

SHU LIGHTNING CA SHU 005594

August 7, 2009 0700-0700

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Down Hill Line Construction

- Ensure LCES is in place.
- Discuss assignments prior to committing crew.
- Supervisor(s) is in direct contact with the lookout.

Communication

- New tactical frequencies today.
- Know the communications plan.
- Confirm changes to comm. plan with all personnel.

Common Denominators

- Incidents that happen on smaller fires or on isolated portions of larger fires.
- Fires that look innocent before “flare-ups” or “blow-ups”.
In some cases, tragedies occur in the mop-up stage.
- Fires that run uphill surprisingly fast in chimneys, gullies and on steep slopes.

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INCIDENT OBJECTIVES	1. Incident Name SHU Lightning Complex	2. Date 08/06/09	3. Time 1700									
4. Operational Period August 7, 2009 0700 - 0700												
<p>5. General Control Objectives for the Incident (include alternatives)</p> <p style="text-align: center;">INCIDENT MANAGEMENT OBJECTIVES</p> <ul style="list-style-type: none"> • Provide for firefighter and public safety. • Locate, prioritize, and staff fires as resources become available. • Provide for initial attack within Eastern Shasta County. • Keep costs commensurate with values at risk. • Provide accurate and timely information to the public, media, and cooperating agencies. • Communicate with cooperators regarding impacts from the fires to the surrounding communities and the assets at risk. • Minimize fire suppression impacts to cultural resources, protected species, and riparian areas <p style="text-align: center;">INCIDENT CONTROL OBJECTIVES</p> <ul style="list-style-type: none"> • Incident Control Objectives are listed on the ICS 204s for each Branch 												
6. Weather Forecast for Period SEE ATTACHED WEATHER FORECAST												
7. General Safety Message SEE ATTACHED SAFETY MESSAGE												
<p>8. Attachments (mark if attached)</p> <table border="0" style="width: 100%;"> <tr> <td><input checked="" type="checkbox"/> Organization List - ICS 203</td> <td><input checked="" type="checkbox"/> Medical Plan - ICS 206</td> <td><input checked="" type="checkbox"/> (Other) WEATHER FORECAST</td> </tr> <tr> <td><input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204</td> <td><input checked="" type="checkbox"/> Incident Map</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/> Communications Plan - ICS 205</td> <td><input checked="" type="checkbox"/> Traffic Plan</td> <td><input type="checkbox"/></td> </tr> </table>				<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> (Other) WEATHER FORECAST	<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Incident Map	<input type="checkbox"/>	<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input checked="" type="checkbox"/> Traffic Plan	<input type="checkbox"/>
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<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input checked="" type="checkbox"/> Traffic Plan	<input type="checkbox"/>										
9. Prepared by (Planning Section Chief) Sean Griffis		10. Approved by (Incident Commander) Doug Wenham										

ORGANIZATION ASSIGNMENT LIST			9. Operations Section		
1. Incident Name		SHU Lightning Complex		Chief	B.Gouvea/E.Ullman
2. Date		8/5/2009	3. Time	2300	
4. Operational Period		8/6/2009	0700-0700		
5. Incident Commander and Staff			G. Goose Branch		
Incident Commander		D. Wenham		Branch Director	M. Brunton
Deputy		J. Sisneros		Division D	J. Benguerel
Safety Officer		L. Green - J. Mathias(T)		Division E	B. Stoffel
Information Officer		S. Lauderdale		Division F	A. Moreno
Liaison Officer		J. Terpstra - S. Janes (T)		Division N	T. Lubas
6. Agency Representative			b. Chalk Branch		
Agency	Name		Branch Director	P. Bailey - T. Patten (T)	
Shasta Co Sheriff	D. Dean		Division T	B. Tiptan	
Hat Creek LNF Rd	M. Price		Division V	R. Reeder	
CDC	Lt M. Ahlin		Division W	J. Serrano	
CAL EMA	D. Tinnel		Division X	J. Sjolund	
BLM	J. Martinez		c. Cassel Branch		
			Branch Director	S. Todd	
			Division A	J. Morris	
			Division C	T. Townsend	
			Division Y	J. Weber	
			d. Gomez Division		
			Division H/I	B. Noel	
			e. Burney LCA		
7. Planning Section			Branch Director	J. Mobley	
Chief		S. Griffis - P. Banducci (T)		Big Bend Group	B. Thomas
Deputy				1-18 Group	D. Howks
Resource Unit		R. Gladwin / G. Schultz		1-34 Group	D. Gaddy
Situation Unit		J. Shelton - E. Hucks(T)		f. Branch	
Documentation Unit				Branch Director	
Demobilization Unit		R. Wedel - D. Pucci (T)		Division/Group	
Human Resources				g. Branch	
Technical Specialists		(name / specialty)		Branch Director	
M. McKey / Training		K.DeSena/GISS		Division/Group	
J. Turner/FBAN		S. Estes/Motels		Division/Group	
J. Tonkin/IMET		H. Love/Crew Tech Spec		h. Air Operations Branch	
R.Carr/Hired Equipment		B. Beck FireSup Rep		Air Operations Branch Director	C. Avina - A. Lujan(T)
L. Pollock & S. Velasques/Arch				Air Support Supervisor	N. Truax / Giacomini
8. Logistics Section			Air Attack Supervisor	S. Brockman	
Chief		D. Pedersen		Helicopter Coordinator	R. Yniguez
Deputy				Air Tanker Coordinator	
Service Branch Dir.				10. Finance Section	
Support Branch Dir.				Chief	W.Darnall
Supply Unit		M. Jarske - J. Walls (T)		Deputy	
Facilities Unit		E. Solis		Time Unit	T. Crespin
Ground Support Unit		S. Weir - C. Simmons		Procurement Unit	H. Keene
Communications Unit		T. Webb		Comp/Claims Unit	
Medical Unit		J. Vanatta		Cost Unit	S.Kavanaugh
Security Unit					
Food Unit					
			Prepared by (Resource Unit Leader)		
			R. Gladwin		



CAL FIRE INCIDENT COMMAND TEAM 1



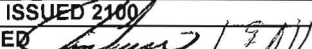
UNIT/ACTIVITY LOG ICS 215A Rev. 8-6-09	1. INCIDENT NAME: SHASTA LIGHTNING COMPLEX	2. DATE PREPARED: August 6, 2009	3. TIME PREPARED: 2000 Hrs.
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4. PREPARED BY: JIM MATHIAS, ASO TEAM 1	5. LEADER NAME: LINDA GREEN, ISO TEAM 1	6. OPERATIONAL PERIOD: 8/7/2009 0700 TO 8/8/2009 0700	
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INCIDENT RISK ANALYSIS - WILDLAND FIRES

DIVISION	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES
GOOSE CHALK	DOWNHILL FIRE LINE DOWNHILL FIRE LINE FIRE BEHAVIOR COMMUNICATIONS FATIGUE SNAG HAZARDS (Includes Utility Poles)	Ensure rapid access to safety zone(s). Can you hold the line w/o fire hooking around you? LCES, 10 Std Orders, mitigate 18 situations. Know the communications plan. Be alert for signs of fatigue, take breaks. Be especially alert around snags during wind events.
CASSEL	INDIRECT FIRE LINE FIRING OPERATIONS ANCHOR POINTS WEATHER DRIVING HAZARDS	Ensure LCES in place. Conduct thorough briefing for all personnel Direct attack will be used whenever possible. Base all action on current and expected fire behavior. Increase following distances & slow down.
GOMEZ	SNAG HAZARDS (Includes Utility Poles) DRIVING HAZARDS WEATHER COMMUNICATIONS	Be especially alert around snags during wind events. Drive defensively! Headlights on. Watch smoldering fires during wind events No communication link with crewmembers/supervisors.
BURNEY LCA	FRONTAL ASSAULT FIRE BEHAVIOR SNAG HAZARDS (Includes Utility Poles) ANCHOR POINTS DOWNHILL FIRE LINE	Base all actions on current/expected fire behavior. Monitor current weather conditions and forecasts. Follow Hazard Tree Safety Guidelines (IRPG p. 80). Ensure LCES in place. On hillside where rolling material can ignite fuel below.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER 04	TYPE OF FIRE SURFACE
FIRE NAME SHU LIGHTNING COMPLEX	OPERATIONAL PERIOD August 07, 2009
DATE ISSUED August 06, 2009	TIME ISSUED 2100
UNIT Shasta Ranger Unit	SIGNED  / 8/11 Jim Turner/Eric Kurtz

WEATHER SUMMARY

SKY/WEATHER...MORNING CLOUDS GIVING WAY TO SUNNY AFTERNOON SKIES AND SCATTERED CUMULUS.
MAX TEMPERATURE...74* IN THE VALLEY TO 66* ON THE SLOPES/RIDGE TOPS
MIN HUMIDITY 31% IN THE VALLEY TO 40% RIDGES WITH GOOD RECOVERY IN THE PM TO EARLY AM HOURS
GEOGRAPHICAL TREND...WARMING AND DRYING, WINDS BECOMING NORTHWEST TO WESTERLY IN THE AFTERNOON.
LAL...1
CHANCE OF DRY LIGHTNING...0%
CHANCE OF WETTING RAIN...0%

FIRE BEHAVIOR INPUTS

FINE DEAD FUEL MOISTURE = 5 TO 8% DEPENDING ON FUEL SHADING
1000 HR FUEL MOISTURE = 8% (KILN DRY LUMBER = 12%)
PROBABILITY OF IGNITION= 47%
SPOTTING DISTANCE = 0.5 MILES FROM SINGLE TREE TORCHING MIDSLOPE.

