

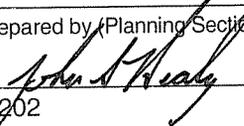
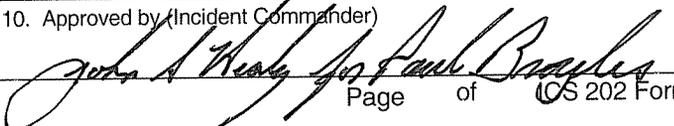
HAM LAKE INCIDENT
INCIDENT ACTION PLAN



MAY 18, 2007

DAY OPERATIONAL PERIOD
BROYLES GREAT BASIN
INCIDENT MANAGEMENT TEAM

NAD 83
LAT/LONG DEGREES DECIMAL MINUTES

Incident Objectives	1. Incident Name HAM LAKE	2. Date Prepared 05/17/07	3. Time Prepared 1432															
4. Operational Period 05/18/07 Friday DAY Shift 0630 - 2000																		
5. General Control Objectives for the incident (include alternatives) <ol style="list-style-type: none"> 1. Ensure the safety of the public and assigned personnel through use of the Incident Safety Analysis (ICS 215A) process and by continually applying the Risk Management Process (IRPG page 1). Ensure appropriate fatigue management. 2. The primary objective is to protect structures, rehabilitate hand and dozer line, and backhaul equipment no longer needed for fire suppression. 3. Minimize impacts on wilderness and historical resources by incorporating wilderness management objectives and appropriate resource concerns. 4. Keep the public and cooperators well informed with daily updates, press releases, display boards and informational meetings. 5. Implement cost effective strategies within the limits determined by the WFSA. 6. Coordinate management actions and administrative reporting with the Ontario Type 1 Incident Management Team (Thunderbird #37). 7. Provide for the safe demobilization of excess resources and transfer of command with incoming incident management personnel by providing appropriate communications and coordination. 																		
6. Weather Forecast for Period Refer to the Fire Weather Forecast.																		
7. General Safety Message Refer to the Safety Message.																		
8. Attachments (mark if attached) <table border="0"> <tr> <td><input checked="" type="checkbox"/> Organization List - ICS 203</td> <td><input checked="" type="checkbox"/> Incident Map</td> <td><input checked="" type="checkbox"/> Motorized Use Tracking</td> </tr> <tr> <td><input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204</td> <td><input checked="" type="checkbox"/> Safety Message</td> <td><input type="checkbox"/> Team Welcome Letter</td> </tr> <tr> <td><input checked="" type="checkbox"/> Communications Plan - ICS205</td> <td><input checked="" type="checkbox"/> Traffic Plan</td> <td><input type="checkbox"/> Incident Replacement</td> </tr> <tr> <td><input checked="" type="checkbox"/> Medical Plan - ICS 206</td> <td><input checked="" type="checkbox"/> Fire Behavior</td> <td><input checked="" type="checkbox"/> Aviation Emergency Evacuation</td> </tr> <tr> <td><input checked="" type="checkbox"/> Air Operations Summary - ICS 220</td> <td><input checked="" type="checkbox"/> Human Resource Message</td> <td><input checked="" type="checkbox"/> Demob List</td> </tr> </table>				<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Incident Map	<input checked="" type="checkbox"/> Motorized Use Tracking	<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Safety Message	<input type="checkbox"/> Team Welcome Letter	<input checked="" type="checkbox"/> Communications Plan - ICS205	<input checked="" type="checkbox"/> Traffic Plan	<input type="checkbox"/> Incident Replacement	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> Fire Behavior	<input checked="" type="checkbox"/> Aviation Emergency Evacuation	<input checked="" type="checkbox"/> Air Operations Summary - ICS 220	<input checked="" type="checkbox"/> Human Resource Message	<input checked="" type="checkbox"/> Demob List
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<input checked="" type="checkbox"/> Air Operations Summary - ICS 220	<input checked="" type="checkbox"/> Human Resource Message	<input checked="" type="checkbox"/> Demob List																
9. Prepared by (Planning Section Chief) 	10. Approved by (Incident Commander) 																	

