewart, Kevin</b>	1		0700-1900	<b>DP40</b>			
FEMP O-177	Oberndorfer, Mike	1		0700-0700	DP40			
FEMP O-178	Luera, Andrew	1		0700-0700	DP40			
FEMT O-212	Wright, Jeremy A	1		0700-0700	DP40			
FEMP O-179	Maza, Nick R	1		0700-0700	DP40			
<b>6. Work Assignments:</b> Identify and mitigate IR hot spots Patrol Backhaul hose and trash								
<b>7. Special Instructions:</b> * <b>Bold denotes 12 hour resource</b> Do not use private hydrant located in front of Lake Solano County Park on Pleasant Valley Rd								
<b>8. Communications</b> (radio and/or phone contact numbers needed for this assignment):								
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes	
CDF C11	1	COMMAND	151.1675	103.5	159.3975	162.2		
CDF T30	5	TACTICAL	151.3925	192.8	151.3925	192.8		
CALCORD	14	MEDICAL	156.0750	156.7	156.0750	156.7		
A/G	15	AIR TO GROUND	159.2250	192.8	159.2250	192.8		
GUARD 04	16	EMERGENCY	168.6250		168.6250	110.9		
<b>9. Prepared by: Name:</b> Jim Irving		Pos/Title: RESL (T)		Signature: 				
<b>ICS 204</b>		IAP Page _____		Date/Time: 8/7/2016		2300 hours		

## ASSIGNMENT LIST (ICS 204)

<b>1. Incident Name:</b> COLD		<b>2. Operational Period:</b> Date From: 08/08/16    Date To: 08/09/16 Time From: 0700    Time To: 0700				<b>3.</b> Branch:  Division/Group: <b>Supp/Repair</b>  1 of 2  Staging Area:	
<b>4. Operations Personnel:</b> <u>Name</u> <u>Contact #</u> Operations Section Chief: <b>Mike Webb / Mike Blankenheim (T)</b> Night Ops: <b>Ron Roberts</b> Branch Director: Division/Group Supervisor: <b>Megan Scheeline</b>							
<b>5. Resources Assigned:</b>		Resource Identifier		Leader	Number of Personnel		
CRW LNU Delta 5*		Schepkens, Derek		16		0700-1900	ICP
DOZ LNU 1449		Hutchison, Richard		2		0700-0700	ICP
DOZ PVT E-95*		Petersen, Ryan		1		0700-1900	ICP
DOZ PVT E-52*		Schnetzer, Darren		1		0700-1900	ICP
DOZ PVT E-53*		Arias, Louie		1		0700-1900	ICP
DOZ PVT E-26*		Greish, Joel		1		0700-1900	ICP
DOZ PVT E-25*		Martinez, Aurelio		1		0700-1900	ICP
DOZ PVT E-23*		Schroff, Matt		1		0700-1900	ICP
DOZ PVT E-22*		Dunlap, David		1		0700-1900	ICP
W/T WOF WT7*		Guse, Jon		1		0700-1900	ICP
W/T MDS 17*		Green, Paul		1		0700-1900	ICP
W/T PVT E-142*		Andrews, Don		1		0700-1900	ICP
W/T PVT E-212*		Brady, Dan		1		0700-1900	ICP
W/T PVT E-88*		Wanzer, Anthony		1		0700-1900	ICP
W/T PVT E-211*				1		0700-1900	ICP
<b>6. Work Assignments:</b> Repair and rehabilitate all areas damaged by suppression activities							
<b>7. Special Instructions:</b> * Bold denotes 12 hour resource Do not use private hydrant located in front of Lake Solano County Park on Pleasant Valley Rd							
<b>8. Communications</b> (radio and/or phone contact numbers needed for this assignment):							
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF C11	1	COMMAND	151.1675	103.5	159.3975	162.2	
CDF T31	6	TACTICAL	159.3825	192.8	159.3825	192.8	
CALCORD	14	MEDICAL	156.0750	156.7	156.0750	156.7	
A/G	15	AIR TO GROUND	159.2250	192.8	159.2250	192.8	
GUARD 04	16	EMERGENCY	168.6250		168.6250	110.9	
<b>9. Prepared by: Name:</b> Jim Irving		Pos/Title:    RESL (T)		Signature: 			
ICS 204		IAP Page _____		Date/Time:    8/7/2016    2300 hours			

