

Incident Action Plan

Foss Lake Fire

Thursday, May 26, 2016

Financial Codes



Federal: P9J883 (0909)

MN State: Speedchart R29323132N

CC2 13125



INCIDENT OBJECTIVES (ICS 202)

1. Incident Name:	2. Operational Period: DAY	
FOSS LAKE FIRE	Date/Time From: 05/26/2016 0700 THU	Date/Time To: 05/26/2016 2000 THU
3. Objective(s):		
<p>1) Life first. The safety of firefighters, aviators, and the public is our primary concern and priority.</p> <p>2) Consider the safety of the public and ensure that all operations are conducted with the least firefighter exposure necessary to meet the incident objectives.</p> <p>3) The primary management objective is to protect remote residences on the west side of Burntside Lake that have a high probability of success and can be safely defended or proactively protected.</p> <p>4) Utilize natural barriers and management tactics appropriate for resource and wilderness character and values.</p> <p>5) Maintain communication with MIFC, EACC, the St. Louis County Sheriff's office, Fire Chief's from Morse and Eagles Nest, and the Police Chief from Ely as well as officials and other partners and cooperators within the impacted fire area.</p> <p>6) Provide initial attack for new starts within the TFR inside the wilderness.</p> <p>7) Accept additional extended attack fires as negotiated with the Agency Representative.</p> <p>8) Insure all costs are commensurate with personnel, public safety, and values to be protected and document cost containment actions.</p> <p>9) Foster an atmosphere free of discrimination, sexual harassment, and other forms of inappropriate behavior. All personnel on the incident will maintain the highest standard of professional ethics and conduct.</p>		
4. Operational Period Command Emphasis:		
Continue patrolling and monitoring fire lines. Remove non-essential equipment. Maintain escape routes and safety zones. Be aware of your golden hour exit plan.		
General Situational Awareness:		
Rough terrain. Watch for slippery conditions with continued showers in the forecast.		
5. Site Safety Plan Required? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Approved Site Safety Plan(s) Located at:		
6. Incident Action Plan (the items checked below are included in this Incident Action Plan):		
<input checked="" type="checkbox"/> ICS 202 <input checked="" type="checkbox"/> ICS 203 <input checked="" type="checkbox"/> ICS 204 <input checked="" type="checkbox"/> ICS 205 <input type="checkbox"/> ICS 205A <input checked="" type="checkbox"/> ICS 206	<input type="checkbox"/> ICS 207 <input type="checkbox"/> ICS 208 <input checked="" type="checkbox"/> ICS 220 <input checked="" type="checkbox"/> Map/Chart <input checked="" type="checkbox"/> Weather Forecast/Tides/Currents	Other Attachments: <input checked="" type="checkbox"/> PHONE LIST <input checked="" type="checkbox"/> SAFETY MESSAGE 215A <input checked="" type="checkbox"/> MAP <input checked="" type="checkbox"/> UNIT LOG ICS 214
7. Prepared by: BRAD WITKIN	Position/Title: RESOURCE UNIT LEADER	Signature: 
8. Approved by Incident Commander:	Name: BRIAN PISAREK	Signature: 
ICS 202	IAP Page	Date/Time:



INCIDENT Weather Forecast



FORECAST NO: 5
PREDICTION FOR: Thursday Day Shift

NAME OF FIRE: Foss Lake Wildfire
UNIT: Superior National Forest

SHIFT DATE: 26 May 2016

SIGNED: Shawn Jacobs (Incident Meteorologist)

TIME AND DATE FORECAST ISSUED: 1800 25 May 2016

WEATHER DISCUSSION: The unsettled pattern continues into the coming holiday weekend...however chances of a wetting rain are low. Temperatures will be tempered by periods of clouds...which will keep minimum relative humidity largely above 40% today and through the weekend. Southeast winds will become breezy in the afternoon...but in sheltered forest...winds will be influenced by the obstructions and be variable.

Today (Thursday 26 May 2016):

WEATHER: Overcast...40% chance of showers and thunderstorms before 1500...a few breaks in the clouds in the late afternoon.

MAX TEMPERATURES: 71-74°
MIN HUMIDITY: 43-48%

24 Hour Trend: Up 1-2°
24 Hour Trend: Similar

20 FT WINDS: Southeast 5-8 with gusts to 16 mph in the afternoon.

Wave forecast: Light chop...becoming moderate chop in the afternoon.

HAINES INDEX: 4

CWR: 10%

LAL: 2

Precipitation: less than 0.10"

STABILITY/INVERSION: Weak inversion slowly lifting through the day

Tonight (Thursday Night 26 May 2016):

WEATHER: Becoming mostly cloudy...a 20% chance of shower. Patchy fog possible near dawn.

