

Incident Action Plan

Marble Fire

CA-SRF-000703

P5K7AX17 (0510)

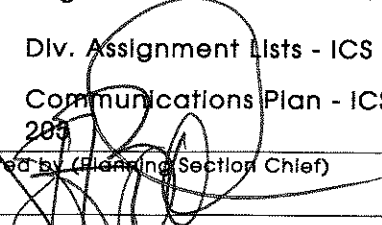
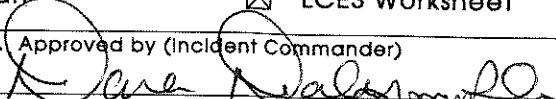


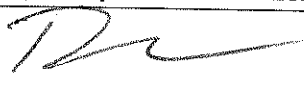
SATURDAY

DAY SHIFT

07/22/17

0600 - 1800

INCIDENT OBJECTIVES	1. Incident Name Marble Fire	2. Date 7/21/2017	3. Time 21:49
4. Operational Period 07/22/2017 0600-1800			
5. General Control Objectives for the Incident (Include alternatives) MANAGEMENT OBJECTIVES <ul style="list-style-type: none"> • Ensure that strategies and tactics provide for firefighter and public safety through the application of sound risk management principles. • Ensure that all suppression actions are commensurate with the values at risk. • Minimize undesirable suppression impacts by employing only tactics that have the highest probability of success while minimizing firefighter exposure. • Establish and strengthen cooperator, partner, and stakeholder relationships. OPERATIONAL OBJECTIVES Keep the fire: <ul style="list-style-type: none"> • North of Marble Mtn. Ranch, surrounding private properties and natural resources. • South of the Marble Mtn. Wilderness to protect wilderness values. • East of Hwy 96 to protect critical highway infrastructure and private property. • West of Bald Butte to protect spotted owl habitat. 			
6. Weather Forecast for Period See attached forecast			
7. General Safety Message See attached safety message			
8. Attachments (mark if attached)			
<input checked="" type="checkbox"/> Organization List - ICS 203 <input checked="" type="checkbox"/> Medical Plan - ICS 206 <input checked="" type="checkbox"/> Weather <input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204 <input type="checkbox"/> Incident Map <input checked="" type="checkbox"/> Safety Message <input checked="" type="checkbox"/> Communications Plan - ICS 203 <input type="checkbox"/> Traffic Plan <input checked="" type="checkbox"/> LCES Worksheet			
9. Prepared by (Planning Section Chief) 		10. Approved by (Incident Commander) 	

ORGANIZATION ASSIGNMENT LIST		9. Operations Section	
1. Incident Name Marble Fire		Day Ops Chief	Eric Petterson / Bill Kouche
2. Date 7/21/2017		Night Ops Chief	Scott Lucas
3. Time 21:50		Planning Ops	Dan George / Heather McRae (t)
4. Operational Period 7/22/2017 0600 - 1800		a. Branch I - Division/Groups	
Position	Name	Branch	
		Division/Group	A Tom Browning / Terry Lim (t)
		Division/Group	M Shepley Schroth-Cary / Jason Powers (t)
5. Incident Commander and Command Staff		Division/Group	Z Steve Raymer / Logan Sanders (t)
Incident Commander	Rick Young	Division/Group	CONTINGENCY Mario Gomez / Brad Rafeedy (t)
Deputy IC	Daren Dalrymple	Division/Group	ROAD John Fell
Liaison	Tim Fike / Kip Morrill (t)	Division/Group	
Safety Officer	Steve Davis / Terry O'Connell / Frank Pingiczer		
Information Officer	Adrienne Freeman	b. Branch II - Division/Groups	
6. Agency Representative		Branch	
Agency	Name	Division/Group	
SRF Agency Admin	Nolan Colegrove / Michael Green (t)	Division/Group	
		Division/Group	
Designated Tribal Rep.	Earl Crosby	Division/Group	
Resource Advisor	Jennifer Dyer	Division/Group	
Cultural Heritage Consultant		c. Branch III - Division/Groups	
		Branch	
		Division/Group	
		Division/Group	
		Division/Group	
		Division/Group	
7. Planning Section		d. Air Operations Branch	
Chief	Jeff Buscher	Air Operations Branch Director	Dennis Kuster
Deputy		Air Support Group Supervisor	Staci Dickson
Resources Unit	Duane Miller	Air Tactical Group Supervisor	
Situation Unit	Matt Brown / Ryan Wakefield (t)	Helitack Base Manager	
Documentation Unit			
Demobilization Unit	Roberta Lim / Mike Dunkel (t)		
Fire Behavior Unit	Ken Larson		
Incident Meteorologist		10. Finance Section	
CTSP	Shane Neal / Zach Sohl	Chief	Beth Lopez
Training Specialist	Brad Smith / Ginessa Stark (t)	Personnel Time Unit	Penny Portlock
GISS	Melanie Rossi	Equipment Time Unit	Juanita Cortez
HRSP		Cost Unit	Sam Rapphahn
Status Check-In	Heather Argo (t)	Compensation / Claim Unit	Tiny Kennedy
		IBA	
8. Logistics Section		Prepared By Duane Miller - RESL	
Chief	Jack Costello		
Deputy	Mike Heckendorn		
Supply Unit	Mark Allen / Mani Boslaugh		
Facilities Unit	Ric Crowthers		
Ground Support Unit	John Fell / Merle Drucker		
Communications Unit	Don Stoner		
Medical Unit	Patrick Young		
Food Unit	Kevin Browning		

