

FORK COMPLEX

Incident Action Plan

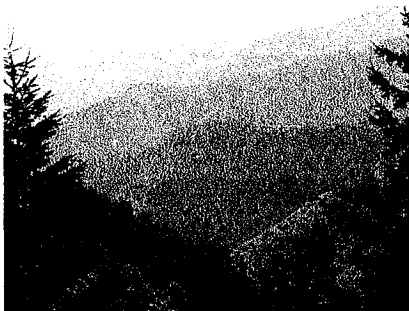
Sept. 7, 2015
0700 - 1900



TRAFFIC



TREES



TERRAIN

Know How To Deal Safely With The Big 3

CA-SHF-002067

SHASTA-TRINITY NATIONAL FOREST

Northern California Team 1

INCIDENT OBJECTIVES		1. Incident Name		2. Date Prepared		3. Time Prepared	
ICS 202		Fork Complex		09/06/2015		2000	
4. Operational Period							
September 7 th , 2015		DAY OPERATIONAL PERIOD				0700-1900	
5. General Control Objectives for the Incident (include alternatives)							
<p>Operational Objectives:</p> <ol style="list-style-type: none"> 1. Keep the fires in the Fork Complex within existing containment lines while minimizing impacts to natural and cultural resources. 2. Implement fire suppression damage repair in accordance with the approved plan. 3. Emphasize operational safety through implementation of the Risk Management Process. 							
6. General Weather							
See attached forecast.							
7. General Safety Message							
We are very heavy into suppression repair. Know what equipment is working in your division. Lowboys are announcing when they start down narrow roads. Listen on command, pull over and let them pass.							
8. Attachments							
x	Organization List-ICS 203	x	Air Ops Plan ICS-220	x	Fire Weather Forecast		
x	Division Assignment List-ICS 204	x	Incident Map	x	Fire Behavior Forecast		
x	Communications Plan-ICS 205		Transportation Maps		Human Res./Training Message		
x	Medical Plan-ICS 206	x	Safety Messages	x	Water Log / Equipment Log		
9. Prepared by (Planning Section Chief)				10. Approved by (Incident Commander)			
Walter Herzog				<i>Kent Sweetland - Deputy IC</i>			

ORGANIZATION ASSIGNMENT LIST		9. Operations Section		
1. Incident Name Fork Complex		Day Ops Chief	Dustan Mueller	
2. Date 9/6/2015		Night Ops Chief		
3. Time 2000 Hours		Planning Ops		
4. Operational Period 9/07/2015 DAY 0700 – 1900 Hours		a. Division/Groups		
Position		Branch		
Name		Division	L	Unstaffed
		Division	M / N	Jack Sevelson
5. Incident Commander and Command Staff		Division	R	Shannon Bowman
Incident Commander	Jay Kurth, Curtis Coots (t)	Division	T	Unstaffed
Deputy IC	Kent Swartzlander			
Liaison	Kathy Hardy			
Safety Officer	Jim Mackenson			
Information Officer	Barbara Rebiskie	b. Division/Group		
6. Agency Representative				
Agency	Name	Group	Roads	Chad Lawson
Agency Admin	Tom Hall			
Shasta NF Duty Chief	Ben Newburn			
CAL FIRE Arep	Nick Truax			
Lead Resource Advisor	Sam Commarto	c.		
Trinity County Sheriff	Mike Rist			
SPI	Tom Walz			
CCC	Steve Donnelly			
		d.		
		e.		
7. Planning Section				
Chief	Walter Herzog	f. Air Operations Branch		
Resources Unit	Alan Taylor (t), Gary Deboi	Air Operations Branch Director		
Situation Unit	Eric Kronner (t)	Air Support Group Supervisor		
Demob/Documentation Unit	Gary Deboi	Air Tactical Group Supervisor		
FBAN / LTAN	John Wood	Helibase Manager		
SOPL				
Incident Meteorologist	Phillip Manuel	10. Finance Section		
Training Specialist		Chief	Lois Charlton	
GISS	Jim Gonzalez, Annette Navarre (t)	Time Unit	Ruby Metcalf, Jenifer Lemke, Anita Dore, Alejandra Pena	
CTSP		Cost Unit		
		Comp/Claims Unit		
8. Logistics Section		Procurement Unit Leader		
Chief	Mike Jellison	IBA	Janette Archibeque	
Supply Unit				
Facilities Unit	Frank DeCarlo, Gonzalo Ochoa	Prepared By: Alan Taylor, RESL (t)		
Ground Support Unit				
Communications Unit	Phil Shafer, Chris Reynolds, Michael Flynn (t)			
Medical Unit	Travis Robinson (t)			
Food Unit				

