

**WALL  
INCIDENT  
CA-BTU-010975  
INCIDENT ACTION PLAN**



**OPERATIONAL PERIOD**

**7/9/2017 0700**

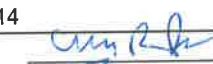
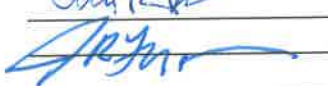
**to**

**7/10/2017 0700**





## INCIDENT OBJECTIVES (ICS 202)

<b>1. Incident Name:</b> <p style="text-align: center;">WALL</p>	<b>2. Operational Period:</b>	Date From:	7/9/2017	Date To:	7/10/2017
		Time From:	0700	Time To:	0700
<b>3. Objective(s):</b>  <p><b>Management Objectives</b></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><b>Control Objectives</b></p> <ul style="list-style-type: none"> <li>- Keep the fire East of Oroville 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>  <p>Steep and rugged terrain with difficult access. Extensive fire history in the area. Wildland Urban Interface / Intermix threat. Narrow roads and limited access.</p>					
<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 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 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> Chris Post		Position/Title: PSC		Signature: 	
<b>8. Approved by Incident Commander:</b>		Jim Ferguson		Signature: 	
ICS 202					

### ORGANIZATION ASSIGNMENT LIST (ICS 203)

<b>1. Incident Name:</b> WALL		<b>2. Operational Period: Date From:</b> 7/9/2017 Time From: 0700		<b>Date To:</b> 7/10/2017 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/Ron Myers/Jim Ferguson	Deputy	Mike Webb		
Safety Officer	Joe Buchmeier	Night Ops	Tim Ernst		
Information Officer	Mary Ann Aldrich/Jonathan Cox	Staging Area	Swedes	Edward Boontjer	
Liaison Officer	Mitch Villalpando	<b>Branch</b>	<b>I</b>	<b>Jeff Ohs</b>	
Law Tech Spec	John Davis	Division/Group	A	Brandon Lanning	
		Division/Group	C	Gus Boston	
<b>4. Agency/Organization Representatives:</b>			Division/Group	P	Jason Deyher
Agency/Organization	Name	Division/Group			
BCSO	Derek Bell	Division/Group			
CHP	Cliff Morrison	<b>Branch</b>	<b>III</b>		
PG&E	Rob Cone	Division/Group	E		
Ca. State Parks	Travis Gee	Division/Group	G		
CHP Oroville	Al Sanders	Division/Group			
Cal OES	Ken Hood	Staging Area	Forbestown	Josh Ramey	
Cal OES Law	Troy Clegg	Division/Group			
NVADG	Norm Rosene	<b>Branch</b>	<b>V</b>		
Butte Co. EOC	Shari McCracken	Division/Group	H	Kim Fullingim	
Wildfire Defense Sys	Mark Shipman	Division/Group	L	Keith Cummings	
Red Cross	Dave Willoughby	Division/Group			
BC Animal Control	Ryan Soulsby	Division/Group			
		Division/Group			
		<b>Branch</b>			
<b>5. Planning Section:</b>			Division/Group		
Chief	Chris Post	Division/Group			
Deputy	Adam Mitchell / Buddy Bloxham	Division/Group			
Resource Unit	G. Garcia / D. Scheurich / L. Plata	Division/Group			
Situation Unit	Robert Clark	Division/Group			
Documentation Unit		<b>Branch</b>			
Demobilization Unit	Jim Irving	Division/Group			
GISS	Tom Knecht	Division/Group			
FBAN	Tim Chavez	Division/Group			
IMET		Division/Group			
Training Tech Spec	Claudia Soiza	Staging Area			
		<b>Air Operations Branch</b>		<b>Director:</b>	<b>Scott Packwood</b>
<b>6. Logistics Section:</b>			Air Support Grp Sup	Tom Swanson	
Chief	Stephanie Edson/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>	7/8/2017 2300 hours		







