

Incident Action Plan

Forks Complex

CA-KNF-5949

P5HS91



Day Shift

September 6, 2013

0600 to 1800

INCIDENT OBJECTIVES	1. Incident Name Forks Complex	2. Date 9/5/2013	3. Time 19:52
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4. Operational Period
9/06/2013 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) <i>[Signature]</i> PSC2 (+)	10. Approved by (Incident Commander) <i>[Signature]</i>
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ORGANIZATION ASSIGNMENT LIST			9. Operations Section		
1. Incident Name		Forks Complex			
2. Date		3. Time		9/5/2013 20:09	
4. Operational Period		09/06/2013 0600 - 1800			
Position	Name	Division/Group			
5. Incident Commander and Command Staff			a. Division/Groups		
Incident Commander	Matt Johnson	Division/Group	A,E,F,W	Unstaffed	
Deputy IC	Joe Molhoek	Division/Group	B / C	Greg Jewers / Heather Munn(t)	
Liaison	Tim Fike	Division/Group	D	Casey Boespflug	
Safety Officer	T. O'Connell	Division/Group	G / H / K	Heather McRae	
Information Officer	Adrienne Freeman	Division/Group	R / T / Z	Steve Raymer	
6. Agency Representative			b. Division/Groups		
Agency Admin	Patty Grantham	Division/Group			
Agency Admin Rep	Nolan Colegrove (SRF) Dave Hayes (KNF)	Division/Group			
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 Coor.	Harold Tripp	Division/Group			
Lead Resource Advisor	Roberto Beltran	Division/Group			
7. Planning Section			c. Division/Groups		
Chief	Patrick Farrell / John Owen (t)	Air Operations Branch Director	Dennis Kuster		
Deputy		Air Support Group Supervisor	Staci Dickson		
Resources Unit	Jeff Buscher (t) / Duane Miller (t)	Air Tactical Group Supervisor			
Situation Unit	Charlotte Jordan / Matt Brown(t)	Air Tactical Group Supervisor			
Documentation Unit	Rex Crabtree	HeliBase Manager	Joel Torres		
Demobilization Unit	Karen Davis				
Fire Behavior Unit	Ken Larson / Brian Ebert (t)				
Incident Meteorologist					
Technical Specialist	John Miller / Blake Miller (t)				
Training Specialist	Brad Smith / Diane Bolt				
GISS	Kevin Roehrs				
Status Check-In	Mike Velasquez (t)				
8. Logistics Section			d. Air Operations Branch		
Chief	Jack Costello	Procurement Unit Leader			
Deputy	Mike Heckendorn	IBA	Lola Capp / Kathy Griffin		
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				
			10. Finance Section		
		Chief	Rich Anderson		
		Personnel Time Unit	Penny Portlock		
		Equipment Time Unit	Juanita Cortez		
		Cost Unit	Sam Rapphahn (t)		
		Compensation / Claim Unit	Tina Kennedy		



Forks Complex Incident Weather Forecast



FORECAST NO: 35
PREDICTION FOR: Friday Day Shift
SHIFT DATE: September 6th, 2013
FORECAST ISSUED: 2000 September 5th, 2013

NAME OF FIRE: Forks Complex
UNIT: Klamath National Forest
Incident Meteorologist: *John Pendergrast*

WEATHER DISCUSSION: High pressure will begin to build over the region today and a return to warm and dry weather during this weekend will occur. Warm and dry conditions will persist into early next week.

WEATHER FORECAST FOR TODAY (FRIDAY DAY SHIFT):

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%

FORECAST TONIGHT (FRIDAY NIGHT):

WEATHER: Mostly clear. Cool. Inversion developing late.
MIN TEMPERATURES: 47 to 54F drainages. 52 to 60 ridges.
MAX RH: 90 to 100% drainages and 65 to 75% upper elevations.
LAL: 1 **CWR:** 0%
WIND (EYE-LEVEL): **Valleys:** East to Northeast 5 to 10 mph the evening...becoming drainage 1 to 4 mph.
Upper slopes/Ridges: East to Northeast around 10 mph decreasing late.