Spot Forecast for Marble Fire...

**National Weather Service Eureka CA
120 PM PDT Fri Jul 21 2017**

**Forecast is based on request time of 1800 PDT on July 21.
If conditions become unrepresentative...contact the National Weather Service.**

**Warmer and drier this weekend...
Poorer humidity recoveries tonight...**

DISCUSSION...Strong warming and drying will develop tonight and last through the weekend in response to developing offshore flow. Gusty northeast winds tonight over the upper elevations will result in poorer RH recoveries, especially for exposed locations above 2500 feet. Winds near the valley floor should be lighter tonight with upslope/up-valley winds during the day on Saturday. Daytime humidities, however, will likely bottom out in the mid teens and mid 20's on Saturday. Gusty ridge level easterly winds will redevelop Saturday night. Also, there is a slight threat for isolated thunderstorms Sunday afternoon and evening.

TONIGHT...

**Sky/weather.....Clear. Patchy smoke.
CWR.....0 percent.
LAL.....1.
Min temperature.....Around 55-61.
Max humidity.....50 to 60 percent.
Wind (20 ft).....North winds 5 to 10 mph...shifting to the northeast after midnight. A few gusts around 20 mph.
Mixing height.....3100 ft AGL decreasing to 500-900 ft AGL overnight.
Transport winds.....North 10 mph.**

SATURDAY...

**Sky/weather.....Sunny.
CWR.....0 percent.
LAL.....1.
Max temperature.....Around 95-100.
Min humidity.....15-25 percent.
Wind (20 ft).....Northeast winds 5 to 10 mph...becoming up-slope and up-valley around 5 mph in the afternoon.
Mixing height.....500 ft AGL increasing to 3200 ft AGL.
Transport winds.....Northeast 14 mph.**

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 003	TYPE OF FIRE: Wildfire Full Suppression
FIRE NAME: Marble	OPERATIONAL PERIOD: 7-22-17 Day Shift
DATE ISSUED: 7-21-17	TIME ISSUED: 0600
UNIT: CA-SRF	SIGNED: <u>Matt Brown</u>
	Typed/printed: Matt Brown LTAN(t)

INPUTS

WEATHER SUMMARY:

High Temperatures of 95-100. Winds N to NE 5-10 with gusts up to 20.
Minimum humidity of 15-20%.

Offshore winds are expected to continue after poor overnight RH recovery.

OUTPUTS

FIRE BEHAVIOR

GENERAL:

The fire is burning in an area with little to no recorded recent fire history. The dead fuel inventory is substantial. The fires spread is primarily due to terrain winds, abundant dead fuels, and slightly below average 1000 hr fuel moisture. Dead fuels continue to support combustion and contribute to short range spotting. With the exception of some Oak species, most live fuel moistures are above average although trending toward average.