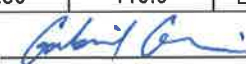








## ASSIGNMENT LIST (ICS 204)

<b>1. Incident Name:</b> WALL		<b>2. Operational Period:</b> Date From: 07/09/17    Date To: 07/10/17 Time From: 0700    Time To: 0700				<b>3.</b>  Branch: V Div/Group: L Lima	
<b>4. Operations Personnel:</b> Operations Section Chief: Mike Blankenheim    Night Ops: Tim Ernst Branch Director: Division/Group Supervisor: Keith Cummings							
<b>5. Resources Assigned:</b>						Reporting Location, Special Equipment, Remarks, Notes, and Information	
Resource Identifier	Leader	Number of Personnel	Request #	Time Location			
STC SHF 3675C*	Younger, Elizabeth	27	E-7	0700-1900			
STC KNF 3600C*	Stoner, Harris	26	E-42	0700-1900			
STC				0700-0700			
STG LMU 9226 G	Veverka, Robert	33	C-5	0700-0700			
STG MEU 9114G	Bryner, Dean	33	C-7	0700-0700			
STG				0700-0700			
STG				0700-0700			
STL SCU 9161L*	Mullis, Dean	2	E-69	0700-1900			
DOZ BTU 2140		2		0700-0700			
W/T PVT 74		2		0700-0700			
W/T PVT 25		2		0700-0700			
W/T PVT 64		2		0700-0700			
<b>6. Work Assignments:</b> Build and improve fireline. Defend structures as needed.							
<b>7. Special Instructions:</b>							
* 12 Hour Resource							
<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
BT SP 2	1	COMMAND	154.4150	123.0	159.0000	123.0	BTU SUPPORT T2-SUNSET
NIFC T5	13	TACTICAL	166.7250		166.7250		
CALCORD	15	MEDICAL	156.0750	156.7	156.0750	156.7	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> Gabe Garcia		Pos/Title: RESL		Signature: 			
ICS 204		Date/Time: 7/8/2017		2300 hours			









# SAFETY MESSAGE

## WALL INCIDENT



1. Incident Name: WALL	2. Operational Period: Date From: 07/09/17 Time From: 07:00	Date To: 07/10/17 Time To: 07:00
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### **JULY HAS SIGNIFICANT ACCIDENT HISTORY** **SLOW DOWN AND PLAN ACCORDINGLY**


- With the abundance of light flashy fuels, burn injuries have increased this year. Do Not rely on your PPE for complete protection. If you feel the heat, you might already be burned.
- Stay aware of what is happening around you at all times. Adapt your exit strategy accordingly.
- ESTABLISH: LOOKOUTS, COMMUNICATIONS, ESCAPE ROUTES, AND SAFETY ZONES.
- Radio frequencies will be changing, follow the communications plan and clone when available.
- No PPE allowed in the feeding areas. Wash hands regularly and always before entering the eating areas.
- If personnel become fatigued, but does not constitute a medical emergency, use fireline paramedics for evaluation and rehab in a shaded area.
- Be cautious of any marijuana grows in the areas you are working.

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

4. Site Safety Plan Required? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
5. Prepared by: Name(s):_Buchmeier/Janssen_Position/Title:_SOF1/SOF1(T)_Signature(s):	
ICS 208	Date/Time: July 8, 2017/21:00 