NOTE SCATTERED CUMULUS MAY PRODUCE GUSTY AND VARIABLE WINDS THROUGHOUT ALL BRANCHES.
POST LOOKOUTS TO RECORD AND ADVISE OPERATIONS OF CRITICAL FIRE WEATHER CHANGES.

SPECIFIC

CREWS MAY EXPERIENCE SIGNIFICANT FIRE RUNS IN THE MID AFTERNOON STARTING AROUND 1300 HRS. ACTIVE FIRE MOVEMENT IS BY SLOPE AND WIND ALIGNMENT, WITH FIREBRANDS CASTING DOWNWIND AND ROLLOUTS ON STEEP SLOPES. THIS TYPE OF RUN MAY EXCEED 20 CHAINS PER HOUR IN THE BRUSH/TIMBER OVERSTO AND 8 FOOT FLAME LENGTHS. MAXIMUM SPOTTING DISTANCES OF 0.5 MILES. RUNS IN TIMBER LITTER MAY RESULT IN ROS OF 10 CH/HR 3 FOOT FLAME LENGTHS. DEAD & DOWNED FUELS ARE VERY RECEPTIVE FUEL BEDS FOR EMBERS. LIVE FUEL MOISTURES IN BRUSH ARE 84% (80% IS CRITICAL IN MANZANITA). BACKING FIRES BURNING ON THE LEEWARD SIDE OF THE SLOPE ARE BEING FUELED BY GROUND LITTER AND HAVE A SLOWER RATE OF SPREAD. STEEP TERRAIN AND ROLL-OUT PRESENT A HAZARD TO THE LINE. FINE DEAD FUEL MOISTURES WILL BE AT THE LOWEST FROM 1200-1800HRS. RANGING BETWEEN 5-8%. AREAS OF DIRTY BURN EXIST THROUGHOUT ALL FIRES AND HAVE THE POTENTIAL FOR REBURN IF WINDS BEGIN TO SHIFT OR A NEW START OCCURS.

AIR OPERATIONS

- BETTER VISIBILITY FROM TRANSPORT WINDS IN THE AFTERNOON HOURS. GUSTY WINDS NEAR CUMULUS AND RIDGE TOPS

SAFETY

- CREWS NEED TO CONTINUE PAYING CLOSE ATTENTION FOR HIDDEN SPOT FIRES IN ALL FUEL BED TYPES
- WEAKENED SNAGS MAY FALL ACROSS CONTAINMENT LINES.
- STEEP TERRAIN AND UNDERSLUNG LINE MAY CAUSE ROLL-OUTS ACROSS CONTAINMENT LINES.
- DOWNED HEAVY FUELS MAY CONTAIN HIDDEN POCKETS OF BURNING MATERIAL.



SHU Complex Incident Weather Forecast

FORECAST NO: 4
PREDICTION FOR: Friday Day Shift

NAME OF FIRE: SHU Complex
UNIT: CA-SHU 5594

SHIFT DATE: Aug 7th, 2009
FORECAST ISSUED: 1900 August 6th, 2009

Incident Meteorologist: Jeff Tonkin

WEATHER DISCUSSION: The upper trough has moved off to the east and will be replaced by a ridge of high pressure. A gradual warming and drying trend can be expected through the weekend...leading to near normal temperatures and relative humidity values. Surface winds will be out of the west and southwest again while ridge top and smoke transport winds shift to the northwest.

WEATHER FORECAST FRIDAY DAY SHIFT:

WEATHER: Some morning clouds...giving way to sunny skies with scattered cumulus possible in the afternoon.

TEMPERATURES: 69 - 74 valleys/drainages...62 - 68 upper slopes/ridges.

MIN HUMIDITY: 31 - 38% valleys/drainages. 39 - 44% upper slopes/ridges .

LIGHTNING ACTIVITY LEVEL: 1 **CHANCE OF WETTING RAIN:** 0%

WINDS (20 FOOT):

RIDGETOP - Northwest and West Wind 4 - 7 mph...gusts to 14 to 20 mph in the afternoon. Winds diminishing around sunset.

VALLEY - West or Upslope/Upvalley 4 - 7 mph...Gusts to 15 mph from 1300 to 1700 PDT.

STABILITY / INVERSION: Inversion breaking between 1200-1300 PDT...Lower level smoke moving east by 1400.

WEATHER FORECAST TONIGHT:

WEATHER: Clear skies.

MIN TEMPERATURES: 44 - 50.

MAX HUMIDITY: 55 - 65%...near 75% along drainage bottoms.


WINDS (20 FOOT):

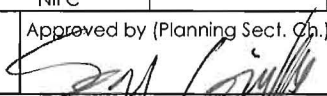
RIDGETOP - Northwest 3 to 6 mph until midnight...then becoming East or Northeast 1 to 3 mph through sunrise.

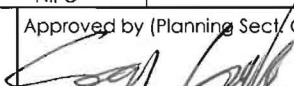
VALLEY - West 3 to 6 mph until 2200...then east or down-slope 1-3 mph.

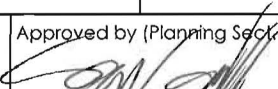
OUTLOOK FOR SATURDAY: Sunny...returning to normal temps and rh levels. Temps: 82 - 87. Min RH: 22-28%. Wind: West and Northwest 3 to 6 mph...gusts 10 to 12 mph in the afternoon.

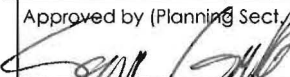
EXTENDED FORECAST FOR SUNDAY THROUGH TUESDAY: A return to near normal temperatures and relative humidity values. Winds will remain gusty and out of the west...8 to 14 mph gusts to 20 mph. Max temps 80-88 valleys...74-79 ridges. Min RH 20% valley...20-25% ridge.


DIVISION ASSIGNMENT LIST			1. Branch Goose		2. Division/Group D		
3. Incident Name SHU Lightning Complex			4. Operational Period Date: 8/7/09 – 8/8/09 Time: 0700-0700				
5. Operations Personnel							
Operations Chief		Gouvea / Ullman (N)		Division/Group Supervisor		Benguerele	
Branch Director		Brunton		Air Attack Supervisor No.			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time		
SOFL	Young	1		DP 29	0700		
FELB	Campbell	1		DP 29	0700		
FALC	Holloway	1		DP 29	0700		
FALC	Shaulis	1		DP 29	0700		
FALC	Bolton	1		DP 29	0700		
FALC	Dunlap	1		DP 29	0700		
FOBS	McDaniel	1		DP 29	0700		
FOBS	Hill	1		DP 29	0700		
DOZB	Gadbury	1		DP 29	0700		
ST 9270C	Brunton	16		DP 29	0700		
ST 9241G	Milovich	33		DP 29	0700		
DOZ CARLTON E-22		2		DP 29	0700		
WT 49R E-266	Sasser	2		DP 29	0700		
7. Control Operations Hold existing line. Watch for spots. Keep fire North of Goose Mtn., east of Big Bend Rd., South of Pit River, west of Pit 3 dam. Finish hoselay to river.							
8. Special Instructions							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	Rx 151.175W Tx 159.450W	King NIFC	CDF CMD 9 Tone 9	Logistics	159.4725	King NIFC	V Tac-14
Tactical Div/Group	166.725 N	King NIFC	NIFC Tac-5	Air to Ground	151.220	King NIFC	CDF A/G
Prepared by (Resource Unit Ldr.) Gabriel Schultz		Approved By (Planning Sect. Ch.) 		Date 8/6/09		Time 2000	

