

Incident Action Plan

Forks Complex

CA-KNF-5949

P5HS91



Day Shift

September 5, 2013

0600 to 1800

INCIDENT OBJECTIVES	1. Incident Name Forks Complex	2. Date 9/4/2013	3. Time 20:52
----------------------------	--	----------------------------	-------------------------

4. Operational Period

9/05/2013 0600 - 1800

5. General Control Objectives for the Incident (include alternatives)

MANAGEMENT OBJECTIVES

- Ensure all suppression actions are prioritized for firefighter and public safety.
- Ensure fire suppression operations minimize negative fire effects.
- Utilize Resource Advisors and Heritage Consultants to assess impacts to sensitive historic, cultural, wildlife, and plant resources.
- Manage the fire in a cost effective manner commensurate with values at risk.
- Keep cooperators, communities, and concerned citizens informed.
- Continue transition process to a Type 3 organization.

OPERATIONAL OBJECTIVES

- Utilize tactics which provide for the protection of private property and infrastructure.
- Utilize minimum impact suppression tactics (MIST) within wilderness areas and in other land use designations as appropriate.
- Keep the Butler fire within constructed fire lines.
- Keep the Salmon fire within existing containment lines.
- Implement fire suppression repair in accordance with developed plans.

6. Weather Forecast for Period

See attached forecast

7. Safety Message

See attached Safety Message

8. Attachments (mark if attached)

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> Organization List - ICS 203 | <input checked="" type="checkbox"/> Medical Plan - ICS 206 | <input checked="" type="checkbox"/> Weather |
| <input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204 | <input checked="" type="checkbox"/> Incident Map | <input checked="" type="checkbox"/> Safety Message |
| <input checked="" type="checkbox"/> Communications Plan - ICS 205 | <input type="checkbox"/> Traffic Plan | <input checked="" type="checkbox"/> LCES Worksheet |

9. Prepared by (Planning Section Chief)

[Signature] PSC (+)

10. Approved by (Incident Commander)

[Signature]

ORGANIZATION ASSIGNMENT LIST				9. Operations Section		
1. Incident Name Forks Complex		Day Ops Chief		Rick Young / Eric Petterson (t)		
		Night Ops Chief				
2. Date 9/4/2013		3. Time 20:47		Planning Ops		Dan George / Scott Lucas (t)
4. Operational Period 09/05/2013 0600 - 1800				a. Division/Groups		
				Division/Group	A,E,F,W	Unstaffed
Position		Name		Division/Group	D	Casey Boespflug
5. Incident Commander and Command Staff				Division/Group	G / H / K	Heather McRae
Incident Commander		Matt Johnson		Division/Group	R / T / Z	Steve Raymer
Deputy IC		Joe Molhoek		Division/Group	Road	John Fell
Liaison		Tim Fike		Division/Group		
Safety Officer		T. O'Connell / S. Charley		b. Division/Groups		
Information Officer		Adrienne Freeman		Division Group		
				Division Group		
6. Agency Representative				Division/Group		
Agency		Name		Division/Group		
Agency Admin		Patty Grantham		Division/Group		
Agency Admin Rep		Nolan Colegrove (SRF) Dave Hayes (KNF)		Division/Group		
				c. Division/Groups		
Siskiyou County Sheriff		Jim Bretts		Division/Group		
Siskiyou County OES		Ron Quigley		Division/Group		
Forks Community Liaison		Jim Bennett		Division/Group		
Hoopa Tribal Chair		Danielle Vigil-Masten		Division/Group		
Karuk Tribal Rep		Bill Tripp		Division/Group		
CCC Rep		Susan Jones		Division/Group		
California OES		Pat O'Bannon		Division/Group		
Heritage Consultant Coord.		Harold Tripp		Division/Group		
Lead Resource Advisor		Roberto Beltran		d. Air Operations Branch		
7. Planning Section				Air Operations Branch Director		Dennis Kuster
Chief		Patrick Farrell / John Owen (t)		Air Support Group Supervisor		Staci Dickson
Deputy				Air Tactical Group Supervisor		
Resources Unit		Jeff Buscher (t) / Duane Miller (t)		Air Tactical Group Supervisor		
Situation Unit		Charlotte Jordan / Matt Brown(t)		HeliBase Manager		Bill Lambert
Documentation Unit		Rex Crabtree				
Demobilization Unit		Karen Davis				
Fire Behavior Unit		Ken Larson / Brian Ebert (t)		10. Finance Section		
Incident Meteorologist		John Pendergrast		Chief		Rich Anderson
Technical Specialist		John Miller / Blake Miller (t)		Personnel Time Unit		Penny Portlock
Training Specialist		Brad Smith		Equipment Time Unit		Juanita Cortez
GISS		Melanie Kerr / Kevin Roehrs		Cost Unit		Sam Rapphahn (t)
Status Check-In		Mike Velasquez		Compensation / Claim Unit		Tina Kennedy
8. Logistics Section				Procurement Unit Leader		
Chief		Jack Costello		IBA		Lola Capp / Kathy Griffin
Deputy		Mike Heckendorn				
Supply Unit		Tracey Valentine				
Facilities Unit		Ric Crowther / Robin Davis (t) / Bill Patten		Prepared By: Duane Miller -- RESL (t)		
Ground Support Unit		John Fell / Merle Drucker (t)				
Communications Unit		Jim Lewis / Don Stoner				
Medical Unit		Jennifer Kraushaar / Patrick Young (t)				
Food Unit		Kevin Browning				



Forks Complex Incident Weather Forecast



FORECAST NO: 34
 PREDICTION FOR: Thursday Day Shift
 SHIFT DATE: September 5th, 2013
 FORECAST ISSUED: 2000 September 4th, 2013

NAME OF FIRE: Forks Complex
 UNIT: Klamath National Forest
 Incident Meteorologist: *John Pendergrast*
 240-499-6649

WEATHER DISCUSSION: A slow moving upper low along the Oregon coast will come ashore later today. Expect mostly cloudy skies with light rain possible and an isolated storm into the afternoon. A wind shift to north component is expected tonight into Friday with high pressure building over the region and a return to warm and dry weather during this weekend.