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:			3.			
FORK COMPLEX			Branch:		Division/Group:	
2. Operational Period:			M/N			
DAY						
Date/Time From: 09/07/2015 0700 MON		Date/Time To: 09/07/2015 1900 MON				
4. Operations Personnel						
OPERATIONS CHIEF		DUSTAN MUELLER		PLANNING OPERATIONS		
DIVISION/GROUP SUPERVISOR		JACK SEVELSON				
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
C2IA HAPPY CAMP 2A C-149		09/20	JESSE PARRY	10	ICP/0700	ICP/1900
ENG3 BOULDER FD E-491		09/12	JAMES CARPENTER	4	ICP/0700	ICP/1900
ENG6 MT ADAMS E-330 SOUTH				3	ICP/0700	ICP/1900
DOZ2 FIRE BEE E-53		09/10	BRUCE FIELDS	1	ICP/0700	ICP/1900
DOZ2 WARNER ENTER. E-55		09/14	TOM HELSLEY	2	ICP/0700	ICP/1900
DOZ2 CA-MNF E-171 SOUTH		09/11	ROD CARLETON	2	ICP/0700	ICP/1900
EXCA TRINITY RIVER E-523		09/14	MATT SKELTON	2	ICP/0700	ICP/1900
EXCA DUDLEY'S E-525		09/13	JOHN STUGELMEYER	1	ICP/0700	ICP/1900
EXCA ROEN E-526		09/14	MICHAEL RYAN	2	ICP/0700	ICP/1900
EXCA BENS TRUCK E-546		09/08	KEITH FLASH	2	ICP/0700	ICP/1900
EXCA SPYDER E-554		09/09	CASEY CARLSON	1	ICP/0700	ICP/1900
EXCA FECON HEAD E-557		09/10	CHAD GLEIM	2	ICP/0700	ICP/1900
SKID WARNER E-550		09/13	PAUL WARNER	1	ICP/0700	ICP/1900
CHIP FIRESTORM E-565		09/20	DANE ECCLES	3	ICP/0700	ICP/1900
TFLD O-788 SOUTH		09/18	JOHN BRISTOW	1	ICP/0700	ICP/1900
TFLD O-765		09/19	JOHN WARD	1	ICP/0700	ICP/1900
TFLD (T) O-767		09/20	DAVID MCCULLEY	1	ICP/0700	ICP/1900
HEQB O-727		09/13	RICHARD DIEDE	1	ICP/0700	ICP/1900
HEQB O-733		09/15	DEREK PADILLA	1	ICP/0700	ICP/1900
HEQB O-762		09/18	DANIEL SMITH	1	ICP/0700	ICP/1900
HEQB O-763		09/19	BRANDON BORJON	1	ICP/0700	ICP/1900
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND NIFG C-32	3	164.7750 N	162.2	170.0500 N	162.2	A
TACTICAL R5-TAC4	7	166.5500 N	162.2	166.5500 N	162.2	A
AIR TO GROUND	8	168.7375 N		168.7375 N		A
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
ALAN TAYLOR			WALTER HERZOG		09/06/2015	2000

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:		3.				
FORK COMPLEX		Branch:		Division/Group:		
2. Operational Period:		DAY				
Date/Time From: 09/07/2015 0700 MON		Date/Time To: 09/07/2015 1900 MON		M/N		
4. Operations Personnel						
OPERATIONS CHIEF		DUSTAN MUELLER		PLANNING OPERATIONS		
DIVISION/GROUP SUPERVISOR		JACK SEVELSON				
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
FALM NORTH ZONE FALLERS O-289		09/19	KENT PARKER, JEREMY MASON	2	ICP/0700	ICP/1900
FALM PRO PLUS FALLERS O-736		09/14	TRACY PORTER, WALTER KURTZ	2	ICP/0700	ICP/1900
FALM NOR CAL FIRE 1 O-768		09/19	BRIANE VIALE, JASON ABLES	2	ICP/0700	ICP/1900
FALM NORTH ZONE FALLERS O-793 SOUTH		09/17	CARL HALL, GARY RILEY	2	ICP/0700	ICP/1900
READ O-719		09/13	MARK SKINNER	1	ICP/0700	ICP/1900
READ O-742		09/15	GARY CONES	1	ICP/0700	ICP/1900
READ O-750		09/15	GARY DIRIDONI	1	ICP/0700	ICP/1900
READ O-751		09/15	LISA GRUDZINSKI	1	ICP/0700	ICP/1900
THSP O-409		09/06	JOSH SMITH	1	ICP/0700	ICP/1900
SOFR O-748		09/18	JACK THOMAS	1	ICP/0700	ICP/1900
FEMP O-759		09/19	STEVEN HARRINGTON	1	ICP/0700	ICP/1900
FEMT O-758		09/09	DEAN VERNARECCI	1	ICP/0700	ICP/1900
6. Control Operations/Work Assignments:						
Continue suppression repair and coordinate with Operations on work assignments. Mop up areas of heat where safe to do so and necessary.						
7. Special Instructions:						
<ul style="list-style-type: none"> • Wilderness boundary is marked with blue/yellow flagging. • Repairs are to be consistent with the Fork Complex Fire Suppression Repair Plan, August 17, 2015 <p>Sensitive areas are marked with yellow/black striped flagging. Minimize ground disturbing activities in the area, if you're not sure, ask.</p>						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND/NIFC C32	3	164.7750 N	162.2	170.0500 N	162.2	A
TACTICAL R5 TAC4	7	166.5500 N	162.2	166.5500 N	162.2	A
AIR TO GROUND	8	168.7375 N		168.7375 N		A
9. Prepared By (Resource Unit Leader)		Approved By (Planning Section Chief)		Date	Time	
ALAN TAYLOR		WALTER HERZOG		09/06/2015	2000	