SPECIFIC:

NNE portions of the fire will experience favorable winds as the offshore flow develops. Continued favorable conditions as down slope winds combine with the off shore flow. Expect wind battles at the higher elevations as terrain winds establish in the afternoon.


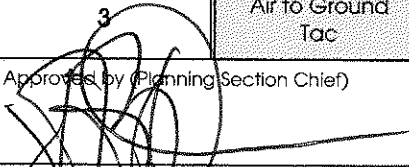
Lower elevations and more western sides of the fire will experience adverse winds with the development of the offshore flow. These will usually surface at night and combine with the normal downslope winds. Containment will be tested in DIV A/Z if these winds develop and are able to mix down to lower elevations.


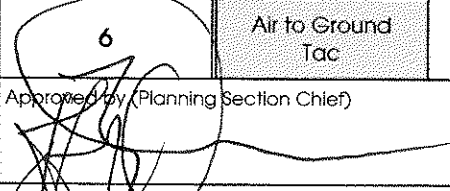
AIR OPERATIONS:

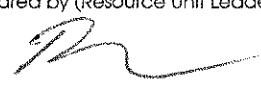
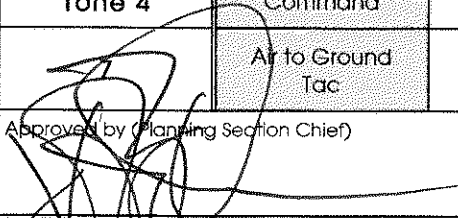
Visibility will be good early in the operational period. Smoke dispersion will be to the NNE with transport winds reaching 8 mph. Mixing height will vary throughout establishing at 1000 ft in the morning and increasing to 5000 feet in the afternoon. NE flow is expected to develop after sundown.

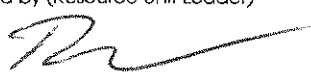
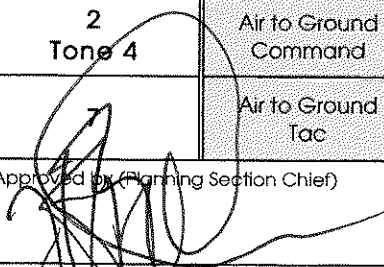
SAFETY

The RH recovery was poor in upper elevations. Dead fuels smoldered throughout the night in most locations. This may have pre-condition the canopy for some uphill runs in aligned drainages during the operational period. Take time to monitor burning conditions and communicate concerns where overnight burning conditions have created unsafe areas of scorched fuels and re-burn potential. Watch for green trees to fall. Intense ground and surface fire may have weakened root structures.

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group A		
3. Incident Name Marble Fire			4. Operational Period DAY OPERATIONS Date: 07/22/17 Time: 0600-1800				
5. Operations Personnel							
Operations Chief		Eric Petterson Bill Kouche (t)		Division/Group Supervisor		Tom Browning / Terry Lim (t)	
Branch Director				Air Operations Branch Director		Dennis Kuster	
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Last Shift	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time	
HC1 Truckee C-4	Bobby Hubby	8/2	18	N	DP 5 / 0700	1800	
ENG3 ST4660 E-7	Mark Longshore / Nadine Fretwell (t)	8/2	27	N	DP 5 / 0700	1800	
DOZ2 SRF E-77	Jay Dillon	8/1	2	N	DP 5 / 0700	1800	
WT2 TT Construction E-9	Burt King	8/3	1	N	DP 5 / 0700	1800	
WT2 TT Construction E-10	Chris Wilson	8/3	1	N	DP 5 / 0700	1800	
FOBS O-36	Jere Miller	8/3	1	N	DP 5 / 0700	1800	
FOBS O-87	Eamon Engber (t)	8/3	1	N	DP 5 / 0700	1800	
SOFR O-38	Steve Femmell	8/2	1	N	DP 5 / 0700	1800	
FEMP O-40	Brandon Whitney	8/3	1	N	DP 5 / 0700	1800	
FEMT O-23	Kerrick Sollesnes	8/3	1	N	DP 5 / 0700	1800	
7. Control Operations							
<ul style="list-style-type: none"> Hold and improve existing control lines from Division A / M break. Mop up to the extent necessary to minimize the probability of escape while ensuring personnel safety. 							
8. Special Instructions							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 166.6125 TX 168.4000	NIFC C4	2 Tone 4	Air to Ground Command	RX 169.1500 TX 169.1500	A/G CMD	8
Tactical Division/Group	RX 168.0500 TX 168.0500	NIFC T1	3	Air to Ground Tac	RX 166.6750 TX 166.6750	A/G TAC	9
Prepared by (Resource Unit Leader)			Approved by (Planning Section Chief)			Date	Time
						7/21/2017	22:06

