

# **Nickowitz**

## **Incident Action Plan**


**Saturday, August 22, 2015**  
**Day Shift 0600 - 2000**



- ✓ **Are the skies clear for a Hoist Medevac?**
  - **If not, what do you have planned?**
  
- ✓ **Are your Escape Routes known?**
  - **If so, are they cleared of vehicles and equipment?**
  
- ✓ **Do you have good Communications with ICP?**
  - **If not, have you set up Human Repeaters to relay messages in case of an Emergency?**

**CA-SRF-001470, P5J0S5 (0510)**  
**Six Rivers National Forest**  
Northern California Incident Management Team 1



INCIDENT OBJECTIVES	1. Incident Name Nickowitz	2. Date 08/21/2015	3. Time 2000									
<b>4. Operational Period</b> August 22, 2015 DAY SHIFT												
<u>CONTROL OBJECTIVES</u> 1) Keep the Nickowitz Fire: <ul style="list-style-type: none"> <li>• South of the 14N02 road.</li> <li>• North and West of the 13N01 road.</li> <li>• Within the Siskiyou Wilderness boundary to the west.</li> </ul> <u>MANAGEMENT OBJECTIVES</u> 1) Utilize a combination of direct and indirect tactics to provide for responder safety while minimizing responder exposure. 2) Engage tribal partners (Karuk and Yurok), agency partners and cooperators in management decisions to ensure timely communication and coordination. 3) Effectively manage cost by implementing strategies and tactics that have a high probability of success. 4) Emphasize operational safety through the Risk Management Process while protecting cultural and resource values and minimizing suppression impacts on the landscape. 5) Keep public informed with current and accurate fire information including all closures to assist in mitigating public safety concerns.  <u>GENERAL SITUATIONAL AWARENESS</u> 1) Keep fire South of 14N02 preventing it from establishing in the 2008 Blue/Siskiyou Incident to avoid long duration, costly fire operations. 2) Keep fire North & West of the 13N01 road to protect a tree plantations and cultural values. 3) Keep fire from spreading west outside of wilderness area & getting established onto state DPA, tribal lands and private timber company lands.												
<b>6. Weather Forecast for Period</b> <ul style="list-style-type: none"> <li>• See attached weather forecast.</li> </ul>												
<b>7. General Safety Message</b> <ul style="list-style-type: none"> <li>• See attached safety messages.</li> </ul>												
<b>8. Attachments (mark if attached)</b>												
<table border="0" style="width: 100%;"> <tr> <td><input checked="" type="checkbox"/> Organization List - ICS 203</td> <td><input checked="" type="checkbox"/> Medical Plan - ICS 206</td> <td><input checked="" type="checkbox"/> Weather</td> </tr> <tr> <td><input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204</td> <td><input checked="" type="checkbox"/> Incident Map</td> <td><input checked="" type="checkbox"/> ICS215a</td> </tr> <tr> <td><input checked="" type="checkbox"/> Communications Plan - ICS 205</td> <td><input checked="" type="checkbox"/> ICS 220</td> <td><input type="checkbox"/> Rehab Considerations</td> </tr> </table>				<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> Weather	<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Incident Map	<input checked="" type="checkbox"/> ICS215a	<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input checked="" type="checkbox"/> ICS 220	<input type="checkbox"/> Rehab Considerations
<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> Weather										
<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Incident Map	<input checked="" type="checkbox"/> ICS215a										
<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input checked="" type="checkbox"/> ICS 220	<input type="checkbox"/> Rehab Considerations										
<b>9. Prepared by (Planning Section Chief)</b> Walter Herzog		<b>10. Approved by (Incident Commander)</b> Jay Kurth 										

ORGANIZATION ASSIGNMENT LIST				
1. Incident Name		Facilities Unit	Frank DelCarlo, Jeff Huhtala, Richard Crowther (t)	
<b>Nickowitz</b>		Ground Support Unit	Harry Zabel, Mike Jellison, Kristen Lark (t)	
2. Date	3. Time	Communications Unit	Rick Cartoscelli, Harold Reed (t)	
August 21, 2015	2000	Medical Unit	Josh Ramey, Clayton Thomas	
4. Operational Period		Receiving & Distribution	Fred Johnson, Dion Nugent (t)	
<b>Day Shift August 22, 2015</b>		Security Manager	Mike Turner	
Position	Name		Food Unit	Jay Westlake, Mark McGuinness (t)
5. Incident Commander and Staff			Equipment Manager	Mona Lake
Incident Commander	Jay Kurth		9. Operations Section	
Deputy	Kent Swartzlander		Day Operations	Curt Lindstrand, Don Fregulia (t)
Incident Commander (t)	Curtis Coots (t)		Night Operations	Alec Lane
Safety Officer	Michele Tanzi, Jeff Barnhart, Jim Mackenson		Planning Ops	Dustan Mueller
Information Officer	Phyllis Swanson, Barbara Rebiskie, Jane Laboa		a. Division/Groups - Day	
Liaison Officer	Kathy Hardy		Division/Group	A/B Thad Chavez
Human Resources			Division/Group	C Randy Jennings, Brian Rogers (t)
6. Agency Representative			Division/Group	M Mark Vardenega
Agency Administrator	Merv George		Division/Group	P Jeff Dupras
Agency Admin Rep	Nolan Colegrove		Division/Group	Z Paul Johnson, Ray Dombroski (t)
Karuk Tribal Rep	Bill Tripp		Division/Group	ROADS Mike Jellison, Kristen Lark (t)
Yurok Tribal Rep	Javier Kinney		Division/Group	READS Robert Beltran
Heritage Consultant Coordinator	David Medford		Division/Group	
Yurok Cultural Advisor	Richard Myers		b. Division/Groups - Night	
Lead READ	Roberto Beltran		Division/Group	B/C Mike Klimek
Heritage Resource Advisor	Alyson Kral		Division/Group	A/Z Craig Robertson
			Division/Group	
			Division/Group	
			Division/Group	
			Division/Group	
			Division/Group	
			Division/Group	
7. Planning Section			c. Air Operations Branch	
Chief	Walter Herzog		Air Operations Branch Director	Glenn Dietz
Deputy	Dave Sinclear		Air Attack Supervisor	Rico Gonzalez
Resources / Demob / Documentation / Status-Check-in Unit	Rita Mustafia Gary Deboi, Tanya Costello (t), Alan Taylor (t)		Air Support Supervisor	Steve Beall
Situation Unit	Tim Ritchey, Stephen Schumacher (t)		Helicopter Coordinator	
Training	Dominic Panno		Air Tanker Coordinator	
CTSP	George Steel		10. Finance Section	
GISS	Matt Dickinson, James Gonzalez, Amaria Crocoll (t)		Chief	Lois Charlton, Wendy McCartney (t)
FBAN	John Wood		Time Unit	
IMET	Joe Goudsward		Cost Unit	Kenny Lucien
8. Logistics Section			Compensation/Claims Unit	Debbie McIntosh
Chief	Ken Kumpe		Equipment Time	Veronica Rasmussen, Lou Ann Charbonnier
Deputy	Brett Shurr		Prepared by (Resource Unit Leader)	
Supply Unit	Richard Sheets, Dave Alicea (t)		Tanya Costello (t)	
Ordering	Ron Pierce		Approved by (Planning Section Chief)	
			Walter Herzog	

<b>DIVISION ASSIGNMENT LIST</b>		1. Branch		2. Division/Group <b>A/B</b>		
3. Incident Name <b>NICKOWITZ FIRE</b>		4. Operational Period Date: <b>August 22, 2015</b> Time: <b>0600- 2000</b>				
5. Operations Personnel						
Operations Chief	<b>CURT LINDSTRAND, DON FREGULIA (t)</b>		Division/Group Supervisor		<b>THAD CHAVEZ</b>	
Planning Ops.	<b>DUSTAN MUELLER</b>		Air Attack Supervisor No.		<b>RICO GONZALEZ</b>	
6. Resources Assigned this Period						
Strike Team/Task Force/ Resource Designator	Leader	LWD	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
HC2IA KARUK #1 C-10	TAYLOR SUPER	8/25	20	N	0700	2000
ENG3 GRAND RONDE #111 E-3	ANDREW PUERINI	8/22	3	N	0700	2000
ENG3 GRAND RONDE #113 E-4	JEREMY OJUA	8/31	3	N	0700	2000
ENG3 GRAND RONDE #112 E-5	GABRIEL CLIFT	8/31	3	N	0700	2000
ENG4 ROC-N-R E-23	JIM LASALLE	9/2	3	N	0700	2000
ENG4 LITTLETON #741 E-76	BRANDON BOLE	8/26	4	N	0700	2000
ENG6 WHITEHEAD #01 E-30	MISTY HADERMANN	8/29	3	N	0700	2000
ENG6 FIRESTORM 9910 E-114	ANDREW WINES	9/1	3	N	0700	2000
WT2 WHITE LOGGING E-92	TOM WHITE	8/29	1	N	0700	2000
CHIP SKYLINE E-27	SEAN BALDIVID	9/3	2	N	0700	2000
EXCAVATOR WALBERG E-99	ANDREW BOLAYOG	9/3	1	N	0700	2000
STEN O-60	HARRIS STONER	8/26	1	N	0700	2000
FEMP O-126	BILL CLARK	8/24	1	N	0700	2000
FEMP O-127	TYE DINGMAN	8/24	1	N	0700	2000
SOF2 O-88.56 (Share w/ all DIVS)	JEFF BARNHART	8/28	1	N	1200	0200
SOF2 O-71 (Share w/ DIV Z)	JASON JONES	8/26	1	N	0700	2000
7. Control Operations Hold and patrol existing lines. Mop up where safe to do so.						
8. Special Instructions: Implement stage 1 suppression repair. Back haul trash and supplies. Incident ambulance staged in DP-6 area. Water sources- Utilize Hines Creek draft site. Bean Camp draft site for Roads Group use only. When drafting from Bean Camp, complete water use log. Avoid areas with red/white flagging.						
9. Division Group Communication Summary						
Function	Channel	Channel Name	RX Frequency N/W	RX Tone	TX Frequency N/W	TX Tone
Command	1	NIFC C10	170.4125N		165.9625N	127.3
Command	2	NIFC C12	170.0375N		167.3250N	127.3
Tactical	4	NIFC T5	166.7250N	127.3	166.7250N	127.3
A/G Command	9	A/G CMD	164.8625N		164.8625N	
A/G Tactical	10	A/G TAC	169.8250N		169.8250N	
Prepared by (Resource Unit Leader) Tanya Costello (t)		Approved by (Planning Section Chief) Walter Herzog			Date August 21, 2015	

<b>DIVISION ASSIGNMENT LIST</b>		1. Branch		2. Division/Group <b>C 1 of 2</b>			
3. Incident Name <b>NICKOWITZ FIRE</b>		4. Operational Period Date: August 22, 2015      Time: 0600- 2000					
5. Operations Personnel							
Operations Chief	CURT LINDSTRAND, DON FREGULIA (t)		Division/Group Supervisor		RANDY JENNINGS, BRIAN ROGERS (t)		
Planning Ops.	DUSTAN MUELLER		Air Attack Supervisor		RICO GONZALEZ		
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader		LWD	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
HCI MODOC IHC C-7	WILLIE ALMOND		8/22	19	N	0700	2000
ENG3 S/T 4177C E-104	DAVID INGRUM, JEFF NEUSOMBOM (t)		8/26	18	N	0700	2000
ENG3 S/T 3660 C E-85	CLAYTON BECK		8/26	26	N	0700	2000
ENG6 ARVADA FPD 58 E-75	TODD WEILER		8/26	3	N	0700	2000
DO22 JB LOGGING E-68	MONTE HEART		8/27	1	N	0700	2000
MAST MULCHER #1 E-36	KEN WILLARD		8/23	2	N	0700	2000
WT1 HAYES EQUIPMENT E-89	JOE PEARCE		8/28	2	N	0700	2000
WT2 KEN'S WATER TENDER E-88	ANTHONY KNIGHT		8/27	1	N	0700	2000
WT1 LENAHAN E-108	TRISTAN HUEGEL		8/31	1	N	0700	2000
WT2 PETERS E-109	CODY WELDON		8/31	1	N	0700	2000
WT2 H&S E-110	HAROLD SHUMAN		8/31	1	N	0700	2000
WT1 R. BROWN E-113	STEVE DYE		8/31	1	N	0700	2000
WT2 PETER'S ENT. E-106	JESSE MORTON		8/31	1	N	0700	2000
WT1 CATTLELACK RANCH E-129	ERIC HEAD		8/30	1	N	0700	2000
FAL1 DOUG MCKELLER'S TREE O-33	TROY BENEKE		8/22	2	N	0700	2000
7. Control Operations Construct indirect control line along road 13N01. Prepare for burnout operations as directed OPS.							
8. Special Instructions: Back haul trash and excess supplies. Incident ambulance staged in DP-6 area. READs / Heritage Consultants will monitor dozer operations. Avoid areas with red/white flagging. Water sources- Use Bluff Creek and North Bridge Dip Sites. Utilize MIST whenever possible.							
9. Division Group Communication Summary							
Function	Channel	Channel Name	RX Frequency N/W	RX Tone	TX Frequency N/W	TX Tone	
Command	1	NIFC C10	170.4125N		165.9625N	127.3	
Command	2	NIFC C12	170.0375N		167.3250N	127.3	
Tactical	6	R5 TAC5	167.1125N	127.3	167.1125N	127.3	
A/G Command	9	A/G CMD	164.8625N		164.8625N		
A/G Tactical	10	A/G TAC	169.8250N		169.8250N		
Prepared by (Resource Unit Leader) Rita Mustatia		Approved by (Planning Section Chief) Walter Herzog			Date August 21, 2015		

<b>DIVISION ASSIGNMENT LIST</b>			1. Branch		2. Division/Group <b>C 2 of 2</b>		
3. Incident Name <b>NICKOWITZ FIRE</b>			4. Operational Period Date: August 22, 2015 Time: 0600- 2000				
5. Operations Personnel							
Operations Chief	CURT LINDSTRAND, DON FREGULIA (t)		Division/Group Supervisor		RANDY JENNINGS, BRIAN ROGERS (t)		
Planning Ops.	DUSTAN MUELLER		Air Attack Supervisor		RICO GONZALEZ		
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator		Leader	LWD	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
TFLD O-194		BRANDON WOODWARD	8/27	1	N	0700	2000
TFLD (t) O-95		ORLANDO GENAO	8/30	1	N	0700	2000
HEQB O-57		COLBY HILL	8/26	1	N	0700	2000
HEQB O-62		QUINCELL HUBBARD	8/27	1	N	0700	2000
HEQB O-82		ROBERT JONES	8/29	1	N	0700	2000
FEMP O-170 (Share with DIV M)		JASON BEZEMER	8/31	1	N	0700	2000
FEMP O-129 (Share with DIV M)		NICK CHAPIN	8/31	1	N	0700	2000
REMS TEAM O-17 (Share with DIV M)		MIKE MACINNES	8/22	3	N	0700	2000
SOF2 O-88.55 (Share w/ M)		JIM MACKENSEN	8/28	1	N	0700	2000
SOF2 O-88.56 (Share w/ all DIVS)		JEFF BARNHART	8/28	1	N	1200	0200
SOFR (t) O-181 (Share w/ M)		CHRIS WOODS	9/1	1	N	0700	2000
7. Control Operations Construct indirect control line along road 13N01. Prepare for burnout operations as directed OPS.							
8. Special Instructions: Back haul trash and excess supplies. Incident ambulance staged in DP-6 area. READs / Heritage Consultants will monitor dozer operations. Avoid areas with red/white flagging. Water sources- Use Bluff Creek and North Bridge Dip Sites. Utilize MIST whenever possible.							
9. Division Group Communication Summary							
Function	Channel	Channel Name	RX Frequency N/W	RX Tone	TX Frequency N/W	TX Tone	
Command	1	NIFC C10	170.4125N		165.9625N	127.3	
Command	2	NIFC C12	170.0375N		167.3250N	127.3	
Tactical	6	R5 TAC5	167.1125N	127.3	167.1125N	127.3	
A/G Command	9	A/G CMD	164.8625N		164.8625N		
A/G Tactical	10	A/G TAC	169.8250N		169.8250N		
Prepared by (Resource Unit Leader) Rita Mustafia			Approved by (Planning Section Chief) Walter Herzog		Date August 21, 2015		

<b>DIVISION ASSIGNMENT LIST</b>		1. Branch		2. Division/Group <b>M</b>			
3. Incident Name <b>NICKOWITZ FIRE</b>		4. Operational Period Date: August 22, 2015      Time: 0600- 2000					
5. Operations Personnel							
Operations Chief	CURT LINDSTRAND, DON FREGULIA (t)		Division/Group Supervisor		MARK VARDENEGA		
Planning Ops.	DUSTAN MUELLER		Air Attack Supervisor No.		RICO GONZALEZ		
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator		Leader	LWD	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
DOZ 1 R. BROWN CONST. #1 E-25		GARY CARTWRIGHT	8/30	1	N	0700	2000
DOZ1 R. BROWN CONST. #2 E-32 + TRANS		GARY BAUGH	8/22	2	N	0700	2000
MAST MULCHERS #2 E-37		MARK PRICE	8/23	2	N	0700	2000
EXCAVATOR HAT CREEK E-98		KYLE PERE	8/28	1	N	0700	2000
HEQB O-83		PAUL ROGERS	8/29	1	N	0700	2000
SITL (t) O-203		ERIC KRONNER	8/31	1	N	0700	2000
FOBS O-257		BILL KUNTZ	9/2	1	N	0700	2000
FAL1 BR TREE O-34		RON HAMMER	8/22	2	N	0700	2000
FEMP O-170 (Share with DIV C)		JASON BEZEMER	8/31	1	N	0700	2000
FEMP O-129 (Share with DIV C)		NICK CHAPIN	8/31	1	N	0700	2000
REMS TEAM O-17 (Share with DIV C)		MIKE MACINNES	8/22	3	N	0700	2000
SOF2 O-88.55 (Share w/ C DIVS)		JIM MACKENSEN	8/28	1	N	0700	2000
SOFR (t) O-181 (Share w/ C DIVS)		CHRIS WOODS	9/1	1	N	0700	2000
SOF2 O-88.56 (Share w/ all DIVS)		JEFF BARNHART	8/28	1	N	1200	0200
7. Control Operations Scout opportunities for control lines. Be prepared to construct indirect control line as directed by OPS.							
8. Special Instructions:							
9. Division Group Communication Summary							
Function	Channel	Channel Name	RX Frequency N/W	RX Tone	TX Frequency N/W	TX Tone	
Command	1	NIFC C10	170.4125N		165.9625N	127.3	
Command	2	NIFC C12	170.0375N		167.3250N	127.3	
Tactical	7	NIFC T1	168.0500N	127.3	168.0500N	127.3	
A/G Command	9	A/G CMD	164.8625N		164.8625N		
A/G Tactical	10	A/G TAC	169.8250N		169.8250N		
Prepared by (Resource Unit Leader) Tanya Costello(t)		Approved by (Planning Section Chief) Walter Herzog			Date August 21, 2015		





<b>DIVISION ASSIGNMENT LIST</b>		1. Branch		2. Division/Group <b>Z</b>		
3. Incident Name <b>NICKOWITZ FIRE</b>		4. Operational Period Date: <b>August 22, 2015</b> Time: <b>0600- 2000</b>				
5. Operations Personnel						
Operations Chief	CURT LINDSTRAND, DON FREGULIA (t)		Division/Group Supervisor		PAUL JOHNSON, RAY DOMBROSKI (t)	
Planning Ops.	DUSTAN MUELLER		Air Attack Supervisor No.		RICO GONZALEZ	
6. Resources Assigned this Period						
Strike Team/Task Force/ Resource Designator	Leader	LWD	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
HCT2IA KLAMATH IHC C-20	ANDY ZINK	9/1	21	N	0700	2000
HELI CREW 502 A-50	GRAVES / O'SHELL (t)	8/30	10	N	0700	2000
WTS1 ORLEANS THORN E-91	KING	8/27	1	N	0700	2000
WTS2 KEN'S WT E-28	AUGUST McCLAIN	8/25	1	N	0700	2000
WTS2 R. BROWN CONST E-142	DAN COLEMAN	8/27	1	N	0700	2000
TFLD O-101	TERRY WARLICK	8/29	1	N	0700	2000
TFLD (t) O-209	ERIK BORLAUG	9/2	1	N	0700	2000
FAL1 NORTH ZONE FALLERS O-4	ERIC BROWN	8/24	1	N	0700	2000
FAL1 NORTH ZONE FALLERS O-208	ROBERT FREEMAN	9/1	1	N	0700	2000
FEMP O-55	PJ GOETZ	8/25	1	N	0700	2000
FEMT O-195	DAN ZIMMERMAN	8/23	1	N	0700	2000
SOF2 O-88.56 (Share w/ all DIVS)	JEFF BARNHART	8/28	1	N	1200	0200
SOF2 O-71 (Share w/ DIV A/B)	JASON JONES	8/26	1	N	0700	2000
7. Control Operations Hold and improve existing control lines. Prepare for burnout as directed by OPS.						
8. Special Instructions: Back haul trash and excess supplies. Incident ambulance staged in DP-6 area. Avoid areas with red/white flagging. READs / Heritage Consultants will monitor dozer operations. Utilize Hines Creek draft sites as water source. Bean Camp draft site for Roads Group use only. When drafting from Bean Camp, complete water use log. Utilize MIST whenever possible.						
9. Division Group Communication Summary						
Function	Channel	Channel Name	RX Frequency N/W	RX Tone	TX Frequency N/W	TX Tone
Command	1	NIFC C 10	170.4125N		165.9625N	127.3
Command	2	NIFC C 12	170.0375N		167.3250N	127.3
Tactical	5	NIFC T7	168.2500N	127.3	168.2500N	127.3
A/G Command	9	A/G CMD	164.8625N		164.8625N	
A/G Tactical	10	A/G TAC	169.8250N		169.8250N	
Prepared by (Resource Unit Leader) Tanya Costello (†)		Approved by (Planning Section Chief) Walter Herzog			Date August 21, 2015	

<b>DIVISION ASSIGNMENT LIST</b>		1. Branch		2. Division/Group <b>ROADS</b>		
3. Incident Name <b>NICKOWITZ FIRE</b>		4. Operational Period Date: <b>August 22, 2015</b> Time: <b>0600- 2000</b>				
5. Operations Personnel						
Operations Chief	<b>CURT LINDSTRAND, DON FREGULIA (t)</b>		Group Supervisor		<b>MIKE JELLISON, KRISTEN LARK (t)</b>	
Planning Ops.	<b>DUSTAN MUELLER</b>		Air Attack Supervisor No.		<b>RICO GONZALEZ</b>	
6. Resources Assigned this Period						
Strike Team/Task Force/ Resource Designator	Leader	LWD	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
WT1 TT WATER TENDER E-112	KEVIN RICKEY	8/30	1	N	PER GROUP SUP.	PER GROUP SUP.
GRD KEN'S GRADER, INC E-53	ALLEN MULKEY	8/24	1	N	PER GROUP SUP.	PER GROUP SUP.
WT1 TT CONSTRUCTION E-6	CHRIS WILSON	8/30	1	N	PER GROUP SUP.	PER GROUP SUP.
WT1 LENAHAN E-111	CHUCK HUGHES	9/3	1	N	PER GROUP SUP.	PER GROUP SUP.
WT1 ALAN'S E-130	ALAN WHARFF	8/31	1	N	PER GROUP SUP.	PER GROUP SUP.
ECAMPUMP S-135	BUCK MACE	9/1	2	N	PER GROUP SUP.	PER GROUP SUP.
7. Control Operations						
Special Instructions: Roads Group use zone 1 channel 8 and motor logs radio.						
9. Division Group Communication Summary						
Function	Channel	Channel Name	RX Frequency N/W	RX Tone	TX Frequency N/W	TX Tone
Command	1	NIFC C10	170.4125N		165.9625N	127.3
Command	2	NIFC C12	170.0375N		167.3250N	127.3
Tactical						
A/G Command	9	A/G CMD	164.8625N		164.8625N	
A/G Tactical	10	A/G TAC	169.8250N		169.8250N	
Prepared by (Resource Unit Leader) Tanya Costello (t)			Approved by (Planning Section Chief) Walter Herzog		Date August 20, 2015	

<b>DIVISION ASSIGNMENT LIST</b>			1. Branch		2. Division/Group <b>READS</b>	
3. Incident Name <b>NICKOWITZ FIRE</b>			4. Operational Period Date: <b>August 22, 2015</b> Time: <b>0600- 2000</b>			
5. Operations Personnel						
Operations Chief	CURT LINDSTRAND DON FREGULIA (t)		Group Supervisor		ROBERTO BELTRAN (O-7)	
Planning Ops.	DUSTAN MUELLER		Air Attack Supervisor No.		RICO GONZALEZ	
6. Resources Assigned this Period						
Strike Team/Task Force/ Resource Designator	Leader	LWD	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
TRIBAL REP	RICHARD MYERS		1	N	0700	2000
TRIBAL REP O-2	BILL TRIPP		1	N	0700	2000
READ O-41	PATRICK LIESKE	8/24	1	N	0700	2000
READ O-42	JEANNE DAWSON	8/26	1	N	0700	2000
READ O-43	PAUL CLAEYSSSENS	8/23	1	N	0700	2000
ARCH O-47	ALYSON KRAL	9/3	1	N	0700	2000
FOBS O-204	MICHAEL MUCK	8/25	1	N	0700	2000
READ O-56	JOHN HUNTER	8/26	1	N	0700	2000
ARCH O-58	ALEX WATTS-TOBIN	8/25	1	N	0700	2000
READ O-147	PHIL PIERARD	9/3	1	N	0700	2000
HERITAGE CONSULTANT O-202	FRANK DONAHUE	8/30	1	N	0700	2000
7. Control Operations						
Special Instructions: Use appropriate Tactical Channel for each Division. Contact Division Supervisor when entering Division.						
9. Division Group Communication Summary						
Function	Channel	Channel Name	RX Frequency N/W	RX Tone	TX Frequency N/W	TX Tone
Command	1	NIFC C10	170.4125N		165.9625N	127.3
Command	2	NIFC C12	170.0375N		167.3250N	127.3
Tactical						
A/G Command	9	A/G CMD	164.8625N		164.8625N	
A/G Tactical	10	A/G TAC	169.8250N		169.8250N	
Prepared by (Resource Unit Leader) Rita Mustatia			Approved by (Planning Section Chief) Walter Herzog		Date August 21, 2015	



# INCIDENT Weather Forecast



**FORECAST NO: 5**  
**PREDICTION FOR: Day Shift**  
**SHIFT DATE: Saturday 8/21/2015**  
**ISSUED: FRIDAY 8/11/2015 AT 2000**

**NAME OF FIRE: Nickowitz Fire**  
**UNIT: Six Rivers National Forest**  
**SIGNED: /s/ Joe Goudsward**  
**Incident Meteorologist**

**WEATHER DISCUSSION:**

Upper level high pressure will build over the great basin through the weekend while a trough of low pressure moves into the northeast pacific. This will place the area in a predominate southwest flow aloft but in a general offshore flow on the surface. This will result in warm and dry conditions with no rain expected for the next week or so. In addition, winds aloft will be light, resulting in smoke settling in the valleys with the inversion likely not lifting until late in the afternoon. An upper level disturbance will kick out of the pacific trough and cross the area Tuesday. The system may bring some slightly stronger winds but that should be about it.

**WEATHER FORECAST FOR TODAY:**

**WEATHER:** Mostly sunny with areas of smoke  
**TEMPERATURES:** 1800 - 3000 feet: 87 to 92, Over 3000 feet: 82 to 87  
**MINIMUM HUMIDITY:** Ridges: 20 to 24%, Valleys: 16 to 20%  
**RIDGETOP:** East 5 to 10 mph becoming southwest  
**SLOPE/VALLEY:** East 4-8 mph becoming up slope/up valley 2 to 5 mph

**CWR: 0%**

**LAL: 1**

**HAINES INDEX: 4**

**STABILITY / INVERSION:** Inversion breaking by mid to late afternoon.

**WEATHER FORECAST FOR TONIGHT:**

**WEATHER:** Clear with areas of smoke.  
**MINIMUM HUMIDITY:** Ridges: 35 to 45%, Valleys: 75 to 85%  
**TEMPERATURES:** 1800 - 3000 feet: 51 to 54, Over 3000 feet: 54 to 58  
**MAXIMUM HUMIDITY:** Ridges: 51 to 56%; Valleys: 54 to 60%  
**20 FT WINDS:**  
**RIDGETOP:** West 4 to 8 mph, becoming east after midnight.  
**SLOPE/VALLEY:** West 4 to 8 mph, becoming down slope / down valley after midnight.

**CWR: 0%**

**LAL: 1**

**HAINES INDEX: 3**

**WEATHER FORECAST FOR SUNDAY:**

**WEATHER:** Mostly sunny with areas of smoke.  
**TEMPERATURES:** 1800 - 3000 feet: 86 to 91, Over 3000 feet: 81 to 86  
**MINIMUM HUMIDITY:** Ridges: 20 to 24%, Valleys: 16 to 20%  
**20 FT WINDS:**  
**RIDGETOP:** Southwest 4 to 6 mph.  
**SLOPE/VALLEY:** Upslope / up valley 2 to 3 mph becoming west .up slope / up valley 2 to 4 mph.

**CWR: 0%**

**LAL: 1**

**HAINES INDEX: 4**

**STABILITY / INVERSION:** Inversion not breaking until mid to late afternoon.

**EXTENDED FORECAST:** Sunday through Tuesday

**Monday:** Mostly Clear. Lows 55 to 60. Highs 80 to 85. Minimum humidity 15 to 25%. Southwest winds around 5 mph.  
**Tuesday:** Mostly Clear. Lows 55 to 60. Highs 82 to 87. Minimum humidity 15 to 25%. West winds around 10 mph.  
**Wednesday:** Mostly Clear. Lows 53 to 58. Highs 80 to 85. Minimum humidity 15 to 25%. Northwest around 5 mph.

# FIRE BEHAVIOR FORECAST

<b>FORECAST NUMBER:</b> 13	<b>TYPE OF FIRE:</b> Wildland Fire
<b>FIRE NAME:</b> Nickowitz	<b>OPERATIONAL PERIOD:</b> 8/22, 0600 to 2000
<b>DATE ISSUED:</b> 8/21/15	<b>TIME ISSUED:</b> 2000
<b>UNIT:</b> Six Rivers National Forest	<b>SIGNED:</b> /s/ John Wood FBAN

## INPUTS

**WEATHER SUMMARY:** Upper level high pressure will build over the great basin through the weekend while a trough of low pressure moves into the northeast pacific. This will place the area in a predominate southwest flow aloft but in a general offshore flow on the surface. This will result in warm and dry conditions with no rain expected for the next week or so. In addition, winds aloft will be light, resulting in smoke settling in the valleys with the inversion likely not lifting until late in the afternoon. An upper level disturbance will kick out of the pacific trough and cross the area Tuesday. The system may bring some slightly stronger winds but that should be about it.

Expect maximum temperatures below 3000 ft: 87-92degrees above 3000 ft 82-87. Minimum humidity, Ridges 20-24% Valleys 16-20%. Ridges East 5-10 mph becoming southwest. Valleys East 4-8 mph becoming up slope up valley 2-5.

## OUTPUTS

**GENERAL:** Smokey conditions will return as high pressure comes back in over the area. Fire activity will get dialed back a few degrees as smoke caps the fire area. It is possible that the burn period will occur overnight, when northeast winds bring warm and dry conditions to the fire overnight. Although fire activity will begin to diminish the burn period may lengthen. Marine influence remains possible at lower elevations and will depend on the depth of the smoke layer. Dry heavy fuels will continue to be the main driver of fire activity, they are at their lowest levels seasonally. Shorter daylight period will begin to have an overall effect on burning conditions as we lose minutes of sunshine a day. Marine influence will begin to persist especially in the light fuels.

Backing/Flanking rate of spread 1-2 ch/hr, flame lengths 1-3 feet. Head fire timber understory rate of spread 5-10ch/hr flame lengths 5-8 feet, timber litter rate of spread 3-6 ch/hr, flame lengths 2-3 feet.

ERC 47 BI 49

### SPECIFIC:

Fine fuel moisture 7% 1000 hr 10% Probability of ignition up to 70% unshaded Spot distance around 1/4 mile.

**Division A:** No fire behavior expected.

**Division B:** Some heavies holding heat.

**Division C:** Fire activity will show activity early with clear conditions before the inversion begins lifting, bringing smoke up from the drainages. It will also mix in from the surrounding area as smoke from other fires adds to the haze, any clearing will be short lived. Smoke will dial back activity but will not eliminate fire spread as persistent progress is made by the fire advancing toward the 13N01 road.

**Division M and P:** No fire behavior expected to reach the division.

**Division Z:** Below the "G" spur fire spread will continue to slowly flank toward the ridge line. Sheltering will keep the east winds from reaching the active fire low in the Nickowitz Creek drainage. The area east of the "G" spur will probably see light upslope winds. Marine layer influence and better recoveries will help to slow movement early in the shift as moisture recovery is driven off. This same effect will delay ignition operations until the light fuels reach a moisture content that will carry fire, around 35%. Rollout has potential to move fire downhill into receptive fuels.

## AIR OPERATIONS

A brief clearing of the smoke early in the shift will end in the late morning as smoke from other complexes in the area will mix in. Stable air will add to the haze and reduce effectiveness of mixing.

### Safety Message

During mop up evaluate the area you are working in and decide if there is re-burn potential. Pre-heated fuels can ignite quickly and support rapid fire spread.

**INCIDENT RADIO COMMUNICATIONS PLAN**

Incident Name  
**NICKOWITZ CA-SRF-001470**

Date/Time Prepared  
08-21-15 1915

Operational Period Date/Time  
0600-1800 08-22-15

**Only frequencies listed on this 205 are authorized for use on this incident.**

**Radio 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 1	NIFC C10	ALL DIVISIONS	170.4125N		165.9625N	127.3	A	ORLEANS MTN
2	COMMAND 2	NIFC C12	ALL DIVISIONS	170.0375N		167.3250N	127.3	A	NICKOWITZ PEAK
3	COMMAND 3	NIFC C68	ALL DIVISIONS	173.5500N		165.7250N	127.3	A	BARREN BUTTE
4	TACTICAL	NIFC T5	DIVISION A/B	166.7250N	127.3	166.7250N	127.3	A	
5	TACTICAL	NIFC T7	DIVISION Z	168.2500N	127.3	168.2500N	127.3	A	
6	TACTICAL	R5 TAC5	DIVISION C	167.1125N	127.3	167.1125N	127.3	A	<b>NOTE: TX TONES ON ALL CHANNELS ARE HARD CODED</b>
7	TACTICAL	NIFC T1	DIVISION M	168.0500N	127.3	168.0500N	127.3	A	<b>KEYPAD SELECTION NOT REQUIRED</b>
8	TACTICAL	NIFC T3	DIVISION P	168.6000N	127.3	168.6000N	127.3	A	
9	AVG COMMAND	AVG CMD	ALL DIVISIONS	164.8625N		164.8625N		A	
10	AVG TACTICAL	AVG TAC	ALL DIVISIONS	169.8250N		169.8250N		A	
11	IA COMMAND	SRFFOR5	IA COMMAND	168.7250N		170.1250N	146.2	A	ORLEANS MOUNTAIN
12	IA COMMAND	SRFFOR7	IA COMMAND	168.7250N		170.1250N	167.9	A	UKONOM MOUNTAIN
13	AIR-TO-GND IA	AVG 43	<b>FOREST IA ONLY</b>	167.6000N		167.6000N		A	
14	TACTICAL IA	NIFC T2	<b>INITIAL ATTACK ONLY</b>	168.2000N		168.2000N		A	
15	CALCORD	CALCORD	ALL DIVISIONS	156.0750N	156.7	156.0750N	156.7	A	
16	URGENT AIR CONTACT	AIR GRD	ALL DIVISIONS	168.6250N		168.6250N	110.9	A	USE ONLY FOR URGENT AIRCRAFT IF HAND PROGRAMMING USE TONE 1

Prepared by

Rick Cartoscelli, COM1 NorCal IMT 1

Incident Location

SIX RIVERS NATIONAL FOREST



# AIR OPERATIONS SUMMARY

Prepared By: Glenn Dietz

Prepared Date: 8/21/2015

Prepared Time: 2000

1. INCIDENT NAME: <b>NICKOWITZ (CA-SRF-1470)</b>	2. OPS PERIOD DATE: <b>8/22/2015</b>	START TIME: <b>0700</b>	END TIME: <b>2000</b>	SUNRISE: <b>0630</b>	SUNSET: <b>2005</b>
3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.): Helicopters are being shared from the Gasquet Complex. Please use A/G Command for briefings, utilize A/G Tactical for tactical helicopter communications. Be aware of terrain influenced winds & wires crossing the Klamath River watershed.			4. READY ALERT AIRCRAFT MEDEVAC: H-503 ***CALCORD TONE 6*** INITIAL ATTACK: H-502		5. TFR #: 5/3284 Altitude- 9000' MSL Polygon

6. PERSONNEL	NAME	PHONE #	7. FREQUENCIES	AM	FM	8. FIXED-WING- Type/ Make-Model/ N#/ Base
AOBD	Glenn Dietz	ICP: 530-627-3491 Cell: 530-227-0017	AIR/AIR RW-FF	126.075		AIRTANKERS- Available in RDD, Cave Junction, Rhonerville
ASGS	Steve Beall	ICP: 530-627-3491 Cell: 530-598-6755	AIR/ AIR RW- FF		164.7500	LEAD PLANES-
ATGS	Rico Gonzalez		AIR TO GROUND COMMAND		164.8625	ATGS AIRCRAFT- AA-4QS (Rico Gonzalez)
HLCO			AIR TO GROUND TACTICAL COMMAND		169.8250	
HEB2	Ray Wilson	530-469-1502	DECK TOLC		163.1000	SEE COMM PLAN
			MEDIVAC ON CALCORD		156.0750 TONE 6	OTHER FW AIRCRAFT-

9. HELICOPTERS (Use Additional Sheets as Necessary)

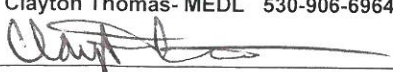
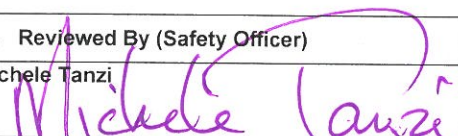
FAA N#	T	MAKE/ MODEL	BASE	AVAIL	START	REMARKS	FAA N#	T	MAKE/ MODEL	BASE	AVAIL	START	REMARKS
H-503	3	Bell 407	Marble HLB	0700	0800	Pax, Bucket, PSD, Recon							
H-502	2	Bell 205 A1	Marble HLB	0700	0800	Pax, Bucket, Ext. Load	H-8MC	3	A-Star	Hoopa HLB			Call AOBD if needed.

10. TASK/ MISSION/ ASSIGNMENT (Type/ function includes: Air Tactical, Retardant, Recon, Personnel Transport, Bucket Operations, SAR, etc.)		NAME OF PERSONNEL OR CARGO (if applicable) or Instructions for tactical aircraft		MISSION START	FLY FROM	FLY TO
Recon	Water Dropping	As needed	As needed			





# MEDICAL PLAN (ICS 206 WF)

1. Incident/Project Name		2. Operational Period						
<b>NICKOWITZ FIRE</b>		Date/Time <b>8/22/15 0800-2000</b>						
3. Ambulance Services								
Name	Location	Phone & EMS Frequency		Advanced Life Support (ALS) Yes      No				
Medic 31 – Incident Ambulance	Incident Base	Contact on Command or 530-925-5232		X				
Medic 128- Incident Ambulance	Staged at DP-6	Contact on Command or 928-521-0775		X				
Hoopaa Ambulance	1200 Airport Rd. Hoopa, CA	911 or 707-726-1266		X				
4. Air Ambulance Services (COORDINATE with AIR AMBULANCES on CALCORD tone 6)								
Name	Phone	Type of Aircraft & Capability						
H-502 & H-503	Contact on Command	Marble Helibase						
Reach / PHI      50 min eta	911 or 707-726-1266 (FICC)	Air Ambulance – Redding, CA Day/Night						
Calfire      15 min eta	911 or 707-726-1266 (FICC)	Hoist Rescue– Kneeland, CA						
Coast Guard      Up to 1:15 hr eta	911 or 707-726-1266 (FICC)	Hoist Rescue – Eureka, CA						
CANG 825      50 min eta	911 or 707-726-1266 (FICC)	ALS Hoist Rescue – Redding, CA Day/Night						
5. Hospitals								
Name & Level	GPS Datum – WGS 84 Degrees Decimal Minutes		Travel Time Air      Gnd		Phone	Helipad Yes      No	Address	
St. Joseph Hospital	Lat:	N40°47.02		30 min	2 hrs	707-445-8121	X	2700 Dolbeer, Eureka, CA
	Long:	W124°08.48						
	VHF:							
Mad River Hospital	Lat:	N40°53.45		25 min	2 hrs	707-826-8264 ext.1	X	3800 Janes Rd. Arcata, CA
	Long:	W124°05.25						
	VHF:							
Shasta Regional Medical Center	Lat:	N40°35.08		55 min	3 hrs	530-244-5353	X	1100 Butte, Redding, CA
	Long:	W122°23.25						
	VHF:							
UC Davis Level I Trauma/Burn Center	Lat:	N38°33.17		1.5 hrs	6 hrs	916-734-3636 916-734-3790	X	2315 Stockton Blvd. Sacramento, CA
	Long:	W121°27.05						
	VHF:							
6. Division / Crew Pre-plan. Update and discuss with assigned resources daily								
Crew EMTs & Equipment								
Fireline EMTs & Location Adv. Life Support?								
Air Hoist site: Lat: / Long:								
Helispot: Lat: / Long:								
H-1 N41°29.342 x W123°39.013			H-3 N41°28.077 x W123°47.346					
H-2 N41°23.544 x W123°45.396			Other:					
Alternate no-fly plan:								
7. Remote Aid Stations								
<b>Nickowitz Medical Unit– ICP Orleans</b> N41°18.518 W123°31.511		Point of Contact:			MEDL – Clayton Thomas 530-906-6964			
		EMS Responders & Capability:			Frontline Medical – Advanced Life Support			
		Equipment Available on Site:			Medical supplies			
		Ambulance ETA :			Air – 55 min.      Ground – 35 min.			
8. Prepared By (Medical Unit Leader)			9. Date/Time		10. Reviewed By (Safety Officer)		11. Date/Time	
Clayton Thomas- MEDL 530-906-6964 			8/21/15 1930		Michele Tanzi 		8/21/15 1930	

# MEDICAL PLAN (ICS 206 WF)

## Medical Incident Report

**Use items one through nine to communicate situation to communications/dispatch.**

**1. CONTACT COMMUNICATIONS DECLARE: "MEDICAL EMERGENCY" OR "NON-EMERGENCY MEDICAL TRANSPORT"**

*Ex: "Communications, Div. Alpha. Stand-by for a medical emergency on Div. Alpha" (If life threatening request designated frequency be cleared for emergency traffic.)*

**2. INCIDENT STATUS:** *Provide incident summary and command structure.*

- **Nature of Injury/Illness** *Describe the injury (Ex: Broken leg with bleeding)* \_\_\_\_\_
- **Incident Name** *Geographic Name + "Medical" (Ex: Trout Meadow Medical)* \_\_\_\_\_
- **Incident Commander (Division Sup. or designee)** *Name of IC* \_\_\_\_\_
- **Patient Care** *Name of Care Provider (Ex: EMT Smith)* \_\_\_\_\_

**3. INITIAL PATIENT ASSESSMENT:** *Complete this section for each pt. This is only a brief, initial assessment. Provide additional pt. info after completing this report.*

- **Number of Patients:** \_\_\_\_\_    - **Male / Female:** \_\_\_\_\_    - **Age:** \_\_\_\_\_    - **Weight:** \_\_\_\_\_
- **Conscious?**     **YES**     **NO = MEDEVAC!**    - **Breathing?**     **YES**     **NO = MEDEVAC!**
- **Mechanism of Injury** *What caused the injury?* \_\_\_\_\_
- **Location, Lat/Long** (Datum WGS84) *Ex: N 40° 42.45' x W 123° 03.24'* \_\_\_\_\_

**4. SEVERITY OF EMERGENCY, TRANSPORT PRIORITY**

SEVERITY	TRANSPORT PRIORITY
<input type="checkbox"/> <b>URGENT-RED</b> <i>Life threatening injury or illness.</i> <i>Ex: Unconscious, difficulty breathing, bleeding severely, 2° – 3° burns more than 4 palm sizes, heat stroke, disoriented.</i>	Ambulance or MEDEVAC helicopter. Evacuation need is <b>IMMEDIATE.</b>
<input type="checkbox"/> <b>PRIORITY-YELLOW</b> <i>Serious Injury or illness.</i> <i>Ex: Significant trauma, not able to walk, 2° – 3° burns not more than 1-2 palm sizes.</i>	Ambulance or consider air transport if at remote location. Evacuation may be <b>DELAYED.</b>
<input type="checkbox"/> <b>ROUTINE-GREEN</b> <i>Not a life threatening injury or illness. Ex: Sprains, strains, minor heat-related illness.</i>	Non-Emergency. Evacuation considered <b>Route of Convenience.</b>

**5. TRANSPORT PLAN:**

**Air Transport:** (Agency Aircraft Preferred)

- Helispot                       Short-haul/Hoist                       Life Flight                       Other

**Ground Transport:**

- Self-Extract                       Carry-Out                       Ambulance                       Other

**6. ADDITIONAL RESOURCE/EQUIPMENT NEEDS:**

- Paramedic/EMT(s)     SKED/Backboard/C-Collar     Crew(s)                       Burn Supplies                       Oxygen  
 Trauma Bag                       Medication(s)                       IV/Fluid(s)                       Cardiac Monitor/AED  
 Other (i.e. splints, rope rescue, wheeled litter)

**7. COMMUNICATIONS:**

- Run Medical Emergency on Command
- Coordinate with air ambulance on CALCORD tone 6

**8. EVACUATION LOCATION:**

- **Lat/Long** (Datum WGS84) *EX: N 40 42.45' x W 123 03.24'* \_\_\_\_\_
- **Patient's ETA to Evacuation Location:** \_\_\_\_\_
- **Helispot/Extraction Size and Hazards:** \_\_\_\_\_

**9. CONTINGENCY:** *If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be thinking ahead...*

\_\_\_\_\_

\_\_\_\_\_

**REMEMBER:**

- Confirm ETA's of resources ordered
- Act according to your level of training
- **If air or ground ambulance is DELAYED:** Package and transport patient to rendezvous with incoming Ambulance. Re-route EMS helicopter to rendezvous point as appropriate.

**Nickowitz INCIDENT RISK ANALYSIS (215a)  
Day Shift, August 22, 2015**

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES
ALL	<b>Medical Emergencies</b>	<ul style="list-style-type: none"> <li>~ Review, understand and discuss with your resources the Medical Plan in the IAP.</li> <li>~ <b>Develop Division/Crew Pre-Plan in block #6 on the Medical Plan and fill in necessary information to assist you with an Incident within an Incident.</b></li> <li>~ Base all operational decisions and activities on these 3 questions:               <ol style="list-style-type: none"> <li>1.) What are we going to do if someone gets hurt?</li> <li>2.) How will we get them out of here?</li> <li>3.) How long will it take to get them to a hospital?</li> </ol> </li> <li>~ If the answers are insufficient, stop, re-assess and consider alternate strategies and tactics.</li> <li>~ <b>Have Alternate plan in place when aircraft is grounded due to visibility issues.</b></li> <li>~ If air or ground ambulance is delayed: package and transport patient to rendezvous with incoming ambulance.</li> <li>~ Re-route EMS helicopter to rendezvous point as appropriate</li> <li>~ Review page 2 in IRPG 2014 for briefing subordinates.</li> <li>~ If Night extraction by Air Ambulance with Hoist capabilities and NVG (Night Vision Goggles) is required, the following will assist in a smooth extraction.               <ul style="list-style-type: none"> <li>* Minimum of a 20' x 20' clearing</li> <li>* 3 GREEN "ChemLights" placed on edges of clearing forming a triangle to assist pilot in visual horizon.</li> <li>* Turn ALL headlamps and vehicle lights OFF</li> <li>* Communicate with Air Ambulance on CALCORD tone 6</li> </ul> </li> <li>~ <b>Be aware of Rotor Wash &amp; its effect on Fire behavior when the extraction point is next to an active fire edge.</b> <ul style="list-style-type: none"> <li>• <b>If possible, MOVE patient to an area with less fire activity</b></li> </ul> </li> </ul>
ALL	<b>Smoke Exposure</b>	<ul style="list-style-type: none"> <li>• Inhaling smoke for a short time can cause immediate (acute) effects. Smoke is irritating to the eyes, nose, and throat, and its odor may be nauseating. It can aggravate a lung condition known as asthma. <b>Refer to Medical Plan and contact your Division if you have difficulty breathing.</b></li> <li>• Inhaling carbon monoxide decreases the body's oxygen supply. This can cause headaches, reduce alertness, and aggravate a heart condition known as angina. <b>Refer to Med Plan and contact your Division if you have chest pain.</b></li> <li>• <b>Rotate crews out of the thickest concentrations of smoke. Utilize patrols in vehicles with flashers on through these areas to check fire line when possible.</b></li> </ul>
ALL	<b>Communications</b>	<ul style="list-style-type: none"> <li>• <b>Ensure you have received the most current communications plan, and your radios have been cloned to it before heading out to your work area.</b></li> <li>• TEST your radio before you leave camp to ensure you have comms, and then TEST again when you arrive at your work area.</li> <li>• <b>Use human repeaters in areas with sketchy comms.</b></li> <li>• Refer to the 5 communication responsibilities listed on page ix in the 2014 IRPG</li> </ul>
ALL	<b>Driving Hazards</b>	<ul style="list-style-type: none"> <li>• Shift changes &amp; congestion on roadways. On one way roads, contact outgoing resources on the radio. Wait till those resources have moved pass you, and then proceed to assigned area.</li> <li>• Roads within the burned areas have MANY hazards. Scout prior to committing travel through these areas. Mitigate if capable OR close road entirely until hazards have been mitigated.</li> <li>• Washboard conditions are common on most of the native surface roads. Maintain adequate following distances. <b>Reduce speed in Developed Areas.</b> Be watchful of local traffic &amp; pedestrians.</li> <li>• Get out of your vehicle and look before backing and/or use backer.</li> <li>• Maintain driving situational awareness.</li> <li>• <b>SEAT BELTS ON...LIGHTS ON...BEFORE wheels turn!</b></li> <li>• <b>Reduce driving speeds to allow for reaction time lag.</b></li> <li>• On dusty/smoky roads, don't follow too closely behind traffic. Allow time for dust/smoke to clear.</li> <li>• Establish one-way traffic or coordinate traffic flow if necessary.</li> <li>• Drive Defensively! <b>Expect the unexpected around every curve.</b></li> <li>• Don't drive when fatigued. Adhere to agency driving regulations and guidelines.</li> </ul>
C, Z	<b>Fire Behavior</b>	<ul style="list-style-type: none"> <li>• <b>Ensure a solid anchor point and flank.</b></li> <li>• <b>Use experienced LOOKOUTS under these conditions.</b></li> <li>• Monitor weather conditions. Be aware of visual indicators (clouds, WX obs., cold front passage)</li> <li>• Maintain adequate escape routes and safety zones. Set trigger points when appropriate. Communicate any changes.</li> <li>• Spotting Potential still exists...up to ¼ mile. "Eyes to the green"</li> <li>• <b>Fine Fuel Moisture @ 7%. 1000hr fuels @ 10%. Probability of Ignition@ 70% during daylight</b></li> </ul>
B,C,Z	<b>Aircraft Operations till 2000</b>	<ul style="list-style-type: none"> <li>• Review and discuss Aviation Watch Out Situations listed in IRPG pg 44</li> <li>• Ensure the mission is necessary</li> <li>• Ensure resources are clear of "Target Area" during bucket or retardant use.</li> <li>• Use air-to-ground tactical frequency to communicate with aircraft.</li> <li>• Use clear, concise statements when directing aircraft. Use clock directions from pilot's perspective and mirror flashes.</li> <li>• Evaluate risk vs gain for each mission/target</li> <li>• Ensure use of qualified personnel when involved with longline operations.</li> <li>• Keep non-essential personnel away from dip sites (natural and/or man made)</li> <li>• Ensure personnel receive a passenger briefing prior to flight.</li> <li>• <b>Use aerial Supervision and maintain separation.</b></li> </ul>

**Nickowitz INCIDENT RISK ANALYSIS (215a)  
Day Shift, August 22, 2015**

C, Z	<b>Firing Operations</b>	<ul style="list-style-type: none"> <li>• <b>Identify the Firing Boss &amp; Holding Boss and make it known to all.</b></li> <li>• Brief all resources including adjoining Divisions on the approved plan.</li> <li>• Ensure Communications are in place with both ground and air resources.</li> <li>• Assure experienced lookouts are in place before implementing plan.</li> <li>• Use qualified personnel for all assignments &amp; Trainees have qualified trainers.</li> <li>• Utilize Risk Mgmt. Process (IRPG p. 1) for implementing the plan.</li> <li>• Ensure the 10 &amp; 18's are followed prior to implementing burning operations (IRPG back cover).</li> <li>• <b>Keep your ESCAPE Routes cleared of vehicles and equipment</b></li> </ul>	
ALL	<b>Danger Trees &amp; Procedural Felling Operations</b>	<ul style="list-style-type: none"> <li>• <b>Green trees are falling about 1 hr after burn has run through.</b></li> <li>• <b>NO night falling of snags and live green trees (DANGER TREES)</b></li> <li>• Identify, communicate and flag all high-risk DANGER TREES.</li> <li>• Establish Lookouts when engaged in falling operations.</li> <li>• Scout work area for overhead hazards to ensure safe work areas.</li> <li>• <b>Mitigate using qualified personnel only.</b></li> <li>• Re-assess the need to eliminate the hazard by felling if it is feasible to keep personnel away</li> <li>• If unable to mitigate hazard, <b>Flag Off area, communicate the location &amp; keep personnel away.</b></li> <li>• Review pages 22, 23 &amp; 79 in 2014 IRPG</li> </ul>	
ALL	<b>Hydration &amp; Heat Illness</b>	<ul style="list-style-type: none"> <li>• <b>Pre-hydrate, Re-hydrate! Dehydration is preventable.....Drink a <u>minimum</u> of 250ml/hour; (¼ of canteen)</b></li> <li>• Drink water &amp; Electrolyte drinks before, during, and after shifts. (2 waters to 1 sports drink).</li> <li>• <b>Do NOT mix with water</b> or dilute electrolyte drink. It must be consumed as is for the body to absorb properly.</li> <li>• <b>Low volumes of dark, concentrated urine or painful urination indicate a serious need for rehydration, &amp; medical attention.</b></li> <li>• Ensure your crews take an adequate water/electrolyte supply out to assignment and order more as needed. Take frequent snack breaks to keep blood sugar levels up.</li> <li>• Pace work to avoid heat injuries</li> <li>• Heat exhaustion is characterized by: Weakness, Extreme Fatigue, Nausea, Dizziness &amp; Headaches, clammy skin, persistent muscle cramps, decreased urine output.             <ul style="list-style-type: none"> <li>○ <b>Cool patient as quickly as possible!</b></li> <li>○ Move patient to a cooler location and provide cold water and sports drink.</li> <li>○ Actively reduce core temperature through evaporation by fanning patient.</li> <li>○ Remove Patient from fireline and seek medical attention</li> <li>○ Cover head and neck with wet cloth, increase air movement.</li> <li>○ Heat exhaustion is characterized by: Weakness, Extreme Fatigue, Nausea, Dizziness, Headaches, clammy skin, persistent muscle cramps, and decreased urine output.</li> </ul> </li> <li>• <b>Mental confusion may develop This is a serious trigger point for the potential onset of Heat Stroke or Hyponatremia (water intoxication).</b></li> <li>• Refer to Medical Plan for additional <b>EMS care and Evacuation</b></li> </ul>	
ALL	<b>Biting, Stinging Insects, &amp; Critters (Rattle Snakes, Bees, Mosquitoes, Scorpions, Ticks, Wildlife, etc)</b>	<ul style="list-style-type: none"> <li>• If allergic to bee stings, let your DIVS &amp; Medic/EMT's know.</li> <li>• Leave the snakes alone!</li> <li>• Shake out boots and or sleeping bags prior to use</li> <li>• Use bug spray to minimize mosquito bites.</li> <li>• Check yourself daily for tick bites.</li> <li>• Leave wildlife alone. Backhaul ALL Trash please.</li> </ul>	
ALL	<b>Complacency</b>	<ul style="list-style-type: none"> <li>• <b>Don't let your operations fall into the "routine" category.</b></li> <li>• Maintain situational awareness in all activities.</li> <li>• The first step to an accident involves the false belief that experience makes you invulnerable.</li> </ul>	
INCIDENT NAME <b>Nickowitz Fire</b>  ICS 215a		DATE PREPARED: <b>August 21, 2015</b>  TIME PREPARED: <b>2100 HOURS</b>	OPERATIONAL PERIOD <b>Day Shift</b> <b>8/22/2015, 0600 - 2000</b> Prepared by: Tanzi – SOF1, Barnhart – SOF2, Mackensen – SOF2



Today's discussion is from the  
Fireline Safety Category.

## UNBURNED FUEL BETWEEN YOU AND THE FIRE

It is important for firefighters to recognize unburned fuel between themselves and the fire as Watchout Situation #11. Often it is not possible or practical for direct attack on a fire. Before attempting indirect attack and any time the firefighter is in a position where there is unburned fuel between them and the fire, the following questions must be addressed immediately:

- Can you see the fire or are you in contact with someone who can? Discuss situations you might find yourself in where you are out in the green and cannot see the fire. What can you do?
- Is fire spread in a direction away from you? Do you consider the potential for fire spread? Are you safe if the wind switches?
- Will your position be defensible when the fire reaches you? Talk about what must be taken into account when building indirect line or approaching a fire through the green.
- Is your line anchored? Discuss how you anchor indirect line.
- Are your escape routes and safety zones adequate? What is adequate?
- Are weather indicators constantly changing?
- To reduce the risks:
  - Post lookouts
  - Consider a different location. Review situations where you constructed indirect line or approached a fire through the green and how you provided for your safety.

### References:

Interagency Standards for Fire and Fire Aviation Operations  
Incident Response Pocket Guide

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**Have an idea? Have feedback? Share it.**

ONLINE | MAIL: 6 Minutes For Safety Task Group • 3833 S. Development Ave • Boise, ID 83705 | FAX: 208-387-5250

6 Minutes Home

## TRAINING SPECIALIST MESSAGE

### THE RULES OF THE GAME

The rules that govern the Incident Management training and qualification environment come primarily from two documents:

- The National Wildfire Coordinating Group (NWCG) publication 310-1.
- Forest Service Fire & Aviation Qualification Guide (FSFAQG)

If you have questions on what training and experience is required to get to that next step, these manuals are the place to find the answer.



If you have questions just stop by.

The Training Unit is located at the ICP, in trailer row.

[www.nwcg.gov](http://www.nwcg.gov) - for the 310-1

<http://www.fs.fed.us/fire/publications/> - for the FS FAQG

## Nor Cal #1

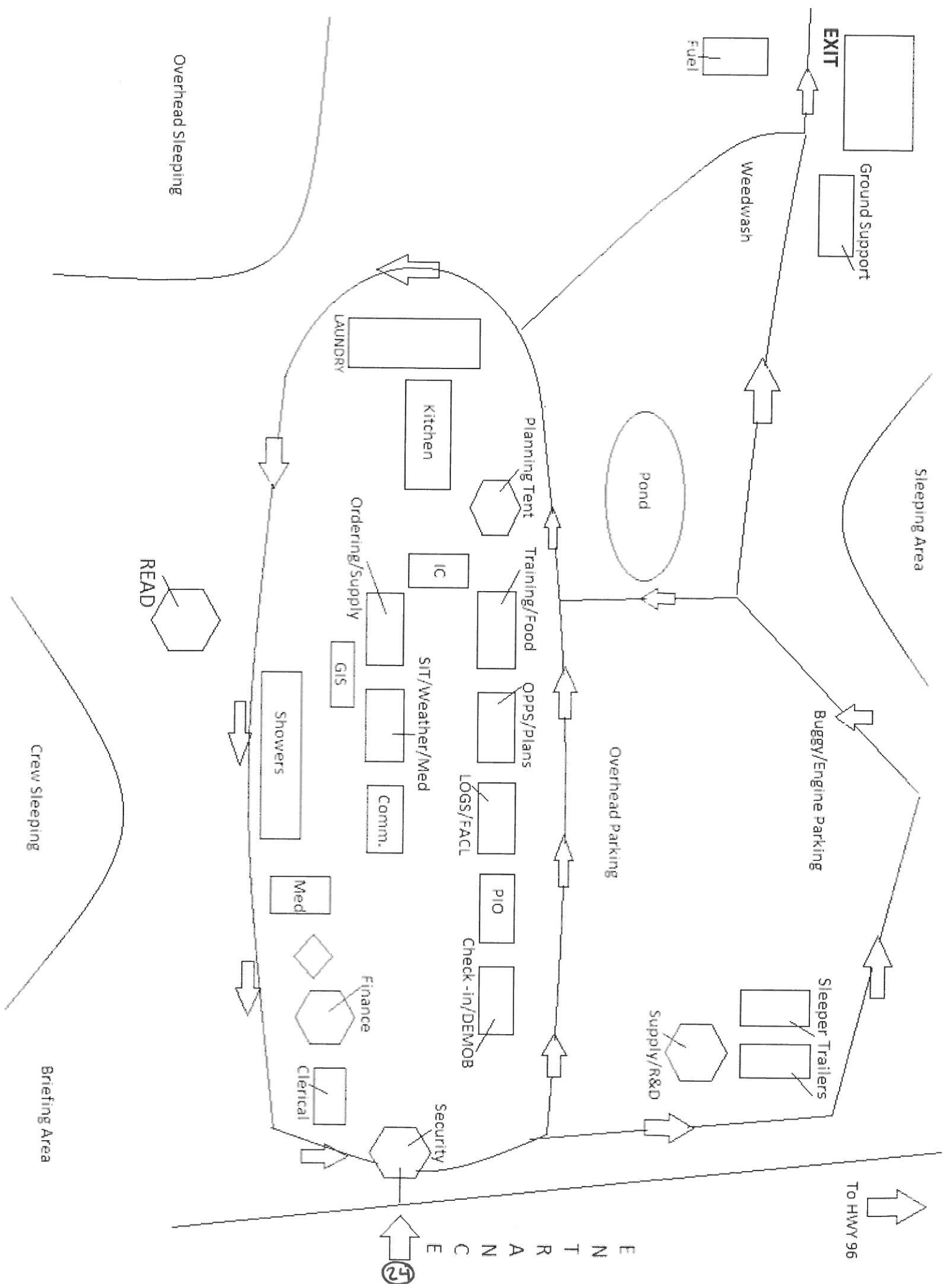
### Expectations for Operational Periods and Shift Length

- The expectations of the I.C. and the team are that all operational resources will proceed directly to their shift assignments at the conclusion of the operational briefing / division break-out. Individuals attending the briefing should attend dressed fire-ready (nomex pants and boots).
- ICS 204 Division Assignment Lists will display anticipated shift duration. The assigned Division Supervisor has the authority to modify these time frames as the situation dictates.
- A minimum of 1 meal break should be taken each day when the fire situation permits. When meals are not recorded, rationale is needed on the CTR. Non fireline assigned resources should plan for a 30 minute break every 6 hours when the situation permits. Command and General Staff will manage workloads to allow for breaks when appropriate.
- Individuals shall only drive if they have had at least 8 consecutive hours off duty before beginning a shift. *Example: if it becomes essential to work until 2300 hours, the individual should not return to duty before 0700 the following day.* Exceptions to this policy should only be to accomplish immediate and critical suppression objectives or critical firefighter / public safety missions as approved by the I.C.
- The Incident Management Organization is committed to a “zero tolerance” policy against inappropriate behavior during incident operations. We expect an attitude of mutual respect for all incident personnel and the public we serve. Any form of harassment, discriminatory practices, or disrespectful behavior will not be tolerated and will be dealt with appropriately. Illegal drug use or other illegal activities will not be tolerated and will be turned over to local law enforcement authorities. Alcohol is strictly prohibited from the fire camp and all other incident locations. Violation of these standards of conduct can result in prompt dismissal from the incident. Individuals who are aware of any inappropriate behavior of incident personnel should tell their supervisor or contact the Human Resource Specialist.











# UNIT LOG

1. INCIDENT NAME

2. DATE PREPARED

3. TIME PREPARED

4. UNIT NAME/DESIGNATORS.

5. UNIT LEADER (NAME AND POSITION)

6. OPERATIONAL PERIOD

7. **PERSONNEL ROSTER ASSIGNED**

NAME

ICS POSITION

HOME BASE

8. **ACTIVITY LOG (CONTINUE ON REVERSE)**

TIME

MAJOR EVENTS