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:		3:				
FORK COMPLEX		Branch:		Division/Group:		
2. Operational Period: DAY				R		
Date/Time From: 09/07/2015 0700 MON	Date/Time To: 09/07/2015 1900 MON					
4. Operations Personnel						
OPERATIONS CHIEF		DUSTAN MUELLER		PLANNING OPERATIONS		
DIVISION/GROUP SUPERVISOR		SHANNON BOWMAN				
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
C2IA HAPPY CAMP CREW 2B C-149	09/20	KEN COOPER	9	ICP/0700	ICP/1900	
ENG3 SHF ENGINE-371 E-336 SOUTH	09/12	KEVIN MOGLIA	5	ICP/0700	ICP/1900	
ENG6 PAULTON 671 E-496	09/19	BILL PAULTON	3	ICP/0700	ICP/1900	
DOZ2 SHF DOZ29 E-399	09/19	DAVE BROWN	1	ICP/0700	ICP/1900	
CHIP FS #1897 E-558	09/09	JACK TURNER	5	ICP/0700	ICP/1900	
HEQB O-731	09/15	TANNER GREENE	1	ICP/0700	ICP/1900	
HEQB (T) O-790 SOUTH	09/18	MOISES MONGE	1	ICP/0700	ICP/1900	
READ O-663	09/06	NICK MEYERS	1	ICP/0700	ICP/1900	
READ O-772	09/19	BRENDAN LUKAS	1	ICP/0700	ICP/1900	
FEMT O-760	09/19	DAVID DURHAM	1	ICP/0700	ICP/1900	
FEMP O-771	09/20	ROMAN RUBALCAVA	1	ICP/0700	ICP/1900	
6. Control Operations/Work Assignments:						
Continue suppression repair and coordinate with Operations on work assignments. Mop up areas of heat where safe to do so and necessary.						
7. Special Instructions:						
<ul style="list-style-type: none"> Wilderness boundary is marked with blue/yellow flagging. Repairs are to be consistent with the Fork Complex Fire Suppression Repair Plan, August 17, 2015 <p>Sensitive areas are marked with yellow/black striped flagging. Minimize ground disturbing activities in the area, if you're not sure, ask.</p>						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND NIFC C-4	1	166.6125 N	162.2	168.4000 N	162.2	A
TACTICAL NIFC T-5	6	166.7250 N	162.2	166.7250 N	162.2	A
AIR TO GROUND	8	168.7375 N		168.7375 N		A
9. Prepared By (Resource Unit Leader)		Approved By (Planning Section Chief)		Date	Time	
ALAN TAYLOR		WALTER HERZOG		09/06/2015	2000	

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:		3.				
FORK COMPLEX		Branch:	Division/Group: ROADS			
2. Operational Period: DAY						
Date/Time From: 09/07/2015 0700	MON	Date/Time To: 09/07/2015 1900	MON			
4. Operations Personnel						
OPERATIONS CHIEF	DUSTAN MUELLER		ROADS GROUP	CHAD LAWSON		
PLANNING OPERATIONS						
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
WT2 NORTH STATE E-14	09/09	BRENT SMALL	1	ICP/0700	ICP/1900	
WT2 NORTH STATE E-133	09/12	LANDON ROSECRANS	2	ICP/0700	ICP/1900	
WT2 PRO-DUMP E-238	09/14	CHARLES MEEKER	1	ICP/0700	ICP/1900	
WT2 KILLINGBECK E-519	09/14	MERLE KILLENBECK	1	ICP/0700	ICP/1900	
WTS2 GET WET E-520	09/13	TYLER MINTO	1	ICP/0700	ICP/1900	
WT2 PARTRIDGE E-521	09/13	CHEQUITA PEACOCK	1	ICP/0700	ICP/1900	
GRDR OILAR AG E-435	09/14	PAT OILAR	2	ICP/0700	ICP/1900	
6. Control Operations/Work Assignments:						
Coordinate with Division Supervisors and Lead READ on work assignments.						
7. Special Instructions:						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND (NFC-4)	1	166.6125 N	162.2	168.4000 N	162.2	A
TACTICAL (NFC-1)	5	168.0500 N	162.2	168.0500 N	162.2	A
AIR TO GROUND	8	168.7375 N		168.7375 N		A
9. Prepared By (Resource Unit Leader)		Approved By (Planning Section Chief)		Date	Time	
ALAN TAYLOR		WALTER HERZOG		09/06/2015	2000	



Fork Complex Fire Weather Forecast



FORECAST NO: 55

NAME OF FIRE: Fork Complex

PREDICTION FOR: Monday Day Shift

UNIT: Shasta-Trinity National Forest

SHIFT DATE: Sep 7, 2015
TIME AND DATE

SIGNED: *Phil Manuel*

Phil Manuel
IMET – South Complex

FORECAST ISSUED: Sep 6, 2015 @ 1800 PDT

WEATHER DISCUSSION: *...Rising Temperatures And Low Humidity...*

As the week unfolds expect abundant sunshine, steadily rising temperatures, low humidity and terrain driven winds. High pressure will also result in a subsidence inversion. This will lead to reduced ventilation and a thermal belt at night along the mid/upper slopes with poor overnight humidity recovery.

Weather Forecast for Monday:

Weather: Sunny.

High Temperature ... Midslopes/Ridges 72-77. Lower valleys (Hayfork) 87-92.

Min RH (Midslopes/Ridgetops/valleys)... 12-18%

20-FOOT WINDS:

Ridgetop..... Variable less than 6 mph.

MidSlope..... Upslope 2-5 mph.

Valley..... Upvalley 3-6 mph. Gusts of 10 mph during the afternoon and evening.

Weather Forecast for Monday Night: *...Poor Humidity Recovery...*

Weather: Mostly Clear. Poor humidity recovery along the upper slopes and ridge tops.

Low Temperature (Ridgetops)... 52-56.

Low Temperature (Valleys)..... 44-48.

Max RH (Midslopes/Ridgetops)..... 40-50% before midnight, then falling to around 15% toward daybreak Tuesday.

Max RH (Valleys)..... 70-80%.

20-FOOT WINDS:

Ridgetop..... Northeast 3-6 mph.

Slope/Valley..... Up valley 2-4 mph until 2100, then down valley drainage 1-3 mph.

Weather Forecast for Tuesday:

Weather: Sunny & Much Warmer.

High Temperature ...Midslopes/Ridges 72-77. Lower valleys (camp) 90-95.

Min RH (Midslopes/Ridgetops/Valleys)..... 10-15%.

20-FOOT WINDS:

Ridgetop..... Variable 6 mph or less.

UpSlope/UpValley..... 3-6 mph.

OUTLOOK for Wednesday Through Friday: *~ ~ ~ Heat Wave ~ ~ ~*

Hot and Dry. No rain. No clouds. Above normal temperature. Highs 92-97 valleys and in the 80s across the higher elevations. Minimum RH 10-15%. Lows 48 to 52 in the valleys and 55 to 60 ridge tops. Poor humidity recovery in the higher elevations. Fair recovery in the valleys.

Sunrise 6:46 PDT

Sunset 7:34 PDT

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 62	TYPE OF FIRE: Wildland Fire
FIRE NAME: Fork Complex	OPERATIONAL PERIOD: 9/07, 0700 to 1900
DATE ISSUED: 9/06/15	TIME ISSUED: 2000
UNIT: Shasta Trinity National Forest	SIGNED: /s/ John Wood FBAN

INPUTS

WEATHER SUMMARY: As the week unfolds expect abundant sunshine, steadily rising temperatures, low humidity and terrain driven winds. High pressure will also result in a subsidence inversion. This will lead to reduced ventilation and a thermal belt at night along the mid/upper slopes with poor overnight humidity recovery.

Expect maximum temperatures Ridges: 74-80, Valleys: 85-90 Minimum humidity, 14-19%. 20 foot winds: Ridges north 4-8 mph, Mid-Slope: upslope 2-5 mph, Valleys: up valley 3-7 with gusts to 10 during the afternoon and evening.

OUTPUTS

GENERAL: Areas with heat and available fuels will show some activity. As temperatures warm and relative humidity lowers expect aspect to show more influence over development of fire activity as south and west slopes will heat and dry faster than north and east slopes. The presence and amount of light fuels will raise the potential for fire activity, especially on south and west slopes. With shorter days fuels will need more time to reach burnable levels each day, though as we get back to warmer drier days this effect may not make a noticeable difference. Exposed fuels will have a faster drying time than sheltered fuels both because of exposure to wind and solar heating aiding the drying process. Fire spread will likely be limited to small areas that could support active fire spread and a change in slope, aspect and fuel moistures could substantially change spread potential. Needle cast from scorched or underburned trees will continue to fall adding some potential for fire spread and may be a concern in areas with viable heat sources.

Backing/Flanking rate of spread up to 2 ch/hr, flame lengths 1-3 feet.

Head fire:

Timber understory rate of spread 3-12 ch/hr, flame lengths 2-9 feet

Timber litter rate of spread up to 3 ch/hr, flame lengths around 2 feet

Shrub fuels rates of spread could reach 25ch/hr, flame lengths 5-7 feet.

SPECIFIC: Fine fuel moisture 6% 1000 hr 12% Probability of ignition 55-75% Spot distance about a 1/4 mile.

All Divisions: Within the perimeter of the South Complex fires the potential for fire activity is dependent on the presence of burnable fuel and a heat source. Be aware of these situations as you are out performing repair work and may be farther inside the fire than mop will or has been done. Consider the implications of your actions and give it a look considering fire potential.

Outside the fire perimeter fuels are rapidly approaching or have recovered to their pre-rain dryness levels. Fire activity in "green" fuels has potential for active spread. The most active spread would be in the afternoon during the heat of the day. Wind as always is a dynamic influence on fire behavior and can cause rapid increases in activity.

Fuels are dry enough to support intense burning and the heat generated by concentrations and jack pots will be sufficient to cause torching, like up on Division T, two days ago. Ladder fuels will also provide opportunity to develop torching. Spotting will become more of a concern especially as the weather warms and dries.

AIR OPERATIONS

Smoke should not impact air operations.

Safety Message

Watch footing while walking through the black. Look for stump holes and ash pits that may continue to hold heat or areas where roots, stumps or wood may have burned out leaving weakened ground with coals or hot ash. Maintain vigilance for overhead hazards.

ICS 205 INCIDENT RADIO COMMUNICATIONS PLAN

ICS 205 INCIDENT RADIO COMMUNICATIONS PLAN		Incident Name Fork Complex		Date & Time Prepared 9/6/15 1800		Operational Period Date/Time 9/7/15 0700 - 1900			
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/Trunked Radio System Talkgroup	Assignment	RX Freq N or W	RX Tone/NAC	TX Freq N or W	Tx Tone/NAC	Mode A, D or M	Remarks
1	Command	NIFC C-4	All Divisions	166.6125 N	162.2	168.4000 N	162.2	A	Plummer Peak
2	Command	NIFC C11	All Divisions	170.6875 N	162.2	166.5750 N	162.2	A	Hayfork Bally
3	Command	NIFC C32	All Divisions	164.7750 N	162.2	170.0500 N	162.2	A	Knob Peak
4	Command	NIFC C45	All Divisions	173.0625 N	162.2	162.6125 N	162.2	A	Div. L Near DP 223
5	Tactical	NIFC T1	Roads Grp	168.0500 N	162.2	168.0500 N	162.2	A	
6	Tactical	NIFC T5	DIV R	166.7250 N	162.2	166.7250 N	162.2	A	
7	Tactical	R5 TAC4	DIV M AND N	166.5500 N	162.2	166.5500 N	162.2	A	
8	Air to Ground	A/G	All Divisions	168.7375 N		168.7375 N		A	
9	SHF Hayfork Bally	SHF BALLY	I/A	171.5750 N		169.1000 N	136.5	A	
10	SHF Plummer Peak	SHF RPT	I/A	171.5750 N		169.1000 N	114.8	A	
11	Tactical	NIFC T2	I/A	168.2000 N		168.2000 N		A	
12	Tactical	NIFC T3	I/A	168.6000 N		168.6000 N		A	AG-43
13	A/G PRI	A/G 43	I/A	167.6000 N		167.6000 N		A	AG-08
14	A/G SEC	A/G 08	I/A	166.8750 N		166.8750 N		A	
15	Tactical	CALCORD	Medical	156.0750 N	156.7	156.0750 N	156.7	A	
16	Air Guard	AIR GUARD	Emergency	168.6250 N		168.6250 N	110.9	A	Urgent Aircraft Contact
17								A	
18								A	
19								A	
20	Air Guard	AIR GUARD	Emergency	168.6250 N		168.6250 N	110.9	A	Urgent Aircraft Contact

Approved By & Position Title
 COMML Phil Shafer/ COMML T Harold Reed Nor Cal Team 1
 Incident Location: Hayfork, CA
 County: Trinity State: CA Latitude 00° 0.00' N, Longitude 000° 0.0' W

Conventions for frequencies to show four digits to the right of the decimal point, followed by either an "N" or a "W", "N" being Narrow, "W" being Wide band. Mode refers to either "A" or "D" indicating analog or digital (e.g. Project 25) or "M" indicating mixed mode. All channels are shown as if programmed in a base station, mobile or portable radio. Repeater and base stations will be programmed with the Rx and Tx reversed. OST=Operator Selectable Tone

Base Camp Phone List

FORK COMPLEX
REVISED 9/4/2015

Name	Phone
Communications	530-628-5475 530-628-5816 530-628-5873
I.C.	949-812-8702
I.C. CELL	707-502-5051
PLANS	530-628-5728
Personnel Time	530-628-4189 530-628-4150 (Fax)
Cost	530-628-4248
Equipment / Time	530-628-4239
Logistics	949-812-8753 530-722-7235
Ground Support	916-591-8999
Ordering/Supply	530-628-4326 530-628-4293 530-628-4889 (Fax)
OPS	530-628-4270
SAFETY	530-628-4270
MEDICAL	530-628-5323
Demob/Check-in	530-628-5728 530-628-5492 (Fax)
SUPPLY	530-
FAC	530-628-1050 FOOD-L 530-628-1091
COMP CLAIMS/TRAINING	530-628-5323
SECURITY	218-349-0369

Any Updates Please Send to Communications

AIR OPERATIONS SUMMARY

Prepared By: Glenn Dietz

Prepared Date: Sept 6, 2015

Prepared Time: 1900

1. INCIDENT NAME: SOUTH COMPLEX (CA-SHF-2108) FORK COMPLEX (CA-SHF-2067)	2. OPS PERIOD DATE: Sept. 7, 2015	START TIME: 0700	END TIME: 2000	SUNRISE: 0645	SUNSET: 1937
3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.): **Be aware of terrain influenced winds & wires crossing the Trinity River watershed as well as powerlines through the center of the South fire, East-West. **Reference SHF Air Hazard Map as well as South & Fork Air Ops Maps available on ftp site. Track where water was taken from. All buckets/tanks must be cleaned after dipping out of the main stem Trinity River & before dropping on the South Complex.		4. READY ALERT AIRCRAFT MEDEVAC: H-553 ***CALCORD TONE 6*** INITIAL ATTACK: H-506		5. TFR #: NO TFR	

6. PERSONNEL	NAME	PHONE #	7. FREQUENCIES	AM	FM	8. FIXED-WING- Type/ Make-Model/ N#/ Base AIRTANKERS- Order through RICC as needed. LEAD PLANES- Order through RICC as needed. ATGS AIRCRAFT- Order through RICC as needed.
AOBD	Glenn Dietz	ICP: 530-628-4970 Cell: 530-227-0017	AIR/AIR RW-FF	125.325		
ASGS			AIR/ AIR RW-FF			
			AIR TO GROUND		168.7375	
HLCO			COMMAND		SEE COMM PLAN	
HEB2	Brian Bates	530-286-2249	DECK		163.1000	
HEB2(t)	Josh Wilson	530-286-2251	TOLC			
			MEDIVAC ON		156.0750	
			CALCORD		OTHER FW AIRCRAFT-	

9. HELICOPTERS (Use Additional Sheets as Necessary)

FAA #	T Y	MAKE/ MODEL	BASE	AVAIL	START	REMARKS	FAA N#	T Y	MAKE/ MODEL	BASE	AVAIL	START	REMARKS
H-553	3	Bell 407	Trinity HLB	0700	0800	Pax, Bucket, PSD, Recon							
H-506	2	Bell 205 A1	Trinity HLB	0700	0800	Pax, Bucket, Recon							

10. TASK/ MISSION/ ASSIGNMENT (Type/ function includes: Air Tactical, Retardant, Recon, Personnel Transport, Bucket Operations, SAR, etc.)				
TYPE/FUNCTION	NAME OF PERSONNEL OR CARGO (if applicable) or instructions for tactical aircraft	MISSION START	FLY FROM	FLY TO
Recon	As needed, order through AOBD.			
Water Dropping	As needed, order through AOBD.			
Intel Flight	Firewatch 509	1000	RDD	South - Fork

MEDICAL PLAN ICS 206	1. INCIDENT NAME FORK COMPLEX	2. DATE PREPARED September 6, 2015	3. TIME PREPARED 1800 Hrs	4. OPERATIONAL PERIOD September 7th
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MEDICAL AID STATIONS		LOCATION	PARAMEDICS	
			YES	NO
Fork Medical Unit / ICP		Fork Complex ICP / Base Camp, Hayfork Ca	X	

NAME	LOCATION	PHONE	PARAMEDICS	
			YES	NO
REACH (Air Ambulance/ALS)	Redding, Ca	(Redding ECC) 530-226-2400	X	
Mercy Air PHI (Air Ambulance/ALS)	Redding, Ca	(Redding ECC) 530-226-2400	X	
CHP (Hoist/NVG/ALS)	Redding, Ca	(Redding ECC) 530-226-2400	X	
U.S. Coast Guard (Hoist /NVG)	Eureka, Ca	707-839-6100		X

NAME	LOCATION and PHONE NUMBER	PARAMEDICS	
		YES	NO
Trinity County Ambulance	Hayfork, Ca 530-226-2400	X	

NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CTR	
		AIR	GRND		YES	NO	YES	NO
Trinity Hospital (Basic)	410 N. Taylor St. Weaverville N 40 44.34 x W 122 56.39	15 min	1 hr	530-623-5541 X 1	X			X
Shasta Regional Medical Center (Level 3 Trauma/Cardiac/Stroke)	1100 Butte St. Redding N 40 35.15 x W 122 23.25	35 min	2 hr	530-244-5353	X			X
Mercy Medical Center (Level 2 Trauma/Cardiac/Stroke)	2175 Rosaline Ave Redding N 40 34.18 x W 122 23.42	35 min	2 hr	530-225-7201	X			X
UC Davis Medical Center (Level 1 Trauma/Burn)	2315 Stockton Sacramento N 38 33.17 x W 121 27.05	1 hr	4.5 hrs	916-734-3790 ER 916-734-3636 Burn	X		X	

LINE MEDICAL EMERGENCY:

Crew Supervisor contact Division Supervisor/Operations with patient complaint, condition and location.

Designate a point of contact who shall remain with the patient for direct link information

Division Supervisor/Operations contacts Communication:

- Division Supervisor/Operations to use "injury or incident communication protocol" on next page
- Division Supervisor/Operations will run medical emergency on command channel
- Communications will contact the Medical Unit Leader on Command or Logistics frequency
- Medical Unit Leader will:
 1. Have communications dispatch ground/air transport resources
 2. Notify receiving hospital of injury status.
 3. Develop primary and contingency transport plan
 4. Notify Incident Commander, Safety, Logistics and Operations

CAMP MEDICAL EMERGENCY:

Day Time Emergency Contact Communications with patient complaint/condition on Command Channel or (530) 628-1035

Night Time Emergency Call 911 to start EMS. Then contact Forks Safety on Command or at 530-701-1437. Safety will start an in-camp response and notify the Medical unit in Hyampom.

Designate a point of contact who shall remain with the patient for direct link information

- Medical Unit Leader will:
 1. Start appropriate ground/air transport resources
 2. Notify receiving hospital of injury status
 3. Develop primary and contingency transport plan
- Medical Unit notifies:
 1. Safety
 2. Section chief
 3. Incident commander

206 ICS	9. PREPARED BY: (Medical Unit Leader) Travis Robinson MEDL (T) (530)559-1007	10. REVIEWED BY: (Safety Officer) Jim Mackensen SOF1 (530)701-1437
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Injury or Incident Communications Protocol

DECLARE: Medical Emergency or Non-emergency Medical transport

Best transport method: (circle) Ambulance Helicopter Vehicle

Location: (Div. & Lat / Long) _____

GPS Format: **WGS84 Degrees, Decimal, Minutes**

Situation _____

Any special equipment required _____

Number of injured _____ Type of injuries _____

Closest pick up point (DP, Helispot) _____

Level of consciousness _____ Resp. _____ Pulse _____ BP _____ Weight _____
 (alert & oriented x 1-4)

Injury _____ Agency (No Names) _____

Medical History/Allergies _____

Air Transportation Triage

	Ground or Air Ambulance to Hosp.	Transport to Med Unit
Mechanism	Hit by a falling tree or large branch Fall of 10' or more Insect bite with shortness of breath Signs of heat stroke (hot, dry, disoriented) Burn Injury greater than 1% body area	Minor dehydration Cut or laceration with bleeding controlled Minor bites and Stings Minor burns
Area Injured	Significant Blunt or Penetrating Trauma to Head, Neck, Chest, Abdomen or pelvis Any Arm or Leg fracture above the Joint	Minor blunt trauma Minor penetrating trauma Extremity sprains and strains Simple fracture below elbow or knee
Symptoms	Disoriented Chest Pain <u>or</u> Shortness of Breath Weak or absent radial pulse Pale, cold and sweating	Alert and oriented No shortness of breath Good pulses

If air or ground ambulance is DELAYED:

Package and transport patient to rendezvous with ambulance. Re-route EMS helicopter to rendezvous point as appropriate.

If Declaring an "Incident within the Incident"

The closest DIVS will respond to manage the incident. They are responsible for giving an accurate size up, ensuring scene safety, setting priorities and initiating an appropriate response.
 The closest Safety Officer and Line EMS will respond to the scene to assist the Branch Director or DIVS. Secure site and begin initial investigation when situation is stabilized.

INCIDENT SAFETY ANALYSIS 215a

Fork Complex CA-SHF-002067 - Sunday, September 06, 2015

8. Location	9. Hazard	6. Control or Abatement Action (Engineering, Administrative, PPE, Avoidance, Education, etc.)
	Steep Terrain & Rolling Debris	<ul style="list-style-type: none"> ~ Maintain 8'-10' spacing when working & walking. ~ Don't work above any personnel. ~ Be on the lookout for rolling rocks, debris, or burning material. ~ Evaluate necessity to send personnel in areas with limited access. ~ Post lookouts (IRPG pg 6).
	Driving & Traffic	<ul style="list-style-type: none"> ~ Practice "Defensive Driving" techniques traveling on all roads and city streets. ~ Use spotters when backing. ~ Honk horn to alert personnel when backing. ~ Keep clutter off dash and inside cab. ~ Follow Driving LCES (Lights, Chock blocks, Emergency brake, Seat belts. ~ Always use headlights. ~ Yield to pedestrians and bicycles. ~ Observe posted speed limits. ~ Use the 3 second rule for following distance when driving. ~ Use chock blocks, turn wheels into hill. ~ Avoid distractions (eating, cell phones, radio). ~ Ensure that windshields are kept clean of dust and bugs.
	Hazard Trees	<ul style="list-style-type: none"> ~ Follow "Hazard Tree Safety" guidelines, IRPG page 22. ~ 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.
	Poisonous Plants	<ul style="list-style-type: none"> ~ Identify and Avoid hazard areas. ~ Launder clothing. ~ Shower frequently.
	Heavy Equipment Operations	<ul style="list-style-type: none"> ~ Ensure communications are established with operators. ~ Use hand signals if other communications are unavailable. ~ Maintain a 50'-100' exclusion area around equipment and increase it to 1 1/2 times tree height when in timber. ~ Use a spotter when backing. ~ Avoid working below heavy equipment.
	Mop-up & Rehab	<ul style="list-style-type: none"> ~ Do not work above or below personnel during rehab/mop-up operations. ~ Alert crew personnel of rolling debris by yelling to affected individuals. ~ Position debris that could roll vertically on slope. ~ Wear eye protection.
	Injury & Medical Emergency	<ul style="list-style-type: none"> ~ Assist injured employee appropriate medical care. ~ Use EMT's on Division for initial care. ~ Follow medical protocol as outlined in ICS-206 & IRPG Pgs 99-108
	Heat Related Illness (HRI) & Dehydration	<ul style="list-style-type: none"> ~ Drink Fluids throughout operational period (6-8 qts/shift). ~ Maintain water/electrolyte ratio of 3 to 1. ~ Carry extra water on line and cache water at drop points. ~ Take Frequent breaks, minimum of 10 minutes every hour. ~ Allow out of area resources time to acclimatize before expecting peak performance. ~ Recognize symptoms of HEAT RELATED ILLNESS which include. <ul style="list-style-type: none"> o Lack of energy o Headaches, dizziness o Lack of rest o No hunger, poor eating habits o Hot skin, and lack of sweating
	Personal Hygiene	<ul style="list-style-type: none"> ~ Don't share personal items such as water bottles communication devices and utensils ~ Wash hands before meals, and after use of rest room facilities.

FORK COMPLEX SAFETY MESSAGE

“It’s NOT about Rules, It’s about ATTITUDE”

INCIDENT: Fork Complex

DATE: Sept. 7, 2015 TIME: 0700-1900

GENERAL SAFETY CONCERNS

- ❖ **Driving- Narrow roads:** Slow down, watch for wildlife and civilians.
- ❖ **Fire Behavior-** As the weather is warming up, more hot spots will start showing themselves
- ❖ **Danger Trees-** Most trees are dangerous, old, large, dead, leaning, large green, diseased.
- ❖ **Dehydration-** Stay healthy, stay hydrated.
- ❖ **Footing-** Lots of steep and unstable terrain.