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group Z		
3. Incident Name Marble Fire			4. Operational Period DAY OPERATIONS Date: 07/22/17 Time: 0600-1800				
5. Operations Personnel							
Operations Chief		Eric Petterson / Bill Kouche (t)		Division/Group Supervisor		Steve Raymer / Logan Sanders (t)	
Branch Director				Air Operations Branch Director		Dennis Kuster	
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Last Shift	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time	
HC2IA Diamond Fire C-6		8/2	20	N	DP 1 / 0700	1800	
ENG3 ST3675 E-57	Dan Eiszele / Keith Smith (t)	8/3	27	N	DP 1 / 0700	1800	
DOZ2 KNF 1 E-5	Lance Tupman	8/3	2	N	DP 1 / 0700	1800	
WT2 Let-Er-Buck E-11	Steve Lassen	8/3	1	N	DP 1 / 0700	1800	
WT2 Kiser E-12	Kyle Kiser	8/3	1	N	DP 1 / 0700	1800	
EMPF O-22	Ron Sandler	8/3	1	N	DP 1 / 0700	1800	
FEMT O-43	Brent Weber	8/3	1	N	DP 1 / 0700	1800	
READ*	Jennifer Dyer		1				
READ*	Earl Crosby		1				
READ*	Vikki Preston		1				
7. Control Operations							
<ul style="list-style-type: none"> • Hold and improve constructed line between Hwy 96 and Bald Butte. • Mop up to the extent necessary to minimize the probability of escape while ensuring personnel safety. 							
8. Special Instructions							
<ul style="list-style-type: none"> • * Resource Advisors will be working within Division during operational period. 							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 166.6125 TX 168.4000	NIFC C4	2 Tone 4	Air to Ground Command	RX 169.1500 TX 169.1500	A/G CMD	8
Tactical Division/Group	RX 166.7250 TX 166.7250	NIFC T5	6	Air to Ground Tac	RX 166.6750 TX 166.6750	A/G TAC	9
Prepared by (Resource Unit Leader)			Approved by (Planning Section Chief)			Date	Time
						7/21/2017	22:56

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group Contingency			
3. Incident Name Marble Fire			4. Operational Period Date: 07/22/17		DAY OPERATIONS Time: 0600-1800			
5. Operations Personnel								
Operations Chief		Eric Petterson / Bill Kouche (t)		Division/Group Supervisor		Mario Gomez / Brad Rafeedy (t)		
Branch Director				Air Operations Branch Director		Dennis Kuster		
6. Resources Assigned this Period								
Strike Team/Task Force/ Resource Designator		Leader		Last Shift	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
DOZ2 Cattaneo W/LOWB E-15				8/2	2	N	DP 42 / 0700	1800
DOZ2 Mobley W/LOWB E-16		Todd Anderson		8/2	2	N	DP 42 / 0700	1800
TFLD O-15		Abel Mattson		8/2	1	N	DP 42 / 0700	1800
TFLD O-14		Jesse Parry (t)		8/2	1	N	DP 42 / 0700	1800
HEQB O-86		Bruce Robison		8/2	1	N	DP 42 / 0700	1800
HEQB O-110		Scott Powell (t)		8/3	1	N	DP 42 / 0700	1800
7. Control Operations								
<ul style="list-style-type: none"> Scout contingency line East of fire area. Assess opening Forest Service 13N11 road. 								
8. Special Instructions								
9. Division/Group Communication Summary								
Function	Frequency	System	Channel	Function	Frequency	System	Channel	
Command	RX 166.6125 TX 168.4000	NIFC C4	2 Tone 4	Air to Ground Command	RX 169.1500 TX 169.1500	A/G CMD	8	
Tactical Division/Group	RX 166.7750 TX 166.7750	NIFC T6		Air to Ground Tac	RX 166.6750 TX 166.6750	A/G TAC	9	
Prepared by (Resource Unit Leader)			Approved by (Planning Section Chief)			Date	Time	
						7/21/2017	21:54	

DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group <h2 style="text-align: center;">Road</h2>			
3. Incident Name <h3 style="text-align: center;">Marble Fire</h3>		4. Operational Period Date: 07/22/17		DAY OPERATIONS Time: 0600-1800			
5. Operations Personnel							
Operations Chief		Eric Petterson / Bill Kouche (†)		Division/Group Supervisor		John Fell	
Branch Director				Air Operations Branch Director		Dennis Kuster	
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Last Shift	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time	
WT2 Zabel Trucking E-33	Lewis Cormier	8/3	1	N	ICP / 0700	1800	
WT2 Darrah E-71	Wayne Virag	8/4	1	N	ICP / 0700	1800	
WT2 Darrah E-72	Rick Resh	8/4	1	N	ICP / 0700	1800	
WT2 Darrah E-73	Stan Cargo	8/4	1	N	ICP / 0700	1800	
EQPI O-69	Jerry Overton	8/4	1	N	ICP / 0700	1800	
7. Control Operations • Maintain and water roads as needed.							
8. Special Instructions							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 166.6125 TX 168.4000	NIFC C4	2 Tone 4	Air to Ground Command	RX 169.1500 TX 169.1500	A/G CMD	8
Tactical Division/Group	RX 166.7750 TX 166.7750	NIFC T6		Air to Ground Tac	RX 166.6750 TX 166.6750	A/G TAC	9
Prepared by (Resource Unit Leader)			Approved by (Planning Section Chief)			Date	Time
						7/21/2017	21:54

AIR OPERATIONS SUMMARY

Prepared By: Dennis Kuster

Prepared Date: 7/21/2017


Prepared Time: 20:00

1. INCIDENT NAME: Marble	2. OPS PERIOD DATE: 7/22/2017	START TIME: 0800	END TIME: 2100	SUNRISE: 0600	SUNSET: 2041
3. REMARKS (Safety Notes, Hazards, Air Operations, Special Equipment, etc.): Watch for wires in river canyon. Beware of rapidly changing VFR conditions due to smoke No fly zone near Sugarloaf. 41 38.695, 123 49.637. 5 Miles. Until 7/25.					
			4. READY ALERT AIRCRAFT MEDEVAC 502,503 I.A. - 502,503		
			5. TFR #: 7/3892		

6. PERSONNEL	NAME	PHONE #	7. FREQUENCIES	AM	FM	8. FIXED-WING- Type/ Make-Model/ N#/ Base
AOBD	Dennis Kuster	209 352-0855	AIR/ AIR FW		167.950	AIRTANKERS - Ordered by ATGS
ASGS	Staci Dickson	530-277-5153	AIR/ AIR RW	118.025		LEAD PLANES- Ordered by ATGS
ATGS	Derek Wheeler		AIR/ AIR RW- TFR			05
ASGS			A/G Command		169.150	
			A/G Tactical		166.6750	
HEB1	Bill Lampert		COMMAND	rx	Plan	SRF ECC Aircraft Dispatcher 707-726-1266
HEB2				tx		OTHER FW AIRCRAFT-
Scott Valley	Helibase	530-468-1294	DECK		163.100	
Air Ops Desk			TOLC			
			AERIAL FIRING			

9. HELICOPTERS (Use Additional Sheets as Necessary)													
FAA N#	T	MAKE/ MODEL	BASE	AVAIL	START	REMARKS	FAA N#	T	MAKE/ MODEL	BASE	AVAIL	START	REMARKS
502	2	Bell 205A1++		0900	0900			Y					
506	2	Bell205A1++			0900								
4TH	1	Kamax											
1KA	1	Kamax											
9125M	1	S64											
503	3	Bell407											