MIN TEMPERATURES: 46-49°

HUMIDITY: Overnight recovery (>90%)

20 FT WINDS: Light and variable after 2100

HAINES INDEX: 4

CWR: 0%

LAL: 1

Precipitation: Trace – 0.03"

STABILITY/INVERSION: Inversion develops at 2100

Tomorrow (Friday 27 May 2016):

WEATHER: Mostly cloudy...40% chance of showers and thunderstorms in the afternoon. Then a 60% chance in the evening.

MAX TEMPERATURES: 69-74°

MIN TEMPERATURES (Saturday 28 May 2016): 50°

MIN HUMIDITY: 45-50%

MAX HUMIDITY (Saturday 28 May 2016): >90%

20 FT WINDS: East southeast 6-9 with gusts to 12 mph.

HAINES INDEX: 4


CWR: 20% Evening

LAL: 2

Extended Forecast: Saturday – Sunday: Mostly cloudy...40% chance of showers and thunderstorms highs 69-75°, lows 49-53°...variable winds, but remaining less than 12 mph...relative humidity > 40%.

The warmest temperature ever recorded in Minnesota was 114F in Moorhead (1936). The coldest temperature was -60F in Tower, Minnesota the same year (1936).

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 06	TYPE OF FIRE: Wildfire
FIRE NAME: Foss Lake Fire	OPERATIONAL PERIOD: Day Shift 5/26/2016
DATE ISSUED: 5/25/2016	TIME ISSUED: 2000
UNIT: Superior National Forest	SIGNED: Bruce Giersdorf, FBAN 

WEATHER SUMMARY:

Light rainfall will continue to hold any potential for active fire at bay.

See attached weather forecast.....

Fire Behavior:

GENERAL:

Fuel moistures in the surface litter and fine fuels has become fire resistant with the recent rainfall.

Fire activity will be minimal.

Hundred hour and thousand hour fuels are still very dry and will burn readily. They will also hold on to any existing fire and require mop up.

Any new starts will have low intensity and be easy to contain.

ROS – Surface fire spread in timber = 1 to 2 ch/hr

FL -- 1 to 3 ft.

PIG – < 50%


Spotting potential is very low.....

Fire danger has moderated due to the recent change in the weather pattern but is not over. With current fuel moistures and moderate drought conditions, a season ending event would be described as an inch of rainfall over a two day period followed by another inch within five days.

AIR OPERATIONS: Gusty winds are back in the afternoon.....

SAFETY: Watch your footing. Slow and steady is the ticket.....

ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name:		2. Operational Period: DAY	
FOSS LAKE FIRE		Date/Time From: 05/26/2016 0700	Date/Time To: 05/26/2016 2000
		THU	THU
3. Incident Commander(s) and Command Staff:		FOOD UNIT	
IC/UC	BRIAN PISAREK RUSS LANGFORD (T)	7. Operations Section:	
DEPUTY		DAY OPS SECTION CHIEF	BRIAN JENKINS
SAFETY OFFICER	RON GUCK DOUG MIEDTKE	NIGHT OPS SECTION CHIEF	
INFORMATION OFFICER	JEAN GOAD REBECCA MANLOVE	PLANNING OPS	GREG VOLLHABER
LIAISON OFFICER	JOHN EHRET	OPS SECTION CHIEF	TOM FASTELAND (T)
		DEPUTY OPS SECTION CHIEF	
4. Agency/Organization Representative(s):		STAGING AREA	
Agency/Organization	Name		
SUPERIOR NATIONAL FOREST, LACROIX DISTRICT	ANDREW JOHNSON, LACROIX DISTRICT	DIVISION/GROUP A	DAN PAULSON ADAM COOK (T)
	DOUGLAS SMITH, KAWISHIWI DISTRICT	DIVISION/GROUP B/Y	TOM LYNCH DAN OBERG (T)
		DIVISION/GROUP Z	RICHARD WITZKE
5. Planning Section:		7b. Air Operations Branch:	
CHIEF	JON DRIMEL	AIR OPS BRANCH DIRECTOR	
DEPUTY		AIR ATTACK SUPERVISOR	
RESOURCES UNIT	BRAD WITKIN	AIR SUPPORT SUPERVISOR	
SITUATION UNIT	JON HANDRICK NICOLE SELMER (T)	STRUCTURE PROTECTION GROUP	
DOCUMENTATION UNIT		HELICOPTER COORDINATOR	
DEMOBILIZATION UNIT	BRAD WITKIN	AIR TANKER COORDINATOR	
FIRE BEHAVIOR ANALYST	BRUCE GIERSDORF	AIR OPS BRANCH DIRECTOR	JANE LOPEZ, DUSTIN NELSON (T)
HUMAN RESOURCE SPECIALIST		8. Finance/Administration Section:	
TRAINING SPECIALIST		CHIEF	LARRY HIMANGA
GIS SPECIALIST	KATHERINE ROSSMAN (T) STEPHEN HAFVENSTEIN (T)	DEPUTY	NANCY CALDER (T)
COMPUTER SPECIALIST	SHELLY CARROLL JOE JOHNSON (T)	TIME UNIT	DONNA EDELMAN (T)
INCIDENT METEOROLOGIST	SHAWN JACOBS	PROCUREMENT UNIT	
6. Logistics Section:		COMPENSATION UNIT	
CHIEF	BILL LAUER ADAM FISHER (T)	COST UNIT	JOHN KELLY
DEPUTY			
SUPPLY UNIT	DENNIS CAMERON		
FACILITIES UNIT	ROBERT NELSON		
GROUND SUPPORT UNIT	KEVIN CARLISLE		
COMMUNICATIONS UNIT	DANA CARLSON		
MEDICAL UNIT	JOHN BAJDA		
SECURITY UNIT	CHRIS JOHNSON		
9. Prepared By:	Name: BRAD WITKIN	Position/Title: RESOURCE UNIT LEADER	Signature:
ICS 203	IAP Page	Date/Time: 05/25/2016 1330	