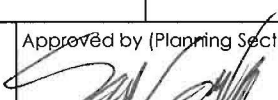
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3. Incident Name SHU Lightning Complex			4. Operational Period Date: 8/7/09 – 8/8/09 Time: 0700-0700				
5. Operations Personnel							
Operations Chief		Gouvea / Ullman (N)		Division/Group Supervisor		Stoffel	
Branch Director		Brunton		Air Attack Supervisor No.			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time		
FALC	Seaborn	1		DP 29	0700		
FALC	Borgatti	1		DP 29	0700		
DOZB	Wolford	1		DP 29	0700		
ST 2100C	Sapeta	1		DP 29	0700		
SUGAR PINE CRW 3		16		DP 29	0700		
SUGAR PINE CRW 4		16		DP 29	0700		
DOZ STRIEFF E-58		2		DP 29	0700		
DOZ CALDWELL E-285	Caldwell	2		DP 29	0700		
WT MYRLE E-242	Lema	1		DP 29	0700		
WT CON AG E-243	Robison	2		DP 29	0700		
7. Control Operations Hold existing line. Watch for spots. Keep fire North of Goose Mtn., east of Big Bend Rd., South of Pit River, west of Pit 3 dam. Continue mop-up.							
8. Special Instructions							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	Rx 151.175W Tx 159.450W	King NIFC	CDF CMD 9 Tone 9	Logistics	159.4725	King NIFC	V Tac-14
Tactical Div/Group	166.725 N	King NIFC	NIFC Tac-5	Air to Ground	151.220	King NIFC	CDF A/G
Prepared by (Resource Unit Ldr.) Gabriel Schultz		Approved by (Planning Sect. Ch.) 			Date 8/6/09		Time 2000

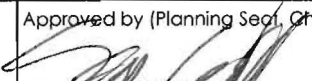
DIVISION ASSIGNMENT LIST				1. Branch Goose		2. Division/Group N (Page 1)	
3. Incident Name SHU Lightning Complex				4. Operational Period Date: 8/7/09 – 8/8/09 Time: 0700-0700			
5. Operations Personnel							
Operations Chief		Gouvea / Ullman (N)		Division/Group Supervisor		Lubas	
Branch Director		Brunton		Air Attack Supervisor No.			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time		
FALC	Hodgson	1		DP 33	0700		
FALC	Anderson	1		DP 33	0700		
DOZB	Mattson	1		DP 33	0700		
ST 9211C	Harter	16		DP 33	0700		
ST 9121C	Ellis	23		DP 33	0700		
ST 2150C		19		DP 33	0700		
ST 9146G	Juarez	33		DP 33	0700		
ST 9388G	Wight	31		DP 33	0700		
ST 9370G	Thomas	33		DP 33	0700		
CRW Sugar Pine 1	Redding	16		DP 33	0700		
ST 9161L	DeClair	3		DP 33	0700		
DOZ 1242	Gardner	2		DP 33	0700		
DOZ 1448	Wiese	2		DP 33	0700		
DOZ 2442	Johnson	2		DP 33	0700		
DOZ PACKWAY E-23	Taylor	2		DP 33	0700		
WT SHS 13 E-121	Coe	1		DP 33	0700		
WT TNT EQUIP E-117	Mueller	2		DP 33	0700		
7. Control Operations Keep fire North of Goose Mtn., east of Big Bend Rd., South of Pit River, west of Pit 3 dam. Improve line. Watch for spots. Drop hazard trees.							
8. Special Instructions							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	Rx 151.175W Tx 159.450W	King NIFC	CDF CMD 9 Tone 9	Logistics	159.4725	King NIFC	V Tac-14
Tactical Div/Group	166.725 N	King NIFC	NIFC Tac-5	Air to Ground	151.220	King NIFC	CDF A/G
Prepared by (Resource Unit Ldr.) Gabriel Schultz		Approved by (Planning Sect. Ch.) 		Date 8/6/09		Time 2000	

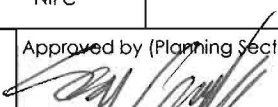
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3. Incident Name SHU Lightning Complex		4. Operational Period Date: 8/7/09-8/8/09 Time: 0700-0700					
5. Operations Personnel							
Operations Chief		Gouvea / Ullman (N)		Division/Group Supervisor		Tipton	
Branch Director		Bailey / Patton (T)		Air Attack Supervisor No.			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans. Needed	Drop Off PT./Time		Pick Up PT./Time	
SOFL	McMillen	1		Big Bend Fire Station		0800	
SOFL (T)	Lawson	1		Big Bend Fire Station		0800	
SOFL	Stangeland	1		Big Bend Fire Station		0800	
FOBS	Henault	1		Big Bend Fire Station		0800	
FOBS	Johnson	1		Big Bend Fire Station		0800	
FELB	Kramer	1		Big Bend Fire Station		0800	
FALC	Loerzel	1		Big Bend Fire Station		0800	
FALC	Russell	1		Big Bend Fire Station		0800	
FALC	Kay	1		Big Bend Fire Station		0800	
FALC	Southard	1		Big Bend Fire Station		0800	
FALC	Stahl	1		Big Bend Fire Station		0800	
FALC	Vaughn	1		Big Bend Fire Station		0800	
DOZB	Trammell	1		Big Bend Fire Station		0800	
ST 9112 G	Orme	33		Big Bend Fire Station		0800	
ST 9254 G	Blanco	33		Big Bend Fire Station		0800	
ST 9147 L	Head	6		Big Bend Fire Station		0800	
DOZ 2344	Minor	2		Big Bend Fire Station		0800	
DOZ 2440	Westrip	2		Big Bend Fire Station		0800	
DOZ 2444	Wilson	2		Big Bend Fire Station		0800	
DOZ Hagen E-61	Hagen	2		Big Bend Fire Station		0800	
7. Control Operations Complete direct line from Chalk Mtn South to the 4X4 road. Keep fire North of River Road, South of 37N30 Rd., East of Swift Creek, and West of Pit #3 Dam.							
8. Special Instructions Beware of spotting and post lookouts.							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	Rx 151.175W Tx 159.450W	King NIFC	CDF CMD 9 Tone 9	Logistics	159.4725	King NIFC	V Tac-14
Tactical Div/Group	154.265 W	King NIFC	White Fire - 2	Air to Ground	151.220	King NIFC	CDF A/G
Prepared by (Resource Unit Ldr.) Gabriel Schultz		Approved by (Planning Sect. Ch.) 			Date 8/6/09		Time 2300

DIVISION ASSIGNMENT LIST		1. Branch Chalk		2. Division/Group T (Page 2)			
3. Incident Name SHU Lightning Complex		4. Operational Period Date: 8/7/09-8/8/09 Time: 0700-0700					
5. Operations Personnel							
Operations Chief	Gouvea / Ullman (N)	Division/Group Supervisor		Tipton			
Branch Director	Bailey / Patton (T)	Air Attack Supervisor No.					
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time		
*SKID Carlton E-211	Mark	1		Big Bend Fire Station	0800		
*Feller Buncher E-207	Sierra Land Management	1		Big Bend Fire Station	0800		
*Feller Buncher E-208	Sierra Land Management	1		Big Bend Fire Station	0800		
					0800		
7. Control Operations * Available for Chalk Branch. Complete direct line from Chalk Mtn South to the 4X4 road. Keep fire North of River Road, South of 37N30 Rd., East of Swift Creek, and West of Pit #3 Dam.							
8. Special Instructions Beware of spotting and post lookouts.							
9. Division/Group Communication Summary							
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Tactical Div/Group	154.265 W	King NIFC	White Fire - 2	Air to Ground	151.220	King NIFC	CDF A/G
Prepared by (Resource Unit Ldr.) Gabriel Schultz		Approved by (Planning Sect./Ch.) 		Date 8/6/09		Time 2300	

DIVISION ASSIGNMENT LIST		1. Branch Chalk		2. Division/Group W			
3. Incident Name SHU Lightning Complex		4. Operational Period Date: 8/7/09-8/8/09 Time: 0700-0700					
5. Operations Personnel							
Operations Chief	Gouvea / Ullman (N)		Division/Group Supervisor		Serrano		
Branch Director	Bailey / Patton (T)		Air Attack Supervisor No.				
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time		
FALC Shasta Brwn O-382		1		Big Bend Fire Station	0800		
FALC	Edwards	1		Big Bend Fire Station	0800		
ST 9210 C	Haile	22		Big Bend Fire Station	0800		
ST 9111 C	Howard	16		Big Bend Fire Station	0800		
*ST 9242 G	Miles	16		Big Bend Fire Station	1000		
CRW Diamond Mtn HS	Varney	19		Big Bend Fire Station	0800		
DOZ Oilar E-32		2		Big Bend Fire Station	0800		
DOZ Oilar E-33	Heart	2		Big Bend Fire Station	0800		
WT Northstate E-116	Bowman	2		Big Bend Fire Station	0800		
WT Timberline E-221	Mayer	2		Big Bend Fire Station	0800		
WT 570 (12 hour)		2		Big Bend Fire Station	0800		
7. Control Operations *Staggered start time. Report to the line and receive briefing there. Mop-up 100 feet in. Keep fire North of River Road, South of 37N30 Rd., East of Swift Creek, and West of Pit #3 Dam.							
8. Special Instructions Beware of spotting and post lookouts.							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	Rx 151.175W Tx 159.450W	King NIFC	CDF CMD 9 Tone 9	Logistics	159.4725	King NIFC	V Tac-14
Tactical Div/Group	158.7375	King NIFC	V Tac-13	Air to Ground	151.220	King NIFC	CDF A/G
Prepared by (Resource Unit Ldr.) Gabriel Schultz		Approved by (Planning Sect. Ch.) 			Date 8/6/09		Time 2300