## ASSIGNMENT LIST (ICS 204)

<b>1. Incident Name:</b> <p style="text-align: center;">COLD</p>		<b>2. Operational Period:</b> Date From: 08/08/16    Date To: 08/09/16 Time From: 0700    Time To: 0700				<b>3.</b> Branch:  Division/Group: <b>Supp/Repair</b>  2 of 2  Staging Area:	
<b>4. Operations Personnel:</b> <u>Name</u> <u>Contact #</u> Operations Section Chief: <b>Mike Webb / Mike Blankenheim (T)</b> Night Ops: <b>Ron Roberts</b> Branch Director: Division/Group Supervisor: <b>Megan Scheeline</b>							
<b>5. Resources Assigned:</b>							
Resource Identifier	Leader	Number of Personnel	Contact (phone, radio freq, etc.)	Reporting Location, Special Equipment, Remarks, Notes, and Information			
GRD PVT E-207*		1		0700-1900	ICP		
EXC PVT E-214	Burgess, Chris	1		0700-1900	ICP		
HEQB O-31*	Drummond, James	1		0700-1900	ICP		
HEQB O-41*	Nelson, Jon	1		0700-1900	ICP		
HEQB O-30*	Tanner, Robert	1		0700-1900	ICP		
HEQB O-43*	Dyer, Jason	1		0700-1900	ICP		
HEQB O-29*	Vasquez, Estevan	1		0700-0700	ICP		
FOBS O-2*	Long, Stevie	1		0700-1900	ICP		
FOBS (T) O-153*	Lau, Joshua	1		0700-1900	ICP		
RESP O-302*	Titus, Lucas	1		0700-1900	ICP		
RESP O-303*	Feller, Pete Z	1		0700-1900	ICP		
W/T PVT E-213	Kollenborn	1		0700-1900	ICP		
<b>6. Work Assignments:</b> Repair and rehabilitate all areas damaged by suppression activities							
<b>7. Special Instructions:</b> * <b>Bold denotes 12 hour resource</b> Do not use private hydrant located in front of Lake Solano County Park on Pleasant Valley Rd							
<b>8. Communications</b> (radio and/or phone contact numbers needed for this assignment):							
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone    Notes	
CDF C11	1	COMMAND	151.1675	103.5	159.3975	162.2	
CDF T31	6	TACTICAL	159.3825	192.8	159.3825	192.8	
CALCORD	14	MEDICAL	156.0750	156.7	156.0750	156.7	
A/G	15	AIR TO GROUND	159.2250	192.8	159.2250	192.8	
GUARD 04	16	EMERGENCY	168.6250		168.6250	110.9	
<b>9. Prepared by: Name:</b> Jim Irving    Pos/Title:    RESL (T)    Signature: 							
<b>ICS 204</b>		<b>IAP Page</b> _____	<b>Date/Time:</b> 8/7/2016    2300 hours				



# ICS 205 - INCIDENT RADIO COMMUNICATIONS PLAN

<b>1. Incident Name:</b> COLD		<b>2. Date/Time Prepared</b> Date: 08/07/2016 Time: 1900		<b>3. Operational Period:</b> Date From: 08/08/16 Time From: 0700 Date To: 08/09/16 Time To: 0700					
<b>4. Communications</b>									
Ch#	Function	Name	Assigned To	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes	
1	COMMAND	CDF C11	COMMAND	151.1675	103.5	159.3975	162.2	GROUP 20 CH.19 (TONE 15)	
2		CH 2							
3	COMMAND	NIFC T5	IN CAMP COMMAND	166.7250	CSQ	166.7250		LINKED TO CDF C11	
4	TACTICAL	CDF T29	DIV A / D / M	151.3475	192.8	151.3475	192.8		
5	TACTICAL	CDF T30	DIV R / W / X	151.3925	192.8	151.3925	192.8		
6	TACTICAL	CDF T31	SUPPRESSION REPAIR	159.3825	192.8	159.3825	192.8		
7	TACTICAL	VFIRE 24	UNASSIGNED	154.2725	156.7	154.2725	156.7		
8	TACTICAL	VFIRE 25	UNASSIGNED	154.2875	156.7	154.2875	156.7		
9	TACTICAL	VFIRE 26	UNASSIGNED	154.3025	156.7	154.3025	156.7		
10		CH 10							
11		CH 11							
12		CH 12							
13		CH 13							
14	MEDICAL	CALCORD	MEDICAL	156.0750	156.7	156.0750	156.7		
15	AIR TO GROUND	A/G	AIR TO GROUND	159.2250	192.8	159.2250	192.8	CDF T14	
16	EMERGENCY	GUARD 04	EMERGENCY	168.6250		168.6250	110.9	EMERGENCY ONLY (CLONED ON 8/4/16)	
17		CH 17							
18		CH 18							
19		CH 19							
20	EMERGENCY	GUARD 04	EMERGENCY	168.6250		168.6250	110.9	EMERGENCY ONLY (CLONED ON 8/4/16)	
<b>5. Special Instructions</b>									
<b>6. Prepared by (Communications Unit Leader): Name: TIM MAGUIRE COML</b>						Signature: 			
ICS 205						Date/Time: 08/07/16 2000			



