

MINERVA 5 FIRE



NIGHT SHIFT 1800 – 0600

AUGUST 3, 2017

CA-PNF-001043

P5K8GR (0511)



Minerva 5 CA-PNF-001043

INCIDENT OBJECTIVES (ICS 202)

1. Incident Name:	2. Operational Period: NIGHT	
MINERVA 5	Date/Time From: 08/03/2017 1800 THU	Date/Time To: 08/04/2017 0600 FRI
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 • 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: <i>Arto Colson</i>	
8. Approved by Incident Commander:	Name: MILLS/STRAWHUN/GRIFFIN (T)	Signature: <i>John Griffin</i>
ICS 202	IAP Page	Date/Time: 08/03/2017 1000

ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name:		2. Operational Period: NIGHT	
MINERVA 5		Date/Time From: 08/03/2017 1800 THU	Date/Time To: 08/04/2017 0600 FRI
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	DEPUTY	RANDY JACKSON
SAFETY OFFICER	ROLAND GARCIA GREG MARFIL (T)	SUPPLY UNIT	DAVID GERSTUNG
INFORMATION OFFICER	MICHELLE CARBONARO/CHERYL CHIPMAN BRENDAN HALLE (T)	FACILITIES UNIT	MATT WIGGINS TIM CRISP (T)
LIAISON OFFICER	DAVID COOPER ALLEN JOHNSON	GROUND SUPPORT UNIT	VERN SMITH LARRY AMERJAN
		COMMUNICATIONS UNIT	JOSEPH MEHCIZ TROY VAUGHN (T)
		MEDICAL UNIT	KEVIN ALBERTSON; DEVIN LAWRENCE DAVID MAZAIKA (T)
		SECURITY UNIT	FERNANDO GOMEZ MATTHEW WILKEN
4. Agency/Organization Representative(s):		FOOD UNIT	MIKE CHAPMAN
Agency/Organization	Name	7. Operations Section:	
USFS PNF AA	DANIEL LAVATO	NIGHT OPS	STEVE WATKINS
CAL FIRE LMU AA	LANE CALDWELL	PLANNING OPS	CLINT GOULD
PLUMAS SHERIFF	NICK DAWSON	STAGING AREA	PATRICIA JOHNSON
QUINCY PFD	ROBBIE CASSOU		
CHESTER FPD	JOE WATERMAN	DIVISION/GROUP	A / D DALE SHIPPELHOUE
CAL OES	KEN HOOD	DIVISION/GROUP	M MIKE MARTINEZ
CDCR	TAMMY MAINE	DIVISION/GROUP	N JORDAN TOWNSEND
PACIFIC GAS & ELECTRIC	ROB CONE	DIVISION/GROUP	O / Z ROBERT RICE
		7b. Air Operations Branch:	
5. Planning Section:		AIR OPS BRANCH DIRECTOR	ROBERT DELMAS KERRY KOSKELA
CHIEF	ARTIE COLSON	AIR SUPPORT SUPERVISOR	ROBERT REECE BLAINE COYLE (T)
DEPUTY	DAVE MARTIN	8. Finance/Administration Section:	
RESOURCES UNIT	DEREK PARKER	CHIEF	JOAN DISNEY
SITUATION UNIT	MARK LEMON; ROBERT VERDIE DEREK PARKER (T)	TIME UNIT	TIFFANIE SACHE-SANITI
DEMOBILIZATION UNIT	JULIE ROBERTS	COMPENSATION UNIT	BENJAMIN CAZIER
FIRE BEHAVIOR ANALYST	TARO PUSINA		
TRAINING SPECIALIST	DEREK PARKER		
GIS SPECIALIST	LARRY VREDEBURGH DIANE SAVIN-DUKLETH		
TECHNOLOGY SUPPORT SPECIALIST	RON WATSON		
INCIDENT METEOROLOGIST	JASON CLAPP		
RESOURCE ADVISOR	MIGUEL JEFFREY		
9. Prepared By:	Name: DEREK PARKER	Position/Title: RESL	Signature:
ICS 203	IAP Page	Date/Time: 08/03/2017 0938	