DIVISION ASSIGNMENT LIST		1. Branch Chalk		2. Division/Group X			
3. Incident Name SHU Lightning Complex		4. Operational Period Date: 8/7/09-8/8/09 Time: 0700-0700					
5. Operations Personnel							
Operations Chief		Gouvea / Ullman (N)		Division/Group Supervisor		Sjolund / Purvis (T)	
Branch Director		Bailey / Patton (T)		Air Attack Supervisor No.			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans. Needed	Drop Off PT./Time		Pick Up PT./Time	
FOBS	Sciocchetti	1		Big Bend Fire Station		0800	
FOBS (T)	Wilson	1		Big Bend Fire Station		0800	
ST 9251 C	Kriek	20		Big Bend Fire Station		0800	
ST 9123 G	Rodgers	33		Big Bend Fire Station		0800	
ST 9240 G	Lee	33		Big Bend Fire Station		0800	
ST 4175 C	Siefert	17		Big Bend Fire Station		0800	
ST 9473 G	Delashmutt	33		Big Bend Fire Station		0800	
WT Carlton E-39		1		Big Bend Fire Station		0800	
WT Zabel E-52	Zabel	1		Big Bend Fire Station		0800	
7. Control Operations Mop-up 100 feet in. Keep fire North of River Road, South of 37N30 Rd., East of Swift Creek, and West of Pit #3 Dam.							
8. Special Instructions Beware of spotting and post lookouts.							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	Rx 151.175W Tx 159.450W	King NIFC	CDF CMD 9 Tone 9	Logistics	159.4725	King NIFC	V Tac-14
Tactical Div/Group	154.295	King NIFC	White Fire - 3	Air to Ground	151.220	King NIFC	CDF A/G
Prepared by (Resource Unit Ldr.) Gabriel Schultz		Approved by (Planning Sect. Ch.) 			Date 8/6/09		Time 2300

DIVISION ASSIGNMENT LIST		1. Branch Burney LCA		2. Division/Group Group 1-18			
3. Incident Name SHU Lightning Complex		4. Operational Period 12 hour operational period Date: 8/7/09 Time: 0700-1900					
5. Operations Personnel							
Operations Chief	Gouvea / Ullman (N)		Division/Group Supervisor		Mobley/ Hawks		
Branch Director			Air Attack Supervisor No.				
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time		
SOFL	Piccinini	1		Burney Station 14	0700		
TECH SPEC	Keown	1		Burney Station 14	0700		
ENG 2461	Misner	4		Burney Station 14	0700		
ENG 2462	Lazzari	4		Burney Station 14	0700		
ENG 2464	Huntsman	4		Burney Station 14	0700		
WT Allstate E-40		1		Burney Station 14	0700		
7. Control Operations Mop-up known fires Identify and suppress new fires							
8. Special Instructions Maintain 3 minute response for initial attack.							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	Rx 151.175W Tx 159.450W	King NIFC	CDF CMD 9 Tone 9	Logistics	159.4725	King NIFC	V Tac-14
Tactical Div/Group	166.775 N	King NIFC	NIFC Tac-6	Air to Ground	151.220	King NIFC	CDF A/G
Prepared by (Resource Unit Ldr.) Gabriel Schultz		Approved by (Planning Sec., Ch.) 			Date 8/6/09		Time 2300

DIVISION ASSIGNMENT LIST			1. Branch Burney LCA		2. Division/Group Group 1-34		
3. Incident Name SHU Lightning Complex			4. Operational Period 12 hour operational period Date: 8/7/09 Time: 0700-1900				
5. Operations Personnel							
Operations Chief		Gouvea / Ullman (N)		Division/Group Supervisor		Mobley/ Gaddy	
Branch Director				Air Attack Supervisor No.			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader		Number Persons	Trans. Needed	Drop Off PT./Time		Pick Up PT./Time
Tech Spec	Hollister		1		Burney Station 14		0700
SOFL	Demattei		1		Burney Station 14		0700
FOBS	Hill		1		Burney Station 14		0700
FOBS	Northup		1		Burney Station 14		0700
FOBS	Opie		1		Burney Station 14		0700
ENG 2451	Barber		4		Burney Station 14		0700
ENG 2469	Melo		4		Burney Station 14		0700
ENG 2478	Hill		4		Burney Station 14		0700
ENG 2485	Camillieri		4		Burney Station 14		0700
WT MHS 4630 E-228	Haistings		2		Burney Station 14		0700
7. Control Operations Mop-up known fires Identify and suppress new fires							
8. Special Instructions Maintain 3 minute response for Initial attack.							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	Rx 151.175W Tx 159.450W	King NIFC	CDF CMD 9 Tone 9	Logistics	159.4725	King NIFC	V Tac-14
Tactical Div/Group	166.775 N	King NIFC	NIFC Tac-6	Air to Ground	151.220	King NIFC	CDF A/G
Prepared by (Resource Unit Ldr.) Gabriel Schultz		Approved by (Planning Sect. Ch.) 			Date 8/6/09		Time 2300

Immediate Need Firing Operation Checklist

Location: _____

Date: _____

Time: _____

Firing Supervisor _____

1. Personnel Briefing

- Objectives
- Conditions (weather, fuel, burn window)
- Resource assignments
 - firing personnel
 - holding forces
 - lookouts
- Ignition plan/sequence
- Communication Plan
- Contingency Plan
- Safety issues

2. GO / NO-GO

- | | |
|--|--|
| <input type="checkbox"/> All personnel briefed | <input type="checkbox"/> Communications systems in place |
| <input type="checkbox"/> Weather forecast reviewed | <input type="checkbox"/> Fire behavior forecast reviewed |
| <input type="checkbox"/> Resources in place | <input type="checkbox"/> Escape routes and safety zones established and made known |
| <input type="checkbox"/> Lookouts posted as needed | <input type="checkbox"/> Adjoining forces/Air Attack notified |
| <input type="checkbox"/> Anchor and termination firing points identified | |

3. APPROVAL PRIOR TO FIRING

4. NOTIFICATION PRIOR TO FIRING

AIR OPERATIONS SUMMARY

OPERATIONAL PERIOD DATE: DAY SHIFT DATE: 08/07/09

START: 0800 END: 1949

(Expanded Form for Large Operations)

1. INCIDENT NAME: Shasta Lightning Complex	2. PREPARED BY: A.Lujan	PREPARED DATE/TIME: 08/06/09 1900
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4. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment,, etc.):

SUNRISE: 0616

SUNSET : 2020

5. TFR:

1. Notam9/2416

2. Notam 9/3026

All GPS data to be collected (degrees, minutes & decimal minutes)

**Avoid aerial application of retardant or foam within 300' of waterways, bodies of water. If retardant is dropped within these areas, notify

AOBD with Lat & Long, est. of gallons, and a map.

TRACK RETARDANT DROP LOCATIONS

6. PERSONNEL	Phone	7. REQUENCIES	AM	FM	8. FIXED-WING # Avail / Type/ Make-Model / FAA N# / Base(s)
AOBD: Alex Lujan	530-598-2645	AIR/AIR FW:	128.250	170.4625	Air Tactical AA-240 AA-500
AOBD: Warren Giacomini	707-391-6784				
ATGS: Scott Brockman	530-226-2695	AIR/AIR RW:	S 127.025 N 128.675		Lead planes
ATGS: Crystal Henson					
HLCO: Rudy Yniguez	530-448-2450	AIR/GROUND:		151.220	Airtankers 3 Type 1 5 Type 3
HLCO: Scott Upton	707-889-4373				
ASGS: Nick Truax	530-448-2411	DECK:	163.100		Other :
HEBM. Randy Fergosa	530-200-3263	COMMAND	Command 9 Tone 9		
Scott Corn	530-227-4887	RPT			
		Air Guard	168.625		
		TOLC	122.80		

9. HELICOPTERS (Use Additional Sheets As Necessary)

FAA N#	TY	MAKE/MODE	BASE	AVAIL	START	REMARKS	FAA N#	TY	MAKE/MODE	BASE	AVAIL	START	REMARKS
1HM	3	206 L4	FR	0830		HELCO	8GH	3	206 B3	FR	0830		HELCO
FY	1	BV 107	FR	0830			801	1	Chinook	RDD	0900		Guard
784	1	S 61	FR	0830			802	1	Chinook	RDD	0900		Guard
96W	1	S 61	FR	0830			830	1	Blackhawk	RDD	0900		Guard
5PJ	2	UH1H	FR	0830			831	1	Blackhawk	RDD	0900		Guard
7PJ	2	UH1H	FR	0830		Standard	217	2	214	FR	0830		
8HM	2	UH1B	FR	0830			6TV	2	UH1H	FR	0830		
							1GH	2	UHH	FR	0830		
726	3	206 B3	FR	0830		Relief Helco							
3SH	3	206 B3	FR	0830		Recon / Mapping							
C 101	2	204	FR	0830		Medavac/ Short Haul							

