

# **Incident Action Plan**

## **Modoc July Complex**

**CA-MDF-000671**

**P5K7YC (0509)**



FRIDAY / SATURDAY


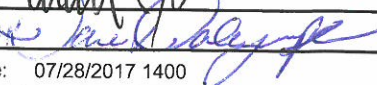
**NIGHT SHIFT**

**07/28/17-7/29/17**

**1800-0600**

PUBLIC INFORMATION 530-710-8620

## INCIDENT OBJECTIVES (ICS 202)

<b>1. Incident Name:</b>		<b>2. Operational Period:</b> NIGHT	
MODOC JULY COMPLEX		Date/Time From: 07/28/2017 1800 FRI	Date/Time To: 07/29/2017 0600 SAT
<b>3. Objective(s):</b>			
<b>Management Objectives:</b>			
<ul style="list-style-type: none"> <li>• Ensure that strategies and tactics provide for firefighter and public safety through the application of sound risk management principles.</li> <li>• Establish and strengthen cooperator, partner, and stakeholder relationships.</li> <li>• Minimize the threat to critical infrastructure and private timberlands.</li> <li>• Work closely with assigned Resource Advisors to minimize suppression impacts on sensitive cultural areas.</li> <li>• Transition command of all incidents and resources from Modoc Lightning IA (West Zone MDF) into Modoc July Complex organization.</li> </ul>			
<b>4. Operational Period Command Emphasis:</b>			
<b>Control Objectives:</b>			
<ul style="list-style-type: none"> <li>• Using a full suppression strategy; minimize the size of fires through the use of direct tactics where it is safe to do so.</li> <li>• Continue to scout and gather intelligence on fires that are not yet recorded.</li> </ul>			
<b>General Situational Awareness:</b>			
<b>5. Site Safety Plan Required?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
<b>Approved Site Safety Plan(s) Located at:</b>			
<b>6. Incident Action Plan</b> (the items checked below are included in this Incident Action Plan):			
<input checked="" type="checkbox"/> ICS 202	<input type="checkbox"/> ICS 207	Other Attachments:	
<input checked="" type="checkbox"/> ICS 203	<input type="checkbox"/> ICS 208	<input checked="" type="checkbox"/> 215A	
<input checked="" type="checkbox"/> ICS 204	<input checked="" type="checkbox"/> ICS 220	<input type="checkbox"/> _____	
<input checked="" type="checkbox"/> ICS 205	<input checked="" type="checkbox"/> Map/Chart	<input type="checkbox"/> _____	
<input type="checkbox"/> ICS 205A	<input checked="" type="checkbox"/> Weather Forecast/Tides/Currents	<input type="checkbox"/> _____	
<input checked="" type="checkbox"/> ICS 206			
<b>7. Prepared by:</b> MATT JOHNSON		<b>Position/Title:</b> PSC2	<b>Signature:</b> 
<b>8. Approved by Incident Commander:</b>		<b>Name:</b> RICK YOUNG	<b>Signature:</b> 
ICS 202		<b>IAP Page</b>	<b>Date/Time:</b> 07/28/2017 1400

## ORGANIZATION ASSIGNMENT LIST (ICS 203)

<b>1. Incident Name:</b>		<b>2. Operational Period:</b> NIGHT	
MODOC JULY COMPLEX		Date/Time From: 07/28/2017 1800 FRI	Date/Time To: 07/29/2017 0600 SAT
<b>3. Incident Commander(s) and Command Staff:</b>			
		DEPUTY	MIKE HECKENDORN
IC	RICK YOUNG ERIC PETTERSON (T)	ORDERING	MARK ALLEN TRACEY VALENTINE
DEPUTY	DAREN DALRYMPLE	SUPPLY UNIT	MANI BOSLAUGH
LIAISON OFFICER	TIM FIKE / KIP MORRILL (T)	FACILITIES UNIT	RIC CROWTHER / BILL PATTEN ROBIN DAVIS
SAFETY OFFICER	S. DAVIS / T. O'CONNELL / F. PINGICZER	GROUND SUPPORT UNIT	JOHN FELL MERLE DRUCKER
INFORMATION OFFICER	ADRIENNE FREEMAN	COMMUNICATIONS UNIT	DON STONER
<b>4. Agency/Organization Representative(s):</b>			
<b>Agency/Organization</b>	<b>Name</b>	<b>MEDICAL UNIT</b>	PAT YOUNG
MDF AGENCY ADMIN.	DD HARRISON GARY KEDISH (T)	FOOD UNIT	KEVIN BROWNING SEAN CAYWOOD
US FISH AND WILDLIFE	KEN GRIGGS	<b>7. Operations Section:</b>	
CALFIRE	MIKE SMITH	DAY OPS SECTION CHIEF	SCOTT LUCAS HEATHER MCRAE (T)
MODOC COUNTY SHERIFF	MIKE POINDEXTER WILLIAM "TEX" DOWDY	PLANNING OPS	DAN GEORGE / BERNIE SPIELMAN (T)
CHP	DANNY KOETSIER	NIGHT OPS SECTION CHIEF	JAY WALTER
TRIBAL REP.	KEN SANDUSKY		
BNSF	JOE AHO	DIVISION/GROUP	COVE ERIC PETTERSON
COLLINS PINE	LEE FLEDDERJOHANN	DIVISION/GROUP	NIGHT GROUP 1 DAVE SOLDAVINI
COTOP (WESTERN AREA POWER ADMIN.)		DIVISION/GROUP	NIGHT GROUP 2 TALBOT HAYES CLINT GREEN (T)
CCC	SHAWN FRY	DIVISION/GROUP	NIGHT GROUP 3 BERNARD SHAW
<b>5. Planning Section:</b>			
CHIEF	JEFF BUSCHER	<b>7b. Air Operations Branch:</b>	
DEPUTY	MATT JOHNSON JOHN OWEN	AIR OPS BRANCH DIRECTOR	DENNIS KUSTER
RESOURCES UNIT	DUANE MILLER	AIR SUPPORT SUPERVISOR	STACI DICKSON
SITUATION UNIT	MATT BROWN RYAN WAKEFIELD (T)	HELIBASE MANAGER	BRAD NELSON
DEMOBILIZATION UNIT	ROBERTA LIM MIKE DUNKEL (T)	<b>8. Finance/Administration Section:</b>	
FIRE BEHAVIOR ANALYST	MATT BROWN	CHIEF	BETH LOPEZ VICKI WILSON (T)
TRAINING SPECIALIST	BRAD SMITH	PERSONNEL TIME UNIT	PENNY PORTLUCK
GIS SPECIALIST	M. GRUPE / M. ROSSI / S. WALTERSCHEID	EQUIPMENT TIME UNIT	JUANITA CORTEZ
TECHNOLOGY SUPPORT SPECIALIST	ZACH SOHL SHANE NEAL	COMPENSATION UNIT	TINA KENNEDY
SCKN	WAYNE BARNEY RONNEE HELZNER	COST UNIT	SAM RAPPHAHN
INCIDENT METEOROLOGIST	RYAN WALBRUN		
<b>6. Logistics Section:</b>			
CHIEF	JACK COSTELLO		
<b>9. Prepared By:</b>	<b>Name:</b> DUANE MILLER	<b>Position/Title:</b> RESL	<b>Signature:</b>
ICS 203	IAP Page	<b>Date/Time:</b> 07/28/2017 0804	