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

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES
ALL	DANGER TREES	<ul style="list-style-type: none"> Follow "Hazard Tree Safety" guidelines, IRPG pages 22. 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".
ALL	TRAFFIC & DRIVING	<ul style="list-style-type: none"> Practice "Defensive Driving" techniques. Use spotters when backing. Always use headlights. Use warning lights when working on roads or traveling in smoke.. Many roads are narrow and mid slope, use caution. Some roads are dead end with poor turn around, scout roads first. Keep speeds down on Hwy 96, road is rough in spots.
ALL	SPOT FIRES	<ul style="list-style-type: none"> Size up prior to engagement. Watch for multiple spots. Ensure LCES is in place. Maintain Situational Awareness at all times.
DIV A, Z	STRUCTURE PROTECTION	<ul style="list-style-type: none"> Ensure LCES is in place Review Structure Protection; IRPG pages 12-16 Do not commit to stay on a structure unless the area around the structure represents an adequate safety zone Set trigger points to disengage and allow adequate time to relocate to primary and secondary safety zones Look for propane tanks and other hazardous materials
ALL	FIRING OPERATIONS	<ul style="list-style-type: none"> Maintain situational awareness. Watch for open areas and sign of improvements or irrigation systems. Be aware of evidence that cultivation has occurred in the area. If you stumble upon an area with probable cultivation be extremely cautious, exit on the same route you arrived and notify supervisor immediately.
ALL	MOP UP	<ul style="list-style-type: none"> Conduct thorough briefing for all personnel (inside rear cover IRPG). Use all required PPE, including eye protection. Maintain proper spacing and overhead clearance. Be alert for stump holes and root cavities. Minimize exposure to smoke, and rotate personnel into clean air when practical.
Cont.	CHIPPER OPERATIONS	<ul style="list-style-type: none"> Ensure JHA is provided and signed by operators. Only qualified personnel will feed the chipper. Ensure appropriate PPE is used including eye and hearing protection.
ALL	STEEP TERRAIN & ROLLING DEBRIS	<ul style="list-style-type: none"> Maintain 8'-10' spacing when working & walking. Don't work above any personnel. Evaluate necessity to send personnel in areas with limited access.
ALL	ENVIRONMENTAL HAZARDS	<ul style="list-style-type: none"> Keep alert for wildlife, rattlesnakes, insects, and plants. Watch footing and hand placement around rocks. Personal hygiene is #1 when it comes to Poison Oak Prevention.
ALL	AIR OPERATIONS	<ul style="list-style-type: none"> 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	HEAT RELATED ILLNESS (HRI) & DEHYDRATION	<ul style="list-style-type: none"> Drink 2 to 1 water to sports drinks. Take frequent breaks, minimum of 10 minutes every hour. 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
DIV A, Z Cont.	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. Use a spotter when backing.
INCIDENT NAME MARBLE ICS 215a		DATE PREPARED: <p style="text-align: center;">July 21, 2017</p> TIME PREPARED: 1600 HOURS
		OPERATIONAL PERIOD Day Shift 07/22/17 0600-1800 Prepared by: T. OConnell, Steve Davis Frank Pingiczer 

**Lookouts
Communications
Escape Routes
Safety Zones**

Marble Incident
Operation Period: 07/22/2017 Day Shift

SAFETY MESSAGE

Stay focused on the safety aspects of your assignment

- Ensure LCES is in place prior to engagement.
- Establish decision points when conditions can deteriorate.
- Take weather observations.
- Monitor the fire environment for changes in the fuel, topographic and weather elements. Forecast the fire behavior.
- Evaluate the work area for hazards, communicate hazards, mitigate or avoid the hazards.

MAJOR HAZARDS AND RISKS

STEEP TERRAIN FATIGUE SPOT FIRES	ROLLING MATERIAL DEHYDRATION BUCKET DROPS	HEAVY EQUIPMENT HAZARD TREES POISON OAK
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Be sure all elements of your safety plan are in place prior to engagement

Watch for Rolling Material

Post lookout(s) to warn of rolling material and ignitions below the line.