Minerva 5 Incident Weather Forecast



Forecast Info

FORECAST NO: 7

NAME OF FIRE: Minerva 5

PREDICTION FOR: 1800 - 0600
SHIFT DATE: Thu-Fri, Aug 3-4, 2017

UNIT: CA-PNF
SIGNED: Jason Clapp

TIME AND DATE
FORECAST ISSUED: 1000 Thu 8/3/17

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

Weather Discussion: Cumulus buildups diminish near sunset tonight with decent humidity recovery over lower terrain and poorer recovery in thermal belt. Wind will be terrain driven with N-NE ridge winds. Widespread mid clouds Friday may limited convection, but still cannot rule out enough clearing to generate an isolated thunderstorm. Greater convection chances exist over the weekend as an upper level disturbance moves closer to CA. Good vertical mixing this weekend due to instability will aid column development.

WEATHER FORECAST for Tonight: Erratic Winds from Potential Outflows through 2000

	Ridgetops / Upper Slope (6K ft)	Valleys / Lower Slopes (4K ft)
Weather	Thunderstorms in area weakening by 2000... Heavy rain and hail w/ outflow potential	
Lows	65 – 72 (<i>little change</i>)	62 – 66 (<i>little change</i>)
Max RH	35 – 45% (<i>little change</i>)	60 – 65% (<i>little change</i>)
20 ft Winds	WSW 5 mph gusting to 8 mph After 2100, N 5-7 gusting to 12 mph	Becoming light downslope After 2100, downcanyon 3-4 mph with gusts 8 mph

Thermal belts: 30 – 35%

Inversion: Setting up after 2100-2200

WEATHER FORECAST for Friday (8/4):

	Ridgetops / Upper Slope (6K ft)	Valleys / Lower Slopes (4K ft)
Weather	Mostly cloudy with mid cloud will add shading and limit convective activity. 10% chance isolated t-storms mainly higher terrain	
Highs	78 – 82 (<i>down 5 – 6</i>)	86 – 90 (<i>down 5 – 6</i>)
Min RH	28 – 34% (<i>up 4 – 6</i>)	22 – 26% (<i>up 4 – 6</i>)
20 ft Winds	NE 4 mph gusting to 8 mph. After 1200, SW 7-9 mph G14 mph	Light upslope. After 1100, upcanyon/cross-slope 4 mph G8 mph

Thermal belts: 35 – 40%

Inversion: Lifting by 1000

OUTLOOK for Saturday (8/5): Erratic Outflows from nearby storms

Weather	Partly to mostly cloudy with afternoon cumulus buildups. 20% chance isolated thunderstorms	
Highs/Lows	Ridges: 80 – 84... Valleys: 86 – 88	Lows 60 – 70
Min/Max RH	Min: 22 – 30%	Max: 40-50% ridges, 60-65% valleys
20 ft Winds	Upslope winds 3-5 mph becoming upcanyon 5 mph with afternoon gusts 8 mph. Ridges: N 5 mph G10... then SW afternoon 7-10 gusting 17 mph.	

Thermal belts: 40 – 45%

Inversion: Lifting by 1000

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 8	TYPE OF FIRE: Wildfire
FIRE NAME: Minerva 5	OPERATIONAL PERIOD: Night 1800 - 0600 , 8/3 - 8/4, 2017
DATE ISSUED: Aug. 3, 2017	TIME ISSUED: 1030
UNIT: Plumas NF, Mt. Hough Ranger District	SIGNED: <i>Is/ Taro Pusina</i> Taro Pusina , FBAN

INPUTS

WEATHER SUMMARY

*** See IMET Weather Forecast***

Discussion:

Continued hot and dry. Cumulus buildup diminishing at night with moderate RH recovery. Winds will be terrain driven with northerly ridge winds after dark. Continued chance of afternoon cumulus and/or cloud buildup tomorrow.