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:			3.			
FOSS LAKE FIRE			Branch:		Division/Group: A	
2. Operational Period: DAY						
Date/Time From: 05/26/2016 0700 THU		Date/Time To: 05/26/2016 2000 THU				
4. Operations Personnel						
OPERATIONS CHIEF		BRIAN JENKINS; TOM FASTELAND (T) GREG VOLLHABER		BRANCH DIRECTOR		
DIVISION/GROUP SUPERVISOR		DAN PAULSON ADAM COOK (T)		AIR ATTACK SUPERVISOR		
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
C15- T1 - RUBY MOUNTAIN IHC		06/05	TROY THOMAS 775-934-0843	20	H-1/0800	ICP/1800
O-25 EMTF		06/04	JOHANNA HYDE 218-343-7491	1	H-1/0800	ICP/1800
O-46 BTOP		06/04	STEVE SCHULTZ 218-290-9208	1	H-1/0800	ICP/1800
6. Control Operations/Work Assignments:						
Grid and mop 100' interior.						
Fell trees holding fire or posing a danger to line personnel up to 1 1/2 tree lengths from the line.						
Continue rehab per guidelines.						
7. Special Instructions:						
When receiving sling-loads, back haul empty cubies, fuel cans and trash.						
Pick up all trash on the line and pull all flagging.						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
TACTICAL	KING 3	168.6000	136.5	168.6000	136.5	N
AIR TO GROUND	KING 9	166.6750	136.5	166.6750	136.5	N
COMMAND RPTR	KING 12	166.6125	136.5	168.4000	136.5	N
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
BRAD WITKIN			JON DRIMEL		05/25/2016	1330

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:				3.			
FOSS LAKE FIRE				Branch:		Division/Group:	
2. Operational Period: DAY				B / Y			
Date/Time From: 05/26/2016 0700 THU		Date/Time To: 05/26/2016 2000 THU					
4. Operations Personnel							
OPERATIONS CHIEF		BRIAN JENKINS; TOM FASTELAND (T) GREG VOLLHABER		BRANCH DIRECTOR			
DIVISION/GROUP SUPERVISOR		TOM LYNCH DAN OBERG (T)		AIR ATTACK SUPERVISOR			
5. Resources Assigned this Period							
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
CREW - T1 - LOGAN IHC		06/05	ROY FETZER 435-770-4303	21	SPIKE CAMP CRAB LAKE/0800	SPIKE CAMP CRAB LAKE/2000	
CREW - T1 - WYOMING IHC		06/04	MATT PRENTISS 970-237- 0745	20	SPIKE CAMP CRAB LAKE/0800	SPIKE CAMP CRAB LAKE/2000	
READ			MACHO / BLODGETT	2	SPIKE CAMP CRAB LAKE/0800	SPIKE CAMP CRAB LAKE/2000	
6. Control Operations/Work Assignments:							
Grid and mop 100' interior.							
Fell trees holding fire or posing a danger to line personnel up to 1 1/2 tree lengths from the line.							
Continue rehab per guidelines.							
7. Special Instructions:							
Spiked resources: In case of after hours emergency, contact Foss Lake communications via radio.							
Saw operations should cease by 2000 due to inoperability of aircraft past 2100.							
When receiving sling loads, back haul empty cubies, fuel cans, and trash.							
Pick up all trash on the line and pull all flagging.							
8. Division/Group Communication Summary							
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode	
TACTICAL	KING 5	166.7750	136.5	166.7750	136.5	N	
AIR TO GROUND	KING 9	166.6750	136.5	166.6750	136.5	N	
COMMAND	12	166.6125	136.5	168.4000	136.5		
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)			Date	Time
BRAD WITKIN			JON DRIMEL			05/25/2016	1330