WEATHER FORECAST FOR TODAY (THURSDAY DAY SHIFT):

WEATHER: Mostly cloudy with scattered light rain and isolated thunder. Remaining Cool.
 WIND (EYE-LEVEL): **Valleys:** West 5 to 10 mph increasing to 10 to 15 mph in afternoon.
Upper slopes/Ridges: Southwest to West 10 to 15 mph becoming Northwest late with afternoon gusts to 20 mph.
 MAX TEMPERATURES: 69 to 77F drainages, 56 to 64 ridges.
 MIN RH: 46 to 56% drainages, 66 to 76% ridges.
 LAL: 2 CWR: 10%

FORECAST TONIGHT (THURSDAY NIGHT):

WEATHER: Partly cloudy. Limited inversion setting up. Cool.
 MIN TEMPERATURES: 46 to 56F.
 MAX RH: 85 to 95% drainages and 70 to 80% upper elevations.
 LAL: 1 CWR: 0%
 WIND (EYE-LEVEL): **Valleys:** West to Northwest 10 mph in the evening...becoming drainage 3 to 5 mph.
Upper slopes/Ridges: West to Northwest 10 to 15 mph in the evening...becoming North 10.

WEATHER FORECAST FOR FRIDAY:

WEATHER: Becoming mostly sunny. Warmer.
 WIND (EYE-LEVEL): **Valleys:** Variable less than 3 mph...becoming up valley 6 to 12 mph in afternoon.
Upper slopes/Ridges: Northeast 5 to 10 mph increasing to 10 to 15 mph in afternoon.
 MAX TEMPERATURES: 80 to 87F drainages, 66 to 74 ridges.
 MIN RH: 30 to 38% drainages, 48 to 58% ridges.
 LAL: 1 CWR: 0%

EXTENDED OUTLOOK SATURDAY THROUGH MONDAY: High pressure to build over the region and a return to warm and dry weather this weekend with thermal belt development overnight and slope/valley winds each afternoon.

WEATHER: SAT-SUN: Mostly Sunny and warmer. Highs 82 to 92. MON: Highs 85 to 94.
 WIND (EYE-LEVEL): **Valleys:** Light drainage wind early becoming upslope/valley around 10 mph with some gusts 15 mph mid-afternoon.
Upper slopes/Ridges: SAT-SUN: Northeast to East 10 mph with higher gusts in afternoons.
 MIN RH: **Valleys:** 14 to 22%.
Upper slopes/Ridges: 35 to 45%.
 MAX overnight RH: 90-100% drainages, 45 – 55% ridges...max RH Trend lower at elevation.
 LAL: 1 CWR: 0%

Sunrise Thursday 0648 Sunset Thursday 1942
 Sunrise Friday 0649 Sunset Friday 1940
 Moon Phase: New (1% visible)

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 58	TYPE OF FIRE: Wildland Fire
FIRE NAMES: Forks Complex	OPERATIONAL PERIOD: 0600 – 1800, Sept. 5, 2013
DATE ISSUED: September 4, 2013	TIME ISSUED: 2000
UNIT: Klamath NF	SIGNED: /s/ Brian Ebert, FBAN(t)

INPUTS

WEATHER SUMMARY: *See attached Incident Meteorological Forecast*

Discussion: A slow moving upper low along the Oregon coast will come ashore later today. Expect mostly cloudy skies with light rain possible and an isolated storm into the afternoon. A wind shift to north component is expected tonight into Friday with high pressure building over the region and a return to warm and dry weather during this weekend.

Weather: Mostly cloudy with scattered light rain and isolated thunder possible.

Max Temp: 69-77° drainages, 56-64° ridges

Min RH: 46-56% drainages, 66-76% ridges

Winds (eye-level): **Valleys:** W 5 to 10 mph increasing to 10 to 15 mph in the afternoon.

Ridges: SW to W 10 to 15 mph becoming NW late in the afternoon with gusts to 20 mph.

CWR: 10%

LAL: 2

FIRE BEHAVIOR

GENERAL

Increased humidity, cooler temperatures and cloud cover will continue to keep dead fuels moistened across the fire area resulting in minimal smoldering activity today. A shift in the winds along the ridges is expected today; however, with forecasted weather, winds are expected to have little effect on current fire behavior. Weather continues to keep ERCs below average for this time of year.

Probability of Ignition: 30%

Predicted ERC: 46 (50th percentile)

Butler Fire: Smoldering activity will persist where sources of heat remain. The forecasted change in wind direction today is expected to have little effect within the sheltering of fuels from the North/South ridgeline within Division F/G/H/K. Divisions B/C may notice an increase in windspeed as winds shift to a NW flow on the ridges.

Salmon Fire: Minimal fire activity is expected near containment lines; smoldering fire activity can be expected to continue within interior portions of the fire area. Predicted wind change is anticipated to have minimal effects over the fire area.

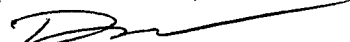

AIR OPERATIONS

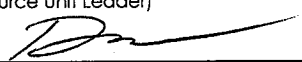
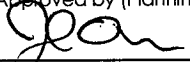
09/02 Sunrise – 06:48


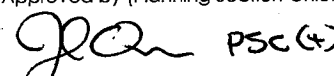
09/02 Sunset – 19:42

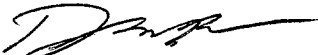
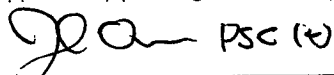
SAFETY

- Today's weather forecasts a wind shift from SW to NW late in the afternoon.
- Any Thunderstorms that develop near the fire area may produce gusty winds and strong down drafts; while fire activity continues to smolder, increased windspeeds have the potential to enhance fire activity.
- When working interior areas of the fire watch for hazards such as fire-weakened trees, stump holes, rolling materials on steep slopes, etc.

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group B/C – Butler			
3. Incident Name Forks Complex			4. Operational Period DAY OPERATIONS Date: 09/05/2013 Time: 0600-1800					
5. Operations Personnel								
Operations Chief		Rick Young / Eric Petterson (†)		Division/Group Supervisor		Greg Jewers / Heather Munn (†)		
Branch Director				Air Operations Branch Director		Dennis Kuster		
6. Resources Assigned this Period								
Strike Team/Task Force/ Resource Designator		Leader		Last Shift	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
HC2IA Iron Mt. (C-26)		Rob Allen		9/13	23	N	DP-30 / 0700	1800
ENG6 Mt. Adams (E-339)		Paula Holter		9/7	3	N	DP-30 / 0700	1800
ENG6 Grayback #19 (E-365)		Telly Martinez		9/7	3	N	DP-30 / 0700	1800
ENG6 Inbound #4 (E-366)		Adham Rowley		9/7	3	N	DP-30 / 0700	1800
ENG6 Eagle Cap (E-217)		Jeff Perry		9/9	3	N	DP-30 / 0700	1800
CHIP Diamond Fire (E-33)		Greg Becker / Tristan Fulford		9/17	2	N	DP-30 / 0700	1800
WT2 Glakeler (E-98)		Ryan Grable		9/17	1	N	DP-30 / 0700	1800
WT2 Lee Traynham (E-96)		Jason Peters		9/8	1	N	DP-30 / 0700	1800
TFLD (O-75)		Matthew Lamb		9/10	1	N	DP2 / 0700	1800
HECM (O-250/251)		Nicholas Linfoot / Chris Ware		9/15	1	N	DP-30 / 0700	1800
SOF2 (O-132.5)		Shelby Charley		9/12	1	N	DP-30 / 0700	1800
FEMP (O-216)		Joel Vervelde		9/14	1	N	DP-30 / 0700	1800
FEMP (O-215)		Carlos Marin		9/14	1	N	DP-30 / 0700	1800
Heritage Consultant (O-255)		Phil Tripp		9/7	1	N	DP-30 / 0700	1800
READ (O-246)		Joe Svinarich		9/15	1	N	DP-30 / 0700	1800
7. Control Operations								
<ul style="list-style-type: none"> Patrol Salmon River Rd. Monitor fire activity in Nordheimer drainage. Mop up to an optimal goal of 300' where accomplishment does not jeopardize personnel safety. Continue suppression repair as directed. 								
8. Special Instructions								
<ul style="list-style-type: none"> Coordinate with READs and DIVS to implement division specific suppression repair plan. Red & white stripe and orange and white stripe flagging denote area of resource concern. Directions of resource concern will be written on the flagging. Backhaul all hose, pumps, other excess equipment and trash. Identify location of pumps being left out on Division. 								
9. Division/Group Communication Summary								
Function	Frequency	System	Channel	Function	Frequency	System	Channel	
Command	RX 168.0750 TX 170.4250	CMD 1	1 Tone 3	Alternate Command	RX 162.1875 TX 172.5500	CMD 5	5 Tone 3	
Tactical Division/Group	RX 168.0500 TX 168.0500	TAC 2	7	Air to Ground	RX 171.5375 TX 171.5375	A/G CMD	13	
Prepared by (Resource Unit Leader) D. Miller 				Approved by (Planning Section Chief)  PSC Lt		Date 9/4/2013		Time 20:15

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group D - Butler		
3. Incident Name Forks Complex			4. Operational Period Date: 09/05/2013		DAY OPERATIONS Time: 0600-1800		
5. Operations Personnel							
Operations Chief		Rick Young / Eric Petterson (t)		Division/Group Supervisor		Casey Boespflug	
Branch Director				Air Operations Branch Director		Dennis Kuster	
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Last Shift	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time	
HC2IA Firestorm #6 (C-18)	Jimmy Ramirez	9/12	20	N	DP-30 / 0700	1800	
HC2 North Pacific (C-69)	William Hughes	9/7	20	N	DP-32 / 0700	1800	
DOZ2 w/LOWB Tickner (E-88)	Gary Tickner	9/16	2	N	DP-32 / 0700	1800	
EXCA North River (E-225)	Andy / Bryon McBroom	9/7	1	N	DP-32 / 0700	1800	
EXCA Peters (E-85)	Doug Franklin	9/16	1	N	DP-32 / 0700	1800	
CHIP Firestorm (E-223)	John Chase / Evan King	9/7	2	N	DP-32 / 0700	1800	
CHIP Moody (E-87)	Dustin Brown	9/17	2	N	DP-32 / 0700	1800	
HEQB (O-178)	Melanie Fullman	9/7	1	N	DP-32 / 0700	1800	
SOFR (O-226)	Larry Welsh	9/14	1	N	DP-32 / 0700	1800	
FEMP (O-211)	TJ Quadros	9/14	1	N	DP-32 / 0700	1800	
FEMP (O-210)	Jordan Russell	9/14	1	N	DP-32 / 0700	1800	
READ (O-121)	Roberto Beltran	9/12	1	N	DP-32 / 0700	1800	
READ (O-252)	John Johnson	9/16	1	N	DP-32 / 0700	1800	
7. Control Operations							
<ul style="list-style-type: none"> Continue repair operations 							
8. Special Instructions							
<ul style="list-style-type: none"> Coordinate with READs and DIVS to implement division specific suppression repair plan. Red & white stripe and orange and white stripe flagging denote area of resource concern. Directions of resource concern will be written on the flagging. Backhaul all hose, pumps, other excess equipment and trash. Identify location of pumps being left out on Division. 							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 168.0750 TX 170.4250	CMD 1	1 Tone 3	Alternate Command	RX 162.1875 TX 172.5500	CMD 5	5 Tone 3
Tactical Division/Group	RX 166.5500 TX 166.5500	TAC 5	10 Tone 3	Air to Ground	RX 171.5375 TX 171.5375	A/G CMD	13
Prepared by (Resource Unit Leader) Duane Miller 			Approved by (Planning Section Chief)  PSC (r)			Date 9/4/2013	Time 20:31