Weather: Cumulus buildup weakening by 1800. Smoke likely in Quincy tonight.

Min Temp: Lower slopes: 62 - 66°, Ridges/upper slopes: 65 - 72°

Max RH: Lower slopes: 60 - 65%, Ridges/upper slopes: 35 - 45%

20' Winds: Lower slopes: Becoming light/downslope, 3 - 4 mph, gusts to 8 mph after 2100. Ridges/upper slopes: W/SW 5 mph, gusts to 8 mph, becoming N 5 - 7 mph, gusts to 12 mph after 2100.

FIRE BEHAVIOR

GENERAL:

Quincy Burning Index is 40 and Energy Release Component is 59

Fuels, weather and topography are aligning for significant fire behavior.

- **Fuels:** The wettest winter in recent history created abundant new vegetation growth. Lower elevation timber and brush fuels are approaching critical levels: 1000 hr's. near 10% and lives near 100%. Fuels include mixed conifer, oaks and brush. Dense timber, regeneration and ladder fuels provide an avenue for crownfire initiation.
- **Weather:** Persistent hot, dry weather coupled with thunderstorms, an unstable atmosphere and moderate winds are conducive for rapid and intense fire spread. High temperatures and low relative humidities are expected to continue which will increase the likelihood of active fire behavior.
- **Topography:** Steep topography - to 100% slope with deep drainages - can channel diurnal drainage winds during the heat of the day and after dark. The elevation range is 4500 - 6500'. Aspects are generally SW and NE.

SPECIFIC FIRE BEHAVIOR:

- **Before Dark:** Group tree torching and short duration crownfire runs likely with 100'+ flame lengths and 12 - 40 ch./hr. rates of spread with ¼ - ½ mi. spotting distances and 50 - 70% probability of ignition.
- **After Dark:** Moderate nighttime RH recovery and cooler temps should limit fire activity. Expect smoldering and creeping with occasional flare-ups. Potential timber headfire flame lengths 1 - 3' with max ROS 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: Any heat near indirect line in DIV A should pull interior with downslope winds. Remainder of DIV's A and D showing very activity with only a few areas of isolated heat that could flareup near the line.

DIV's M/N/O: Low/moderate fire behavior predicted in mixed conifer below 6000' in West and Middle Branches of Mill Ck. Fire expected to continue backing north toward Quincy with up to ¼ mi. spread.

DIV Z: Mostly low fire behavior anticipated above 6000' in red fir timber overstory and low lying brush with natural barriers in DIV's O and Z. Downslope winds should pull most heat interior off the line.

AIR OPERATIONS



- Expect smoky conditions in the fire area when the inversion settles in around 2100 hours.

Sunset 8/3: 2014 hrs. Sunrise 8/4: 0606 hrs.

SAFETY

- Rollout of burning debris on steep slopes can ignite unburned fuel below you.
- **Watch for Gusty and Erratic Winds near Thunder Cells**

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:		3.				
MINERVA 5		Branch:		Division/Group: A / D		
2. Operational Period: NIGHT						
Date/Time From: 08/03/2017 1800 THU		Date/Time To: 08/04/2017 0600 FRI				
4. Operations Personnel						
NIGHT OPS		STEVE WATKINS		PLANNING OPS		CLINT GOULD
DIVISION/GROUP SUPERVISOR		DALE SHIPPELHOUTE		STAGING AREA MANAGER		PATRICIA JOHNSON
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
CREW - T1 - S/T 9254G (ODD)		08/12	PHILLIP SMITH	27	ON LINE/1800	ICP/0600
ENG - T3 - S/T 9172C (ODD)		08/12	BRIAN HAM	18	ON LINE/1800	ICP/0600
ENG - T3 - S/T 9210C (ODD)		08/04	PAUL CARLOS	18	ON LINE/1800	ICP/0600
SOFR		08/16	JAMES WETTSHEAD	1	ICP/1800	ICP/0600
6. Control Operations/Work Assignments:						
Hold and improve line.						
Mop up where safe to do so.						
7. Special Instructions:						
To get to the fire and take the 24N20 Raod south to the fire. To leave the fire travel north on Forest Road 24N20 to north on the Forest Road 24N28. Head east on Bucks Lake Rd to Highway 70 back to the ICP.						
Backhaul excess supplies and trash.						
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
DEREK PARKER 			ARTIE COLSON/DAVE MARTIN 		08/03/2017	0938