# CAL FIRE INCIDENT MANAGEMENT TEAM 6

*Established 1994*



---

## COLD INCIDENT CA LNU 007135

### -Phone List-

**Safety- 707-339-1243**

**Accommodations- 530-355-5227**

**Communications- 530-454-5178**

**Logistics- 951-225-4509**

**Medical- 925-588-6836**

**Finance- 951-225-4506**

**PIO- 951-225-4507**

**Supply- 805-903-3416**

**Demob- 925-324-8425**

**Ground Support- 530-708-2732**

**Fire Info Hotline- 707-967-4207**

---

Dedicated to Effective, Efficient, and Professional Incident  
Management

<b>MEDICAL PLAN</b> <b>ICS 206</b>	1. INCIDENT NAME <b>COLD FIRE</b>	2. DATE PREPARED 08/07/16	3. TIME PREPARED 2100	4. OPERATIONAL PERIOD 8/8/16 – 8/9/16 0700-0700
---------------------------------------	--------------------------------------	------------------------------	--------------------------	---

5. INCIDENT MEDICAL AID STATIONS			
MEDICAL SUPPLY TRAILER	LOCATION	PARAMEDICS	
FRONTLINE	ICP NEXT TO THE SHOWER UNIT	YES	NO
			X

6. TRANSPORTATION			
A. AMBULANCE SERVICES			
NAME	LOCATION	PHONE	PARAMEDICS
			YES NO
CALSTAR (Odd Days)	Vacaville	800-252-5050	X
Reach Ambulance (Even Days)	Concord	800-338-4045	X
American Medical Response	West Sacramento	800-913-9122 916-439-4604	X
CAL FIRE Copter104 (Day)	Brooks Heli Base	Cold Communications	X

B. INCIDENT AMBULANCES			
NAME	LOCATION	PARAMEDICS	
		YES	NO
AMR 461	Highway 128/ Pleasants Valley	X	

7. HOSPITALS								
NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER	
		AIR	GRND		YES	NO	YES	NO
Med Net Channel								
Kaiser (Level 2 Trauma)	1 Quality Dr. Vacaville CA	2	8	707-624-4000 707-452-9892	X			X
UC Davis Medical Center (Level 1 Trauma / Burn)	2315 Stockton Blvd, Sacramento CA 95817	12	30	916-734-2011 916-734-5669	X		X	
Vaca Valley Hospital	1000 Nut Tree Rd. Vacaville	3	16	707-624-7000 707-624-7810	X			X

**8. MEDICAL EMERGENCY PROCEDURES**

**LINE EMERGENCY:**

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

- Division/Group Supervisor contacts:
  1. Communications Unit
  2. Closest EMS resource
- Communications Unit contacts:
  1. Ground or Air ambulance as requested
  2. Operations
  3. Safety
  4. Medical Unit
- Division Supervisor or designee will serve as point of contact and run medical emergency on assigned channel.
  1. A pre-assigned tactical frequency (i.e. CALCORD) should be used for IWL and only for duration of need.
- Communications Unit will clear command channel for emergency traffic as needed and only for duration of need.

**CAMP EMERGENCY:**

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

- Medical Unit contacts:
  1. Communications
  2. Safety
  3. Logistics
  4. Operations
  5. Crew Supervisor
  6. Comps/Claims

**INJURY REPORTING PROCEDURES**

NATURE OF INJURY \_\_\_\_\_

LOCATION OF PATIENT \_\_\_\_\_

POINT OF CONTACT \_\_\_\_\_

TRANSPORTATION REQUESTED BY: AIR\_\_ GROUND\_\_

POINT OF PICKUP \_\_\_\_\_

LAT \_\_\_\_\_ LONG \_\_\_\_\_ Datum WGS84

PATIENT UNIT ID \_\_\_\_\_

IS AN EMT WITH PATIENT: YES \_\_\_\_ NO \_\_\_\_

AGE \_\_\_\_\_

SEX: MALE \_\_\_\_ FEMALE \_\_\_\_

**ALL EMERGENCIES--Secure the area and identify witnesses for later investigation. Keep an accurate log of events.**

ICS 206 (Rev 03/ 12) FR	9. PREPARED BY: (Medical Unit Leader) Jorge H Segura IMT 6 MEDU/Jamie Smart MEDL(t)/Robert Beeson MEDL(t) <i>Jorge H Segura</i>	10. REVIEWED BY: (Safety Officer) Joe Buchmeier SOF1(t)6 /Jesse Janssen SOF1(t) IMT6 <i>Joe Buchmeier</i>
----------------------------	---	---



## Training Message

### **Trainees and Trainers -- if either or both are demobing**

You need to remember to check out, **together**, with the Training Specialists prior to being demobed to complete the paperwork and discuss the training assignment.