1. Incident Name: <b>Wall</b>		2. Incident Number: <b>CABTU10975</b>	
3. Date/Time Prepared: Date: 07/08/17      Time: 1400		4. Operational Period: Date From: 07/09/17    Date To: 07/10/17 Time From: 0700    Time To: 0700	
5. Incident Area	6. Hazards/Risks	7. Mitigations	
ALL	STEEP TERRAIN	<ul style="list-style-type: none"> <li>- POST LOOKOUTS</li> <li>- WATCH FOOTING</li> <li>- ADJUST OPERATIONS</li> </ul>	
ALL	NARROW ONE WAY ROADS	<ul style="list-style-type: none"> <li>- HEADLIGHTS ON</li> <li>- SLOW DOWN</li> </ul>	
ALL	FATIGUE	<ul style="list-style-type: none"> <li>- MAINTAIN PROPER WORK REST CYCLES</li> <li>- DOCUMENT ON ICS-214</li> </ul>	
ALL	HYDRATION	<ul style="list-style-type: none"> <li>- MAINTAIN 3 WATERS TO 1 ELECTROLYTE RATIO</li> </ul>	
ALL	CRITICAL FUEL MOISTURES	<ul style="list-style-type: none"> <li>- PAY CLOSE ATTENTION TO FIRE BEHAVIOR AND CHANGING CONDITIONS</li> </ul>	
ALL	IN CAMP CIVILIAN PEDESTRIAN TRAFFIC	<ul style="list-style-type: none"> <li>- MAINTAIN FIVE MPH SPEED LIMIT IN CAMP</li> </ul>	
ALL	AVIATION HAZARDS	<ul style="list-style-type: none"> <li>- MONITOR AIR TO GROUND</li> </ul>	
ALL	HIRED EQUIPMENT	<ul style="list-style-type: none"> <li>- PROVIDE PROPER SUPERVISION PER CAL FIRE POLICY</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>- BE SURE TO CLONE RADIOS</li> </ul>	
BASE / HOTELS	SECURITY AT INCIDENT BASE & HOTELS	<ul style="list-style-type: none"> <li>- PLACE SECURITY AT ENTRANCE &amp; EXITS, PLUS TWO ROAMING IN ICP</li> <li>- REMOVE VALUABLES FROM VEHICLES @ HOTELS</li> </ul>	
8. Prepared by: Joe Buchmeier SOF1, Josh Janssen SOF 1 (T)			
ICS 215A			

FNUS76 KSTO 082347  
FWSSTO

SPOT FORECAST for WALL...CAL FIRE  
National Weather Service SACRAMENTO CA  
447 PM PDT Sat Jul 8 2017

Forecast is based on request time of 2100 PDT on July 08.  
If conditions become unrepresentative...contact the National Weather  
Service.

.DISCUSSION...

Hot and dry conditions will continue at the wildfire tonight into  
Sunday. Sunday should be a bit less hot than Saturday. Overnight  
humidity recoveries will remain to be poor to moderate. Easterly  
or drainage winds overnight should turn to west or upslope during  
afternoon heating.

.SUNDAY...

Sky/weather.....Sunny.  
Max temperature.....98-103.  
Min humidity.....8-13 percent.  
Wind (20 ft).....  
Slope/valley.....East winds 1 to 4 mph becoming southwest 3 to  
7 mph after 1000.  
Ridgetop.....East winds 1 to 4 mph becoming southwest 5 to  
10 mph with gusts to 15 mph after 1000.  
Mixing height.....Less than 500 ft AGL increasing to 5000 ft AGL  
in the afternoon.  
Transport winds.....East winds 1 to 4 mph becoming southwest 5 to  
10 mph after 1000.  
CWR.....0 percent.  
LAL.....1.


.SUNDAY NIGHT...

Sky/weather.....Clear.  
Min temperature.....69-74.  
Max humidity.....40-45 percent.  
Wind (20 ft).....  
Slope/valley.....Southwest winds 3 to 7 mph shifting to the  
east 1 to 4 mph after 2200.  
Ridgetop.....Southwest winds 5 to 10 mph shifting to the  
east up to 5 mph after 2200.  
Mixing height.....4900 ft AGL decreasing to 300-2200 ft AGL early  
in the evening.  
Transport winds.....Southwest winds 3 to 7 mph shifting to the  
east 3 to 5 mph after 2200.  
CWR.....0 percent.  
LAL.....1.