Consider locating line in a defensible position.

Do you have two escape routes if rolling material ignites fuel below you.

Can you adequately trench the line based on steepness of slope and soil conditions.

Working with Helicopter Drops

Do you have good communications?

Does the pilot have a clear understanding Of the target?

Are trees and snags in the drop zone?

Are ground crews clear of the area?

What is the turnaround time for the helicopter?

Are people on the ground aware of the effects of the helicopter's rotorwash?

Give feedback to the pilot about drop accuracy. Be honest and constructive.

MEDICAL PLAN	1. INCIDENT NAME Marble Fire	2. DATE PREPARED 07/21/17	3. TIME PREPARED 2000	4. OPERATIONAL PERIOD 07/22/17 0600-1800				
5. INCIDENT MEDICAL AID STATIONS								
MEDICAL AID STATIONS	LOCATION	PARAMEDICS						
		YES	NO					
Medical Unit	ICP	x						
Mountain Medics Trailer	ICP	X						
Mountain Medics Ambulance 1	DP 92	X						
FEMP Whitney and FEMT Sollesnes	Division A	X						
FEMP Sandler FEMT Weber	Division Z	X						
6. TRANSPORTATION								
A. AIR RESOURCES								
NAME	LOCATION	PHONE	PARAMEDICS					
			YES	NO				
Reach and PHI	Redding, CA	Incident Command	x					
CHP H- 14 and H16	Redding, CA	Incident Command		x				
Cal Fire H-102	Kneeland, CA	Incident Command		x				
B. INCIDENT AMBULANCES								
NAME	LOCATION	PARAMEDICS						
		YES	NO					
Hoopa Ambulance	535 Airport Rd. Hoopa, Ca.	X						
Happy Camp Ambulance	38 Park Way, Ca.							
Arcata-Mad River Ambulance	220 F St. Arcata, Ca.	x						
7. HOSPITALS								
NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER	
		AIR	GRND		YES	NO	YES	NO
St. Joseph Hospital (Level 3) N 40' 47.088 W 124' 08.597	2700 Dolbeer St. Eureka, Ca 95501	20 Min	2 Hr	707-442-8646	x			X
Mad River Hospital N 40' 53.217 W 124' 05.456	3800 Janes Road Arcata, Ca	15 Min	2 Hr	707-822-3621	x			x
Mercy Medical Center (Level 2) N 40' 34.290 W 122' 23.130	2175 Rosaline Ave Redding, Ca	1 Hr	2.5hr	530-225-6000	x			X
UC Davis (Level1 Trauma) N 38' 33.170 W 121' 27.050	2315 Stockton Blvd Sacramento, CA	1.5 Hr	5 Hr	916-734-3636 Burn Unit 916-734-3790 ER	x		x	
8. MEDICAL EMERGENCY PROCEDURES								
IN-CAMP CARE				LINE EMERGENCIES				
<ul style="list-style-type: none"> • Minor Injuries or illnesses <ul style="list-style-type: none"> • Seek Aid directly at the Frontline Medical Unit, report all injuries or illnesses to supervisor • Unit Open 0600 hrs to 2200 hrs • Moderate to Severe Injuries or Illnesses <ul style="list-style-type: none"> • Contact Communications directly • Med Unit staffed after hours for Emergencies 				<ul style="list-style-type: none"> • <u>Start of shift:</u> notify your Div Sup of EMT's/Paramedic's and Medical gear carried by crew • Crew Supervisor contacts Division with Nature of Emergency. • Division Supervisor contact's Communications and declare a medical emergency on command • Closest DIVS or designee responds to incident <ul style="list-style-type: none"> • Closest SOFR/EMT's respond to assist w/care • Use attached Injury or Incident Comm. Protocol • If ambulance (ground or air) delayed designate rendezvous site and move towards it • Secure scene for investigation—keep a log 				
ICS 206 8-78	9. PREPARED BY (MEDICAL UNIT LEADER) Patrick Young MEDL			10. REVIEWED BY (SAFETY OFFICER) Steve Davis SOFT 2				