INCIDENT RADIO COMMUNICATIONS PLAN			Shasta Lightning Incident			Date/Time Prepared 8/4/2009 - 20:00:00 AM			Operational Period Date/Time 8/7/2009/0700-0700		
Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq N or W	RX Tone/NAC	TX Freq N or W	Tx Tone/NAC	Mode A, D or M	Remarks		
1	Command	CDF Command-1	Not assigned	151.355 W		159.300 W	156.7 (6)	A	Not assigned		
2	Command	CDF Command-9	Command	151.175 W		159.450 W	100.0 (9)	A	Grp 3 Ch.9		
3	Command	NIFC Cmnd-22		165.450 N		172.5125 N	156.7 (6)	A	Not assigned		
4	Tactical	V-Tac 11	Back Bone Branch	151.1375 N		151.1375 N	156.7	A	Grp 3 Ch.146		
5	Tactical	V-Tac 13	Chalk Div.W	158.7375 N		158.7375 N	156.7	A	Grp 3 Ch.148		
6	Tactical	NIFC Tac-5	Goose Branch	166.725 N		166.725 N		A	Grp 3 Ch.103		
7	Tactical	NIFC Tac-6	Burney LCA	166.775 N		166.775 N		A	Grp 3 Ch.104		
8	Tactical	NIFC Tac-7	Gomez Branch	168.250 N		168.250 N		A	Grp 3 Ch.105		
9	Tactical	USFS R-5 T-4	Cassel Branch	173.9125 N		173.9125 N		A	Grp 3 Ch.106		
10	Tactical	USFS R-5 T-5	Cassel Branch	173.9625 N		173.9625 N		A	Grp 3 Ch.107		
11	Tactical	USFS R-5 T-6	Chalk Div. V	173.9875 N		173.9875 N		A	Grp 3 Ch.108		
12	Tactical	White Fire-2	Chalk Div. T	154.265 W		154.265 W		A	Grp 3 Ch.151		
13	Tactical	White Fire-3	Chalk Div. X	154.295 W		154.295 W		A	Grp 3 Ch.152		
14	Tactical	NIFC Tac-1	Not assigned	168.050 N		168.050 N		A	Grp 3 Ch.99		
15	Tactical	NIFC Tac-3	Not assigned	168.600 N		168.600 N		A	Grp 3 Ch.101		
16	Tactical	V-Tac-12	Not assigned	154.4525 N		154.4525 N	156.7	A	Grp 3 Ch.147		
17	Tactical	CDF-A/G	Air to Ground	151.2200 N		151.2200 N		A	Air to Ground Grp3Ch126		
18	Camp/Logistics	V-Tac-14	Logistics	159.4725 N		159.4725 N		A	Base Camp UseGrp3Ch4149		
19	Medical	CALCORD	Medical	156.075 W		156.075 W		A	Medical Emerg. Grp3Ch.144		
20	Emergency	Air Guard	Emergency	168.625 N		168.625 N	110.9	A	Emerg. Air ContactGrp3Ch138		
Prepared By (Communications Unit) Tom Webb COML CALFIRE Team 1					Incident Location County State Latitude N Longitude W						

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital (e.g. Project 25) or "M" indicating mixed mode. All channels are shown as if programmed in a control station, mobile or portable radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

MEDICAL PLAN	1. INCIDENT NAME SHU Lightning	2. DATE PREPARED 8/6/2009	3. TIME PREPARED 2030	4. OPERATIONAL PERIOD 8/07/09-8/08/09 0700-0700
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5. INCIDENT MEDICAL AID STATION

MEDICAL AID STATIONS	LOCATION	PARAMEDICS	
		YES	NO
Incident Base Mert	27571 Mountain View Rd., Burney, CA (Burney High School)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CAL FIRE Personnel	On engines and at CAL FIRE stations.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
DMAT	Incident Base	<input checked="" type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>

6. TRANSPORTATION

A. AMBULANCE SERVICES

NAME	ADDRESS	PHONE	PARAMEDICS	
			YES	NO
Redding ECC	Contact Redding ECC for all air or ground transport	530-225-2411	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Burney Ambulance	Burney, CA (contact SHU ECC)	530-225-2411	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mayers Memorial Hospital	43563 HWY 299. Mc Arthur, CA	530-336-5511	<input checked="" type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

B. INCIDENT AMBULANCES

NAME	LOCATION	PARAMEDICS	
		YES	NO
	N/A	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>

7. HOSPITALS

NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER	
		AIR	GRND		YES	NO	YES	NO
Mercy Medical Center	2175 Rasaline Ave., Redding, CA	15-30min	1-2 hours	530-225-6000	X	<input type="checkbox"/>	<input type="checkbox"/>	X
Shasta Regional Hospital	1100 Butte St., Redding, CA	15-30min	1-2 hours	530-244-5353	X	<input type="checkbox"/>	<input type="checkbox"/>	X
UC Davis	2315 Stockton Blvd., Sacramento, CA	1.5 hours	2.5-3 hours	(916) 734-2130	X	<input type="checkbox"/>	X	
Mayers Memorial	43563 HWY 299. Mc Arthur, CA	15-30min	.5 - 1.5 hours	530-336-5511	X	<input type="checkbox"/>	<input type="checkbox"/>	X
		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

8. MEDICAL EMERGENCY PROCEDURES

Immediately report all injuries to your immediate supervisor.
Any injury requiring greater care than first aid needs to be reported to your Division/Group Supervisor on Command net
Supervisors be prepared to request needs including:
- Air or Ground Transportation
- Location to meet injured person / any special routing / GPS coordinates if available
- Type of injury
Division/Groups will coordinate transportation or additional needs
Notify Safety Officer for all significant injuries
More significant events (ie major injuries or deaths, burn over, missing persons) require immediate IC & PIO notification
All Air Ambulance LZ coordination will be conducted on CalCord
Any Short Haul procedure will be with Copter 101 coordinated through your Division/Group Supervisor

9. PREPARED BY (MEDICAL UNIT LEADER) Med Unit Leader Jeff Vanatta	10. REVIEWED BY (SAFETY OFFICER) Linda Green
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Finance Message

- 1. Offsite feeding is authorized for those personnel lodging in Redding only. Only the dinner meal is authorized. Breakfast will be eaten at Incident Base. There is no offsite feeding authorized in Burney or Fall River.**
- 2. Please watch for and report any incident related damage that we have caused to private property.**
- 3. Shift Tickets and vendor evaluations are to be completed by Division Supervisors for each shift and turned in daily.**
- 4. Be sure that your timekeeping documentation is started with the Time Unit.**