# Modoc July Complex Fire Weather Forecast



**FORECAST NO:** 3

**NAME OF FIRE:** Modoc July Complex

**PREDICTION FOR:** 1800-0600 night shift

**UNIT:** CA-MDF

**SHIFT DATE:** 7/28-7/29

**SIGNED:**

**TIME AND DATE**

**Incident Meteorologist:** Ryan Walbrun-IMET

**FORECAST ISSUED:** 1200 noon 7/28

*...Poor to Moderate RH recovery overnight...*

**WEATHER DISCUSSION:** Any cumulus clouds or pyro-cumulus will be dissipating by around 9 pm tonight. Evening Southwest winds will be easing around the same time and then turning northeast but light on the ridges of Branch I. Poor to moderate humidity recovery tonight will be the main fire weather watch out. Surface based inversions will keep smoke trapped in some of the valleys through the pre-dawn hours. In general quiet weather overnight with light drainage winds after midnight.

**WEATHER FORECAST for Tonight:**

**WEATHER:** Mostly clear skies. Areas of smoke.

**LOW TEMPERATURES:** 59-64. 1-3 degrees warmer than last night.

**HUMIDITY:** Poor to moderate recovery 40-50% on average with 55-70% lower valleys/drainages.

**20 FT WINDS:**

**RIDGETOP** - West to Southwest 4-8 mph til 9 pm then turning Northeast 3-6 mph.

**SLOPE/VALLEY** - Becoming downslope-downcanyon 1-4 mph

**HAINES INDEX:** 2

**STABILITY/INVERSION:** Weak to moderate night time surface based inversions developing.

**OUTLOOK FOR Saturday:** Warming and drying trend continues. Will need to watch for afternoon cumulus build-ups with a 5-10% chance of an isolated t-storm over the Forest. Unstable airmass aloft will mean another Haines 5 afternoon implying good potential for plume dominated fire growth. Daytime highs 87-95 on average with humidity lowering 9-15%. Winds to remain westerly and light through early afternoon then late day gusts 15-20 mph will be possible exposed ridges and valleys (including Lake and Cove Fires).

**Extended OUTLOOK:** A record breaking heat wave may be in the cards starting Sunday and lasting into next week. Thunderstorm chances look very remote at this time with the better chances east of the July Complex. A prolonged period of hot and dry weather will continue to allow any sleeper fires to show themselves. Be aware of afternoon gusty winds. Hydration will become an issue for those that don't take proper daily precautions.

**EXTRA INFORMATION:** Please take weather observations and get them back to the IMET. Night time humidity recovery trends and values should be monitored hourly.

# FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 005	TYPE OF FIRE: Wildfire Full Suppression
FIRE NAME: Modoc July Lightning Complex	OPERATIONAL PERIOD: 7-28-17 Night Shift
DATE ISSUED: 7-28-17	TIME ISSUED: 1800
UNIT: CA-MDF	SIGNED: <u>Matt Brown</u> Typed/printed: Matt Brown LTAN(t)

## INPUTS

### WEATHER SUMMARY:

Minimum Temperature of 59-64 degrees. Maximum humidity of 55-70% in the valleys, 40-50% on the ridges. Winds light and variable but mostly down slope 1-4 mph. 20ft Winds WSW 4-8 mph. Turning NE after 2100. **Haines= 5+ UNSTABLE**

## OUTPUTS

### FIRE BEHAVIOR

#### GENERAL:

The fires are burning in a complex mix of fuels depending on location. All live fuels are showing at or just above average fuel moisture for this time of year; however, the dead fuels are trending very dry and are at the 90<sup>th</sup> percentile. ERC, which is derived from a large contribution of dead fuel moisture, is trending at the 90<sup>th</sup> percentile. The fire needs a moderate wind component to spread. Fine fuels are very abundant and will react to wind shifts rapidly. Although, there is extensive fire history in the area, the fuel type lends itself to rapid replacement. Old fire scars cannot be relied upon to hold or slow fires. Expect the burn period to continue through the operational period.

