

MINERVA 5 FIRE

NIGHT SHIFT 1800 - 0600



Minerva 5 CA-PNF-001043

AUGUST 8, 2017

CA-PNF-001043

P5K8GR (0511)



INCIDENT OBJECTIVES (ICS 202)

1. Incident Name:		2. Operational Period: NIGHT	
MINERVA 5		Date/Time From: 08/08/2017 1800 TUE	Date/Time To: 08/09/2017 0600 WED
3. Objective(s): <ul style="list-style-type: none"> • Ensure firefighter and public safety by using strategies and tactics that mitigate known and anticipated hazards while providing for the highest probability of success • Provide accurate and timely fire information through interagency and public coordination • Protect cultural values and natural resources in the fire area • Implement fire Suppression Repair Plan guidelines • In order to minimize the threat to the community of Quincy, it's infrastructure, critical assets, and community watershed keep the Minerva Fire: <ul style="list-style-type: none"> • South and East of Forest Road 24N20 • West of Forest Road 24N73 • North of Forest Road 24N26 			
4. Operational Period Command Emphasis:			
General Situational Awareness:			
5. Site Safety Plan Required? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Approved Site Safety Plan(s) Located at:			
6. Incident Action Plan (the items checked below are included in this Incident Action Plan):			
<input checked="" type="checkbox"/> ICS 202 <input checked="" type="checkbox"/> ICS 203 <input checked="" type="checkbox"/> ICS 204 <input checked="" type="checkbox"/> ICS 205 <input type="checkbox"/> ICS 205A <input checked="" type="checkbox"/> ICS 206	<input type="checkbox"/> ICS 207 <input type="checkbox"/> ICS 208 <input type="checkbox"/> ICS 220 <input checked="" type="checkbox"/> Map/Chart <input checked="" type="checkbox"/> Weather Forecast/Tides/Currents	Other Attachments: <input checked="" type="checkbox"/> 215A <input checked="" type="checkbox"/> TRAINING MESSAGE <input checked="" type="checkbox"/> 214 <input type="checkbox"/> _____	
7. Prepared by: COLSON / MARTIN		Position/Title: PSC2	Signature:
8. Approved by Incident Commander:		Name: MILLS / STRAWHUN / GRIFFIN (T)	Signature:
ICS 202		IAP Page	Date/Time: 08/08/2017 1000

ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name:		2. Operational Period: NIGHT	
MINERVA 5		Date/Time From: 08/08/2017 1800 TUE	Date/Time To: 08/09/2017 0600 WED
3. Incident Commander(s) and Command Staff:		6. Logistics Section:	
INCIDENT COMMANDER	DERON MILLS STEVEN GRIFFIN (T)	CHIEF	AARON DUNCAN MARK RATEKIN (T)
DEPUTY	MICHAEL STRAWHUN	SUPPLY UNIT	DAVID GERSTUNG
SAFETY OFFICER	ROLAND GARCIA GREG MARFIL (T)	FACILITIES UNIT	MATT WIGGINS TIM CRISP (T)
INFORMATION OFFICER	CHERYL CHIPMAN	GROUND SUPPORT UNIT	VERN SMITH LARRY AMERJAN
LIAISON OFFICER	DAVID COOPER ALLEN JOHNSON	COMMUNICATIONS UNIT	JOSEPH MEHCIZ TROY VAUGHN (T)
4. Agency/Organization Representative(s):		MEDICAL UNIT	KEVIN ALBERTSON DEVIN LAWRENCE DAVID MAZAIKA (T)
Agency/Organization	Name	SECURITY UNIT	FERNANDO GOMEZ MATTHEW WILKEN
USFS PNF AA	DANIEL LOVATO	FOOD UNIT	MIKE CHAPMAN
CAL FIRE LMU AA	LANE CALDWELL	7. Operations Section:	
PLUMAS SHERIFF	NICK DAWSON	NIGHT OPS	STEVE WATKINS
QUINCY PFD	ROBBIE CASSOU	DAY OPS	JEFFREY HINSON
CHESTER FPD	JOE WATERMAN	PLANNING OPS	CLINT GOULD
CAL OES	KEN HOOD		
CDCR	TAMMY MAINE	DIVISION/GROUP	A / D / M DALE SHIPPELHOUTE
PACIFIC GAS & ELECTRIC	ROB CONE	DIVISION/GROUP	N / O / Z JORDAN TOWNSEND
5. Planning Section:		7b. Air Operations Branch:	
CHIEF	ARTIE COLSON	AIR OPS BRANCH DIRECTOR	ROBERT DELMAS KERRY KOSKELA
DEPUTY	DAVE MARTIN	AIR SUPPORT SUPERVISOR	ROBERT REECE BLAINE COYLE (T)
RESOURCES UNIT	JESSE SCHULTZ ANSLEY SINGER (T)	HELICOPTER COORDINATOR	RAY BLACKBURN
SITUATION UNIT	MARK LEMON; ROBERT VERDIE DEREK PARKER (T)	8. Finance/Administration Section:	
DEMOBILIZATION UNIT	JULIE ROBERTS	CHIEF	JOAN DISNEY PATRICK GALLEGOS (T)
FIRE BEHAVIOR ANALYST	TARO PUSINA	TIME UNIT	TIFFANIE SACHE-SANITI
TRAINING SPECIALIST	DEREK PARKER	COMPENSATION UNIT	BENJAMIN CAZIER
GIS SPECIALIST	LARRY VREDEBURGH DIANE SAVIN-DUKLETH STEPHEN LLOYD		
TECHNOLOGY SUPPORT SPECIALIST	RON WATSON RICK OSUNA		
INCIDENT METEOROLOGIST	JASON CLAPP		
RESOURCE ADVISOR	COURTNEY ROWE		
HUMAN RESOURCE SPECIALIST	FRANCES LINDQUIST		
DOCUMENTATION UNIT	REX CRABTREE		
9. Prepared By:	Name: ANSLEY SINGER	Position/Title: RESL	Signature: 
ICS 203	IAP Page	Date/Time: 08/08/2017 1000	