CAL TRANS
FUEL
REPAIR

TO STAGING

299 E

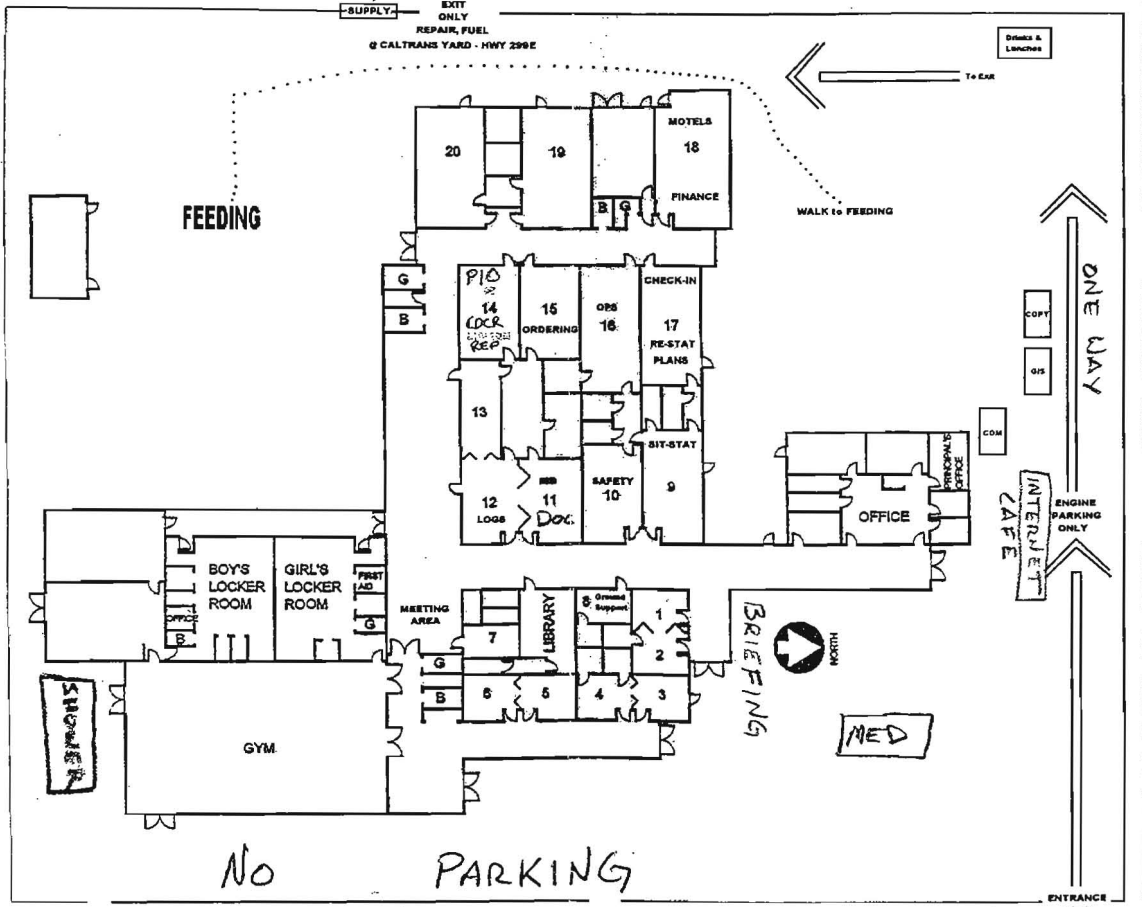
MT. VEIRD

PARKING

QUEBEC
NO PARKING
TALL TIMBER

TORONTO
ONE WAY
OVERHEAD PARKING

TO SUPPLY
AND
SLEEPING
AREA



ACCESS TO FEEDING

OVER FLOW ENGINE PARKING

NO PARKING

ONE WAY



CDCR
SHOWER

CDCR SLEEPING

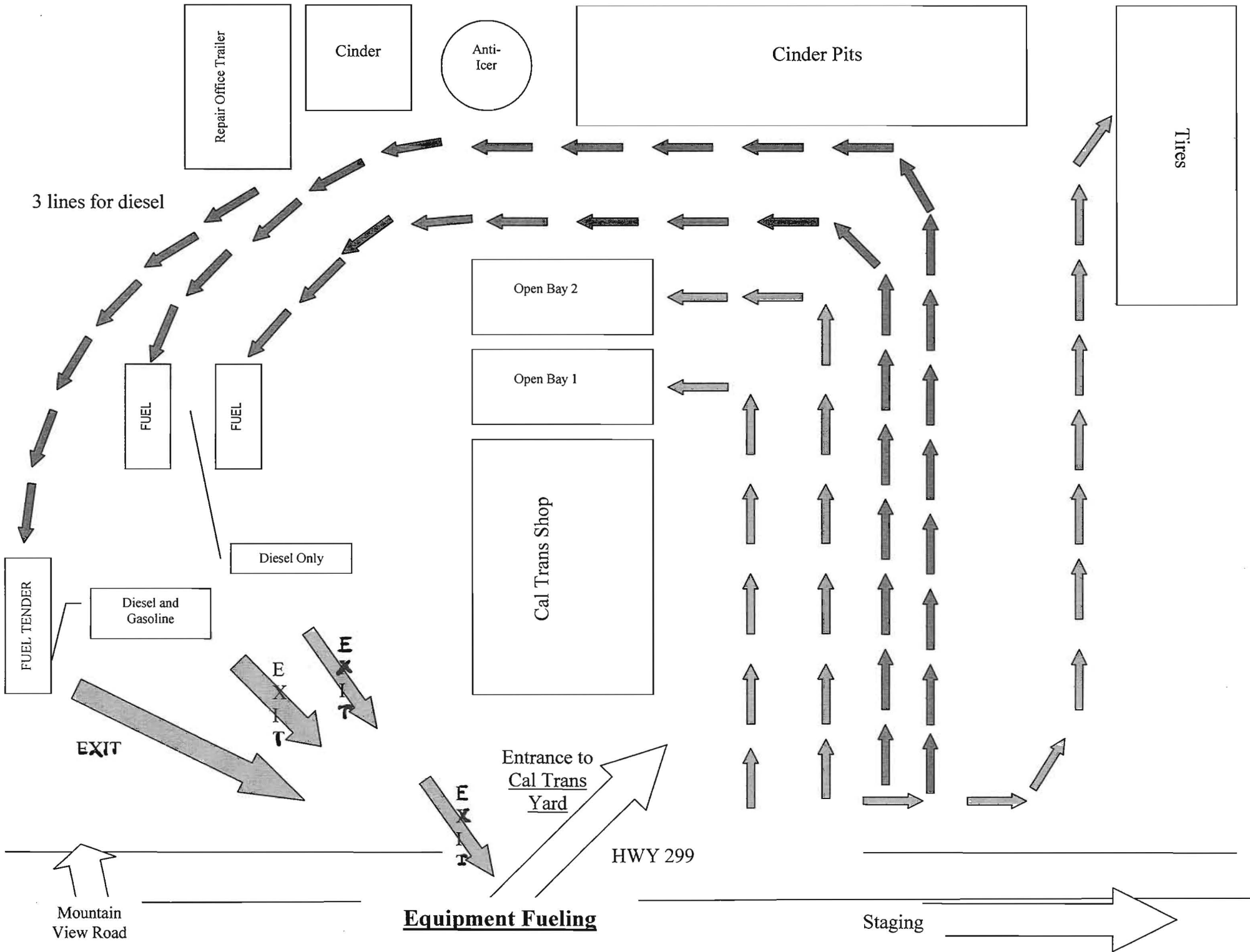
ENGINE / CDCR PARKING

EXIT
MARQUETTE

BAILEY

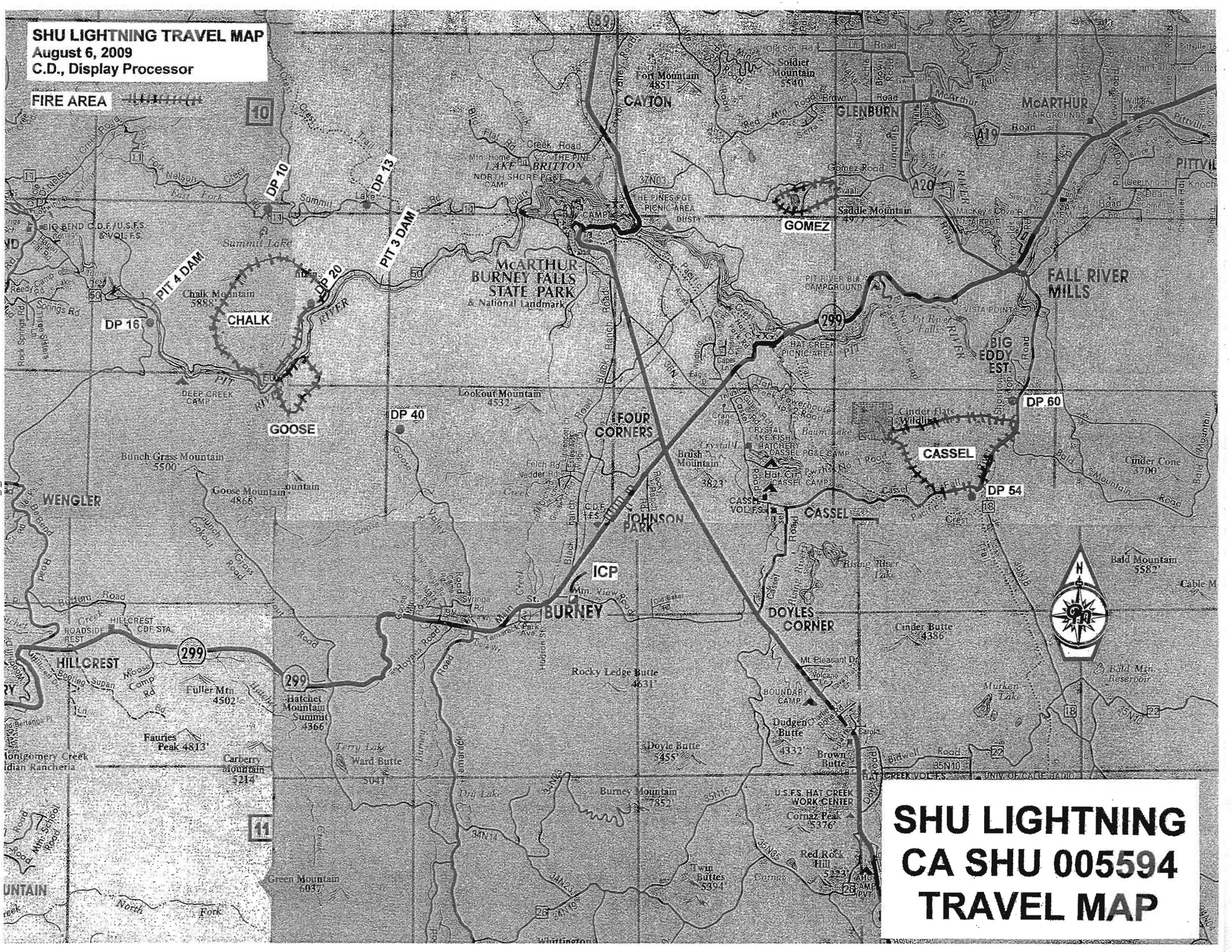
ONE WAY

EXIT



SHU LIGHTNING TRAVEL MAP
August 6, 2009
C.D., Display Processor

FIRE AREA 



SHU LIGHTNING
CA SHU 005594
TRAVEL MAP

TRAINEES

SEE THE TRAINING SPECIALIST

(LOCATED IN PLANS - NEXT TO CHECK-IN)

START THE PROCESS OR UPDATE THE PROGRESS.