#### SPECIFIC:

Expect fire behavior in the sage brush and grass to have low flame lengths and present opportunities to go direct under the right wind conditions and late night Rh values. Early in the shift look to position crews close to good black since gusty winds can produce runs with rapid rates of spread as the sun moves below the horizon and the downslope winds become established. Take weather locally as Rh in the teens or Fine Dead Fuel Moistures of <6% have shown to produce fire behavior conditions where direct attack may not be possible. The abundant grass crop is providing enough pre-heating of the sage to produce late summer burning conditions under the right winds.

In timber type fuels, expect higher than average flame lengths as the ERC settles at the 90<sup>th</sup> percentile. Expect group torching under the influence of gusty winds. In areas with heavy dead and down, expect good consumption and weakening of trees and root structures. Expect juniper to torch out when fire is carried under low canopy. In DIV Q/S, fuels have suffered a hard winter and early green up. Wind driven short crown runs are possible due to the abundant dead ladder fuel.

In heavy brush component expect lower rates of spread and moderate flames lengths. This fuel model occurs frequently on ground that consists of lava and thus extremely uneven terrain. Overestimate the length of your escape routes in this fuel type. This fuel will exhibit rapid rates of spread under the influence of gusty winds. In areas where a grass crop has grown under the canopy, expect higher flame lengths, good consumption and increased rates of spread.

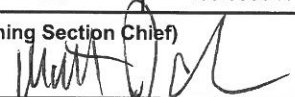
#### AIR OPERATIONS:

Smoke may linger in valleys obscuring air operation opportunities early in the operational period. Smoke dispersion will be to the N with transport winds reaching 9 mph. Mixing height will vary throughout the day establishing at 2500 ft in the morning and increasing to 9000 feet in the afternoon.

## SAFETY

Multiple lightning strikes have impacted the area. Holdover fires may be undetected and can come to life with long flame lengths and rapid rates of spread when under the influence of gusty winds. The combination of these fuels and winds have the ability to trap crews between previously undetected fires. Use lookouts, shorten your escape routes and increase the size of your safety zones until Rh recovery settles above the teens. Nighttime burning operations can be effective under forecasted conditions; however, the unstable air around the fire area has the potential to create fire whirls. Too much fire on the ground can create the conditions where fire whirls may be generated. Take refuge in hard black as vortexing columns can entrap crews with spot fires or injure them with flying debris. **Don't underestimate FIRE BEHAVIOR!**

## Division/Group Assignment List (ICS 204 WF)

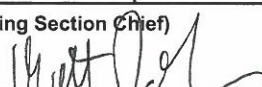
<b>1. Incident Name:</b>			<b>3.</b>			
MODOC JULY COMPLEX			Branch:		Division/Group:	
<b>2. Operational Period:</b> <b>NIGHT</b>					<b>NIGHT GROUP 1</b>	
Date/Time From: 07/28/2017 1800      FRI	Date/Time To: 07/29/2017 0600      SAT					
<b>4. Operations Personnel</b>						
<b>NIGHT OPERATIONS CHIEF</b>		JAY WALTER		<b>BRANCH DIRECTOR</b>		
<b>DIVISION/GROUP SUPERVISOR</b>		DAVID SOLDAVINI		<b>AIR ATTACK SUPERVISOR</b>		
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
HC2IA FIRESTORM C-10	08/09	STAN HAWKINS	20	/1900	0600/	
ENG3 ST 9144C E-102 24HR	08/07	STEVE MILLOSOVICH	18	/1900	0600/	
ENG6 MOORETOWN E-84	08/10	DENNIS BARCUS	4	/1900	0600/	
ENG6 MOORETOWN E-85	08/10	ANTHONY VELASQUEZ	4	/1900	0600/	
WT2 JJ WATER E-70	08/08	JESSICA HEMPHILL	1	/1900	0600/	
FEMT O-163	08/10	DON YOO	1	/1900	0600/	
FEMP O-151	08/10	JASON CHANEY	1	/1900	0600/	
<b>6. Control Operations/Work Assignments:</b>						
<ul style="list-style-type: none"> <li>Continue to hold and improve control lines.</li> <li>Mop-up control lines to maintain containment.</li> <li>Initiate control action on new or unstaffed incidents.</li> <li>Be prepared for I.A.</li> </ul>						
<b>7. Special Instructions:</b>						
Resources will utilize water tracking form in IAP and turn into Division Supervisor at end of shift.						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1	173.7875 N	0.0	162.4875 N	146.2	A
TACTICAL	7	166.7250 N	110.9	166.7250 N	110.9	A
A/G CMD	9	169.0875 N	0.0	169.0875 N	0.0	A
A/G TAC	10	165.0000 N	0.0	165.0000 N	0.0	A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
MIKE DUNKEL (RESL)			MATT JOHNSON 		07/28/2017	1400