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:			3.			
FOSS LAKE FIRE			Branch:		Division/Group: Z	
2. Operational Period: DAY						
Date/Time From: 05/26/2016 0700 THU		Date/Time To: 05/26/2016 2000 THU				
4. Operations Personnel						
OPERATIONS CHIEF		BRIAN JENKINS; TOM FASTELAND (T) GREG VOLLHABER		BRANCH DIRECTOR		
DIVISION/GROUP SUPERVISOR		RICHARD WITZKE 231-920-7513		AIR ATTACK SUPERVISOR		
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
CREW - T1 - CRAIG IHC		06/04	SHAWN CAREY 970-879-4073	20	DP1/0800	ICP/1800
6. Control Operations/Work Assignments:						
Grid and mop 100' interior.						
Fell trees holding fire or posing a danger to line personnel up to 1 1/2 tree lengths from the line.						
Continue rehab per guidelines.						
7. Special Instructions:						
When receiving sling loads, back haul empty cubies, fuel cans, and trash.						
Pick up all trash on the line and pull all flagging.						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
TACTICAL	4	166.7250	136.5	166.7250	136.5	
AIR TO GROUND	9	166.6750	136.5	166.6750	136.5	
COMMAND	12	166.6125	136.5	168.4000	136.5	
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
BRAD WITKIN			JON DRIMEL		05/25/2016	1330

AIR OPERATIONS SUMMARY

PREPARED BY: Dustin Nelson ASGS (T)

PREPARED DATE/TIME: 5/25/2016 19:00

1. INCIDENT NAME: Foss Lake Fire	2. OPERATIONAL PERIOD DATE: 5/26/2016 START 0800 STOP 2000	3. Ely Sunrise: 0517 Ely Sunset: 2053
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4. REMARKS Helicopter requests to be ordered by DIVS, through Ely Helibase on Command Repeater, or through Air Attack if over Incident. Logistical supply requests go to IC/P Communications ELY Helibase aircraft flight ready by 09:00 Other statewide aircraft are available for use through Air Desk. ELY Tanker Base Phone 218-365-4831	5. TFR: Radius: <u>5</u> NM Altitude: <u>5000</u> MSL TFR Frequency 118.550 Center Point: Lat: 47 55.46' Long: 92 05.19'
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6. PERSONNEL	Phone	7. FREQUENCIES	AM	FM	8. FIXED-WING	# Avail / Type / Make-Model / FAA N# / Base(s)
ASGS: Jane Lopez	970-217-4101	Secondary AIR/AIR :			Airtankers	Order by ATGS through MIFC Air Desk
ASGS (T): Dustin Nelson	218-969-9217	Primary Air to Ground: RX & TX Same	118.550	166.6750 tone 136.5	Leadplanes	As needed
ATGS:		Secondary Air to Ground: RX & TX Same		169.1500 tone 136.5		
Helibase:		Command 4 Rptr Tone 136.5 Rx & Tx		166.6125Rx 168.4000 Tx	ATGS Aircraft	Order through ASGS to MIFC Air Desk
HEBM:		RAMP/DECK:		163.100		
		TOLC:			Other	

9. HELICOPTERS (Use Additional Sheets As Necessary)

FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS	FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS
7MC	III	Bell 407	ELO	0800		Assigned							

10. TASK/MISSION/ASSIGNMENT (Use ICS-220a if additional space needed; Type/Function includes: Air Tactical, Retardant, Recon, Personnel Transport, Water Dropping, etc.)

