

**WALL  
INCIDENT  
CA-BTU-010975**

**INCIDENT ACTION PLAN**



**OPERATIONAL PERIOD**

**7/12/2017 0700**

**to**

**7/13/2017 0700**





## INCIDENT OBJECTIVES (ICS 202)

<b>1. Incident Name:</b> <p style="text-align: center; margin-left: 40px;">WALL</p>	<b>2. Operational Period:</b>	Date From: 7/12/2017 Time From: 0700	Date To: 7/13/2017 Time To: 0700
<b>3. Objective(s):</b>			
<p><u>Management Objectives</u></p> <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>- Ensure coordinated, timely and accurate release of public information.</li> <li>- Foster and maintain relationships with all cooperators and stakeholders.</li> <li>- Protect economic, natural, cultural and heritage resources.</li> <li>- Maintain fiscal accountability and keep costs commensurate with values at risk.</li> </ul> <p><u>Control Objectives</u></p> <ul style="list-style-type: none"> <li>- Keep the fire East of Oro Bangor Hwy</li> <li>- Keep the fire South of Lake Oroville</li> <li>- Keep the fire West of Robinson Mill Road</li> <li>- Keep the fire North of La Porte Road</li> </ul>			
<b>General Situational Awareness:</b>  Steep and rugged terrain with difficult access. Extensive fire history in the area. Wildland Urban Interface / Intermix threat. Narrow roads and limited access.			
<b>5. Site Safety Plan Required?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
<b>Approved Site Safety Plan(s) Located at:</b>			
<b>6. Incident Action Plan</b>			
<input checked="" type="checkbox"/> ICS 203	<input checked="" type="checkbox"/> ICS 215A	<input type="checkbox"/> Phone List	<input checked="" type="checkbox"/> Fire Suppression Repair Plan
<input checked="" type="checkbox"/> ICS 204	<input checked="" type="checkbox"/> ICS 220	<input checked="" type="checkbox"/> Training Message	<input type="checkbox"/>
<input checked="" type="checkbox"/> ICS 205	<input checked="" type="checkbox"/> Incident Map	<input checked="" type="checkbox"/> Travel Map	<input type="checkbox"/>
<input checked="" type="checkbox"/> ICS 206	<input checked="" type="checkbox"/> Weather Forecast	<input checked="" type="checkbox"/> Demob Plan	<input type="checkbox"/>
<input checked="" type="checkbox"/> ICS 208	<input checked="" type="checkbox"/> Fire Behavior	<input checked="" type="checkbox"/> Finance Message	<input checked="" type="checkbox"/> ICS 214
<b>7. Prepared By:</b> Buddy Bloxham		Position/Title: PSC	Signature:
<b>8. Approved by Incident Commander:</b>		Jim Ferguson	Signature:
<b>ICS 202</b>			

## ORGANIZATION ASSIGNMENT LIST (ICS 203)

<b>1. Incident Name:</b> WALL		<b>2. Operational Period: Date From:</b> 7/12/2017 Time From: 0700		<b>Date To:</b> 7/13/2017 Time To: 0700	
<b>3. Incident Commander(s) and Command Staff:</b>			<b>7. Operation Section:</b>		
IC/UC's	Brian Estes	Chief	Mike Blankenheim		
Deputy	Jeff Veik / Jim Ferguson	Deputy	Mike Webb		
Safety Officer	Joe Buchmeier	Night Ops	Tim Ernst / Ron Roberts		
Information Officer	Jonathan Cox / Mary Ann Aldrich	Staging Area	Swedes	Jason Sisneros	
Liaison Officer	Mitch Villalpando	Branch	I	David Hawks	
Law Tech Spec	Steven White	Division/Group	A/C	Gene Neely	
		Division/Group			
		Division/Group	P	Rob Bebensee	
<b>4. Agency/Organization Representatives:</b>			Division/Group		
Agency/Organization	Name	Division/Group			
CALF IRE - BTU	Garrett Sjolund	Division/Group			
BCSO	Derek Bell	Branch	III		
USFS	Steve Murphy	Division/Group	E/G		
PG&E	Rob Cone	Division/Group			
Ca. State Parks	Aaron Wright	Division/Group			
CHP Oroville	Al Sanders	Staging Area	Forbestown		
Cal OES	Ken Hood	Division/Group			
NVADG	Norm Rosene	Branch	V	Ethan Darnall	
Butte Co. EOC	Shari McCracken	Division/Group	H	Rik Valles	
Red Cross	Dave Willoughby	Division/Group	I/L	Pete Davis	
BC Animal Control	Ryan Soulsby	Division/Group			
		Staging Area	Olive		
		Division/Group			
<b>5. Planning Section:</b>			Branch	LAW	John Davis / Derek Bell
Chief	Chris Post	Division/Group	LAW BRANCH	Sgt Hail	
Deputy	Adam Mitchell / Buddy Bloxham	Division/Group			
Resource Unit	Gabe Garcia / Dave Scheurich / Leonel Plata / Jim Irving / Shawn Holden	Division/Group			
		Division/Group			
Situation Unit	Robert Bartsch / Tom Gikas	Division/Group			
Documentation Unit	Kim Moore	Branch	Supp Repair		
Demobilization Unit	Al Klem	Division/Group	Supp Repair	Dave Derby / Tim Collins	
GISS	Tom Knecht	Division/Group			
FBAN	Tim Chavez	Division/Group			
IMET	Scott Weishaar	Division/Group			
Training Tech Spec	Raymon Mitchison	Staging Area			
Crew Tech Spec	Joey Howard	Air Operations Branch		Director:	Scott Packwood
<b>6. Logistics Section:</b>			Air Support Grp Sup	Tom Swanson	
Chief	Dusty Martin	Helibase Manager		Scott Corn	
Deputy	Eddy Moore				
Supply Unit	Amber Henderson	<b>8. Finance/Administration Section:</b>			
Facilities Unit	Steve Dohman	Chief	Shawn Hogan	Deputy: John Kiszka	
Ground Support Unit	Jason Wardon	Time Unit	Andrew Corpuz		
Hired Equipment Tech	Jason Luckenbach	Procurement Unit	Jason McDermot		
Communications Unit	John Brooks	Comp/Claims Unit	Joe Tapia		
Medical Unit	Jorge Segura	Cost Unit	Greg Belk		
Motel Tech Spec	Jacob Tomsich				
<b>Prepared By: Name:</b>	Buddy Bloxham	<b>Position/Title:</b>	PSC	<b>Signature:</b>	
<b>ICS 203</b>		<b>Date/Time:</b>	7/11/2017 2300 hours		



# INCIDENT WEATHER FORECAST



FORECAST NO: 3  
 PREDICTION FOR: DAY/NIGHT SHIFT  
 SHIFT DATE STARTS: Wednesday, July 12, 2017  
 FORECAST ISSUED: 1900 Tuesday, July 11, 2017

WALL FIRE  
 UNIT: BUTTE UNIT  
 SIGNED: Scott Weishaar  
 Incident Meteorologist

## WEATHER DISCUSSION:

### *...LITTLE CHANGE...*

Stable west flow aloft will continue over the area for the next couple of days. There will be little change in overall weather conditions during the operational period. The main concern will be gusty afternoon and early evening wind. Expect a gradual warming trend late in the week and into the first part of the weekend.

