# **Incident Action Plan**

Forks Complex CA-KNF-5949 P5HS91



**Day Shift**September 4, 2013
0600 to 1800

			· · · · · · · · · · · · · · · · · · ·	
INCIDENT OBJECTIVES	1. Incident Name	2. Date		3. Time
	Forks Compl	ex 9/3/	/2013	20:23
4. Operational Period	_	.,		•
	-	1/2013 0600 - 1800		
5. General Control Objectives for the Incide	nt (include alternatives)			
MANAGEMENT OBJECTIVES				
Ensure all suppression	actions are prioritized	d for firefighter and p	public safety.	
<ul> <li>Ensure fire suppression</li> </ul>	•			
<ul> <li>Utilize Resource Adviso wildlife, and plant resource</li> </ul>		sultants to assess in	pacts to sens	sitive historic, cultural,
<ul> <li>Manage the fire in a cos</li> </ul>	t effective manner co	mmensurate with va	alues at risk.	
Keep cooperators, com	munities, and concer	ned citizens informe	d.	
OPERATIONAL OBJECTIVES				
<ul> <li>Utilize tactics which pro</li> </ul>	•			
<ul> <li>Utilize minimum impact designations as approp</li> </ul>		(MIST) within wilder	ness areas an	d in other land use
Keep the Butler fire with	nin constructed fire li	nes.		
<ul> <li>Keep the Salmon fire w</li> </ul>	ithin existing contain	ment lines.		
<ul> <li>Implement fire suppres</li> </ul>	sion repair in accorda	ance with developed	plans.	
6. Weather Forecast for Period				
See attached forecast				
7. Safety Message				
See attached Safety Me	essage			
•	_			
: : :				
8.	Attachments (mc	ark if attached)		Mary Transfer
Organization List - ICS :	_	Medical Plan - ICS 206	⊠ w	/eather
	CS 204 🛭 Ir	ncident Map	⊠ s	afety Message
	- ICS 205	raffic Plan		CES Worksheet
9. Prepared by (Planning Section Chief)	20 (4)	10. Approved by 6	Incident Command	der)

ORGANIZA	ATION ASSIGNMEN	NT LIST	9. Op	erations Se	ction
1. Incident Name			Day Ops Chief		ing / Eric Petterson (t)
	Forks Complex		Night Ops Chief		
2. Date		3. Time	Planning Ops	Dan Geo	orge / Scott Lucas (t)
9/3/201	3	20:23		ivision/Gro	
4. Operational Period			Division/Group	A,E,F,W	Unstaffed
09/04/20	13	0600 - 1800	Division/Group	B/C	Greg Jewers / Heather Munn(t)
Position	1	Name	Division/Group	D	Casey Boespflug
5. Incident Com	mander and Comma	nd Staff	Division/Group	G/HK	Heather McRae
Incident Commander	Matt Johnson		Division/Group	R/T/Z	Steve Raymer / Matt Lynde (t)
Deputy IC	Joe Molhoek		Division/Group	Road	John Fell
Liaison	Tim Fike		Division/Group		
Safety Officer	T. O'Connell / S.	Charley	b. E	ivision/Gro	oups
Information Officer	Adrienne Freema		Division Group		
	7.00.00		Division Group	<del>                                     </del>	
6 A	gency Representative		Division/Group	1	
	Name		Division/Group		
Agency			Division/Group	-	-
Agency Admin	Patty Grantham  Nolan Colegrove	(SDE)			
Agency Admin Rep	Dave Hayes (KN		Division/Group		
Siskiyou County Sheriff	Jim Bretts		c. I	Division/Gr	oups
Siskiyou County OES	Ron Qugley		Division/Group		
Forks Community Liaison	Jim Bennett		Division/Group		
Hoopa Tribal Chair	Danielle Vigil-Ma	sten	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	Dustin Bryant				Branch
7.	Planning Section		Air Operations Branch D	irector [	Dennis Kuster
Chief	Patrick Farrell / J	lohn Owen (t)	Air Support Group Super	visor S	Staci Dickson
Deputy			Air Tactical Group Super	visor	eff Keiser / Rico Gonzalez (t)
Resources Unit	Jeff Buscher (t) /	Duane Miller (t)	Air Tactical Group Super	visor	
Situation Unit	Charlotte Jordan	/ Matt Brown(t)	HeliBase Manager	E	Bill Lambert
Documentation Unit	Rex Crabtree				<u> </u>
Demobilization Unit	Karen Davis				
Fire Behavior Unit	Ken Larson / Br			Finance Se	
Incident Meteorologist	John Pendergras		Chief		Beth Lopez
Technical Specialist	John Miller / Bla	ke Miller (t)	Personnel Time Unit		Penny Portlock
Training Specialist	Brad Smith		Equipment Time Unit		Juanita Cortez
GISS		ark Grupe / K. Roehrs	Cost Unit		Rich Anderson / Sam Rapphahn (t)
Status Check-In	Mike Velasquez		Compensation / Claim U		Fina Kennedy
8.	Logistics Section		Procurement Unit Leade		11-0
Chief	Jack Costello		IBA		Lola Capp / Kathy Griffin
Deputy	Mike Heckendor				482214102
Supply Unit	Tracey Valentine		Prepared By: Duane Mil	ler _ DEQL	<del>t)</del>
Facilities Unit	Bill Patten / Ric Robin Davis (t)		Prepared by, Duane Mili	iei – Keol (	Ŋ
Ground Support Unit	John Fell / Merle				
Communications Unit	Jim Lewis / Don	Stoner			
Medical Unit		aar / Patrick Young (t)			
Food Unit	Kevin Browning				Mary day



## Forks Complex Incident Weather Forecast



FORECAST NO: 33

PREDICTION FOR:

SHIFT DATE:

Wednesday Day Shift

September 4rd, 2013

FORECAST ISSUED: 2000 September 3nd, 2013

NAME OF FIRE: Forks Complex

Klamath National Forest

Incident Meteorologist: John Pendergrast

240-499-6649

WEATHER DISCUSSION: A slow moving upper low off Oregon is forecast to landfall along the Oregon coast on Thursday. The system will bring increased clouds through Thursday with a sprinkle possible. A wind shift to north component is expected by Friday with high pressure building over the region and a return to warm and dry weather this weekend.