## Division/Group Assignment List (ICS 204 WF)

<b>1. Incident Name:</b>			<b>3.</b>			
MODOC JULY COMPLEX			<b>Branch:</b>		<b>Division/Group:</b>	
<b>2. Operational Period:</b>			<b>NIGHT GROUP 2</b>			
<b>NIGHT</b>						
Date/Time From: 07/28/2017 1800 FRI		Date/Time To: 07/29/2017 0600 SAT				
<b>4. Operations Personnel</b>						
<b>NIGHT OPERATIONS CHIEF</b>		JAY WALTER		<b>BRANCH DIRECTOR</b>		
<b>DIVISION/GROUP SUPERVISOR</b>		TALBOT HAYES CLINT GREEN (T)		<b>AIR ATTACK SUPERVISOR</b>		
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
HC2IA COBRAS2 C-9		08/02	ARTURO ZEPEDA	22	ICP/1900	0600/
HC1 ST 9257G 24HR					ICP/1900	0600/
ENG3 ST 9221C E-101		08/10	GARY ROBINSON	20	ICP/1900	0600/
WT2 NORTHSTATE E-62		08/08	GUNNAR HOBBS	1	ICP/1900	0600/
FEMT O-164		08/10	DREW KOSTAL	1	ICP/1900	0600/
<b>6. Control Operations/Work Assignments:</b>						
<ul style="list-style-type: none"> <li>Continue to hold and improve control lines.</li> <li>Mop-up control lines to maintain containment.</li> <li>Initiate control action on new or unstaffed incidents.</li> <li>Be prepared for I.A.</li> </ul>						
<b>7. Special Instructions:</b>						
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COMMAND	1	173.7875 N	0.0	162.4875 N	146.2	A
TACTICAL	8	166.7750 N	110.9	166.7750 N	110.9	A
A/G CMD	9	169.0875 N	0.0	169.0875 N	0.0	A
A/G TAC	10	165.0000 N	0.0	165.0000 N	0.0	A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
MIKE DUNKEL			MATT JOHNSON		07/28/2017	1400



## Division/Group Assignment List (ICS 204 WF)

<b>1. Incident Name:</b>			<b>3.</b>			
MODOC JULY COMPLEX			Branch:		Division/Group:	
<b>2. Operational Period:</b> NIGHT					<b>NIGHT GROUP 3</b>	
Date/Time From: 07/28/2017 1800 FRI	Date/Time To: 07/29/2017 0600 SAT					
<b>4. Operations Personnel</b>						
NIGHT OPERATIONS CHIEF		JAY WALTER		BRANCH DIRECTOR		
DIVISION/GROUP SUPERVISOR		BERNARD SHAW		AIR ATTACK SUPERVISOR		
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
HC1 ST 9220G C-23		08/10	PETER COATES	31	DP46/1900	0600/
<b>6. Control Operations/Work Assignments:</b>						
<ul style="list-style-type: none"> <li>Continue to hold and improve control lines.</li> <li>Mop-up control lines to maintain containment.</li> <li>Initiate control action on new or unstaffed incidents.</li> <li>Be prepared for I.A.</li> </ul>						
<b>7. Special Instructions:</b>						
Resources will utilize water tracking form in IAP and turn into Division Supervisor at end of shift.						
<b>8. Division/Group Communication Summary</b>						
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COMMAND	1	173.7875 N	0.0	162.4875 N	146.2	A
TACTICAL	5	168.0500 N	110.9	168.0500 N	110.9	A
A/G CMD	9	169.0875 N	0.0	169.0875 N	0.0	A
A/G TAC	10	165.0000 N	0.0	165.0000 N	0.0	A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
MIKE DUNKEL			MATT JOHNSON 		07/28/2017	1400



DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES
ALL	<b>DANGER TREES</b>	<ul style="list-style-type: none"> <li>Follow "Hazard Tree Safety" guidelines, IRPG pages 22.</li> <li>Post lookouts, or use a spotter in mop-up areas with personnel.</li> <li>Don't park vehicles or take breaks in high concentrations of hazard trees.</li> <li>Establish trigger points for disengagement during high wind events".</li> </ul>
ALL	<b>TRAFFIC &amp; DRIVING</b>	<ul style="list-style-type: none"> <li>Practice "Defensive Driving" techniques.</li> <li>Use spotters when backing.</li> <li>Always use headlights.</li> <li>Use warning lights when working on roads or traveling in smoke..</li> <li>Reduce speed when dusty, maintain adequate spacing with other vehicles.</li> <li>Some roads are dead end with poor turn around, scout roads first.</li> <li>Watch for livestock</li> </ul>
ALL	<b>SPOT FIRES</b>	<ul style="list-style-type: none"> <li>Size up prior to engagement.</li> <li>Watch for multiple spots.</li> <li>Ensure LCES is in place.</li> <li>Maintain Situational Awareness at all times.</li> </ul>
ALL	<b>FIRE WEATHER</b>	<ul style="list-style-type: none"> <li>Winds increasing or changing direction.</li> <li>Weather becoming hotter and drier.</li> <li>Unstable atmosphere can promote rapid fire growth.</li> </ul>
ALL	<b>FIRING OPERATIONS</b>	<ul style="list-style-type: none"> <li>A written guideline shall be prepared and approved for major burning operations.</li> <li>Conduct thorough briefing for all personnel (inside rear cover IRPG).</li> <li>Qualified personnel for all assignments. Trainees to have qualified trainers.</li> <li>Utilize Risk Mgmt. Process (IRPG p. 1) for implementing the plan.</li> <li>Required PPE to be worn by all personnel involved.</li> <li>Establish LCES prior to implementing burning operations (IRPG p. 7).</li> <li>Assign an over-all Firing Boss to coordinate ignitions when simultaneous burning operations are planned for multiple locations.</li> </ul>
ALL	<b>STEEP TERRAIN &amp; ROLLING DEBRIS</b>	<ul style="list-style-type: none"> <li>Maintain 8'-10' spacing when working &amp; walking.</li> <li>Don't work above any personnel.</li> <li>Evaluate necessity to send personnel in areas with limited access.</li> </ul>
ALL	<b>MOP UP</b>	<ul style="list-style-type: none"> <li>Conduct thorough briefing for all personnel (inside rear cover IRPG).</li> <li>Use all required PPE, including eye protection.</li> <li>Maintain proper spacing and overhead clearance.</li> <li>Be alert for stump holes and root cavities.</li> <li>Minimize exposure to smoke, and rotate personnel into clean air when practical.</li> <li>Evaluate unburned islands/Increase situational awareness.</li> </ul>
ALL	<b>ENVIRONMENTAL HAZARDS</b>	<ul style="list-style-type: none"> <li>Keep alert for wildlife, rattlesnakes, insects, and plants. Watch footing and hand placement around rocks.</li> <li><b>Personal hygiene is #1 when it comes to Poison Oak Prevention.</b></li> </ul>
COVE	<b>MARIJUANA PLANTATIONS</b>	<ul style="list-style-type: none"> <li>Maintain situational awareness.</li> <li>Watch for open areas and sign of improvements or irrigation systems.</li> <li>Be aware of evidence that cultivation has occurred in the area.</li> <li>If you stumble upon an area with probable cultivation be extremely cautious, exit on the same route you arrived and notify supervisor immediately</li> </ul>
ALL	<b>HEAT RELATED ILLNESS (HRI) &amp; DEHYDRATION</b>	<ul style="list-style-type: none"> <li>Drink 2 to 1 water to sports drinks.</li> <li>Take frequent breaks, minimum of 10 minutes every hour.</li> <li>Recognize symptoms of HEAT RELATED ILLNESS which include; Lack of energy, Headaches, dizziness, lack of rest, no hunger, poor eating habits, hot skin, and lack of sweating</li> </ul>
INCIDENT NAME <b>MODOC JULY</b> ICS 215a		DATE PREPARED: <b>July 28, 2017</b> TIME PREPARED: <b>1000 HOURS</b> OPERATIONAL PERIOD <b>Night Shift 07/28/17</b> 1800-0600 Prepared by: T. OConnell, Steve Davis Frank Pingiczer