**WEDNESDAY:** Sunny. Areas of smoke in the morning.

TEMPERATURE: Below 1000ft 94-98F      Above 1000 ft 88-93F      TREND: NO CHANGE  
 HUMIDITY:      Generally 16-26%      TREND: NO CHANGE

### 20 FT WINDS:

**SLOPES/VALLEYS:** Up-slope to 6 mph in the morning then Up-slope/Up-valley 5-10 mph with gusts to 18 mph after 1400. Wind favoring S-SW.

**RIDGES:** Northeast to East 2 to 8 mph, switching to South to Southwest 6-10 mph with gusts to 20 mph in the afternoon.

**INVERSION:** Subsidence inversion mixing out by mid-morning.  
**TRANSPORT WIND:** Southwest 10-15 mph.  
**CWR:** 0 percent.  
**LAL:** 1

**WEDNESDAY NIGHT:** Clear. Areas of smoke.

TEMPERATURE: 65-70F.      TREND: NO CHANGE  
 HUMIDITY: 55-65%, but 45-55% ridges.

### 20-FOOT WIND:

**SLOPE/VALLEY:** Up-slope or South to Southwest 5-10 mph with gusts to 18 mph early then decreasing. Wind becoming East or downslope 2-7 mph by midnight.

**RIDGES:** South to Southwest 6-10 mph with gusts to 20 mph early then decreasing. Wind becoming Northeast to East 2-7 mph by midnight.

**TRANSPORT WIND:** Southwest 10-15 mph, shifting to Southeast 2-5 mph by midnight.

**OUTLOOK FOR THURSDAY:** Sunny. Areas of morning smoke.

TEMPERATURE: Below 1000ft 94-98F      Above 1000 ft 88-93F  
 HUMIDITY: 18-28%


### 20 FT WINDS:

**SLOPES/VALLEYS:** Up-slope/up-valley to 8 mph. Afternoon gusts to 15 mph.

**RIDGES:** South to Southwest 5-9 mph. Afternoon gusts up to 16 mph.

**INVERSION:** Inversion mixing out by 1000.  
**TRANSPORT WIND:** South 10-15 mph.  
**CWR:** 0 percent.  
**LAL:** 1

## FIRE BEHAVIOR FORECAST

<b>FORECAST NUMBER: 4</b>	<b>TYPE OF FIRE: WILDFIRE</b>
<b>FIRE NAME: WALL</b>	<b>OPERATIONAL PERIOD: JULY 12, 2017 24 HOUR</b>
<b>DATE ISSUED: JULY 11, 2017</b>	<b>TIME ISSUED: 1900</b>
<b>UNIT: CAL FIRE BUTTE UNIT</b>	<b>SIGNED: </b>
	<b>Typed/printed: TIM CHAVEZ</b>

### INPUTS

**WEATHER SUMMARY:**  
SLIGHTLY COOLER TEMPERATURES AND IMPROVED HUMIDITY. LONG DAYLIGHT PERIOD. SEE IMET FORECAST ATTACHED.

### OUTPUTS

#### FIRE BEHAVIOR

**GENERAL: BANGOR RAWES (BRUSH FUEL MODEL) ERC 27, BI 34, 1000 HOUR FM = 9%, 100 HOUR FM=6%, 10 HOUR FM=5% FINE DEAD FUEL MOISTURE = 4%.  
AVG ANNUAL RAINFALL 35", 2017 RAINFALL 50.75". PROBABILITY OF IGNITION 78% DURING DAYLIGHT HOURS. FUELS VERY RECEPTIVE TO SPOTTING. HEAVY LOADING OF FINE FUELS AND MANY DEAD STANDING AND DOWN LARGE DIAMETER FUELS INSIDE THE 2013 SWEDES BURN AREA. POTENTIAL SPOTTING DISTANCE 0.2 MILES.**

#### SPECIFIC:

**ALL BRANCHES**

**AREAS WHERE ADJACENT SLOPES ARE GRASS COVERED (ESPECIALLY WEST FACING) PRESENT A HAZARD TO SPOTTING. EVEN THOUGH THE WEATHER HAS MODERATED.**

**EVEN THOUGH RELATIVE HUMIDITY HAS DOUBLED AND TEMPERATURES ARE DOWN 10-15 DEGREES FROM THE FIRST TWO DAYS OF THIS FIRE, WE ARE STILL IN 'HIGH' OR 'VERY HIGH' FIRE DANGER CONDITIONS. QUICK IGNITION, RAPID BUILDUP, LONG DISTANCE SPOTTING AND FIRE TRANSITIONING TO CROWNS CAN ALL OCCUR WHEN HUMIDITY IS BELOW 30%. DANGEROUS BURNING CONDITIONS.**

**AIR OPERATIONS: SUNRISE 0550, SUNSET 2035. NO SMOKE OR VISIBILITY PROBLEMS ANTICIPATED**

### SAFETY

- **IF A SPOT FIRE OCCURS OR YOU ARE SENT TO AN INITIAL ATTACK NEW FIRE, REMEMBER TO ANCHOR IN AND FLANK.**
- **LONG TERM FATIGUE MAY BE SETTING IN, MONITOR YOUR FIREFIGHTERS.**
- **CONSIDER ALL STANDING DEAD OR GREEN TREES TO BE HAZARD TREES. IF YOU HAVE TO MOP UP UNDERNEATH ONE, POST A LOOKOUT AND HAVE AN ESCAPE PATH.**



# SAFETY MESSAGE

## WALL INCIDENT



Incident Name: WALL	Operational Period: Date From:07/12/17 Time From: 07:00	Date To:07/13/17 Time To: 07:00
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### **SEVERAL NEW FIRES ARE STARTING DAILY** **REMAIN FOCUSED AND AVOID COMPLACANCY**

- Many accidents happen during the mop up phase, wear proper PPE, watch for stump holes and ash-hidden hazards.
- Receptive fuel beds are all around you, there is a high potential for spot fires, plan your exit strategy accordingly.
- As backhaul operations begin use proper lifting techniques, utilize vehicles for hauling whenever possible.
- Radio frequencies will be changing, follow the communications plan and clone when needed.
- No PPE allowed in the feeding areas. Wash hands regularly and always before entering the eating areas.
- If personnel become fatigued but it does not constitute a medical emergency, use fire-line paramedics for evaluation and rehab in a shaded area.
- Be cautious of any marijuana grows in the areas you are working.
- Repopulation has begun and some road closures lifted be extra careful driving and keep headlights on.