WEATHER FORECAST FOR SATURDAY:

WEATHER: Mostly sunny. Warmer.
WIND (EYE-LEVEL): **Valleys:** variable less than 3 mph...becoming up valley 6 to 12 mph in afternoon.
Upper slopes/Ridges: East 5 to 10 mph increasing to 10 to 15 mph with higher gusts in afternoon.
MAX TEMPERATURES: 90 to 96F drainages, 75 to 82 ridges.
MIN RH: 18 to 26% drainages, 42 to 52% ridges.
LAL: 1 **CWR:** 0%

EXTENDED OUTLOOK SUNDAY THROUGH TUESDAY: High pressure over the area will keep warm and dry weather early to middle of next week. With diurnal slope/valley winds each afternoon. Overnight thermal belts.

WEATHER: Mostly Sunny and warm. Highs 89 to 96 valleys, around 10 degrees cooler at elevation.
WIND (EYE-LEVEL): **Valleys:** Light drainage wind early becoming upslope/valley around 10 mph with some gusts 15 mid-afternoon. Higher gusts along aligned valleys at mid to late afternoon.
Upper slopes/Ridges: East 10 to 15 mph with higher gusts in afternoons.
MIN RH: **Valleys:** 14 to 22%.
Upper slopes/Ridges: 36 to 48%.
MAX overnight RH: 90-100% drainages, 60 to 75% ridges.
LAL: 1 **CWR:** 0%

Sunrise Friday 0649 Sunset Friday 1940
Sunrise Saturday 0650 Sunset Saturday 1938
Moon Phase: Friday Waxing (2% visible)

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 59	TYPE OF FIRE: Wildland Fire
FIRE NAMES: Forks Complex	OPERATIONAL PERIOD: 0600 – 1800, Sept. 6, 2013
DATE ISSUED: September 5, 2013	TIME ISSUED: 2000
UNIT: Klamath NF	SIGNED: /s/ Brian Ebert, FBAN(t)

INPUTS

WEATHER SUMMARY: *See attached Incident Meteorological Forecast*

Discussion: High pressure with begin to build over the region today and a return to warm and dry weather will occur this weekend. Warm and dry conditions will persist into early next week.

Weather: Becoming mostly sunny. Warmer.

Max Temp: 80-87° drainages, 66-74° ridges

Min RH: 30-38% drainages, 48-58% ridges

Winds (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.

FIRE BEHAVIOR

GENERAL

Yesterday's warming trend will continue today resulting in increased fire activity. Areas will continue to smolder and creep; new smoldering activity may occur as humidity levels decrease. Northeasterly winds align with many drainages across the fire area. Areas that have not seen heat for several days may begin to smolder and creep as fuels dry out. The burn period will lengthen as fuels dry earlier in the operational shift.

Probability of Ignition: 60%

Predicted ERC: 50 (50th percentile)

Butler Fire: Smoldering activity will persist where sources of heat remain and will likely increase with forecasted warming and drying. Dead fuels in timber stands are contributing to fire spread in China Creek. Smoldering and creeping will continue in China, Granite and Butler drainages. Rates of Spread 2 to 5 chains per hour can be expected where continuous fuels promote fire spread. Flame lengths up to 3 feet with isolated torching of canopy fuels is possible in timber stands, where sufficient heating occurs to initiate torching and winds are in alignment with slopes. Brush fields with minimal dead litter will need a wind component to carry fire.

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.