TYPE/FUNCTION	NAME OF PERSONNEL OR CARGO (if applic) OR INSTRUCTIONS FOR TACTICAL AIRCRAFT	MISSION START	FLY FROM	FLY TO	REMARKS
Recon		As requested			
Cargo		As requested			
IR Flight		08:00	ELO		ELI

[Signature] 5/25/16 19:00

INCIDENT RADIO COMMUNICATIONS PLAN		1. Incident Name Foss Lake Fire		2. Date Time Prepared 5/25/2016 1850		3. Operational Period Date/Time 5/26/2016 0700 - 2000		
Radio Type	CH #	Function	Frequency	Tone/NAC	Mode	TGID	Assignment	Remarks
King	1		RX: TX:		N		unassigned	
King	2		RX: TX:		N		unassigned	
King	3	Tac 3	TX: 168.6000 TX: 168.6000	136.5 136.5	N		Div A	
King	4	Tac 4	RX: 166.7250 TX: 166.7250	136.5 136.5	N		Div Z	
King	5	Tac 5	RX: 166.7750 TX: 166.7750	136.5 136.5	N		Div Y/B	
King	6		RX: TX:		N		unassigned	
King	7	NOAA	RX: 162.5000 TX:		W		Ely weather radio	
King	8	SUF A/G 1	RX: 168.1250 TX: 168.1250		N		unassigned	local Initial Attack Air/Ground
King	9	A/G 1	RX: 166.6750 TX: 166.6750	136.5 136.5	N		Primary Air to Ground	All divisions
King	10	A/G 2	RX: 169.1500 TX: 169.1500	136.5 136.5	N		Secondary Air to Ground	All divisions
King	11		RX: TX:		N		unassigned	
King	12	Command 4 Repeater	RX: 166.6125 TX: 168.4000	136.5 136.5	N		Command repeater - fire area	Linked to S-1 repeater
King	13	S-1 Repeater	RX: 171.4750 TX: 172.3750		N		Command repeater- ICP area	Linked to Cmd 4 repeater
King	14	SUF Simplex	RX: 170.5250 TX: 170.5250		N		unassigned	
King	15	SUF Fernberg Repeater	RX: 170.5250 TX: 164.1375	100.0	N		backup command	Local agency repeater
King	16	Air Guard	RX: 168.6250 TX: 168.6250	110.9	N		Emergency contact with aircraft	
5. Prepared by (Communications Unit) <i>Dana Carlson COMIL</i>								

4. Basic Radio Channel Utilization
Mode: W= Wideband, N= Narrowband, D= Digital, M= Mixed

Note: This is not a standard NWCG ICS205 Form

Foss Lake Fire Phone List

Cell

Incident Commander		Brian Pisarek	218-838-0102	
Incident Commander		Russ Langford (t)	763-244-9844	
Safety Officer		Ron Guck	218-290-5238	
		Doug Miedtke	218-910-5222	
Information Officer		Jean Goad	218-259-0929	218-365-2216
		Becca Manlove	218-235-1984	
Liasion Officer		John Ehret	651-248-5249	
Plans Chief		Jon Drimel	218-308-3162	
Resource Unit Leader		Brad Witkin	218-820-6122	
Situation Unit Leader		Jon Handrick	218-324-1450	
Status Check-In		Linda Merriman (t)	218-343-0358	
Fire Behavior		Bruce Giersdorf	218-259-3014	
ITSS		Shelly Carroll	218-290-9056	
		Joe Johnson (t)	636-234-7760	
GISS		Katie Rossman (t)	218-368-4239	
IMET		Shawn Jacobs	308-539-0615	
Logistics Chief		William Lauer	218-244-9763	
		Adam Fisher (t)	218-290-3062	
Ordering Manager		Tom Piper	727-514-5513	218-365-3120
		Michelle Hansen (t)	651-336-1010	218-365-3742 fax
Facilities Unit Leader		Robert Nelson	763-291-5441	
Ground Support Unit		Kevin Carlisle	218-244-9912	
Supply Unit Leader		Dennis Cameron	218-242-9195	
Communications Unit		Dana Carlson	218-434-0716	218-365-4357
Medical Unit		John Bajda	218-340-0169	
Finance Section Chief		Larry Himanga	651-724-7242	
Deputy Finance		Nancy Calder (t)	218-242-3778	
Time Unit		Donna Edelman (t)	218-255-2733	
Cost Unit		John Kelly	507-202-5409	
Operations Section Chief		Brian Jenkins	218-244-1764	
		Greg Vollhaber	218-368-9700	
		Tom Fasteland (t)	218-259-4904	
Air Ops Branch Director		Jane Lopez	970-217-4101	
		Dustin Nelson (t)	218-969-9217	
Division Supervisor	A	Dan Paulson	515-423-4303	
	B/Y	Tom Lynch	218-370-8765	
	B/Y	Dan Oberg (t)	763-232-1103	
	A	Adam Cook (t)	218-507-0740	
	Z	Richard Witzke	231-920-7513	

MEDICAL PLAN	1. Incident Name Foss Lake Fire	2. Date Prepared 05/25/2016	3. Time Prepared 18:30	4. Operational Period 5/26/16 - 0700-2200
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5. Incident Medical Aid Station

Medical Aid Stations	Location	Paramedics Yes No
MEDICAL UNIT	ICP 218-340-0169	X
EMT Hyde	Div. A 218-343-7491 (cell phone contact)	X

6. Transportation

A. Ambulance Services

Name	Address	Phone	Paramedics Yes No
Ely Area Ambulance	328 Conan St W Ely, MN	911 218-750-7800	X
Life Link III Helicopter	Hibbing	911 1-800-328-1377	X

B. Incident Ambulances

Name	Location	Paramedics Yes No
(none)		

7. Hospitals

Name	Address	Travel Time		Phone	Helipad		Burn Center	
		Air	Ground		Yes	No	Yes	No
Ely Bloomenson Community Hosp.	328 Conan St W Ely, MN 55731	5 min	10 min	218-365-3271	X			X
Virginia Regional Medical Center	901 N9th Ave Virginia, Mn	30 min	1 hr	218-741-3340	X			X
St. Luke's Hospital Regional Trauma Center	915 East 1 st St Duluth, Mn	45 min	2 hr	218-726-5555	X			X
St. Mary's Medical Center	497 East 3 rd St Duluth, Mn	45 min	2 hr	218-726-4000	X			X
Regions Hospital Burn Center	640 Jackson St St. Paul, Mn	2 hr	6 hr	(800) 221-2810	X		X	
HCMC Burn Center	701 Park Ave., Minneapolis, Mn	2 hr	6 hr	(612) 873-2915	X		X	

8. Emergency Procedures

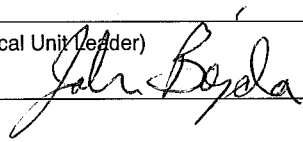
In the event of a medical emergency, the first person on scene should contact their immediate supervisor. Supervisor or designated Point of Contact provides the following information to the Communications Unit:

- o Declare the nature of the emergency (medical illness or injury) and if it is life threatening,
DO NOT TRANSMIT NAME OF PATIENT
- o If life threatening, request Command frequency to be cleared for emergency traffic only;
- o Identify the on-scene Point of Contact (POC) by Resource and Last name (i.e. POC is FLD Smith);
- o Identify nature of incident – Number injured, patient assessments, and location (geographic and GPS coordinates)
- o Identify on-scene medical personnel by position and name (i.e. EMT Jones),
MOST MEDICALLY QUALIFIED PERSON TAKES CHARGE OF MEDICAL CARE.
- o Identify preferred method of transport (see Medical Incident Report on next page)
- o Request additional resources and/or equipment as needed;
- o Identify any changes in POC or on-scene medical personnel as they occur.
- o COM needs to document all transmissions sent and received.

Review IRPG 9 Line Medical procedures with your crews at beginning of each shift.

9. Prepared by (Medical Unit Leader)

John Bajda, MEDL



10. Reviewed by (Safety Officer)

Doug Miedke, SOF2



Medical Incident Report

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) Ex: N 40° 42.45' x W 123° 03.24'			

4. SEVERITY OF EMERGENCY, TRANSPORT PRIORITY

SEVERITY	TRANSPORT PRIORITY
<input type="checkbox"/> URGENT-RED Life threatening injury or illness. <i>Ex: Unconscious, difficulty breathing, bleeding severely, 2° - 3° burns more than 4 palm sizes, heat stroke, disoriented.</i>	Ambulance or MEDEVAC helicopter. Evacuation need is IMMEDIATE.
<input type="checkbox"/> PRIORITY-YELLOW Serious Injury or illness. <i>Ex: Significant trauma, not able to walk, 2° - 3° burns not more than 1-2 palm sizes.</i>	Ambulance or consider air transport if at remote location. Evacuation may be DELAYED.
<input type="checkbox"/> ROUTINE-GREEN Not a life threatening injury or illness. <i>Ex: Sprains, strains, minor heat-related illness.</i>	Non-Emergency. Evacuation considered Routine of Convenience.