**IF IT'S PREDICTABLE, IT'S PREVENTABLE!**

Site Safety Plan Required? Yes  No


Prepared by: Name(s): Joe Buchmeier SOF1 / Josh Janssen SOF1 (T)

ICS 208

Date/Time: July 11, 2017 21:00





Incident Name: <b>Wall</b>		Incident Number: <b>CABTU10975</b>
Date/Time Prepared: Date: 07/10/17      Time: 1900		Operational Period:    Date From: 07/12/17    Date To: 07/13/17 Time From: 0700      Time To: 0700
Incident Area	Hazards/Risks	Mitigations
ALL	STEEP TERRAIN	- POST LOOKOUTS - WATCH FOOTING - ADJUST OPERATIONS
ALL	NARROW ONE WAY ROADS	- HEADLIGHTS ON - SLOW DOWN
ALL	FATIGUE, CREWS HAVE BEEN RUNNING MULTIPLE INCIDENTS PRIOR TO THIS ONE	- MAINTAIN PROPER WORK REST CYCLES - DOCUMENT ON ICS-214
ALL	HYDRATION AND HIGH TEMPERATURES	- MAINTAIN 3 WATERS TO 1 ELECTROLYTE RATIO
ALL	FIRELINE SUPPRESSION REPAIR	- CAUTION WORKING AROUND HEAVY EQUIPMENT
ALL	MOP UP OPERATIONS, STUMP HOLES, HIDDEN HAZARDS	- WEAR PROPER PPE - MAINTAIN SITUATIONAL AWARENESS
ALL	BACKHAUL WORKLOAD, 153,000 FEET OF HOSE TO REMOVE	- USE PROPER LIFTING TECHNIQUES - UTILIZE VEHICLES WHEN POSSIBLE
ALL	IN CAMP MOVEMENT OF VEHICLES IN DEMOB PROCESS	- ALWAYS DO WALK AROUND, SECURE ALL LOOSE GEAR.
ALL	DROUGHT STRESSED TREES	- BE CAUTIOUS OF WHERE YOU ARE TAKING SHADED BREAKS
ALL	COMMUNICATIONS	- FOLLOW THE COMM PLAN - BE SURE TO CLONE RADIOS
BASE / HOTELS	SECURITY AT INCIDENT BASE & HOTELS	- PLACE SECURITY AT ENTRANCE AND EXITS - REMOVE VALUABLES FROM VEHICLES AT HOTELS
ALL	RE-POPULATION IN PROGRESS	- BE CAUTIOUS DRIVING AND WORKING IN RE-POP AREAS
Prepared by: Joe Buchmeier SOF1, Josh Janssen SOF 1 (T)		
ICS 215A		



# DEMOBILIZATION SAFETY MESSAGE



On Behalf of CAL FIRE Incident Management Team 6 we would like to thank you for your assistance. We wish you safe travels home or to your next assignment. Below are a few reminders to make your trip safer:

- Conduct walk around before driving.
- Check for and secure all loose items (ie: tools, hose, and packs).
- Wear seat belts at all times.
- Monitor all drivers for fatigue,
  - Switch drivers regularly if possible.
  - Find a safe place to stop, exit the vehicle and stretch.
  - If all else fails, stop and take a short rest to revitalize.
- Obey Posted Speed Limits.
- Ensure Personnel have adequate nutrition and hydration for the trip.
- Be prepared for the next incident.

**Thank you again for your safe hard work!**

JOE BUCHMEIER SOF1

JOSH JANSSEN SOF1 (T)












## ASSIGNMENT LIST (ICS 204)

<b>1. Incident Name:</b> WALL		<b>2. Operational Period:</b> Date From: 07/12/17      Date To: 07/13/17 Time From: 0700      Time To: 0700				<b>3.</b>  Branch: <b>Supp Repair</b> Div/Group: <b>Supp Repair</b>	
<b>4. Operations Personnel:</b> Operations Section Chief: <b>Mike Blankenheim</b> Night Ops: <b>Tim Ernst / Ron Roberts</b> Branch Director: Division/Group Supervisor: <b>Dave Derby / Tim Collins</b>							
<b>5. Resources Assigned:</b>		Resource Identifier	Leader	Number of Personnel	Request #	Reporting Location, Special Equipment, Remarks, Notes, and Information Time      Location	
CRW OC Forestry Inc*			Ordonez, Mario	16	C-33	0700-1900	
CRW Pacific Coast Contracting Inc*			Gomez, Tomas	20	C-34	0700-1900	
DOZ PVT E-67*				2	E-67	0700-1900	
DOZ PVT E-71*			Miller, Harold	1	E-71	0700-1900	
EXC PVT E-324*			Matt Swank	1	E-324	0700-1900	
W/T BTC 25*				1	E-24	0700-1900	
W/T PVT E-37*			Lawrence, Bruce	1	E-37	0700-1900	
HEQB AGUILERA O-188*			Guillermo, Manuel	1	O-188	0700-1900	
HEQB NIEDERBERGER O-187*			Niederberger, Hans J	1	O-187	0700-1900	
HEQB RAMEY O-112*			Ramey, Josh	1	O-112	0700-1900	
FOBS GALLARDO O-36*			Gallardo, Richard J	1	O-36	0700-1900	
FOBS CLEMENS O-73*			Clemens, Orion	1	O-73	0700-1900	
FOBS NOYES O-71*			Noyes, Colin J	1	O-71	0700-1900	
FOBS COBB O-35*			Cobb, Matthew	1	O-35	0700-1900	
<b>6. Work Assignments:</b> Implement the incident fire suppression repair plan.							
<b>7. Special Instructions:</b>							
*12 Hour Group*							
<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
NIFC C11	6	COMMAND	170.6875		166.5750	131.8 (T3)	ALL DIVISIONS
CDF T26	8	TACTICAL	159.2925	192.8 (T16)	159.2925	192.8 (T16)	
CALCORD	15	MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)	MEDICAL COORDINATION
CDF T18	14	AIR TO GROUND	159.3450	192.8 (T16)	159.3450	192.8 (T16)	
GUARD	16	EMERGENCY	168.6250	0.0	168.6250	110.9	EMERGENCY USE ONLY
<b>9. Prepared by: Name:</b>		Leonel Plata		<b>Pos/Title:</b> RESL		<b>Signature:</b> 	
<b>ICS 204</b>		Date/Time: 7/11/2017		2300 hours			









## MEDICAL PLAN (ICS 206)

<b>1. Incident Name:</b> <p style="text-align: center; font-weight: bold;">WALL</p>	<b>2. Operational Period:</b> Date From: 7/11/17    Date To: 7/12/17 Time From: 0700    Time To: 0700
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3. Medical Aid Stations:			
Name	Location	Contact Number/Freq	Paramedics
MERT	ICP	(530) 310-4921	<input type="checkbox"/> No

4. Transportation (indicate air or ground):			
Ambulance Service	Location	Contact Number	Level of Service
Butte County EMS	Swedes Staging	(530) 332-7050	ALS


5. Hospitals:								
Hospital Name	Address,		Contact Number(s)/ Frequency	Travel Time		Trauma Center	Burn Center	Helipad
	Lat & Long Helipad			Air	Ground			
Oroville Hospital	2767 Olive Hwy, Oroville, CA 95966		(530) 533-8500	5	25	Level 3	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes
Enloe Medical Center	1531 Esplanade, Chico CA 95926		(530) 332-7300	20	55	Level 2	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes
University of California- Davis Medical Center	2315 Stockton Blvd. Sacramento		(916) 734-2011	40	100	Level 1	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes

6. Special Medical Emergency Procedures	
<p><b>Line Emergency</b> Crew Supervisor will contact Division Supervisor with patient complaint/condition and location.</p> <p>- Division Group Supervisor Contacts:</p> <ol style="list-style-type: none"> <li>1. Closest EMS resource</li> <li>2. Communications Unit</li> </ol> <p>- Communications Unit Contacts:</p> <ol style="list-style-type: none"> <li>1. Ground or Air ambulance as requested</li> <li>2. Operations</li> <li>3. Safety</li> <li>4. Medical Unit</li> </ol> <p>- Division Supervisor or designee will serve as point of contact and run medical emergency on assigned channel.</p> <ol style="list-style-type: none"> <li>1. A pre-assigned tactical frequency (i.e. CALCORD) should be used for IWI and only for duration of the emergency.</li> </ol> <p>- Communications Unit will clear the Command channel for emergency traffic as needed for duration of the need.</p> <p><b>Camp Emergency</b> Contact Medical Unit with patient complaint/condition and location. Medical staff will respond to stabilize the patient.</p> <p>- Medical Unit contacts</p> <ol style="list-style-type: none"> <li>1. Communications</li> <li>2. Safety</li> <li>3. Logistics</li> <li>4. Operations</li> <li>5. Crew Supervisor</li> <li>6. Comp/Claims</li> </ol>	<p><b>Injury Reporting Procedures</b></p> <p>Nature of Injury: _____</p> <p>Location of Patient: _____</p> <p>Point of Contact: _____</p> <p>Transportation Requested by: Air _____ Ground _____</p> <p>Point of Pick-Up: _____</p> <p style="padding-left: 40px;">Lat: _____ Long: _____</p> <p>Patient Unit ID: _____</p> <p>Is an EMT with Patient: Yes _____ No _____</p> <p>Age: _____ Sex: Male _____ Female _____</p> <p style="text-align: center; font-weight: bold;">All Emergencies - Secure the area and identified witnesses for later investigation. Keep accurate log of events.</p>

Check box if aviation assets are utilized for rescue. If assets are used, coordinate with Air Operations.

<b>7. Prepared by (Medical Unit Leader): Name: Jorge Segura MEDL/IMT6</b>	Signature:
<b>8. Approved by (Safety Officer): Name: Joe Buchmeier SOF1/IMT6</b>	Signature:
<b>ICS 206</b>	Date/Time: _____

# ICS 205 - INCIDENT RADIO COMMUNICATIONS PLAN

<b>1. Incident Name:</b> WALL		<b>2. Date/Time Prepared</b> Date: 07/11/2017 Time: 1830		<b>3. Operational Period:</b> Date From: 07/12/17 Time From: 0700 Date To: 07/13/17 Time To: 0700					
<b>4. Communications</b>									
Ch#	Function	Name	Assigned To	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes	
1									
2									
3									
4	COMMAND	NIFC C3	ALL DIVS	168.0750		170.4250	131.8 (T3)	DIVS A/C/E/G/P	
5	COMMAND	NIFC C12	ALL DIVS	173.0375		167.3250	131.8 (T3)	DIVS L/I/H	
6	COMMAND	NIFC C11	ALL DIVS	170.6875		166.5750	131.8 (T3)	ALL DIVISIONS	
7	TACTICAL	VFIRE 24	DIV A/C	154.2725	156.7 (T6)	154.2725	156.7 (T6)		
8	TACTICAL	CDF T26	SUPPRESSION REPAIR	159.2925	192.8 (T16)	159.2925	192.8 (T16)		
9	TACTICAL	CDF T27	DIV P	159.3075	192.8 (T16)	159.3075	192.8 (T16)		
10									
11	TACTICAL	NIFC T7	DIV I/L	168.2500		168.2500			
12	TACTICAL	NIFC T6	DIV H	166.7750		166.7750			
13									
14	AIR TO GROUND	CDF T18	ALL DIVS	159.3450	192.8 (T16)	159.3450	192.8 (T16)		
15	MEDICAL	CALCORD	ALL DIVS	156.0750	156.7 (T6)	156.0750	156.7 (T6)	MEDICAL COORDINATION	
16	EMERGENCY	GUARD	EMERGENCY	168.6250	0.0	168.6250	110.9	EMERGENCY USE ONLY	
17									
18									
19									
20	EMERGENCY	GUARD	EMERGENCY	168.6250	0.0	168.6250	110.9	EMERGENCY USE ONLY	
<b>5. Special Instructions</b>									
<b>6. Prepared by (COML): Name:</b>		John Brooks COML IMT#6		<b>Signature:</b>					
ICS 205				<b>Date/Time:</b>		07/11/17 1830			



# **TRAINING MESSAGE**

## **ATTENTION TRAINEE'S**

**IF YOU KNOW THAT YOU ARE BEING  
DEMOBED, PLEASE SEE TRAINING  
PRIOR TO STARTING DEMOB PROCESS  
TO CLOSE OUT YOUR PAPERWORK**

**If you have not checked in, please do so ASAP!**

**DEADLINE IS THURSDAY 7/13 @ 1000 HRS**

**Training is located in the trailer next to DEMOB**

**Raymon Mitchison  
213-434-2494**

**Incident Trainee/Trainer Data Form  
Wall Incident CA-BTU-010975**

Training Specialist: \_\_\_\_\_

- All Incident trainees, including those on Firefighting Modules at your earliest opportunity complete this form and see the Training Specialist.
- Prior to or as you process through DEMOB, remember to close your training package. To close your training package bring: 1) A performance rating from your trainer. (ICS 225)  
2) Your task book that has as many entries as possible by your Trainer.

**Trainee Data**

Trainee Name: \_\_\_\_\_ ICS Trainee Position: \_\_\_\_\_

Request # (A,C,E, or O): \_\_\_\_\_ Agency Designator ( Ex. CA-RRU): \_\_\_\_\_

Ordered as Trainee? Y N                      Priority Trainee \_\_\_\_\_ Local Forest Trainee \_\_\_\_\_ IMT Trainee

Date Assigned: \_\_\_\_\_ Cell / Contact # While on Incident: \_\_\_\_\_

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**Training Records Mailed To: (Fire Chief, Training Officer):**

Name: \_\_\_\_\_ Title \_\_\_\_\_

Name of Agency/Unit: \_\_\_\_\_

Agency/Unit Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_ Phone: \_\_\_\_\_

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**Trainee Prerequisites**

1. Possesses valid Qualification Card or agency certification card? \_\_\_\_\_ Yes \_\_\_\_\_ No

2. Trainee has current position task book issued by home unit? \_\_\_\_\_ Yes \_\_\_\_\_ No

Current Task Book Progress (Circle)    0%    25%    50%    75%    90%

Priority Open Task in PTB (What do you need to accomplish on this incident?)

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**Trainer/Evaluator Data**

Trainer / Evaluator Name: \_\_\_\_\_ ICS position on fire: \_\_\_\_\_

Home Unit: \_\_\_\_\_ Agency Designator (Ex CA-RRU): \_\_\_\_\_

Request # (A,C,E,O): \_\_\_\_\_

Work Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Cell / Contact While on Incident: \_\_\_\_\_





# CAL FIRE INCIDENT MANAGEMENT TEAM 6



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## DEMOBILIZATION PLAN - SUMMARY

### Wall Incident CA-BTU-010975

### 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

- **NO RESOURCES WILL LEAVE THE INCIDENT UNTIL AUTHORIZED TO DO SO BY THE DEMOBILIZATION UNIT.**
- Efforts will be made to ensure that all released personnel arrive at their destination prior to 2200 hours. Resources not able to arrive at their destination by 2200 hours may need to arrange to rest overnight.
- All government and hired vehicles leaving the incident will have a safety inspection.
- 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.
- All incident personnel will receive and read the DMOB Safety Message before departing.

