

Little Mack Lake Fire

INCIDENT ACTION PLAN

04/29/2012

0700 - 1900

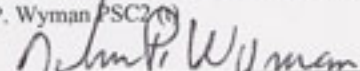
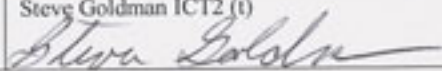
MI-HMF-120089

P9GTB3

Eastern Area IMT2

Paul Kollmeyer IC



INCIDENT OBJECTIVES	1. INCIDENT NAME Little Mack Lake	2. DATE PREPARED 4/28/12	3. TIME PREPARED 1800
4. OPERATIONAL PERIOD (DATE/TIME) 4/29/12 0700 - 1900			
5. GENERAL CONTROL OBJECTIVES FOR THE INCIDENT (INCLUDE ALTERNATIVES) 1) Provide for firefighter and public safety. 2) Ensure a harassment-free workplace. 3) Keep suppression costs commensurate with values at risk. 4) Protect endangered species habitat where possible; minimize impacts to riparian areas and wetlands when possible. 5) Protect high value improvements such as homes and other structures. 6) MMA of incident is South of Cauchy, Tower and East Bull Gap Roads, East of M33, North of Hughes Lake Road, and West of Stevens and East Bull Gap Roads. 7) Prefer that incident boundaries stay within Sections 3, 4, 5, 6, 7, 8, 9, 10, 33 and 34			
6. WEATHER FORECAST FOR OPERATIONAL PERIOD See Attached			
7. GENERAL SAFETY MESSAGE See Attached			
8. ATTACHMENTS (✓ IF ATTACHED) <input checked="" type="checkbox"/> ORGANIZATION LIST (ICS 203) <input checked="" type="checkbox"/> MEDICAL PLAN (ICS 206) <input checked="" type="checkbox"/> <u>Safety message</u> <input checked="" type="checkbox"/> ASSIGNMENT LIST (ICS 204) <input checked="" type="checkbox"/> INCIDENT MAP <input checked="" type="checkbox"/> <u>Weather forecast</u> <input checked="" type="checkbox"/> COMMUNICATIONS PLAN (ICS 205) <input type="checkbox"/> TRAFFIC PLAN <input checked="" type="checkbox"/> <u>Training message</u>			
9. PREPARED BY (PLANNING SECTION CHIEF) John P. Wyman PSC2 (t) 		10. APPROVED BY (INCIDENT COMMANDER) Steve Goldman ICT2 (t) 	

Spot Forecast for Little Mack Lake Fire
 National Weather Service Gaylord
 359 PM EDT Sat Apr 28 2012 for Sunday April 29, 2012

Skies will be sunny Sunday. Transport winds will organize from the Northeast and temperatures will be about 10 degrees warmer. This will push humidity levels below 25% and mixing heights a higher. Surface winds will again be fairly light.

Sunday...

Sky/weather.....sunny (0-10 percent).
 Temperature.....max 59.
 RH.....min 16 percent.
 Wind (20 ft).....light winds becoming east 5 to 7 mph in the late morning and afternoon.
 Transport winds....northeast 5 to 9 mph.
 Mixing height.....300-1900 ft agl increasing to 4500-5000 ft agl in the afternoon.
 Haines index.....max 5.
 Smoke dispersal....max good(400).
 Mixing height.....300-1900 ft agl increasing to 4500-5000 ft agl in the afternoon.
 Transport winds....northeast 5 to 9 mph.

TIME (EDT)	6 AM	8 AM	10 AM	NOON	2 PM	4 PM
SKY (%)	0	0	3	5	8	7
WEATHER COV.....						
WEATHER TYPE....	NONE	NONE	NONE	NONE	NONE	NONE
TEMP.....	25	30	43	52	54	58
RH.....	74	63	36	24	21	18
20 FT WIND.....	W 2	NW 4	NE 5	NE 6	E 7	E 7
20 FT WIND GUST.		10	10	10	10	10
HAINES INDEX....	4	4	4	5	5	5
SMOKE DISP.....	0	100	300	400	400	200

Sunday night (From General Forecast)

Sky/weather.....mostly clear (20-30 percent).
 Min temperature.....26-31
 Max humidity.....77-82 percent
 20-foot winds.....east winds around 5 mph.
 Haines index.....4
 Pcpn amount.....none.

Monday (From General Forecast)

Sky/weather.....partly sunny (60-70 percent)Chance of rain showers after 1200.
 Max temperature.....51-56
 Min humidity.....46-51 percent
 24 hr trend.....30 percent wetter
 20-foot winds.....southeast winds 5 to 10 mph.
 Haines index.....4
 Pcpn amount.....0.08-0.15 in.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 3	TYPE OF FIRE: Wildfire
FIRE NAME: Little Mack Lake	OPERATIONAL PERIOD: Sun, Apr 29, 2012 Day
DATE ISSUED: Sat, Apr 28, 2012	TIME ISSUED: 2100
UNIT: Huron-Manistee National Forest	SIGNED: <i>Mike Locke</i> <i>ML</i> Typed/printed Mike Locke FBAN (t)

INPUTS

WEATHER SUMMARY: High pressure will maintain its influence over the Region today. RH will fall to critical level around 16%. Max: Temps should reach 59. Winds E 5-7
Low temps around 22° overnight. Monday, partly sunny with a chance of rain showers after 1200.

OUTPUTS

FIRE BEHAVIOR

GENERAL:

Fine surface and aerial fuels were mostly consumed during the initial fire run. Heavy fuels and duff have retained moisture sufficient that there is very little smoldering fire. Whatever hanging fire still exists shows up around 2-3 pm.

Fuels: Area is largely immature Jack Pine, regenerated after the 1980 Mack Lake Fire. Surface fuels in the Jack Pine are largely litter fuels, with some grasses and low shrubs. Look for areas with broken tops on the ground as red slash after ice storm this winter. On east side, fuel breaks along the road were effective, largely oak regeneration, some sedge and blueberry.

Fuel Moistures: Low humidities should drop fine fuel moistures to 4-7%, and probability of ignition (POI) up to 55%, depending on shading. Needle moistures are on their way down, with recent measurements showing Jack Pine needles at 100% and Red Pine around 95%. Grasses and blueberry are showing signs of starting to green up, though in dry sand vegetation is still largely dormant.

Fire Behavior: After a cold morning, look for any smokes to become evident in the early afternoon as sun gets high in the sky and winds are able to dry fuels. Conditions today will be similar to those on the day this fire started. Fire (any new ignition) has a good potential for crown fire runs. Surface fire behavior could be about 35 chains per hour (30 ft/mn), with flame lengths about 7-8' in the immature jack pine.

Forecast indices for Sunday afternoon:

Fine Fuel Moisture Code (FFMC) 90 – High, Spot fires likely, easy ignition

Duff Moisture Code (DMC) 30 – High, surface litter burns

Drought Code (DC) – 46, Low, not likely to burn below surface litter.

Initial Spread Index (ISI) 9.6 – High, high rates of spread likely

SPECIFIC:

Division A & Z: Little fire activity expected, but any holdovers should show up as the day gets warmer and drier.

IA: New ignitions could see rapid expansion reaching rates of spread of about 35 ch/hr (ft/mn). If winds exceed forecast (5-7mph) there is the potential for intermittent crown fire and faster spread rates.

AIR OPERATIONS: With clear skies and little smoke to start the day, look for good visibility.

SAFETY

Conditions today will be similar to the day this fire made it's big crown run. Heads up for spots or new starts. Monitor winds as they approach an intermittent crown fire potential at about 8 mph (20').

ORGANIZATION ASSIGNMENT LIST		1. INCIDENT NAME Little Mack Lake	2. DATE PREPARED 4/28/2012	3. TIME PREPARED 1800
POSITION	NAME	4. OPERATIONAL PERIOD (DATE/TIME) 4/29/2012 0700 - 1900		
5. INCIDENT COMMANDER AND STAFF		9. OPERATIONS SECTION		
INCIDENT COMMANDER	Paul Kollmeyer/ Steve Goldman (t)	CHIEF--Field	John Tuetrine Bob Little (t)	
DEPUTY	Jim Grant	PLANNING OPS	Dave Walker	
SAFETY OFFICER	Al Harrison Pete To (t) Rick Case (t)	a. BRANCH I- DIVISION/GROUPS		
INFORMATION OFFICER	Bob MacGregor Carol Nilsson Carrie Scott	BRANCH DIRECTOR		
LIAISON OFFICER		DEPUTY		
6. AGENCY REPRESENTATIVES		DIVISION/GROUP	A	Jay Saunders
AGENCY	NAME	DIVISION/GROUP	Z	Melanie Fullman/ Scott Crist (t)
USFS	Jim Thompson	DIVISION/GROUP		
County EOCs	Elizabeth Galer 989-390-9654	DIVISION/GROUP		
LE	Kevin Grace 989-826-3214	DIVISION/GROUP		
Road Com	Jim Cooper 989-390-0121	b. BRANCH II- DIVISION/GROUPS		
READ	Phil Huber	BRANCH DIRECTOR		
7. PLANNING SECTION		DEPUTY		
CHIEF	Mark Wurdeman	DIVISION/GROUP		
RESOURCES UNIT	John Wyman (t)	DIVISION/GROUP		
SITUATION UNIT	Mary Lucas (t)	DIVISION/GROUP		
DOCUMENTATION UNIT	Terri Gallagher (t)	DIVISION/GROUP		
DEMOBILIZATION UNIT		DIVISION/GROUP		
TECHNICAL SPECIALISTS		DIVISION/GROUP		
TNSP	John Davis	c. BRANCH III- DIVISION/GROUPS		
CTSP	Amy Johnson	BRANCH DIRECTOR		
FBAN	Robert Ziel Mike Locke (t)	DEPUTY		
GISS	Liz McNichols	DIVISION/GROUP		
SCKN	Anne Avery(t) Dana Smith(t)	DIVISION/GROUP		
8. LOGISTICS SECTION		DIVISION/GROUP		
CHIEF	Harv Skjerven	d. AIR OPERATIONS BRANCH		
DEPUTY		AIR OPERATIONS BR. DIR.		
a. SUPPORT BRANCH		AIR TACTICAL GROUP SUP.		
DIRECTOR		AIR SUPPORT GROUP SUP.	Tim Faust	
SUPPLY UNIT	Ralph Hartman	HELICOPTER COORDINATOR		
RECEIVING DISTRIBUTION	Mike Roche (t)	AIR TANKER/FIXED WING CRD.		
GROUND SUPPORT UNIT	Steve Kashman			
CACHE MGR	Vern St. Johns			
b. SERVICE BRANCH				
DIRECTOR				
COMMUNICATIONS UNIT	Arnie Irving +2			
MEDICAL UNIT	Kameron Sam			
FOOD UNIT				
10 FINANCE/ADMINISTRATION SECTION		CHIEF	Dale Harrison	
PREPARED BY (RESOURCES UNIT)		DEPUTY		
Mary Lucas RESL(t)		TIME UNIT		
<i>Mary Lucas</i>		PROCUREMENT UNIT		
		COMPENSATION/CLAIMS UNIT		
		COST UNIT	Mary Scheuerman	
		PTRC	Donna Debroski	
		EQTR	Jen Gallagher	

DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group A			
3. Incident Name Little Mack Lake		4. Operational Period Date: 4/29/12				Time: 0700-1900	
5. Operations Personnel							
Operations Chief		John Tuetrine		Division/Group Supervisor		Jay Saunders	
Safety Officer		Rick Case (I)		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
O-35 TFLD(I)		P. Whelan	1		DP1 0800		DP1 1900
O-12 TFLD		K. Kelly	1		DP1 0800		DP1 1900
E-1 E5670 IN-IDP		J. James	3		DP1 0800		DP1 1900
E-8 E9503 MO-MTF		T. Crowe	3		DP1 0800		DP1 1900
E-7 E642 IN-HOF		R. Otto	3		DP1 0800		DP1 1900
7. Control Operations Patrol and mop-up as needed up to 200 ft. from perimeter. Continue snagging operations—remove dead and fire-killed trees that are creating hazards to roads. Utilize road guards for felling operations along roads. Incorporate rehab tasks as assigned by DIVS. Complete backhauling of trash.							
8. Special Instructions All resources are IA available. Watch out for public traffic which has noticeably increased for the weekend. Use flashing and overhead lights when working along roads.							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	166.6125	King NIFC	11	Command		King NIFC	
Tactical 1 Div/Group	168.050	King NIFC	1	Air to Ground	169.150	King NIFC	4
Prepared by (Resource Unit Leader) Mary Lucas RESL(I) <i>Mary Lucas</i>		Approved by (Planning Section Chief) John Wyman PSC2(I) <i>John Wyman</i>			Date 4/28/2012		Time 1800

6

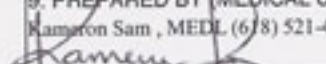
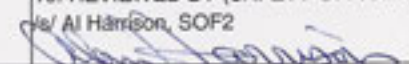
DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group Z			
3. Incident Name Little Mack Lake		4. Operational Period Date: 4/29/12		Time: 0700-1900			
5. Operations Personnel							
Operations Chief	John Tuetrine	Division/Group Supervisor		Melanie Fullman/Scott Crist (1)			
Safety Officer	Rick Case (1)	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		
O-15 HEQB	R. MacDonald	1		SA1 0800	SA1 1900		
O-10 HEQB	D. Foco	1		SA1 0800	SA1 1900		
E-6 ENG6 E122 IN-INS	D. Daily	3		SA1 0800	SA1 1900		
E-10 ENG6 E622 MN-SUF	R. Kujawa	3	1 EMT	SA1 0800	SA1 1900		
E-14 DOZ3 Precision D4H	L. Hager	1		SA1 0800	SA1 1900		
E-12 DOZ3 Sharboneau D5	D. LaFave	1		SA1 0800	SA1 1900		
7. Control Operations							
Patrol and mop-up as needed up to patrol 200 ft. from perimeter.							
Continue snagging operations—remove dead and fire-killed trees that are creating hazards to roads.							
Utilize road guards for felling operations along roads.							
Incorporate rehab tasks as assigned by DIVS.							
Complete backhauling of trash.							
8. Special Instructions							
All resources are IA available.							
Watch out for public traffic which has noticeably increased for the weekend.							
Use flashing land overhead lights when working along roads.							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	166.6125	King NIFC	11	Command			
Tactical 2 Div/Group	168.200	King NIFC	2	Air to Ground	169.150	King NIFC	4
Prepared by (Resource Unit Leader) Mary Lucas RESL(1) <i>Mary Lucas</i>		Approved by (Planning Section Chief) John Wyman PSC2(1) <i>John Wyman</i>		Date 4/28/2012		Time 1800	

INCIDENT RADIO COMMUNICATIONS PLAN				1. INCIDENT NAME Little Mac Lake Fire	2. DATE / TIME PREPARED 4/28/12-1700	3. OPERATIONAL PERIOD 4/29/2012
4. BASIC RADIO CHANNEL UTILIZATION						
SYSTEM / CACHE	CHANNEL	FUNCTION	FREQUENCY / TONE		ASSIGNMENT	REMARKS
KING	1	Tac 1	Rx	168.050	Division A	
			Tx	168.050		
KING	2	Tac 2	Rx	168.200	Division Z	
			Tx	168.200		
KING	3	Blank	Rx			
			Tx			
KING	4	Air to Ground	Rx	169.150	All Divisions	
			Tx	169.150		
KING	5	Blank	Rx			
			Tx			
KING	6	Blank	Rx			
			Tx			
KING	7	Blank	Rx			
			Tx			
KING	8	Blank	Rx			
			Tx			
KING	10	Forest Repeater	Rx	169.925	All Divisions	Luzerne Repeater. Use in emergency only if command repeater not working.
			Tx	170.525 T 127.3		
KING	11	Command Repeater	Rx	166.6125	All Divisions	Located at old Fire Tower site. If having difficulty transmitting move away from heavy pines. Radio check your area at beginning of shift.
			Tx	168.400		
KING	12	Blank	Rx			
			Tx			
KING	13	Blank	Rx			
			Tx			
KING	14	Air Guard	Rx	168.625	Aircraft Emergency	USE ONLY IN AN EMERGENCY
			Tx	168.625		
KING	16	Air Guard	Rx	168.625	Aircraft Emergency	USE ONLY IN AN EMERGENCY
			Tx	168.625		
ICS 205 9/86 NFES 1330	5. PREPARED BY: (COMMUNICATIONS UNIT) <i>Arnie Irvine</i> ARNIE IRVINE, COML					
Remarks: All frequencies are narrow band unless otherwise noted.						

INCIDENT RADIO COMMUNICATIONS PLAN

1. INCIDENT NAME Initial Attack Little Mack Lake Group 2 East Fire		DATE/TIME PREPARED 4/28/2012		OPERATIONAL PERIOD 4/29/2012		
4. BASE RADIO CHANNEL UTILIZATION						
SYSTEM/CACHE	CHANNEL	FUNCTION	RX FREQUENCY/TONE	TX FREQUENCY/TONE	ASSIGNMENT	REMARKS
KING/NIFC	1	Forest Admin	169.925	169.925	Command	Narrow band
KING/NIFC	2	Repeaters	169.925	170.525	Glennie Harrisville Luzerne Silver Valley	Narrow band
KING/NIFC	3	TAC 1	169.125	169.125	Division A Primary Tactical	Narrow band
KING/NIFC	4	TAC 2 R9	166.5625	166.5625	Division B Primary Tactical	Narrow band
KING/NIFC	5	NIFCTAC2	168.200	168.200		Narrow band
KING/NIFC	6	A/G WEST	166.675	166.675	Primary Air to Ground Manistee NF	Narrow band
KING/NIFC	7	A/G EAST	167.950	167.950	Primary Air to Ground Huron NF	Narrow band
KING/NIFC	8	A/G 3	170.000	170.000		Narrow band
KING/NIFC	10	ST EMERG	154.295	154.295		Narrow band
KING/NIFC	11	MDNR TAC 1	151.325	151.325		Narrow band
KING/NIFC	12	MDNR A/G	171.425	171.425	Air to Ground MDNR	Narrow band
5. PREPARED BY (COMMUNICATIONS UNIT)						

[Signature]

MEDICAL PLAN	1. INCIDENT NAME	2. DATE PREPARED	3. TIME PREPARED	4. OPERATIONAL PERIOD				
		Little Mack Lake	April 28, 2012	1800	April 29, 2012 , 0700-1900			
5. INCIDENT MEDICAL AID STATIONS								
MEDICAL AID STATIONS	LOCATION			PARAMEDICS				
				YES	NO			
ICP Medical Aid Station – EMT B – Kameron Sam	Mio Ranger District Office – ICP (located in ICP across from the fire office)					X		
6. TRANSPORTATION								
A. AMBULANCE SERVICES								
NAME	ADDRESS	PHONE	PARAMEDICS					
			YES	NO				
Oscoda County Ambulance – Advance Life Support- ALS Supervisor: Casey Pullum	Mio, MI	911 or (989) 826-1176 Cell: (989) 745-4200	X					
Mobile Medical Response (MMR) - ALS	Crawford County, MI	911 or (989) 344-9818 Cell: (989) 751-2125	X					
Fredrick Ambulance - ALS	Crawford County, MI	911 or (989) 390-2301	X					
North Flight Medevac Supervisor: Tom	Traverse City, MI	800-922-6170 (231) 935-9500	X					
Coast Guard Helicopter with 600 lb Hoist	Traverse City, MI	800-851-3051 231-922-8210	X					
B. INCIDENT AMBULANCES								
NAME	LOCATION			PARAMEDICS				
				YES	NO			
Call 911 for EMS								
7. HOSPITALS								
NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER	
		AIR	GRND		YES	NO	YES	NO
Mercy Hospital Grayling – Level 3 Trauma	1100 Michigan Avenue Grayling, MI 49738 Heliport : Lat 44 -40- 0.1/ Long: 084-42- 400	15 min	30-40 min	(989) 348-5491 E.R. (989) 348-0313	X			X
Munson Medical – Level 2 Trauma	1105 6 th Street Traverse City, MI 49684 Heliport: Lat: 44-45-38.0030/Long: 085-38-38.2760	40 min	2 hr.	(231) 935-5000	X			X
University of Michigan Trauma Burn Center	1500 E. Medical Center Drive 1C-421-UH Ann Arbor, MI 48109-5033	1 hr.	3 hr.	Burn clinic: Nurses Station: (734) 936-9631	X		X	
8. MEDICAL EMERGENCY PROCEDURES								
<p>In the event of an emergency , use incident within an incident (IWI) protocol. The DIVS or highest qualified personnel will serve as or designate an on-scene point of contact (POC)</p> <p>The POC will:</p> <ul style="list-style-type: none"> • Take charge of the scene and identify/determine who is in charge of assessing and treating the patient. • Use the Incident Communications Protocol to relay critical information regarding patient assessment, transportation, and resource needs. Do not use patient name over the radio. • Coordinate the request for transportation and/or other resources based on patient assessment. DIVS and MEDL will make transportation decision. • Ensure that information about patient assessment, transportation or other resource needs is transmitted directly to the Incident Command Post Communications unit in order to reduce the time it takes to communicate essential information and to limit the potential for miscommunication. <p>Medevac will be coordinated through ICP Communications, Operations, Safety, and Medical Unit. Medical treatment and evacuation will be organized with the Huron-Manistee Dispatch Center- (231)-775-8732. Air ambulance service, North Flight has one A Star B3 Helicopter and can be dispatched from Traverse City, MI within 30-40 minutes. North Flight uses State Air to Ground Medical frequency 155.16000. Coast Guard has Dauphin HH-65C Helicopter with Hoist can be ordered through 911 dispatch center, then coordinated through Air Force Rescue Coordination Center (AFRCC) at phone #: 800-851-3051.</p> <p>In case of a medical emergency at ICP, contact medical personnel at ICP Medical Unit (618) 521-4528.</p>								
206 ICS 8/78	9. PREPARED BY (MEDICAL UNIT LEADER) Kameron Sam , MEDL (618) 521-4528 				10. REVIEWED BY (SAFETY OFFICER) Al Harrison, SOF2 			

AIR OPERATIONS SUMMARY

Prepared Tim Faust

Prepared Date: 4/28/2012

Prepared Time: 16:31

1. INCIDENT NAME: Little Mack Lake		2. OPS PERIOD DATE: 4/29/2012 0600-2000		START TIME: 0900	END TIME: 1800	SUNRISE: 0626	SUNSET TIME: 2036
3. REMARKS (Safety Notes, Hazards, SEE AND AVOID, GENERAL AVIATION TRAFFIC LACK OF VISIBILITY DUE TO SMOKE, WATCH FOR INCREASED TOURIST ON LAKES OSC-Airport Unicom 123 ALL AIRCRAFT ON THE GROUND BY SUNSET Oscoda Airport/ HELIBASE Lat and Long 44.27.09N by 83.23.39W				4. READY ALERT AIRCRAFT All air Medivacs will be coordinated by SAFETY AND Dispatch N767H Forest I.A. Ship		5. NO TFR IN PLACE CENTER POINT OF FIRE 44.34.49.42N 84.05.47.81W	

PERSONNEL	NAME	PHONE #	7. FREQUENCIES	AM	FM	8. FIXED-WING- Type/ Make-Model/ N#/ Base
ASGS	Tim Faust O-2.2	702-528-9929	AIR/AIR	123.1750	A-5	AIR ATTACK-
Oscoda HEB	Scott Bashaw A-3.1 HCMG N718HT Angie Ruble A-1.1 HCMG N767H	573-429-5162 573-241-0604	AIR/ GROUND 1	A-4	169.150	LEAD PLANES- As needed as requested by the ATGS Dispatch Air Desk SEATS- As needed as requested by the ATGS through Dispatch Air Desk TANKERS- As needed as requested by the ATGS through Dispatch Air Desk AVAIATION SUPPORT EQUIPMENT

9. HELICOPTER

FAA N#	TY	MAKE/ MODEL	BASE	AVAIL	START	REMARKS	FAA N#	T Y	MAKE/ MODEL	BASE	AVAIL	START	REMARKS
N718HT	1	CH-54B A-3	OSC HB	09:00	09:00	Buckets							
N767H	3	Bell 206 A-1	OSC HB	09:00	09:00	recon /pax/bucket							

LITTLE MACK LAKE - RESOURCE PROTECTION MEASURES [4/29/2012]

DIVISION A

- The fireline ascends a steep hill, just north of the east/west drainage. Fire crews should avoid driving up this hill. Spinning tires are starting to cause erosion. Waterbar the road by hand-cutting small sections of fireline perpendicular to the road, approximately every 20 feet. Finally, drop or push a few larger diameter trees across the slope to prevent ORVs from using this area as a hill climb, until it is completely rehabilitated after the fire is declared out.
- Three short sections of plow furrow in the black should be rehabilitated by fire crews by flipping the sod back into the furrow. One section is just north of County Road 604, and the other two have Lat/Longs and are as follows:

Latitude	Longitude
44.58396	84.10122
44.58987	84.10066

This also applies to any other plow furrows you may find that have black on both sides.

- A user-developed ORV trail runs east/west through the burn area and intersects the fireline at the following location:

Latitude	Longitude
44.58396	84.10122

Obliterate this trail by felling or pushing trees across its entire length. Coordinate operations with Division Z. This applies to other user-developed trails you may find within the burn area.

- "No Motor Vehicle" carsonite signs should be installed where the firelines intersection open roads. The district will supply the signs and carsonite pounders to the division.

DIVISION Z

- A short section of plow furrow in the black should be rehabilitated by fire crews by flipping the sod back into the furrow. The Lat/Long is:

Latitude	Longitude
44.57767	84.09514

This also applies to any other plow furrows you may find that have black on both sides.

- Any user-developed ORV trails in the burn area should be obliterated by felling or pushing trees across its entire length. Coordinate operations with Division A.
- "No Motor Vehicle" carsonite signs should be installed where the firelines intersection open roads. The district will supply the signs and carsonite pounders to the division.

TRAINING MESSAGE
APRIL 29

Trainees - Time is short!

Please remember to check out with the Training Specialist prior to being demobed to complete the paperwork and discuss the training assignment. Preparation is key to a smooth close-out:

- Evaluators must initial and date the relevant parts of the task book, complete their evaluation record in the back and discuss the assignment with the trainee. If you are recommending certification for your trainee - and are yourself certified in the position - fill in the Final Evaluator's Verification box on page 2 of the PTB.
- Evaluators will also need to complete an Individual Performance Rating form (ICS 225 or 226) and discuss the evaluation with the trainee.
- Trainees need to bring the completed task book and performance rating(s) with you. If you haven't already done so, please come prepared to provide Home Unit names and addresses for Trainee, Trainer and the Trainee's home unit IQCS training official.

If you've done all this, your close-out should only take 10-15 minutes.

The palest ink is better than the best memory". Chinese Proverb

John Davis, Training Specialist

CREW and OPERATIONS RESOURCES - TIME EXPECTATIONS

Crew Time Reports will be turned in at the end of each shift (Daily)

Crew Starting Time

The Division Group Supervisor (DIVS) (**MUST sign and print name**) may authorize the Crew Boss/Engine Boss assigned to their Division to start their individual time 30 minutes prior to morning briefing provided the Crew/Engine Boss lines out and assigns preparation responsibilities to their crew subordinates and requires them to perform those responsibilities while the morning briefing is being conducted (only one person per crew is authorized this 30 minutes). Preparation responsibilities include obtaining lunches, tools and other needed supplies. Crew personnel may be authorized to begin their time at the start of morning briefing when such duties are assigned.

When such time has been authorized by the DIVS, the expectation is that said resources will be en route to their assignments within 30 minutes of the conclusion of Division break out briefings.

Crew On-line Lunch Break

The Division Group Supervisor (DIVS) may authorize the crews to be paid during their lunch break when **BOTH** the following conditions are met:

1. The fire is uncontrolled and the crew is assigned on the fire line.
2. The Operations Chief has specified that personnel are required to remain deployed singly among the line at a high level of alertness in order to watch for falling snags, smokes, or rolling material or to otherwise hold established firelines and continue to work as they eat. This must be documented on the Crew Time Report with a detailed justification stating the reason for not taking a meal break – Blanket statement of "Fire not controlled" is not detailed nor does it suffice.

Ending Time

The crew's time will stop when the crew arrives back at incident base or spike camp. The DIVS may authorize the Crew Boss/Engine Boss up to one hour of administrative time to post crew time, deal with medical and financial issues and check on the general welfare of their crews. The Division Group Supervisor (DIVS) may authorize the Crew/Engine Boss to approve selected (1-3) individuals 30 minutes to refurbish equipment, gas vehicles, order/maintain replacement supplies.

Duty Day Limitations

ALL hours approved by the DIVS **must** fall within the **16-hour duty day** limitation. Exceptions **MUST** be coordinated through the Operations Chief, approved by the Incident Commander, and documented with a written justification and a statement of how the excess hours are being mitigated.

Demob Time

Appropriate allowances for time in the demobilization process will vary by the mode of transportation the crews will be utilizing and their scheduled release time. Time Unit Leaders will resolve any questionable postings with the Finance Section Chief on a case-by-case basis.

Incident within an Incident

General Procedures

In the event of an emergency IWI, an on-scene point of contact (POC) will be determined or designated by chain of command. This will typically be the appropriate Division/Group Supervisor or other individual not directly involved with the incident. If Division Supervisor cannot be contacted, the highest qualified operations person or safety officer on scene will assume the role of POC of the emergency and take appropriate action.

Critical Element:

The POC will:

- Take charge of the scene and identify/determine who is in charge of assessing and treating the patient.
- Use the Incident Communications Protocol to relay critical information regarding patient assessment, transportation, and resource needs.
- Coordinate the request for transportation and/or other resources based on patient assessment.
- Ensure that information about patient assessment, transportation or other resource needs is transmitted directly to the Incident Command Post Communications unit in order to reduce the time it takes to communicate essential information and to limit the potential for miscommunication.

The Medical Unit Leader, Operations Section Chief, Safety Officer, and Incident Commander will be notified promptly by the Communications Unit. The Communications Unit will then notify the Liaison Officer and Public Information Officer of the IWI. The IC will ensure that all remaining command and general staff are notified.

All incident personnel will, through the communications unit, be instructed by the appropriate chain of command position (typically the OSC or Safety Officer) to clear the designated radio channel for "emergency traffic" related only to the emergency situation. If these individuals cannot be contacted, the highest qualified person on scene will broadcast "emergency radio traffic." If available, air attack will be over the incident to ensure clear communications are in effect and will be available as an airborne repeater if needed. In the event personnel are injured, when they have been loaded and being transported to the hospital or at an appropriate time, the appropriate chain of command position will announce, through the communications unit, that "emergency radio traffic" has been canceled.

Names of the injured or deceased individuals or other identifiers will not be transmitted over the radio.

To aid in an investigation, deceased individuals or their personal effects will not be moved except to accomplish rescue work or to protect the health and safety of others.

Those directly involved will provide written documentation of their actions. An ICS 214 may be utilized for the initial documentation, but a subsequent narrative will be required.

An After Action Review, or Lessons Learned Analysis will be conducted after each emergency incident within an incident to determine what went right, any needed improvements and to provide lessons learned.

You may also refer to the IRPG pg. 49

“LCES” RISK ANALYSIS OF TACTICAL OPERATIONS

Incident: Little Mack Lake

Date: 4/29/2012 Operational Period: 0700-1900

DIVISION / LOCATION

TACTICAL HAZARDS	A	Z							I C P	LCES MITIGATION
Heavy Equipment	X	X								Fire personnel working around Heavy Equipment, See IRPG p. 90 for protocols
Hazard Trees	X	X								Hazard Tree Safety – Note: Situational Awareness & Hazard Control per IRPG p. 20-21 – Sawyers must be qualified.
Fatigue	X	X							X	Ensure Work/Rest ratios are followed. Ensure rest when off duty.
Communications	X	X							X	Remain in communication with line resources, supervisors, and adjoining forces. Test communication between and within operations, support areas, and ICP.
Traffic Hazards	X	X							X	When working near roads – use emergency lights. Look both ways when exiting vehicles. See Road side safety IRPG – p. 24. Drive Defensively, Drive with Headlights on, wear seatbelts. Watchout for deer along roads. Road edges are soft. Be careful when pulling off roads. Roads are open to residents, hunters and fishermen.
Initial Attack Resources										* Initial Attack resources ensure LCES, anchor points and communications are established before engaging.

LCES must be established and known to ALL incident personnel BEFORE needed.

Date Prepared: 4/28/12

Prepared By: Al Harrison, Peter To

HEALTH AND SAFETY MESSAGE

SAFETY starts with *YOU*

We are ALL accountable for SAFE behaviors

INCIDENT: Little Mack Lake

DATE: 4/29/12

OPERATIONAL PERIOD: Day

Major Hazards and Risks:

- ✓ **DRIVING** – Drive defensively with lights on at all times. Wear seatbelt. Increase Weekend Traffic. Beware of Soft Road Shoulders.
- ✓ **Hazard Trees** – Hazard trees are difficult to recognize. Be especially alert to all trees that have had fire in their base or roots. Identify, flag, and fall (if qualified) all snags that may threaten fire line or firefighter safety. A firefighter will be assigned to watch out for snags. Use dozers to remove hazardous snags, if possible.
- ✓ **PPE** – Continue to wear all required personal protective equipment. Use goggles during mop up with water. High water pressure can spray up debris that may damage your eyes.

Fire Order of the Day – Retain control at all times

Narrative:

- ✓ **Crew Briefing** - It is absolutely essential that everyone on the fireline receives a thorough briefing. Supervisors ensure that the briefing includes the weather, fire behavior, safety message, communications plan, and the Special Instructions on the Division Assignment Form.
- ✓ **Personal Health** – Wash hands at all opportunities but especially before eating. Drink plenty of fluids, water is best. See Medical Unit at first sign of an illness and all injuries.
- ✓ **Medivac Procedures**- Review the Medical Plan – Know exactly how to proceed before the injury occurs. Know your location and where your closest ambulance access is.

Watch Out Situation of the Day



5. UNINFORMED ON STRATEGY, TACTICS AND HAZARDS

Working around Heavy Equipment

Rehab work has started and heavy equipment (dozers) will be involved.

When working around heavy equipment, stay at least 100 feet in front or 50 feet behind the equipment. In timber, distances should be increased to 2 ½ times the canopy height.

No one but the operator should ride on the equipment.

Never approach equipment until you have eye contact with operator, all implements have been lowered to the ground, and equipment is idled down.

Night work is more dangerous due to reduced visibility. Use headlamp and/or glove sticks so the operator can see you.

Equipment operators have difficulty seeing ground personnel; take responsibility for your safety and all those around you.

Incident Safety Officer: Al Harrison SOF2, Peter To SOF2 (T), 4/28/12

Al Harrison

Peter To 17