5. TRANSPORT PLAN:

Air Transport: (Agency Aircraft Preferred)

<input type="checkbox"/> Helispot	<input type="checkbox"/> Short-haul/Holst	<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)		

7. COMMUNICATIONS:

Function	Channel Name/Number	Receive (Rx)	Tone/NAC *	Transmit (Tx)	Tone/NAC *
Ex: Command	Forest Rpt, Ch. 2	168.3250	110.9	171.4325	110.9
COMMAND					
AIR-TO-GRND					
TACTICAL					

*(NAC for digital radio system)

8. EVACUATION LOCATION:

Lat/Long (Datum WGS84) EX: N 40 42.45' x W 123 03.24'	
Patient's ETA to Evacuation Location:	
Helispot/Extraction Size and Hazards:	

9. CONTINGENCY:

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05/26/2016
TENTATIVE RELEASE
FOSS LAKE FIRE US-MN-SUF-000250

CREWS

C-6	0700	(HC2I) CREW - T2IA - BEARTOWN #3
C-7	0700	(HC2I) CREW - T2IA - BAY MILLS #1
C-4	1800	(HC1) CREW - T1 - CRAIG IHC
C-15	1800	(HC1) CREW - T1 - RUBY MOUNTAIN IHC

EQUIPMENT

E-2	0700	(BUS) BUS - CREW CARRIER #2 -
E-3	0700	(BUS) BUS - CREW CARRIER -
E-4	0700	(TKUT) PICKUP - BEARTOWN #2
E-5	0700	(PU) PICKUP - BAY MILLS - CHASE
E-14	1800	(UTV) UTV POLARIS 900
E-15	1800	(TRLR) TRAILER-UTV CRAIG IHC

OVERHEAD

O-73	1800	(BCMG) HALVERSON, LYNNE ANN
O-25	1800	(EMTF) HYDE, JOHNNA DEE
O-71	1900	(PTRC) YAKICH, LONA A

05/27/2016

TENTATIVE RELEASE

"Go thru Demob process."

You may have work after your scheduled time.

Explain your situation to finance at your scheduled time

FOSS LAKE FIRE US-MN-SUF-000250

CREWS

C-12	1100	(CC) CCM ROCHESTER PINES
C-13	1100	(CC) CCM TOFTE
C-16	1400	(HC1) CREW - T1 - LOGAN IHC

OVERHEAD

O-48	0800	(SEC1) BERMEL, ANTHONY RICHARD
O-16	0800	(EQPM) LARSON, CHARLES R
O-21	0815	(RCDM) ZABKA, RONALD
O-34	0830	(ABRO) CROMBIE, GARY J
O-67	0830	(PTRC) MERRIMAN, LINDA ANNE
O-41	0845	(FFT2) BLODGETT, THOMPSON HENRY
O-40	0845	(FFT2) MACHO, MELISSA JEAN
O-69	0900	(DIVS) COOK, ADAM CLAY
O-22	0900	(ORDM) PIPER, THOMAS RALPH
O-15	0915	(RADO) ABERNATHY, JOHN MICHAEL
O-11	0930	(IMET) JACOBS, SHAWN MICHAEL
O-18	0945	(SECM) JOHNSON, CHRIS M
O-33	0945	(DRIV) MILLER, DUSTIN R
O-19	1000	(SPUL) CAMERON, DENNIS W
O-14	1000	(RADO) LARSON, JUANITA I
O-29	1030	(PTRC) FARLEY, CATHERINE MARIE
O-46	1030	(BTOP) SCHULTZ, STEVEN
O-20	1045	(TIME) EDELMAN, DONNA MAE
O-13	1045	(EQPM) SKRABA, JEROME A

Incident: Foss Lake Fire	Date: Thursday May 26, 2016	Shift: 0700-2000
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SAFETY MESSAGE

With the strong possibility of more precipitation across the area please exercise good judgment when:

- Driving on wet or muddy roads. Keep your speed down and your braking distance up, and always watch out for the other guy (Drive Defensively).
- Walking the fire-line, trails, and portages; especially if you are transporting equipment for back-haul. Mud and wet rocks will make for treacherous travel so watch your step. Don't overload yourself with gear.
- Traveling by canoe. Shoreline rocks and logs are extremely slick so be careful when embarking and disembarking. And always wear a life jacket when on the water.

Despite the weather change, dehydration can still be a problem when you are working hard. Stay hydrated by drinking 6 to 8 quarts of fluid/shift and a water/electrolyte ration of 3:1.

With this incident winding down, complacency and boredom can set in. **Do not drop your guard.** There are still plenty of hazards that can reach out and touch you. And watch for snags. They aren't called "widow makers" for nothing.