### RESPONSIBILITIES

Unit Leaders will declare resources excess to their Section Chief. Section Chiefs will declare excess resources to the Plans Section Chief through the Resources Unit Leader. This should be done 36 hours in advance of anticipated release. Use the Declaration of Excess Resources Form or General Message Form (ICS-213) to list all excess resources. Include the Request #, ICS position, Name/ID, 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. Only Surplus resources will report to the DEMOBILIZATION 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 resources
6. Within Region Cal Fire resources
7. Unit CAL FIRE resources

### TRAVEL INFORMATION

All resources will meet their agency specific requirements on hours of travel per day.



# CAL FIRE INCIDENT MANAGEMENT TEAM 6



## Wall Incident CA-BTU-010975 Tentative Demob Schedule 7/12/17

Req #	Resource ID	Time	Req #	Resource ID	Time
E-92	STC XSJ 4177C	7:00	E-35	W/T PVT FRONTERA	8:00
C-32	CRW ORS EARTH IND.	7:00	O-29	BRAIN GIBILISCO	8:00
O-169	JIM UNDERWOOD	7:00	O-164	SHAWN RALEY	8:00
E-39	W/T PVT LONESTAR	7:00	E-89	STC XTB 4226C	8:30
E-40	W/T PVT LONESTAR	7:00	O-16	EDWARD BOONTJER	8:30
E-91	STC XCA 4053C	7:30	E-133	STC OES 2870C	9:00
E-34	W/T PVT BUCK INC.	7:30	E-90	STC XSA 4151C	9:30
O-183	DAN BONFANTE	7:30	E-88	STC XNE 4100C	10:00
O-227	ROD POTTS	7:30	C-11	STG LMU 9227 G	11:00
E-42	STC KNF 3600C	8:00	C-36	STG HUU 9126G	11:30

# eFC-33 INITIAL INPUT FORM

1 2 3 4 5 6 7

Overhead: complete one form per person.  
All Others: complete one form per vehicle.

Request Number

State	Agency	Incident Number	Incident Name	Incident Index Code	Incident PCA Code
CA					

Resource	Strike Team	Resource ID - Fire Assignment	Home Station / Office Location
S T	9 3 2 5 C	E-3499	PASO ROBLES

YOUR NORMAL DUTY SCHEDULE	24 Hr 8-8	24 Hr 7-7	Other	One Box
	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>

Portal to Portal?	<input checked="" type="checkbox"/>
-------------------	-------------------------------------

YOUR AGENCY	CAL FIRE
-------------	----------

HOME UNIT	S L U

COMMIT	
RELEASE	

YOUR CELL PHONE #	
-------------------	--

PERSONNEL	Schedule		First Name	Rank or Classification	# of Regular Duty Scheduled Hours per Day									
	A	B			Mon	Tue	Wed	Thu	Fri	Sat	Sun			
EMPLOYEE 1														
EMPLOYEE 2														
EMPLOYEE 3														
EMPLOYEE 4														
EMPLOYEE 5														
EMPLOYEE 6														
	<input checked="" type="checkbox"/> One Box		Johnson	FC								24	24	24

VEHICLE	Schedule		Radio ID	Kind of Vehicle	ID No/X No
	A	B			
VEHICLE 1					
VEHICLE 2					
	<input checked="" type="checkbox"/> One Box		E-3499	FTH	
					0 2 1 2 3

Chainsaw Quantity:  Portable Pump?

Put a Dozer and it's Transport on a single form. All others, use one form per individual vehicle.