INCIDENT RADIO COMMUNICATIONS PLAN

Incident Name

MARBLE CA-SRF-000703

Date/Time Prepared

07/21/2017, 2000

Operational Period Date/Time

07/22/2017, 0600-1800

Zn / Ch	Function	Channel Name/Trunked talkgroup	Assignment	RX Freq	RX Tone/NAC	TX Freq	TX Tone/NAC	Mode A, D, M	Remarks
1	Command	FOREST RPT	ALT CMD	172.3750	0.0	164.1750	0.0	A	T7 UKONOM, T5 ORLEANS
2	C4	NIFC C4	CMD	166.6125	0.0	168.4000	0.0	A	T4 UKONOM Mt
3	Tactical	NIFC T1	DIV A	168.0500	0.0	168.0500	0.0	A	
4	Tactical	NIFC T2		168.2000	0.0	168.2000	0.0	A	
5	Tactical	NIFC T3	DIV M	168.6000	0.0	168.6000	0.0	A	
6	Tactical	NIFC T5	DIV Z	166.7250	0.0	166.7250	0.0	A	
7	Tactical	NIFC T6	CONT/ ROAD GRP	166.7750	0.0	166.7750	0.0	A	
8	A/G	A/G CMD	All Divisions	169.1500	0.0	169.1500	0.0	A	
9	A/G	A/G TAC	All Divisions	166.6750	0.0	166.6750	0.0	A	
10	CH 10			0.0000	0	0.0000	0	A	
11	CH 11			0.0000	0.0	0.0000	0.0	A	
12	CH 12			0.0000	0.0	0.0000	0.0	A	
13	CH 13			0.0000	0.0	0.0000	0.0	A	
14	CH 14			0.0000	0.0	0.0000	0.0	A	
15	Tactical	CALCORD	Medical	156.0750	156.7	156.0750	156.7	A	Medical Evac - Tone 6
16	Emergency only	GUARD	All Divisions	168.6250	0.0	168.6250	110.9	A	AIR GUARD - emerg. use only-Tone 1
17									
18									
19									
20	Emergency only	GUARD	All Divisions	168.6250	0.0	168.6250	110.9	A	AIR GUARD - emerg. use only-Tone 1

Prepared By (Communications Unit Leader)

Don Stoner, COML Norcal II

Don Stoner

ORLEANS

Latitude, Longitude

Deviation is assumed to be narrow band unless otherwise noted in the remarks. Mode refers to either "A" (analog), "D" (digital) or "M" (mixed mode).

1/14/14 v.5

TRAINING SPECIALIST MESSAGE

A Training Specialist 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 "Facilities"

With the prospect of a very short duration incident, trainees are strongly encouraged to register right away!
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 Priority Assignment? Yes No Ordered as a Trainee? Yes No

Date Assigned: _____ Cell Phone: _____

TRAINING RECORDS TO BE MAILED TO: (Chief, Training Officer, ect)

Name: _____

Name of Home Unit: _____

Address: _____

City: _____ State: _____ Zip Code: _____ Phone: _____

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) _____

TRAINER/EVALUATOR 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 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 Supply:	Name:	Time:

PLEASE ORDER BY ITEM NUMBER

#	Item 1 - IS the following: (i.e. if you need 3000' of hose & appliances, = 3 Hose Kit A's" or 3 item # 1's
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	Amount	#	Item	Amount
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				
<u>PUMP KITS</u>					
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:

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 <i>(Ex: Broken leg with bleeding)</i>
Incident Name		Geographic Name + "Medical" <i>(Ex: Trout Meadow Medical)</i>
Incident Commander		Name of IC
Patient Care		Name of Care Provider <i>(Ex: EMT Smith)</i>

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"/> NO = MEDEVAC!			
Breathing? <input type="checkbox"/> YES <input type="checkbox"/> NO = MEDEVAC!			
Mechanism of Injury: <i>What caused the injury?</i>			
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 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 Routine 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
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Ground Transport:

<input type="checkbox"/> Self-Extract	<input type="checkbox"/> Carry-Out	<input type="checkbox"/> Ambulance	<input type="checkbox"/> Other
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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) <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: