

HIRZ FIRE

Incident Action Plan

Day Shift August 17, 2018 (0600 – 2000) Night Shift August 17-18, (1800 – 0800)



Know Your Fire Orders

#4 Unfamiliar with weather and local factors influencing fire behavior.

Common Denominators of Fire Behavior on Tragedy Fires

1. On Relatively small fires or deceptively quiet areas of large fires
2. In Relatively light fuels, such as grass and brush
3. When there is an unexpected wind shift or increase in wind speed
4. When fire responds to topography resulting in uphill runs
5. Critical burn period




Maintain a High Level of Situational Awareness

CA-SHF-001223, (0514) P5L2ZM

Shasta Trinity National Forest

Operations Map



INCIDENT OBJECTIVES	1. Incident Name Hirz	2. Date 08/16/2018	3. Time 2000									
4. Operational Period August 17 – August 18, 2018 DAY - NIGHT SHIFT												
LEADERS INTENT <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> CONTROL OBJECTIVES Keep the Hirz Fire: <ul style="list-style-type: none"> • North of Gilman Road to protect private residences and property to the south. • South of Tombstone Mountain to protect private and federal timber lands and natural resource values, including Northern Spotted Owl habitat and Inventoried Roadless Area. • East of Middle Salt Creek to Green Mountain to protect private property and infrastructure values in and around the Interstate 5 corridor. • West of McCloud River and McCloud River Arm of Shasta Lake to protect private timberlands, natural resource values, including Northern Spotted Owl habitat, and recreation infrastructure. MANAGEMENT OBJECTIVES <ol style="list-style-type: none"> 1) Provide for emergency personnel and public safety at all times. 2) Prior to engagement, stop and discuss strategies and tactics to ensure sound risk management principals are in place. 3) Minimize adverse impacts to private property, infrastructure, natural resources and cultural/heritage resources. 4) Consult with READS to identify and manage potential impacts to 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										
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<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) Jaime Gamboa 										

ORGANIZATION ASSIGNMENT LIST			Supply Unit	Ron Pierce		
1. Incident Name Hirz			Ordering	Patricia Dutrey (t)		
			Facilities Unit	Jeff Huhtala, Frank DelCarlo		
2. Date August 16, 2018			3. Time 1600		Ground Support Unit	Harry Zabel, Tobey Ringuette
					Communications Unit	Richard Stone
4. Operational Period Day-Night Shift, August 16 – August 17, 2018			Medical Unit	Josh Ramey		
			Receiving & Distribution	Fred Johnson		
Position	Name		Security Manager			
5. Incident Commander and Staff			Food Unit	Jay Westlake		
Incident Commander	Curtis Coots, Dustan Mueller (t)		9. Operations Section			
Deputy	Jaime Gamboa		Operations – Day	Don Fregulia, Dave Soldavini (t)		
Safety Officer	James Courtight, Jeff Barnhart, Michele Tanzi, Duane Franklin (t)		Operations - Night	Jack Froggatt		
Information Officer	Kathy Hardy, Phyllis Swanson, Barbara Rebiskie, Shawn Compton, Ginessa Stark (t)		Planning Ops	Alec Lane, Randy Jennings (t)		
Liaison Officer	Kent Swartzlander, James Giachino		a. Division/Groups			
Human Resources			DAY BRANCH I	Mike Klimek		
6. Agency Representative			Division/Group A / B	Richard Inghram, John Morgan (t)		
Agency Administrator	Scott Russell		Division/Group F	Orlando Genao, Garrett Quiggley, Jeremy McMahon (t)		
Agency Admin Rep	Lesley Yen		Division/Group Structure	Matt Prentiss		
CAL FIRE AREP	Scott Jones		Division/Group			
Shasta Co Sheriff's Office	Cpt. Barnhart, Lt. Bertain		b. Division/Groups			
Shasta Co Board of Supervisors	Dave Kehoe		DAY BRANCH II	Curt Lindstrand, Jeff Dupras (t)		
PG&E	Mike Weaver		Division/Group T	Bryan Rosenow, Luke Kendll, Joel Brank (t)		
Sierra Pacific Industries	Herb Baldwin, Nick Kroencke		Division/Group U	Jack Sevelson		
N.CA. Fire Coop Rep.	Darin Quigley		Division/Group Y	Paul Johnson		
CCC Rep	Ken McDonald		Division/Group Z	Pete English, Chris McCandless (t)		
7. Planning Section			c. Division/Groups			
Chief	Alan Taylor		NIGHT			
Resources Unit	Gary Deboi		Division/Group A / B	John Barker		
Situation Unit	Tim Richey		Division/Group F	Garrett Quiggley, Scott Tavalero		
Demobilization Unit	Gary Deboi		Division/Group T	Luke Kendall		
Training	James Mitchell		Division/Group Z	Jacob Botts, Tad Hair (t)		
CTSP	George Steel, Jim Gonzalez (t)		c. Air Operations Branch			
GIS	Matt Dickinson, Kent Bloomer (t)		Air Operations Branch Director	Bruce Wicks		
FBAN	Mike Beasley, Rick Noggles (t)		Air Support Supervisor	Steve Beall		
IMET	Jim Dudley		10. Finance Section			
Air Resources			Chief	Lois Charlton		
Lead READ	Keli McElroy		Time Unit	Kris Armstrong		
SCKN	Marisa Williams		Equipment Time Recorder	Louise Casias		
8. Logistics Section			Cost Unit			
Chief	Richard Crowther, Mike Jellison, David Alicea (t)		Compensation/Claims Unit			
			Procurement	Paul Wood (t)		
			Personnel Time Recorders	Holly Cardoza		
			Prepared by (Resource Unit Leader) Gary R. Deboi			

FIRE WEATHER FORECAST

FORECAST NO. 5

NAME OF FIRE: Hirz

PREDICTION FOR Friday August 17, 2018

UNIT: Shasta Trinity National Forest

TIME AND DATE

FORECAST ISSUED: 2000 Thursday 08/16/18

SIGNED:


Jim Dudley/ Incident Meteorologist

.WEATHER DISCUSSION...A weak area of low pressure will move along the Oregon border shifting the winds aloft to the northwest however surface winds will continue to remain terrain dominated and upslope/upcanyon through the day. A final shift in winds aloft to the northeast will occur tonight and this may allow the downslope overnight flow to have a modest increase in speed. High pressure will return this weekend for light winds aloft, warmer and drier conditions and stronger inversions.

.TODAY...

Sky/weather.....Sunny. Hazy and areas of smoke.
Max temperature.....90-95.
Min humidity.....9-14 percent.
Wind (20 ft).....
Slope/valley.....Downcanyon 2-5 mph through 0800 then upslope/upcanyon
5-9 mph. Gusts to 15 mph after 1400.
Ridgetop.....South 3-6 mph in the morning then becoming northwest 2-6 mph
in the afternoon.
Mixing height.....Rising to 5000 ft AGL in the afternoon.
Transport winds.....Southwest to northwest around 5 mph.
CWR.....0 percent.
LAL.....1.

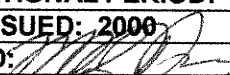
.TONIGHT...