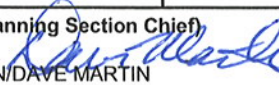
Division/Group Assignment List (ICS 204 WF)

1. Incident Name:			3.			
MINERVA 5			Branch:		Division/Group: M	
2. Operational Period: NIGHT						
Date/Time From: 08/03/2017 1800 THU		Date/Time To: 08/04/2017 0600 FRI				
4. Operations Personnel						
NIGHT OPS		STEVE WATKINS		PLANNING OPS		CLINT GOULD
DIVISION/GROUP SUPERVISOR		MICHAEL MARTINEZ		STAGING AREA MANAGER		PATRICIA JOHNSON
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/0600
ENG -T3 - S/T 9120C (ODD)		08/12	DERRICK W MISNER	19	ON LINE/1800	ICP/0600
DOZ - T2 - NORTHSTATE (E-31)		08/12	GEORGE POE	1	ICP/1800	ICP/0600
SOFR		08/15	NICK MARTINO	1	ICP/1800	ICP/0600
SOFR (T)		08/15	MICHAEL ZIMMERMAN	1	ICP/1800	ICP/0600
6. Control Operations/Work Assignments:						
Continue to prep on the 24N20 Road. Find opportunities to tie into Division N.						
7. Special Instructions:						
To get to the fire and take the 24N20 Road south to the fire. To leave the fire travel north on Forest Road 24N20 to north on the Forest Road 24N28. Head east on Bucks Lake Rd to Highway 70 back to the ICP.						
Backhaul excess supplies and trash.						
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	2 NIFC C2	168.1000N		170.4500N	T2 - 123.0	A
TACTICAL	8 NIFC TAC 6	166.7750N		166.7750N		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
DEREK PARKER			ARTIE COLSON/DAVE MARTIN		08/03/2017	0938

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:			3.			
MINERVA 5			Branch:		Division/Group: N	
2. Operational Period: NIGHT						
Date/Time From: 08/03/2017 1800 THU		Date/Time To: 08/04/2017 0600 FRI				
4. Operations Personnel						
NIGHT OPS		STEVE WATKINS		PLANNING OPS		
				CLINT GOULD		
DIVISION/GROUP SUPERVISOR		JORDAN TOWNSEND		STAGING AREA MANAGER		
				PATRICIA JOHNSON		
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
CREW - T1 - S/T 9213G (ODD)		08/11	BENJAMIN SITTER	34	ON LINE/1800	ICP/0600
CREW - T1 - S/T 9228G (ODD)		08/12	PAT BENNINGHOVEN	30	ON LINE/1800	ICP/0600
DOZ - T2 - S/T 9151L		08/12	JAKE ROSEBROCK	6	ON LINE/1800	ICP/0600
DOZ - T2 - DUDLEYS' (E-163)		08/16	MIKE LINDAUER	2	ICP/1800	ICP/0600
SOFR		08/15	NICK MARTINO	1	ICP/1800	ICP/0600
SOFR (T)		08/15	MICHAEL ZIMMERMAN	1	ICP/1800	ICP/0600
6. Control Operations/Work Assignments:						
Continue handline from Peppard Spur to Div M break.						
Improve for future burnout.						
7. Special Instructions:						
To get to the fire and take the 24N20 Raod south to the fire. To leave the fire travel north on Forest Road 24N20 to north on the Forest Road 24N28. Head east on Bucks Lake Rd to Highway 70 back to the ICP.						
Backhaul excess supplies and trash.						
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	2 NIFC C2	168.1000N		170.4500N	T2 - 123.0	A
TACTICAL	12 R5 TAC 6	168.2375N		168.2375N		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
DEREK PARKER			ARTIE COLSON/DAVE MARTIN		08/03/2017	1100