- Trainers need to sign off completed parts of the task book achieved on this assignment and discuss the assignment with the trainees.
- Complete an Evaluation Record.
- Trainers will also need to do an Incident Personnel Performance Rating (ICS 225- available in Training) and discuss their comments with the trainee.

If you do all this, the rest will take just a few minutes.

Training Watch Out

You haven't looked at your task book since checking in last week.

Early in the shift, take a few minutes to review your task book, **together**, and plan the day. There are still plenty of opportunities to work on evaluating some tasks.

Don't miss a chance to get a task signed off.

**FACILITIES MAP**

**COLD FIRE**

CA-LNU-007135

8/8/2016

ONE WAY TRAFFIC  
\*\*\*NOT TO SCALE\*\*\*



Pena Adobe Regional Park

Lagoon Valley Park

CREW SLEEPING AREA

PIO

SECURITY

51B

vera Rd

OVERHEAD PARKING

EQUIPMENT PARKING

MEDICAL

LAUNDRY SHOWERS

LUNCH WATER ICE

SUPPLY / FUEL

ICP

BRIEFING

DMOB INSP

SECURITY

CLERICAL

M  
K  
U

LOFR OES  
ORDM

PIO  
TIME

SITL FBAN  
COMP COST

RESL PLANS  
PROC

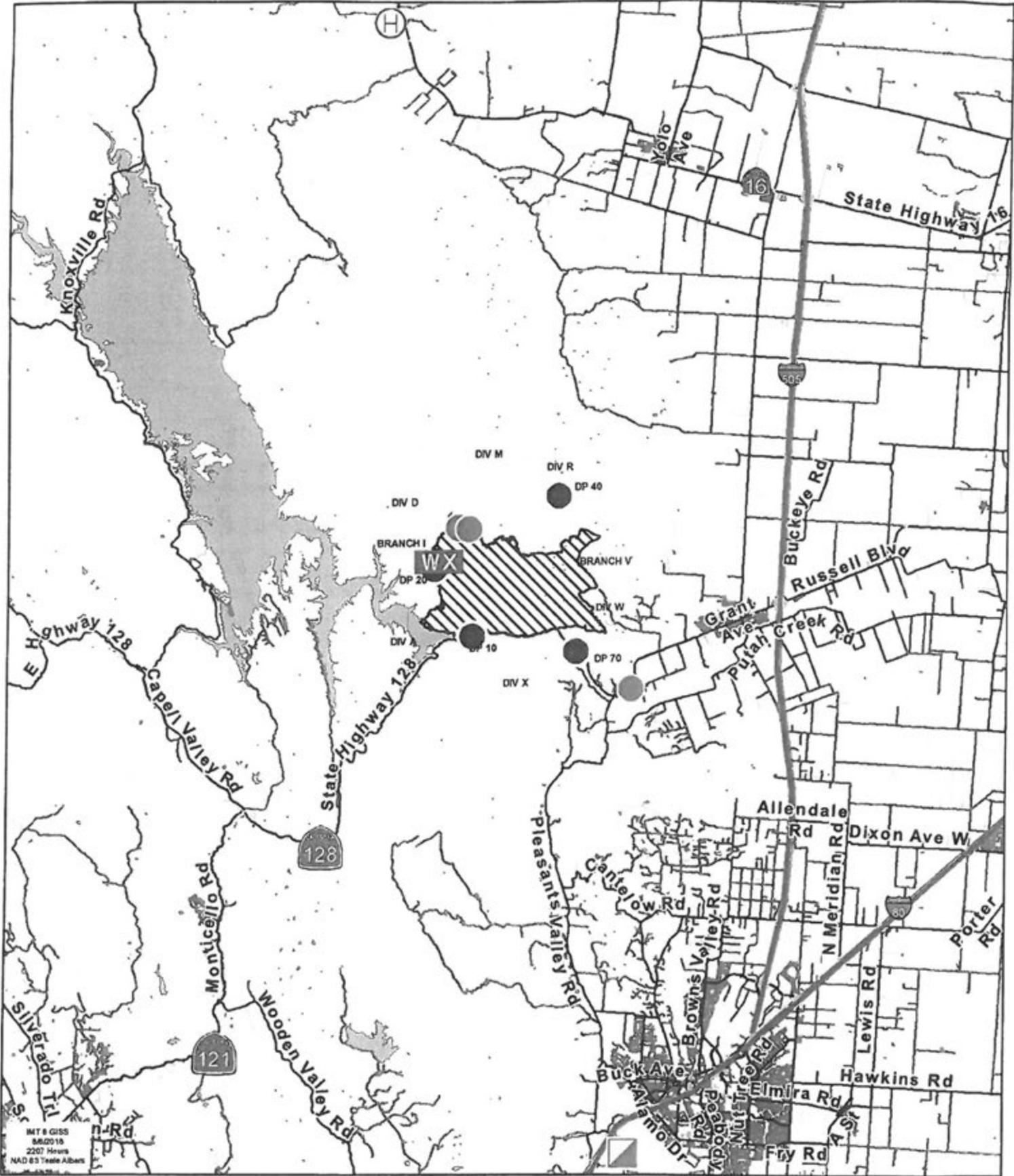
DOCL TRNG  
FSC

SCKZ DMOB  
RADIO

LOGS

Lagoon Valley Rd

Lagoon Valley Rd



MIT & GISS  
5/6/2016  
2207 Hours  
NAD 83 Teale Albers



1:200,000

- Drop Point
- ⊗ Division
- ⌋ Branch
- ⊙ Helibase
- ▣ ICP
- ▬ Fire Perimeter



**TRAVEL MAP**  
**Cold Incident**  
CALNU 007135





# CAL FIRE INCIDENT MANAGEMENT TEAM 6



BRIAN ESTES – INCIDENT COMMANDER

---

## DEMOBILIZATION PLAN - SUMMARY

### Cold Incident

CA-LNU-7135

### GENERAL INFORMATION

The Demobilization Plan is developed to facilitate the orderly removal and checkout of resources on the incident. By definition, surplus personnel are available for release if they have rested for a minimum of 8 hours, are cleaned up, outfitted and have a vehicle ready to depart to their next destination.

### GENERAL GUIDELINES

- o **NO RESOURCES WILL LEAVE THE INCIDENT UNTIL AUTHORIZED TO DO SO BY THE DEMOB UNIT.**
- o Efforts will be made to ensure that all released personnel arrive at their destination prior to 2200 hours.
- o All government and hired vehicles leaving the incident will have a safety inspection. If a vehicle is within 1,000 miles of a "B" service, it is the responsibility of the resource to contact Ground Support and have an oil change prior to their scheduled demob time.