Sky/weather.....Clear. Hazy and areas of smoke.
Min temperature.....68-73.
Max humidity.....24-29 percent.
Wind (20 ft).....
Slope/valley.....Upslope 3-7 mph through 2000 then downslope
(North to northeast) 4-8 mph with gusts to 12 mph
after 2300.
Ridgetop.....Northwest to northeast 3-6 mph.
Mixing height.....Lowering to around 600 ft AGL.
Transport winds.....North to northeast around 8 mph.
CWR.....0 percent.
LAL.....1.

.SATURDAY...

Sky/weather.....Sunny. Hazy and areas of smoke.
Max temperature.....92-97.
Min humidity.....8-13 percent.
Wind (20 ft).....
Slope/valley.....Downcanyon 2-5 mph through 0900 then upslope/upcanyon
5-9 mph. Gusts to 12 mph after 1300.
Ridgetop.....Southwest 4-7 mph.
Mixing height.....Rising to 6000 ft AGL in the afternoon.
Transport winds.....Southwest to west around 7 mph.
CWR.....0 percent.
LAL.....1.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 7	TYPE OF FIRE: Wildfire
FIRE NAME: Hirz Fire	OPERATIONAL PERIOD: Day Shift Aug 17 th 0700-2000
DATE ISSUED: August 16, 2018	TIME ISSUED: 2000
UNIT: Shasta-Trinity NF, Shasta Lake District	SIGNED:  /s/ Mike Beasley, FBAN

INPUTS

WEATHER SUMMARY

*** See IMET Weather Forecast ***

Discussion: Winds aloft will shift today from south to west in the late morning, shifting to northwest by the afternoon. Surface winds will remain terrain dominated during the day. Finally, winds aloft will come from the northeast in the evening, possibly coming into alignment with nighttime downslope winds.

Weather: Mostly sunny. Hazy and areas of smoke.

Max Temps: 90-95° **Min RH:** 9 - 14%

20' Wind: Downcanyon 2-5 mph through 0800 then upslope 5-9 mph. Gusts to 15 after 1400

Ridgetop: South 3-6 mph in the morning then becoming northwest 2-6 mph in the afternoon.

FIRE BEHAVIOR

Forecasted Indices: Sugarloaf BI (Fuel Model G) 64 down 7; Sugarloaf ERC (Fuel Model G) 89 no change;

GENERAL:

- **Fuels:** Northwestern California is currently under a **Fuels and Fire Behavior Advisory** through today for a *heavier than normal grass crop and low fuel moistures*. Past fire history is minimal, so timber litter accumulation is significant. Available fuels are significantly increased in private timber blocks with red slash and induced shrub/oak mortality, leading to a high resistance to control. The fire area has pockets of mature timber with Douglas fir and Ponderosa pine on north aspects with more shrub cover on the south- and west-facing slopes. **All live fuel moistures are reaching critically dry levels.** Live fuel moistures are modeled to be at or near 70% (lower on SW aspects) and dead/down 1000 hr. fuel moistures are < 6%.
- **Topography:** All aspects are represented in the fire, though the origin was on more of a northeast aspect. The fire is burning on steep terrain above the McCloud Arm of Lake Shasta, and on either side of the Salt Creek drainage with slopes that vary between 35 and 75%. Elevation range is 1100 – 3969'.

SPECIFIC FIRE BEHAVIOR:

- Short uphill runs in brush exceeding 80 ch/hr with 10-40' flame lengths may occur. This will trigger group- and single-tree torching with flames in excess of 100' to include short-range spotting < 0.3 mile (further if plume dominated fire behavior develops). Fire could travel over a mile during the burn period, when in alignment.
- Probability of ignition 85 - 91%.
- The majority of the fire spread will continue to be flanking and backing aided by rollout on steep slopes (ROS <2 ch/hr and flame lengths 1-3').

Branch I DIV A/B: No control problems expected along the Gillman Road from DP1 to DP15 and on to Matquaw Flat. Watch for rollout across the road and unfavorable downslope winds lasting until early midday. Favorable winds in the early afternoon, less so in the evening.

DIV F: Fire will continue to back into the Long Tom Creek drainage and flank toward Bucks Peak. Unfavorable downslope winds in the morning, followed by favorable winds in the late morning to early afternoon, then becoming less favorable into the evening

DIV T: Fire will continue to back off into the Middle Salt Creek drainage. Should have favorable winds for burning all day long coming from the west to northwest.

DIV Z: Fire will continue to flank, possibly stalling out on the lower reaches of Nawtawaket Creek. It will continue to flank actively on the upper slopes, coming into alignment for a downslope push late tonight, leading to a threat of fire across the McCloud River. Rollout will continue to extend backing fire spread.

Branch II Div Y/U: No fire threat expected in these Divisions today or tonight. Unburned fuels between you and the fire, post lookouts.

AIR OPERATIONS

Smoke inversion over the fire until midmorning will limit air operations.

Sunrise: 6:22am

Sunset: 8:04 pm

SAFETY

Consider current and predicted wind direction and intensity prior to any burnout operations

DIVISION ASSIGNMENT LIST		1. Branch I		2. Division/Group A / B (1 of 2)			
3. Incident Name Hirz Fire		4. Operational Period: DAY					
		Date/Time: 08/17/2018 0600			Date/Time: 08/17/2018 2000		
5. Operations Personnel							
Operations Chief	Don Fregulia, Dave Soldavini (t)		Division/Group Supervisor	Richard Inghram, John Morgan (t)			
Planning Ops	Alec Lane, Randy Jennings (t)		Branch Director	Mike Klimek			
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 Eldorado IHC (C-13)	Aaron Humphrey	8/26	20	N	ICP / 0600	ICP / 2000	
HC1 Diamond Mtn IHC (C-12)	Dan Dobbys	8/25	20	N	ICP / 0600	ICP / 2000	
HC1 Tallac (C-17)	Kyle Betty		20	N	ICP / 0600	ICP / 2000	
HC2 Ukiah (C-25)	Geoffrey Phelan	8/22	21	N	ICP / 0600	ICP / 2000	
HC2 WFM Eagle Lake (O-6)	Antonio Jimenez	8/23	7	N	ICP / 0600	ICP / 2000	
HC2 Fortuna Crew 22 (C-19)	Harold Reed	8/24	22	N	ICP / 0600	ICP / 2000	
ENG3 MDF 56 (E-18)	Pat Preston	8/23	5	N	ICP / 0600	ICP / 2000	
ENG3 LNF 33 (E-7)	Kevin Yost	8/22	5	N	ICP / 0600	ICP / 2000	
ENG3 MDF 64 (E-16)	Chad Holster	8/23	5	N	ICP / 0600	ICP / 2000	
ENG3 MDF 65 (E-17)	Happy Hoppe	8/23	5	N	ICP / 0600	ICP / 2000	
ENG3 KNF 15 (E-19)	John Morgan	8/23	5	N	ICP / 0600	ICP / 2000	
ENG6 Mt Adams 622 (E34)	Mike Stutts	8/21	3	N	ICP / 0600	ICP / 2000	
ENG6 Mt Adams 623 (E-51)	Paula Holter	8/21	3	N	ICP / 0600	ICP / 2000	
ENG6 Mt Adams 624 (E-52)	Ed Chico	8/21	3	N	ICP / 0600	ICP / 2000	
WT SRF15 (E-36)	Mike Espinoza	8/21	1	N	ICP / 0600	ICP / 2000	
7. Work Assignments:							
Patrol and mop-up on Gilman Road and protect structures on Gilman Road.							
Continue prep on dozer line.							
Continue line construction and scout for future line placement.							
Provide structure defense for structures on Old Mill Road.							
8. Special Instructions:							
Coordinate with READS to identify areas of concern.							
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 170.4125 N Tx 165.9625 N	CMD 4	4 (Tone10)	Air to Ground Command	Rx 168.3375 N Tx 168.3375 N	A/G CMD	14
Tactical Div/Group	Rx 168.0500 N Tx 168.0500 N	NIFC T1	5 (Tone 10)	Air to Ground Tactical	Rx 167.8125 N Tx 167.8125 N	A/G TAC	15
Prepared by (Resource Unit Leader) Gary R. Deboi		Approved by (Planning Section Chief) Alan Taylor		Date Aug. 16, 2018		Time 2100	

DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group			
		I		A / B (2 of 2)			
3. Incident Name Hirz Fire		4. Operational Period: DAY					
		Date/Time: 08/17/2018 0600			Date/Time: 08/17/2018 2000		
5. Operations Personnel							
Operations Chief	Don Fregulia, Dave Soldavini (t)		Division/Group Supervisor		Richard Inghram, John Morgan (t)		
Planning Ops	Alec Lane, Randy Jennings (t)		Branch Director		Mike Klimek		
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	
DOZ2 Britten (E-139)	Mike Condon	8/29	2	N	ICP / 0600	ICP / 2000	
DOZ2 Bennett (E-142)	Karsen Bennett		3	N	ICP / 0600	ICP / 2000	
FALM Quinn (O-11)	Allen Ingersoil, Leaf Quinn	8/24	2	N	ICP / 0600	ICP / 2000	
FALM American Timber (O-59)	Dan Tomilla, Ray Schlatter	8/23	2	N	ICP / 0600	ICP / 2000	
TFLD (O-152)	David Ingrum	8/27	1	N	ICP / 0600	ICP / 2000	
EMTF (O-42)	Louie Gonzalez	8/29	1	N	ICP / 0600	ICP / 2000	
SOF2	Michelle Tanzi		1	N	ICP / 0600	ICP / 2000	
ARCH (O-163)	Jessica Haglund		1	N	ICP / 0600	ICP / 2000	
REAF (O-244)	Todd Hamilton		1	N	ICP / 0600	ICP / 2000	
7. Work Assignments: Continue prep on dozer line. Continue line construction and scout for future line placement. Provide structure defense for structures on High Mountain Road.							
8. Special Instructions: Coordinate with READS to identify areas of concern. 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 170.4125 N Tx 165.9625 N	CMD 4	4 (Tone10)	Air to Ground Command	Rx 168.3375 N Tx 168.3375 N	A/G CMD	14
Tactical Div/Group	Rx 168.0500 N Tx 168.0500 N	NIFC T1	5 (Tone 10)	Air to Ground Tactical	Rx 167.8125 N Tx 167.8125 N	A/G TAC	15
Prepared by (Resource Unit Leader) Gary R. Deboi		Approved by (Planning Section Chief) Alan Taylor		Date Aug. 16, 2018		Time 2100	

DIVISION ASSIGNMENT LIST			1. Branch I		2. Division/Group F (1 of 2)		
3. Incident Name Hirz Fire			4. Operational Period: DAY				
			Date/Time: 08/17/2018 0600		Date/Time: 08/17/2018 2000		
5. Operations Personnel							
Operations Chief	Don Fregulia, Dave Soldavini (t)		Division/Group Supervisor		Orlando Genao, Garrett Quiggley, Jeremy McMahon (t)		
Planning Ops	Alec Lane, Randy Jennings (t)		Branch Director		Mike Klimek		
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	
ST Crew Cal Fire TBD					ICP / 0600	ICP / 0600	
HC1 American River IHC (C-7)	Matt Radtke	8/25	21	N	ICP / 0600	ICP / 2000	
HC1 Trinity IHC (C-5)	Richie Raposa	8/24	19	N	ICP / 0600	ICP / 2000	
ST Engine Cal Fire TBD					ICP / 0600	ICP / 0600	
ST Engine Cal Fire TBD					ICP / 0600	ICP / 0600	
DO22 North State (E-12)	George Poe	8/22	2	N	ICP / 0600	ICP / 2000	
DO22 Zabel Trucking (E-41)	Frank Zabel	8/23	2	N	ICP / 0600	ICP / 2000	
DO22 Thomas Horn (E-40)	Stan Drawyer	8/24	1	N	ICP / 0600	ICP / 2000	
DO22 Pro Dump (E-13)	Curt Stahl	8/22	2	N	ICP / 0600	ICP / 2000	
DO22 MEU 1142 (E-256)			3	N	ICP / 0600	ICP / 0600	
DO22 LNU 1448 (E-258)			3	N	ICP / 0600	ICP / 0600	
DO22 NEU 2342 (E-257)			3	N	ICP / 0600	ICP / 0600	
DO22 SHU 2440 (E-259)			3	N	ICP / 0600	ICP / 0600	
DO22 SHU 4442 (E-260)			3	N	ICP / 0600	ICP / 0600	
DO22 SKU 2640 (E-255)			3	N	ICP / 0600	ICP / 0600	
7. Work Assignments: Build line from Bucks Peak toward DP35. Prepare for firing from Bucks Peak to the A/B break.							
8. Special Instructions: Coordinate with READS to identify areas of concern. Backhaul trash and excess equipment. Be prepared to support IA as directed by Operations Section Chief.							
Function	Frequency	Name	Channel	Function	Frequency	Name	Channel
Command	Rx 170.4125 N Tx 165.9625 N	CMD 4	4 (Tone10)	Air to Ground Command	Rx 168.3375 N Tx 168.3375 N	A/G CMD	14
Tactical Div/Group	Rx 168.6000 N Tx 168.6000 N	NIFC T3	6 (Tone 10)	Air to Ground Tactical	Rx 167.8125 N Tx 167.8125 N	A/G TAC	15
Prepared by (Resource Unit Leader) Gary R. Deboi		Approved by (Planning Section Chief) Alan Taylor		Date Aug. 16, 2018		Time 2100	