### ADDITIONAL INFO



# FC-33 DAILY UPDATE

# 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 #:					

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>WALL</b>		Incident Number <b>CABTU 010975</b>	Request Number <b>E or S # Here</b>		Contractor Name <b>H2O DUDE</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>			Operator #2 <b></b>						
Serial Number <b>1XP3ESMP14239012</b>		Licence Number <b>55555555</b>			Operator Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government						
Equipment Use (Circle) <b>Hours</b> / Days / Miles					Operating Supplies Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government						
Date	Start	Stop	Work	Assignment	Equipment Status <input checked="" type="checkbox"/> Inspected <input checked="" type="checkbox"/> Under Agreement						
8/3	0700	1900	12	DIV Z	<input type="checkbox"/> Released by Government						
8/4	1900	2400	5	OFF SHIFT	<input type="checkbox"/> Withdrawn by Contractor						
8/4	0001	0700	7	OFFSHIFT	Remarks/Comments ** <b>ONE OPERATOR NO DAMAGE/ NO CLAIMS</b>						
Vendor Rating					Govt. Rep. Name and Position - PRINT <b>Mike Weber</b>						
<table border="1"> <tr> <td>Poor*</td> <td>Avg.</td> <td>Good</td> <td>Exc.</td> <td>N/A</td> </tr> </table>					Poor*	Avg.	Good	Exc.	N/A	Govt. Rep. Signature <i>Mike Weber</i>	
Poor*	Avg.	Good	Exc.	N/A							
Met Performance Expectations					Contractor Signature <i>Bob Smith</i>						
Equipment in Safe Working Condition					Date <b>08/04/15</b>						
Operator Skill Level					Time <b>0800</b>						
Operates Safely					Date <b>08/04/15</b>						
Operator's Cooperation Level					Time <b>0800</b>						
Overall Performance					CALFIRE 297 (Rev 3-2011)						
<p>* NOTE: Any rating of POOR requires an explanation in Comment Section.</p> <p>**Final evaluation or for more documentation, use an ICS Form 230 or equivalent.</p>											
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					Contractor Name <b>WATER GUY</b>						
Incident or Project Name <b>WALL</b>		Incident Number <b>CABTU 010975</b>	Request Number <b>E OR S # Here</b>		Operator #1 <b>BOB SMITH</b>						
Agreement Number <b>XXX - 000000 - 00</b>					Operator #2 <b>BILL SMITH</b>						
Equipment Make <b>PETERBUILT</b>		Equipment Model / Type <b>WATER TENDER 2500 + GAL</b>			Operator Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government						
Serial Number <b>1XP3ESMP14239012</b>		Licence Number <b>99999999</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	Start	Stop	Work	Assignment	<input type="checkbox"/> Released by Government						
8/3	0700	2400	17	DIV M	<input type="checkbox"/> Withdrawn by Contractor						
8/4	0001	0700	7	DIV M	Remarks/Comments ** <b>2 OPERATORS NO DAMAGE/ NO CLAIMS</b>						
Vendor Rating					Govt. Rep. Name and Position - PRINT <b>Mike Weber</b>						
<table border="1"> <tr> <td>Poor*</td> <td>Avg.</td> <td>Good</td> <td>Exc.</td> <td>N/A</td> </tr> </table>					Poor*	Avg.	Good	Exc.	N/A	Govt. Rep. Signature <i>Mike Weber</i>	
Poor*	Avg.	Good	Exc.	N/A							
Met Performance Expectations					Contractor Signature <i>Bob Smith</i>						
Equipment in Safe Working Condition					Date <b>08/04/15</b>						
Operator Skill Level					Time <b>0800</b>						
Operates Safely					Date <b>08/04/15</b>						
Operator's Cooperation Level					Time <b>0800</b>						
Overall Performance					CALFIRE 297 (Rev 3-2011)						
<p>* NOTE: Any rating of POOR requires an explanation in Comment Section.</p> <p>**Final evaluation or for more documentation, use an ICS Form 230 or equivalent.</p>											
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>WALL</b>		Incident Number <b>CABTU 010975</b>	Request Number <b>E # Here</b>		Contractor Name <b>H2O DUDE</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>			Operator #2 <b></b>	
Serial Number <b>1XP3ESMP14239012</b>		Licence Number <b>55555555</b>			Operator Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government	
Equipment Use (Circle) <b>Hours</b> Days / Miles					Operating Supplies Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government	
Date Mo / Day		Start	Stop	Work	Equipment Status <input checked="" type="checkbox"/> Inspected <input checked="" type="checkbox"/> Under Agreement	
8/3		0001	700	7	Released by Government <input type="checkbox"/>	
8/3		0700	1900	12	Withdrawn by Contractor <input type="checkbox"/>	
8/4		1900	2400	5	Remarks/Comments ** <b>1 OPERATOR NO DAMAGE/ NO CLAIMS</b>	
Vendor Rating					Govt. Rep. Name and Position - PRINT <b>Mike Weber</b>	
		Poor*	Avg.	Good	Exc.	N/A
Met Performance Expectations		<b>Vendor Rating must be done.</b>			Govt. Rep. Signature <i>Mike Weber</i>	
Equipment in Safe Working Condition					Contractor Signature <i>Bob Smith</i>	
Operator Skill Level					Date <b>08/04/15</b>	
Operates Safely					Time <b>0800</b>	
Operator's Cooperation Level					CALFIRE 297 (Rev 3-2011)	
Overall Performance						
* NOTE: Any rating of POOR requires an explanation in Comment Section.						
**Final evaluation or for more documentation, use an ICS Form 230 or equivalent.						
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					Contractor Name <b>EXCAVATOR COMPANY</b>	
Incident or Project Name <b>WALL</b>		Incident Number <b>CABTU 010975</b>	Request Number <b>E # Here</b>		Operator #1 <b>BOB SMITH</b>	
Agreement Number <b>XXX - 000000 - 00</b>					Operator #2 <b></b>	
Equipment Make <b>CAT</b>		Equipment Model / Type <b>EXCAVATOR F900</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	Released by Government <input type="checkbox"/>	
8/3		0001	700	7	Withdrawn by Contractor <input type="checkbox"/>	
8/3		0700	1900	12	Remarks/Comments ** <b>1 OPERATOR NO DAMAGE/ NO CLAIMS</b>	
8/4		1900	2400	5	Govt. Rep. Name and Position - PRINT <b>Mike Weber</b>	
Vendor Rating					Govt. Rep. Signature <i>Mike Weber</i>	
		Poor*	Avg.	Good	Exc.	N/A
Met Performance Expectations		<b>Vendor Rating must be done.</b>			Contractor Signature <i>Bob Smith</i>	
Equipment in Safe Working Condition					Date <b>08/04/15</b>	
Operator Skill Level					Time <b>0800</b>	
Operates Safely					CALFIRE 297 (Rev 3-2011)	
Operator's Cooperation Level						
Overall Performance						
* NOTE: Any rating of POOR requires an explanation in Comment Section.						
**Final evaluation or for more documentation, use an ICS Form 230 or equivalent.						
Pink - Finance		Blue - Home Unit HE Coordinator		Yellow - Vendor		White - Govt Representative

**Turn shift tickets into Finance.**

STATE OF CALIFORNIA  
 DEPARTMENT OF FORESTRY AND FIRE PROTECTION  
 PROPERTY CERTIFICATION OF LOCATION OR DAMAGE  
 CERTIFICATE OF RESPONSIBILITY FOR INCIDENT OCCURRENCE  
 CAL FIRE-101 page 1 of 2 (1/07)

**Incident#:**  
**Request #:**

DOC. NUMBER:

LOCATION / INCIDENT NAME: INCIDENT NUMBER: UNIT: REGION: DATE:

THE FOLLOWING ARTICLES WERE: (broken, left on line, damaged, or other) DATE OF OCCURANCE:

QUANTITY	UNIT OF MEAS.	CAL FIRE STOCK NUMBER (COMPLETE WHENEVER ASSIGNED)	DESCRIPTION (INDICATE SIZE, MAKE, MODEL, TYPE, ETC., TO CLEARLY DESCRIBE THE ITEM, PROVIDE ADEQUATE DATA TO EFFECTIVELY IDENTIFY EQUIPMENT OR PROPERTY.)	PROPERTY NUMBER

**DIV: \_\_\_\_\_ Div's Name: \_\_\_\_\_**  
**Div. Signature: \_\_\_\_\_**  
 Attention Division Group Sup., by signing you are authorizing the above items to be replaced by the Supply Unit and / or Fire.

LOCATION OF ITEMS:

REMARKS:

SIGNATURE OF PERSON CERTIFYING OCCURANCE AS DESCRIBED			
SIGNATURE:	PRINTED NAME:	TITLE:	DATE:
<b>UNIT SUPERVISOR'S APPROVAL</b>			
COMMENTS:			
SIGNATURE OF UNIT ADMINISTRATOR:		TITLE:	DATE:

## EMERGENCY FIRE SUPPRESSION REPAIR PLAN - WALL 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 caused by the fire. We cannot upgrade facilities beyond their pre-fire condition. Fire suppression repair shall be applied to mitigate infrastructure damage and natural resource damage.

**Infrastructure Damage:** Culverts and other watercourse crossings, water sources, trails, road barriers removed for fire access, trash, debris and supplies left by fire suppression activities; miscellaneous.

**Natural Resource Damage:** Repair of existing problems caused by fire suppression activities (direct effect) to natural resources and to prevent likely future problems such as accelerated erosion caused by rains (indirect effect). The goal is to minimize soil erosion, adverse impacts to water quality, and adverse impacts to protected species of plants and animals

### REPAIR GUIDELINES

**General:** Restore berms and barriers removed for fire control access.

**Drop Points/Staging Areas/Safety Zones:** New construction - cross drain and abandon (if applicable). Existing - repair to original condition, remove debris resulting from use. Pick up all trash.

**Roads:** Reshape soil surfaced roads that were used during fire control operations. Roads should be out-sloped with rolling dips where degradation of the road prism has resulted from fire control operations. Clean out culvert inlets and outlets as needed. Report any damaged culverts to the Fire Suppression Repair Specialist for specific repair guidance. Breach berms, where appropriate, to facilitate drainage. Water and wheel-pack any roads that have had the running surface destabilized by fire suppression activities.