- o All trainees are to keep their time up to date and report to the Training Specialist with their task books and evaluations prior to completion of the demobilization process.
- o All strike team leaders are responsible to call North Ops at 1-800-237-3703 immediately upon being released from the incident.

### RESPONSIBILITIES

**Unit Leaders** will declare resources excess to their **Section Chief**. **Section Chiefs** will declare excess resources to the Planning Section Chief through the **Resource Unit Leader**. This should be done 36 hours in advance of anticipated release. Use the **Declaration of Excess Resources sheet** or **General Message Form (ICS-213)** to list all excess resources. Include the resource name, request number, name of person, date and time of declared excess, and time in which the resource will be eligible to leave. Send to the **RESOURCE UNIT** where the resource will be determined to be surplus to the incident. Surplus resources will then be able to report to the **DEMOB UNIT**, receive a Demobilization Checkout Form (ICS 221), get the appropriate ICS 221 signatures, and then return the completed ICS 221 to the **DEMOB UNIT** prior to final release or reassignment.

### RELEASE PRIORITIES

1. Organized fire departments
2. OES engines
3. Hired personnel and equipment
4. Other agencies (USFS, BLM, etc.)
5. Out of region Cal Fire forces
6. Within Region Cal Fire Forces
7. Unit CAL FIRE Forces

### TRAVEL INFORMATION

All resources will meet agency specific requirements on hours of travel per day. For CAL FIRE hand crews, a full 24 hour reset period shall be adhered to before departing from the incident. After a crew's last operational period they shall begin the demobilization release procedure during their 24 hour off shift. In addition, they must use the following complete 24 hour period as reset time before they depart from the incident.



# FC-33 DAILY UPDATE

DATE:			24 Hrs	12 Hrs	
REQ #			S/T #		
WORK LOCATION:					
RADIO IDS: ST LEADER:	DOZER BLADE HRS	PORTABLE PUMP HRS	# OF SAWS	HRS ON EACH SAW	NOTES
ENGINE/CREW:					
COMMENTS (ANY CHANGES?):					
CELL PHONE #:					

# FC-33 DAILY UPDATE

DATE:			24 Hrs	12 Hrs	
REQ #			S/T #		
WORK LOCATION:					
RADIO IDS: ST LEADER:	DOZER BLADE HRS	PORTABLE PUMP HRS	# OF SAWS	HRS ON EACH SAW	NOTES
ENGINE/CREW:					
COMMENTS (ANY CHANGES?):					
CELL PHONE #:					