UNIT:

WEATHER FORECAST FOR TODAY (WEDNESDAY DAY SHIFT):

WEATHER: Partly cloudy, Mild. Breezy in the afternoon.

WIND (EYE-LEVEL): Valleys: South 5 mph early increasing to 10 to 15 mph with higher gusts in afternoon.

Upper slopes/ridges: South to Southwest 10 to 15 mph with afternoon gusts up to 20 mph.

MAX TEMPERATURES: 76 to 82F drainages, 63 to 72 ridges.

MIN RH: 33 to 46% drainages, 58 to 68% ridges.

LAL: 1

CWR: Less than 5%

FORECAST TONIGHT (WEDNESDAY NIGHT):

WEATHER: Variable cloudiness. Limited to no inversion. Brief sprinkles possible.

MIN TEMPERATURES: 50 to 58F.

MAX RH: near 100% drainages and 90 to 100 percent upper elevations. Saturation of fine fuels likely.

CWR: less than 5% LAL: 1

WIND (EYE-LEVEL): Valleys: Southwest winds 10 mph the evening... becoming West 5 to 10 mph.

Upper slopes/Ridges: Southwest 10 to 15 mph becoming West.

WEATHER FORECAST FOR THURSDAY:

WEATHER: Variable cloudiness becoming Partly cloudy. Cooler.

WIND (EYE-LEVEL): Valleys: West 5 to 10 mph becoming Northwest increasing to 10 to 15 mph in afternoon.

Upper slopes/ridges: West 10 to 15 mph becoming Northwest with afternoon gusts up to 20 mph.

MAX TEMPERATURES: 71 to 77F drainages, 56 to 64 ridges.

MIN RH: 45 to 55% drainages, 64 to 74 % ridges.

LAL: 1

CWR: Less than 5%

EXTENDED OUTLOOK FRIDAY THROUGH SUNDAY: Low pressure over Oregon Friday to move east of region. A wind shift to north component is expected by Friday with high pressure building over the region and a return to warm and dry weather this weekend with thermal belt development overnight.

WEATHER: FRI:

Partly cloudy. Highs 68 to 78. SAT-SUN: Mostly Sunny Warmer Highs 80 to 90.

WIND (EYE-LEVEL): Valleys: FRI: Northeast wind 5 to 10 mph. Higher slope and Valley winds in Afternoon.

SAT-SUN: Light drainage wind early becoming upslope/valley around 10 mph by mid afternoon. Upper slopes/Ridges: FRI: Northeast 10 to 15 mph with higher gusts in the afternoon.

SAT-SUN: Northeast to East 10 mph with higher gusts in afternoons.

MIN RH: Valleys: FRI 27 - 35% SAT/SUN 14 to 22%.

Upper slopes/Ridges: FRI 45 to 55 % ridges...SAT/SUN 35 to 45%.

MAX overnight RH: 85 – 95% drainages, 45 – 55% ridges...max RH Trend remaining lower at elevation...

LAL: 1

CWR: 0%

Sunrise Wednesday 0647 Sunset Wednesday 1943 Sunrise Thursday 0648 Sunset Thursday

Moon Phase: New (1% visible)

## FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 57	TYPE OF FIRE: Wildland Fire
FIRE NAMES: Forks Complex	OPERATIONAL PERIOD: 0600 – 1800, Sept. 4, 2013
DATE ISSUED: September 3, 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 off Oregon is forecast to landfall along the Oregon coast on Thursday. The system will bring increased clouds through Thursday with a sprinkle possible. A wind shift to north component is expected by Friday with high pressure building over the region and a return to warm and dry weather this weekend.

**Weather:** Partly cloudy with mild and breezy conditions in the afternoon.

Max Temp: 76-82° drainages, 63-72° ridges
Min RH: 33-43% drainages, 58-68% ridges

Winds (eye-level): Valleys: SW 5 mph increasing to 10 to 15 mph; higher gusts in aligned valleys.

Ridges: S to SW 10 to 15 mph; Gusts to 20 mph in the afternoon.

### **FIRE BEHAVIOR**

#### GENERAL

Mild weather continues today resulting in similar fire activity as yesterday. Smoldering and creeping will continue over the fire area. As fuels are exposed to sunlight and surface heating occurs, new areas of smoldering activity may occur over the fire area. Overall, current weather and fuel conditions remains below average for this time of year and is projected to remain below average for the near term. The complex terrain continues to shelter fuels from ridge top winds. Higher wind speeds can be expected along the Salmon River and exposed ridge tops along with normal diurnal upslope/up drainage winds throughout the operational shift.

Probability of Ignition: 50% lower elevations, 30% at elevations > 5000'

**Predicted ERC:** 50 (50<sup>th</sup> percentile)

**Branch I:** SW ridge top winds continue to have a minimal effect on areas still smoldering and creeping in Granite, Nordheimer, and China Creek drainages. The prominent North to South ridgeline is providing effective sheltering of winds to the burn area. Smoldering fire activity will continue in all areas with remaining heat. Increased humidity continues to limit fire activity.

Divisions A, B, C: Minimal fire behavior expected. Fuels will continue to smolder in Nordheimer Creek.

**Divisions R, T, Z (Salmon):** Minimal fire activity is expected near containment lines; smoldering fire activity can be expected to continue within the interior of the burn area.