**Firelines:** Break apart dozer piles of pushed over trees, vegetation and soil, and spread along tractor roads, tractor fire breaks, or any other areas disturbed during fire suppression activities. Lop and scatter displaced vegetation to a height of less than 30 inches or chip within 100' of a gravel road or structure. Scatter the lopped material along the fire line. Pull back any excess soil material sidecast along roads or tractor disturbed areas that are located within 100 feet of any watercourse or spring. Install waterbreaks on all constructed or used dozer lines using the following criteria:

Fireline and road gradient (%):	<u>0-30</u>	<u>31-50</u>	<u>&gt;50</u>
Fireline waterbreak spacing:	100'	75'	50'
Road waterbreak spacing:	150'	100'	75'

Waterbreaks and/or rolling dips shall be used to reduce the volume and velocity of water by directing it off fire lines as soon as possible at controlled locations. The outfall end of all waterbreaks shall be opened by hand if necessary. Waterbreaks should be located to discharge into natural vegetation. Waterbreaks should cross the fire line at an angle of approximately 45 degrees.

**Waterbreak installation on roads will be conducted in consultation with landowners.**

**Handlines:** All waterbreaks shall be installed diagonally with a minimum cut of 4" into existing grade, and minimum height of 8". Waterbreaks shall be constructed to allow for drainage at the discharge end into non-erodible material.

Fireline and road gradient (%):	<u>0-30</u>	<u>31-50</u>	<u>&gt;50</u>
Handline waterbreak spacing:	75'	50'	25'

**Slash Piles:** Piles within 100' of permanent structures or public or un-gated private roads will be lopped and/or scattered within 30' of the soil surface or chipped. Scatter smaller debris where applicable.

**Watercourse Crossings:** All slash, soil, and debris deposited into watercourses resulting from fire suppression activities shall be removed and stabilized above the high-water line. Where fire lines are constructed within 100' of flowing watercourses, slash mulching will be applied. All loose soil must be pulled away from the watercourse and stabilized.

**Archaeological or Historic Sites:** All potential sites shall be avoided. Contact Rehabilitation Specialist.

**Other Repair Concerns:** Remove all trash from the fire lines and other affected areas.







# STRUCTURE DEFENSE GUIDE

## STRUCTURE TRIAGE DECISION PROCESS (S-FACTS)

### SURVIVAL

- Initial Assessment: can you survive here? **If not, LEAVE NOW!**
- Is there a Safety Zone nearby? **If not, LEAVE NOW! (IRPG)**
- Do you have a viable Escape Route?
- What is the decision point at which you will leave based on fire behavior and rate of spread?
- Is there a Temporary Refuge Area (TRA) on site? **If not, LEAVE NOW!**
  - Preplanned area for immediate, temporary refuge
    - Use of fire shelter should not be necessary
  - Is there a viable Escape Route to the TRA or Safety Zone?
- Is "Prep and Go" tactic an option?
- Do you have communications with your supervisor and adjoining forces?
- If safety issues cannot be mitigated, **LEAVE NOW!**

### FIRE ENVIRONMENT

- Can you survive based on current and expected fire behavior? **If not, LEAVE NOW!**
- Look up, Look Down, Look Around Indicators:
  - Fuels (characteristics, moisture, temperature)
    - What will the intensity of the fire be when it arrives?
    - How long will it take to consume the fuels?
  - Wind
    - Current speed/direction
    - Expect changing winds
  - Terrain
    - Are you in a chute, chimney, or saddle? **If yes, LEAVE NOW!**
    - Is wind in alignment with topography?
    - What is your position relative to topography?
    - Are you mid slope or on top of a ridge?
  - Atmospheric Stability
  - Fire Behavior (requires constant monitoring)
    - Spotting, crowning, sheeting, rate of spread?
    - Flame length and height?
- Other weather considerations:
  - What is the current relative humidity?
    - Is there an expected change?
  - Are thunderstorms forecasted?

### ACCESS

- Is access compatible with time and distance factors necessary to utilize as an Escape Route to a Safety Zone?
  - Road surface adequate for speed necessary?
  - Adequate width?
  - Turnaround/turnouts?
  - Bridges within limits for fire apparatus?
  - Drainage ditches/culverts?
  - Steep grades?
  - Is there a safe place to spot apparatus?

## CONSTRUCTION/CLEARANCE

- Does the structure have adequate defensible space, based on topography, fuels, and current and expected fire behavior?
- Can defensible space problems be mitigated quickly?
- Will building materials and yard clutter compromise safety?
- Is the construction wood siding or shake shingle roof?
- Are there vent openings, open eaves, large glass windows facing fire front, decks with vegetation below?
  - Will ember intrusion through attic or foundation vents be a problem?
- What are the contents in the garage and outbuildings?
- Are there hazardous materials present?
- Are there propane tanks, fuel tanks, or power lines?
- Is there an adequate water supply nearby?
- Are additional resources needed to mitigate issues?
- Consider "Prep and Go" or "Prep and Defend" tactics

## TIME CONSTRAINTS

- Is there time for an adequate size up of the structure defense problem?
- Is there time to mitigate safety concerns?
- Is there time and adequate resources to properly prepare and defend the structure?
- Is there time to escape, utilizing Escape Routes, to a Safety Zone? **If not, LEAVE NOW!**

## STAY OR GO

- Tactical decision based on the S-FACTS
- Is it safe to stay? If no, utilize "Check and Go" tactic
- Is there time to prepare the structure for defense and what will the fire behavior be when the fire gets here?
- "Prep and Go" or "Fire Front Following" tactics should be used when it is not safe to "Prep and Defend"

## STRUCTURE TRIAGE CATEGORIES

### Not-Threatened

- Safety Zone nearby and TRA present at structure
- Construction features/defensible space make the structure unlikely to ignite
- Residents may/may not have evacuated

### Threatened Defensible

- Safety Zone nearby and TRA present at structure
- Construction features/defensible space require structure defense tactics during fire front impact
- Residents may/may not have evacuated

### Threatened non-Defensible

- Lack of adequate Safety Zone nearby
- Structure cannot be safely defended
- Residents must be evacuated

## ENTRAPMENT AVOIDANCE

- Are you adhering to the **10 Standard Firefighting Orders?** (IRPG)
- Have you considered the **18 Situations that Shout Watch Out?**
- Have you considered the **Common Denominators of Fire Behavior on Tragedy Fires?** (IRPG)
- Are you maintaining LCES? (IRPG)
- Look Up, Look Down, Look Around (IRPG)
- Have Decision Points ("Trigger Points") been established?
- Conduct Risk Management (IRPG)
  - Situational Awareness – Hazard Assessment – Hazard Control – Decision Point – Evaluate

## STRUCTURE DEFENSE TACTICAL ACTIONS

- **Check & Go** – Most appropriate action when no Safety Zone/TRA is present and fire front impact is imminent. Conduct rapid evaluation to check for occupants and evaluate for follow up action. **LEAVE promptly.**
- **Prep & Go** – Structure preparation can be safely completed prior to fire front impact. Potential fire activity is too dangerous to remain and/or there is no Safety Zone/TRA present. **LEAVE before escape routes are compromised.**
- **Prep & Defend** – Appropriate when a Safety Zone is nearby and TRA is present. Adequate time exists to prepare the structure for defense prior to fire front impact. Escape routes must be maintained.
- **Fire Front Following** – Follow-up tactic after passage of the fire front. Involves searching for victims, perimeter control, hot spotting, and ember control.
- **Bump & Run** – Resources move ahead of the fire front extinguishing spot fires and defending structures. Utilize extreme caution.
- **Anchor & Hold** – Resources use large volume fire streams to extinguish structure fires, stop structure-to-structure ignitions, protect exposures, and control embers.
- **Tactical Patrol** – Resources remain mobile and continuously monitor assigned area after fire front passage. Involves aggressive mop up around structures.