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Forecaster...CS  
Requested by...Tim Chavez  
Type of request...WILDFIRE

# FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 1	TYPE OF FIRE: WILDFIRE
FIRE NAME: WALL	OPERATIONAL PERIOD: JULY 9, 2017 24 HOUR
DATE ISSUED: JULY 8, 2017	TIME ISSUED: 1900
UNIT: BUTTE UNIT	SIGNED: 
	Typed/printed: <i>Tim CHAVEZ</i>

## INPUTS

**WEATHER SUMMARY:**  
NEAR RECORD HIGH TEMPERATURES AND LOW HUMIDITY. LONG DAYLIGHT PERIOD. SEE SPOT FORECAST ATTACHED.

## OUTPUTS

### FIRE BEHAVIOR

**GENERAL:** BANGOR RAW (BRUSH FUEL MODEL) ERC 33, BI 44, 1000 HOUR FM = 10%, 100 HOUR FM=6%, 10 HOUR FM=4% FINE DEAD FUEL MOISTURE = 2%.  
AVG ANNUAL RAINFALL 35", 2017 RAINFALL 50.75"  
SUNRISE 0537, SUNSET 2037, 15 HOURS DAYLIGHT. PROBABILITY OF IGNITION NEAR 100% DURING DAYLIGHT HOURS. FUELS VERY RECEPTIVE TO SPOTTING. MUCH OF THE FIRE IS WITHIN THE SWEDES FIRE PERIMETER FROM 2013. HEAVY LOADING OF FINE FUELS AND MANY DEAD STANDING AND DOWN LARGE DIAMETER FUELS INSIDE THE OLD BURN AREA. POTENTIAL SPOTTING DISTANCE 0.2-0.3 MILES.

### SPECIFIC:

#### BRANCH I

MUCH OF THE BRANCH IS INSIDE THE SWEDES FIRE OF 2013, GRASS FUEL LOADING IS ESPECIALLY HEAVY. SPOTTING ACROSS HONCUT CREEK IN DIVISION P COULD ALLOW A SLOPE REVERSAL FIRE RUN UPHILL TOWARD STONY OAKS LOOP. DOWN CANYON WINDS AT NIGHT AFFECT THIS AREA.

#### BRANCH III

HEAVIER FUELS HAVE SOME AREAS OF FULL CANOPY COVER OF OAKS AND GRAY PINE WITH FREQUENT DEAD AND DOWN JACKPOTS UNDER THE CANOPY. BRUSH FUELS HAVE HEAVY DEAD COMPONENT. AFTER 1700 FIRE ACTIVITY INCREASES AND STRONG RUNS TO THE NORTH ARE POSSIBLE.

#### BRANCH V

SMOLDERING IN HEAVY FUELS WILL LAST SEVERAL DAYS. CROWNS OF TREES SO FAR HAVE BEEN FIRE RESISTANT. OAKS AND GRAY PINES MAY HOLD FIRE IN DEAD BRANCHES IN THE CROWNS.


### AIR OPERATIONS:

NO SMOKE OR VISIBILITY PROBLEMS ANTICIPATED AFTER 1300.



## SAFETY

- STANDING DEAD SNAGS AROUND THE 2013 SWEDES BURN COULD CAUSE SPOTFIRES IF NOT FELLED NEAR THE LINE AND COULD FALL WITH NO WARNING
- ABUNDANT FINE FUELS ARE A COMMON DENOMINATOR OF FATAL AND NEAR MISS FIRES
- JULY 9 IS THE 64<sup>TH</sup> ANNIVERSARY OF THE RATTLESNAKE FIRE ON THE MENDOCINO FOREST. A STRONG COASTAL INFLUENCE AT DUSK RESULTED IN 15 FATALITIES.

# ICS 205 - INCIDENT RADIO COMMUNICATIONS PLAN

<b>1. Incident Name:</b> WALL		<b>2. Date/Time Prepared</b> Date: 07/08/2017 Time: 1830		<b>3. Operational Period:</b> Date To: 07/10/17 Time To: 0700				
<b>4. Communications</b>								
Ch#	Function	Name	Assigned To	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
1	COMMAND	BT SP 2	ALL DIVS	154.4150	123.0	159.0000	123.0	BTU SUPPORT T2-SUNSET
2	COMMAND	BT SP 5	ALL DIVS	154.4150	123.0	159.0000	146.2	BTU SUPPORT T5-ST. JOHN
3	COMMAND	BT SP13	ALL DIVS	154.4150	123.0	159.0000	141.3	BTU SUPPORT T13-BLOOMER
4								
5								
6								
7	TACTICAL	VFIRE 24	DIV A	154.2725	156.7	154.2725	156.7	
8	TACTICAL	CDF T26	DIV C	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	TACTICAL	CDF T28	DIV E	151.1825	192.8 (T16)	151.1825	192.8 (T16)	
11	TACTICAL	NIFC T7	DIV G	168.2500		168.2500		
12	TACTICAL	NIFC T6	DIV H	166.7750		166.7750		
13	TACTICAL	NIFC T5	DIV L	166.7250		166.7250		
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	156.0750	156.7	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						Signature: 		
ICS 205						Date/Time: 07/08/17 1830		

## MEDICAL PLAN (ICS 206)

<b>1. Incident Name:</b> <p style="text-align: center; font-size: 1.2em;">WALL</p>		<b>2. Operational Period:</b> Date From: 7/9/17 Date To: 7/10/17 Time From: 0700 Time To: 0700					
<b>3. Medical Aid Stations:</b>							
Name	Location	Contact Number/Freq	Paramedics				
MERT	ICP	530-310-4921	<input type="checkbox"/> No				
<b>4. Transportation (indicate air or ground):</b>							
Ambulance Service	Location	Contact Number	Level of Service				
Butte County EMS	Sweets Flats Rd/Oro Bangor	530-332-7050	ALS				
<b>5. Hospitals:</b>							
Hospital Name	Address, Lat & Long Helipad	Contact Number(s)/ Frequency	Travel Time		Trauma Center	Burn Center	Helipad
			Air	Ground			
Oroville Hosp	2767 Olive Hwy, Oroville, CA 95966	(530) 533-8500	5	25	Level 3	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes
Enloe Med Ctr	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
<b>6. Special Medical Emergency Procedures</b>							
<b>Line Emergency</b> Crew Supervisor will contact Division Supervisor with patient complaint/condition and location. - Division Group Supervisor Contacts: 1. Closest EMS resource 2. Communications Unit - 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 IWI and only for duration of the emergency. - Communications Unit will clear the Command channel for emergency traffic as needed for duration of the need.  <b>Camp Emergency</b> Contact Medical Unit with patient complaint/condition and location. Medical staff will respond to stabilize the patient. - Medical Unit contacts 1. Communications 2. Safety 3. Logistics 4. Operations 5. Crew Supervisor 6. Comp/Claims				<b>Injury Reporting Procedures</b>  Nature of Injury: _____ Location of Patient: _____ Point of Contact: _____ Transportation Requested by: Air ___ Ground ___ Point of Pick-Up: _____ Lat: _____ Long: _____ Patient Unit ID: _____ Is an EMT with Patient: Yes ___ No ___ Age: _____ Sex: Male ___ Female ___  <b>All Emergencies - Secure the area and identified witnesses for later investigation. Keep accurate log of events.</b>			
<input type="checkbox"/> 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: 			
ICS 206				Date/Time: 7/8/2017			

# ***TRAINING SPECIALIST MESSAGE***

**A Training Specialist is now on the incident.**

## ***ALL ASSIGNED TRAINEES***

**working on position task books will need to register with the Incident Training Specialist in order to receive proper credit for your assignment.**

**The Training Specialist is available immediately following the morning Operations Briefing.  
Location: Building adjacent to the Stage**