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group G/H/K - Butler		
3. Incident Name Forks Complex			4. Operational Period Date: 09/05/2013		DAY OPERATIONS Time: 0600-1800		
5. Operations Personnel							
Operations Chief		Rick Young / Eric Petterson (t)		Division/Group Supervisor		Heather McRae	
Branch Director				Air Operations Branch Director		Dennis Kuster	
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator		Leader		Last Shift	Number Persons	Trans. Needed	Pick Up PT./Time
WFM Saguaro (O-219)		Jason Thivener		9/14	9	N	1800
WFM Mt Hebron (O-245)		Erik Blankenship		9/13	10	N	1800
SOF2 (O-227)		Charles Frank		9/12	1	N	1800
FEMP (O-196)		Jody Hughes		9/12	1	N	1800
FEMP (O-195)		Dave Bianco		9/12	1	N	1800
REM Team (O-200)		Bryan Hagan		9/12	2	N	1800
7. Control Operations							
<ul style="list-style-type: none"> Monitor fire activity east of Orleans Mt and in Butler and Granite Creek drainages. Mop up to an optimal goal of 300' where accomplishment does not jeopardize personnel safety. 							
8. Special Instructions							
<ul style="list-style-type: none"> Red & white stripe and orange & white stripe flagging denote area of resource concern. Directions of resource concern will be written on the flagging. Coordinate with READs and DIVS to implement division specific suppression repair plan. Leave 2 pumpkins at DP50 and 1 pumpkin at H6. Leave hose lay and pumps from G/H break north for 1 mile. Back-haul all other excess equipment and trash. Identify location of pumps being left out on Division. 							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 168.0750 TX 170.4250	CMD 1	1 Tone 3	Alternate Command	RX 162.1875 TX 172.5500	CMD 5	5 Tone 3
Tactical Division/Group	RX 166.7250 TX 166.7250	TAC 1	6 Tone 3	Air to Ground	RX 171.5375 TX 171.5375	A/G CMD	13
Prepared by (Resource Unit Leader)			Approved by (Planning Section Chief)			Date	Time
D. Miller 			 PSC (4)			9/4/2013	21:00

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group Road Group		
3. Incident Name Forks Complex			4. Operational Period DAY OPERATIONS Date: 09/05/2013 Time: 0600-1800				
5. Operations Personnel							
Operations Chief		Rick Young / Eric Petterson (†)		Division/Group Supervisor		John Fell	
Branch Director				Air Operations Branch Director		Dennis Kuster	
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Last Shift	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time	
BUTLER							
GRD1 w/LOWB Darrah #779 (E-17)	Keith Darrah Sr.	9/15	1	N	DP2 / 0700	1800	
WT2 Lee Traynham (E-101)	Chris Petetit	9/15	1	N	DP2 / 0700	1800	
WT2 Ken's (E-79)	Joe Terry	9/14	1	N	DP2 / 0700	1800	
WT2 Darrah (E-7)	Wayne Verag	9/15	1	N	DP2 / 0700	1800	
WT2 Cattlelack (E-77)	James Goldie	9/17	1	N	DP2 / 0700	1800	
PUMP E-CAM (E-268)	Stan Drawyer	9/10	1	N	DP2 / 0700	1800	
EQPM (O-52)	Cheryl Bales	9/5	1	N	DP2 / 0700	1800	
SALMON							
GRADER w/LOWB Johnson (E-58)	Jack Hottendorf	9/14	2	N	DP2 / 0700	1800	
WT2 White Logging (E-12)	Tom White	9/17	1	N	DP2 / 0700	1800	
WT2 Johnson (E-13)	Matt Johnson	9/11	1	N	DP2 / 0700	1800	
EQPM (O-168)	Jason Beaubouef	9/8	1	N	DP2 / 0700	1800	
EQPM (O-149)	Keith Beatty	9/6	1	N	DP2 / 0700	1800	
7. Control Operations							
<ul style="list-style-type: none"> Maintain roads within Fire Perimeter 							
8. Special Instructions							
<ul style="list-style-type: none"> Overhead fill pump available behind Forks ICP at Salmon River. All relief drivers must check-in 							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 168.0750 TX 170.4250	CMD 1	1 Tone 3	Alternate Command	RX 162.1875 TX 172.5500	CMD 5	5 Tone 3
Tactical Division/Group	Use Tac Channel assigned to Division			Air to Ground	RX 171.5375 TX 171.5375	A/G CMD	13
Prepared by (Resource Unit Leader)			Approved by (Planning Section Chief)			Date	Time
D. Miller 			J. PSC (W) 			9/4/2013	20:59

INCIDENT RADIO COMMUNICATIONS PLAN			Incident Name			Date/Time Prepared			Operational Period Date/Time		
FORKS COMPLEX			09/04/13 1545 HRS.			09/05/13 0600-1800					
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	COMMAND	CMD 1	ORLEANS LO	168.0750 N		170.4250 N	Tone 3 131.8	A	MAIN BODY OF FIRE		
2	COMMAND	CMD 2	96 / 93 TRAVEL	170.4125 N		165.9625 N	Tone 3 131.8	A	TRAVEL ON 96 AND 93		
3	COMMAND	CMD 3	OUT OF SERVICE					A	OUT OF SERVICE		
4	COMMAND	CMD 4	ETNA / HELIBASE	164.7750 N		170.4625 N	Tone 3 131.8	A	ETNA SUMMIT		
5	COMMAND	CMD 5	ICP / Alt CMD	162.1875 N		172.5500 N	Tone 3 131.8	A	BLUE RIDGE		
6	TACTICAL	TAC 1	DIV G / H / K	166.7250 N		166.7250 N	Tone 3 131.8	A	NIFC TAC 5		
7	TACTICAL	TAC 2	DIV B / C	168.0500 N		168.0500 N		A	NIFC TAC 1		
8	TACTICAL	TAC 3	UNASSIGNED	168.2000 N		168.2000 N		A	NIFC TAC 2		
9	TACTICAL	TAC 4	UNASSIGNED	168.6000 N		168.6000 N		A	NIFC TAC 3		
10	TACTICAL	TAC 5	DIV D	166.5500 N		166.5500 N	Tone 3 131.8	A	R5 TAC 4		
11	TACTICAL	TAC 6	DIV R / T / Z	167.1125 N		167.1125 N	Tone 3 131.8	A	R5 TAC 5		
12			INACTIVE					A	INACTIVE		
13	AIR TO GROUND	A / G CMD	Air to Ground	171.5375 N		171.5375 N		A	AIR TO GROUND COMMAND		
14			INACTIVE					A	INACTIVE		
15	MEDIVAC	CALCORD	MEDICAL TACTICAL	156.0750 N		156.0750 N	Tone 6 156.7	A	MEDIVAC AIR COORDINATION		
16	URGENT AIR CONTACT	AIRGUARD	ALL DIVISIONS	168.6250 N		168.6250 N	Tone 1 110.9	A	USE ONLY FOR URGENT AIRCRAFT CONTACT		
Prepared by			Incident Location								
DON STONER COML NORCAL II			ROADS: Use tactical channel in assigned division								
			FORKS OF THE SALMON LAT: N 41 15.512 LONG W 123 19.668 ELEV, 1249 ft								

INCIDENT RADIO COMMUNICATIONS PLAN		Incident Name		Date/Time Prepared			Operational Period Date/Time		
FORKS COMPLEX IA Group		FORKS COMPLEX IA Group		09/04/13 1457 HRS.			DAY 09/05/13 0600-1800		
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
ALL TONES IN THIS GROUP ARE USER SELECTED									
1	KNF DISPATCH	KNF	FOREST OPS	164.1750N		164.9750N	CG	A	ROUTINE TRAFFIC, T5 ORLEANS PK
2	KNF IA DISPATCH	KNF SAM	I / A RESOURCES	171.50000N		172.4000N	CG	A	TONES 5,6
3	KNF DISPATCH	KNF RIVER	FOREST OPS	172.2500 N		171.550 N	CG	A	TONES 2, 7 OR 10
4	SRF DISPATCH	SRF	FOREST OPS	168.7250N		170.1250N	CG	A	TONES 5,6,7 AND 13
5	HOOPA FIRE RPT	HIA	AS NEEDED	155.3850N		150.8050N	CG	A	tone 6
6	SISKIYOU DISPATCH	SKU-L 1	SKU OPS	151.3250 N		159.3600 N	CG	A	tone 6
7	HUMBOLT	HUU OPS	OPERATIONS	151.2500 N		159.4050 N	CG	A	tone 11&13
8	NIFC TAC 1	NIFC TC1	I / A TAC	168.0500 N		168.0500 N		A	
9	NIFC TAC 2	NIFC TC2	I / A TAC	168.2000 N		168.2000 N		A	
10	NIFC TAC 3	NIFC TC3	I / A TAC	168.6000 N		168.6000 N		A	
11	FS AIR / GND PRI	FS A/G PRI	ALL DIVISIONS	167.6000 N		167.6000 N		A	
12	FS AIR / GND SEC	FS A/G SEC	ALL DIVISIONS	166.8750 N		166.8750 N		A	
13	UNASSIGNED								UNASSIGNED
14	AIR TO GROUND	CDF A / G	AS NEEDED	151.2200 N		151.2200 N		A	
15	MEDICAL	CALCORD	MEDICAL TACTICAL	156.0750 N		156.0750 N	T6 156.7	A	
16	URGENT AIR CONTACT	AIRGUARD	ALL DIVISIONS	168.6250 N		168.6250 N	T1 110.9	A	USE ONLY FOR URGENT AIRCRAFT CONTACT
Prepared by									Incident Location
									MODE: A - ANOLOG, D - DIGITAL
DON STONER COML NORCAL 2									FORKS OF THE SALMON LAT: N 41 15.512 LONG W 123 19.668 ELEV, 1249 ft

MEDICAL PLAN	1. INCIDENT NAME: FORKS COMPLEX	2. DATE PREPARED: 09/04/2013	3. TIME PREPARED: 1700	4. OPERATIONAL PERIOD 09/05/13 0600-1800						
	5. INCIDENT MEDICAL AID STATIONS							PARAMEDIC		
MEDICAL AID STATIONS		LOCATION			YES		NO			
Frontline		ICP			X					
FEMP Bianco & Hughes		Div G/H/K or as directed by safety and operations			X					
FEMP Marin & VerVelde		Div B/C or as directed by safety and operations			X					
FEMP Quadros & Russell		Div D or as directed by safety and operations			X					
FEMP Burton & Bliss		Div R/T/Z or as directed by safety and operations			X					
REM 1 Hagan, Houtman		Div G/H/K or as directed by safety and operations			X					
6. TRANSPORTATION							PARAMEDIC			
A. AMBULANCE (GROUND)							YES		NO	
NAME		LOCATION		PHONE		YES		NO		
Arcata 4		ICP		Use command		X				
B. AMBULANCE (AIR)							PARAMEDIC			
NAME		LOCATION			YES		NO			
Kern County 408 Hoist Capable 300' NVG Capable		Willow Creek Airport			X					
CalFire 102- (Hoist) Daylight hrs only		Kneeland, CA					X			
REACH- (Non-Hoist)		3775 Flight Ave, Redding, CA 96003			X					
PHI Air Medical – (Non-Hoist) NVG Capable		1524 East St. Redding, CA 96001			X					
7. HOSPITALS										
NAME	ADDRESS	TRAVEL TIME		PHONE	TRAUMA		HELIPAD		BURN CENTER	
		AIR	GRND		Yes	No	YES	NO	YES	NO
St. Joseph Hospital	2700 Dolbeer Eureka, CA N 40 47.08 / W 124 8.59	20min	2.5 H	(707) 445-8121 #2		X	X			X
Fairchild Medical Center	444 Bruce St. Yreka, CA N 41 43.13 / W 122 38.69	20min	2.5 H	(530) 841-6292		X	X			X
Mercy Medical Center Level II	2175 Rosaline Ave, Redding CA N 40 34.32 / W 122 23.7	50min	3 H	(530) 225-7201	X		X			X
UC Davis Medical CTR Level I	2315 Stockton Blvd. Sacramento N 38 33.29' / W121 27.32'	50min	6.5 H	(916) 734-3790	X		X		X	
8. MEDICAL EMERGENCY PROCEDURES										
LINE EMERGENCY					CAMP EMERGENCY					
<p>Crew Supervisor to contact Division Supervisor with complaint and location. Refer to injury protocol on the back of the 206.</p> <p>1) DIVS contacts:</p> <ul style="list-style-type: none"> Line EMT (If available) Communications Unit Operations / Branch <p>2) On scene DIVS, EMT, and Medical Unit Leader decide mode of transportation required.</p> <p>3) Operations and Medical Unit will manage medical emergency with Communications.</p> <p>If a Medical/Medivac is needed be sure to Know the lat. and long. of the closest helispot</p>					<p>Notify Forks Communications of Camp Emergency. Refer to injury protocol on the back of the 206.</p> <p>Minor Injuries or illnesses</p> <ul style="list-style-type: none"> Seek Aid directly at the Frontline Medical Unit, report all injuries or illnesses to supervisor <p>Moderate to Severe Injuries or Illnesses</p> <ul style="list-style-type: none"> Contact Communications directly Forks Communication will activate the EMS system Forks Communication will notify Safety Do not give name over Radio Communications 					
9. PREPARED BY (MEDICAL UNIT LEADER) Jennifer Kraushaar, Patrick Young (T)					10. REVIEWED BY (SAFETY OFFICER – SOF2) Steve Davis					

Injury or Incident Communications Protocol

Time: _____ Date: _____ On Scene POC: _____

Declare: Medical Emergency _____ or Non-Emergency Medical _____

Number of injured: _____ Type of injury: _____

Patient Location: _____ Lat: _____ Long: _____ Elevation: _____

Best transport method: (see matrix below) Air Ambulance Ambulance Helicopter Vehicle

Any special equipment required: (SKED, Wheeled Stokes, Backboard, etc.) _____

Closest pick up point (DP, Helispot) _____

LOC _____ Resp. _____ Pulse _____ BP _____ Weight _____

Medical History/Allergies _____

On Scene Medic: _____

Air Transportation Triage

Coordinate with Air Ambulance on Cal-Cord (Ch: 15)

	Air Ambulance	Ground Transport
Mechanism	Struck by tree Fall of 10' or more Snake bite with pain and swelling 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	Minor blunt trauma Minor penetrating trauma Extremity sprains and strains
Symptoms	Disoriented Chest Pain or Shortness of Breath Weak or absent radial pulse Pale, cold and sweating	Alert and oriented No shortness of breath Good pulses

Medivac Sites (WGS 84 datum) use Degrees, Decimal Minutes (Lat 00° 00.000' – Long 00° 00.000')

Forks Camp - N 41°15.553 / W 123°19.650

DP- 34 Div. C- N 41°12.896 / W 123°16.759

H 11 – N 41°15.182 / W 123°18.963

DP-39 Div. E- N 41°10.847 / W 123°22.445

If air or ground ambulance is DELAYED:

DO NOT DELAY in Packaging and transporting the patient to rendezvous with the Ambulance.
Re-route EMS helicopter to rendezvous point as appropriate.

When declaring an "Incident within the Incident"

The closest DIVS or designee 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 Safety Officer will secure the site and begin initial investigation when situation is stabilized.

Lookouts
Communications
Escape Routes
Safety Zones

Forks Complex

Operation Period: 09/05/2013 Day Shift

Emphasis on Attention to Detail

The Small Things Make a Difference

- Stay focused on the small things that can compromise your safety
- Small issues may seem inconsequential when viewed alone
- Sometimes multiple small issues can develop into a major problem
- Mitigate small issues so they do not snowball into a major issue
- Communicate minor problems so everyone is aware

MAJOR HAZARDS AND RISKS

STEEP TERRAIN CHIPPING OPS FATIGUE	ROLLING MATERIAL DRIVING ASH PITS	HEAVY EQUIPMENT SNAGS COMPLACENCY
--	---	---

Be sure all elements of your safety plan are in place prior to engagement

Aircraft Safety

Keep personnel out of the drop zone

Use air to ground frequency to communicate with aircraft

Use the clock position of the aircraft to help coordinate target location

Use clear concise statements when communicating with the aircraft

Provide feedback on drop accuracy

Planning for Safety

Have multiple plans and make them know

P – Primary Plan (Offense)

Focused on firefighter safety and mission objectives

A – Alternate Plan (Offense)

A fall back plan that closely supports the primary

C- Contingency Plan (Defense)

Entirely focused on firefighter safety

E – Emergency Plan (Defense)

Entirely focused on individual firefighter survival

INCIDENT RISK ANALYSIS
Forks Complex
(ICS 215A) Day Shift

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES	
ALL	DRIVING HAZARDS	<ul style="list-style-type: none"> • Narrow dusty roads exist. • Establish one-way traffic or coordinate traffic flow if necessary. • Drive defensively! Expect the unexpected around every curve. • Drive with headlights on; use chock blocks, keep windshields clean; look before backing; and use backers whenever available. • Don't drive when fatigued. Adhere to agency driving regulations and guidelines. • Use care when traveling on Highways 96, 93 and Sawyers Bar Road. 	
ALL	HAZARD TREES AND SNAGS	<ul style="list-style-type: none"> • Scout work area for overhead hazards to ensure safe work areas. • Identify and communicate hazard to personnel. Mitigate using qualified personnel only. • Re-assess the need to eliminate the hazard by felling if it is feasible to keep personnel away. • If unable to mitigate hazard, Flag Off area, communicate the location & keep personnel away. 	
ALL	CUMMULATIVE FATIGUE	<ul style="list-style-type: none"> • Monitor crews for signs of fatigue: poor decision making, easily distracted, reduced situational awareness. • Ensure you & your crews receive adequate rest, nutrition & hydration. Take frequent breaks, drink plenty of fluids and snack often throughout your shift to keep your body re-fueled. 	
ALL	COMMUNICATIONS	<ul style="list-style-type: none"> • Share your Situational Awareness (hazards, changes, etc.) to those who also have a need. • Answer questions when asked by others. Ask for intel if and when you don't know the plan. • Ensure all personnel are familiar with the incident and IA communications plans. 	
Salmon River Rd & Sawyers Bar Rd	DEBRIS AND ROCK SLIDES	<ul style="list-style-type: none"> • Any amount of rain will cause loosening of Soils, Rocks, and Trees due to Burn Scar. • Expect debris/rocks in roadways as you travel. Expect the unexpected around every curve. • Notify your supervisor if you find debris blocking or limiting access on any road. 	
ALL	ENVIRONMENTAL HAZARDS	<ul style="list-style-type: none"> • Keep alert for wildlife, insects, and plants. Watch footing and hand placement around rocks. • Keep food out of tents and from around sleeping areas to prevent wildlife night visits. • Personal hygiene is #1 when it comes to Poison Oak Prevention. 	
ALL	EXTREMELY STEEP TERRAIN AND ROLLING MATERIAL	<ul style="list-style-type: none"> • Concentrate on your footing placement; take your time. • Ensure adequate spacing between crewmembers so they can react to dislodged debris. • Post lookouts to warn of rolling debris. SHOUT out to warn others. • Look Up, Down and Around Frequently. 	
DIV G/H, B/C, T/Z	MOP UP	<ul style="list-style-type: none"> • Conduct thorough briefing for all personnel (inside rear cover IRPG). • Use All PPE, including eye protection. • Maintain proper spacing and overhead clearance. • Be alert for stump holes and root cavities. • Minimize exposure to smoke, and rotate personnel into clean air when practical. • Evaluate unburned islands/increase situational awareness. 	
ALL	LIGHTNING	<ul style="list-style-type: none"> • Follow thunderstorm safety in your IRPG p.19 	
DIV D,R,T,Z	HEAVY EQUIPMENT	<ul style="list-style-type: none"> • Utilize appropriate PPE and equipment safety mechanisms. • Maintain safe working distances. • Utilize observer or spotter. • Ensure the use of effective communication (radio, hand signals). 	
DIV B, C, D	CHIPPER OPERATIONS	<ul style="list-style-type: none"> • Ensure JHA is provided and signed by operators. • Only qualified personnel will feed the chipper. • Ensure appropriate PPE is used including eye and hearing protection. 	
DIV B, C, D G, H, T, Z	AIRCRAFT OPERATIONS	<ul style="list-style-type: none"> • Keep personnel out of drop zones when bucket work in progress. • Use air-to-ground frequency to communicate with aircraft. • Use clear, concise statements when directing aircraft. Use clock directions from pilot's perspective. 	
INCIDENT NAME: Forks Complex ICS 215a	DATE PREPARED: <p style="text-align: center;">September 4 2013</p>	OPERATIONAL PERIOD Day Shift 09/05/13 0600-1800 Prepared by: S. Charley , T. O'Connell SOF2	
	TIME PREPARED: 1730 HOURS		