**STOP BY PERIODICALLY SO I CAN TRACK YOUR TASK
BOOK**



MARK MCKEY
TRAINING SPECIALIST
ICT 1

Archaeological Guidelines for the Shasta Lightning Complex Shasta County, CA

1. Sites known by the archaeologist will be marked with red plastic flagging tape.
2. Be on the lookout for unmarked prehistoric archaeological sites. These sites may include village sites that include dark midden soils and circular housepit depressions; seasonal camps marked by the presence of shiny black obsidian flakes and/or white-colored freshwater mussel shells; and hunting camps containing obsidian and basalt flakes.
3. Be on the lookout for unmarked historic archaeological sites. These sites may include old cabins and homesteads now marked by the presence of foundations, wells, and can dumps. Also present is early infrastructure related to the PG&E hydro-electric system.
4. Look for these unmarked prehistoric and historic sites in flat areas, especially adjacent to the Pit River, streams, and springs.
5. Avoid ground disturbing activities within archaeological sites where possible. If you can't avoid, minimize ground disturbance as much as possible, only clearing the surface to as minimal a depth as necessary. Try to go around sites with dozers rather than through them. Flag the site for continued avoidance during Fire Suppression Repair activities.
6. If you find artifacts leave them in place. Some artifacts may have been intentionally placed for religious or ceremonial reasons.
7. If possible, note locations of discovered artifacts, features, and/or sites on a map. Better yet take a GPS reading. Leave information for the archaeologist with the Plans Unit.
8. **While protection of non-renewable cultural resources is important, firefighter safety is even more important. Protect archaeological sites where you can but do not jeopardize firefighter safety or risk losing control of the incident when site protection is considered.**

Thanks for your help protecting California's cultural heritage.

Richard Jenkins
CAL FIRE Northern Region Archaeologist
Redding

Fire Suppression Repair Checklist

CA-SHU-005594

Fire Name _____ Form Preparer _____

Division _____ Date Prepared _____

Work Needed

Location

(T./R./S.)

Fence/Gate Repair _____

Waterbars _____

Road Repair _____

Watercourse Cleanout _____

Culvert Cleanout and Repair _____

Seeding/Mulching Watercourse Crossing _____

Trash Pickup _____

Other _____

NOTE: List type of material/equipment/personnel needed (e.g., fencing materials, tools, dozer, backhoe, stakeside, handcrew, etc.)

REHABILITATION

It is time to begin planning for the fire suppression repair efforts. A fire suppression repair plan will be developed for each of the fires within the SHU Lightning Complex. To accomplish our goals we need to identify problem areas, prescribe the needed work, and ensure that the work is completed.

In an effort to identify problem areas we have created the attached form for use by the Branches and Divisions. As noted on the form, items to consider include: fences and gates damaged during the incident; road and watercourse crossings repairs; culverts and watercourses needing cleanout; fire breaks in need of waterbarring; trash and equipment pickup.

Use the attached form(s) to document locations where repair work may be necessary. Use maps to show locations. Return forms to the Suppression Repair Unit at the end of your shift.

DEMOBILIZATION PLAN - summarized
SHU Lightning INCIDENT

I. RELEASE PRIORITIES

The following Release Priorities have been established by the Incident Commander in concert with the Redding ECC.

1. Local Government (other operational areas)
2. Out of state resources
3. Cooperating Agencies
4. Federal Resources
5. Contract and private resource
6. CAL FIRE resources (prioritized by distance and travel time)

III. GENERAL GUIDELINES

- A. **NO RESOURCES WILL LEAVE UNTIL AUTHORIZED BY THE DEMOB UNIT.**
- B. Efforts will be made to ensure that all released personnel arrive home by 2200.
- C. Prior to leaving the Incident the Demob Unit will brief all Supervisors and Strike Team Leaders.
- D. Notification to incident personnel will be by posting surplus releases in advance.
- E. Actual departure times and ETA at destination will be relayed to Expanded Dispatch at time of departure.
- F. All Trainees will see the Training Tech Specialist prior to departure.
- G. Maximum driving duration for federal resources will not exceed 10 hours/person/day.

IV. RESPONSIBILITIES

Unit Leaders will declare resources excess to their Section Chief. Section Chiefs will declare *excess* resources to the Demob Unit. Include the date and time the resources will be surplus, their position on the incident and any transportation needs. **Use the General Message Form (ICS-213) or Team release form to list all surplus resources. Send to the RESOURCE UNIT.

V. RELEASE PROCEDURES

- A. **Functional Heads** (i.e. Section Chiefs and Unit leaders) are responsible for determining resources "Excess" to their needs and submitting the list to the Planning Section. This must be done 24 hours in advance of anticipated release in order to Notify North Ops of planned demobilization and to allow a proactive approach to reassignments or releases to the home units. The lists will provide the following information about the resource:
 1. Order/Request number
 2. Resource name or designator
 3. ETD
 4. Travel time (including rest and meals if necessary)
 5. Destination
 6. Availability for reassignment (if not available, provide valid reason)
 7. If flying, nearest Jetport and Social Security Number
- B. **RESL** will determine if there is a need at the incident that the Excess resource can fill. If no incident reassignments are necessary, the resource will be declared "Surplus" to the incident.
- C. **DMOB** will combine the approved surplus resource lists to create "Pending" resource lists to be submitted to the forest or agency dispatch for confirmation. DMOB will work with the resources and supply units so that the resource status board and resource orders can be kept up to date.
- D. When a resource status has been **confirmed** by dispatch and NOPS. DMOB will notify the resource so that check-out may begin.
- E. The Crew Leader or individual will take the Demobilization Check-out form to:
 - COML (to confirm that radio equipment is returned)
 - SUPL (to confirm all non-expendable property is returned)
 - GSUL (to inspect, clean and repair vehicles)
 - TIML (to confirm all time reporting documents are complete)
 - DOCL (to hand in logs or ratings)
- F. DMOB will be the last stop in the press release process and:
 - Sign-off, note date and time on the ICS-221
 - Note any revisions to the ETD or ETA
 - Collect the ICS-221
- G. Resource is **released** and free to leave the incident.

SHASTA COMPLEX PHONE PLAN

I.C.		335-3428
SAFETY		707-889-4215
LIASON		335-3373
INFO		335-3372
	FAX	335-3395
CDC A. REP		335-3415
OPERATIONS		335-3408
		335-3377
PLANS		335-4084
LOGISTICS		335-3405
FINANCE	FAX	335-3382
	MOTEL	335-3424
	PPTS	335-3423
COMMUNICATIONS		335-3402
		335-5203
ORDERING		335-3413
		335-3411
	FAX	335-3388
FIRE INFO SHU OFFICE		225-2510
RESOURCE UNIT		335-4084
INCINET/CHECK-IN/DMOB/TRAINING	FAX	335-4106
NORTH TREE OFFICE	FAX	335-4152
NORTH TREE GIS		335-4132
CHECK-IN		335-3386
		335-3433
STAGING-----JERROD KOOS		831-251-6374
BURNEY LCA		335-2203
SHERIFFS OFFICE		335-2347
REPAIR		335-5542
		448-2430
RADIO TECH		335-4142
COM UNIT LEADER		335-4104
HELIBASE DESK		530-336-6280
HELIBASE FINANCE		530-336-6123
DAN TINNEL	OES REP	530-941-0095
WILL DARNALL	FSC	530-200-2504
HARPER KEENE	PUL	530-276-4687
TOM CRESPIE	TUL	530-200-6097
STEVE WEIR	GSUL	707-391-6732
SEAN	COST	530-200-2514
PATTI ROYER	PPTS	916-838-0843
KIM RONGEY	PURC	916-316-7352
JAN NEWTON	PURC	916-804-2113
KATHLEEN HIE	PURC	707-287-6718
PAUL ABE	ETR	916-799-8528
SKIP SANNERS	COMP	530-966-0350
CHRIS RAMEY	PTRC	707-599-6439
LARAMIE GRIFFITH	CCC A. REP	530-227-1024
ARIK BORD	ELITE SECURITY	530-598-6498
ROGER CUMMINGS	ELITE SECURITY	530-605-5904
ELITE SECURITY	DISP	888-948-4774
		530-242-8957

TRAINEES

SEE THE TRAINING SPECIALIST

(LOCATED IN PLANS - NEXT TO CHECK-IN)

START THE PROCESS OR UPDATE THE PROGRESS.

