

HIRZ FIRE

Incident Action Plan

Day Shift August 12, 2018 (0700 – 2000) Night Shift August 12/13, (1800 – 0800)




TRANSFER OF COMMAND TODAY!

- **Know the Who, What, When, Where and Why**

DRIVING HAZARDS

- **Expect Logging Traffic on Gilman Road. Reduce Speed, Drive Defensively!**
- **Use Flashers, Emergency Lights and Caution Cones or Triangles while working along roadways.**
- **Expect Rollouts across lines and roadways. Keep eyes to the green.**
- **Do NOT park directly below areas burned**

**Maintain a High Level of
Situational Awareness
CA-SHF-001223, P5L2ZM (0514)
Shasta Trinity National Forest
Northern California Incident Management Team 1**

INCIDENT OBJECTIVES	1. Incident Name Hirz	2. Date 08/11/2018	3. Time 2030									
4. Operational Period August 12 – August 13, 2018 DAY - NIGHT SHIFT												
<p><u>LEADER'S INTENT</u></p> <p>A full suppression strategy will be implemented for the Hirz Fire through a combination of direct and indirect strategies. Efforts will be made to minimize fire spread and severity across private timberlands and structures through the application of well-planned tactical responses.</p> <p><u>CONTROL OBJECTIVES</u></p> <p>Keep the Hirz Fire:</p> <ul style="list-style-type: none"> • North of Gilman Road. • South of Nawtawaket Peak. • East of Middle Salt Creek. • West of McCloud River and McCloud River Arm. <p><u>MANAGEMENT OBJECTIVES</u></p> <ol style="list-style-type: none"> 1) Provide for public and emergency personnel safety at all times. 2) Prior to engagement, stop and discuss strategies and tactics to ensure sound risk management principals are in place to provide for firefighter and public safety. 3) Identify and mitigate risks to: improvements; infrastructure and the economic, natural, cultural and heritage resources in the area. Consult with Resource Advisors to identify sensitive areas. 												
6. Weather Forecast for Period <ul style="list-style-type: none"> • See attached weather forecast. 												
7. General Safety Message <ul style="list-style-type: none"> • See attached safety messages. 												
8. Attachments (mark if attached)												
<table border="0"> <tr> <td><input checked="" type="checkbox"/> Organization List - ICS 203</td> <td><input checked="" type="checkbox"/> Medical Plan - ICS 206</td> <td><input checked="" type="checkbox"/> Weather</td> </tr> <tr> <td><input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204</td> <td><input checked="" type="checkbox"/> Incident Map</td> <td><input checked="" type="checkbox"/> ICS215a</td> </tr> <tr> <td><input checked="" type="checkbox"/> Communications Plan - ICS 205</td> <td><input checked="" type="checkbox"/> ICS 220</td> <td><input type="checkbox"/> Rehab Considerations</td> </tr> </table>				<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
<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) Alan Taylor		10. Approved by (Incident Commander) Curtis Coats 										

ORGANIZATION ASSIGNMENT LIST		Supply Unit	Ron Pierce
1. Incident Name		Ordering	
Hirz		Facilities Unit	Jeff Huhtala, Frank DelCarlo
2. Date		Ground Support Unit	
August 11, 2018	3. Time	Communications Unit	Richard Stone
	1900	Medical Unit	Josh Ramey
4. Operational Period		Receiving & Distribution	Fred Johnson
Day-Night Shift, August 12 – August 13, 2018		Security Manager	
Position	Name	Food Unit	Jay Westlake
5. Incident Commander and Staff		9. Operations Section	
Incident Commander	Curtis Coots, Dustan Mueller (t)	Operations – Day	Don Fregulia
Deputy	Jaime Gamboa	Operations - Night	
Safety Officer	Michele Tanzi, Jeff Barnhart	Planning Ops	Dave Soldavini (t)
Information Officer	Kathy Hardy, Phyllis Swanson, Barbara Rebiskie, Ginessa Stark (t)	a. Division/Groups	
Liaison Officer	Kent Swartzlander, James Giachino	DAY	
Human Resources		Division/Group A	Matt Prentiss
6. Agency Representative		Division/Group Y	Richard Ingrahm, John Morgan (t)
Agency Administrator	Scott Russell	Division/Group Z	Pete English, Chris McCandless (t)
Agency Admin Rep	Carolyn Napper	Division/Group	
CAL FIRE	Scott Jones	Division/Group Contingency	Justin Reglin
Shasta Co Sheriff's Office	Mike Rist	Division/Group	
Shasta Co Board of Supervisors	Dave Kehoe	b. Division/Groups	
PG&E	Mike Weaver, Scott Magrini	NIGHT	
Sierra Pacific Industries	Herb Baldwin	Division/Group ALL	
		Division/Group	
		Division/Group	
		Division/Group	
		Division/Group	
7. Planning Section		c. Air Operations Branch	
Chief	Alan Taylor	Air Operations Branch Director	Bruce Wicks
Deputy		Air Attack Supervisor	
Resources Unit		Air Support Supervisor	Steve Beall
Situation Unit	Tim Ritchey	Helicopter Coordinator	
Demobilization Unit	Gary Deboi	Air Tanker Coordinator	
Training		10. Finance Section	
CTSP	George Steel, Jim Gonzalez (t)	Chief	Lois Charlton
GIS	Matt Dickinson, Kent Bloomer (t)	Time Unit	
FBAN	Mike Beasley, Rick Noggles (t)	Equipment Time Recorder	Louise Casias
IMET		Cost Unit	Lou Ann Charbonnier (t)
		Compensation/Claims Unit	
Lead READ	Pete Schmidt	Procurement	Paul Wood (t)
SCKN	Marisa Williams	Personal Time Recorders	
8. Logistics Section		Prepared by (Resource Unit Leader)	
Chief	Richard Crowther, Mike Jellison, David Alicea (t)	Gary R. Deboi	

SPOT FORECAST for HIRZ...SHASTA-TRINITY NATIONAL FOREST
National Weather Service SACRAMENTO CA
546 PM PDT Sat Aug 11 2018

Forecast is based on forecast start time of 1800 PDT on August 11. If conditions become unrepresentative...contact the National Weather Service.
...RED FLAG WARNING IN EFFECT UNTIL 11 PM PDT THIS EVENING...

.DISCUSSION...

Minor cooling, but continued dry weather as the region will remain under high pressure.

.SUNDAY...

Sky/weather.....Hazy and areas of smoke.

Max temperature.....86-91.

Min humidity.....18-24 percent.

Wind (20 ft).....

Slope/valley.....Northeast winds up to 7 mph shifting to the southwest up to 5 mph in the afternoon.

Ridgetop.....Northeast 10 to 15 mph shifting to the southwest 5 to 10 mph in the afternoon.

Mixing height.....Rising to 5500 ft AGL in the afternoon.

Transport winds.....Northeast up to 8 mph becoming southwest in the afternoon.

CWR.....0 percent.

LAL.....1.

.SUNDAY NIGHT...

Sky/weather.....Hazy and areas of smoke.

Min temperature.....67-72.

Max humidity.....33-38 percent.

Wind (20 ft).....

Slope/valley.....Southwest winds up to 6 mph in the evening becoming northeast less than 5 mph after midnight.

Ridgetop.....Southwest 5 to 10 mph.

Mixing height.....Lowering to 100-300 ft AGL.

Transport winds.....Southwest up to 5 mph becoming northeast after midnight.

CWR.....0 percent.

LAL.....1.

.MONDAY...

Sky/weather.....Mostly sunny. Hazy and areas of smoke.

Max temperature.....85-90.

Min humidity.....20-25 percent.

Wind (20 ft).....

Slope/valley.....Northeast winds up to 5 mph shifting to the southwest up to 6 mph in the afternoon.

Ridgetop.....South to southwest 5 to 10 mph.

Mixing height.....Rising to 3000 ft AGL in the afternoon.

Transport winds.....Northeast up to 5 mph early in the morning becoming south to southwest up to 6 mph in the late morning and afternoon.

CWR.....0 percent.

LAL.....1.

Forecaster...JM

Requested by...HIRZ IC

Type of request...WILDFIRE

.TAG 1814311.3/STO

.DELDT 08/11/18

.EMAIL rjholt@fs.fed.us

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 1	TYPE OF FIRE: Wildfire
FIRE NAME: Hirz Fire	OPERATIONAL PERIOD: Aug 12 th -13 th 0700-2000, 1800-0800
DATE ISSUED: August 11, 2018	TIME ISSUED: 2000
UNIT: Shasta-Trinity NF, Shasta Lake District	SIGNED: /s/ Mike Beasley, FBAN

INPUTS

WEATHER SUMMARY

*** See Spot Weather Forecast***

Discussion:

Minor cooling, but continued dry weather as the region will remain under high pressure.

Weather: Hazy and areas of smoke.

Max Temps: 86 - 91°

Min RH: 18 - 24%

20' Winds: Northeast winds up to 7mph shifting to the southwest up to 5 mph in the afternoon

FIRE BEHAVIOR

Forecasted Indices: Sugarloaf BI (Fuel Model G) 67; Sugarloaf ERC (Fuel Model G) 88

GENERAL:

- **Fuels:** The fire area has not burned in modern history, so there is considerable fuel accumulated, except in the more exposed granite and bare ground. The fire is comprised of pockets of mature timber on wetter, cooler slopes, with Douglas fir as the dominant species. Ponderosa pine is also present. On hotter south- and west-facing slopes, grey pine is the dominant tree species with abundant patches of contiguous manzanita. **All live fuel moistures are reaching critically dry levels.** Live fuel moistures are modeled to be near at 70% (lower on SW aspects) and dead/down 1000 hr. fuel moistures are < 6%.
- **Topography:** Aspect is largely northeast, though the fire is backing down on more west-facing slopes currently. The fire is burning on steep terrain above the McCloud Arm of Lake Shasta with slopes that vary between 35 and 75%. Elevation range is 1100 - 3513'.

SPECIFIC FIRE BEHAVIOR:

Expect an increase in fire behavior, especially **after the inversion lifts**, or if **plume-dominated winds develop**, suddenly ventilating the fire. Headfire flame lengths with slope and wind in alignment in brush are expected to be 10 - 15' and rates of spread of 24 - 75 chains/hour. Infrequent single-tree torching with short-range spotting < ¼ mile (further if plume dominated) and a probability of ignition 84 - 90%. Fire spread will be mostly smoldering, flanking and backing (ROS <2 ch/hr and flame lengths 1-3') with considerable rollout. Inversion is suppressing fire behavior. Expect short runs as the fire moves laterally up- and down-canyon along the east-facing slope above the McCloud Arm. Watch for increasing fire behavior, as the fire moves onto more south- and west-facing slopes.

DIV A: Most of this division is on the opposite side of the McCloud Arm, though until noon, the fire should be actively flanking to the south, with the possibility of runs up Moore Creek. Fire could threaten Dekkas Rock C.G. today and fire behavior will pick up as fire moves onto south slopes.

DIV Y: Interior belly between two main fire areas will burn out today, with a possibility of runs up Ellery Creek to the top of Hirz Mountain

DIV Z: Unburned fuels between you and the fire. Indirect line construction should have favorable winds lingering from the previous evening, then the diurnal shift to a more southerly flow will threaten to push the fire north up the West or North Forks of Salt Creek after noon. This could threaten indirect line construction. Post lookouts.

AIR OPERATIONS

Heavy smoke over the fire area possibly until after noon, when the inversion lifts.

Sunrise: 6:17am

Sunset: 8:11 pm

SAFETY

Area is under a Fuels and Fire Behavior Advisory through August 17th for a heavy fine fuel crop and exceedingly low fuel moistures

DIVISION ASSIGNMENT LIST				1. Branch		2. Division/Group A	
3. Incident Name Hirz Fire				4. Operational Period: DAY			
				Date/Time: 08/12/2018 0700 SUN		Date/Time: 08/12/2018 2000 SUN	
5. Operations Personnel							
Operations Chief		Don Fregulia		Division/Group Supervisor		Matt Prentiss	
Planning Ops		Dave Soldavini (t)		Air Attack Supervisor			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	LWD	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time	
ENG3 KNF 351	Chase Crechriou		5	N	Hirz Bay Campground/ 0700	ICP / 2000	
ENG3 SHF 353	Brian Buchner		5	N	Hirz Bay Campground/ 0700	ICP / 2000	
ENG3 KNF 15	John Morgan		5	N	Hirz Bay Campground/ 0700	ICP / 2000	
ENG3 Firestorm 9908			3	N	Hirz Bay Campground/ 0700	ICP / 2000	
ENG6 Firestorm 9902			3	N	Hirz Bay Campground/ 0700	ICP / 2000	
ENG6 Firestorm 9906			3	N	Hirz Bay Campground/ 0700	ICP / 2000	
ENG6 Mt. Adams 622			3	N	Hirz Bay Campground/ 0700	ICP / 2000	
FMOD Brown (O-12)			2	N	Hirz Bay Campground/ 0700	ICP / 2000	
WT (E-37)			1	N	Hirz Bay Campground/ 0700	ICP / 2000	
WT (E-38)	Dave Orr		1	N	Hirz Bay Campground/ 0700	ICP / 2000	
WT (E-39)	Cory Preston		1	N	Hirz Bay Campground/ 0700	ICP / 2000	
SOF2	Jeff Barnhart		1	N	Hirz Bay Campground/ 0700	ICP / 2000	
7. Work Assignments: Patrol and Mop-up on Gilman Road. Assess structures in Gilman Road. Prep Gilman Road to A/Y break.							
8. Special Instructions: Backhaul trash and excess equipment. GPS existing and proposed lines and turn into Situation Unit. Be prepared to support IA as directed by Operations Section Chief.							
Function	Frequency	Name	Channel	Function	Frequency	Name	Channel
Command	Rx 171.5000 N Tx 164.8250 N	CMD 1	1 (Tone1)	Air to Ground	Rx 167.8125 N Tx 167.8125 N	A/G CMD	15
Tactical Div/Group	Rx 168.0500 N Tx 168.0500 N	NIFC T1	2 (Tone 16)				
Prepared by (Resource Unit Leader) Gary Deboi		Approved by (Planning Section Chief) Alan Taylor		Date Aug. 11, 2018		Time 1930	

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group Y		
3. Incident Name Hirz Fire			4. Operational Period: DAY				
			Date/Time: 08/12/2018 0700 SUN		Date/Time: 08/12/2018 2000 SUN		
5. Operations Personnel							
Operations Chief	Don Fregulia		Division/Group Supervisor	Richard Ingraham John Morgan (t)			
Planning Ops	Dave Soldavini (t)		Alr Attack Supervisor No.				
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	LWD	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time	
HC2IA Modoc Crew 1	Wille Almand		20	N	Hirz Bay Campground/ 0700	ICP / 2000	
HC1 Tallac	Kyle Betty		20	N	Hirz Bay Campground/ 0700	ICP / 2000	
HC2 Fortuna Crew 22	Harold Reed		22	N	Hirz Bay Campground/ 0700	ICP / 2000	
HC2 WFM Eagle Lake				N	Hirz Bay Campground/ 0700	ICP / 2000	
ENG3 MDF 58	Pat Preston		5	N	Hirz Bay Campground/ 0700	ICP / 2000	
ENG3 SQF 41	Ed Fulton		5	N	Hirz Bay Campground/ 0700	ICP / 2000	
ENG3 LNF 33	Kevin Yost		5	N	Hirz Bay Campground/ 0700	ICP / 2000	
ENG3 MDF 64	Chad Hulser		5	N	Hirz Bay Campground/ 0700	ICP / 2000	
ENG3 MDF 65	Happy Hoppy		5	N	Hirz Bay Campground/ 0700	ICP / 2000	
WT2 CNF 245	Norman Odorico		2	N	Hirz Bay Campground/ 0700	ICP / 2000	
DOZ2 NEU 2341			1	N	Hirz Bay Campground/ 0700	ICP / 2000	
DOZ2 North State (E-12)			2	N	Hirz Bay Campground/ 0700	ICP / 2000	
DOZ (E-41)	Frank Zabell		2	N	Hirz Bay Campground/ 0700	ICP / 2000	
DOZ (E-40)	Stan Drawyer		2	N	Hirz Bay Campground/ 0700	ICP / 2000	
SOF2	Jeff Barnhart		1	N	Hirz Bay Campground/ 0700	ICP / 2000	
7. Work Assignments: Continue prep on Hirz Mt. Lookout Road and prepare for structure defense. Continue line construction and scout for future line placement. Assess structures on Hirz Mt. Lookout Road. Protect Hirz Lookout.							
8. Special Instructions: Backhaul trash and excess equipment. GPS existing and proposed lines and turn into Situation Unit. Be prepared to support IA as directed by Operations Section Chief.							
Function	Frequency	Name	Channel	Function	Frequency	Name	Channel
Command	Rx 171.5000 N Tx 164.8250 N	CMD 1	1 (Tone 1)	Air to Ground	Rx 167.8125 N Tx 167.8125 N	A/G CMD	15
Tactical Div/Group	Rx 167.7250 N Tx 167.7250 N	SLRD	3				
Prepared by (Resource Unit Leader) Gary Deboi		Approved by (Planning Section Chief) Alan Taylor		Date Aug. 11, 2018		Time 1930	

DIVISION ASSIGNMENT LIST				1. Branch		2. Division/Group Z	
3. Incident Name Hlrz Fire				4. Operational Period: DAY			
				Date/Time: 08/12/2018 0700 SUN		Date/Time: 08/12/2018 2000 SUN	
5. Operations Personnel							
Operations Chief		Don Fregulia		Division/Group Supervisor		Pete English, Chris McCandless	
Planning Ops		Dave Soldavini (t)		Air Attack Supervisor			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator		Leader	LWD	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
HC1 American River IHC				20	N	Hlrz Bay Campground/ 0700	ICP / 2000
HC2IA Hart Lake		Jake Fitzgerald		18	N	Hlrz Bay Campground/ 0700	ICP / 2000
ENG3 KNF 78		Josh Haddock		5	N	Hlrz Bay Campground/ 0700	ICP / 2000
DO22 PNF 3				2	N	Hlrz Bay Campground/ 0700	ICP / 2000
DO22 (E-13)		Jerry Pro Dump		1	N	Hlrz Bay Campground/ 0700	ICP / 2000
SOF2		Jeff Barnhart		1	N	Hlrz Bay Campground/ 0700	ICP / 2000
7. Work Assignments: Prep High Mountain Road. Continue line construction to Hanland Peak. Scout opportunities for line construction off Gilman Road.							
8. Special Instructions: Backhaul trash and excess equipment. GPS existing and proposed line and turn into the Situation Unit. Be prepared to support IA as directed by the Operations Section Chief.							
Function		Frequency		Name		Channel	
Command		Rx 171.5000 N Tx 164.8250 N		CMD 1		1 (Tone 1)	
Tactical Div/Group		Rx 168.2375 N Tx 168.2375 N		R5 TAC 6		4 (Tone 16)	
Prepared by (Resource Unit Leader) Gary R. Deboi		Approved by (Planning Section Chief) Alan Taylor		Date Aug. 11, 2018		Time 2015	

INCIDENT RADIO COMMUNICATIONS PLAN		Incident Name HIRZ CA-SHF-001223			Date/Time Prepared 08/11/18 1800hrs	Operational Period Date/Time 8/12/18 0700 To 8/13/18 0800			
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 N or W	RX Tone	TX Freq N or W	TX Tone	Mode	Remarks
1	SHF SERVICE NET RPT	CMD 1	ALL DIVISIONS	171.5000 N		164.8250 N	T-1	A	USE TONE 1 (110.9)
2	NIFC TAC 1	NIFC T1	DIVISION A	168.0500 N	T-16	168.0500 N	T-16	A	USE TONE 16 (192.8)
3	SLRD DISTRICT NE SIMPLEX	SLRD	DIVISION Y	167.7250 N		167.7250 N		A	
4	R5 TAC 6	R5 TAC 6	DIVISION Z	168.2375 N	T-16	168.2375 N	T-16	A	USE TONE 16 (192.8)
5	NIFC TAC 3	NIFC T3	CONTINGENCY GROUP	168.6000 N	T-16	168.6000 N	T-16	A	USE TONE 16 (192.8)
6									
7									
8									
9									
10									
11									
12									
13	SHF FOREST NET	EMERGENCY	ALL DIVISIONS	171.5750 N		165.0125 N	T-10 OR 113	A	FOR EMERGENCY CONTACT TO SHF DISPATCH USE TONES 10 OR 13
14	CALCORD	CALCORD	ALL DIVISIONS	156.0750 N	T-6	156.0750	T-6	A	MEDICAL EMERGENCY TACTICAL
15	A/G COMMAND	A/G CMD	ALL DIVISIONS	167.8125 N		167.8125 N		A	HIRZ A/G
16	AIR GUARD	AIR GUARD	ALL DIVISIONS	168.6250 N	TONE 1	168.6250 N	TONE 1	A	EMERGENCY ONLY
Prepared by				Incident Location					
Rick Stone, COM1				HIRZ ICP, SHASTA-TRINITY NATIONAL FOREST					

Rick Stone
COM1

Incident Name: **HIRZ CA-SHF-001223 INITIAL ATTACK**

Operational Period Date/Time: 8/12/18 0700 To 8/13/18 0800

Date/Time Prepared: 08/11/18 1800hrs

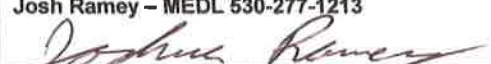
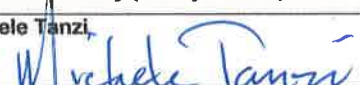
INCIDENT RADIO COMMUNICATIONS PLAN		HIRZ CA-SHF-001223 INITIAL ATTACK		Date/Time Prepared: 08/11/18 1800hrs		Operational Period Date/Time: 8/12/18 0700 To 8/13/18 0800			
Only frequencies listed on this 205 are authorized for use on this incident.				Hand programmers accept all responsibility for the use of unauthorized frequencies.					
Ch #	Function	Channel Name	Assignment	RX Freq N or W	RX Tone	TX Freq N or W	TX Tone	Model	Remarks
1	SHASTA LAKE MGMT. UNIT	SLMU	INITIAL ATTACK	167.7250 N		167.7250 N	T-7	A	USE TONE 7 (167.9)
2	SHASTA-TRINITY REPEATER	SHR-R	INITIAL ATTACK	171.5750 N		165.0125 N	TONES 1-16	A	SHF DISPATCH NET
3	NIFC TAC 2	NIFC T2	INITIAL ATTACK	167.7250 N		167.7250 N		A	
4	R5 TAC 4	R5 TAC 4	INITIAL ATTACK	166.5500 N		166.5500 N		A	
5	R5 TAC 5	R5 TAC 5	INITIAL ATTACK	167.1125 N		167.1125 N		A	
6	SHASTA-TRINITY SERV. RPT.	SERV-R	INITIAL ATTACK	171.5000 N		164.8250 N	TONES 1,4,6,12	A	
7	SHASTA COUNTY F1 REPEATER	SHS CMD	INITIAL ATTACK	154.4300 N		159.0150 N	TONES 1-16	A	
8	SHASTA COUNTY F2 - TACTICAL	SHS F2	INITIAL ATTACK	154.0100 N		154.0100 N		A	
9	CALFIRE TAC 9	CDF T9	INITIAL ATTACK	151.3850 N		151.3850 N	T-16	A	
10	SHASTA-TRINITY UNIT REPEATER	SHU-R	INITIAL ATTACK	151.1600 N		159.2700 N	TONES 1-16	A	
11	CAL FIRE TAC 11	CDF T11	INITIAL ATTACK	151.4450 N		151.4450 N	T-16	A	
12	CAL FIRE TAC 12	CDF T12	INITIAL ATTACK	151.4600 N		151.4600 N	T-16	A	
13	CAL FIRE A/G 2 (PRIMARY)	CDF A/G 2	INITIAL ATTACK	159.2625 N		159.2625 N	T-16	A	
14	CALCORD	CALCORD	EMERGENCY USE	156.0750 N	T-6	156.0750 N	T-6	A	MEDICAL EMERGENCY TACTICAL
15	AIR TO GROUND, CA. PRIMARY	R5 AG43	INITIAL ATTACK	166.8750 N		166.8750 N		A	INITIAL ATTACK A/GHIRZ A/G
16	AIR GUARD	AIR GUARD	ALL DIVISIONS	168.6250 N	168.6250 N	168.6250 N	168.6250 N	A	EMERGENCY ONLY

Prepared by: *Rick Stone*

Incident Location: HIRZ ICP, SHASTA-TRINITY NATIONAL FOREST

S 205 - 2007H

MEDICAL PLAN (ICS 206 WF)

1. Incident/Project Name			2. Operational Period			Day/Night				
HIRZ FIRE			Date/Time 8/12/18 0700 - 8/013/18 0800							
3. Ambulance Services										
Name		Location			Phone & EMS Frequency		Advanced Life Support (ALS)			
							Yes	No		
Medic 78 – Incident Ambulance		Hirz Campground or ICP			Contact on Command		X			
AMR Ambulance		Shasta Lake, CA (if available) 20min-ETA			911		X			
4. Air Ambulance Services										
Name		Phone			Type of Aircraft & Capability					
Reach/PHI 15 min eta		911			Air Ambulance – Redding, CA		Day/Night			
Calfire H-202 40 min eta		911			Holst Rescue– Bleber, CA		Day only			
CHP 15 min eta		911			Holst Rescue – Redding, CA		Day only			
Guard 841 20 min eta		911 – Redding ECC Cal-Fire aircraft desk			Holst Rescue – Redding, CA		Day/Night/Smoke			
5. Hospitals										
Name & Level		GPS Datum – WGS 84 Degrees Decimal Minutes		Travel Time Air Gnd		Phone		Helipad Yes No		
Pulse Urgent Care		Lat:		N/A	50 min	530-722-1111			X	100 E. Cypress Ave. Redding, CA 96002
		Long:								
		VHF:								
Mercy Medical Center – Level II Trauma		Lat:	N40°34.33	15 min	50 min	530-225-7201 (ER)		X		2175 Roseline Ave. Redding, CA
		Long:	W122°23.80							
		VHF:								
Shasta Regional Medical Center		Lat:	N40°35.08	15 min	50 min	530-244-5353 (ER)		X		1100 Butte, Redding, CA
		Long:	W122°23.25							
		VHF:								
UC Davis Level I Trauma/Burn Center		Lat:	N38°33.30	1 hr	3.5 hrs	916-734-3636 916-734-3790		X		2315 Stockton Blvd. Sacramento, CA
		Long:	W121°27.33							
		VHF:								
6. Division / Crew Pre-plan. Update and discuss with assigned resources daily										
Crew EMTs & Equipment										
Fireline EMTs & Location Adv. Life Support?										
Air Hoist site: Lat: / Long:										
Helispot: Lat: / Long:										
Alternate no-fly plan:										
7. Remote Aid Stations										
Hirz Medical Unit– ICP				Point of Contact:		MEDL – Josh Ramey (Cell: 530-277-1213)				
				EMS Responders & Capability:		Basic Life Support				
				Equipment Available on Site:		Medical supplies				
				Ambulance ETA :		Air – 15 min. Ground – 15 min.				
8. Prepared By (Medical Unit Leader)										
Josh Ramey – MEDL 530-277-1213				9. Date/Time			10. Reviewed By (Safety Officer)			11. Date/Time
8/11/18 1930				8/11/18 1930			Michele Tanzi			8/11/18 1930
										

HIRZ INCIDENT RISK ANALYSIS (215a)

Day Shift, August 12, 2018 (0700 to 2000) and Night Shift, August 12-13 (1800-0800)

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES
ALL	Medical Emergencies	<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>~ 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.</p> <p>~ Base all operational decisions and activities on these 3 questions:</p> <ol style="list-style-type: none"> 1.) What are we going to do if someone gets hurt? 2.) How will we get them out of here? 3.) How long will it take to get them to a hospital? <p>~ If the answers are insufficient, stop, re-assess and consider alternate strategies and tactics.</p> <p>~ Have Alternate plan in place when aircraft is grounded due to visibility issues.</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"> * <u>Minimum</u> of a 20' x 20' clearing * 3 GREEN Glow Sticks placed on edges of clearing forming a triangle to assist pilot in visual horizon. * Turn ALL headlamps and vehicle lights OFF * Communicate with Air Ambulance on CALCORD tone 6 <p>~ Be aware of Rotor Wash & its effect on Fire behavior when the extraction point is next to an active fires edge.</p> <ul style="list-style-type: none"> • If possible, MOVE patient to an area with less fire activity
ALL	Hydration & Heat Illness	<ul style="list-style-type: none"> • Pre-hydrate, Re-hydrate! Dehydration is preventable.....Drink a <u>minimum</u> of 250ml/hour; (¼ of canteen) • Drink water & Electrolyte drinks before, during, and after shifts. (2 waters to 1 sports drink). • Do NOT mix with water or dilute electrolyte drink. It must be consumed as is for the body to absorb properly. • Low volumes of dark, concentrated urine or painful urination indicate a serious need for rehydration, & medical attention. • Pace work to avoid heat injuries • Heat exhaustion is characterized by: Weakness, Extreme Fatigue, Nausea, Dizziness & Headaches, clammy skin, persistent muscle cramps, decreased urine output. <ul style="list-style-type: none"> ○ Cool patient as quickly as possible! ○ Move patient to a cooler location and provide cold water and sports drink. ○ Actively reduce core temperature through evaporation by fanning patient. ○ Remove Patient from fire line and seek medical attention ○ Cover head and neck with wet cloth, Increase air movement. ○ Heat exhaustion is characterized by: Weakness, Extreme Fatigue, Nausea, Dizziness, Headaches, clammy skin, persistent muscle cramps, and decreased urine output. • <u>Mental confusion may develop</u> This is a serious trigger point for the potential onset of Heat Stroke or Hyponutremia (water intoxication). • Refer to Medical Plan in IAP for additional EMS care and Evacuation
ALL	Fire Behavior	<p>~ Expect an increase of Fire Behavior when the Inversion lifts.</p> <p>~ Provide weather forecasts/observations for all personnel assigned during Operational briefings</p> <p>~ Update field personnel via the Command Channel when significant weather changes are observed that could impact area</p> <p>~ Review "Alignments & patterns for Dangerous Fire Behavior" pg 73 in IRPG, 2018</p> <p>~ Be aware that Brockman Flat Lava Field and Eagle Lake has local effects on Fire Behavior.</p> <p>~ Develop Management Action Points/Trigger Points for disengagement of resources and make them known to all. Re-assess as needed.</p> <p>~ Use "Risk Management Process" prior to engaging in suppression actions, referring to pg 1, IRPG, 2108</p> <p>~ Ensure LCES is in place before engagement of resources</p> <p>~ Adhere to the 10 Standard Firefighting Orders & mitigate the 18 Watch Out Situations</p> <p>~ Post experienced lookouts. Monitor current weather conditions and forecasts</p> <p>~ Maintain adequate Escape Routes to Safety Zones. Advise all personnel if these are compromised or change</p> <p>~ Have vehicles facing the direction of the Escape Route and ensure they are NOT blocking the route</p>
ALL	Steep, Rugged Terrain, Cliffs, Rocky Ledges	<p>~ Unforgiving terrain, Cliffs and Rocky Ledges. Ensure you remain focused when walking.</p> <p>~ Maintain 8'-10' spacing when working & walking.</p> <p>~ Don't work above any personnel.</p> <p>~ Be on the lookout for rolling rocks, debris, or burning material that could cross your control lines</p> <p>~ Evaluate necessity to send personnel in areas with limited access.</p> <p>~ Post lookouts (IRPG pg 6).</p>

HIRZ INCIDENT RISK ANALYSIS (215a)

Day Shift, August 12, 2018 (0700 to 2000) and Night Shift, August 12-13 (1800-0800)

ALL	Driving & Traffic	<p>~ Practice "Defensive Driving" techniques travelling on all roads in both rural and urban settings</p> <p>~ Slowdown in limited visibility (smoky/dusty) & congested areas. Increase following distances to allow dust to settle, & 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>~ NO riding in the back of pick-ups. It is against the Law.</p>	
ALL	Hazard Trees	<p>~ Green Trees & Fire weakened trees continue to be a threat</p> <p>~ Scout work area for aerial hazards prior to engagement to ensure a safe work area</p> <p>~ Follow "Hazard Tree Safety" guidelines, page 22, 23 in IRPG, 2018</p> <p>~ Look up, down and around for Hazard Tree indicators. Info on pg 22 IRPG, 2018</p> <p>~ Post lookouts, or use a spotter in mop-up areas with personnel.</p> <p>~ Don't park vehicles or take breaks in high concentrations of hazard trees.</p> <p>~ Establish trigger points for disengagement during high wind events.</p> <p>~ Remember that the hazard zone extends a minimum of 2 1/2 tree heights.</p> <p>~ Utilize pg 85 in the IRPG, 2018 for Procedural Felling Operations</p> <p>~ No "Felling" of any tree at Night, or during High Wind events.</p> <p>~ Flag off areas of concern, communicate to Division, adjoining resources, and brief relief resources until hazards have been mitigated</p> <p>~ Post a "Lookout" if possible to control the area of concern</p>	
ALL	Aircraft Operations till 2010	<p>~ Review and discuss Aviation Watch Out Situations listed in IRPG pg 46</p> <p>~ Ensure resources are clear of "Target Area" during bucket or retardant use.</p> <p>~ Use air-to-ground frequency to communicate with aircraft.</p> <p>~ Use clear, concise statements when directing aircraft. Use clock directions from pilot's perspective and mirror flashes.</p> <p>~ Evaluate risk vs gain for each mission/target</p> <p>~ Ensure use of qualified personnel when involved with longline operations.</p> <p>~ Keep non-essential personnel away from dip sites (natural and/or man made)</p> <p>~ Ensure personnel receive a passenger briefing prior to flight.</p> <p>~ Use aerial Supervision and maintain separation.</p>	
ALL	Biting, Stinging Insects, & Critters (Rattle Snakes, Bees, Mosquitoes, Scorpions, Ticks, Wildlife, etc)	<ul style="list-style-type: none"> • If allergic to bee stings, let your DIVS & Medic/EMT's know. • Leave the snakes alone! • Shake out boots and or sleeping bags prior to use • Use bug spray to minimize mosquito bites. • Check yourself daily for tick bites. • Leave wildlife alone. Backhaul ALL Trash please. 	
INCIDENT NAME <h3 style="text-align: center;">HIRZ</h3> ICS 215a		DATE PREPARED: <p style="text-align: center;">August 11, 2018</p> TIME PREPARED: 1930 HOURS	OPERATIONAL PERIOD Day Shift 0700 - 2000 Night Shift 1800 - 0800 Prepared by: Tanzi – SOF1, Bamhart – SOF2,



TRANSFER OF COMMAND

Operational Engagement Category

Risks to fireline personnel increase significantly during transfer of command periods regardless of the size or complexity of the incident. There is a high potential for fatalities, serious injuries, or incidents with potential during transfer of command periods (some have occurred in the past). Be proactive in mitigating the risks by proper implementation of LCES—Lookout, Communications, Escape Routes, and Safety Zones.

Factors for increased risks to fireline personnel during transition periods include:

No, or poor, briefing of incoming personnel Lack of fire weather and behavior information, both forecast and observed Communications; face-to-face briefings may not be possible and radio frequencies may be overextended and/or changing due to the increased demands on the system. Initial attack resources may not have checked-in and the Incident Commander may not be aware of the number, type and location of all resources. Location of safety zones and escape routes may not be known and communicated to all resources. Not all Resources know who is in command.

Mitigation actions to take:

Lookouts: Post and maintain your own lookouts. Communications: Maintain existing communications with your own and adjacent resources, as well as your original supervisor, while you are developing communications with incoming adjacent resources and your new supervisor. Escape routes and safety zones: Identify escape routes and assure incoming resources are aware of their locations; be aware that your original escape routes and safety zones may no longer be accessible due to changing fire behavior or your increased distance from them. Transition at the morning briefing. Utilize the Incident Response Pocket Guide transition checklist

Date & Time Order was placed:		Order #	Location & Time for Delivery (DIV,I,Z,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	1,000 Foot Hose Lay includes the following: Amount _____				
	10, 100'x1½" Rolls Hose; 10, 100'x1" Rolls Hose; 10, 1½" Gated Wyes; 10, 1½" to 1" reducers; 10, 1" nozzles				
2	2,000 Foot Hose Lay includes the following: Amount _____				
	20, 100'x1½" Rolls Hose; 20, 100'x1" Rolls Hose; 20, 1½" Gated Wyes; 20, 1½" to 1" reducers; 20, 1" nozzles				
3	3,000 Foot Hose Lay includes the following: Amount _____				
	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:		