ORGANIZATION ASSIGNMENT LIST		9. Operations Section	
1. Incident Name HAM LAKE		Operations Section Chief	DAN BUCKLEY; STEVE RADDATZ
2. Date Prepared 05/17/07		Operations Section Chief	ROD COLLINS; DAN DALLAS(T)
3. Time Prepared 1432		a. Branch I - Division/Groups	
4. Operational Period 05/18/07 Friday DAY Shift 0630 - 2000		Division/Group A / X / Y / Z	unstaffed
Position		Division/Group B	M. WINKELMAN
Name		Division/Group C	MIKE FRALICKS; GENE PHILLIPS(T)
5. Incident Commander and Staff		Division/Group D	LOUIS HARTJES
Incident Commander / Deputy	PAUL BROYLES / JIM THOMAS	Division/Group E	C. RAMIREZ; J. BENNETT(T)
Canadian Incident Commander	DAVE MANOL	Division/Group W	DAVE VINING; CHRIS VERO (T)
Safety Officer	TONY BEITIA; JIM GRANT	Division/Group STRUCTURE GROUP	TOM LYNCH
Information Officer	BILL PAXTON	b. Branch I - Division/Groups (contiued)	
Liaison Officer	GUY PENCE	Division/Group REHAB GROUP	CRAIG MARTIN; CRAIG HALL(T)
6. Agency Representative		Division/Group PUBLIC SAFETY	TOM KAFFINE
Agency	Name	Division/Group CREWS IN CANADA	TONY DEMASTERS (LIAISON)
USFS Agency Administrator	JIM SANDERS	Division/Group	
Agency Adm. Rep / Trainee	JOHN WYTANIS / CARLEEN YOCUM	Division/Group	
Minnesota DNR	STEVE SIMMER	Division/Group	
Cook County Sheriff	MARK FALK	Division/Group	unstaffed
Canadian Liaison	JEFF GAUDRY	Division/Group	
7. Planning Section		c. Branch III - Division/Groups	
Chief	CLARK NOBLE; JOHN HEALY	Branch Director	
Deputy		Deputy	
Resources Unit	ROSS CATRON	Division/Group	
Situation Unit	RICK THOLEN	Division/Group	
Documentation Unit		Division/Group	
Demobilization Unit	MADONNA LENGERICH	Division/Group	
Fire Behavior Analyst	TOM REID; TYLER DOGGETT(T)	Division/Group	
Human Resource Specialist	PAUL BRYANT	d. Air Operations Branch	
Training Specialist	DON WASHCO	Air Operations Branch Director	JEFF GARDETTO
GIS Specialist	MATT BETENSON; CORY BLACK	Helibase Manager	JASON HOFMAN; PATRICK KEARN
Computer Specialist	A. SAMPSON; L. LEEZER; A. PARK	Air Attack Supervisor	JON CURD; ERICK HUTCHINS
Resource Advisor	TIM ENGRAV; SARA ERICKSON	Air Support Supervisor	S. BUDD-JACK; C. HAVENER(T)
Incident Meteorologist	Byron Paulson	Helicopter Coordinator	
8. Logistics Section		Air Tanker Coordinator	
Chief	MEGAN TIMONEY	10. Finance Section	
Deputy	DUANE CIHLAR	Chief	CAROL BASS
Supply Unit	TIM KENNEDY; ROBERT HARPER	Deputy	
Facilities Unit	ROSS BLUESTONE; LEE HUGHES	Time Unit	CHRISTINA FINLEY
Ground Support Unit	BUTCH SMITH; GENE REED	Procurement Unit	HENRY GAUSE
Communications Unit	MATT NILSEN	Compensation/Claims Unit	DARLA SMITH
Medical Unit	HARRY WHEELER; DAVE LANE(T)	Cost Unit	CYNTHIA HIGBEE
Security Unit	VAL NORMAN	Prepared by (Resource Unit Leader)	
Food Unit	ROY MILLER; DENNIS BROGGER	D. Ross Catron	

Fire Weather Forecast

FORECAST NO: 11

NAME OF FIRE: HAM LAKE FIRE

PREDICTION FOR: Day Shift
SHIFT DATE: May 18, Friday

UNIT: Superior National Forest

SIGNED: Byron Paulson
Incident Meteorologist

TIME AND DATE

FORECAST ISSUED: 2030 CDT 17 MAY, 2007

WEATHER DISCUSSION:

....CONTINUED WARM WITH GUSTY SOUTHWEST WINDS AND DRY TODAY...THEN MUCH COLDER FOR THE WEEKEND...

Gusty southwest winds will continue to provide warm temperatures and low humidity today across Northeast Minnesota. A cold front will pass across the incident late tonight bringing a chance of showers or thunderstorms. Cold Canadian high pressure will build across northern Minnesota over the weekend bringing much cooler weather to our area.

TODAY:

WEATHER: Mostly sunny. Some increase in high clouds late afternoon. Gusty southwest winds. Warm.