AIR OPERATIONS



09/02 Sunrise – 06:49


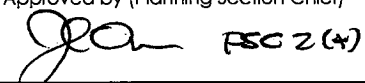
09/02 Sunset – 19:40



SAFETY

- As conditions warm, areas may once again begin to smolder and increase where inactive from previous cool weather conditions; observe work areas especially if working in the interior fire area.
- 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: 09/06/2013 Time: 0600-1800				
5. Operations Personnel							
Operations Chief		Rick Young / Eric Petterson (t)		Division/Group Supervisor		Greg Jewers / Heather Munn (t)	
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
HC2IA Iron Mt. (C-26)		Rob Allen		9/13	23	N	1800
ENG6 Mt. Adams (E-339)		Paula Holter		9/8	3	N	1800
ENG6 Inbound #4 (E-366)		Adham Rowley		9/7	3	N	1800
WT2 Glakeler (E-98)		Ryan Grable		9/17	1	N	1800
WT2 Lee Traynham (E-96)		Jason Peters		9/8	1	N	1800
HECM (O-250/251)		Nicholas Linfoot / Chris Ware		9/15	1	N	1800
FEMP (O-216)		Joel Vervelde		9/14	1	N	1800
FEMP (O-215)		Carlos Marin		9/14	1	N	1800
Heritage Consultant (O-255)		Phil Tripp		9/7	1	N	1800
READ (O-246)		Joe Svinarich		9/15	1	N	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 2 (t)			Date 9/5/2013	Time 20:30

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group D - Butler		
3. Incident Name Forks Complex			4. Operational Period DAY OPERATIONS Date: 09/06/2013 Time: 0600-1800				
5. Operations Personnel							
Operations Chief		Rick Young / Eric Petterson (†)		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	
DOZ2 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 / Brian Rubacava	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	
Heritage Consultant (O-292)	Franklin Donahue	9/19	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) D. Miller 			Approved by (Planning Section Chief)  PSC 2 (C)			Date 9/5/2013	Time 20:29

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group G/H/K - Butler		
3. Incident Name Forks Complex			4. Operational Period Date: 09/06/2013		4. Operational Period DAY OPERATIONS Time: 0600-1800		
5. Operations Personnel							
Operations Chief		Rick Young / Eric Petterson (†)		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	Drop Off PT./Time	Pick Up PT./Time	
WFM Saguaro (O-219)	Jason Thivener	9/14	9	N	DP-44 / 0700	1800	
WFM Mt Hebron (O-245)	Erik Blankenship	9/13	10	N	DP-44 / 0700	1800	
ENG6 Eagle Cap (E-217)	Jeff Pery	9/9	3	N	DP-44 / 0700	1800	
ENG6 Grayback #19 (O-365)	Telly Martinez	9/7	3	N	DP-44 / 0700	1800	
SOF2 (O-227)	Charles Frank	9/12	1	N	DP-44 / 0700	1800	
FEMP (O-196)	Jody Hughes	9/12	1	N	DP-44 / 0700	1800	
FEMP (O-195)	Dave Bianco	9/12	1	N	DP-44 / 0700	1800	
REM Team (O-200)	Bryan Hagan	9/12	2	N	DP-44 / 0700	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 			 FSC 2 (4)			9/5/2013	20:23

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group R/T/Z - Salmon		
3. Incident Name Forks Complex			4. Operational Period DAY OPERATIONS Date: 09/06/2013 Time: 0600-1800				
5. Operations Personnel							
Operations Chief		Rick Young / Eric Petterson (t)		Division/Group Supervisor		Steve Raymer	
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	
ENG6 Eye of the Eagle (E-220)	Weston Simonis	9/17	3	N	DP2 / 0700	1800	
ENG6 A-Team Wildfire (E-219)	Schin Haakenson	9/9	3	N	DP2 / 0700	1800	
ENG5 Chewack #74 (E-52)	Jared Hodgson	9/6	3	N	DP2 / 0700	1800	
TFLD (O-75)	Matthew Lamb	9/10	1	N	DP2 / 0700	1800	
FEMP (O-212)	Patrick Burton	9/14	1	N	DP2 / 0700	1800	
FEMP (O-208)	Don Bliss	9/14	1	N	DP2 / 0700	1800	
READ (O-247)	Stephanie Caballero (t)	9/15	1	N	DP2 / 0700	1800	
7. Control Operations							
<ul style="list-style-type: none"> Mop up to an optimal goal of 300' where accomplishment does not jeopardize personnel safety. Continue repair operations as directed by DIVS. 							
8. Special Instructions							
<ul style="list-style-type: none"> Coordinate with READS and DIVS to implement suppression repair plan in Division R. 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 167.1125 TX 167.1125	TAC 6	11 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 2 (t)			9/5/2013	21:29