Safety Officers		Time	Date
Ron Guck, Doug Miedtke		7:00 PM	5/25/2016











215A Incident Safety Analysis for the Foss Lake Fire - Wednesday, May 25, 2016

8. Location	9. Hazard	6. Control or Abatement Action
B, Y	Water travel	~ Complete Water Safety Training before using boats and canoes ~ Only carded boat operators for motorized watercraft ~ Always wear PFDs ~ Use caution when embarking/disembarking over wet rocks and logs. ~ During high winds or waves, remain on land or if necessary travel near shore ~ Approach waves head-on or at a slight angle to avoid capsizing. ~ If you capsize, stay with the watercraft.
All	Driving & Traffic	~ Practice "Defensive Driving" techniques traveling on all roads and city streets. ~ Watch backing, use a spotter when available. ~ Follow Driving LCES (Lights, Chock blocks, Emergency brake, Seat belts). ~ Yield to pedestrians and bicycles. ~ Observe posted speed limits. ~ Use the 3 second rule for following distance when driving. ~ Avoid distractions (eating, cell phones, radio). ~ Ensure that windshields are kept clean of dust and bugs.
A, B, Y, Z	Rough, Difficult Terrain	~ Identify/construct, flag and time escape routes and safety zones. ~ Identify safe routes and maintain 10 ft. spacing. ~ Wear proper fire boots in good condition to avoid slips and falls ~ Travel slowly and watch your step. ~ Be aware; Hard Vibram soles will easlily slip on wet, mossy rocks.
A,B,Y,Z	Snags, Blowdown timber	~ Watch out for burned-out, shallow rooted trees. ~ Stay alert for strong winds, bug-kill, rot or shallow-rooted trees, air operations turbulence ~ Scout, identify and flag hazards, drop dangerous trees near the line ~ Do go/no go assessment prior to falling
All	Bees, Ticks, Mosquitoes	~ Canvas crew members for those with known allergic reactions to stings. ~ Ensure crew members have medication pens if needed. ~ Perform daily self inspection for ticks. ~ Use repellent as necessary. ~ Don't be afraid to ask for medical assistance for embedded ticks.
A, B, Y, Z	Severe Weather	~ Review and follow Thunderstorm Safety guidelines in IRPG page 21. ~ Observe 30/30 Rule for lightning safety.....page 21, IRPG. ~ If you are on the water and see lightning, forget the 30-30 rule-get off the water right away, take shelter in a low spot and crouch on top of your lifejacket. ~ Carry rain gear and extra food and water if weather limits return to camp or ICP. ~ Pitch tents away from large, tall trees and tree roots if possible. ~ While inside your tent, crouch on top of your sleeping pad until lightning passes.
A,B,Y,Z	Chain Saw Operations	~ Follow "Hazard Tree Safety" guidelines, IRPG page 22 ~ Look up, Look down, Look around for hazard tree indicators. ~ Only fell and buck trees within your expertise and training. ~ Follow "Procedural Felling Operations" on page 79 in IRPG. ~ Do not fall trees during high wind events. ~ Ensure proper use of all required PPE.
All	Helicopter and Airtanker Operations	~ Ensure clear air-ground communications ~ Stay clear of flight zones and drop areas. ~ Watch out for rotor wash or air tanker turbulence ~ Keep heads up for snags and hazard trees.
All	Fatigue & Over Exertion	~ Drink 1 quart of water each hour during and after work. ~ Set a reasonable work pace and allow adequate rest breaks ~ Use buddy system to monitor personnel for heat related and fatigue issues. ~ Follow work / rest guidelines.
All	Heat Related Illness (HRI)& Dehydration	~ Drink Fluids throughout operational period (6-8 qts/shift). ~ Maintain water/electrolyte ratio of 3 to 1. ~ Carry extra water on line and cache water at drop points. ~ Take Frequent breaks, minimum of 10 minutes every hour. ~ Recognize symptoms of HEAT RELATED ILLNESS.



Foss Lake
MN-SUF-000250
UTM NAD83 Zone 15 N
May 26, 2016

Legend

-  Division Break
-  Drop Point
-  Helispot
-  Hot Spot
-  Sling Site
-  Completed Line
-  Campsite
-  Roads
-  Trails
-  BWCA Boundary based on the 1978 legislation

Type	Label	Longitude	Latitude
Helispot	H-1	92° 3.584'W	47° 53.513'N
Helispot	H-2	92° 4.774'W	47° 54.574'N
Helispot	H-3	92° 4.076'W	47° 55.594'N
Sling Site	SS 1	92° 3.782'W	47° 56.847'N
Sling Site	SS 2	92° 4.33'W	47° 55.51'N
Sling Site	SS 4	92° 4.875'W	47° 55.763'N
Sling Site	SS 5	92° 5.035'W	47° 55.488'N
Drop Point	DP-1	92° 4.761'W	47° 53.588'N
Drop Point	DP-10	91° 58.469'W	47° 55.214'N
Repeater	C4	92° 1.649'W	47° 53.435'N
Hot Spot	Hot Spot	92° 4.931'W	47° 55.239'N
Hot Spot	Hot Spot	92° 4.74'W	47° 55.805'N
Hot Spot	Hot Spot	92° 3.908'W	47° 55.303'N