## **TRAINING SPECIALIST**

**Claudia Soiza  
Cell-(949)632-7813**

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

Training Specialist: Claudia Soiza      949.632.7813

- 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): \_\_\_\_\_

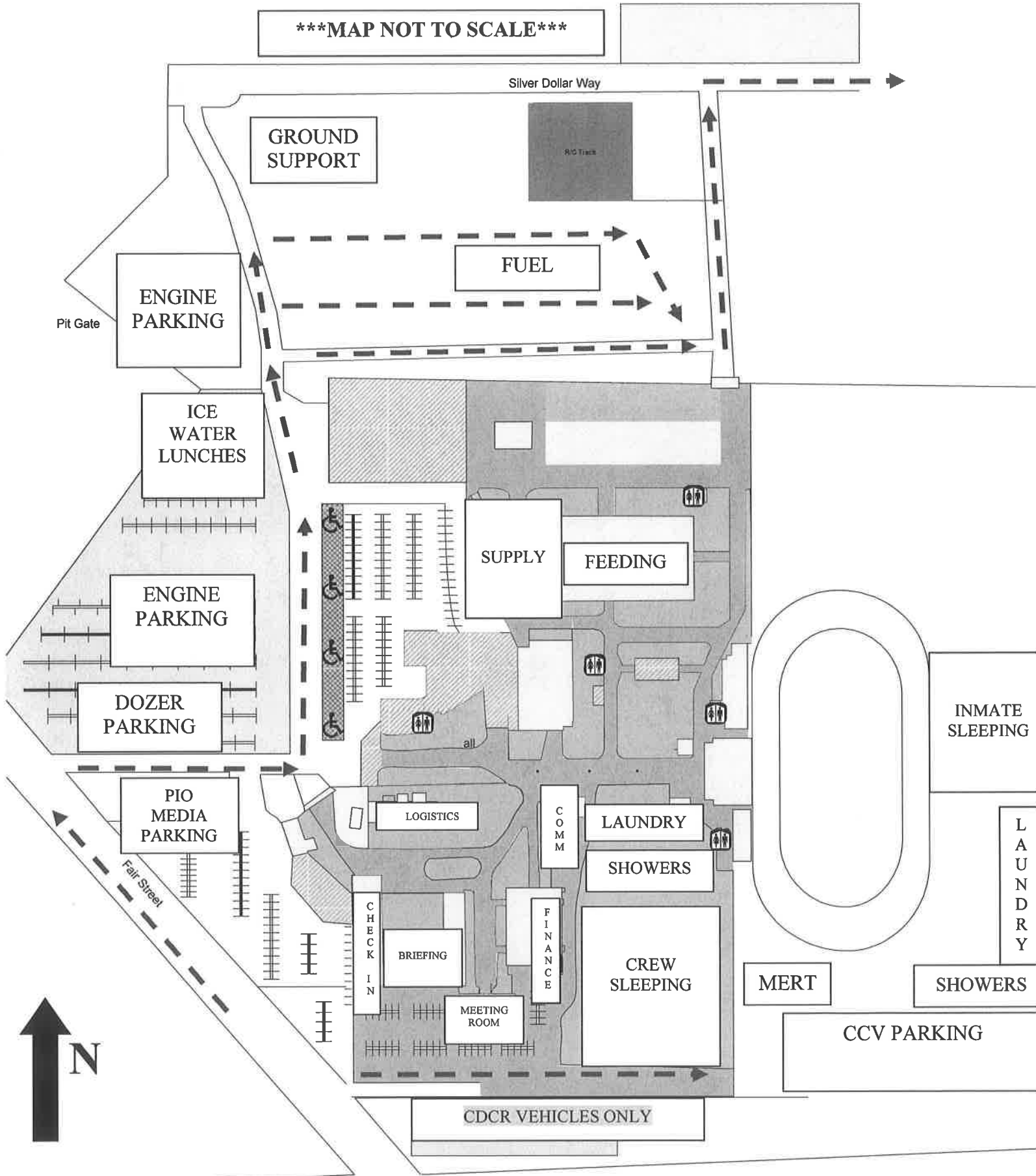
Work Address: \_\_\_\_\_

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

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

# WALL INCIDENT BASE MAP

\*\*\*MAP NOT TO SCALE\*\*\*





# 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>WALL</b>		Incident Number <b>CABTU 010975</b>	Request Number <b>E#</b>		Contractor Name <b>DOZER DUDE</b>	
Agreement Number <b>XXX - 000000 - 00</b>					Operator #1 <b>BOB SMITH</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	Remarks/Comments **	
8/3	0700	2400	17	DIV M	<b>TWO OPERATORS NO DAMAGE/ NO CLAIMS</b>	
8/4	0001	0700	7	DIV M		
Vendor Rating					Govt. Rep. Name and Position - PRINT <b>Mike Weber</b>	
Met Performance Expectations					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						
Incident or Project Name <b>WALL</b>		Incident Number <b>CABTU 010975</b>	Request Number <b>E # Here</b>		Contractor Name <b>DUDE TRANSPORT</b>	
Agreement Number <b>XXX - 000000 - 00</b>					Operator #1 <b>BOB SMITH</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	Remarks/Comments **	
8/3	0700	2400	17	DIV M	<b>2 OPERATORS NO DAMAGE/ NO CLAIMS</b>	
8/4	0001	0700	7	DIV M		
Vendor Rating					Govt. Rep. Name and Position - PRINT <b>Mike Weber</b>	
Met Performance Expectations					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

**Turn shift tickets into Finance.**

# SHIFT TICKET EXAMPLE

EMERGENCY SHIFT TICKET and EVALUATION FORM					Contractor Name <b>H2O DUDE</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>	Operator #2
Agreement Number <b>XXX - 000000 - 00</b>					Operator Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government	
Equipment Make <b>FREIGHTLINER</b>		Equipment Model / Type <b>WATER TENDER 2500 + GAL</b>			Operating Supplies Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government	