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:			3.			
MINERVA 5			Branch:		Division/Group: O / Z	
2. Operational Period: NIGHT						
Date/Time From: 08/03/2017 1800 THU		Date/Time To: 08/04/2017 0600 FRI				
4. Operations Personnel						
NIGHT OPS		STEVE WATKINS		PLANNING OPS		CLINT GOULD
DIVISION/GROUP SUPERVISOR		ROBERT RICE		STAGING AREA MANAGER		PATRICIA JOHNSON
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
CREW - T1 - S/T 9253G (ODD)		08/13	JEFF GOWAN	32	ON LINE/1800	ICP/0600
CREW - T1 - S/T 9258G (ODD)		08/09	CLAYTON TRIGGS	31	ON LINE/1800	ICP/0600
DOZ - T2 - PNF 3		08/11	CARL ZINN	3	ICP/1800	ICP/0600
SOFR		08/15	NICK MARTINO	1	ICP/1800	ICP/0600
SOFR (T)		08/15	MICHAEL ZIMMERMAN	1	ICP/1800	ICP/0600
6. Control Operations/Work Assignments:						
Continue prep across 24N26 Road towards Peppard Flat and the 24N73 Road.						
7. Special Instructions:						
To get to the fire and take the 24N20 Road south to the fire. To leave the fire travel north on Forest Road 24N20 to north on the Forest Road 24N28. Head east on Bucks Lake Rd to Highway 70 back to the ICP.						
Backhaul excess supplies and trash.						
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	2 NIFC C2	168.1000N		170.4500N	T2 - 123.0	A
TACTICAL	9 NIFC TAC 7	168.2500N		168.2500N		Λ
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
DEREK PARKER 			ARTIE COLSON/DAVE MARTIN 		08/03/2017	0938

HEALTH AND SAFETY MESSAGE

SAFETY starts with ***YOU***

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

Date: August 3/4, 2017

INCIDENT: Minerva 5

Day/Night Operations

Major Hazards and Risks:

- **DRIVING:** Slow down when driving on Bucks Lake Rd., and secondary roads throughout the incident. Be cautious in dusty conditions.
- **HAZARD TREES:** Assess ALL Trees in Work Areas....In addition to suppression and mop-up operations, assess hazard trees when you take breaks.
- **DEHYDRATION:** Drink water with other electrolyte drinks, and be sure to eat.
- **STEEP SLOPES/ROLLING MATERIAL:** Be aware not to work below persons and rolling material.

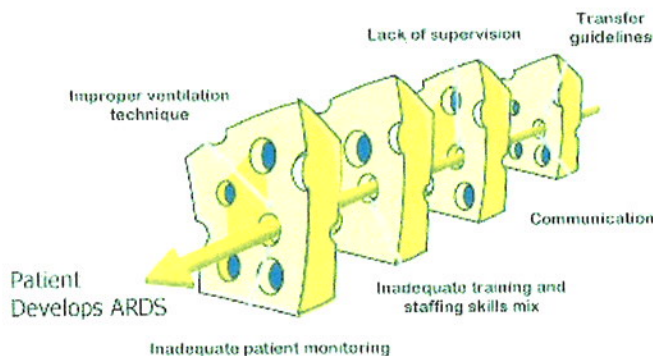
Fire Order of the Day:

Maintain control of your forces at all times

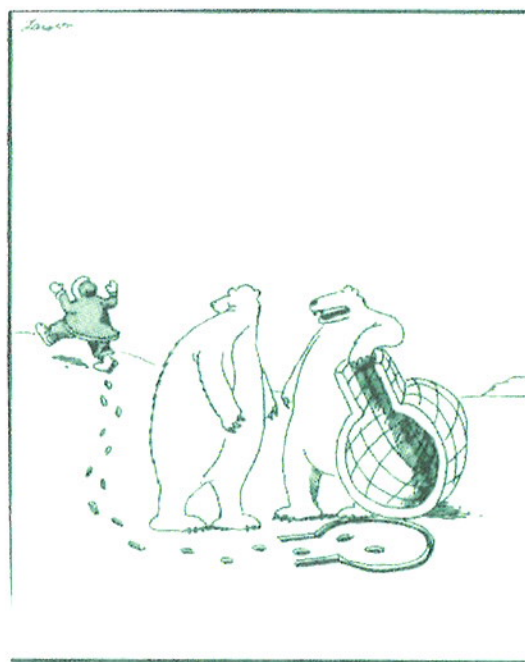
- ❖ **TASK.....**What is to be done.....Strategy and tactics
- ❖ **PURPOSE.....**Why it is to be done.....Big picture.....who, what, when, where, why, etc.....
- ❖ **END STATE.....**How it should look when done....Quantify your expectations.....Leaders Intent

Situation Awareness

- **Speak up if you see something that looks wrong!!!**
- **Get a good briefing prior to beginning task**
- **Ask if you don't understand!!!!**



HELP BREAK THE "ERROR CHAIN"!!



"I lift, you grab. ... Was that concept just a little too complex, Carl?"

Give clear instructions and insure they are understood!!!

Thanks from your Safety Team!!

Ron Garcia SOF2

Greg Marfil SOF2(T)

Always use the "Risk Management Process" in your decision making process.....refer to IRPG page 1 for more information.....

INCIDENT SAFETY ANALYSIS 215a

Minerva 5 - Wednesday, August 02, 2017

8. Location	9. Hazard	6. Control or Abatement Action (Engineering, Administrative, PPE, Avoidance, Education, etc)
All	Air Operations	~ 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. ~ Only approved mission critical flights. ~ Ensure positive communication with all air resources.
All	Steep Terrain & Rolling Debris	~ 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	~ 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	~ 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	Firing Operations & Devices	~ Only personnel trained in the use of each device will be authorized to use firing equipment. ~ Ensure all personnel are aware of firing operation that may affect them. ~ Wear appropriate PPE. ~ Ensure aerial/ground ignition plans have been adequately developed and personnel are briefed.
All	Indirect Fireline	~ KNOW WHAT YOUR FIRE IS DOING AT ALL TIMES. ~ Post lookouts, identify escape routes and safety zones (IRPG pg. 7). ~ Review "Strategy/Indirect Attack" (IRPG pg. 77). ~ Establish trigger points for disengagement during high wind events.
All	Fatigue & Over Exertion	~ 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	~ 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.
	Thunderstorm Safety	~ Follow thunder safety guidelines, IRPG Page 21. ~ Monitor daily weather forecast, and plan your day accordingly.
All	Heavy Equipment Operations	~ 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 Power Lines	~ No heavy equipment work over identified buried power line areas (See Map). ~ Flag off and GPS any exposed line(s) on the surface.

Tom Am... 5012


Chris H. Hall 0502

INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)


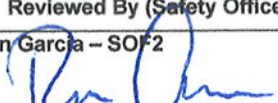
1. Incident Name:		2. Date/Time Prepared:		3. Operational Period:	
MINERVA 5		Date: 08/03/2017 Time: 0938		NIGHT	
		Date/Time From: 08/03/2017 1800		Date/Time To: 08/04/2017 0600	
		THU		FRI	