*Team Safety*

Lookouts  
Communications  
Escape Routes  
Safety Zones

**Modoc July Complex**  
Operation Period: 07/28/29/2017 Night Shift

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**SAFETY MESSAGE**

**Human Factors Errors**

1. Underestimating hazards, and using inadequate safety measures.
2. Failing to notice changing conditions and adjusting tactics accordingly.

**7 Barriers to Situational Awareness**

1. Inexperience.
2. Getting too Comfortable (Complacency, Inattention, Autopilot).
3. Distraction from Primary Duty.
4. Priorities Out of Order.
5. Social Influences (Groupthink, Peer Pressure).
6. Stress Reaction (Tunnel Vision, Mission Fixation).
7. Physical Impairment (Fatigue, Carbon Monoxide, Heat Stress, Medications).

**MAJOR HAZARDS AND RISKS**

STEEP TERRAIN FATIGUE SPOT FIRES	ROLLING MATERIAL DEHYDRATION BUCKET DROPS	HEAVY EQUIPMENT SNAGS COMPLACENCY
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*Be sure all elements of your safety plan are in place prior to engagement*

**Briefing Protocol**

Brief your personnel using the IRPG checklist prior to engagement  
Ask questions to be sure essential content is understood

Re-brief anytime your plan changes, unexpected changes compromise the plan or your safety, or anytime essential information becomes known and needs to be communicated

**Weather Observations**

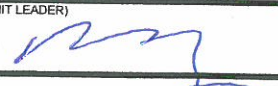
Communicate the fire weather and fire behavior forecast to your personnel

Take local weather observations at your place of work

Communicate the local weather to all of your personnel

Establish decision points to monitor weather issues that can compromise your safety



<b>MEDICAL PLAN</b>	1. INCIDENT NAME <b>MODOC JULY COMPLEX</b>	2. DATE PREPARED 7/28/2017	3. TIME PREPARED 1000 Hrs.	4. OPERATIONAL PERIOD <b>1800-0600 07/28 to 7/29</b>				
	5. INCIDENT MEDICAL AID STATIONS							
MEDICAL AID STATIONS		LOCATION			PARAMEDICS			
					YES	NO		
Medical Unit		ICP			X			
Frontline Medical Trailer		ICP			X			
FEMP and FEMT		Night Group 1			X			
FEMP and FEMT		Night Group 2			X			
6. TRANSPORTATION								
A. AIR RESOURCES								
NAME		ADDRESS		PHONE		PARAMEDICS		
						YES NO		
SEMSA Air 2- (Non-Hoist) NVG Capable		Adin, Ca. 96006		MICC P-530-233-4581 S-530-233-8880		RN/ Medic		
REACH- (Non-Hoist) NVG Capable		3775 Flight Ave. Redding, Ca. 96003		MICC P-530-233-4581 S-530-233-8880		RN/ Medic		
PHI Air Medical -(Non-Hoist) NVG Capable		1524 East St. Redding , Ca 96003		MICC P-530-233-4581 S-530-233-8880		RN/ Medic		
CDF 202 – Hoist Capable, No night Ops.		Bieber CDF		MICC P-530-233-4581 S-530-233-8880		No		
B. INCIDENT AMBULANCES								
NAME		LOCATION			PARAMEDICS			
					YES	NO		
Mountain Medics Ambulance 1		ICP			X			
Mountain Medics Ambulance 2		Crowder Spike			X			
7. HOSPITALS								
NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER	
		AIR	GRND		YES	NO	YES	NO
Modoc Medical Center	228 W. McDowell, Alturas, Ca N 41 28.8 / W 120 22.6	15 M	40 M	530-233-7037	X			X
Rogue Regional Medical Center Level 2 Trauma	E. Barnett Rd Medford, Or N 42 19.80 / W 122 48.91	50 M	2.5 H	541-789-7132	X			X
Mercy Medical Center Level 2 Trauma	2175 Rosaline Ave. Redding, Ca N 40 34.13 / W 122 23.67	50 M	2.5 H	530-225-7201	X			X
Shasta Reg. Medical Center	1100 Butte St. Redding, Ca N 40 58.53 / W 122 38.69	50 M	2.5 H	530-244-5353	X			X
UC Davis Medical Ctr. Level 1 Trauma	2315 Stockton Blvd. Sacramento, Ca. N 38 33.17 / W 121 27.05	1.5H	6 H	916-734-5669 916-734-3636 Burn Center	X		X	
8. MEDICAL EMERGENCY PROCEDURES								
IN-CAMP CARE				LINE EMERGENCIES				
<ul style="list-style-type: none"> <li>Minor Injuries or illnesses</li> </ul>				<ul style="list-style-type: none"> <li>Start of shift: notify your Div Sup of EMT's and equipment you have available for response if needed.</li> </ul>				
<ul style="list-style-type: none"> <li>Unit Open 0600 hrs to 2200 hrs</li> </ul>				<ul style="list-style-type: none"> <li>Contact Communications and declare a medical emergency on command</li> </ul>				
<ul style="list-style-type: none"> <li>Moderate to Severe Injuries or Illnesses</li> </ul>				<ul style="list-style-type: none"> <li>Closest DIVS or designee responds to incident</li> </ul>				
<ul style="list-style-type: none"> <li>Contact Communications directly</li> </ul>				<ul style="list-style-type: none"> <li>Closest SOFR/EMT's respond to assist w/care</li> </ul>				
<ul style="list-style-type: none"> <li>Med Unit staffed after hours for Emergencies</li> </ul>				<ul style="list-style-type: none"> <li>Use attached Injury or Incident Comm. Protocol</li> </ul>				
				<ul style="list-style-type: none"> <li>If ambulance (ground or air) delayed designate rendezvous site and move towards it</li> </ul>				
				<ul style="list-style-type: none"> <li>Secure scene for investigation—keep a log</li> </ul>				
ICS 206 8-78		9. PREPARED BY (MEDICAL UNIT LEADER) P. Young MEDL 			10. REVIEWED BY (SAFETY OFFICER) S. Davis SOF2			



# INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)

<b>1. Incident Name:</b>		<b>2. Date/Time Prepared:</b>		<b>3. Operational Period:</b>	
MODOC JULY COMPLEX		Date: 07/28/2017 Time: 0804		NIGHT	
		Date/Time From: 07/28/2017 1800		Date/Time To: 07/29/2017 0600	
		FRI		SAT	


  

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
	1	COMMAND	ADM TN5	CMD	173.7875 N	0.0	162.4875 N	146.2	A	GROUSE MT T5
	2	COMMAND	ADM TN7	CMD	173.7875 N	0.0	162.4875 N	167.9	A	RED SHALE MT T7 NORTH WEST
	3	COMMAND	NIFC C1	ALT CMD	168.7000 N	0.0	170.9750 N	110.9	A	BLUE MT LO TN1 NORTH
	4	COMMAND	NIFC C9	ALT CMD	170.0125 N	0.0	165.2500 N	110.9	A	GROUSE MT TN1 JULY SOUTH
	5	TACTICAL	NIFC T1	NIGHT GRP 3	168.0500 N	110.9	168.0500 N	110.9	A	
	6	TACTICAL	NIFC T3	UNASSIGNED	168.6000 N	110.9	168.6000 N	110.9	A	
	7	TACTICAL	NIFC T5	NIGHT GRP 1	166.7250 N	110.9	166.7250 N	110.9	A	
	8	TACTICAL	NIFC T6	NIGHT GRP 2	166.7750 N	110.9	166.7750 N	110.9	A	
	9	AIR TO GROUND	A/G CMD	ALL DIVISIONS	169.0875 N	0.0	169.0875 N	0.0	A	Order up air Resources
	10	AIR TO GROUND	A/G TAC	ALL DIVISIONS	165.0000 N	0.0	165.0000 N	0.0	A	Communicate with Ordered Resource
	11	TACTICAL	R5 T4		166.5500 N	0.0	166.5500 N	0.0	A	
	12	TACTICAL	R5 T5		167.1125 N	0.0	167.1125 N	0.0	A	
	13	TACTICAL	R5 T6		168.2375 N	0.0	168.2375 N	0.0	A	
	14	CH 14							A	
	15	TACTICAL	CALCORD	ALL DIVISIONS	156.0750 N	156.7	156.0750 N	156.7	A	tone 6 156.7
	16	AIR GUARD	AIR GUARD	ALL DIVISIONS	168.6250 N	0.0	168.6250 N	110.9	A	EMERGENCY USE ONLY TONE 1

<b>5. Special Instructions:</b>	
July Communication 1-925-588-6853	

<b>6. Prepared By</b>	Name: DON STONER	Signature: 
(Communications Unit Leader)	IAP Page	Date/Time: 07/28/2017 0804

## ***TRAINING SPECIALIST MESSAGE***

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

*A Trainee Registration Form is Attached*

**The TNSP Desk is located in the ICP adjacent to "Communications"**

**Trainees Assigned to Spike Camp: A NorCal 2 Team Member will be available following Briefing to collect completed Trainee Registration Forms.**

**It is to your advantage to register your training assignment as early in the incident as possible.**

**Plan Ahead !**

***Brad Smith***  
Training Specialist

# INCIDENT TRAINEE REGISTRATION FORM

Complete **ALL** fields and return to Training Specialist or DROP BOX for entry into database.

Remember to close out training packets with the Training Specialist before DEMOB.