AIR OPERATIONS SUMMARY

Prepared By: Dennis Kuster

Prepared Date: 9/4/2013

Prepared Time: 21:30

1. INCIDENT NAME: Forks Complex	2. OPS PERIOD DATE: 9/5/2013	START TIME: 0800	END TIME: 2100	SUNRISE: 0643	SUNSET: 1940
3. REMARKS (Safety Notes, Hazards, Air Operations, Special Equipment, etc.): Watch for wires in the Salmon river canyon. Beware of rapidly changing VFR conditions due to smoke and Wx Avoid no-fly zone over Klamath and Salmon river confluence unless unsafe. Helowell Coordinates 41° 10.840 123° 22.445 Same as DP 39.					
4. READY ALERT AIRCRAFT MEDEVAC- 502 I.A. -502			5. TFR #: 3/3754 Altitude: 11,000' MSL Frequency: 120.0250		

6. PERSONNEL		PHONE #	7. FREQUENCIES	AM	FM	8. FIXED-WING- Type/ Make-Model/ N#/ Base
AOBD	Dennis Kuster	209-352-0855	AIR/ AIR FW	120.0250		AIRTANKERS - Order as needed
ASGS	Staci Dickson	530-277-5153	AIR/ AIR RW	132.2750		LEAD PLANES- Order as needed
ATGS			AIR/ AIR RW- FF		163.1500	ATGS AIRCRAFT- Order as needed
ATGS			AIR/ GROUND		171.5375	
HEB2	Joel Torres	530-598-9323	COMMAND	rx	168.0750	
Helowell	Nicholas Linfoot			tx	170.4250 t-3	
Scott Valley Helibase	Phone	530-468-1294 530-468-5495	DECK		163.100	
Helibase	FAX	530-468-2118	TOLC			OTHER FW AIRCRAFT-

9. HELICOPTERS (Use Additional Sheets as Necessary)													
FAA N#	T	MAKE/ MODEL	BASE	AVAIL	START	REMARKS	FAA N#	T	MAKE/ MODEL	BASE	AVAIL	START	REMARKS
H-503	3	Bell 407	Happy Cmp	0700				Y					
H-502	2	Bell 205	Scott Vly	0700									
5BH	1	S70	Scott Vly	0700									

10. TASK/MISSION/ ASSIGNMENT (Type/ function includes: Air Tactical, Retardant, Recon, Personnel Transport, Bucket Operations, SAR, etc.			MISSION START	FLY FROM	FLY TO
TYPE/FUNCTION	NAME OF PERSONNEL OR CARGO (If applicable) or instructions for tactical aircraft		As Needed		
Water Dropping			As Needed		
Recon	Expected recon w/new IC no time set.		As Needed		
Crew Transport	Repeater mission to Etna Mtn		As Needed		
Cargo			As Needed		



M.I.S.T. GUIDELINES (SRF – KNF – SHF)

MINIMUM IMPACT SUPPRESSION TECHNIQUES

Wilderness areas are areas that are protected by law and are managed to preserve their natural conditions for present and future generations. The following Minimum Impact Suppression Techniques (MIST) are guidelines intended to significantly reduce the impacts associated with fire suppression and incident management activities in Wilderness areas.

SAFETY Safety is of paramount importance. Incident personnel should constantly be aware of their surroundings and the Eight Principles of Safety, the 10 Standard Firefighting Orders and the 18 Watchout Situations when applying MIST techniques.

LINE OPERATIONS

- Use natural barriers, wet line or cold trail techniques, rather than constructing line. Consider burnout from natural barriers to minimize line construction.
- When constructed line is necessary, use the minimum width, depth and canopy clearance necessary to check fire spread, based on fire behavior. Locate line to minimize impacts. Consider use of fireline explosives for line construction.
- Do not put line construction debris in streams.

GREEN TREES, BURNED TREES AND SNAGS

- Scrape around tree bases near fireline if hot and likely to cause fire spread.
- Inside fireline: remove or limb only those fuels that if ignited would have potential to spread fire outside the fireline.
- Identify hazardous trees with an observer or flagging.
- Use Saw Use guidelines.

SAW USE

- Minimize the amount of cutting.
- Live trees will not be cut, unless it is determined they will cause fire spread across the fireline or endanger workers or the public.
- Slope/angle saw cuts away from line of sight to minimize visual impacts. Rub dirt or ash on stumps and log ends to camouflage them. Do not crosshatch/etch.
- If trees must be felled inside the line, do not limb or buck them. Allow the fire to consume them.

INDIRECT ATTACK

- Do not fall snags on the intended unburned side of the constructed fireline, unless they are safety hazard to crews or the public.
- On the unintended burn-out side of the line, fall only those snags that would reach the fireline should they burn and fall over.
- Consider alternative means to falling, i.e., fireline explosives, bucket drops.
- Consider all items in Section B, the Fire Line Phase.

AIR OPERATIONS

- Limit the use of retardant. Use water drops (preferred) or foam instead. When foam or retardant use is appropriate, avoid dropping near surface water.