4. Basic Radio Channel Use:										
Zone Group	Ch #	Function	Channel Name/Trunked Radio System Tailgroup	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	166.7250N		166.7250N		A	
15	8	TACTICAL	NIFC TAC 6	DIV M	166.7750N		166.7750N		A	
15	9	TACTICAL	NIFC TAC 7	DIV O/Z	168.2500N		168.2500N		A	
15	10	TACTICAL	R5 TAC 4	AVAILABLE	166.5500N		166.5500N		A	REQUEST THROUGH OPS
15	11	TACTICAL	R5 TAC 5	AVAILABLE	167.1125N		167.1125N		A	REQUEST THROUGH OPS
15	12	TACTICAL	R5 TAC 6	DIV N	168.2375N		168.2375N		A	
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 7-31-17	

6. Prepared By	
(Communications Unit Leader)	
Name: TROY VAUGHN	Signature: 
IAP Page	Date/Time: 08/03/2017 0938

MEDICAL PLAN (ICS 206 WF)

1. Incident/Project Name			2. Operational Period			
Minerva Fire			Date/Time: 08/03/2017 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 44 538	:30	115 Min	(530) 332-7414	<input checked="" type="checkbox"/>	1531 Esplanade Chico Ca. 95926
	Long: W 121 50 949					
	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 – Kevin Albertson 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
Kevin Albertson – MEDL 		8/3/2017 1000		Ron Garcia – SOF2 		8/3/17 0800

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"/> URGENT-RED Life threatening injury or illness. <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 Serious Injury or illness. <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 Not a life threatening injury or illness. <i>Ex: Sprains, strains, minor heat-related illness.</i>	Non-Emergency. Evacuation considered Route of Convenience.

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 fall, 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.

Human Resource Message for the Minerva 8/3/2017

U.S. Marine Corps General, *Robert B. Neller's*

In looking for a Human Resource Message I had to ask myself what the US Marine Corps have to say about the subject. I copied a portion of the Commandant of the U.S. Marine Corps General, *Robert B. Neller's* message. I ask you to read this through once as intended and then read it a second time and replace *Marines and Sailors* with *Firefighter or Hotshot*. I feel the message will carry you forward through the day and possibly into the future.

Our strength is the talent, skill and discipline of our Marines and Sailors. Today, we are a ready and capable Corps of Marines because of patriotic Americans who are willing to step forward and accept the challenge of being a Marine in order to serve our Nation. Since our friendly center of gravity is our "Team of Marines," it is appropriate to begin our tenure by communicating clear expectations for leaders and those they serve.

What Marines should expect from leaders:

Firm but fair leadership.

Marines and Sailors will be treated with dignity and respect.

Accountability.

All Marines will be held to the highest standards of conduct and performance.

Leadership from the front.

Leaders will set the highest examples in their professional and personal life.

Realistic and challenging training.

We will train hard in every clime and place, day and night.

Weapons and equipment that is on the cutting edge of technology.

Marines must quickly recognize and leverage technology to make us better warfighters.

Opportunities for advancement.

All Marines will be recognized for a high level of performance.

Care and support for families and our wounded.

Both are critical members of the Marine Corps team and have earned our support.

Honesty, Integrity, and Loyalty.

Trust is a two-way street. Listen to and take care of Marines in your charge, and they will take care of you.

Compassion.

All leaders will provide those in their charge sincere and concerned assistance with problems.

What leaders should expect from Marines:

Always give 100 percent to the mission.

Bring your "A" game every day.

Be technically and tactically proficient.

Learn, study, read ... know your profession.

For the Commandant's full message see "*Leatherneck Magazine, November 2015*". Deputy Incident Commander, M. Strawhun



August 3rd, 2017

TRAINING SPECIALIST MESSAGE

Minerva Fire

A Training Specialist is on the incident. All federal, state, and local government agency trainees working on position task books will need to register with the Incident Training Specialist to receive proper credit for your assignment.

Bring your initiated Task Book and valid Red Card.

If you need training logged, you should initiate with the TNSP at the earliest opportunity. TNSP is open from 6a-10p but also doing Resources. Please come and stop by! If I can fit you in I surely will.

Derek Parker
Training Specialist

QR Codes



Weather Observations



Minerva 5 LAP Map