Minerva 5 Incident Weather Forecast



Forecast Info

FORECAST NO: 17

NAME OF FIRE: Minerva 5

PREDICTION FOR: Night 1800 - 0600
SHIFT DATE: Tue-Wed, Aug 8-9, 2017

UNIT: CA-PNF
SIGNED: Jason Clapp

TIME AND DATE
FORECAST ISSUED: 1000 Tue 8/8/17

Incident Meteorologist
Jason Clapp – 240-778-5296 (call/text)

*** Outflow Winds Possible from Distant Storms ***

Weather Discussion: Isolated afternoon thunderstorms continue today over northeast CA as the upper level disturbance remains over region. Some cloudiness over fire into evening with thunderstorm activity from N through E remaining approximately 10+ miles away, but outflow winds could still impact fire area late afternoon and early evening. Ridge winds will shift easterly overnight the next couple nights.

WEATHER FORECAST for Tonight: Potential evening outflows from distant storms

	Ridgetops / Upper Slope (6K ft)	Valleys / Lower Slopes (4K ft)
Weather	Eroding t-storms in evening and clearing overnight. SW upper ridge (DIV D,A,Z,O) winds likely to surface across lower ridges (DIV M & N) around 1800.	
Lows	54 – 58 (<i>up 2 – 3</i>)	50 – 55 (<i>up 1 – 2</i>)
Max RH	55 – 60% (<i>up 5%</i>)	75 – 85% (<i>little change</i>)
20 ft Winds	SW 7 mph gusting 10-15 mph After 2100, N-NE 3-5 G8 mph	Becoming light downslope After 2200, downcanyon 2-3 mph with gusts 7 mph

Thermal belts: 45 – 50%

Inversion: Weak...setting up after 2200

WEATHER FORECAST for Wednesday (8/9): Erratic Outflows from nearby showers/storms

	Ridgetops / Upper Slope (6K ft)	Valleys / Lower Slopes (4K ft)
Weather	Partly cloudy with afternoon cumulus buildups 20% chance isolated distant thunderstorms late afternoon/evening...mainly N through E	
Highs	76 – 80 (<i>little change</i>)	83 – 87 (<i>little change</i>)
Min RH	30 – 36% (<i>little change</i>)	25 – 30% (<i>little change</i>)
20 ft Winds	NE-E 4 mph gusting to 9 mph. After 1100, SW 6-8 mph G15 mph	Light upslope. After 1100, upcanyon/cross-slope 4 mph G7 mph

Inversion: Lifting by 1200

OUTLOOK for Thursday (8/10):

Weather	Partly cloudy with afternoon weak cumulus	
Highs/Lows	Ridges: 76 – 80...Valleys: 83 – 87	Lows 55 – 65
Min/Max RH	Min: 25 – 30%	Max: 50-55% ridges, 70-80% valleys
20 ft Winds	Upslope winds 2-4 mph becoming upcanyon 3 mph with afternoon gusts 7 mph. Ridges: Varying SE-NE 4 mph G7...then SW afternoon 6-8 gusting 15 mph.	

Inversion: Lifting by 1200

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 18	TYPE OF FIRE: Wildfire
FIRE NAME: Minerva 5	OPERATIONAL PERIOD: Night 1800 - 0600 , 8/8 - 8/9, 2017
DATE ISSUED: Aug. 8, 2017	TIME ISSUED: 0800
UNIT: Plumas NF, Mt. Hough Ranger District	SIGNED: <i>Isl / Taro Pusina</i> Taro Pusina , FBAN

INPUTS

WEATHER SUMMARY

** See IMET Weather Forecast**

Discussion:

Isolated afternoon thundershowers today tapering off this evening. Some cloudiness over the fire area tonight. Ridge winds will shift easterly overnight for the next couple of nights.

Weather: Partly cloudy with diminishing thunderstorm potential. Clearing expected overnight.

Min Temp: Lower slopes: 50 - 55°, Ridges/upper slopes: 54 - 58°

Max RH: Lower slopes: 75 - 85%, Ridges/upper slopes: 55 - 60%

20' Winds: Lower slopes: Becoming light/downslope; 2 - 3 mph, gusts to 7 mph after 2200. Ridges/upper slopes: SW 7 mph, gusts 10 - 15 mph; becoming N/NE 3 - 5 mph, gusts to 8 mph after 2100.

***** Watch for Gusty and Erratic Winds near Thunder Cells*****

FIRE BEHAVIOR

GENERAL:

*****Quincy Burning Index is 42 and Energy Release Component is 58*****

Unburned interior islands near the line expected to actively burn themselves out through the night.