*Structure defense tactics are a vital part of perimeter control operations.*

- *Stopping fire spread significantly eliminates the fire's threat to structures.*
- *Connect contained points along the fire's perimeter – typically near the structures at risk ("Connect the Dots").*
- *Perimeter control and structure defense should be done concurrently.*

## LEVELS OF ENGAGEMENT

### Consider **PACE**

- **P**Primary Plan (Offense)
  - Focused on firefighter safety and objectives
- **A**lternate Plan (Offense)
  - Fallback plan that closely resembles primary plan
- **C**ontingency Plan (Defense)
  - Focused on firefighter safety, move to a safety zone, temporary refuge areas
- **E**mergency Plan (Defense)
  - Firefighter survival
    - Deployment zones/Refuge areas
    - Fire shelters

### Consider **DRAW-D**

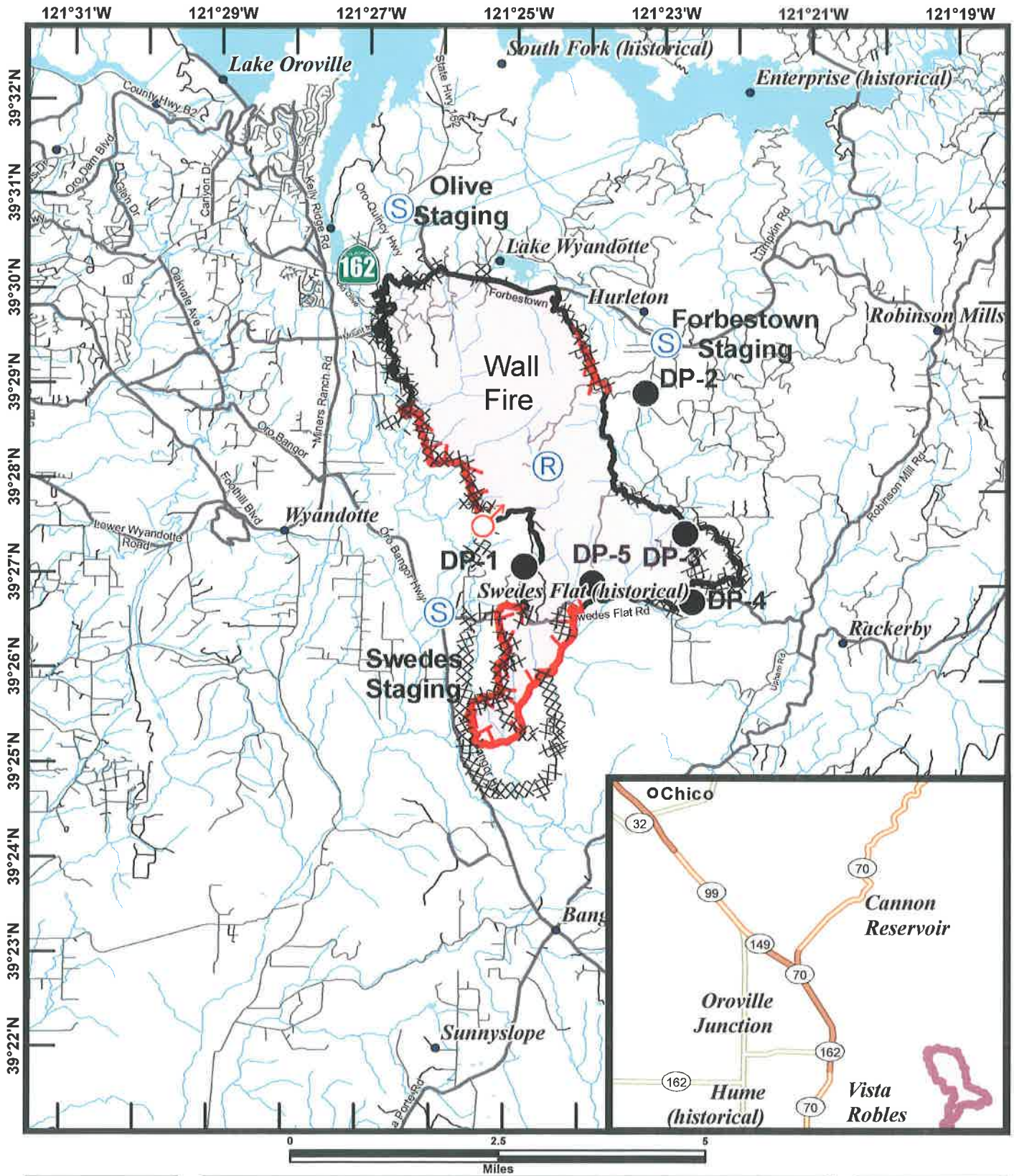
- **D**efend – **R**einforce – **A**dvance – **W**ithdraw – **D**elay

## IMMEDIATE NEED EVACUATION CHECKLIST

- Co-locate with law enforcement at ICP
- Identify evacuation area utilizing local maps. Include area of incident potential when determining evacuation area.
- Identify traffic control points for entry and exit of resources and civilians
- Identify areas that must be immediately evacuated and label "evacuation order" areas
- Identify areas that are potentially threatened and label "evacuation warning" areas
- Identify community safe refuge areas inside evacuation areas
- Determine and publish evacuation routes
- Identify and clearly communicate the decision points for implementing additional evacuation areas
- Identify areas of special needs population and large animals
- Consider use of public notification systems for evacuations

## STRUCTURE DEFENSE FUNDAMENTALS

- Back equipment in for tactical mobility
- Shield apparatus from radiant heat – be aware of structure ignition potential
- Park in a cleared area (watch for power lines, trees)
- Have an engine/crew protection line identified
- Determine if residents are home. Determine best course of action – evacuate if safe to do so or shelter in place at safe location
- Maintain communications with all crew members
- Maintain at least 100 gallons of water reserve in your tank
- Top off your tank at every opportunity (use garden hose)
- For roof access, place owner's ladder at a corner of the structure on the side with the least fire threat and away from power drop
- Keep fire out of heavier fuels (suppress in lighter fuels)
- Clear area around above-ground fuel tank, shutting off tank
- Close windows and doors, including garage, leaving doors unlocked
- Place combustible outside furniture inside the structure
- Charge and place garden hoses strategically around structure for immediate use
- Move wood piles away from structures
- Consider applying foam/gel to the structure (roof and siding) and/or fuels
- **REMEMBER** to follow up with **TACTICAL PATROL!**



**JF**

**Travel Map**  
**Wall Incident**  
**CA BTU 010975**  
**July 12, 2017**