HELISPOT CONSTRUCTION

- Minimize the number of helispots constructed in Wilderness.
- Evaluate carefully whether it is necessary to construct a helispot or whether an alternative outside Wilderness can be used.
- If a helispot is only needed for logistical support to deliver and retrieve supplies or gear, consider using a long line remote hook in lieu of constructing a helispot. If a helispot is needed for crew shuttle, consider the minimum size helicopter that could do the job and still meet suppression objectives.
- Use natural openings as much as possible. If some tree falling or cribbing is necessary, avoid high visitor use locations unless the modifications can be rehabilitated to be generally unnoticeable. Feather the opening so that it appears more natural looking.
- Whenever possible, the Resource Advisor should provide specific instructions and observe the construction of helispots.
- Naturalize helispots before abandoning

SPIKE CAMPS AND CAMP ACTIVITIES

- Camps and other facilities will be located outside of wilderness whenever possible.
- A Resource Advisor will be consulted prior to establishing spike camps and use will be discontinued if resource damage occurs.

MOP-UP PHASE

- Cold trail rather than scraping or digging whenever possible to detect hot areas.
- Roll or drag fuels into the interior and allow them to burn out, rather than mopping them up and roll logs rather than bucking.
- Pull hot material away from the bases of trees, rather than felling them.
- Remove or limb only those fuels that if ignited, have potential to spread outside the fireline.

PERSONAL CONDUCT

Leave No Trace – Pack it in - Pack it out

Confirmed approval for use of mechanized equipment – Chainsaws / Helicopter Use

The 5-D System for Effective Waterbars

When locating and building waterbars, 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	<i>Waterbars should be at least 2 pulaski widths (4-6 inches) wide and 12-24 inches high for handlines.</i>
6-20	125	
21-40	60	
41-60	40	
>60	25	

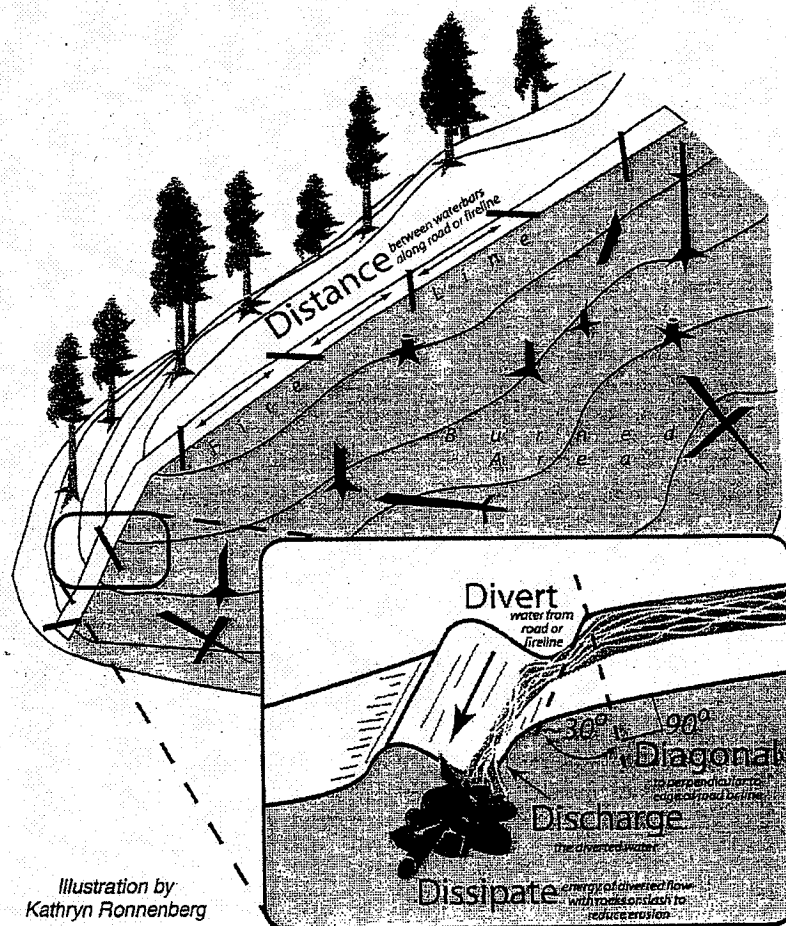


Illustration by
Kathryn Ronnenberg

TRAINING SPECIALIST MESSAGE

**All "Open" training packages are due in to the
Training Specialist by NOON TODAY**

**Training packages must be closed out with the
Training Specialist prior to demob in order to
complete your incident documentation**

Brad Smith
Training Specialist

PENDING DEMOBS

IF YOU ARE ON THIS LIST SEE OR CALL DEMOB RIGHT AWAY IF YOU ARE FLYING AND HAVE NOT YET MADE YOUR TRAVEL ARANGMENTS WITH DEMOB.

09/05/13

O-134	(SEC2)	ZAFFARANO, SKY
O-140	(READ)	OWENS, TERRAH M
O-132	(SEC1)	BARTELS, MARY ELIZABETH
O-132	(SEC1)	BLISS, DONALD W
E-218	(ENG6)	ENGINE-T6-016-BRUCE YOUN
E-221	(ENG6)	ENGINE-T6-CBD7601
E-316	(MISS)	JND FIRE SUPPRESSION
E-35	(MEC)	LES SCHWAB
E-41	(WEED)	H2O OREGON

09/06/2013

O-52	(EQPM)	BALES, CHERYL
O-128	(RADO)	MOSS, TERESA
O-135	(SEC2)	WHITE, RICK P
O-136	(SEC2)	MARCANO, ANGELA
O-148	(EQPM)	ULLREY, VICTOR J
O-169	(IMET)	PENDERGRAST, JOHN
O-218	(GSUL)	HONG, JAMES
C-66	(HC1)	CREW-T1-FEATHER RIVER IHC
C-21	(HC2IA)	CREW-T2IA- MOUNTAINEERS

09/07/2013

O-133	(SEC1)	BISHOP, ARNOLD BARRY
O-144	(BCMG)	PAUL, LARRY W
O-146	(SEC1)	RICHARDSON, JAMES
O-149	(EQPM)	BEATTY, TRENTON K
O-172	(COMT)	ANDREWS, MATTHEW
E-52	(ENG5)	CHEWACK WI
E-365	(ENG6)	GRAYBACK