- **Fuels:** A wet winter caused abundant new vegetation growth and there is heavy surface fuel loading. Live and dead mixed conifer and brush vegetation are very dry - 1000 hr. logs are near 10% and live brush is near 100% fuel moisture content. Dense timber, brush and ladder fuels provide an avenue for crownfire initiation.
- **Weather:** Generally, persistent hot and mostly dry weather in addition to an unstable atmosphere and moderate to strong local diurnal winds are conducive for rapid fire spread and intense fire behavior.
- **Topography:** Steep topography - to 100% slope with deep drainages - can channel upslope/updrainage winds during the heat of the day from 1100 - 1900. The elevation range is 3700' - 7000' and all aspects are represented.

SPECIFIC FIRE BEHAVIOR:

- **Intense heat still exists near the line on the northeast and east portion of the fire.** Unburned interior islands expected to continue to burn themselves out with mostly low fire behavior due to cool temps and good RH recovery. Expect smoldering, creeping and flaming with occasional single and group tree torching possible. Spotting distances could reach ¼ mi. with < 50% probability of ignition. Potential timber headfire flame lengths 1 - 3' with max rate of spread 2 - 6 chains per hour. Expected brush headfire flame lengths are 3' - 5' with rates of spread of 4 - 8 ch/hr. Reduce these numbers roughly in half for flanking and backing fire spread.

DIV's A, D: Some scattered heat near line near Claremont Pk., rest of A and D showing very little heat.

DIV's M, N: IR shows intense heat along line in DIV M near Mill Ck. confluence and also near DIV M/N break. Unburned islands could flareup and potentially threaten the line tonight with downslope winds.

DIV's O, Z: Some lingering/scattered heat remains interior that could flareup and threaten the line in DIV N. N/NE winds forecasted after 2100 could push heat across the line in DIV Z.

AVIATION

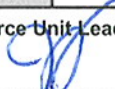
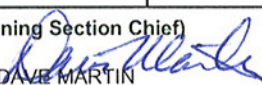
- Weak inversion expected, setting up after 2200 and lifting by 1200 on Wednesday.
- Sunset 8/7: 2008 hrs. Sunrise 8/8: 0611 hrs.

SAFETY


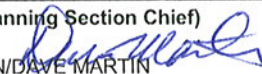
Look up, look down, look around. Size up your work area, fire behavior related hazards include:

- Observe **crownfire initiation factors:** ERC, fuel loading and continuity, burn period, slope, aspect, winds
- Fire weakened green and dead trees/snags can easily fall with little to no warning

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:			3.				
MINERVA 5			Branch:		Division/Group: A / D / M		
2. Operational Period: NIGHT							
Date/Time From: 08/08/2017 1800 TUE		Date/Time To: 08/09/2017 0600 WED					
4. Operations Personnel							
NIGHT OPS		STEVE WATKINS		PLANNING OPS		CLINT GOULD	
DIVISION/GROUP SUPERVISOR		DALE SHIPPELHOUTE					
5. Resources Assigned this Period							
Strike Team / Task Force / Resource Designator		LWD	Leader		Number Persons	Drop Off PT./Time	Pick Up PT./Time
ENG - T3 - S/T OES 2870C		08/13	DONALD LINNEMAN		22	ICP/1800	ICP/0000
SOFR		08/16	JAMES WETTSTAED		1	ICP/1800	ICP/0000
MEDIC		08/18	JUSTIN RIVERA		1	ICP/1800	ICP/0000
MEDIC		08/18	JON BENSELY		1	ICP/1800	ICP/0000
6. Control Operations/Work Assignments:							
Patrol and mop up any threats to the line.							
7. Special Instructions:							
Ensure LCES is in place before engaging. Backhaul excess supplies and trash. GPS all lines and turn into Situation unit. Red/Black flagging denotes areas of special concern to be avoided. If found contact DIVS and avoid the area.							
8. Division/Group Communication Summary							
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode	
COMMAND PRI	3 NIFC C8	169.5375N		164.7125N	T2 - 123.0	A	
COMMAND BACKUP	2 NIFC C2	168.1000N		170.4500N	T2 - 123.0	A	
TACTICAL	7 NIFC TAC 5	166.7250N		166.7250N		A	
AIR TO GROUND TAC	13	169.2875N		169.2875N		A	
AIR TO GROUND CMD	14	167.5500N		167.5500N		A	
MEDICAL	15 CALCORD	156.0750N	T6 - 156.7	156.0750N	T6 - 156.7	A	
AIR GUARD	16 AIR GUARD	168.6250N		168.6250N	110.9	A	
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time	
JESSE SCHULTZ 			ARTIE COLSON/DAVE MARTIN 		08/08/2017	0930	