#### **AIR OPERATIONS**

09/02 Sunrise - 06:47 09/02 Sunset - 19:43

## SAFETY

 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 I	LIST	1. Branch			2. Div	ision/Group		
5,0,5,0				= ···			A,E,F	,W - I	Butler
3. Incident Name			4. Operation	onal Period		DA	AY OPER	ATIONS	
Forks	s Complex		Date: (	09/04/2013			Tin	ne: 06	00-1800
5.		(1)	Operation	s Personnel			1000		
Operations Chief	Rick Young	/ Eric Petterso	n (t)	Division/Group	o Supervisor	Uns	affed		With a
Branch Director				Air Operation Director	s Branch	Der	nis Kuste	er	
6.		Reso	urces Assig	gned this Pe	riod	10 (1000) 4 (12.2)			
Strike Team/Task Force/ Designator	Resource	Leader		Last Shift	Number Persons 1	Trans. Needed	Drop O	ff PT./Time	Pick Up PT./Time
						****		- 4-8-	
: 									
							•		
		<del></del>							
7. Control Operations	L				<u> </u>		<u> </u>		
:									
Special Instructions		· · · · · · · · · · · · · · · · · · ·			-				
<u>.</u>									
9.		Division //	roup Com	nmunication	Summan	į.			
Function	Frequency		nannel	Function		Freque	ency	System	Channel
Command	RX 168.0750	CMD	1	Alterno	ite	RX 162	.1875	CMD	5
	TX 170.4250	1 To	ne 3	Commo	II ICI	TX 172		5	Tone 3
Tactical Division/Group				Air to Gro	ound	RX 171 TX 171		A/G CMD	13
Prepared by (Resource Unit	Leader)	Approve	d by (Planning	g Section Chief	)		Date		Time
D. Miller			KO-	_ Ps	c (+)		9/3/2	2013	20:23

#### 2. Division/Group 1 Branch DIVISION ASSIGNMENT LIST B/C - Butler 4. Operational Period DAY OPERATIONS 3. Incident Name **Forks Complex** Time: 0600-1800 Date: 09/04/2013 Operations Personnel Grea Jewers / Heather Munn (t) Division/Group Supervisor Rick Young / Eric Petterson (t) Operations Chief Air Operations Branch Dennis Kuster **Branch Director** Resources Assigned this Period Pick Up Number Trans. Strike Team/Task Force/ Resource Drop Off PT./Time Last Shift Leader PT./Time Persons Needed Designator DP-30 / 0700 1800 9/13 23 HC2IA Iron Mt. (C-26) Rob Allen DP-30 / 0700 1800 9/12 20 N Jimmy Ramirez HC2IA Firestorm #6 1800 DP-30 / 0700 9/7 3 Ν Paula Holter ENG6 Mt. Adams (E-339) DP-30 / 0700 1800 9/7 3 Ν **Telly Martinez** ENG6 Grayback #19 (E-365) DP-30 / 0700 1800 3 Ν 9/7 Adham Rowley ENG6 Inbound (E-366) 1800 DP-30 / 0700 3 Ν 9/7 ENG6 Eagle Cap (E-217) Jeff Perry DP-30 / 0700 1800 3 9/9 Ν ENG6 A-Team (E-219) Schin Haakenson 1800 DP-30 / 0700 9/17 2 Ν Dwavne Moore / Harley Tyrie CHIP Diamond Fire (E-33) 1800 DP-30 / 0700 1 Ν 9/9 Tom Glakeler WT2 Glakeler (E-98) DP-30 / 0700 1800 9/8 1 Ν Jason Peters WT2 Lee Traynham (E-96) 1800 DP-30 / 0700 1 Ν 9/15 Nicholas Linfoot / Chris Ware HECM (O-250/251) 1800 DP-30 / 0700 9/12 1 Ν Shelby Charley SOF2 (O-132.5) 1800 DP-30 / 0700 Ν 9/14 1 Joel Vervelde FEMP (O-216) DP-30 / 0700 1800 1 Ν 9/14 Carlos Marin FEMP (O-215) 1800 DP-30 / 0700 Ν 9/4 1 Phil Tripp Heritage Consultant (O-255) 1800 DP-30 / 0700 Ν 9/15 Joe Svinarich **READ (O-246)**

## 7. Control Operations

- 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

- 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.

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
oared by (Resource	Unit Leader)		Approved by (Plannin		Date		Time
Miller	2		CHO-	PS< (4)	9/3	/2013	20:23

DIVISION	ASSIGNME	NT LIST	1. Branch			2. Div	ision/Group <b>D - Butle</b>	r T
3. Incident Name			4. Operati	onal Period		D/	AY OPERATIONS	
Forks	Compl	ex	Date:	09/04/2013			Time: 0600	-1800
5.	2.2			is Personnel				
Operations Chief	Rick You	ung / Eric Petterso	n (t)	Division/Group	o Superviso	or Cas	ey Boespflug	
Branch Director				Air Operation Director	s Branch	Der	nnis Kuster	
6		Reso	urces Assi	gned this Pe	riod			
Strike Team/Task Force/ F Designator		Leader		Last Shift	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
HC2 North Pacific (C-6	9)	William Hughes		9/7	20	N	DP-32 / 0700	1800
DOZ2 w/LOWB Tickner	•	Gary Tickner		9/16	2	N	DP-32 / 0700	1800
EXCA North River (E-22		Bill Parry		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 / Evar	n 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
f								
7. Control Operations								

Continue repair operations

## 8. Special Instructions

- 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.

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
repared by (Resource	Unit Leader)	A	pproved by (Plannir	ng Section Chief)	Date		Time
Duane Miller	Z		MO	PS< (+)	9/3	/2013	21:18

#### 1. Branch 2. Division/Group **DIVISION ASSIGNMENT LIST** G/H/K - Butler 4. Operational Period **DAY OPERATIONS** 3. Incident Name Forks Complex Time: Date: 0600-1800 09/04/2013 Operations Personnel 5. Division/Group Supervisor Heather McRae Rick Young / Eric Petterson Operations Chief Air Operations Branch Dennis Kuster **Branch Director** Director Resources Assigned this Period 6. Number Trans. Pick Up Strike Team/Task Force/ Resource Last Shift Drop Off PT./Time Leader PT./Time Needed Persons Designator DP-44 / 0700 9/14 1800 9 Ν Jason Thivener WFM Saguaro (O-219) DP-44 / 0700 1800 9/13 10 Ν Erik Blankenship WFM Mt Hebron (O-245) DP-44 / 0700 1800 Ν Charles Frank 9/12 1 SOF2 (O-227) 1800 DP-44 / 0700 9/12 1 Ν Jody Hughes FEMP (O-196) 1800 DP-44 / 0700 Ν 9/12 1 Dave Bianco FEMP (O-195) DP-44 / 0700 1800 2 Ν 9/12 **REM Team (O-200)** Bryan Hagan

#### 7. Control Operations

- 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

- 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.

		Di	vision/Group Con	nmunication Summo	ıry		
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	6 Tone 3	Air to Ground	RX 171.5375 TX 171.5375	A/G CMD	13
repared by (Resource	Unit Leader)		Approved by (Plannir	ng Section Chief)	Date		Time
D. Miller			20_	PSC (+)	9/3,	/2013	21:44

DIVISION AS	SSIGNMENT L	IST		1. Branch			2. Div	vision/Group	<b>Z - Sa</b> l	lmon
3. Incident Name				4. Operati	onal Period		D.	AY OPER	RATIONS	
Forks (	Complex			Date: (	09/04/2013			Tìr	<sup>me:</sup> 060	00-1800
5.			(	)peration	s Personnel				r.	
Operations Chief	Rick Young		***************************************		Division/Grou	p Superviso	or Ste	ve Rayn	ner / Ma	tt Lynde (t)
Branch Director					Air Operation Director	s Branch	Dei	nnis Kust	er	
6.		281.172	Resou	urces Assi	gned this Pe	riod				The strain of th
Strike Team/Task Force/ Re Designator	source	Le	eader		Last Shift	Number Persons	Trans. Needed	Drop C	Off PT./Time	Pick Up PT./Time
HC1 Feather River IHC (	C-66) Ro	bert Daniel	ls		9/5	20	N	DP2	2 / 0700	1800
HC2IA Mountaineers (C-		n Wesley			9/12	20	N	DP2	/ 0700	1800
ENG6 Young Logging (E		eve Rhea	_		9/4	3	N	DP2	2 / 0700	1800
ENG6 CBD #7601 (E-221		y Flora			9/4	3	N	DP2	2 / 0700	1800
ENG6 Chewack (E-74)		red Hodgsc	on		9/6	3	N	DP2	2 / 0700	1800
TFLD (O-75)		atthew Lam		<del></del>	9/10	1	N	DP2	2 / 0700	1800
FEMP (O-212)	Pc	trick Burton	<u> </u>	<del></del>	9/14	1	N	DP2	2 / 0700	1800
READ (O-140)	Te	rrah Owens	5		9/4	1	N	DP2	2 / 0700	1800
READ (O-247)	Ste	ephanie Co	aballe	ero (t)	9/15	1	N	DP2	2 / 0700	1800
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<ul><li>7. Control Operations</li><li>Mop up to an operations</li></ul>	ontimal acal	of 300' whe	ere a	complish	ment does	not ieon	ardize p	ersonnel	safetv.	
Continue repair		01 000 WIIC	ore at	COMPIISI	inoni doos	1.01 1000	G1 G120 P	0.001	54.5.7.	-
	1									
8. Special Instructions		A117			`					
<ul><li>Coordinate wit</li><li>Backhaul all ho</li></ul>	h READS and	DIVS to im	plem	ent suppr	ession repai	r plan in	Division	R. Foumbs h	seina left	out on Division
Racknaul all no	se, pumps, c	iner excess	s equ	рпепа	na irasn. ia	or may loc	Janon	pomps t	Jeli ig ien	OOI OII DIVISIOI
									rmn///m é h hassauauauau	
9.	The second second	Divisi	on/G	roup Cor	nmunicatior	summe	iry		ia propins	
Function F	requency	System	Ch	annel	Function	on	Frequ	Jency	System	Channel
	(168.0750 170.4250	CMD 1	To	1 one 3	Alterno Comm	STATE OF STREET STATE OF STATE		2.1875 2.5500	CMD 5	5 Tone 3
EXCHANGES MONTH TRAINING TO CONTRACT TO CO	( 167.1125 ( 167.1125	TAC 6		11 one 3	Air to Gr	ound		1.5375 1.5375	A/G CMD	13
Prepared by (Resource Unit Le	eader)	Ap	proved	d by (Plannii	ng Section Chie	f)		Date	•	Time
D. Miller		(	()	2	_ Psc	(+)		0/3	/2013	20:23

1. Branch 2. Division/Group **DIVISION ASSIGNMENT LIST Road Group** 3. Incident Name 4. Operational Period **DAY OPERATIONS Forks Complex** Time: Date: 0600-1800 09/04/2013 5. **Operations Personnel** Division/Group Supervisor John Fell Rick Young Operations Chief Air Operations Branch Dennis Kuster **Branch Director** Director Resources Assigned this Period 6. Number Trans. Pick Up Strike Team/Task Force/ Resource Last Shift Leader Drop Off PT./Time PT./Time Needed Designator Persons **BUTLER** GRD1 w/LOWB Darrah #779 Keith Darrah Sr. 9/15 Ν DP2 / 0700 1800 1 (E-17)**Chris Petetit** 9/15 1 Ν DP2 / 0700 1800 WT2 Lee Traynham (E-101) 1 DP2 / 0700 1800 WT2 Ken's (E-79) Joe Terry 9/14 Ν 9/15 1 Ν DP2 / 0700 1800 WT2 Darrah (E-7) Wayne Verag 9/17 1 Ν DP2 / 0700 1800 James Goldie WT2 Cattlelack (E-77) DP2 / 0700 1800 Stan Drawyer 9/10 1 Ν PUMP (E-268) 9/5 1 Ν DP2 / 0700 1800 Cheryl Bales EQPM (O-52) SALMON GRADER w/LOWB Johnson DP2 / 0700 1800 Jack Hottendorf 9/14 2 Ν (E-58)DP2 / 0700 1800 Tom White 9/17 1 Ν WT2 White Logging (E-12) DP2 / 0700 1800 9/11 1 Ν WT2 Johnson (E-13) Matt Johnson DP2 / 0700 1800 1 Jason Beaubouef 9/8 Ν EQPM (O-168) DP2 / 0700 1800 1 9/6 Ν EQPM (O-149) Keith Beatty 7. Control Operations Maintain roads within Fire Perimeter 8. Special Instructions Overhead fill pump available behind Forks ICP at Salmon River. All relief drivers must check-in

9.		Div	ision/Group Cor	nmunication Summe	ary		
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 Chan	ınel assigr	ned to Division	Aīr to Ground	RX 171.5375 TX 171.5375	A/G CMD	13
Prepared by (Resource	Unit Leader)		Approved by (Plannir	ng Section Chief)	Date		Time
D. Miller	>		Slow	PSC (4)	9/3,	/2013	21:45

				,					
INCIDEN	INCIDENT RADIO COMMUNICATIONS PLAN	NICATIONS PLAN	Incident Name FORKS COMPLEX	MPLEX		Date/Time Prepared 09/03/13 15	e/Time Prepared 09/03/13 1545 HRS.	35.	Operational Period Date/Time DAY SHIFT 09/04/13 0600-1800
Only	frequencies listed on	this 205 are authorize	Only frequencies listed on this 205 are authorized for use on this incident.	Hand progr	rammers	accept all re	Migisuods	lly for t	Hand programmers accept all responsibility for the use of unauthorized frequencies.
* Ch	Function	Channel Name	Assignment	RX Freq N or W	RX Tone T	RX Tone TX Freq N or W	TX Tone	Mode	Remarks
-	COMMAND	CMD 1	ORLEANS LO	168.0750 N		170.4250 N	Tone 3 131.8	4	MAIN BODY OF FIRE
8	COMMAND	CMD 2	96 / 93 TRAVEL	170.4125 N		165.9625 N	Tone 3 131.8	4	TRAVEL ON 96 AND 93
ю	COMMAND	CMD 3	UNASSIGN	163.0375 N		170.0250 N	Tone 3 131.8	∢	OUT OF SERVICE
4	COMMAND	CMD 4	ETNA / HELIBASE	164.7750 N		170.4625 N	Tone 3 131.8	ď	ETNA SUMMIT
5	COMMAND	CMD 5	ICP / Alt CMD	162.1875 N		172.5500 N	Tone 3 131.8	∢	BLUE RIDGE
9	TACTICAL	TAC 1	DIV G/H/K	166.7250 N		166.7250 N	Tone 3 131.8	∢	NIFC TAC 5
7	TACTICAL	TAC 2	DIV B/C	168.0500 N		168.0500 N		⋖	NIFC TAC 1
8	TACTICAL	TAC 3	UNASSIGN	168.2000 N		168.2000 N		∢	NIFC TAC 2
6	TACTICAL	TAC 4	UNASSIGN	168.6000 N		168.6000 N		∢	NIFC TAC 3
10	TACTICAL	TAC 5	DIVD	166.5500 N		166.5500 N	Tone 3 131.8	4	R5 TAC 4
1	TACTICAL	TAC 6	DIVR/T/Z	167.1125 N		167.1125 N	Tone 3 131.8	٨	R5 TAC 5
12			INACTIVE					⋖	INACTIVE
13	AIR TO GROUND	A / G CMD	Air to Ground	171.5375 N		171.5375 N		4	AIR TO GROUND COMMAND
41			INACTIVE					⋖	INACTIVE
15	MEDIVAC	CALCORD	MEDICAL TACTICAL	156.0750 N		156.0750 N	Tone 6 156.7	4	MEDIVAC AIR COORDINATION
16	URGENT AIR CONTACT	AIRGUARD	ALL DIVISIONS	168.6250 N		168.6250 N	Tone 1 110.9	⋖ .	USE ONLY FOR URGENT AIRCRAFT CONTACT
Prepared by				_	ncident Location	cation			

DON STONER COML NORCAL II

FORKS OF THE SALMON LAT: N 41 15.512 LONG W 123 19.668 ELEV, 1249 ft

ROADS: Use tactical channel in assigned division

ICS 205 MODE: A - ANOLOG, D - DIGITAL

			American Manager			Date/Time Prepared	ared		Operational Period Date/Time
INCIDE	INCIDENT RADIO COMMUNICATIONS PLAN	NICATIONS PLAN	FORKS COMPLEX IA Group	X IA Group	•	09/03/13	09/03/13 1457 HRS.		DAY 09/04/13 0600-1800
VINO	frequencies listed on	this 205 are authorize	Only frequencies listed on this 205 are authorized for use on this incident:	Hand prog	rammers	accept all re	sponsibili	y for #	Hand programmers accept all responsibility for the use of unauthorized frequencies.
៖ 5	Function	Channel Name		RX Freq N or W	RX Tone T)	RX Tone TX Freq N or W	TX Tone	Mode	Remarks
			ALL TONES IN THIS G	N THIS GROUP ARE USER SELECTED	JSER SEI	ECTED			
-	KNF DISPATCH	KNA	FOREST OPS	164.1750N		164.9750N	9	⋖	ROUTINE TRAFFIC, T5 ORLEANS PK
2	KNF IA DISPATCH	KNF SAM	I / A RESOURCES	171.50000N		172.4000N	90	⋖	TONES 5,6
က	KNF DISPATCH	KNF RIVER	FOREST OPS	172.2500 N		171.550 N	90	∢	TONES 2, 7 OR 10
4	SRF DISPATCH	SRF	FOREST OPS	168.7250N		170.1250N	90	4	TONES 5,6,7 AND 13
2	HOOPA FIRE RPT	HIA	AS NEEDED	155.3850N		150.8050N	90	∢	TONE 6
9	SISKIYOU	SKU-L 1	SKU OPS	151.3250 N		159.3600 N	99	∢	TONE 6
7	HUMBOLT	HUU OPS	OPERATIONS	151.2500 N		159.4050 N	93	A	TONE 11&13
8	NIFC TAC 1	NIFC TC1	I/A TAC	168.0500 N		168.0500 N		4	
6	NIFC TAC 2	NIFC TC2	1/A TAC	168.2000 N		168.2000 N		4	
10	NIFC TAC 3	NIFC TC3	1/ATAC	168.6000 N		168.6000 N		4	
=	FS AIR / GND PRI	FS A/G PRI	ALL DIVISIONS	167.6000 N		167.6000 N		∢	
12	FS AIR / GND SEC	FS A/G SEC	ALL DIVISIONS	166.8750 N		166.8750 N		∢	
13	UNASSIGNED								UNASSIGNED
4	AIR TO GROUND	CDF A / G	AS NEEDED	151.2200 N		151.2200 N		4	
15	MEDICAL	CALCORD	MEDICAL TACTICAL	156.0750 N		156.0750 N	T6 156.7	∢	
16	URGENT AIR	AIRGUARD	ALL DIVISIONS	168.6250 N		168.6250 N	T1 110.9	⋖	USE ONLY FOR URGENT AIRCRAFT CONTACT
Prepared by					Incident Location MODE: A – A	incident Location MODE: A - ANOLOG, D - DIGITAL	O - DIGITAL		
DON STO	DON STONER COML NORCAL 2				FORKS	OF THE SALM	ON LAT: N	41 15.5	FORKS OF THE SALMON LAT: N 41 15.512 LONG W 123 19.668 ELEV, 1249 ff
200 301									

MEDICAL PLAN								OPERATIONAL PERIOD 09/04/13 0600-1800				
MEDIO/(E   E/(II)	PLEX 09/03/2013 1700  NT MEDICAL AID STATIONS							PARAN				
ALEDIOAL AID CTA		AT MEDI	JAL AID S	STATIONS		ATION					YES	NO
MEDICAL AID STA	IIUNS	ICP									X X	
FEMP Bianco & Hughes		Div G/H or as directed by safety and operations									Х	
FEMP Marin & VerVelde						operations			-		Х	
FEMP Quadros & Russell				ed by safe							Х	
FEMP Burton						d operations					Х	
REM 1 Hagan, Houtman			ed by safe							Х		
Tayan, Hoddhan	6. TRANSPORTATION							-1				
	A. Al	************************	CE (GROU								PARA	MEDIC
NAME			LOC	ATION			PHO	NE			YES	NO
Arcata 4	<u> </u>	ICP					Use con	nmano	i		Х	
7 (Todia 4	В	AMBUL	ANCE (All	₹)							PARA	VIEDIC
NAME					LOC	ATION					YES	NO
Kern County 408 Hoist Capable 300' NVG Capable			Willow Creek Airport								Х	
CalFire 102- (Hoist) Daylight hrs or	Kneeland, CA										Х	
REACH- (Non-Hoist)	3775 Flight Ave, Redding, CA 96003								Х			
PHI Air Medical – (Non-Hoist) NVC	1524 East St. Redding, CA 96001								Х			
F0.25			7. HO	SPITALS								
NAME	ADDRESS		TRAVE	LTIME	P	HONE	TRAI	JMA	HEL	IPAD		CENTER
			AIR	GRND			Yes	No	YES	NO	YES	NO
St. Joseph Hospital	2700 Dolbeer Eureka, N 40 47.08 / W 124 8.		20min	2.5 H	(707) 44	45-8121 #2		Х	Х			Х
Fairchild Medical Center				2.5 H	(530) 84	41-6292		Х	Х			Х
Mercy Medical Center 21 Level II	75 Rosaline Ave, Redd N 40 34.32 / W 122 23		50min	3 H	(530) 22	25-7201	Х		Х			Х
	15 Stockton Blvd. Sacra N 38 33.29' / W121 27	amento	50min	6.5 H	(916) 7	34-3790	Х		X		Х	
			AL EMER	GENCY P	ROCEDU	IRES						

## LINE EMERGENCY

Crew Supervisor to contact Division Supervisor with complaint and location. Refer to injury protocol on the back of the 206.

- 1) DIVS contacts:
  - Line EMT (If available)
  - Communications Unit
  - Operations / Branch
- 2) On scene DIVS, EMT, and Medical Unit Leader decide mode of transportation required.
- 3) Operations and Medical Unit will manage medical emergency with Communications.

If a Medical/Medivac is needed be sure to Know the lat. and long. of the closest helispot

9. PREPARED BY (MEDICAL UNIT LEADER)
Jennifer Kraushaar, Patrick Young (T)

## **CAMP EMERGENCY**

Notify Forks Communications of Camp Emergency. Refer to injury protocol on the back of the 206.

Minor Injuries or illnesses

 Seek Aid directly at the Frontline Medical Unit, report all injuries or illnesses to supervisor

Moderate to Severe Injuries or Illnesses

- Contact Communications directly
- Forks Communication will activate the EMS system
- Forks Communication will notify Safety
- Do not give name over Radio Communications

10. REVIEWED BY (SAFETY OFFICER – SOF2) Steve Davis

## **Injury or Incident Communications Protocol**

Time:	Date:		_ 0	n Scene POC:					
Declare: Medical En	nergency	or No	n-Emerge	ncy Medical					
Number of injured:_		Туре	of injury:_						
Patient Location:	Lat:		Long:	Elevation:					
Best transport meth	od: (see matrix below	) <u>Air Ambul</u>	ance Am	bulance <u>Helicopter</u> <u>Vehicle</u>					
Any special equipme	ent required: (SKED,	Wheeled St	okes, Bac	kboard, etc.)					
Closest pick up poir	nt (DP, Helispot)								
LOC	Resp	Pulse	BP	Weight					
Medical History/Allergies									
On Scene Medic:	On Scene Medic:								
<u>-</u>			with Ai- /	mbulance on Cal-Cord (Ch: 15					

# Air Transportation Triage Coordinate with Air Ambulance on Cal-Cord (Ch: 15) Air Ambulance Ground Transport

	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 <u>or</u> 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: 09/04/2013 Day Shift

## **SAFETY MESSAGE**

## "TAKE YOUR TIME TO DO IT SAFELY"

- Use time wisely to focus on safety issues, there is <u>NOTHING</u> that is more important.
- Do not let a sense of urgency, or the hazardous mindsets of "impulsiveness" or "mission fixation" compromise your safety.
- Any time spent planning for safety will pay dividends in the end.

## MAJOR HAZARDS AND RISKS

STEEP TERRAIN	ROLLING MATERIAL	HEAVY EQUIPMENT
COMPLACENY	RATTLESNAKES	SNAGS
FATIGUE	DEHYDRATION	MARIJUANA GROWS
SPOT FIRES	BUCKET DROPS	STUMP HOLES

Be sure all elements of your safety	plan are in place prior to engagement
Cumulative Fatigue	Complacency
Maintaining peek performance requires that you take good care of your body.  Get the appropriate amount of rest. Manage your off time to get as much sleep as possible.	Don't let boredom lead to complacency.  Remain focused on the task at hand and alert at all times for changing conditions.
Proper Nutrition and hydration is critical to managing fatigue.	It is easy to fall into a routine and lose sight of all that is around us.

Nor Cal Team 2 Safety Officers Terry O'Connell, Shelby Charley, Steve Davis SOF2

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

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / RE	MEDIES					
ALL	DRIVING HAZARDS	<ul> <li>Narrow dusty roads exist.</li> <li>Establish one-way traffic or coordinate traffic flow if necessary.</li> <li>Drive defensively! Expect the unexpected around every curve.</li> <li>Drive with headlights on; use chock blocks, keep windshields clean; look before backing; and use backers whenever available.</li> <li>Don't drive when fatigued. Adhere to agency driving regulations and guidelines.</li> <li>Use care when traveling on Highways 96, 93 and Sawyers Bar Road.</li> </ul>						
ALĹ	HAZARD TREES AND SNAGS	<ul> <li>Scout work area for overhead hazards to ensure safe work a</li> <li>Identify and communicate hazard to personnel. Mitigate usir</li> <li>Re-assess the need to eliminate the hazard by felling if it is</li> <li>If unable to mitigate hazard, Flag Off area, communicate to</li> </ul>	areas. ng qualified personnel only. feasible to keep personnel away. he location & keep personnel awa					
ALL	CUMMULATIVE FATIGUE	<ul> <li>Monitor crews for signs of fatigue: poor decision making, ea awareness.</li> <li>Ensure you &amp; your crews receive adequate rest, nutrition &amp; drink plenty of fluids and snack often throughout your shift to</li> </ul>	hydration. Take frequent breaks,					
ALL	COMMUNICATIONS	<ul> <li>Share your Situational Awareness (hazards, changes, etc.)</li> <li>Answer questions when asked by others. Ask for intel if and</li> <li>Ensure all personnel are familiar with the incident and IA co</li> </ul>	l when you don't know the plan.					
Salmon River Rd & Sawyers Bar Rd	DEBRIS AND ROCK SLIDES	<ul> <li>Any amount of rain will cause loosening of Soils, Rocks, and</li> <li>Expect debris/rocks in roadways as you travel. Expect the looking your supervisor if you find debris blocking or limiting and</li> </ul>	unexpected around every curve. access on any road.					
ALL	ENVIRONMENTAL HAZARDS	<ul> <li>Keep alert for wildlife, insects, and plants. Watch footing an</li> <li>Keep food out of tents and from around sleeping areas to p</li> <li>Personal hygiene is #1 when it comes to Poison Oak Pr</li> </ul>	revent wildlife night visits.					
ALL.	EXTREMELY STEEP TERRAIN AND ROLLING MATERIAL	<ul> <li>Concentrate on your footing placement; take your time.</li> <li>Ensure adequate spacing between crewmembers so they c</li> <li>Post lookouts to warn of rolling debris. SHOUT out to warn</li> <li>Look Up, Down and Around Frequently.</li> </ul>	others.					
DIV G/H, B/C, T/Z	MOP UP	<ul> <li>Conduct thorough briefing for all personnel (inside rear covered)</li> <li>Use All PPE, including eye protection.</li> <li>Maintain proper spacing and overhead clearance.</li> <li>Be alert for stump holes and root cavities.</li> <li>Minimize exposure to smoke, and rotate personnel into clear</li> <li>Evaluate unburned islands/increase situational awarence.</li> </ul>	an air when practical.					
ALL	HYDRATION	<ul> <li>Pre-hydrate, Re-hydrate to keep from becoming dehydre</li> <li>Dehydration is PREVENTABLE.</li> <li>Be alert for signs of heat illness in yourself and others.</li> <li>Drink 2 to 1 water to sports drinks.</li> </ul>	ated.					
DIV D,R,T,Z	HEAVY EQUIPMENT	<ul> <li>Utilize appropriate PPE and equipment safety mechanisms</li> <li>Maintain safe working distances.</li> <li>Utilize observer or spotter.</li> <li>Ensure the use of effective communication (radio, hand significant properties)</li> </ul>						
DIV B, C, D	CHIPPER OPERATIONS	<ul> <li>Ensure the use of effective communication (radio, hard signed by operators.</li> <li>Only qualified personnel will feed the chipper.</li> <li>Ensure appropriate PPE is used including eye and hearing</li> </ul>						
DIV B, C, D G, H, T, Z	AIRCRAFT OPERATIONS	<ul> <li>Keep personnel out of drop zones when bucket work in pro</li> <li>Use air-to-ground frequency to communicate with aircraft.</li> <li>Use clear, concise statements when directing aircraft. Use perspective.</li> </ul>	ogress. e clock directions from pilot's					
IINCIDENT	NAME: Forks Complex	DATE PREPARED:  September 3, 2013  TIME PREPARED: 1730 HOURS	OPERATIONAL PERIOD Day Shift 09/04/13 0600-1800 Prepared by: S. Davis, S. Charley, T. O'Connell SOF2					