DIVISION ASSIGNMENT LIST				1. Branch I		2. Division/Group F (2 of 2)	
3. Incident Name Hirz Fire				4. Operational Period: DAY			
Date/Time: 08/17/2018 0600				Date/Time: 08/17/2018 2000			
5. Operations Personnel							
Operations Chief		Don Fregulia, Dave Soldavini (†)		Division/Group Supervisor		Orlando Genao, Garrett Quiggley, Jeremy McMahon (†)	
Planning Ops		Alec Lane, Randy Jennings (†)		Branch Director		Mike Klimek	
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator		Leader		LWD	Number Persons	Trans. Needed	Pick Up PT./Time
MAST2 (E-225)		Paul Roen, Brett Gibford		8/29	2	N	ICP / 0600
MAST (E-57)					2	N	ICP / 0600
HEQB (E-66.3)		Carl Zinn		8/20	1	N	ICP / 0600
FMOD Brown (O-12)		Dustin Brown		8/23	2	N	ICP / 0600
TFLD (O-48)		Dennis Fiore		8/26	1	N	ICP / 0600
TFLD (O-47)		Jim McCoy		8/26	1	N	ICP / 0600
TFLD (†) (C17.4)		Elsa Gaule			1	N	ICP / 0600
EFMT (O-89)		John Barrios		8/29	1	N	ICP / 0600
SOF2		Jeff Barnhart			1	N	ICP / 0600
SOFR (O-275)		Eric Ulwelling			1	N	ICP / 0600
REAF (O-20)		Steve Bachman		8/27	1	N	ICP / 0600
REAF (†) (O-27)		Erin Tudor		8/23	1	N	ICP / 0600
7. Work Assignments: Build line from Bucks Peak toward DP35. Prepare for firing from Bucks Peak to the A/B break.							
8. Special Instructions: Coordinate with READS to identify areas of concern. Backhaul trash and excess equipment. Be prepared to support IA as directed by Operations Section Chief.							
Function	Frequency	Name	Channel	Function	Frequency	Name	Channel
Command	Rx 170.4125 N Tx 165.9625 N	CMD 4	4 (Tone10)	Air to Ground Command	Rx 168.3375 N Tx 168.3375 N	A/G CMD	14
Tactical Div/Group	Rx 168.6000 N Tx 168.6000 N	NIFC T3	6 (Tone 10)	Air to Ground Tactical	Rx 167.8125 N Tx 167.8125 N	A/G TAC	15
Prepared by (Resource Unit Leader) Gary R. Deboi		Approved by (Planning Section Chief) Alan Taylor		Date Aug. 16, 2018		Time 2100	

DIVISION ASSIGNMENT LIST				1. Branch II		2. Division/Group T (1 of 2)	
3. Incident Name Hirz Fire				4. Operational Period: DAY			
				Date/Time: 08/17/2018 0600		Date/Time: 08/17/2018 2000	
5. Operations Personnel							
Operations Chief		Don Fregulia, Dave Soldavini (t)		Division/Group Supervisor		Bryan Rosenow, Joel Bronk (t), Luke Kendall	
Planning Ops		Alec Lane, Randy Jennings (t)		Branch Director		Curt Lindstrand, Jeff Dupras (t)	
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
ST Crew CAL Fire TBD					N	ICP / 0600	ICP / 0600
ST Eng CAL Fire TBD					N	ICP / 0600	ICP / 0600
ST Eng CAL Fire TBD					N	ICP / 0600	ICP / 0600
Doz CAL Fire TBD					N	ICP / 0600	ICP / 0600
Doz CAL Fire TBD					N	ICP / 0600	ICP / 0600
ENG6 Woods 614 (E-162)		Steve Felix	8/28	3	N	ICP / 0600	ICP / 2000
ENG3 SRF 321 (E-156)		Laurence Williams	8/27	5	N	ICP / 0600	ICP / 2000
ENG3 KNF 357 (E-20)		Chase Crechriou	8/23	5	N	ICP / 0600	ICP / 2000
DO22 Dunlap (E-135)		William Dunlap	8/28	2	N	ICP / 0600	ICP / 2000
DO22 Christian (E-138)		Brad Christian	8/28	2	N	ICP / 0600	ICP / 2000
DO22 Lassen (E-136)		Tim Cook	8/28	2	N	ICP / 0600	ICP / 2000
DO22 PNF 3 (E-66)		Andrew Shepherd	8/20	3	N	ICP / 0600	ICP / 2000
DO22 Cattaneo (E-67)		Oak Smith, Steve Childs	8/24	2	N	ICP / 0600	ICP / 2000
DO22 Muth Equip (E-143)		Tytyler Muth	8/29	4	N	ICP / 0600	ICP / 2000
DO22 TRG Equip (E-149)		Suen Klassen	8/29	2	N	ICP / 0600	ICP / 2000
DO22 Miller Trucking		Harold Miller	8/29	2	N	ICP / 0600	ICP / 2000
7. Work Assignments: Build line from Rabbit Flat to Green Mountain and to Division Z break.							
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. Coordinate with READS to identify resource concerns. Identify Safety Zone hotspots and prepare for firing operations.							
Function	Frequency	Name	Channel	Function	Frequency	Name	Channel
Command	Rx 170.4125 N Tx 165.9625 N	CMD 4	4 (Tone10)	Air to Ground Command	Rx 168.3375 N Tx 168.3375 N	A/G CMD	14
Tactical Div/Group	Rx 166.7250 N Tx 166.7250 N	NIFC T5	7 (Tone 10)	Air to Ground Tactical	Rx 167.8125 N Tx 167.8125 N	A/G TAC	15
Prepared by (Resource Unit Leader) Gary R. Deboi		Approved by (Planning Section Chief) Alan Taylor			Date Aug. 16, 2018		Time 2100

DIVISION ASSIGNMENT LIST		1. Branch II		2. Division/Group Z			
3. Incident Name Hirz Fire		4. Operational Period: DAY					
		Date/Time: 08/17/2018 0600		Date/Time: 08/17/2018 2000			
5. Operations Personnel							
Operations Chief	Don Fregulia, Dave Soldavini (t)		Division/Group Supervisor	Pete English, Chris McCandless (t)			
Planning Ops	Alec Lane, Randy Jennings (t)		Branch Director	Curt Lindstrand, Jeff Dupras (t)			
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 Lassen IHC (C-10)	Allen Schultz	8/23	19	N	ICP / 0600	ICP / 2000	
HC2IA Heart Lake (C-11)	Jake Fitzgerald	8/22	18	N	ICP / 0600	ICP / 2000	
ENG3 HIA 9533 (E-157)	Derrick Branham	8/26	5	N	ICP / 0600	ICP / 2000	
ENG3 KNF 78 (E-21)	Josh Haddock	8/23	5	N	ICP / 0600	ICP / 2000	
ENG3 TMU 341 (E-158)	Paul Vosburg	8/27	5	N	ICP / 0600	ICP / 2000	
ENG6 Firestorm 9902 (E-53)	James Barbaria	8/21	3	N	ICP / 0600	ICP / 2000	
ENG6 Firestorm 9906 (E-58)	Toby Behr	8/26	3	N	ICP / 0600	ICP / 2000	
DO22 Ashbrook (E-137)	Richard Blake	8/28	2	N	ICP / 0600	ICP / 2000	
North Zone Fallers (O-10)	Rick Mee, BJ McGannon	8/23	2	N	ICP / 0600	ICP / 2000	
TFLD (O-195)	Clayton Thomas	8/22	1	N	ICP / 0600	ICP / 2000	
EMTF (O-41)	Michael S'Gro	8/26	1	N	ICP / 0600	ICP / 2000	
SOFR (O-265)	Bobby Hubby		1	N	ICP / 0600	ICP / 2000	
FEMP (O-277)	Ron Sandler		1	N	ICP / 0600	ICP / 2000	
7. Work Assignments:							
Provide structure defense for Bolibokka Club.							
Prep road north towards Pine Flat.							
Be prepared to fire from McCloud Bridge to Bollibokka Club.							
Prepare for burn operations from McCloud bridge to Bolibokka Club.							
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.							
Coordinate with READS to identify resource concerns.							
Function	Frequency	Name	Channel	Function	Frequency	Name	Channel
Command	Rx 170.4125 N Tx 165.9625 N	CMD 4	4 (Tone10)	Air to Ground Command	Rx 168.3375 N Tx 168.3375 N	A/G CMD	14
Tactical Div/Group	Rx 166.7250 N Tx 166.7250 N	NIFC T5	7 (Tone 10)	Air to Ground Tactical	Rx 167.8125 N Tx 167.8125 N	A/G TAC	15
Prepared by (Resource Unit Leader) Gary Deboi		Approved by (Planning Section Chief) Alan Taylor		Date Aug. 16, 2018		Time 2000	

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group ROADS		
3. Incident Name Hirz Fire			4. Operational Period: DAY				
			Date/Time: 08/17/2018 0600		Date/Time: 08/17/2018 2000		
5. Operations Personnel							
Operations Chief		Don Fregulia, Dave Soldavini (t)		Division/Group Supervisor		Mark Vardanega, Peter Kelly, Fernando Estrada (t)	
Planning Ops		Alec Lane, Randy Jennings (t)					
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
WT Darrah Logging 754 (E-38)		Dave Orr	8/23	1	N	ICP / 0600	ICP / 2000
WT Mayer Fire (E-188)		Jake Alanis	8/28	1	N	ICP / 0600	ICP / 2000
WT Ben Sales Trucks (E-202)		Jim Chain	8/28	1	N	ICP / 0600	ICP / 2000
WT Shumas (E-37)		Justin Shults	8/23	1	N	ICP / 0600	ICP / 2000
GRD JB Contractors (E-167)		Tom Bostwick	8/29	1	N	ICP / 0600	ICP / 2000
7. Work Assignments: Maintain roads as directed by Ground Support Unit Leader and Operations.							
8. Special Instructions:							
Function		Frequency		Name		Channel	
Command		Rx 170.4125 N Tx 165.9625 N		CMD 4		4 (Tone10)	
Tactical Div/Group						Air to Ground Tactical	
						Air to Ground Command	
						Rx 168.3375 N Tx 168.3375 N	
						A/G CMD	
						Rx 167.8125 N Tx 167.8125 N	
						A/G TAC	
Prepared by (Resource Unit Leader)		Approved by (Planning Section Chief)			Date		Time
Gary R. Deboi		Alan Taylor			Aug. 16, 2018		2100

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DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group A/B (Night)		
3. Incident Name Hirz Fire			4. Operational Period: NIGHT				
			Date/Time: 08/17/2018 1800		Date/Time: 08/18/2018 0800		
5. Operations Personnel							
Operations Chief		Jack Froggatt		Division/Group Supervisor		John Barker	
Planning Ops		Alec Lane, Randy Jennings (t)					
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 Feather River IHC (C-36)		Robert Danels	8/20	19	N	ICP / 1800	ICP / 0800
ENG3 SRF 333 (E-159)		Norman Goodwin	8/27	5	N	ICP / 1800	ICP / 0800
ENG3 LNF 383 (E-10)		Chris Watkins	8/22	4	N	ICP / 1800	ICP / 0800
ENG6 Bohica (E-61)		Anthony Cabales	8/21	3	N	ICP / 1800	ICP / 0800
TFLD (O-176)		Nathaniel Osburn	8/21	2	N	ICP / 0800	ICP / 0800
7. Work Assignments: Patrol and monitor fire progression.							
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. Coordinate with READS to identify areas of concern.							
Function	Frequency	Name	Channel	Function	Frequency	Name	Channel
Command	Rx 170.4125 N Tx 165.9625 N	CMD 4	4 (Tone10)	Air to Ground Command	Rx 168.3375 N Tx 168.3375 N	A/G CMD	14
Tactical Div/Group	Rx 168.0500 N Tx 168.0500 N	NIFC T1	5 (Tone 10)	Air to Ground Tactical	Rx 167.8125 N Tx 167.8125 N	A/G TAC	15
Prepared by (Resource Unit Leader) Gary R. Deboi		Approved by (Planning Section Chief) Alan Taylor			Date Aug. 16, 2018		Time 2200

DIVISION ASSIGNMENT LIST				1. Branch		2. Division/Group T (Night)	
3. Incident Name Hirz Fire				4. Operational Period: NIGHT			
				Date/Time: 08/17/2018 1800		Date/Time: 08/18/2018 0800	
5. Operations Personnel							
Operations Chief		Jack Froggatt		Division/Group Supervisor		Garrett Quiggley, Luke Kendall	
Planning Ops		Alec Lane, Randy Jennings (t)					
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator		Leader		LWD	Number Persons	Trans. Needed	Pick Up PT./Time
ST Crew CAL Fire TBD						N	ICP / 0600
ST Crew CAL Fire TBD						N	ICP / 0600
ST Eng CAL Fire TBD						N	ICP / 0600
DOZ2 MEU 1142 (E-256)					3	N	ICP / 0600
DOZ2 LNU 1448 (E-258)					3	N	ICP / 0600
DOZ2 NEU 2342 (E-257)					3	N	ICP / 0600
DOZ2 SHU 2440 (E-259)					3	N	ICP / 0600
DOZ2 SHU 2442 (E-260)					3	N	ICP / 0600
DOZ2 SKU 2640 (E-255)					3	N	ICP / 0600
7. Work Assignments: Continue line construction.							
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. Coordinate with READS to identify areas of concern.							
Function		Frequency		Name		Channel	
Command		Rx 170.4125 N Tx 165.9625 N		CMD 4		4 (Tone10)	
Tactical Div/Group		Rx 166.7250 N Tx 166.7250 N		NIFC T5		7 (Tone 10)	
Prepared by (Resource Unit Leader) Gary R. Deboi		Approved by (Planning Section Chief) Alan Taylor		Date Aug. 16, 2018		Time 2200	

DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group Z (Night)			
3. Incident Name Hirz Fire		4. Operational Period: NIGHT					
		Date/Time: 08/17/2018 1800			Date/Time: 08/18/2018 0800		
5. Operations Personnel							
Operations Chief	Jack Froggatt		Division/Group Supervisor		Jacob Botts, Tad Hair (t)		
Planning Ops	Alec Lane, Randy Jennings (t)						
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 Mad River IHC (C-23)	Erick Esquivel	8/28	21	N	ICP / 1800	ICP / 0800	
ENG3 PNF 311 (E-11)	Dustin Langston	8/17	4	N	ICP / 1800	ICP / 0800	
ENG6 9909 (E-63)	Stanley Hawkins	8/24	3	N	ICP / 1800	ICP / 0800	
WT2 G.J.Corns (E-65)	Ian Savage	8/28	1	N	ICP / 1800	ICP / 0800	
EMPF (O-87)	Buzz Olson		1	N	ICP / 1800	ICP / 0800	
7. Work Assignments:							
Provide structure defense for Bolibokka Club.							
Prep road north towards Pine Flat.							
Be prepared for firing operations from McCloud River Bridge to Bollibokka Club.							
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.							
Coordinate with READS to identify areas of concern.							
Function	Frequency	Name	Channel	Function	Frequency	Name	Channel
Command	Rx 170.4125 N Tx 165.9625 N	CMD 4	4 (Tone10)	Air to Ground Command	Rx 168.3375 N Tx 168.3375 N	A/G CMD	14
Tactical Div/Group	Rx 166.7750 N Tx 166.7750 N	NIFC T6	8 (Tone 10)	Air to Ground Tactical	Rx 167.8125 N Tx 167.8125 N	A/G TAC	15
Prepared by (Resource Unit Leader) Gary R. Deboi		Approved by (Planning Section Chief) Alan Taylor		Date Aug. 16, 2018		Time 2200	

1. INCIDENT NAME: Hirz		2. OPS PERIOD DATE: 17 Aug - 2018		START TIME: 0800	END TIME: 2000	SUNRISE: 0623	SUNSET: 2004
3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.): MONITOR AIR TO GROUND FREQ WHEN AIRCRAFT ARE IN YOUR DIVISION. SITUATIONAL AWARENESS IS HIGH PRIORITY ALONG WITH BUCKET WORK! FLY WITH LIGHTS AND TRANSDSPONDER ON (1255) <u>Watch out for high tension wires</u>							
4. READY ALERT AIRCRAFT MEDEVAC - See Medical Plan H-506 (T2), Designated Guard 841 Dedicated 24 hr				5. TFR #: 8/9122 8,000 msl, polygon			

6. PERSONNEL	NAME	PHONE #	7. FREQUENCIES	AM	FM	8. FIXED-WING- Type/ Make-Model/ N#/ Base
AOBD	Bruce Wicks 0-44.1	530-906-2224	AIR/ AIR - TFR AIR/AIR ROTOR	124.5750 A-8 118.7750 A-30		AIRTANKERS- TBA
ASGS	Steve Beall 0-44.?	530-598-6755	AIR Tactics F/W AIR/GD Tactics AIR/GD Command		166.9500 A-9 167.8125 A-10 168.3375 A-31	LEAD PLANES- TBA ATGS AIRCRAFT - 690HB AA06 A-28 Cobra 107Z A-35
HEB1	On order					
HEB2 - Mott HEB2t - Tews HEB2 - Tews	Tyler Williams Jordan Mallory Eric Holzem	530-592-8859 530-844-6968 530-782-2937	Command 1		171.5375 rx 164.0875 tx Tone 10	Scooper 260 available thru NoOps Scooper 261 available thru NoOps
ATGS - Cobra	Rico Gonzalez	530-6056376	Command 2		172.6500 rx 164.7500 tx Tone 10	
			Command 3		170.4250 rx 168.0750 tx Tone 10	
			Deck		163.100 (107.2) tx/rx	
			Air Guard		168.6250 (110.9)tx/rx	OTHER FW AIRCRAFT-

9. HELICOPTERS (Use Additional Sheets as Necessary)

FAA N#	T Y	MAKE/ MODEL	BASE	AVAIL	START	REMARKS	FAA N#	T Y	MAKE/ MODEL	BASE	AVAIL	START	REMARKS
205BT	2	H-506	Hirz HB	0830	0800	EXC A-4	502HQ	2	H-502	Hirz HB	0830	0800	EXC A-59
948CH	1	CH-47	Hirz HB	0830	0800	CWN A-21							
804PJ	1	UH-60	Hirz HB	0830	0800	CWN A-22							
611CK	1	1CK	Hirz HB	0830	0800	EXC A-29							
161KA	1	1KA	Hirz HB	0830	0800	EXC A-3							
107Z		Cobra	RDD	0830	0800	EXC A-35							

Note: Two CL 415's available in Chico

**All helicopters will be moving to the new Hirz HB tomorrow weather permitting.
Address is 10141 Oriole Lane, Palo Cedro, CA 96073**

INCIDENT RADIO COMMUNICATIONS PLAN		Incident Name HIRZ CA-SHF-001223		Date/Time Prepared 08/16/18 1800hrs		Operational Period Date/Time 8/17/18 0600 To 8/18/18 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	NIFC CMD 31	CMD 1	COMMAND 1	171.5375 N	T-10	164.0875 N	T-10	A	COMMAND ON WEST OF HIRZ MTN. USE TONE 10 (107.2)
2	NIFC CMD 48	CMD 2	COMMAND 2	172.6500 N	T-10	164.7500 N	T-10	A	COMMAND ON SUGARLOAF USE TONE 10 (107.2)
3	NIFC CMD 3	CMD 3	COMMAND 3	170.4250 N	T-10	168.0750 N	T-10	A	COMMAND FROM ICP TO FIRE
4	NIFC CMD 4	CMD 4	COMMAND 4	170.4125 N	T-10	165.9625 N	T-10	A	COMMAND ON HIRZ MTN. USE TONE 10 (107.2)
5	NIFC TAC 1	NIFC T1	DAY DIV A / B NIGHT DIV A / B	168.0500 N	T-10	168.0500 N	T-10	A	USE TONE 10 (107.2)
6	NIFC TAC 3	NIFC T3	DAY & NIGHT DIV F	168.6000 N	T-10	168.6000 N	T-10	A	USE TONE 10 (107.2)
7	NIFC TAC 5	NIFC T5	DIVISION T / Z NIGHT DIV T	166.7250 N	T-10	166.7250 N	T-10	A	USE TONE 10 (107.2)
8	NIFC TAC 6	NIFC T6	DIVISION U / Y NIGHT DIV Z	166.7750 N	T-10	166.7750 N	T-10	A	USE TONE 10 (107.2)
9	NIFC TAC 7	NIFC T7	STRUCTURE GROUP	168.2500 N	T-10	168.2500 N	T-10	A	USE TONE 10 (107.2)
10	SERVICE NET DIRECT	SERV NET	TBA	171.5000 N	T-10	171.5000 N	T-10	A	DO NOT USE UNTIL ASSIGNED
11	SHF SERVICE NET RPT	SERV RPT	ALL DIVISIONS	171.5000 N	T-1	164.8250 N	T-1	A	USE TONE 1 (110.9)
12	SHF FOREST NET	EMERGENCY	ALL DIVISIONS	171.5750 N	T-10	165.0125 N	T-10	A	FOR EMERGENCY CONTACT TO SHF DISPATCH USE TONES 10
13	CALCORD	CALCORD	ALL DIVISIONS	156.0750 N	T-6	156.0750	T-6	A	MEDICAL EMERGENCY TACTICAL
14	A/G COMMAND	A/G CMD	ALL DIVISIONS	168.3375 N		168.3375 N		A	ORDERING OF AIRCRAFT
15	A/G TACTICAL	A/G TAC	ALL DIVISIONS	167.8125 N		167.8125 N		A	AIR TO GROUND TACTICAL
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
Rick Stone, COM1
COM1

Incident Location
HIRZ ICP, SHASTA-TRINITY NATIONAL FOREST

INCIDENT RADIO COMMUNICATIONS PLAN			HIRZ CA-SHF-001223 INITIAL ATTACK			Date/Time Prepared	Operational Period Date/Time		
Incident Name			Date/Time Prepared			Operational Period Date/Time			
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	SHASTA LAKE MGMT. UNIT	SLMU	INITIAL ATTACK	167.7250 N		167.7250 N	T-7	A	USE TONE 7 (167.9)
2	SHAST-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	ZONE 1	168.6250 N	ZONE 1	A	EMERGENCY ONLY
Prepared by			Incident Location						
Rick Stone, COML			HIRZ ICP, SHASTA-TRINITY NATIONAL FOREST						

Rick Stone Coml

MEDICAL PLAN (ICS 206 WF)

1. Incident/Project Name		2. Operational Period		Day/Night		
HIRZ FIRE		Date/Time 8/17/18 0600 - 8/18/18 0800				
3. Ambulance Services						
Name	Location	Phone & EMS Frequency	Advanced Life Support (ALS) Yes No			
Medic 78 – Incident Ambulance	Hirz Bay (Day), ICP (Night)	Contact on Command	X			
Medic 7253- Incident Ambulance	Branch II (Day), Hirz Bay (Night)	Contact on command	X			
AMR Ambulance	Shasta Lake, CA (if available) 40min-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	Hoist Rescue– Bieber, CA		Day only		
CHP 15 min eta	911	Hoist Rescue – Redding, CA		Day only		
Guard 841 20 min eta	911 – Redding ECC Cal-Fire aircraft desk	Hoist 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	Address
Pulse Urgent Care	Lat:	N/A	50 min	530-722-1111 10am-7:30pm	X	100 E. Cypress Ave. Redding, CA 96002
	Long:					
	VHF:					
Mercy Medical Center – Level II Trauma	Lat:	15 min	50 min	530-225-7201 (ER)	X	2175 Roseline Ave. Redding, CA
	Long:					
	VHF:					
Shasta Regional Medical Center	Lat:	15 min	50 min	530-244-5353 (ER)	X	1100 Butte, Redding, CA
	Long:					
	VHF:					
UC Davis Level I Trauma/Burn Center	Lat:	1 hr	3.5 hrs	916-734-3636 916-734-3790	X	2315 Stockton Blvd. Sacramento, CA
	Long:					
	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:						
H-3 - N40°57.67 W122°16.58 H-11(Hirz Bay boat launch)– N40°51.72 W122°15.26 H-1 (Ellery Creek) - N40°55.00 W122°14.57						
Alternate no-fly plan:						
7. Remote Aid Stations						
Hirz Medical Unit– ICP		Point of Contact:		MEDL – Travis Robinson 530-559-1007		
		EMS Responders & Capability:		Frontline Advanced Life Support		
		Equipment Available on Site:		Medical supplies		
		Ambulance ETA :		Air – 15 min. Ground – 5 min.		
8. Prepared By (Medical Unit Leader)		9. Date/Time		10. Reviewed By (Safety Officer)		11. Date/Time
Josh Ramey – MEDL 530-277-1213 Travis Robinson- MEDL(T) 530-559-1007		8/16/18 1930		James Courtright – SOF2 <i>James Courtright</i>		8/16/18 1930

HIRZ INCIDENT RISK ANALYSIS (215a)

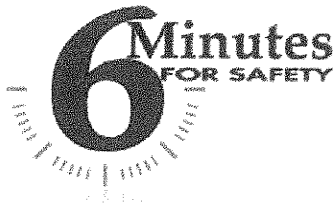
Day Shift, August 16, 2018 (0600 to 2000) and Night Shift, August 16-17 (1800-0800)

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"> * Minimum 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. ○ Mental confusion may develop This is a serious trigger point for the potential onset of Heat Stroke. • Refer to Medical Plan in IAP for additional EMS care and Evacuation
B, F, T, Z	Fire Behavior	<p>~ Expect an increase of Fire Behavior after 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>~ 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>
B, F, T, U, Y, Z	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>~ Utilize the Risk Management Process on page 1 in the IRPG 2018</p>

HIRZ INCIDENT RISK ANALYSIS (215a)

Day Shift, August 16, 2018 (0600 to 2000) and Night Shift, August 16-17 (1800-0800)

B, F, T, U, Y, Z	Indirect Fireline	<ul style="list-style-type: none"> ~ Fireline location; refer to pg 84 in IRPG, 2018 ~ Attend daily Operational Briefings to gain the most current information. ~ Coordinate LCES for all personnel involved ~ Use direct attack whenever possible pg 82 in IRPG, 2018 ~ If Considering Indirect Attack Strategy, utilize pg 83 in IRPG, 2018 ~ If considering Downhill Line Construction, Follow the Checklist (IRPG pg. 9) ~ Utilize the Risk Management Process found on pg 1 in IRPG
B, F, T, U, Z	Heavy Equipment Operations	<ul style="list-style-type: none"> ~ Establish visual & radio communication methods are in place prior to engaging ~ 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 ~ 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. ~ Close roads or trails if necessary for public safety ~ Correctly wear all required PPE ~ Refer to page 86 in IRPG, 2018
B	Power & Utilities	<ul style="list-style-type: none"> ~ Always treat downed wires as energized. ~ Communicate - Identify - Isolate - Deny Entry ~ Refer to pages 24 & 25 in IRPG, 2018 for Power Line Safety. ~ Extinguish wooden poles burning at the base with a fog pattern to prevent downed wire hazards ~ Be aware that generators can "back feed" power onto lines when improperly installed ~ Be aware of utility restoration in your work area. ~ Be aware that powerlines lying on metal fences can send dangerous currents along the fence for miles
ALL	Driving & Traffic	<ul style="list-style-type: none"> ~ Practice "Defensive Driving" techniques traveling on all roads in both rural and urban settings ~ 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 ~ Honk horn to alert personnel when backing. Use spotters when available ~ 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. ~ Expect two way traffic on one lane roads. Stay on your side, and approach corners with caution ~ Headlights ON. Manually turn on Headlights. Most vehicles have "auto" headlights ~ NO riding in the back of pick-ups. It is against the Law.
ALL	Hazard Trees	<ul style="list-style-type: none"> ~ Green Trees & Fire weakened trees continue to be a threat ~ Scout work area for aerial hazards prior to engagement to ensure a safe work area ~ Follow "Hazard Tree Safety" guidelines, page 22, 23 in IRPG, 2018 ~ Look up, down and around for Hazard Tree indicators. Info on pg 22 IRPG, 2018 ~ Post lookouts, or use a spotter in mop-up areas with personnel. ~ Don't park vehicles or take breaks in high concentrations of hazard trees. ~ Establish trigger points for disengagement during high wind events. ~ Remember that the hazard zone extends a minimum of 2 1/2 tree heights. ~ Utilize pg 85 in the IRPG, 2018 for Procedural Felling Operations ~ No "Felling" of any tree at Night, or during High Wind events. ~ Flag off areas of concern, communicate to Division, adjoining resources, and brief relief resources until hazards have been mitigated ~ Post a "Lookout" if possible to control the area of concern
ALL	Aircraft Operations	<ul style="list-style-type: none"> ~ Review and discuss Aviation Watch Out Situations listed in IRPG pg 46 ~ Ensure resources are clear of "Target Area" during bucket or retardant use. ~ Use air-to-ground frequency to communicate with aircraft. ~ Use clear, concise statements when directing aircraft. ~ Use clock directions from pilot's perspective and mirror flashes. ~ Evaluate risk vs gain for each mission/target ~ Ensure use of qualified personnel when involved with longline operations. ~ Keep non-essential personnel away from dip sites (natural and/or man made) ~ Ensure personnel receive a passenger briefing prior to flight. ~ Use aerial Supervision and maintain separation.
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 <h2 style="text-align: center;">HIRZ</h2> ICS 215a		DATE PREPARED: <h3 style="text-align: center;">August 15, 2018</h3> TIME PREPARED: 1800 HOURS
		OPERATIONAL PERIOD Day Shift 0600 - 2000 Night Shift 1800 - 0800 Prepared by: Courtright, SOF2 M.Tanzi, SOF1 J.Barnhart, SOF2



MY SAFETY

Leadership Category

An important aspect of safety is individual responsibility for one's own health & safety. Even with the best supervision, each individual firefighter will occasionally be required to make personal decisions concerning their safety. It is important that individual responsibility be taught as the basis for a viable safety program. Some of those individual responsibilities are:

- Fitness for duty. Begin each work shift both mentally and physically prepared for the rigors of wildland firefighting. Getting adequate sleep, maintaining a healthy diet, and proactively participating in physical training are the foundation of "My Safety".
- Utilization of personal protective equipment. Wear your PPE without being told. Each individual is responsible for performing their own risk assessments. If a hazard is identified that can be mitigated by wearing a particular PPE component it should be utilized. Fireline supervisors have more important duties to focus on other than performing glove patrol.
- Following safe work practices. Using a spotter when backing up vehicles is the prudent and professional course of action. If you are unsure of how to perform a job task safely, ask your supervisor or experienced coworker.
- Using the correct reference materials is an important aspect of safety. You should have a working knowledge of the Red Book, IRPG, and your local operating guidelines.
- Ensure instructions are clearly understood. Communication is a basic responsibility for all fire personnel. Ask appropriate questions to clarify uncertain issues. Speak up when you observe hazards that may place yourself or others at risk.
- Maintain situational awareness at all times. Awareness is a vital component of "My Safety". Pay attention to what is happening around your area of operations. Always display an awareness of what is happening around you by asking questions or making comments.

Summary: Do not expect someone else to be responsible for your safety. Take it upon yourself to make "My Safety" your number one priority.

Discussions points:

1. *Talk about ways you can improve on your safety.*
2. *Have your supervisor talk about their expectations for individual safety.*

Have an idea? Have feedback? Share it.

EMAIL | [Facebook](#) | MAIL: 6 Minutes for Safety Subcommittee • 3833 S. Development Ave • Boise, ID 83705 | FAX: 208-387-5250

TRAINING SPECIALIST MESSAGE

A Training Specialist is now on the incident.

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

**Please bring your Qualifications Card (Redcard)
and Position Taskbook when checking in.**

HIRZ TRAINING SPECIALIST

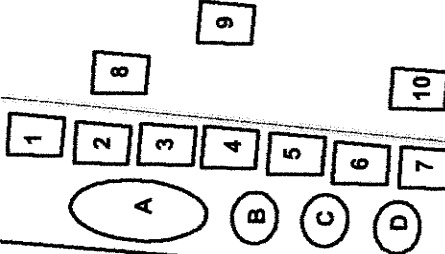
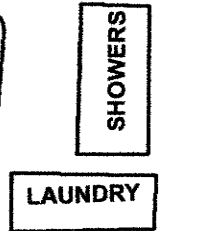
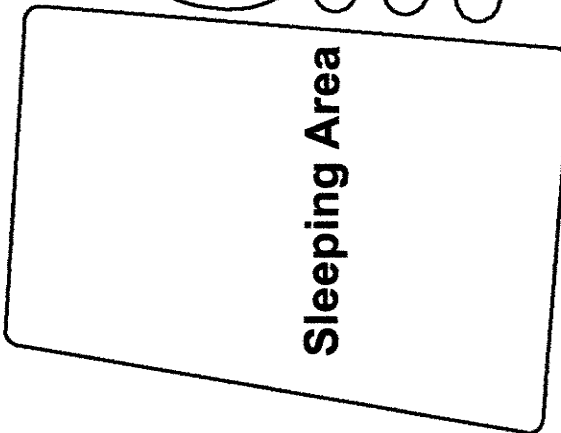
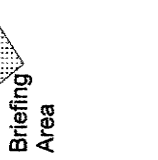
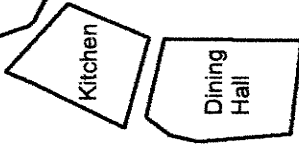
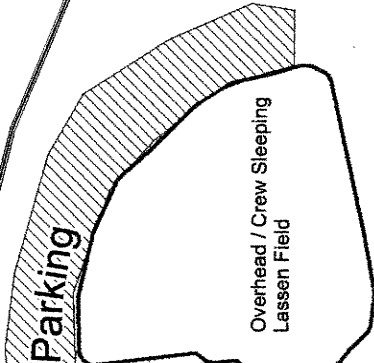
Jim Mitchell
CONTACT# (619)247-9396

HIRZ BASECAMP MAP

Shasta Dam Blvd.

North Gate

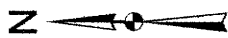
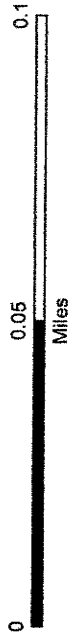
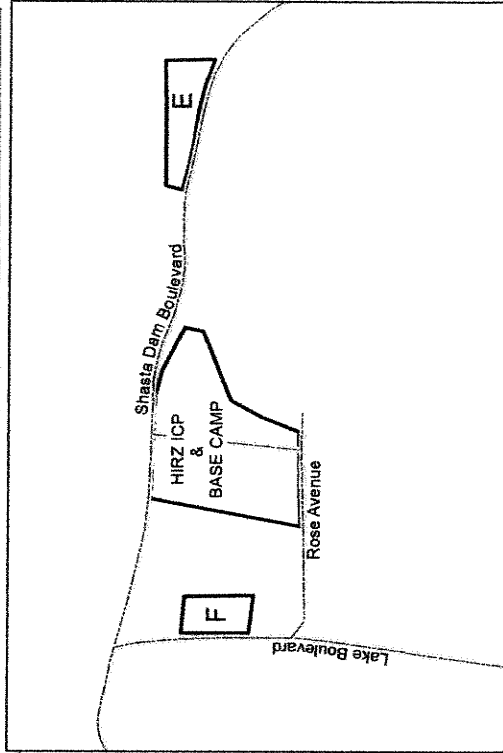
South Gate



1	COMMUNICATIONS
2	CHECK-IN / DEMOB
3	HUMAN RESOURCES / WX-FBAN
4	ORDERING / MEDICAL
5	IC / LAISON
6	TRAINING / ITSS
7	GISS
8	FIRE INFORMATION
9	FIRST LINE MEDICAL
10	COPY TRAILER
A	OPERATIONS / PLANS
B	FINANCE
C	LOGISTICS
D	PLANNING MTG

MAP INSET

E	SLEEP TRAILERS / MECHANICS / WEED WASH & FUEL
F	GROUND SUPPORT



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	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:		