## **TRAINEE's DATA**

Name (PRINT ): \_\_\_\_\_ ICS Trainee Position: \_\_\_\_\_

Request # (A,C,E,or O): \_\_\_\_\_ Agency Designator (Ex. CA-MNF): \_\_\_\_\_

USFS\_\_\_ State\_\_\_ BLM\_\_\_ BIA\_\_\_ NPS\_\_\_ FWS\_\_\_ Local Govt. \_\_\_ DOD\_\_\_ NWS\_\_\_

Is This A Regional or Local Priority Assignment? Yes No Ordered as a Trainee? Yes No

Date Assigned: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

## **Your Qualifications Coordinator : (Chief, Training Officer, ect)**

Name: \_\_\_\_\_

Name of Home Unit: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_ Phone: \_\_\_\_\_

(Optional) Check to email copy of records to your home unit.

Training Officer's Email Address \_\_\_\_\_

## **TRAINEE PREREQUISITES**

1. Valid Red Card or agency certification card? \_\_\_\_\_Yes \_\_\_\_\_No

2. Trainee has current position task book issued by home unit? \_\_\_\_\_Yes \_\_\_\_\_No

Priority Open Tasks in PTB (You Want to Accomplish On This Incident)

1) \_\_\_\_\_

2) \_\_\_\_\_

3) \_\_\_\_\_

## **YOUR TRAINER/EVALUATOR's DATA**

Trainer/Evaluator Name: \_\_\_\_\_ ICS position on Incident \_\_\_\_\_

Home Unit: \_\_\_\_\_ Agency Designator(ex. CA-MNF): \_\_\_\_\_

Work Address: \_\_\_\_\_ City: \_\_\_\_\_

State: \_\_\_\_\_ Zip Code: \_\_\_\_\_ Cell Phone: \_\_\_\_\_



# NORCAL 2 INCIDENT MANAGEMENT TEAM WATER USAGE LOG

DATE: \_\_\_\_\_

Division / Group: \_\_\_\_\_

AGENCY ID / VENDOR: \_\_\_\_\_

I.e.. Strike Team 1110C, Acme Water Tenders

REQUEST # \_\_\_\_\_

**TURN INTO FINANCE DAILY**

WATER SOURCE LOCATION	Hydrant	Open source i.e. pond	Tank	Gallons Used	Property Owner / Contact Number if known **

**\*\*Please note if you made contact with property owner and their contact.  
(Use reverse side if needed.)**

Information: \_\_\_\_\_

The intent of this document is intended to track, record and validated the amount of water used on an incident. It's not intended to review the performance of equipment using the water on an incident.

# NorCal 2 Division Fireline Order Form

Date & Time Order was placed	Order # (DIVS + #)	MODE OF DELIVERY	LOCATION OF Delivery
Current Date and Time:		GROUND SUPPORT	DIV, DP, LZ Lat Long
DATE NEEDED:		PICK UP IN SUPPLY	
TIME NEEDED:		HELO	

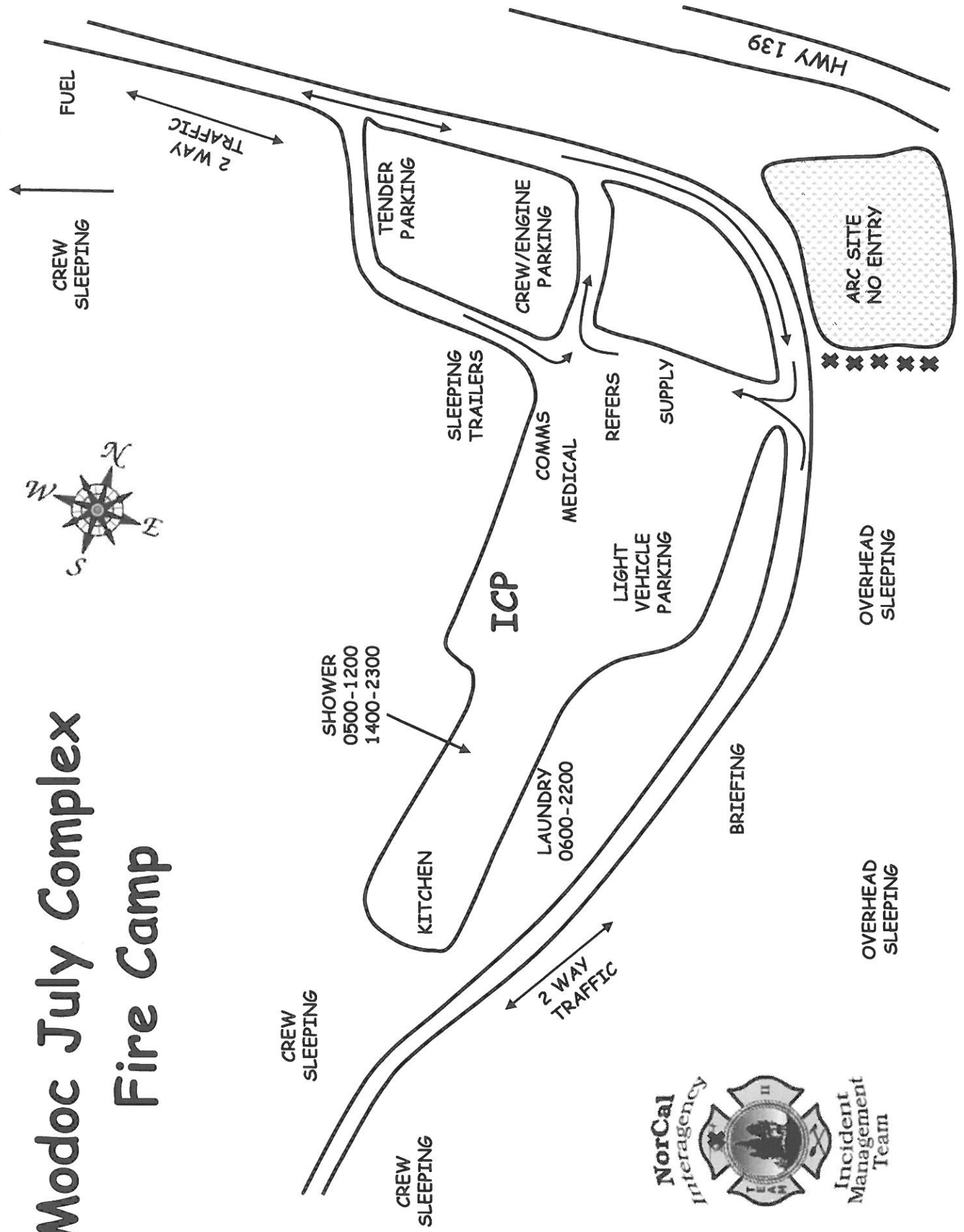
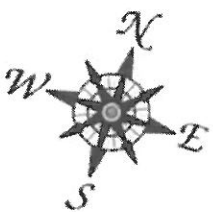
Order received in COMMUNICATIONS by:	Name:	Time:
Order Received in SUPPLY by:	Name:	Time:
Order shipped by Transportation or PU in Suppl	Name:	Time:

PLEASE ORDER BY ITEM NUMBER

<b># Item 1 - IS the following: (i.e. if you need 3000' of hose &amp; appliances, = 3 Hose Kit A's" or 3 item # 1's</b>					
1 '1,000 Foot Hose Lay' and includes:					
10ro 1½" Hose; 10ro 1" Hose; 10ea 1½" Gated Wyes; 10ea 1½" to 1" reducers; 10ea 1" nozzles					
#	Item	<u>Amount</u>	#	Item	<u>Amount</u>
1	Hose Kit A				
2	Hose (100'), 1½"		28	Fuses (Boxes or Cases?)	
3	Hose (100'), 1"		29	Batteries "AA" PKGs (24/PKG)/BX	
4	Hose (50') garden, ¾"		30	Ribbon, Flagging (Specify Color)	
5	Nozzle, KK Type, 1½"		31	Shovel	
6	Nozzle, KK Type, 1"		32	Pulaski	
7	Nozzle, Forester, 1"		33	Combi Tool	
8	Nozzle, Garden, ¾"		34	McCloud	
9	Wye, Gated, 1½"		35	Washcloth, waterless, cleansing	
10	Wye, Gated, 1"		36	Sprinkler Kit	
11	Wye, Gated, ¾"		37	Mop-Up Kit, 3-Wand	
12	Inline-Tee, (1½" x 1")		38	Chainsaw Kit / {accountability #}	
13	Reducer, 1½"x 1"		39	Water, Cubies	
14	Reducer, 1"x ¾"		40	Water, Bottled, Cases	
15	Shut Off ¾"		41	Gatorade, Cases	
16	Foam 5 gal		42	MRE's (12/BX)	
17	Backpack Pump			ANYTHING NOT LISTED ABOVE:	
18	Pumpkin 1500 / 3000 / 6000 gal order size				
19	Folding-Tank 1000 / 1500 gal order size				
<b><u>PUMP KITS</u></b>					
20	Lightweight / {accountability #}				
21	Mark III / {accountability #}				
22	Fuel Unleaded (5 Gal cans)			ACCOUNTABILITY PROPERTY #'S HERE:	
23	Fuel Drip Torch (5 gal cans)				
24	Fuel Diesel (5 gal cans)				
25	2 Cycle oil (Pints)				
26	Bar Oil (Qts)				
27	Drip Torch (ea)				

SPECIAL NOTES:

# Modoc July Complex Fire Camp







FOR ALL MEDICAL EMERGENCIES: IDENTIFY ON SCENE INCIDENT COMMANDER BY NAME AND POSITION AND ANNOUNCE "MEDICAL EMERGENCY" TO INITIATE RESPONSE FROM IMT COMMUNICATIONS/DISPATCH.

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

**1. CONTACT COMMUNICATIONS/DISPATCH**

Ex: "Communications, Div. Alpha. Stand-by for Priority Medical Incident Report." (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		Name of IC
Patient Care		Name of Care Provider (Ex: EMT Smith)

**3. INITIAL PATIENT ASSESSMENT:** Complete this section for each patient. This is only a brief, initial assessment. Provide additional patient info after completing this 9 Line Report.

Number of Patients:	Male / Female	Age:.	Weight:.
Conscious? <input type="checkbox"/> YES <input type="checkbox"/> <b>NO = MEDEVAC!</b>			
Breathing? <input type="checkbox"/> YES <input type="checkbox"/> <b>NO = MEDEVAC!</b>			
Mechanism of Injury: What caused the injury?			
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 Life threatening injury or illness.</b> Ex: Unconscious, difficulty breathing, bleeding severely, 2° – 3° burns more than 4 palm sizes, heat stroke, disoriented.	Ambulance or MEDEVAC helicopter. Evacuation need is <b>IMMEDIATE.</b>
<input type="checkbox"/> <b>PRIORITY-YELLOW Serious Injury or illness.</b> Ex: Significant trauma, not able to walk, 2° – 3° burns not more than 1-2 palm sizes.	Ambulance or consider air transport if at remote location. Evacuation may be <b>DELAYED.</b>
<input type="checkbox"/> <b>ROUTINE-GREEN</b> Not a life threatening injury or illness. Ex: Sprains, strains, minor heat-related illness.	Non-Emergency. Evacuation considered <b>Routine 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:**

- |  |                                      |  |
|--|--------------------------------------|--|
| <input type="checkbox"/> Paramedic/EMT(s)                                  | <input type="checkbox"/> Crew(s)     | <input type="checkbox"/> SKED/Backboard/C-Collar |
| <input type="checkbox"/> Burn Sheet(s)                                     | <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) |                                      |  |

**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:**