

# SOUTH FIRE

## Incident Action Plan

September 13 - 14, 2019 (0700 – 0700)



### WORKING AROUND HEAVY EQUIPMENT

- Maintain Safe Distances From Equipment
- Stay 100' in front and 50' Behind the Equipment
- If in Timber, Increase These Distances 2.5 Times

### AIR SUPPORT


- Don't plan your tactics on air resources for medical transport or resupply.
- Limit High Risk Activities
- Ensure good comms with South Communications before committing resources



**KEEP A HIGH LEVEL OF  
SITUATIONAL AWARENESS**  
CA-SHF-001209 P5MRD419 (0514)  
Shasta-Trinity National Forest, Harrison Gulch RD  
South Fork Management Unit





INCIDENT OBJECTIVES	1. Incident Name South	2. Date 09/12/2019	3. Time 1700
4. Operational Period September 13, 2019 DAY-NIGHT SHIFT			
<p><b><u>CONTROL OBJECTIVES</u></b></p> <ol style="list-style-type: none"> <li>1) Keep fire North of Ball Rock Road.</li> <li>2) Keep fire West of Maple Creek to prevent fire spread into the state DPA.</li> <li>3) Keep fire South of Maple Creek and Sheep Ridge to protect private structures in Sheep Camp.</li> <li>4) Keep fire East of Long Ridge and South Fork of Cottonwood Creek to minimize wilderness impacts.</li> </ol> <p><b><u>MANAGEMENT OBJECTIVES</u></b></p> <ol style="list-style-type: none"> <li>1) Provide for firefighter and public safety.</li> <li>2) Implement strategies and tactics that commit responders to operations where and when they can be successful, and recognizing when tactics are unnecessary and/or increase exposure to fire responders and pilots.</li> <li>3) Maintain a safe and positive working environment.</li> <li>4) Protect private and Forest Service infrastructure and cultural and natural resources.</li> <li>5) Limit long term impacts from suppression actions.</li> </ol>			
6. Weather Forecast for Period <ul style="list-style-type: none"> <li>• See attached weather forecast.</li> </ul>			
7. General Safety Message <ul style="list-style-type: none"> <li>• See attached safety messages.</li> </ul>			
8. Attachments (mark if attached)			
<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> Weather	
<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Incident Map	<input checked="" type="checkbox"/> ICS215a	
<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input checked="" type="checkbox"/> ICS 220	<input type="checkbox"/> Rehab Considerations	
9. Prepared by (Planning Section Chief) Jeffrey Buscher	10. Approved by (Incident Commander) Dustan Mueller 		

<b>ORGANIZATION ASSIGNMENT LIST</b>		Ground Support Unit	Mike Jellison
1. Incident Name		Equipment Manager	Mark Vardanega, Nick Lee
<b>South</b>		Communications Unit	Richard Stone
2. Date		Medical Unit	Josh Ramey, Josh Hadley (t)
September 12, 2019	3. Time	Receiving & Distribution	Fred Johnson
	2000	Food Unit	Jay Westlake
4. Operational Period		Security Manager	
Day Shift, <b>September 13, 2019</b>		9. Operations Section	
Position	Name	Operations - Day	Alec Lane, Robert Rice (t)
5. Incident Commander and Staff		Operations - Night	
Incident Commander	Dustan Mueller, Alan Taylor (t)	Planning Ops	Mike Klimek, Troy Mueller (t)
Deputy			
Safety Officer	Michele Tanzi, Jeff Barnhart	a. Division/Groups	
Information Officer	Barbara Rebiskie	<b>DAY</b>	
Liaison Officer	Kent Swartzlander	Division/Group QQ	Billy Covert
Human Resources	Todd Morrow	Division/Group RR	Pete English, Manual Ortiz (t)
6. Agency Representative		Division/Group WW	Robert Hickok
Agency Administrator	Tom Hall	Division/Group XX	Adrian Villegas
Lead READ	Jessica Haglund	Contingency	Drew Brown
BLM ARGP	Jeremy Strait	Division/Group Night	Matt Donnelly
Crane Mills Rep	Frank Barron	Division/Group	
Tehama S.O. Rep	Andy Houghtby	Division/Group	
CCC AREP	Chad Harris	Division/Group	
		Division/Group	
		Division/Group	
7. Planning Section		Division/Group	
Chief	Jeff Buscher, Paul Zerr (t)	Division/Group	
Resources Unit	Krystle Gleason, Marisa Williams (t)	Division/Group	
Situation Unit	Tad Morelock, John Hunter (t)	Division/Group	
Demobilization Unit	Gary Deboi	Division/Group	
Training	"Boston" Bernardo	c. Air Operations Branch	
ITSS	George Steel, Jim Gonzalez (t)	Air Operations Branch Director	Kerry Koskela
GISS	Kent Bloomer, Devin Quintana, Jacob Baker (t)	Air Support Group Supervisor	Kim Forcier
FBAN	Stewart Turner	10. Finance Section	
IMET	Jim Dudley	Chief	Lois Charlton
LTAN	Eric Kronner (t)	Time Unit	Holly Cardoza (t)
SCKN	Veronica Garza	Equipment Time Recorder	Robert Jeter
		Procurement	
		Personnel Time Recorder	Ken Primrose
8. Logistics Section		Prepared by (Resource Unit Leader) Gary R. Deboi	
Chief	Richard Crowther		
Ordering	Josh Ramey, Della Webb		
Facilities Unit	Jeff Huhtala, Frank delCarlo		



# INCIDENT Weather Forecast



**FORECAST NO:** 5

**NAME OF FIRE:** South

**PREDICTION FOR:** Day/Night Shift

**UNIT:** Shasta Trinity National Forest

**SHIFT DATE:** 09/13/19

**SIGNED:** *James B. Dudley*

**TIME AND DATE**

**Jim Dudley Incident Meteorologist**

**FORECAST ISSUED:** 1900 on 09/12/19

**WEATHER DISCUSSION:** High pressure will remain over the fire area through Saturday and then begin to weaken. A warm and dry pattern will remain in place through the beginning of the weekend. Nighttime recoveries will be poor and winds will be mainly terrain driven. On Sunday and Monday, a windy and potentially wet storm system will move across the fire area with much cooler and windier weather.

**. FRIDAY . . .**

Sky/weather.....Sunny.  
CWR.....0 percent.  
LAL.....1.  
Max temperature.....78-83 at 5000 feet and 88-92 at 2500 feet (including Branch X).  
Min humidity.....18-22 percent at 5000 feet and 11-16 percent at 2500 feet.  
Wind (20 ft).....Upslope/Upcanyon 3-6 mph.  
Mixing height.....Increasing to around 9000 ft AGL.  
Transport winds.....West around 15 mph.

**. FRIDAY NIGHT . . .**

Sky/weather.....Clear.  
CWR.....0 percent.  
LAL.....1.  
Min temperature.....54-59 at 5000 feet and 60-65 at 2500 feet (including Branch X).  
Max humidity.....33-38 percent at 5000 feet and 23-28 percent at 2500 feet.  
Wind (20 ft).....Downslope/Downcanyon 2-5 mph.  
Mixing height.....Lowering to around 700 ft AGL.  
Transport winds.....South around 5 mph.

**. SATURDAY . . .**

Sky/weather.....Sunny.  
CWR.....0 percent.  
LAL.....1.  
Max temperature.....77-82 at 5000 feet and 87-91 at 2500 feet (including Branch X).  
Min humidity.....19-23 percent at 5000 feet and 12-17 percent at 2500 feet.  
Wind (20 ft).....Upslope/Upcanyon 3-6 mph.  
Mixing height.....Increasing to around 9000 ft AGL.  
Transport winds.....Southwest around 20 mph.

## FIRE BEHAVIOR FORECAST

<b>FORECAST NUMBER:</b> 7	<b>OPERATIONAL PERIOD:</b> Day/Night 9/13
<b>FIRE NAME:</b> CA-SHF-001209- South Fire	<b>SIGNED:</b> Eric Kronner LTAN(t)/ Stewart Turner (FBAN)
<b>DATE and Time ISSUED:</b> 09/12 1900	

### INPUTS

**WEATHER SUMMARY:** High pressure will cause terrain driven winds, with warm and dry conditions.

**FIRE BEHAVIOR:** Continued warm and dry conditions will allow the fire behavior window to expand, with opportunities for nighttime activity.

**GENERAL:**

Fuels in the area range from grass in the lower elevations (cured), and heavy brush in mid elevations (below average fuel moistures) and timber in the higher elevations and on the north aspects. The fire is in a Fuels and Fire Behavior Advisory for above average fuel loading.

The topography ranges from rolling hills to steep drainages. The drainages can be narrow and will funnel predominant winds. Ridgetops are also narrow, expect slop overs and spots on fire challenged ridgetops.

**Live Fuel Moistures – Sunflower 2000' elevation**

- Chamise – 43%.
- Manzanita – 54%

**SPECIFIC:**

**Div WW and Div XX-** No fire behavior is expected.

**Div RR-** The firing operation in this division will continue to cool, but with dry and warm conditions you could expect to see any spot/slop become active quickly. Expect moderate/high rate of spread when in alignment.

**Div QQ-** Notable fire behavior with Flame Lengths greater than 10 feet are expected with terrain winds continuing to push the fire to the wilderness. The potential for rollout and corresponding uphill runs will continue. Vigilance is needed in the Cottonwood Creek as spots/slops/ or rollouts would rapidly grow in size

**Branch X**

**DIV PP** – Minimal fire activity, smoldering and creeping as interior fuels are consumed. Monitor fire activity in Branch XV. The fire is well established up-drainage to the west. Winds aloft will direct the column from drainage runs in Section 13, 14 and 11 towards the SSW.

**DIV MM** – Interior fuels will continue to consume and will be affected by decreasing daytime humidity as well as poor overnight recovery. Monitor Elkhorn creek (dry) for trees across the drainage. Slops across the creek to the east could rapidly develop into uphill runs to the dozer line below Elkhorn Peak. Monitor fire activity to the North as smoke production below Tom Head (5k'-7k') will indicate changes in wind conditions.

**DIV KK** - This division has the most exposure to the Sacramento Valley temperatures, humidity and winds. Monitor equipment use on contingency lines in hot and dry weather.

**\*Fire Behavior for Optimal Alignment\***

**Receptive Fuels**

Fuel Type	ROS Head Fire	Flame Length (Ft)
Brush	1.5 – 2 mi/hr or 120-160 ch/hr	25'-30'
Timber Understory	.1- .25 mi/hr or 5-6 ch/hr	4'-6'

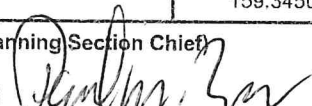
**AIR OPERATIONS:**

Clear except areas of smoke. No inversion expected.

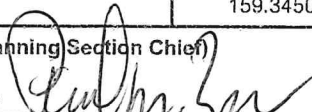
**SAFETY**

**Fire Behavior is always interesting to look at and enjoy from a safe location but remember to be looking into the green as well. How many times have you watched a tree torch and turned around to see a spot fire growing in intensity?**

**Division/Group Assignment List (ICS 204 WF)**  
 Controlled Unclassified Information//Basic

<b>1. Incident Name:</b>			<b>3.</b>			
SOUTH FIRE			Branch:		Division/Group:  <b>QQ</b>	
<b>2. Operational Period:</b> DAY						
Date/Time From: 09/13/2019 0700 FRI		Date/Time To: 09/13/2019 1900 FRI				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		ALEC LANE ROBERT RICE (T)		<b>DIVISION/GROUP SUPERVISOR</b>		BILLY COVERT
<b>PLANNING OPS</b>		MIKE KLIMEK TROY MUELLER (T)		<b>AIR ATTACK SUPERVISOR</b>		
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
WFM WARM SPRINGS (O-16)		09/21	ROBERT SJOLUND	10	SPIKE CAMP/0700	SPIKE CAMP/1900
WFM MAMMOTH (O-78)		09/24	ZACK SELMSER	9	SPIKE CAMP/0700	SPIKE CAMP/1900
EMPF TRUBIN (O-48)		09/22	VLADIMIR TRUBIN	1	SPIKE CAMP/0700	SPIKE CAMP/1900
EMTF BENNETT-SNOW (O-31)		09/22	JOSH BENNETT-SNOW	1	SPIKE CAMP/0700	SPIKE CAMP/1900
SOF2 MORLOCK (O-27)		09/22	JOHN MORLOCK	1	SPIKE CAMP/0700	SPIKE CAMP/1900
<b>6. Control Operations/Work Assignments:</b>						
Patrol and monitor fire behavior North of Cottonwood Creek.						
Scout existing trail and road systems South of Cottonwood Creek.						
<b>7. Special Instructions:</b>						
Utilize MIST tactics in wilderness.						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1 (CMD 1)	170.4500		168.1000	T-9 (100.0)	A
COMMAND	2 (CMD 2)	169.5375		164.7125	T-9 (100.0)	A
TACTICAL	4 (TAC 3)	168.6000		168.6000	T-9 (100.0)	A
AIR TO GROUND	13 (CDF A/G)	159.3450		159.3450	T-16 (192.8)	A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
KRYSTLE GLEASON / MARISA WILLIAMS (T)			PAUL ZERR (T) 		09/12/2019	2030

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1. Incident Name:			3.			
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2. Operational Period: DAY					RR	
Date/Time From: 09/13/2019 0700 FRI		Date/Time To: 09/13/2019 1900 FRI				
4. Operations Personnel						
OPERATIONS CHIEF		ALEC LANE ROBERT RICE (T)		DIVISION/GROUP SUPERVISOR		PETE ENGLISH MANUEL ORTIZ (T)
PLANNING OPS		MIKE KLIMEK TROY MUELLER (T)		AIR ATTACK SUPERVISOR		
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
HC1 TRINITY IHC (C-17)		09/23	RICHARD REPOSA	19	SPIKE 100/0700	SPIKE 100/1900
HC1 SNAKE RIVER IHC (C-4)		09/23	KENNY BOCHNIAK	19	SPIKE 100/0700	SPIKE 100/1900
HC1 WYOMING IHC (C-2)		09/23	MATT PRENTISS	20	SPIKE 100/0700	SPIKE 100/1900
HC2I FEATHER RIVER (C-16)		09/24	ANDRE MORENO	20	SPIKE 100/0700	SPIKE 100/1900
HC2I NOREAST INTERAGENCY 1 (C-6)		09/22	JOHN JANELLE	20	SPIKE 100/0700	SPIKE 100/1900
HC2 WEST COAST REFORESTATION (C-14)		09/23	HOMERO HERNANDEZ	20	ICP/0700	ICP/1900
S/T 1608 C (E-10)		09/22	HECTOR SANCHEZ	27	SPIKE 100/0700	SPIKE 100/1900
WTS2 T AND S DVBE 1 (E-12)		09/21	CASEY FRESHOUR	1	ICP/0700	ICP/1900
WTS2 T AND S DVBE 2 (E-13)		09/21	MICHAEL GRAVES	1	ICP/0700	ICP/1900
WTS2 MONK (E-14)		09/25	TURK MONK	1	ICP/0700	ICP/1900
WTS3 DIETZ EQUIPMENT (E-22)		09/21	WAYNE CONNER	1	ICP/0700	ICP/1900
FELB PENNACCHIO (O-80)		09/24	MIKE PENNACCHIO	1	ICP/0700	ICP/1900
FELB BRAUN (O-96)		09/25	ANDREW BRAUN	1	ICP/0700	ICP/1900
FMOD AMERICAN TIMBER AND FIRE (O-69)		09/21	JOE SULLIVAN /RAYMOND SCHLATTER	2	ICP/0700	ICP/1900
FMOD NORTH ZONE FALLERS 13 (O-70)		09/21	LUKE HELFINSTINE/DUSTAN WELLS	2	ICP/0700	ICP/1900
FMOD NORTH ZONE FALLERS (O-122)		09/24	NICK STACHER/MARK WILSON	2	ICP/0700	ICP/1900
FMOD MILLER WOOD (O-121)		09/24	SAM HOLSTAD/MARTIN PICKLE	2	ICP/0700	ICP/1900
TFLD CHARTIER (O-21)		09/22	CODY CHARTIER	1	SPIKE 100/0700	SPIKE 100/1900
TFLD (T) ROHRS (O-64)		09/20	KEITH ROHRS	1	ICP/0700	ICP/1900
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1 (CMD 1)	170.4500		168.1000	T-9 (100.0)	A
COMMAND	2 (CMD 2)	169.5375		164.7125	T-9 (100.0)	A
TACTICAL	5 (TAC 4)	166.7250		166.7250	T-9 (100.0)	A
AIR TO GROUND	13 (CDF AG)	159.3450		159.3450	T-16 (192.8)	A
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
KRYSTLE GLEASON / MARISA WILLIAMS (T)			PAUL ZERR (T) 		09/12/2019	2030



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4. Operations Personnel			
OPERATIONS CHIEF	ALEC LANE ROBERT RICE (T)	DIVISION/GROUP SUPERVISOR	PETE ENGLISH MANUEL ORTIZ (T)
PLANNING OPS	MIKE KLIMEK TROY MUELLER (T)	AIR ATTACK SUPERVISOR	

5. Resources Assigned this Period					
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
REAF ANDERSON (O-62)	09/19	GALEN ANDERSON	1	ICP/0700	ICP/1900
EMPF LARKIN (O-47)	09/22	MIKE LARKIN	1	SPIKE 100/0700	SPIKE 100/1900
EMTF BRODBECK (O-29)	09/21	MIKE BRODBECK	1	SPIKE 100/0700	SPIKE 100/1900
SOFR GOUGHNOUR (O-124)	09/25	AL GOUGHNOUR	1	SPIKE 100/0700	SPIKE 100/1900

6. Control Operations/Work Assignments:

Continue firing operations along Syd Cabin Ridge to the West.

Continue point protection on Buck Camp.

Mop-up behind firing operations.

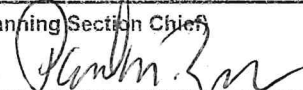
7. Special Instructions:

Utilize MIST tactics in wilderness.

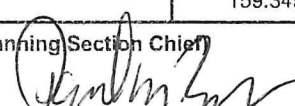
MT. SHASTA AMBULANCE (MEDIC 70) WILL BE @ DP-110 DURING DAY SHIFT, UNLESS DIRECTED OTHERWISE.

AMBULANCE WILL BE SPIKED @ DP-100 DURING NIGHT SHIFT, AVAILABLE TO RESPOND IF NEEDED.

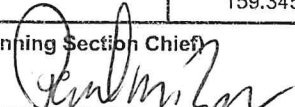
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AIR TO GROUND	13 (CDF AG)	159.3450		159.3450	T-16 (192.8)	A

9. Prepared By (Resource Unit Leader)	Approved By (Planning Section Chief)	Date	Time
KRYSTLE GLEASON / MARISA WILLIAMS (T)	PAUL ZERR (T) 	09/12/2019	2030

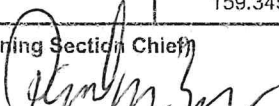
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SOUTH FIRE			Branch:		Division/Group:	
2. Operational Period: DAY					<b>WW</b>	
Date/Time From: 09/13/2019 0700 FRI		Date/Time To: 09/13/2019 1900 FRI				
4. Operations Personnel						
OPERATIONS CHIEF		ALEC LANE ROBERT RICE (T)		DIVISION/GROUP SUPERVISOR		ROBERT HICKOK
PLANNING OPS		MIKE KLIMEK TROY MUELLER (T)		AIR ATTACK SUPERVISOR		
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
HC2I OHIO STATE CREW (C-7)		09/23	RON CARTER	20	SPIKE 100/0700	SPIKE 100/1900
HC2 BIRRUETA REFORESTATION (C-10)		09/21	JOSE IBARRA	20	SPIKE 100/0700	SPIKE 100/1900
HEQB BERNARDI (O-26)		09/22	CARL BERNARDI	1	ICP/0700	ICP/1900
HEQB HUFFMAN (O-87)		09/24	MICHAEL HUFFMAN	1	ICP/0700	ICP/1900
HEQB MYHRA (O-88)		09/25	ANDREW MYHRA	1	ICP/0700	ICP/1900
DOZ2 HENTHORN EQUIPMENT (E-60)		09/24	JEFF HENTHORN	2	ICP/0700	ICP/1900
READ/REAF HAGLUND (O-65)		09/21	JESSICA HAGLUND	1	ICP/0700	ICP/1900
EMPF ZUNIGA (O-49)		09/22	DANIEL ZUNIGA	1	SPIKE 100/0700	SPIKE 100/1900
EMTF HAMER (O-30)		09/21	BRYAN HAMER	1	SPIKE 100/0700	SPIKE 100/1900
SOFR KNIPE (O-28)		09/22	MARTEL KNIPE	1	SPIKE 100/0700	SPIKE 100/1900
6. Control Operations/Work Assignments:						
Patrol fires edge.						
Hold and mop-up as needed.						
Chip slash on roads that have been previously brushed.						
7. Special Instructions:						
Make sure wear proper PPE around chipper and do tailgate safety session.						
MT. SHASTA AMBULANCE (MEDIC 70) @ DP-110 DURING DAY SHIFT, UNLESS DIRECTED OTHERWISE.						
AMBULANCE WILL BE SPIKED @ DP-100 DURING NIGHT SHIFT, AVAILABLE TO RESPOND IF NEEDED.						
8. Division/Group Communication Summary						
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COMMAND	1 (CMD 1)	170.4500		168.1000	T-9 (100.0)	A
COMMAND	2 (CMD 2)	169.5375		164.7125	T-9 (100.0)	A
TACTICAL	3 (TAC 1)	168.0500		168.0500	T-9 (100.0)	A
AIR TO GROUND	13 (CDF A/G)	159.3450		159.3450	T-16 (192.8)	A
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
KRYSTLE GLEASON / MARISA WILLIAMS (T)			PAUL ZERR (T) 		09/12/2019	2030

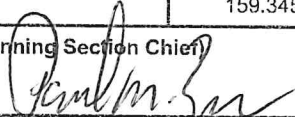
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SOUTH FIRE			<b>Branch:</b>		<b>Division/Group:</b>	
<b>2. Operational Period:</b> DAY					XX	
Date/Time From: 09/13/2019 0700 FRI		Date/Time To: 09/13/2019 1900 FRI				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		ALEC LANE ROBERT RICE (T)		<b>DIVISION/GROUP SUPERVISOR</b>		ADRIAN VILLEGAS
<b>PLANNING OPS</b>		MIKE KLIMEK TROY MUELLER (T)		<b>AIR ATTACK SUPERVISOR</b>		
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
HC2 PATRICK ENVIRONMENTAL (C-8)	09/21	PHILLIP RIDGLEY	20	SPIKE 100/0700	SPIKE 100/1900	
HC2 PACIFIC OASIS (C-15)	09/23	DONOVAN CULP	20	SPIKE 100/0700	SPIKE 100/1900	
HC2 BIRRUETA REFORESTATION (C-9)	09/21	ANTONIO BIRRUETA	20	SPIKE 100/0700	SPIKE 100/1900	
ENG3 JACKSONVILLE 25 (E-2)	09/19	LUKE SCHONEBERGER	3	ICP/0700	ICP/1900	
ENG3 FIREMOG 442 (E-3)	09/19	KEVIN STULTZ	3	ICP/0700	ICP/1900	
WTS2 VALLEY TIMBER (E-11)	09/21	CHRIS CONRAD	1	ICP/0700	ICP/1900	
WTS2 WARREN PARTRIDGE (E-66)	09/23	CHEQUITA PEACOCK	1	ICP/0700	ICP/1900	
WTS2 DARRAH LOGGING (E-77)	09/24	RICK RESH	1	ICP/0700	ICP/1900	
TFLD NORMAN (O-118)	09/21	JONATHAN NORMAN	1	ICP/0700	ICP/1900	
TFLD SANDERS (O-18)	09/20	BILL SANDERS	1	ICP/0700	ICP/1900	
TFLD(T) GILBERT (O-91)	09/24	GREG GILBERT	1	ICP/0700	ICP/1900	
HEQB WEBB (O-86)	09/24	JOSEPH WEBB	1	ICP/0700	ICP/1900	
HEQB HOGGARD (O-79)	09/24	WILLIE HOGGARD	1	ICP/0700	ICP/1900	
HEQB(T) HALL (O-102)	09/24	JAMES HALL	1	ICP/0700	ICP/1900	
HEQB(T) KRIZMAN (O-20)	09/22	JAMES KRIZMAN	1	ICP/0700	ICP/1900	
HEQB(T) LOSCUDO (O-101)	09/24	SEAN LOSCUDO	1	ICP/0700	ICP/1900	
DOZ2 GREGORY (E-15)	09/21	TOM GREGORY	2	ICP/0700	ICP/1900	
DOZ2 ROSEVEAR (E-16)	09/20	JACK ROSEVEAR	3	ICP/0700	ICP/1900	
DOZ2 NORTHWESTERN (E-61)	09/23	KENNY DINNING	2	ICP/0700	ICP/1900	
FOBS OBERHARD (O-43)	09/22	BRANDON OBERHARD	1	ICP/0700	ICP/1900	
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1 (CMD 1)	170.4500		168.1000	T-9 (100.0)	A
COMMAND	2 (CMD 2)	169.5375		164.7125	T-9 (100.0)	A
TACTICAL	6 (TAC 5)	166.7750		166.7750	T-9 (100.0)	A
AIR TO GROUND	13 (CDF A/G)	159.3450		159.3450	T-16 (192.8)	A
<b>9. Prepared By (Resource Unit Leader)</b>		<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>	
KRYSTLE GLEASON / MARISA WILLIAMS (T)		PAUL ZERR (T) 		09/12/2019	2030	

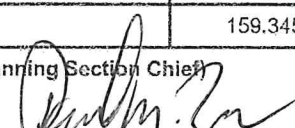
**Division/Group Assignment List (ICS 204 WF)**  
 Controlled Unclassified Information//Basic

<b>1. Incident Name:</b>				<b>3.</b>			
SOUTH FIRE				Branch:		Division/Group:  <b>XX</b>	
<b>2. Operational Period:</b> DAY							
Date/Time From: 09/13/2019 0700 FRI		Date/Time To: 09/13/2019 1900 FRI					
<b>4. Operations Personnel</b>							
<b>OPERATIONS CHIEF</b>		ALEC LANE ROBERT RICE (T)		<b>DIVISION/GROUP SUPERVISOR</b>		ADRIAN VILLEGAS	
<b>PLANNING OPS</b>		MIKE KLIMEK TROY MUELLER (T)		<b>AIR ATTACK SUPERVISOR</b>			
<b>5. Resources Assigned this Period</b>							
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
FOBS(T) AZEVEDO (O-115)		09/25	HALL AZEVEDO	1	ICP/0700	ICP/1900	
EMPF ZUNIGA (O-49)		09/21	DANIEL ZUNIGA	1	SPIKE 100/0700	SPIKE 100/1900	
EMTF HAMER (O-30)		09/21	BRYAN HAMER	1	SPIKE 100/0700	SPIKE 100/1900	
SOFR KNIPE (O-28)		09/22	MARTY KNIPE	1	SPIKE 100/0700	SPIKE 100/1900	
<b>6. Control Operations/Work Assignments:</b>							
Continue to improve handline along fire's edge and Nuisance Ridge.							
Hold and mop-up as needed.							
Chip slash on roads that have been previously brushed.							
<b>7. Special Instructions:</b>							
Make sure wear proper PPE around chipper and do tailgate safety session.							
MT. SHASTA AMBULANCE (MEDIC 70) WILL BE @ DP-110 DURING DAY SHIFT, UNLESS DIRECTED OTHERWISE.							
AMBULANCE WILL BE SPIKED @ DP-100 DURING NIGHT SHIFT, AVAILABLE TO RESPOND IF NEEDED.							
<b>8. Division/Group Communication Summary</b>							
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode	
COMMAND	1 (CMD 1)	170.4500		168.1000	T-9 (100.0)	A	
COMMAND	2 (CMD 2)	169.5375		164.7125	T-9 (100.0)	A	
TACTICAL	6 (TAC 5)	166.7750		166.7750	T-9 (100.0)	A	
AIR TO GROUND	13 (CDF A/G)	159.3450		159.3450	T-16 (192.8)	A	
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>			<b>Date</b>	
KRYSTLE GLEASON / MARISA WILLIAMS (T)			PAUL ZERR (T) 			09/12/2019	
						2030	

**Division/Group Assignment List (ICS 204 WF)**  
Controlled Unclassified Information//Basic

<b>1. Incident Name:</b>		<b>3.</b>				
SOUTH FIRE		<b>Branch:</b>		<b>Division/Group:</b>		
<b>2. Operational Period:</b>		<b>DAY</b>				
Date/Time From: 09/13/2019 0700 FRI		Date/Time To: 09/13/2019 1900 FRI		<b>CONTINGENCY</b>		
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		ALEC LANE ROBERT RICE (T)		<b>DIVISION/GROUP SUPERVISOR</b>		DREW BROWN
<b>PLANNING OPS</b>		MIKE KLIMEK TROY MUELLER (T)		<b>AIR ATTACK SUPERVISOR</b>		
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
HC1 IDAHO PANHANDLE IHC (C-1)		09/22	CHRIS SMITH	21	SPIKE 100/0700	SPIKE 100/1900
ENG3 FIRESTORM 9908 (E-4)		09/17	JAMES AURENTZ	3	SPIKE 100/0700	SPIKE 100/1900
ENG6 VOLCANO 1 (E-7)		09/19	JOHN WICKSTROM	3	SPIKE 100/0700	SPIKE 100/1900
ENG6 MT ADAMS 624 (E-8)		09/20	CHUCK NEWBERRY	3	SPIKE 100/0700	SPIKE 100/1900
WTT2 LOOMIS FIRE (E-37)		09/24	RONNIE HERNANDEZ	2	SPIKE 100/0700	SPIKE 100/1900
FELB SMITH (O-40)		09/23	PAUL SMITH	1	ICP/0700	ICP/1900
FOBS MALONEY (O-131)		09/21	JAMES MALONEY	1	ICP/0700	ICP/1900
FOBS CANN (O-44)		09/22	BRUCE CANN	1	ICP/0700	ICP/1900
FOBS SCHROEDER (O-129)		09/23	KRIS SCHROEDER	1	ICP/0700	ICP/1900
READ GRAVES (O-63)		09/22	KENNETH GRAVES	1	ICP/0700	ICP/1900
EMPF LARKIN (O-47)		09/22	MIKE LARKIN	1	SPIKE 100/0700	SPIKE 100/1900
EMTF BRODBECK (O-29)		09/21	MICHAEL BRODBECK	1	SPIKE 100/0700	SPIKE 100/1900
SOFR2 BARNHART (O-37.25)		09/22	JEFF BARNHART	1	SPIKE 100/0700	SPIKE 100/1900
<b>6. Control Operations/Work Assignments:</b>						
Scout and improve the 9W36 Humboldt Trail from DP-120 to the Northwest.						
Scout existing road systems for access points between Road 35 and Humboldt Trail.						
<b>7. Special Instructions:</b>						
MT. SHASTA AMBULANCE (MEDIC 70) @ DP-110 DURING DAY SHIFT, UNLESS DIRECTED OTHERWISE.						
AMBULANCE WILL BE SPIKED @ DP-100 DURING NIGHT SHIFT, AVAILABLE TO RESPOND IF NEEDED.						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1 (CMD 1)	170.4500		168.1000	T-9 (100.0)	A
COMMAND	2 (CMD 2)	169.5375		164.7125	T-9 (100.0)	A
TACTICAL	7 (TAC 6)	168.2500		168.2500	T-9 (100.0)	A
AIR TO GROUND	13 (CDF A/G)	159.3450		159.3450	T-16 (192.8)	A
<b>9. Prepared By (Resource Unit Leader)</b>		<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>	
KRYSTLE GLEASON / MARISA WILLIAMS (T)		PAUL ZERR (T) 		09/12/2019	2030	

**Division/Group Assignment List (ICS 204 WF)**  
Controlled Unclassified Information//Basic

1. Incident Name:			3.			
SOUTH FIRE			Branch:		Division/Group:	
2. Operational Period: NIGHT					NIGHT	
Date/Time From: 09/13/2019 1900 FRI		Date/Time To: 09/14/2019 0700 SAT				
4. Operations Personnel						
OPERATIONS CHIEF		ALEC LANE ROBERT RICE (T)		DIVISION/GROUP SUPERVISOR		MATT DONNELLY
PLANNING OPS		MIKE KLIMEK TROY MUELLER (T)		AIR ATTACK SUPERVISOR		
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
HC2I PENNSYLVANIA CREW (C-19)		09/23	JAKE GLICK	20	ICP/1900	ICP/0700
ENG3 HOOPA 9532 (E-1)		09/19	ROCKY COLEGROVE	4	ICP/1900	ICP/0700
ENG6 BELLA 452 (E-6)		09/19	LIEF LARSON	3	ICP/1900	ICP/0700
WTT2 TRI-STATE FIRE 74 (E-36)		09/23	FRANCESCO MOORE	2	ICP/1900	ICP/0700
6. Control Operations/Work Assignments:						
Monitor fire behavior in Glade.						
Provide point protection as needed in Glade, Buck Camp, and Tomhead Mountain.						
7. Special Instructions:						
Use East travel corridor for travel in and out.						
MOUNT SHASTA AMBULANCE (MEDIC 70) @ DP 110 DURING DAY SHIFT, UNLESS DIRECTED OTHERWISE.						
AMBULANCE WILL BE SPIKED AT DP 100 DURING NIGHT SHIFT, AVAILABLE TO RESPOND IF NEEDED.						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1 (CMD 1)	170.4500		168.1000	T-9 (100.0)	A
COMMAND	2 (CMD 2)	169.5375		164.7125	T-9 (100.0)	A
TACTICAL	5 (TAC 4)	166.7250		166.7250	T-9 (100.0)	A
AIR TO GROUND	13 (CDF A/G)	159.3450		159.3450	T-16 (192.8)	A
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
KRYSTLE GLEASON / MARISA WILLIAMS (T)			PAUL ZERR (T) 		09/12/2019	2030

**AIR OPERATIONS SUMMARY**

Prepared By: Kerry Koskela

Prepared Date: 12 Sept, 2019

Prepared Time: 1700

<b>1. INCIDENT NAME:</b> South Fire	<b>2. OPS PERIOD DATE:</b> 13 Sept, 2019	<b>START TIME:</b> 0700	<b>END TIME:</b> 2000	<b>SUNRISE:</b> 06:48	<b>SUNSET:</b> 19:21
<b>3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.):</b> Supplement to the Red Bank ICS 220 for aircraft working on the South Fire, north of Cottonwood Creek. Air to Ground Command should be used for longer conversations and briefings or when Tactical Air to Ground is congested. 3000 Gallon dip tank at helispot – 100 for use by medium helicopters.		<b>4. READY ALERT AIRCRAFT MEDEVAC - See Medical Plan</b>			
		<b>5. TFR #: 9/4967</b> Altitude: 11,000' MSL Frequency : 132.2750 <b>Polygon corners:</b> 40°15'00"N X 122°58'00"W 40°15'00"N X 122°33'00"W 40°02'00"N X 122°33'00"W 40°02'00"N X 122°58'00"W			

<b>6. PERSONNEL</b>	<b>NAME</b>	<b>PHONE #</b>	<b>7. FREQUENCIES</b>	<b>AM</b>	<b>FM</b>	<b>8. FIXED-WING- Type/ Make-Model/ N#/ Base</b>
AOBD South Fire	Kerry Koskela	559-359-2122	FAA tower	119.4250		
AOBD Red Bank Fire	Ethan Darnall Sean Ohara (t)	530-200-2514 530-448-2414	Air to Air R/W & TFR Air Tactics FW	132.2750	169.4875	AIRTANKERS- TBA LEAD PLANES- TBA
ASGS			Air to Ground Tactical		159.3450 Tone 16 (192.8) Tx & Rx	ATGS AIRCRAFT- TBA
ATGS			Air to Ground Command		167.0625	
HEB1			Command See Communications Plan			
			DECK		163.1000	
			CALCORD tone guarded both sides		156.0750 Tone 6 (156.7)Tx & Rx	
			Air Guard		168.6250 Tone 1 (110.9)Tx & Rx	

**9. HELICOPTERS (Use Additional Sheets as Necessary)**

Call Sign	TY	MAKE/ MODEL	BASE	AVAIL	START	REMARKS	Call Sign	TY	MAKE/ MODEL	BASE	AVAIL	START	REMARKS
H-506	2	Bell 205	Red Bluff	0700	0800	A-8	H-507	2	Cobra	Redding	0800	0900	HILCO
1KA	1	KMAX	Red Bluff	1000	1100								
3CH	1	CH47D	Red Bluff	1000	1100								


**10. MISSIONS**

Water dropping as requested
Cargo to Div QQ spike

Controlled Unclassified Information//Basic

AIR OPERATIONS SUMMARY ICS-220										Time Prepared	Date Prepared	Prepared By				
Incident Name / Number		Sunrise	Startup	Cutoff	Sunset	Shutdown		Operational Period - Date		Operational Period - Time						
RED BANK / CA-TGU-009386		649	719	1851	1921	1520		Thursday, September 12, 2019		Sean O'Hara						
<b>General Remarks, Safety Notes, Hazards, Air Operations Special Equipment, etc.</b> TRACK ALL DIPSITE LOCATIONS / NUMBER OF DIPS / GALLONS TAKEN. TRACK ALL DROP LOCATIONS / NUMBER OF DROPS / GALLONS DROPPED ALL GPS DATA TO BE COLLECTED IN DEGREES, MINUTES, DECIMAL MINUTES, FORMAT. AVOID Aerial Application of Retardant / Foam / Agent within 300' of Waterways, Bodies of Water, etc. If Retardant / Foam / Agent is Dropped Within These Areas Immediately Notify the AOB and Provide the Following Information: Lat / Long, Estimated Number of Gallons and a Map Detailing The Area.										<b>Helibase Information</b> Name Red Bluff Latitude 40° 09.35' Longitude 122° 15.02"		<b>TFR Information</b> Request # A-101 Polygon: NM Altitude: 11,000 MSL Centerpoint: 40°07.20' Lat 122° 38.40' Long NOTAMS: 9/4967 Frequency 132.2750 <a href="http://tfr.faa.gov/tfr2/list.html">http://tfr.faa.gov/tfr2/list.html</a>		<b>Rescue Ship Information</b> Name C205 Phone 530-321-4338 Make/Model UH-1H Location Red Bluff Incident Communications See Medical Plan For Additional Info		
Frequencies		TX	Tone	RX	Tone	AM / FM	Position	Name	Phone	Trainee	Phone					
Command		159.3900	110.9 (1)	151.4600	103.5 (6)	FM	AOBD	Elhan Darnall	530-200-2514	Sean O'Hara	530-449-2414					
AIR / GROUND		159.3450	192.8 (16)	159.3450	192.8 (16)	FM	ASGS	Gerry Megalia	530-200-2512							
AIR/AIR ROTARY WING		132.2750		132.2750		AM	HEBM	Niko Matteoli	704-489-2460							
Helico Briefing		134.0250		134.0250		AM										
AIR TACTICS		169.4875		169.4875		FM										
FAA Temp Tower		119.4250		119.4250		AM	HLCO	Skye McGregor	530-521-8748							
TOLC		123.0250		123.0250		AM	HLCO	Byron Vance	530-588-4516							
DECK		163.1000		163.1000		FM	AAML	Tim Shiffer	650-245-1715							
CALCORD - MEDICAL		156.0750	156.7 (6)	156.0750	156.7 (6)	FM										
AIRGUARD - Emergency Only		188.6250	110.9 (1)	188.6250		FM										
HELICOPTERS ( Use page 2 if Needed )																
FAA #	Type	Make/Model	Helibase	Avail	Start	Remarks	FAA #	Type	Make/Model	Helibase	Avail	Start	Remarks			
205	II	UH1H	Red Bluff	0700	0800	Red Bank A-9										
811KA	II	212HP	Red Bluff	0700	0800	Red Bank A-35										
3604T	III	ASTAR	Red Bluff	0700	0800	Red Bank A-38										
FIXED WING ( Use Page 2 if Needed )																
FAA #	Type	Make/Model	Base	Avail	Start	Remarks	FAA #	Type	Make/Model	Base	Avail	Start	Remarks			



INCIDENT RADIO COMMUNICATIONS PLAN			Incident Name <b>SOUTH CA-SHF-001209</b>			Date/Time Prepared 09/12/19 1700		Operational Period Date/Time <b>09/13/2019 DAY / NIGHT 0700-0700</b>	
Only frequencies listed on this 205 are authorized for use on this incident.			Hand programmers accept all responsibility for the use of unauthorized frequencies.						
Ch #	Function	Channel Name	Assignment	RX Freq	RX Tone	TX Freq	TX Tone	Mode	Remarks
1	NIFC C-2	CMD 1	SOUTH COMMAND 1	170.4500	T-9 (100.0)	168.1000	T-9 (100.0)	A	TOMHEAD LOOKOUT USE TONE 9 (100.0)
2	NIFC C-8	CMD 2	SOUTH COMMAND 2	169.5375	T-9 (100.0)	164.7125	T-9 (100.0)	A	TEPOC MT. USE TONE 9 (100.0)
3	NIFC T-1	TAC 1	DIVISION VW TACTICAL	168.0500	T-9 (100.0)	168.0500	T-9 (100.0)	A	DIVISION VW TACTICAL USE TONE 9 (100.0)
4	NIFC T-3	TAC 3	DIVISION QQ TACTICAL	168.6000	T-9 (100.0)	168.6000	T-9 (100.0)	A	DIVISION QQ TACTICAL USE TONE 9 (100.0)
5	NIFC T-4	TAC 4	DIVISION RR / NIGHT/ TACTICAL	166.7250	T-9 (100.0)	166.7250	T-9 (100.0)	A	DIVISION RR TACTICAL USE TONE 9 (100.0)
6	NIFC T-5	TAC 5	DIVISION XX TACTICAL	166.7750	T-9 (100.0)	166.7750	T-9 (100.0)	A	DIVISION XX TACTICAL USE TONE 9 (100.0)
7	NIFC T-6	TAC 6	CONTINGENCY	168.2500	T-9 (100.0)	168.2500	T-9 (100.0)	A	UNASSIGNED
8	SHF REPEAT	SHF-R	SHF CONTACT	171.5750		165.0125	T-12 (127.3)	A	EMERGENCY CONTACT FOR SHF DISPATCH TONE 12 (127.3)
9	SHASTA REPEAT	SHF-R	SHF CONTACT	171.5750		165.0125	T-14 (151.4)	A	EMERGENCY CONTACT FOR SHF DISPATCH USE TONE 14 (151.4)
10	CDF COMMAND 7	CDF CMD 7	CDF COMMAND 7	151.4600	T-8 (103.5)	159.3900	T-1 (110.9)	A	RED BANK COMMAND
11									
12									
13	AIR TO GROUND	CDF A/G	RED BANKS AIR TO GROUND	159.3450	T-16 (192.8)	159.3450	T-16 (192.8)	A	USE TO CONTACT AIR ATTACK TO GET AIR RESOURCES TO SOUTH
14	AIR TO GROUND	A / G	SOUTH AIR TO GROUND TACTICAL	167.0625		167.0625		A	SOUTH FIRE AIR TO GROUND TACTICAL NO TONE
15	CALCORD	CALCORD	MEDICAL	156.0750	T-6 (156.7)	156.0750	T-6 (156.7)	A	MEDICAL EVAC. USE TONE 6 (156.7)
16	AIR GUARD	AIR GUARD	EMERGENCY ONLY	168.6250		168.6250	T-1 (110.9)	A	EMERGENCY ONLY
Prepared by			Incident Location						
RICK STONE COML 			SOUTH ICP						

**SOUTH FIRE INCIDENT RISK ANALYSIS (215a)**  
**September 13 - 14, 2019 (0700 to 0700)**

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES
ALL	Medical Emergencies	<p>~ <b>Contact South Comm for Medical Emergencies, Notify Division Supervisor immediately</b></p> <p>~ Review, understand and discuss with your resources the Medical Plan in the IAP.</p> <p>~ Refer to the Medical Incident Report on pages 118 – 119 in 2018 IRPG for info into Communications</p> <p>~ <b>Develop Division/Crew Pre-Plan in block #6 on the Medical Plan and fill in necessary information to assist you with an Incident within an Incident.</b></p> <p>~ Base all operational decisions and activities on these 3 questions:</p> <ol style="list-style-type: none"> <li>1.) What are we going to do if someone gets hurt?</li> <li>2.) How will we get them out of here?</li> <li>3.) How long will it take to get them to a hospital?</li> </ol> <p>~ If the answers are insufficient, stop, re-assess and consider alternate strategies and tactics.</p> <p>~ <b>Have Alternate plan in place when aircraft is grounded due to visibility issues.</b></p> <p>~ If air or ground ambulance is delayed: package and transport patient to rendezvous with incoming ambulance.</p> <p>~ Re-route EMS helicopter to rendezvous point as appropriate</p> <p>~ Review page 2 in IRPG 2018 for briefing subordinates.</p> <p>~ If Night extraction by Air Ambulance with Hoist capabilities and NVG (Night Vision Goggles) is required, the following will assist in a smooth extraction.</p> <ul style="list-style-type: none"> <li>* <u>Minimum</u> of a 20' x 20' clearing</li> <li>* 3 GREEN Glow Sticks placed on edges of clearing forming a triangle to assist pilot in visual horizon.</li> <li>* Turn ALL headlamps and vehicle lights OFF</li> <li>* Communicate with Air Ambulance on CALCORD tone 6</li> </ul> <p>~ <b>Be aware of Rotor Wash &amp; its effect on Fire behavior when the extraction point is next to an active fires edge.</b></p> <ul style="list-style-type: none"> <li>• <b>If possible, MOVE patient to an area with less fire activity</b></li> </ul>
ALL	Driving & Traffic	<p>~ There is NO need to be in a hurry, or to drive fast. You get paid by the hour. Drive Cautiously</p> <p>~ <b>Practice “Defensive Driving” techniques traveling on all roads in both rural and urban settings</b></p> <p>~ Slowdown in limited visibility (smoky/dusty) &amp; congested areas. Increase following distances to allow dust to settle, &amp; to allow for reaction time lag. Use low beam headlights</p> <p>~ Honk horn to alert personnel when backing. Use spotters when available</p> <p>~ Pull over to allow oncoming traffic to pass on a narrow road base. If required to back-up at night, have the vehicle in front of you turn their headlights to "running lights" to eliminate night blindness while you back out of the way. Utilize a backer.</p> <p>~ Expect two way traffic on one lane roads. Stay on your side, and approach corners with caution</p> <p>~ Headlights ON. Manually turn on Headlights. Most vehicles have "auto" headlights</p> <p>~ <b>NO riding in the back of pick-ups. It is against the Law.</b></p>
ALL	Hydration & Heat Illness	<ul style="list-style-type: none"> <li>• <b>Pre-hydrate, Re-hydrate! Dehydration is preventable.....Drink a <u>minimum</u> of 250ml/hour; (¼ of canteen)</b></li> <li>• <b><u>Water Intoxication</u> Drinking TOO much water, upsetting electrolyte balances can decrease sodium in the blood to dangerously low levels, causing mild to life-threatening problems</b></li> <li>• Drink water &amp; Electrolyte drinks before, during, and after shifts. (2 waters to 1 sports drink).</li> <li>• <b>Do NOT mix with water</b> or dilute electrolyte drink. It must be consumed as is for the body to absorb properly.</li> <li>• Pace work to avoid heat injuries</li> <li>• Heat exhaustion is characterized by: Weakness, Extreme Fatigue, Nausea, Dizziness &amp; Headaches, clammy skin, persistent muscle cramps, decreased urine output. <ul style="list-style-type: none"> <li>o <b>Cool patient as quickly as possible!</b></li> <li>o Move patient to a cooler location and provide cold water and sports drink.</li> <li>o Actively reduce core temperature through evaporation by fanning patient.</li> <li>o Remove Patient from fire line and seek medical attention</li> <li>o Cover head and neck with wet cloth, increase air movement.</li> <li>o Heat exhaustion is characterized by: Weakness, Extreme Fatigue, Nausea, Dizziness, Headaches, clammy skin, persistent muscle cramps, and decreased urine output</li> </ul> </li> <li>• Refer to Medical Plan in IAP for additional <b>EMS care and Evacuation</b></li> </ul>
RR	Firing Operations & Devices	<p>~ Ensure ground ignition plans are relayed to all adjoining resources</p> <p>~ One qualified individual (Burn Boss) must be responsible for controlling and directing the firing operation. Identify the Firing Boss, Holding Boss and let them be known</p> <p>~ Only personnel trained in the use of each device will be authorized to use firing equipment.</p> <p>~ Brief all resources including adjoining Divisions on the approved plan</p> <p>~ Before firing operations begin, ensure that: Lookouts are in place, Communications are established, escape routes are known to all &amp; not compromised by the firing operations or vehicles blocking the roadways.</p> <p>~ All vehicles will be staged in the direction of the "Escape Route", &amp; the plan has been approved and relayed to adjoining resources</p> <p>~ Utilize the "Risk Management Process" on pg 1 in IRPG for implementing the plan</p> <p>~ Wear appropriate PPE.</p> <p>~ <b>Keep your Escape Routes and Safety Zones free of vehicles and equipment</b></p>

**SOUTH FIRE INCIDENT RISK ANALYSIS (215a)**  
**September 13 - 14, 2019 (0700 to 0700)**

XX WW	<b>Heavy Equipment Operations</b>	<ul style="list-style-type: none"> <li>~ Establish visual &amp; radio communication methods are in place prior to engaging</li> <li>~ Never work directly below heavy equipment. Post lookouts for dislodged rocks or logs that could impact personnel or vehicles if working with equipment.</li> <li>~ Make positive eye contact with operator before approaching. Approach only when the equipment is idled down, all implements have been lowered to the ground, and you're invited toward the cab</li> <li>~ Maintain a 50'-100' exclusion area around equipment and increase it to 1 1/2 times tree height when in timber. Increase distance to 300'+ when working with Masticators.</li> <li>~ Close roads or trails if necessary for public safety</li> <li>~ Correctly wear all required PPE</li> <li>~ Refer to pg 80 in IRPG</li> </ul>	
ALL	<b>Rocky, Rugged Terrain</b>	<ul style="list-style-type: none"> <li>~ <b>Unforgiving terrain. Ensure you remain focused when walking.</b></li> <li>~ Maintain 8'-10' spacing when working &amp; walking. <ul style="list-style-type: none"> <li>• Evaluate the necessity to send personnel in areas with limited access. Evaluate the type of resources needed to do the job if required</li> </ul> </li> <li>~ High Potential for lower leg injuries. Take your time when hiking in and around your work area</li> </ul>	
ALL	<b>Fire Behavior</b>	<ul style="list-style-type: none"> <li>~ Provide weather forecasts/observations for all personnel assigned during Operational briefings</li> <li>~ Update field personnel via the Command Channel when significant weather changes are observed that could impact area</li> <li>~ Develop Management Action Points/Trigger Points for disengagement of resources and make them known to all. Re-assess as needed.</li> <li>~ Use "Risk Management Process" prior to engaging in suppression actions, referring to pg 1, IRPG, 2108</li> <li>~ Ensure LCES is in place before engagement of resources</li> </ul>	
ALL	<b>Hazard Trees</b>	<ul style="list-style-type: none"> <li>~ Scout work area for aerial hazards prior to engagement to ensure a safe work area</li> <li>~ Follow "Hazard Tree Safety" guidelines, page 22, 23 in IRPG, 2018</li> <li>~ Look up, down and around for Hazard Tree indicators. Info on pg 22 IRPG, 2018</li> <li>~ Post lookouts, or use a spotter in mop-up areas with personnel.</li> <li>~ Don't park vehicles or take breaks in high concentrations of hazard trees.</li> <li>~ Establish trigger points for disengagement during high wind events.</li> <li>~ Remember that the hazard zone extends a minimum of 2 1/2 tree heights.</li> <li>~ Utilize pg 85 in the IRPG, 2018 for Procedural Felling Operations</li> <li>~ <b>No "Felling" of any tree at Night, or during High Wind events.</b></li> <li>~ Flag off areas of concern, communicate to Division, adjoining resources, and brief relief resources until hazards have been mitigated</li> <li>~ <b>Post a "Lookout" if possible to control the area of concern</b></li> </ul>	
ALL	<b>Biting, Stinging Insects, &amp; Critters (Rattle Snakes, Bees, Mosquitoes, Scorpions, Ticks, Wildlife, etc)</b>	<ul style="list-style-type: none"> <li>• If allergic to bee stings, let your DIVS &amp; Medic/EMT's know.</li> <li>• <b>Leave the snakes alone! Snakes and Scorpions are in Fire Camp too! Shake your boots out, check sleeping bag and check under your tent. They like to snuggle. If found in camp, notify Logistics</b></li> <li>• Use bug spray to minimize mosquito bites.</li> <li>• Check yourself daily for tick bites.</li> <li>• <b>Leave wildlife alone. Backhaul ALL Trash please.</b></li> </ul>	
INCIDENT NAME <b>SOUTH FIRE</b>  ICS 215a		DATE PREPARED: <p style="text-align: center;"><b>September 12, 2019</b></p>	OPERATIONAL PERIOD <b>Sept 13 - 14, 2019 (0700 – 0700)</b>  Prepared by: Tanzi – SOF1, Barnhart – SOF2,
		TIME PREPARED: <b>1900 HOURS</b>	



Today's discussion is from the  
Fireline Safety Category.

## BACKFIRING OR BURNOUT OPERATIONS

Backfiring or burnout operations are often critical operations in the fire management job. If planned and executed correctly, they can speed control of a fire and greatly reduce suppression costs. Conversely, if done incorrectly, they can endanger personnel, extend control time and increase cost. Safety considerations must always be given first priority. No backfiring or burnout action, regardless of strategic importance or other critical factors, is worth risking one human life!

- Backfiring or burnout operations must not jeopardize the safety of personnel or equipment or compromise suppression actions on adjacent portions of the fireline.
- One qualified individual must be responsible for controlling and directing the firing operation.
- Before beginning backfiring or burnout operations, assure that:
  - Lookouts are posted.
  - Communications are established with both firing and holding teams.
  - Escape routes and safety zones are established, known to all resources, and will not be compromised by the firing operations.
  - Has it been approved and relayed to adjoining forces?
- If it is necessary, and time allows, concentrations of fuel adjacent to and inside the control line should be removed.
- Fuel outside the control line may be removed; concentrations of fuel may be scattered, covered with foam or wet down, or treated by ground or aerial retardant applications.
- Critical points such as hooks in the fireline, saddles or canyon may require extra holding forces.

**References:**

Fireline Handbook

Interagency Standards for Fire and Fire Aviation Operations

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**Have an idea? Have feedback? Share it.**

ONLINE | MAIL: 6 Minutes For Safety Task Group • 3833 S. Development Ave • Boise, ID 83705 | FAX: 208-387-5250

6 Minutes Home



Human Resource Message  
South Fire  
Friday, September 13, 2019

**HUMAN RESOURCE MESSAGE**

**FIRE**

Fatigue..... Be aware of fatigue having a negative impact on your conduct and speech

Integrity..... Integrity and Honesty are vital on a fire. If you mess up, fess up, whatever you did can most likely be fixed if you report it as soon as you are aware of it.

Respect..... Treat others as you would like to be treated

Example..... Set an example. Realize you influence others around you, therefore, always conduct yourself in a professional and competent manner, but still have fun!

Feel free to call/text or come by the HRSP trailer if you have questions, concerns, or just want to chat.

**Todd Morrow - (HRSP) – (707) 373-0204**

Date & Time Order was placed:		Order #	Location & Time for Delivery (DIV,LZ,DP,Lat Long)		Mode of delivery
		(DIVS+#)			(Driven/Helo/DIVS to Pick up)
			Lat:		
			Long:		
Order received in Communications by (Name):					Time:
Order shipped to line by (Name): (Send this sheet to the line with the order)					Time:
#	Item				
1	<b>1,000 Foot Hose Lay includes the following: Amount _____</b>				
	10, 100'x1½" Rolls Hose; 10, 100'x1" Rolls Hose; 10, 1½" Gated Wyes; 10, 1½" to 1" reducers; 10, 1" nozzles				
2	<b>2,000 Foot Hose Lay includes the following: Amount _____</b>				
	20, 100'x1½" Rolls Hose; 20, 100'x1" Rolls Hose; 20, 1½" Gated Wyes; 20, 1½" to 1" reducers; 20, 1" nozzles				
3	<b>3,000 Foot Hose Lay includes the following: Amount _____</b>				
	30, 100'x1½" Rolls Hose; 30, 100'x1" Rolls Hose; 30, 1½" Gated Wyes; 30, 1½" to 1" reducers; 30, 1" nozzles				
#	Item	Amount	#	Item	Amount
4	Hose (50') garden, 3/4"		30	Gas Unleaded (Gallons)	
5	Hose (100'), 1"		31	Oil 2 cycle, (Pints)	
6	Hose (100'), 1½"		32	Bar Oil (Qts)	
7	Nozzle, Garden, 3/4"		33	Drip Torch ea	
8	Nozzle, Forester, 1"		34	Drip torch mix 3.5:1.5 (gallon)	
9	Nozzle, KK Type, 1"		35	Fusees (Boxes or cases)???	
10	Nozzle, KK Type, 1½"		36	Flare Gun Rounds (12/BX)	
11	Wye, Gated, 3/4"		37	Cartridge #6 purple (box)	
12	Wye, Gated, 1"		38	Batteries "AA" PKGs(24/PKG)/BX	
13	Wye, Gated, 1½"		39	Ribbon, Flagging (Specify Color)*	
14	Inline-Tee, 1x1x3/4"		40	Water, Cubies	
15	Inline-Tee, 1x1x1"		41	Water, Bottled, Cases	
16	Inline-Tee (1½" X 1")		42	Gatorade	
17	Reducer, 1" X 3/4"		43	MRE's (12/BX)	
18	Reducer, 1½" X 1"		44	Heavy Mill Plastic	
19	Increaser, 3/4" X 1"		45	Washcloth, waterless, cleansing	
20	Increaser, 1" X 1½"		46	Wrap, Structure 54"x300'	
21	Foam 5 gal		47	Sprinkler Kit	
22	Foam 4 oz (For Backpack Pump)		48	Mark 3 Pump	
23	Backpack Pump		49	Mark 3 Pump Kit- w/10 gal mixed fuel	
24	Pumpkin (Gallons?)		50	Chainsaw Kit	
25	Porta-Tank (Gallons?)		51	Mop-Up Kit, 3-Wand	
26	Shovel		52	Pump Kit, Lightweight, 2 Cycle	
27	Pulaski		53	Gas, Raw and 2 qts 2-cycle oil, ea	
28	Combi Tool		54	Lightweight Pump Kit-Cache w/5gal fuel	
29	McCloud		55	Gas, raw (gal) and 1 qt 2-cycle oil, ea.	
	Notes:			Notes:	





## MEDICAL PLAN (ICS 206 WF)

<b>1. Incident/Project Name</b>	<b>2. Operational Period</b>
<b>South Fire</b>	Date/Time <b>9/13/19 - 0700</b> <b>9/14/19 - 0700</b>

<b>3. Ambulance Services</b>				
Name	Location	Phone & EMS Frequency	Advanced Life Support (ALS)	
			Yes	No
Mt. Shasta Medic 70 – incident	DP-110 area Day                      DP-100 Night	Contact South Comm.	X	
Hoopa Ambulance - Incident	ICP Ambulance / Medical Unit	Contact South Comm.	X	
St. Elizabeth Ambulance	Red Bluff, CA	911 or 530 527-2241	X	
Trinity County Ambulance	Hayfork, CA	911 or 530 623-8128	X	

<b>4. Air Ambulance Services (COORDINATE with AIR AMBULANCES on CALCORD tone 6)</b>			
Name	Phone	Type of Aircraft & Capability	
Kern H-407      Up to 1:15 hr eta	Contact South Comm.	Day/Night Hoist Rescue, Weed, CA	
Air Guard (Night Hoist),CDF H205 (Day Hoist Only)	Contact South Comm.	Red Bluff, CA	
Reach or PHI              20 min eta	911	Air Ambulance – Redding, CA Day/Night	
Coast Guard      Up to 1:15 hr eta	911 or 707 839-6100	Hoist Rescue – Eureka, CA Day/Night	
CHP                      20 min eta	911	ALS Hoist Rescue – Redding, CA	

<b>5. Hospitals</b>								
Name & Level	GPS Datum – WGS 84 Degrees Decimal Minutes		Travel Time		Phone	Helipad		Address
	Lat:	Long:	Air	Gnd		Yes	No	
St. Elizabeth Hospital Level III trauma center	N40° 08.91	W122° 13.24	25 min	45 min	530 529-8000 530 529-8300 (ER)	X		2550 Sister Mary Columbia Dr. Red Bluff, CA 96080
	VHF:							
Mercy Medical Center – Level II trauma	N40°34.33	W122° 23.80	30 min	1.5 hrs	530 225-7201 (ER)	X		2175 Roseline Ave. Redding, CA 96001
	VHF:							
Shasta Regional Medical Center. Level III trauma	N40°35.08	W122°23.25	30 min	1.5 hrs	530 244-5353 (ER)	X		1100 Butte, Redding, CA 96001
	VHF:							
UC Davis Level I Trauma/Burn Center	N38°33.30	W121°27.33	1 hr	3.5 hrs	916 734-3636 916 734-3790	X		2315 Stockton Blvd. Sacramento, CA
	VHF:							

**6. Division / Crew Pre-plan. Update and discuss with assigned resources daily.**

<b>Crew EMTs &amp; Equipment</b>	
<b>Fireline EMTs &amp; Location</b>	
<b>Adv. Life Support?</b>	
<b>Air Hoist site:</b>	
<b>Lat: / Long:</b>	
<b>Helispot:</b>	
<b>Lat: / Long:</b>	
<b>Alternate no-fly plan:</b>	

<b>7. Remote Aid Stations</b>	
South Medical Unit– ICP R-Wild Horse Ranch 6700 Hwy 36W, Platina, CA N40° 19.02 W122° 48.00	<b>Point of Contact:</b> MEDL – Josh Ramey 530 852-8400 MEDL(t) – Josh Hadley 719 221-4988
	<b>EMS Responders &amp; Capability:</b> Advanced Life Support
	<b>Equipment Available on Site:</b> Medical supplies
	<b>Ambulance ETA :</b> Air – 25 min.      Ground – 45 min.

<b>8. Prepared By (Medical Unit Leader)</b>	<b>9. Date/Time</b>	<b>10. Reviewed By (Safety Officer)</b>	<b>11. Date/Time</b>
Josh Ramey – MEDL 530 277-1213 Josh Hadley – MEDL (t) 719 221-4988 	9/12/19 1800	Michèle Tanzi 	9/12/19 1800



## Medical Incident Report

### 1. CONTACT South Communications on COMMAND, DECLARE: "MEDICAL EMERGENCY"

#### OR "NON-EMERGENCY MEDICAL TRANSPORT"

*Ex: "Communications, Div. Alpha. Stand-by for a medical emergency on Div. Alpha" (If life threatening request designated frequency be cleared for*

### 2. INCIDENT STATUS:

Provide incident summary (including number of patients) and command structure. *Ex: "Communications, I have a Red priority patient, unconscious, struck by a falling tree. Requesting air ambulance to Forest Road 1 at (Lat. / Long.) This will be the Trout Meadow Medical, IC is TFLD Jones. EMT Smith is providing medical care."*

SEVERITY	TRANSPORT PRIORITY
<input type="checkbox"/> <b>URGENT-RED Life threatening injury or illness.</b> <i>Ex: Unconscious, difficulty breathing, bleeding severely, 2° – 3° burns more than 4 palm sizes, heat stroke, disoriented.</i>	Ambulance or MEDEVAC helicopter. Evacuation need is <b>IMMEDIATE.</b>
<input type="checkbox"/> <b>PRIORITY-YELLOW Serious Injury or illness.</b> <i>Ex: Significant trauma, not able to walk, 2° – 3° burns not more than 1-2 palm sizes.</i>	Ambulance or consider air transport if at remote location. Evacuation may be <b>DELAYED.</b>
<input type="checkbox"/> <b>ROUTINE-GREEN</b> Not a life threatening injury or illness. <i>Ex: Sprains, strains, minor heat-related illness.</i>	Non-Emergency. Evacuation considered <b>Routine of Convenience.</b>

<b>Nature of Injury or Illness &amp; Mechanism of Injury</b>		Brief Summary of Injury or Illness (Ex: Unconscious, Struck by Falling Tree)
<b>Transport Request</b>		Air Ambulance / Short-Haul/Hoist/ Ground Ambulance / Other
<b>Patient Location</b>		Descriptive Location & Lat. / Long. (WGS84)
<b>Incident Name</b>		Geographic Name + "Medical" (Ex: Trout Meadow Medical)
<b>On-Scene Incident Commander</b>		Name of on-scene IC of Incident within an Incident (Ex: TFLD Jones)
<b>Patient Care</b>		Name of Care Provider (Ex: EMT Smith)

### 3. INITIAL PATIENT ASSESSMENT: *Complete this section for each patient. Start with most severe.*

**Patient Assessment: (See IRPG page 106)**

**Treatment:**

### 4. TRANSPORT PLAN:

**Evacuation Location** (if different): (Descriptive Location (drop point, intersection, etc.) or Lat. / Long.)

**Patient's ETA to Evacuation Location:**

**Helispot / Extraction Site Size and Hazards:**

### 5. ADDITIONAL RESOURCE/EQUIPMENT NEEDS:

- |  |  |                                      |  |                                 |
|--|--|--------------------------------------|--|---------------------------------|
| <input type="checkbox"/> Paramedic/EMT(s)                                  | <input type="checkbox"/> SKED/Backboard/C-Collar | <input type="checkbox"/> Crew(s)     | <input type="checkbox"/> Burn Supplies       | <input type="checkbox"/> Oxygen |
| <input type="checkbox"/> Trauma Bag  | <input type="checkbox"/> Medication(s)           | <input type="checkbox"/> IV/Fluid(s) | <input type="checkbox"/> Cardiac Monitor/AED |                                 |
| <input type="checkbox"/> Other (i.e. splints, rope rescue, wheeled litter) |  |                                      |  |                                 |

### 6. COMMUNICATIONS:

- Run Medical Emergency on Command
- Coordinate with air ambulance on CALCORD tone 6

### 7. CONTINGENCY:

Considerations: If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be thinking ahead.

### 8. ADDITIONAL INFORMATION: *Updates / Changes, etc.*

**REMEMBER:** -Confirm ETA's of resources ordered -Act according to your level of training  
 - If air or ground ambulance is **DELAYED**: Package and transport patient to rendezvous with incoming Ambulance.  
 Re-route EMS helicopter to rendezvous point as appropriate.