# SHIFT TICKET EXAMPLE

EMERGENCY SHIFT TICKET and EVALUATION FORM					Contractor Name					
Incident or Project Name <b>COLD FIRE</b>			Incident Number <b>CALNU 007135</b>	Request Number <b>E#</b>	Operator #1 <b>BOB SMITH</b>					
Agreement Number <b>XXX - 000000 - 00</b>					Operator #2 <b>TOM SMITH</b>					
Equipment Make <b>CAT</b>			Equipment Model / Type <b>D6XM</b>		Operator Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government					
Serial Number <b>111111</b>			Licence Number <b>111111</b>		Operating Supplies Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government					
Equipment Use (Circle) <b>Hours</b> Days / Miles					Equipment Status <input checked="" type="checkbox"/> Inspected <input checked="" type="checkbox"/> Under Agreement					
Date Mo / Day	Start	Stop	Work	Assignment	Released by Government <input type="checkbox"/>					
8/3	1300	1700	4	Travel	Withdrawn by Contractor <input type="checkbox"/>					
8/3	1701	2400	8	DIV M	Remarks/Comments ** <b>TWO OPERATORS NO DAMAGE/ NO CLAIMS</b>					
8/4	0001	700	7	DIV M						
Vendor Rating							Govt. Rep Name and Position - PRINT <b>Mike Weber</b>			
Met Performance Expectations					Poor*	Avg.	Good	Exc.	N/A	Govt. Rep. Signature <i>Mike Weber</i>
Equipment in Safe Working Condition					<b>Vendor Rating must be done.</b>					Contractor Signature <i>Bob Smith</i>
Operator Skill Level										
Operates Safely										
Operator's Cooperation Level										
Overall Performance										
* NOTE: Any rating of POOR requires an explanation in Comment Section.								Date <b>08/04/15</b>	Time <b>0800</b>	
**Final evaluation or for more documentation, use an ICS Form 230 or equivalent.								CALFIRE 297 (Rev 3-2011)		
Pink - Finance		Blue - Home Unit HE Coordinator			Yellow - Vendor		White - Govt Representative			

EMERGENCY SHIFT TICKET and EVALUATION FORM					Contractor Name					
The responsible Government Officer will complete this form each shift					<b>DUDE TRANSPORT</b>					
Incident or Project Name <b>COLD FIRE</b>			Incident Number <b>CALNU 007135</b>	Request Number <b>E # Here</b>	Operator #1 <b>BOB SMITH</b>					
Agreement Number <b>XXX - 000000 - 00</b>					Operator #2 <b>TOM SMITH</b>					
Equipment Make <b>TRANSPORT/ KENWORTH</b>			Equipment Model / Type <b>COZAD TRAILER /26 WHEELS</b>		Operator Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government					
Serial Number <b>1XP3ESMP14239012</b>			Licence Number <b>9999999</b>		Operating Supplies Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government					
Equipment Use (Circle) <b>Hours</b> Days / Miles					Equipment Status <input checked="" type="checkbox"/> Inspected <input checked="" type="checkbox"/> Under Agreement					
Date Mo / Day	Start	Stop	Work	Assignment	Released by Government <input type="checkbox"/>					
8/3	1300	1800	5	Travel	Withdrawn by Contractor <input type="checkbox"/>					
8/3	1901	2400	5	DIV M	Remarks/Comments ** <b>2 OPERATORS NOT AVAIL NO DAMAGE/ NO CLAIMS</b>					
8/4	0001	7	7	DIV M						
Vendor Rating							Govt. Rep Name and Position - PRINT <b>Mike Weber</b>			
Met Performance Expectations					Poor*	Avg.	Good	Exc.	N/A	Govt. Rep. Signature <i>Mike Weber</i>
Equipment in Safe Working Condition					<b>Vendor Rating must be done.</b>					Contractor Signature <i>Bob Smith</i>
Operator Skill Level										
Operates Safely										
Operator's Cooperation Level										
Overall Performance										
* NOTE: Any rating of POOR requires an explanation in Comment Section.								Date <b>08/04/15</b>	Time <b>0800</b>	
**Final evaluation or for more documentation, use an ICS Form 230 or equivalent.								CALFIRE 297 (Rev 3-2011)		
Pink - Finance		Blue - Home Unit HE Coordinator			Yellow - Vendor		White - Govt Representative			