INCIDENT RADIO COMMUNICATIONS PLAN			Incident Name			Date/Time Prepared			Operational Period Date/Time		
INCIDENT RADIO COMMUNICATIONS PLAN			FORKS COMPLEX			09/05/13 1545 HRS.			DAY SHIFT 09/06/13 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		09/05/13 1457 HRS.		09/05/13 1457 HRS.		DAY 09/06/13 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	ZONE 6
6	SISKIYOU DISPATCH	SKU-L 1	SKU OPS	151.3250 N		159.3600 N	CG	A	ZONE 6
7	HUMBOLT	HUU OPS	OPERATIONS	151.2500 N		159.4050 N	CG	A	ZONE 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: 09/05/2013		3. TIME PREPARED: 1600		4. OPERATIONAL PERIOD 09/06/13 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 H or as directed by safety and operations					X				
6. TRANSPORTATION														
A. AMBULANCE (GROUND)										PARAMEDIC				
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			
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			
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			
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) Terry O'Connell								

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: 09/06/2013 Day Shift

Emphasis on Situational Awareness

Mission Analysis and Engagement

- What is the mission, what is the assignment?
- Are all hazards identified and made known?
- Is additional information needed?
- Lookouts - Communications - Escape Routes - Safety Zones
- Maintain Situational Awareness

MAJOR HAZARDS AND RISKS

STEEP TERRAIN CHIPPING OPS FATIGUE	ROLLING MATERIAL RATTLESNAKES BUCKET DROPS	HEAVY EQUIPMENT SNAGS COMPLACENCY
--	--	---

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

Communication Responsibilities

All Firefighters have five communication responsibilities

- ***Briefings** – All resources require briefings. Use briefing checklist in pocket guide.
- ***Debrief Actions** – as necessary. Use pocket guide After Action Review to stimulate discussion and provide guidance.
- ***Communicate Hazards to Others** –
- ***Acknowledge messages** –
- ***Ask if you do not know** – Ask questions in unfamiliar situations. The only dumb question is the one you did not ask.

MOUNTAIN DRIVING

Driving presents one of the greatest risks faced by personnel on this incident. Drive defensively at appropriate speeds which allow you to react to meeting the unexpected. Be able to stop your vehicle within one half of the visible distance on blind curves. Driving demands your full attention. Pull off the road in a safe location when placing or receiving a cell phone call. Chock vehicles parked on slopes. Use backers whenever available.

Maintain Situational Awareness at all times behind the wheel!

Nor Cal Team 2 Safety Officer Terry O'Connell

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 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 5 2013</p>	OPERATIONAL PERIOD Day Shift 09/06/13 0600-1800 Prepared by: S. Charley , T. O'Connell SOF2	
	TIME PREPARED: 1730 HOURS		

AIR OPERATIONS SUMMARY

Prepared By: Dennis Kuster

Prepared Date: 9/5/2013

Prepared Time: 21:30

1. INCIDENT NAME: Forks Complex	2. OPS PERIOD DATE: 9/6/2013	START TIME: 0800	END TIME: 2100	SUNRISE: 0644	SUNSET: 1938
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. Helipad 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		FM	8. FIXED-WING- Type/ Make-Model/ N#/ Base	
AOBD	Dennis Kuster	209-352-0855	AIR/ AIR FW	AM	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		
Helipad	Nicholas Linfoot			tx	170.4250 t-3		
Scott Valley Helibase	Phone	530-468-1294	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 Camp	0700				Y					
H-502	2	Bell 205	Scott Vly	0700									
5BH	1	S70	Scott Vly	0700									
22EA	3	Bell 206	Scott Vly	0700		IR							

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		As Needed		
Crew Transport		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
6-20	125
21-40	60
41-60	40
>60	25