**STOP BY PERIODICALLY SO I CAN TRACK YOUR TASK
BOOK**



MARK MCKEY
TRAINING SPECIALIST
ICT 1

Archaeological Guidelines for the Shasta Lightning Complex Shasta County, CA

1. Sites known by the archaeologist will be marked with red plastic flagging tape.
2. Be on the lookout for unmarked prehistoric archaeological sites. These sites may include village sites that include dark midden soils and circular housepit depressions; seasonal camps marked by the presence of shiny black obsidian flakes and/or white-colored freshwater mussel shells; and hunting camps containing obsidian and basalt flakes.
3. Be on the lookout for unmarked historic archaeological sites. These sites may include old cabins and homesteads now marked by the presence of foundations, wells, and can dumps. Also present is early infrastructure related to the PG&E hydro-electric system.
4. Look for these unmarked prehistoric and historic sites in flat areas, especially adjacent to the Pit River, streams, and springs.
5. Avoid ground disturbing activities within archaeological sites where possible. If you can't avoid, minimize ground disturbance as much as possible, only clearing the surface to as minimal a depth as necessary. Try to go around sites with dozers rather than through them. Flag the site for continued avoidance during Fire Suppression Repair activities.
6. If you find artifacts leave them in place. Some artifacts may have been intentionally placed for religious or ceremonial reasons.
7. If possible, note locations of discovered artifacts, features, and/or sites on a map. Better yet take a GPS reading. Leave information for the archaeologist with the Plans Unit.
8. **While protection of non-renewable cultural resources is important, firefighter safety is even more important. Protect archaeological sites where you can but do not jeopardize firefighter safety or risk losing control of the incident when site protection is considered.**

Thanks for your help protecting California's cultural heritage.

Richard Jenkins
CAL FIRE Northern Region Archaeologist
Redding

Fire Suppression Repair Checklist

CA-SHU-005594

Fire Name _____ Form Preparer _____

Division _____ Date Prepared _____

Work Needed

Location
(T./R./S.)

Fence/Gate Repair _____

Waterbars _____

Road Repair _____

Watercourse Cleanout _____

Culvert Cleanout and Repair _____

Seeding/Mulching Watercourse Crossing _____

Trash Pickup _____

Other _____

NOTE: List type of material/equipment/personnel needed (e.g., fencing materials, tools, dozer, backhoe, stakeside, handcrew, etc.)

REHABILITATION

It is time to begin planning for the fire suppression repair efforts. A fire suppression repair plan will be developed for each of the fires within the SHU Lightning Complex. To accomplish our goals we need to identify problem areas, prescribe the needed work, and ensure that the work is completed.

In an effort to identify problem areas we have created the attached form for use by the Branches and Divisions. As noted on the form, items to consider include: fences and gates damaged during the incident; road and watercourse crossings repairs; culverts and watercourses needing cleanout; fire breaks in need of waterbarring; trash and equipment pickup.

Use the attached form(s) to document locations where repair work may be necessary. Use maps to show locations. Return forms to the Suppression Repair Unit at the end of your shift.

DEMOBILIZATION PLAN - summarized
SHU Lightning INCIDENT

I. RELEASE PRIORITIES

The following Release Priorities have been established by the Incident Commander in concert with the Redding ECC.

1. Local Government (other operational areas)
2. Out of state resources
3. Cooperating Agencies
4. Federal Resources
5. Contract and private resource
6. CAL FIRE resources (prioritized by distance and travel time)

III. GENERAL GUIDELINES

- A. **NO RESOURCES WILL LEAVE UNTIL AUTHORIZED BY THE DEMOB UNIT.**
- B. Efforts will be made to ensure that all released personnel arrive home by 2200.
- C. Prior to leaving the Incident the Demob Unit will brief all Supervisors and Strike Team Leaders.
- D. Notification to incident personnel will be by posting surplus releases in advance.
- E. Actual departure times and ETA at destination will be relayed to Expanded Dispatch at time of departure.
- F. All Trainees will see the Training Tech Specialist prior to departure.
- G. Maximum driving duration for federal resources will not exceed 10 hours/person/day.

IV. RESPONSIBILITIES

Unit Leaders will declare resources excess to their Section Chief. Section Chiefs will declare *excess* resources to the Demob Unit. Include the date and time the resources will be surplus, their position on the incident and any transportation needs. **Use the General Message Form (ICS-213) or Team release form to list all surplus resources. Send to the RESOURCE UNIT.

V. RELEASE PROCEDURES

- A. **Functional Heads** (i.e. Section Chiefs and Unit leaders) are responsible for determining resources "Excess" to their needs and submitting the list to the Planning Section. This must be done 24 hours in advance of anticipated release in order to Notify North Ops of planned demobilization and to allow a proactive approach to reassignments or releases to the home units. The lists will provide the following information about the resource:
 1. Order/Request number
 2. Resource name or designator
 3. ETD
 4. Travel time (including rest and meals if necessary)
 5. Destination
 6. Availability for reassignment (if not available, provide valid reason)
 7. If flying, nearest Jetport and Social Security Number
- B. **RESL** will determine if there is a need at the incident that the Excess resource can fill. If no incident reassignments are necessary, the resource will be declared "Surplus" to the incident.
- C. **DMOB** will combine the approved surplus resource lists to create "Pending" resource lists to be submitted to the forest or agency dispatch for confirmation. DMOB will work with the resources and supply units so that the resource status board and resource orders can be kept up to date.
- D. When a resource status has been **confirmed** by dispatch and NOPS. DMOB will notify the resource so that check-out may begin.
- E. The Crew Leader or individual will take the Demobilization Check-out form to:
 - COML (to confirm that radio equipment is returned)
 - SUPL (to confirm all non-expendable property is returned)
 - GSUL (to inspect, clean and repair vehicles)
 - TIML (to confirm all time reporting documents are complete)
 - DOCL (to hand in logs or ratings)
- F. DMOB will be the last stop in the press release process and:
 - Sign-off, note date and time on the ICS-221
 - Note any revisions to the ETD or ETA
 - Collect the ICS-221
- G. Resource is **released** and free to leave the incident.

SHASTA COMPLEX PHONE PLAN

I.C.		335-3428
SAFETY		707-889-4215
LIASON		335-3373
INFO		335-3372
	FAX	335-3395
CDC A. REP		335-3415
OPERATIONS		335-3408
		335-3377
PLANS		335-4084
LOGISTICS		335-3405
FINANCE	FAX	335-3382
	MOTEL	335-3424
	PPTS	335-3423
COMMUNICATIONS		335-3402
		335-5203
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STEVE WEIR	GSUL	707-391-6732
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PATTI ROYER	PPTS	916-838-0843
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ROGER CUMMINGS	ELITE SECURITY	530-605-5904
ELITE SECURITY	DISP	888-948-4774
		530-242-8957

DIVISION / GROUP SUPERVISOR OPERATIONAL PERIOD - DEBRIEFING FORM

Incident Name: _____ Operational Period: _____

Branch: _____ Division/Group: _____ Div/Grp Supervisor Name: _____
 Cell #: _____ Vehicle Radio #: _____

Weather: _____

Time: _____ Temp: _____ Humidity: _____ Fire Behav.: _____
 Wind: _____ Fuels: _____ Topog: _____ Natural Barriers: _____

General Remarks / Accomplishments / Problem Areas:

Spot Fires: _____

Safety Concerns: _____

Water Sources: _____

Drop Points: _____

Division Breaks: _____

Helispots: _____

Values at Risk: _____

Today

ACCOUNTABILITY

AGENCY Resources Committed to Division / Group

Overhead	ENG	ENG S/T	CRW	CRW S/T	DOZ	DOZ S/T	Other

ACCOUNTABILITY

PRIVATE Resources Committed to Division / Group

Kind	Req. #	Owner / ID	Operator	2nd Oper?	Type/Size	Remarks

Reminder: Complete Vendor Shift Tickets and Vendor Evaluations

Planning for Next Operational Period

Next Operational Period: _____ thru _____ Division / Group: _____

Division / Group RESOURCES NEEDED for Next Operational Period

Engines (Type/#)		Crews (Type/#)		Dozers	Water Tenders	Tankers	Copters	Other Equipment	Overhead
S/T	SR	S/T	SR	Type/#	Type/#	Type/#	Type/#	Kind/#	Kind/#

Division / Group Assignments – Special Needs Next Operational Period

TOMORROW

Work Assignments:

Special Needs:

MAP of Current and Expected Conditions

Please Turn in this Form to Planning Section - We have Color Maps