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:			3.			
MINERVA 5			Branch:		Division/Group: N / O / Z	
2. Operational Period: NIGHT						
Date/Time From: 08/08/2017 1800 TUE		Date/Time To: 08/09/2017 0600 WED				
4. Operations Personnel						
NIGHT OPS		STEVE WATKINS		PLANNING OPS		CLINT GOULD
DIVISION/GROUP SUPERVISOR		JORDAN TOWNSEND				
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
ENG - T3 - KNP 72		08/17	CRISTIAN LOPEZ	5	ICP/1800	ICP/0000
ENG - T6 - RIDGELINE (E-169)		08/17	MICHAEL ANDERSON	3	ICP/1800	ICP/0600
ENG - T6 - DOUBLE D (E-198)		08/18	DUANE DEARBORN	3	ICP/1800	ICP/0600
ENG - T6 - NMS 51		08/18	JOHN A BLACKMON	3	ICP/1800	ICP/0600
ENG - T6 - NMS 31		08/18	EVAN GRAIN	4	ICP/1800	ICP/0600
SOFR		08/16	JAMES WATTSTAED	1	ICP/1800	ICP/0600
MEDIC		08/17	SPENCER JOHNSON	1	ICP/1800	ICP/0600
FEMT		08/17	AUTUMN HOFFMAN	1	ICP/1800	ICP/0600
6. Control Operations/Work Assignments:						
Patrol and mop up any threats to the line.						
7. Special Instructions:						
<p>Ensure LCES is in place before engaging.</p> <p>Backhaul excess supplies and trash.</p> <p>GPS all lines and turn into Situation Unit.</p> <p>Red/Black flagging denotes areas of special concern to be avoided. If found contact DIVS and avoid the area.</p>						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	2 NIFC C2	168.1000N		170.4500N	T2 - 123.0	A
TACTICAL	9 NIFC TAC 7	168.2500N		168.2500N		A
AIR TO GROUND TAC	13	169.2875N		169.2875N		A
AIR TO GROUND CMD	14	167.5500N		167.5500N		A
MEDICAL	15 CALCORD	156.0750N	T6 - 156.7	156.0750N	T6 - 156.7	A
AIR GUARD	16 AIR GUARD	168.6250N		168.6250N	T1 - 110.9	A
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
JESSE SCHULTZ 			ARTIE COLSON/DAVE MARTIN 		08/08/2017	0930

HEALTH AND SAFETY MESSAGE

SAFETY starts with ***YOU***

We are **ALL** accountable for **SAFE** behaviors

Date: August 8/9, 2017

INCIDENT: **Minerva 5**

Day/Night Operations

Major Hazards and Risks:

- **Driving:** Careful when leaving camp. Two-way stop sign at Mill Creek and Pioneer intersection.
- **Heavy Equipment Operations:** Follow mitigation strategies on Incident Safety Analysis (ICS-215a).
- **Abandoned Mines:** Steer Clear- Flagged Red/Black and Lime Green.
- **Hazard Trees:** Assess ALL Trees in Work Areas....In addition to suppression and mop-up operations, assess hazard trees when you take breaks and park vehicles.

Fire Order of the Day: ***Maintain Control Of Your Forces At All Times***

- Keep your subordinates informed.....how do you plan for the weather today????
- Make sound and timely decisions.....establish trigger points and use them!!
- Ensure tasks are understood, supervised, and accomplished.....what can I do??....who can I help??
- Use subordinates in accordance with their capabilities.....help them succeed by looking out for their well being!! Actively monitor and manage crewmembers fatigue.

WHAT WE'RE TALKING ABOUT IS *COMPETENT & CONFIDENT* LEADERSHIP

Human Factors.....Situation Awareness (SA)

.....and Decision Making

- **Low experience level**
Unfamiliar with area & organization structure
- **Distraction from Primary duties**
Collateral duties???
Personal conflict
Incident within the incident?????
- **Fatigue**
Excessive shifts
Lack of sleep, and rest

Stress Reactions:

Target fixation.....locking into a course of action.
Repetitive behaviors.....working in your comfort zone.
Focusing on small tasks.....ignoring big picture.
Accepting increased risk as completion of task nears.
Recognize what your SA is telling you....If any of these conflict with your perception...**Review the "RISK MANAGEMENT PROCESS"**...to ensure reality is accurate and valid for the task or action at hand.....



Remember to take plenty of water to the Fireline with you.....and drink a minimum of **5-6 quarts** each operational period.

Thanks from your Safety Team!!

Ron Garcia SOF2

Greg Marfil SOF2(T)

Know the medical plan before you need it. Three answers to know.

- ✓ **What are you going to do if someone gets hurt?**
- ✓ **How will you get them out of here?**
- ✓ **How long will it take to get them to a hospital?**

INCIDENT SAFETY ANALYSIS 215a

Minerva 5 - Sunday, August 06, 2017

8. Location	9. Hazard	6. Control or Abatement Action (Engineering, Administrative, PPE, Avoidance, Education, etc)
All	Air Operations	<ul style="list-style-type: none"> ~ Only allow mission critical flights. ~ Follow " Aviation Watch-Out Situations" on page 44, IRPG. ~ Don't plan on air resources for medical transport or resupply. ~ Refer to page 57, IRPG for directing bucket drops. ~ Ensure positive communication with all air resources.
All	Steep Terrain & Rolling Debris	<ul style="list-style-type: none"> ~ Maintain 8'-10' spacing when working & walking. ~ Don't work above any personnel. ~ Be on the lookout for rolling rocks, debris, or burning material. ~ Evaluate necessity to send personnel in areas with limited access. ~ Post lookouts (IRPG pg 7).
All	Driving & Traffic	<ul style="list-style-type: none"> ~ Practice "Defensive Driving" techniques traveling on all roads and city streets. ~ Use spotters and honk horn when backing. ~ Keep clutter off dash and inside cab, and clean windshields. ~ Follow Driving LCES (Lights, Chock blocks, Emergency brake, Seat belts. ~ Always use headlights and obey posted speed limits. ~ Use the 3 second rule for following distance. ~ Use chock blocks, turn wheels into hill. ~ Avoid distractions (eating, cell phones, radio).
All	Hazard Trees	<ul style="list-style-type: none"> ~ Follow "Hazard Tree Safety" guidelines, IRPG pages 22-23. ~ Post lookouts, or use a spotter in mop-up areas with personnel. ~ Don't park vehicles or take breaks in high concentrations of hazard trees. ~ Establish trigger points for disengagement during high wind events. ~ Remember that the hazard zone extends a minimum of 2 1/2 tree heights. ~ Post road guards when appropriate.
All	Chippers	<ul style="list-style-type: none"> ~ Ensure all employees are briefed on safe work practices and required PPE. ~ Ensure that a JHA is prepared, read, and signed by everyone using the chipper. ~ Always's follow the manufacturer's recommendations for machine safety, operation, and maintenance. ~ Make sure all manufacturer's safety devices and guards are in place, functional and are checked daily. ~ Check material fed into chippers for embedded rocks before the material is placed into the hopper.
All	Fatigue & Over Exertion	<ul style="list-style-type: none"> ~ Drink 1 quart of water each hour during and after work. ~ Rotate crews out of smoky areas. ~ Set a reasonable work pace and allow adequate rest breaks while on the project. ~ Stagger work crews start time to limit fatigue. ~ Use buddy system to monitor personnel of heat related and fatigue issues. ~ Follow work / rest guidelines.
All	Mine Shafts/Hazmat	<ul style="list-style-type: none"> ~ Possible mine shafts in the fire area, stay alert. ~ Do not approach mine shafts, get the Lat/Long and give to your Division Supervisor. ~ Follow "HAZMAT Incident Operations" on pages 34-36 in IRPG.
All	Thunderstorm Safety	<ul style="list-style-type: none"> ~ Follow thunder safety guidelines, IRPG page 21. ~ Monitor daily weather forecast, and plan your day accordingly.
All	Heavy Equipment Operations	<ul style="list-style-type: none"> ~ Ensure communications are established with operators. ~ Use hand signals if other communications are unavailable. ~ Maintain a 50'-100' exclusion area around equipment and increase it to 1 1/2 times tree height when in timber. ~ Use a spotter when backing. ~ Avoid working below heavy equipment.
All	Underground Powerlines	<ul style="list-style-type: none"> ~ No heavy equipment work over identified buried power line areas (See Map). ~ Flag off and GPS any exposed line(s) on the surface.

Tom Gunn SOF2

Chris H. Stahl OSC2

INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)

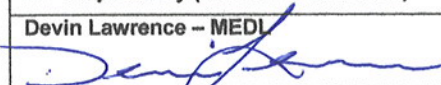
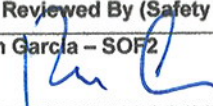
1. Incident Name:		2. Date/Time Prepared:		3. Operational Period:		Date/Time To:	
MINERVA 5		Date: 08/08/2017 Time: 1000		NIGHT		08/09/2017 0600 WED	
Date/Time From:		Date/Time To:		TX		Date/Time To:	
08/08/2017 1800		08/08/2017 1800		TUE		08/09/2017 0600 WED	

4. Basic Radio Channel Use:										
Zone Group	Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq	RX Tone/NAC	TX Freq	TX Tone/NAC	Mode (A,D, or M)	Remarks
15	1	COMMAND	PNF FIRE ADMIN	BACK UP	171.4250N		163.1625N		A	TONE 6 (156.7) TONE 8 (103.5)
15	2	COMMAND	NIFC C2	ALL DIVS	168.1000N		170.4500N	T2 - 123.0	A	LOCATED ON MT HOUGH
15	3	COMMAND	NIFC C8	DIV A/D	169.5375N		164.7125N	T2 - 123.0	A	LOCATED OFF SILVER LAKE RD
15	4	COMMAND	OPEN						A	FUTURE USE
15	5	TACTICAL	NIFC TAC 2	IA ONLY	168.2000N		168.2000N		A	
15	6	TACTICAL	NIFC TAC 3	AVAILABLE	168.6000N		168.6000N		A	REQUEST THROUGH OPS
15	7	TACTICAL	NIFC TAC 5	DIV A/D/M	166.7250N		166.7250N		A	
15	8	TACTICAL	NIFC TAC 6	AVAILABLE	166.7750N		166.7750N		A	REQUEST THROUGH OPS
15	9	TACTICAL	NIFC TAC 7	DIV N/O/Z	168.2500N		168.2500N		A	
15	10	TACTICAL	TAC 8	AVAILABLE	171.1125N		171.1125N		A	REQUEST THROUGH OPS
15	11	TACTICAL	TAC 9	AVAILABLE	164.7500N		164.7500N		A	REQUEST THROUGH OPS
15	12	TACTICAL	NIFC TAC 1	AVAILABLE	168.0500N		168.0500N		A	REQUEST THROUGH OPS
15	13	AIR TO GROUND	A/G TAC	ALL DIVS	169.2875N		169.2875N		A	AIR/GROUND TACTICAL
15	14	AIR TO GROUND	A/G CMD	ALL DIVS	167.5500N		167.5500N		A	AIR/GROUND COMMAND
15	15	MEDICAL	CALCORD	ALL DIVS	156.0750N	T6 - 156.7	156.0750N	T6 - 156.7	A	MEDEVAC COORDINATION
15	16	AIR GUARD	AIR GUARD	ALL DIVS	168.6250N		168.6250N	T1 - 110.9	A	TONE ON TRANSMIT ONLY - URGENT AIRCRAFT CONTACT

5. Special Instructions:	
LAST CLONE 8-4-17	

6. Prepared By	
(Communications Unit Leader)	
Name: TROY VAUGHN, JOE MEHCIZ	Signature: 
IAP Page	Date/Time: 08/08/2017 1000

MEDICAL PLAN (ICS 206 WF)

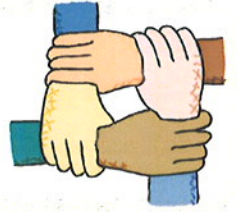
1. Incident/Project Name			2. Operational Period			
Minerva Fire			Date/Time: 8/8/2017 Night 1800-0600			
3. Ambulance Services						
Name	Location	Phone & EMS Frequency	Advanced Life Support (ALS) Yes No			
Plumas District Ambulance	ICP	530 604-6850	X			
4. Air Ambulance Services (COORDINATE with AIR AMBULANCES on CALCORD tone 6)						
Name	Phone	Type of Aircraft & Capability				
CHP H14 or H16 Redding	Plumas County SO (530) 283-6300	ALS and Day Hoist				
Care Flight	Plumas County SO (530) 283-6300	ALS and Night Ops				
Enloe Flight Care	Plumas County SO (530) 283-6300	ALS and Night Ops				
Auburn H20 or H24	Plumas County SO (530) 283-6300	BLS and Day Hoist				
Washoe County Raven	Washoe County SO (775) 785-4228	BLS and Night Hoist				
5. Hospitals						
Name & Level	GPS Datum – WGS 84 Degrees Decimal Minutes	Travel Time Air Gnd		Phone	Helipad Yes No	Address
Renown Medical Center Level Two Trauma Center	Lat: N 39 31 28.7	30	75 Min	(775) 982-4100	<input checked="" type="checkbox"/>	1155 Mill St. Reno NV.
	Long: W 119 47 44.5					
	VHF: Tx Rx					
Enloe Medical Center Level Two Trauma Center	Lat: N 39 44 53.8	:30	115 Min	(530) 332-7414	<input checked="" type="checkbox"/>	1531 Esplanade Chico Ca. 95926
	Long: W 121 50 94.9					
	VHF: Tx Rx					
UC Davis Firefighters Burn Inst.	Lat: N 38 33 17.5	:70	3.5 Hrs.	(916) 734-3636	<input checked="" type="checkbox"/>	4251 X St. Sacramento Ca. 95817
	Long: W 121 27 19.6					
Plumas District Hospital	Lat: N 39 56 23.6	:5	25 Min.	(530) 283-2121	<input checked="" type="checkbox"/>	1065 Bucks Lake Rd. Quincy Ca. 95971
	Long: W 120 57 42.0					
	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/Unimproved landing site: Lat: / Long:						
Helispot: Lat: / Long/ Elevation:						
Alternate, no-fly plan:						
7. Remote Aid Stations						
Point of Contact:		MEDL – Devin Lawrence 661 303-9414				
EMS Responders & Capability:						
Equipment Available on Site:		Medical supplies				
Ambulance ETA :		Air – Ground –				
8. Prepared By (Medical Unit Leader)		9. Date/Time		10. Reviewed By (Safety Officer)		11. Date/Time
Devin Lawrence – MEDL 		8/8/2017 1000		Ron Garcia – SOF2 		8/8/17 0930

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" <i>Ex: "Communications, Div. Alpha. Stand-by for a medical emergency on Div. Alpha" (If life threatening request designated frequency be cleared for emergency traffic.)</i>	
2. INCIDENT STATUS: <i>Provide incident summary and command structure.</i> - Nature of Injury/Illness <i>Describe the injury (Ex: Broken leg with bleeding)</i> _____ - Incident Name <i>Geographic Name + "Medical" (Ex: Trout Meadow Medical)</i> _____ - Incident Commander (Division Sup. or designee) <i>Name of IC</i> _____ - Patient Care <i>Name of Care Provider (Ex: EMT Smith)</i> _____	
3. INITIAL PATIENT ASSESSMENT: <i>Complete this section for each pt. This is only a brief, initial assessment. Provide additional pt. info after completing this report.</i> - Number of Patients: _____ - Male / Female: _____ - Age: _____ - Weight: _____ - Conscious? <input type="checkbox"/> YES <input type="checkbox"/> NO = MEDEVAC! - Breathing? <input type="checkbox"/> YES <input type="checkbox"/> NO = MEDEVAC! - Mechanism of Injury <i>What caused the injury?</i> _____ - Location, Lat/Long (Datum WGS84) <i>Ex: N 40° 42.45' x W 123° 03.24'</i> _____	
4. SEVERITY OF EMERGENCY, TRANSPORT PRIORITY	
SEVERITY	TRANSPORT PRIORITY
<input type="checkbox"/> URGENT-RED <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 IMMEDIATE.
<input type="checkbox"/> PRIORITY-YELLOW <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 DELAYED.
<input type="checkbox"/> ROUTINE-GREEN <i>Not a life threatening injury or illness. Ex: Sprains, strains, minor heat-related illness.</i>	Non-Emergency. Evacuation considered Route of Convenience.
5. TRANSPORT PLAN: Air Transport: (Agency Aircraft Preferred) <input type="checkbox"/> Helispot <input type="checkbox"/> Short-haul/Hoist <input type="checkbox"/> Life Flight <input type="checkbox"/> Other Ground Transport: <input type="checkbox"/> Self-Extract <input type="checkbox"/> Carry-Out <input type="checkbox"/> Ambulance <input type="checkbox"/> Other	
6. ADDITIONAL RESOURCE/EQUIPMENT NEEDS: <input type="checkbox"/> Paramedic/EMT(s) <input type="checkbox"/> SKED/Backboard/C-Collar <input type="checkbox"/> Crew(s) <input type="checkbox"/> Burn Supplies <input type="checkbox"/> Oxygen <input type="checkbox"/> Trauma Bag <input type="checkbox"/> Medication(s) <input type="checkbox"/> IV/Fluid(s) <input type="checkbox"/> Cardiac Monitor/AED <input type="checkbox"/> Other (i.e. splints, rope rescue, wheeled litter)	
7. COMMUNICATIONS: - Run Medical Emergency on Command - <u>Coordinate with air ambulance on CALCORD tone 6</u>	
8. EVACUATION LOCATION: - Lat/Long (Datum WGS84) <i>EX: N 40 42.45' x W 123 03.24'</i> _____ - Patient's ETA to Evacuation Location: _____ - Helispot/Extraction Size and Hazards: _____	
9. CONTINGENCY: <i>If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be thinking ahead...</i> _____ _____	
REMEMBER: -Confirm ETA's of resources ordered -Act according to your level of training - <u>If air or ground ambulance is DELAYED:</u> Package and transport patient to rendezvous with incoming Ambulance. Re-route EMS helicopter to rendezvous point as appropriate.	



Human Resource Message



August, 8, 2017

Our time is getting shorter... How about our Tempers???

We can see the end in sight, although this has been an uncertainty for a while. Some are ready to leave; some are wishing it was longer.

With the hard work and especially the changes taking place, it is easy to get on edge and "on the edge" with each other. Let's guard against that, and try to help each other out. Take care and be safe.

A quick temper will make a fool of you soon enough.

~Bruce Lee



Fran Lindquist, HRSP

Minerva 5 Fire
Training Message
August 8, 2017



See, Smokey is a trainer,
So pass along your life experiences to a trainee.

MAKE YOUR TRAINING TIME COUNT!!!

Please take time to look over task in the task book, initial & date. Thank you for your response to my request for Trainees/Trainers to have as much as possible of their documentation completed prior to coming in and closing out the training assignment. If you know that you will be demobing in the next few days, plan to come in early and finalize your training package

Derek Parker
TRAINING SPECIALIST

Suppression Damage Repair Summary from Suppression Repair Plan

Do not cover direct fire line without OPS approval

resources assigned to repair need to read full repair plan; copies available from READs, @ am briefing, & in Clerical

Critical Guidelines

Sensitive Sites are marked with red and black checkerboard flagging. Do not repair these areas.

Claremont Peak OHV trail system (H-1 on Div A to Claremont Spur on Div O) has additional repair guidelines; see repair plan & confer with READ before commencing repairs.

Water bars for Fire line

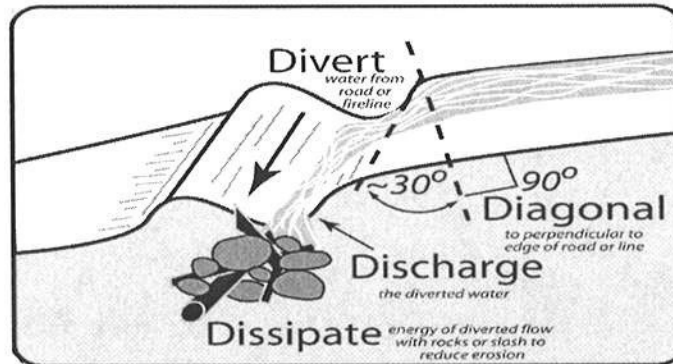
- **SPACING GUIDELINES:** if slopes are too steep for safe implementation, then water bars should not be constructed.

Fire line Gradient (% slope)	Distance Between Waterbars (feet)
1-5	200
6-20	125
21-40	60
41-60	40
>60	25

- **DEPTH AND WIDTH:** Waterbars need to be cut into surface, do not simply push up soil.

Line Type	Depth	Width
Dozer	6 inches	18-24 inches
Hand	4 inches	8-12 inches

- **MINIMUM LENGTH:** Waterbars need to extent at least 3 feet beyond the fireline. Drain into unburned vegetation or rocks, where feasible. Be sure solid objects does not block outlet.



Berms & slashes: Pull berms back onto firelines. Avoid channeling water. Spread slash on fireline.

Brush / stash piles:

- Break up piles & scatter over line or dozer-widened areas.
- Along roadsides, trails & among structures, brush will be chipped & spread (do not exceed 6")

Roads:

- Grade & water roads rutted, wash-boarded or powdered out during suppression.
- Road sides widened by dozers should be graded to natural grade & covered with stash (>50%). Do not sidecast into drainages.
- Where directed, close all roads opened during suppression.

Areas where fire line intersects roads / trails:

- Install barriers (e.g. logs, rocks, stacked stash) & cover with stash (>50%) sufficient to prevent vehicle access (~100 feet long).
- See additional requirements in repair plan for Claremont Peak OHV trail system (H-1 on Div A to Claremont Spur on Div O).

Drafting Sites: Remove any dams, dikes, or other impoundments created during suppression. Repair to condition resembling pre-suppression use.

Helispots, Safety Zone, Spike Camp, and Staging Areas: Repair to standard similar to fireline repair (remove berms; disperse slash; install barriers, where appropriate,; place waterbars, where appropriate).

Back Haul: remove all trash, supplies & equipment used in suppression, except where directed to keep in place in turnback standards

SLEEPER UNITS

MINERVA 5 BASE CAMP

BREAKFAST: 0500-1000

DINNER: 1700 - 2200

SHOWERS: 0500 - 2300

LAUNDRY: 0600 - 2200

OVERHEAD
SLEEPING

ICP

BRIEFING

SHOWERS

OVERHEAD PARKING

KITCHEN

CREW
PARKING

N. MILLCREEK RD

TRIOLOGY

EXIT

CREW
PARKING

SUPPLY

EXIT

CREW
SLEEPING

LUNCH
DRINKS
ICE

CREW
PARKING

SHOWERS

LAUNDRY



GROUND SUPPORT
FUEL
WEED WASH



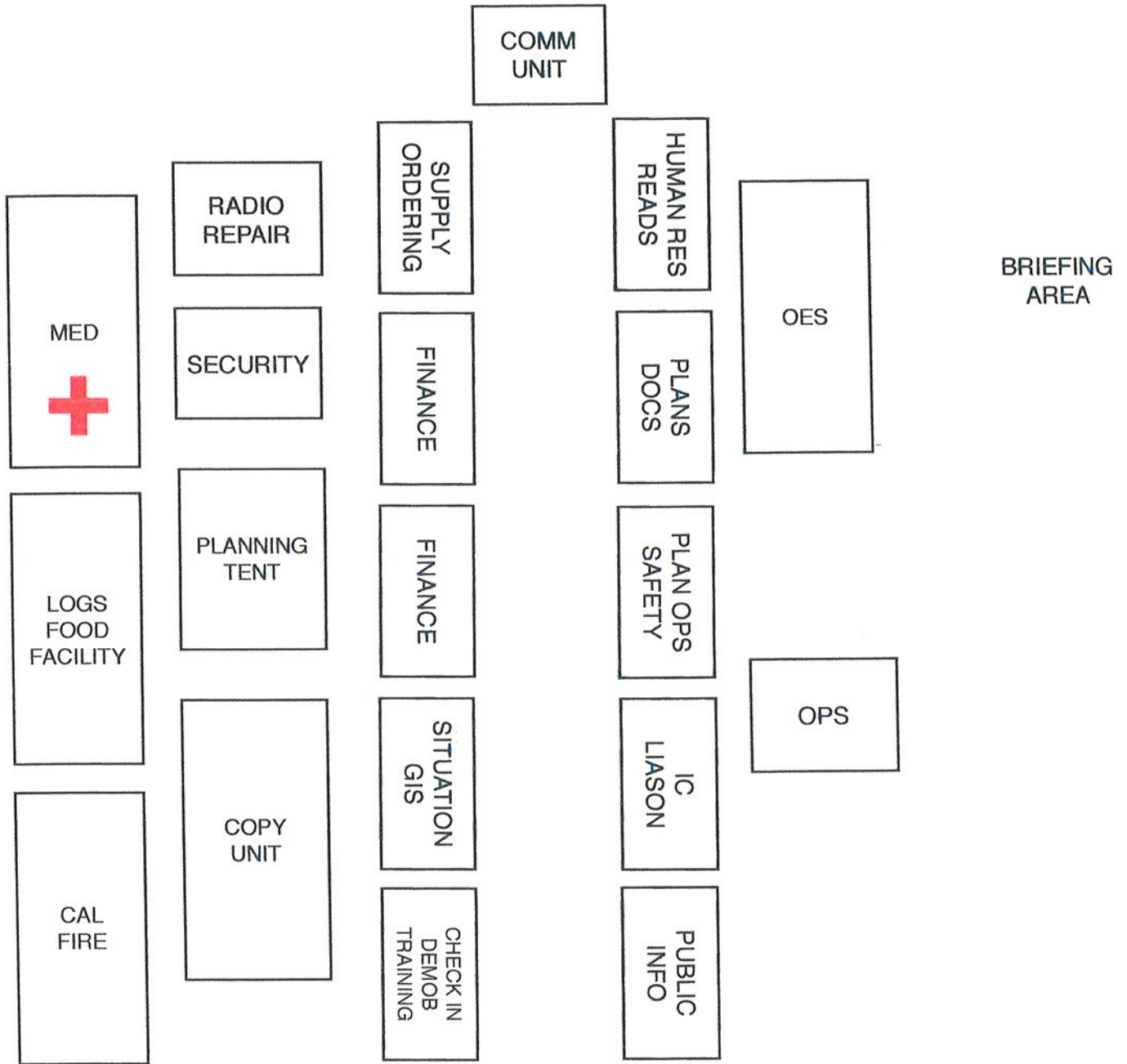
ENTRANCE

ONE-WAY

CDCR

ONE WAY

ICP MAP



QR Codes



Weather Observations



Minerva 5 IAP Map



Minerva Fire Ops Map



Minerva Fire Briefing Map



Minerva Fire Planning Map