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

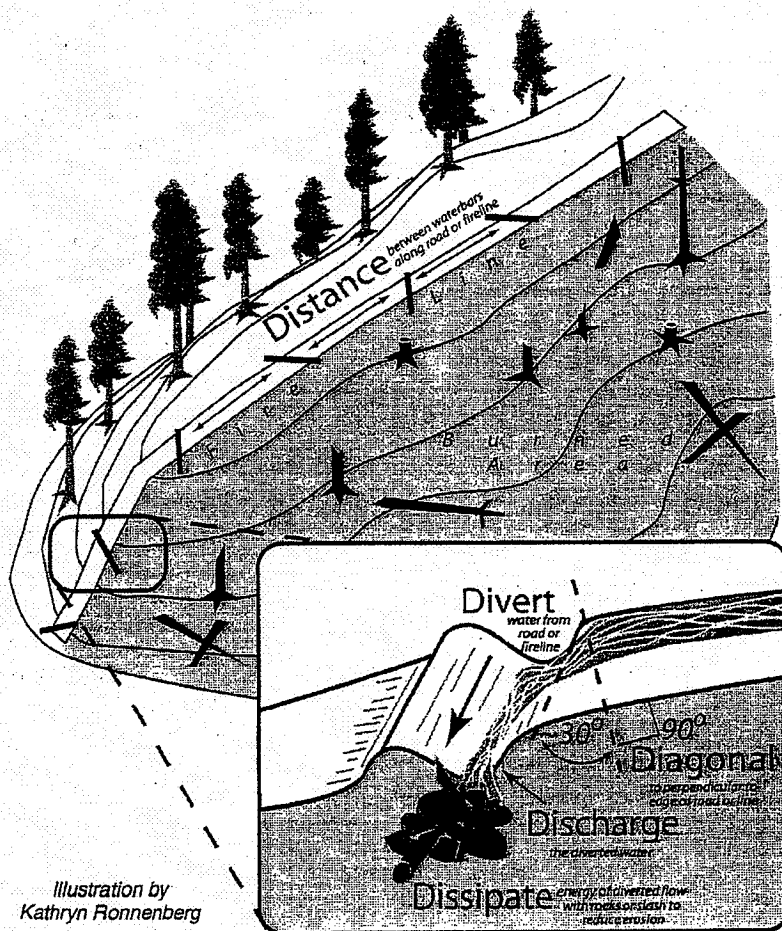


Illustration by
Kathryn Ronnenberg

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.

09/06/2013

O-19	(FDUL)	BAKER REBECCA
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
O-193.31	(GISS)	KERR, MELANIE
E-58	(GRD)	BOB JOHNSON CONSTRUCTION
E-12	(WTS2)	WTS2 JOHNSON
E-13	(WTS2)	WHITE LOGGING
E-44	(PU)	PICKUP ¾ TON STANSBERRY
E-229	(PU)	PICKUP ¾ TON 4W4-RICHARD
E-316	(STK)	TRANSPORTATION-STAKESIDE-J&D FIRE
E-60	(PU)	JERRY POESCHEL
E-61	(PU)	PICKUP ¾ TON JACK GROOMS
E-316	(PU)	J&D FIRE
E-77	(WTS2)	WTS2 CATTLELACK (end of shift)
E-17	(GRD)	GRADER T1-DARRAH (end of shift)
E-33	(CHIP)	CHIPPER TY3-DIAMOND ROAD
C-21	(HC2)	MOUNTAINEERS
C-69	(HC2)	CREW NORTH PACIFIC

09/07/2013

O-133	(SEC1)	BISHOP, ARNOLD BARRY
O-144	(BCMG)	PAUL, LARRY W
O-149	(EQPM)	BEATTY, TRENTON K
O-168	(EQPM)	BEAUBOUF, JASON
O-172	(COMT)	ANDREWS, MATTHEW
O-203	(GSUL)	DRUCKER JR, MERLE L
E-41	(WEED)	H2O OREGON
E-52	(ENG5)	CHEWACK WI
E-62	(MEC)	SERVICE TRUCK T2-TRINITY
E-122	(MEC)	SERVICE TRUCK TYPE 1 W/MECHANICAL
E-315	(FORK)	DON,S RENTAL
E-365	(ENG6)	GRAYBACK
E-35	(MEC)	LES SCHAUB TIRE REPAIR

09/08/2013

O-178	(DIVS)	FULLMAN, MELANIE
O-378	(HEQB)	HAYS, DAVE
E-66	(ENG6)	INBOUND LLC
E-225	(EXCA)	EXCAVATOR-NORTH RIVERS CONSTRUCTION
E-316	(MISC)	J&D