Serial Number <b>1XP3ESMP14239012</b>		Licence Number <b>55555555</b>			Equipment Status <input checked="" type="checkbox"/> Inspected <input checked="" type="checkbox"/> Under Agreement	
Equipment Use (Circle) <b>Hours</b> Days / Miles					Released by Government <input type="checkbox"/>	
Assignment					Withdrawn by Contractor <input type="checkbox"/>	
Date Mo / Day	Start	Stop	Work	Assignment		
8/3	0700	1900	12	DIV Z		
8/4	1900	2400	5	OFF SHIFT		
8/4	0001	0700	7	OFFSHIFT		
Vendor Rating					Govt. Rep. Name and Position - PRINT <b>Mike Weber</b>	
Poor* Avg. Good Exc. N/A					Govt. Rep. Signature <i>Mike Weber</i>	
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					Remarks/Comments ** <b>ONE OPERATOR NO DAMAGE/ NO CLAIMS</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 <b>WATER GUY</b>	
The responsible Government Officer will complete this form each shift						
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>	Operator #2 <b>BILL SMITH</b>
Agreement Number <b>XXX - 000000 - 00</b>					Operator Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government	
Equipment Make <b>PETERBUILT</b>		Equipment Model / Type <b>WATER TENDER 2500 + GAL</b>			Operating Supplies Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government	
Serial Number <b>1XP3ESMP14239012</b>		Licence Number <b>9999999</b>			Equipment Status <input checked="" type="checkbox"/> Inspected <input checked="" type="checkbox"/> Under Agreement	
Equipment Use (Circle) <b>Hours</b> Days / Miles					Released by Government <input type="checkbox"/>	
Assignment					Withdrawn by Contractor <input type="checkbox"/>	
Date Mo / Day	Start	Stop	Work	Assignment		
8/3	0700	2400	17	DIV M		
8/4	0001	0700	7	DIV M		
Vendor Rating					Govt. Rep. Name and Position - PRINT <b>Mike Weber</b>	
Poor* Avg. Good Exc. N/A					Govt. Rep. Signature <i>Mike Weber</i>	
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					Remarks/Comments ** <b>2 OPERATORS NO DAMAGE/ NO CLAIMS</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

**Turn shift tickets into Finance.**





# 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!**