Fire Order of the Day – Remain in Communication With Crew Members

- **DRIVING-** Predictable is preventable. Speeding=Accident. Slow down and keep an eye out for wildlife and civilians.
- **RISK MANAGEMENT-** Maintain LCES, SA. Monitor conditions closely. Briefings are critical. Increase briefings of out of area resources. Is it safe to engage? Anticipate the effects of drought, steep terrain, winds, and fuels.
- **DANGER TREES-** Use the IRPG, page 22. Perform assessments, minimize exposure, is the work necessary. The risks increase during periods of winds.
- **DEHYDRATION -** It can take its toll. So drink lots of **WATER**. Strive to drink 2 quarts per hour during heavy exertion. Avoid energy drinks, dilute sports drinks. Monitor others if they stumble. Being thirsty is being dehydrated! Anticipate your needs, and order more water early during the shift.
- **FOOTING-** Lots of steep and unstable terrain. Please take extra time and care out there.

Watch Out Situation of the Day



7. NO COMMUNICATION LINK WITH CREW MEMBERS/SUPERVISOR

COMMUNICATIONS CAN BE DIFFICULT

Make sure you are in communication with someone no matter where you are on the incident

Use “Human Repeaters”

If you can’t get out on Tac, try Command

Consider using SHF Command if nothing else is working for you

If you are changing locations check your communications often

IF WE CAN’T HEAR YOU, WE CAN’T HELP YOU

**Safety Officer
Jim Mackensen, SOF2**

Appendix A

Effective Waterbars

When locating and building water bars, place them the right **distance** apart, at a **diagonal** to the fireline, so that they **divert**, then **discharge**, then **dissipate** the energy of the flowing water. Be sure to make them deep enough so they'll be durable, and that soil does **not** block the water bar outlet.

Recommended spacing for waterbars on firelines.

Fireline slope %	Maximum Distance Apart (feet)
1-5	200
6-20	125
21-40	60
41-60	40
>60	25

Waterbars should be at least 2 pulaski (4-6 inches) widths wide and 12-24 inches high for handlines.

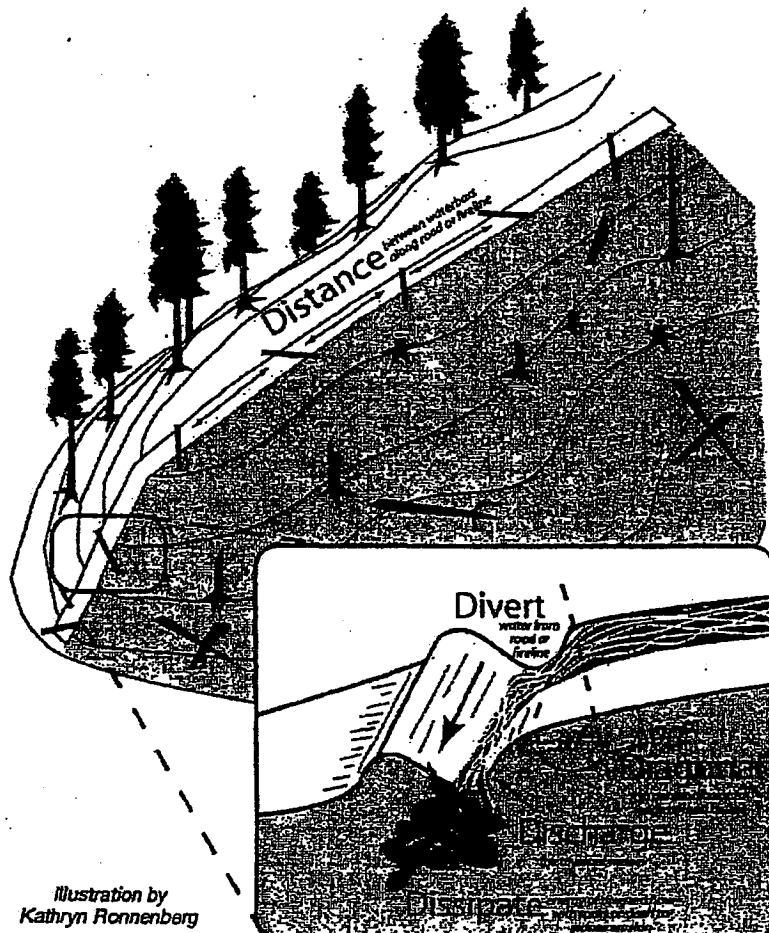


Illustration by
Kathryn Ronnenberg

Fork Complex Fire

Work Assignments - Repair

Monday
September 7, 2015

DIVISION M/N:

Repair SHD 46 with excavators, masticator, skid excess material away from line. Avoid Arch sites around SHD 46 (flagged)

- Gary Cones READ; Gary Diridoni READ

Begin repair in SHD 47 & 48 area.

- Josh Smith READ, Lisa Grudzinski READ

Remove berm on 30N20 rd; Phase 1 repair of dozer lines in that area. Repair ridgetop "Safety Zone" with Dozer 55, 2 excavators and skidder when available. Utilize Spyder when available for steep repair segments.

Repair Deerlick Springs campground dozerline with Spyder.

- Josh Smith

ROADS: Repair 30N02 rd on SW side of Shiell, maintain 30N01 rd with water tenders.

- Chad Lawson, Roads Group

DIVISION R:

Div O: Chipping on Peak Fire on 31N29 and 31N31; Firestorm (half module) will assist with chipping.

- Jack Turner (SHF Hayfork)

Barker Fire: Repair 02, 02A, 06, 25, 25A and 84 roads.

- Dave Brown (SHF Hayfork)