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Prepared Time: 21:30

P **AIR OPERATIONS SUMMARY** 

Prep
Kuster
Dennis
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Frequency: 120.0250 **5. TFR #:** 3/3754 Altitude: 11,000' MSL SUNSET: 1941 SUNRISE: 0643 4. READY ALERT AIRCRAFT MEDEVAC- 502 I.A. -502 END TIME: 2100 START TIME: 0800 Forks Complex
3. REMARKS (Safety Notes, Hazards, Air Operations, Special Equipment, etc.): Avoid no-fly zone over Klamath and Salmon river confluence unless unsafe. Heliwell Coordinates 41' 10.840 123' 22.445 Same as DP 39. 2. OPS PERIOD DATE: 9/4/2013 Beware of rapidly changing VFR conditions due to smoke and Wx Watch for wires in the Salmon river canyon. 1. INCIDENT NAME:

		* 1140110		A 5.4	2	& FIXED-WING- Type/ Make-Model/ N#/ Base
6. PERSONNEL	NAME	THOSE #	7. PREMOENVIES	i i		
	Dannis Kuster	209-352-0855	AIR/ AIR FW	120.0250		AIRTANKERS - Order as needed
ACDD	DOING LAGOR	200 000				PAP DI ANITO CALL COLOR DE COLOR DE CALL
SESA	Staci Dickson	530-277-5153	AIR/ AIR RW	132.2750		LEAD PLANES- Order as needed
SOLV			AIR/ AIR RW- FF		163.1500	ATGS AIRCRAFT- Order as needed
ATGS						
ATGS			AIR/ GROUND		171.5375	
3						
חבסיו	loel Torres	530-598-9323	COMMAND		168.0750	
ומטנו	201101	1000000			470 4050 4 9	
Heliwell	Nicholas Linfoot		ጟ		170.4250 1-5	
Scott Valley	Phone	530-468-1294	DECK		163.100	
Helibase		530-468-5495				
Helihase	FAX	530-468-2118	TOLC			
000000000000000000000000000000000000000						OTHER FW AIRCRAFT-

			T										
07:1	AVAIL START REMARKS												
	START											!	
	AVAIL												
	BASE												
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	FAA N#												
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9 HELICOPTERS (Use Additional Sheets as Necessary)	FAA N# T MAKE/ MODEL		Bell 407		Bell 205	010	0/2						:
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Т Ц	FAA N#		H-503	3	H-502		2BT						



# 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

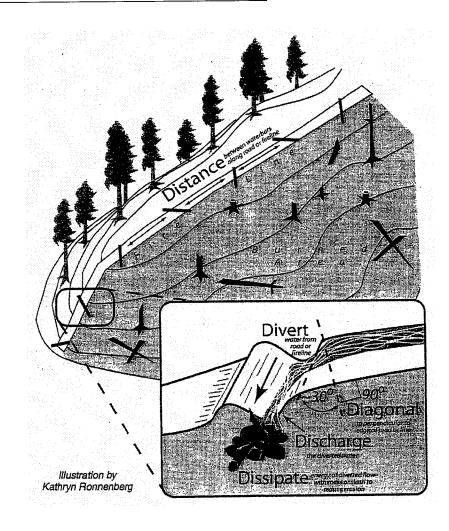
## The 5-D System for Effective Waterbars

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.



## TRAINING SPECIALIST **MESSAGE**

Today, Wednesday, is the final day to open a training documentation package with the Training Specialist.

All "open" training packages must be closed out with the Training Specialist by 1200 Thursday.

Beat the Rush! When as much work has been done in your task book as possible on this assignment, you may close out your training package prior to initiating the demob process! **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.

## 09/04/2013

O-43	(SOF2)	MUNNS, JAMIE MARK
0-99	(PIO2)	BEAVANS, GWEN
0-174	(RADO)	CHRISMER, FRANK
O-363	(DPRO)	HARLAN, SCOTT
O-367	(SCKN)	PADILLA, JUAN C
O-107	(SOFR)	MILLER, RAY E
O-93	(GISS)	MARSH, ANGELA M
O-126	(PIO2)	WAHLERS, DENNIS
O-208	(FEMP)	BLISS, DON
O-209	(FEMP)	GARCIA, MICHAEL
0-213	(FEMP)	FARLEY, JAMES
O-214	(FEMP)	SCHEIGER , RYAN
E-50	(ENG6)	#3062 GONZALEZ
E-94	(WT-2)	ZABEL
E-48	(ENG6)	OREGON WOOD
C-25	(HC2)	CREW-T2IA -ANGORA PARK
C-24	(HC1)	CREW-T1-KLAMATH IHC
C-6	(CC)	CREW-CAMP-GREENWOOD 2

## RYAN **09/05/13**

O-134	(SEC2)	ZAFFARANO, SKY
O-140	(READ)	OWENS, TERRAH M
0-132	(SEC1)	BARTELS, MARY ELIZABETH
E-48	(ENG6)	OREGON WOODS
E-50	(ENG6)	GONZALEZ
E-218	(ENG6)	ENGINE-T6-016-BRUCE YOUN
E-221	(ENG6)	ENGINE-T6-CBD7601

## 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
E-365	(ENG6)	GRAYBACK
C-66	(HC1)	CREW-T1-FEATHER RIVER IHC

UNIT LO		1. Incident Name	2. Date Prepared	3. Time Prepared
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		5. Unit Leader (Name and Position)		6. Operational Period
4. Unit Name / Designators		5. Unit Leader (Name and Position)		o, operation of the control of the c
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9. Prepared by (Nam	e and Position)