**Turn shift tickets into Finance.**

# SHIFT TICKET EXAMPLE

EMERGENCY SHIFT TICKET and EVALUATION FORM					Contractor Name	
Incident or Project Name <b>COLD FIRE</b>			Incident Number <b>CALNU 007135</b>		Request Number <b>E or S # Here</b>	
Agreement Number <b>XXX - 000000 - 00</b>					Operator #1 <b>BOB SMITH</b>	
Equipment Make <b>FREIGHTLINER</b>			Equipment Model / Type <b>WATER TENDER 2500 + GAL</b>			
Serial Number <b>1XP3ESMP14239012</b>			Licence Number <b>5555555</b>			
Equipment Use (Circle) <b>Hours</b> Days / Miles					Operator Furnished By:	
Date Mo / Day Start Stop Work Assignment					<input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government Operating Supplies Furnished By:	
8/3 1300 1700 4 Travel 8/3 1701 2400 7 DIV Z 8/4 0001 700 7 OFF SHIFT					<input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government Equipment Status <input checked="" type="checkbox"/> Inspected <input checked="" type="checkbox"/> Under Agreement <input type="checkbox"/> Released by Government <input type="checkbox"/> Withdrawn by Contractor	
Vendor Rating					Remarks/Comments **	
Poor* Avg. Good Exc. N/A Met Performance Expectations _____ Equipment in Safe Working Condition _____ Operator Skill Level _____ Operates Safely _____ Operator's Cooperation Level _____ Overall Performance _____					<b>ONE OPERATOR NO DAMAGE/ NO CLAIMS</b>	
* NOTE: Any rating of POOR requires an explanation in Comment Section. **Final evaluation or for more documentation, use an ICS Form 230 or equivalent.					Govt. Rep. Name and Position - PRINT <b>Mike Weber</b> Govt. Rep. Signature <i>Mike Weber</i> Contractor Signature <i>Bob Smith</i> Date <b>08/04/15</b> Time <b>0800</b>	
Pink - Finance Blue - Home Unit HE Coordinator Yellow - Vendor White - Govt Representative					CALFIRE 297 (Rev 3-2011)	

EMERGENCY SHIFT TICKET and EVALUATION FORM					Contractor Name	
The responsible Government Officer will complete this form each shift						
Incident or Project Name <b>COLD FIRE</b>			Incident Number <b>CALNU 007135</b>		Request Number <b>E OR S # Here</b>	
Agreement Number <b>XXX - 000000 - 00</b>					Operator #1 <b>BOB SMITH</b>	
Equipment Make <b>PETERBUILT</b>			Equipment Model / Type <b>WATER TENDER 2500 + GAL</b>			
Serial Number <b>1XP3ESMP14239012</b>			Licence Number <b>9999999</b>			
Equipment Use (Circle) <b>Hours</b> Days / Miles					Operator Furnished By:	
Date Mo / Day Start Stop Work Assignment					<input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government Operating Supplies Furnished By:	
8/3 1300 1800 5 Travel 8/3 1800 2400 6 DIV M 8/4 0001 700 7 DIV M					<input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government Equipment Status <input checked="" type="checkbox"/> Inspected <input checked="" type="checkbox"/> Under Agreement <input type="checkbox"/> Released by Government <input type="checkbox"/> Withdrawn by Contractor	
Vendor Rating					Remarks/Comments **	
Poor* Avg. Good Exc. N/A Met Performance Expectations _____ Equipment in Safe Working Condition _____ Operator Skill Level _____ Operates Safely _____ Operator's Cooperation Level _____ Overall Performance _____					<b>2 OPERATORS NO DAMAGE/ NO CLAIMS</b>	
* NOTE: Any rating of POOR requires an explanation in Comment Section. **Final evaluation or for more documentation, use an ICS Form 230 or equivalent.					Govt. Rep. Name and Position - PRINT <b>Mike Weber</b> Govt. Rep. Signature <i>Mike Weber</i> Contractor Signature <i>Bob Smith</i> Date <b>08/04/15</b> Time <b>0800</b>	
Pink - Finance Blue - Home Unit HE Coordinator Yellow - Vendor White - Govt Representative					CALFIRE 297 (Rev 3-2011)	

Turn shift tickets into Finance.



## FIRE SUPPRESSION REPAIR PLAN: COLD INCIDENT

**Fire suppression repair is the repair of damage caused directly from fire suppression activities. It is not the repair of infrastructure or rehabilitation of burned areas that happened as a result of the fire itself.**

Damaged facilities will be upgraded to their pre-fire condition. Projects too large or complex to be completed by the Fire Suppression Repair Group shall be transferred to the Comp/Claims Unit or the local Unit. Repair work shall only occur in locations authorized by the Operations Section and where fire suppression activities are complete. Fire Suppression Repair Group resources shall evaluate all Divisions for appropriate repair needs. This includes areas inside and outside the fire perimeter, provided the damage was caused by official fire suppression activities.

Examples of items that may be repaired include, but are not limited to:

Infrastructure Damage	Natural Resource Damage
Fences and gates	Soil erosion
Culverts, bridges, and other watercourse crossings	Adverse impacts to air and water quality
Water sources	Adverse impacts to protected species of plants and animals
Utility distribution lines (above or below ground)	
Road barriers removed for fire access	
Trash, debris, and supplies left by fire suppression resources	
Miscellaneous damage to residential property	

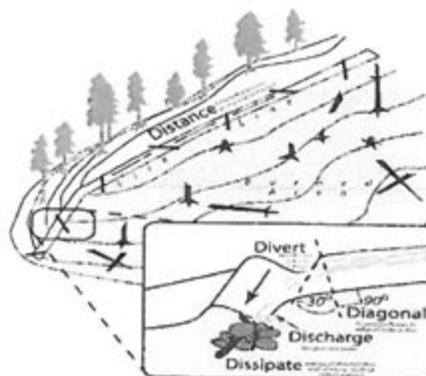
### **Dozer Line Repair**

Dozers construct both fire and contingency lines. Dozer line width varies greatly. The following measures shall be implemented for constructed dozer line:

- Berms and push-piles shall be spread out to the extent feasible. This may be accomplished by back-blading and/or using ripper shanks or grapples. Debris piled against trees or perched above watercourses is especially important to remove or disperse.
- Waterbreaks shall be constructed at an approximately 45 degree angle and shall be a minimum depth of 12 inches from the bottom of the cut to the top of the berm. Where feasible, the discharge from waterbreaks shall be directed into vegetated areas.
- Where slopes exceed the range at which a tractor can effectively work, waterbreaks shall be constructed with hand tools.
- Roads used in fire suppression activities shall be left in the same condition they were found or better. Gravel and soil-surfaced roads shall be watered to prevent excessive dust. Where fire suppression activities have damaged or rendered road drainage facilities non-functional, waterbreaks or drivable drainage dips shall be installed for drainage.
- Where fire suppression activities have filled in or damaged inside ditches, the ditches shall be cleaned and left unobstructed.
- Spacing of waterbreaks shall be as follows:

Prevailing gradient	Maximum waterbreak spacing
0-10%	200 feet
11-25%	150 feet
26-50%	100 feet
>50%	75 feet

*Spacing criteria is a general guide. Actual location of waterbreaks should be tailored to the topography and placement suited to the best dispersal of water flow.*



# Fire Suppression Repair

It is time to begin planning for the fire suppression repair efforts. A fire suppression repair plan will be developed for the LNU Cold Incident. To accomplish our goals we need to identify problem areas, prescribe the needed work, and ensure that the work is completed.

In an effort to identify problem areas we have created the attached form for use by the Branches and Divisions. As noted on the form, items to consider include: fences and gates damaged during the incident; road and watercourse crossings repairs; culverts and watercourses needing cleanout; fire breaks in need of waterbarring; trash and equipment pickup.

Use the attached form(s) to document locations where repair work may be necessary. Use maps to show locations. Return forms to the Suppression Repair Unit at the end of your shift.

## Fire Suppression Repair Checklist CA-LNU-007135

Fire Name COLD Form Preparer \_\_\_\_\_

Division \_\_\_\_\_ Date Prepared \_\_\_\_\_

Work Needed

Location  
(T./R./S.)

Fence/Gate Repair \_\_\_\_\_

Waterbars \_\_\_\_\_

Road Repair \_\_\_\_\_

Watercourse Cleanout \_\_\_\_\_

Culvert Cleanout and Repair \_\_\_\_\_

Seeding/Mulching Watercourse Crossing \_\_\_\_\_

Trash Pickup \_\_\_\_\_

Other \_\_\_\_\_

Note: List type of material/equipment/personnel needed (e.g. fencing material, tools, dozer, backhoe, stakeside, handcrew etc.)

---

---

---



## FROM THE DESK OF DOCUMENTATION

### COLD INCIDENT

#### *Who needs to turn in what?*



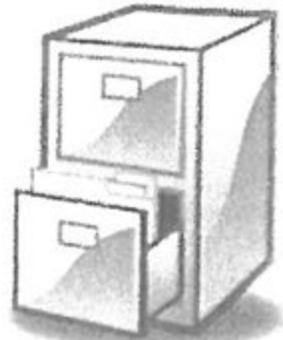
Unit Logs (ICS-214s) are required by Strike Team Leaders and above. However, Crews, Engines and possibly other contractors working on the line or in camp, may be asked to fill them out, especially if there has been a significant event that may need to be documented, or if requested by your Supervisor.



Copies of the Crew Evaluations (ICS-224s) and Personnel Evaluations (ICS-225s) are sent to your home unit or business office. Therefore, it is imperative to provide the home unit name or business name and full address on the evaluation form. Also put your REQUEST # AND RESOURCE ID AT TOP.

Thanks for your help and cooperation.

Susan Hudson ~ Documentation Unit



## **COLD FIRE**

### **\*\*\*SITUATIONAL AWARENESS FOR OFF SITE HOTEL STAYS\*\*\***

- Keep your eyes open when entering the parking lot to park
- Watch out for each other as you unload your equipment
- Take all of your valuables into the hotel if at all possible
- Lock all of the equipment you need to inside a locked part of your rig
- Park under lights when possible
- Ask the Hotel if they have security and if they do ask for patrols
- Walk around your equipment prior to entering and leaving
- Always watch your surroundings

Scott McCartney, CALFIRE IMT 6 LELO

Steve White, CALFIRE IMT 6, CHP LEO