TEMPERATURES: High around 78.

HUMIDITY: Minimum 21 to 26%.

WINDS: All winds are 20 foot winds: Southwest 10 to 12 mph increasing to 14 to 18 mph by late morning with gusts to 25 mph.

HAINES INDEX: 5 which is moderate.

WINDS FOR AIROPS : 2000 feet above ground: Southwest 20 to 28 mph.

TONIGHT:

WEATHER: Becoming mostly cloudy. A chance of showers and thunderstorms.

TEMPERATURES: Low 45 to 50.

HUMIDITY: Max around 80%.

WINDS: Southwest 10 mph becoming north,

SATURDAY:

Much cooler and mostly cloudy with a chance of showers. Highs in the mid 50s. Minimum humidity around 45%. Wind northeast 12 to 16 mph with gusts to 20 mph.

SATURDAY NIGHT:

Partly cloudy and chilly. Low from 27 to 32. Northeast wind diminishing to 4 to 8 mph. Good humidity recovery.

EXTENDED FORECAST: SUNDAY AND MONDAY:

Sunday: Partly cloudy and cool. High in the lower to mid 50s. Wind southeast 10 to 15 mph.

Monday: A chance of showers and thunderstorms. High in the lower 60s. Wind southeast 10 to 15 mph.

Weather Yesterday

	<u>Max temp</u>	<u>Min RH</u>
Seagull ICP RAWS	69	25%
Superior1 RAWS (near Div B)	67	33%

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 21	TYPE OF FIRE: WILDFIRE
FIRE NAME: Ham Lake Fire	OPERATIONAL PERIOD: May 18 – Day Operations
DATE ISSUED: May 17, 2007	TIME ISSUED: 2100
UNIT: Superior NF	SIGNED: T. Doggett – FBAN (trainee) 
WEATHER SUMMARY: See fire weather forecast.	

FIRE BEHAVIOR

GENERAL:

EXTREME RATES OF SPREAD WITH LONG DISTANCE SPOTTING ARE POSSIBLE TODAY

- Mid-range spotting up to .5 mile is possible with single and group tree torching.
- Re-burn potential is increasing for under-burned fuels.
- Any spot fires will grow at a rapid rate and exceed direct attack.
- Probability of ignition 75%.
- Be wary of prolonged drought condition of fuels.
- Predictions are for unburned fuel in alignment with winds and topography.

Expected rates of spread: Head fire up to 50 chains/hr, Flanking fire 2-6 chains/hr & Backing fire 1-2 chains/hour.

Expected flame lengths: Head fire up to 12 feet, Flanking fire 1-3 feet & Backing fire 1-2 feet.

Forecasted indices for today: ERC - 44 Extreme & BI - 58 Very High

SPECIFIC:

Ham Lake Fire Area

Any fire growth will be in a Northwesterly direction.

Expect creeping and smoldering conditions through early morning through mid-day due to suppression efforts. As the afternoon progresses, expect fire to become more active where fuels are present. Due to drying trend of fuels, extra effort will be required for mop-up. Expect to see more smokes to show throughout the day.

Opportunities for direct line construction will be best early in the day.

Large pockets of unburned fuels exist in the interior and conditions are favorable for single and group tree torching with sustained crown runs possible where fuel, topography and winds are in alignment.

Snags will continue to pose a problem as winds increase.

AIR OPERATIONS:

Expect limited visibility and turbulence associated with extreme fire behavior and windy conditions.

SAFETY

Potential for extreme fire behavior exists today. Events will develop rapidly, so don't allow the success of yesterday to make you complacent today.

AIR OPERATIONS SUMMARY

220

1. Incident Name:
Ham Lake

2. OPERATIONAL PERIOD: **Friday May 18, 2007**
 Start Time/Sunrise: **0531** End Time/Sunset: **2040**
 Date Prepared: **5/17/2007** Time Prepared: **2000 hrs**

3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.):

Request bucket/water support though Air Attack or Heavy Helibase @ CKC (218-387-3069).
 Backhaul from the line, all empty gas cans, cargo nets, trash.
SAFETY CONSIDERATIONS **

- Clear, concise directions for bucket drops.
- Ensure all personnel are clear of retardant/water and bucket drop zones.
- See and avoid raptors (Bald Eagle, Osprey) and protect raptor nests from fire.
- Do not depend exclusively on rotor wing aircraft, have a back up plan.

For Line Orders/Requests go through Command ICP- provide: Ground contact name, Frequency., elevation, time for arrival.

4. MEDEVAC AIRCRAFT:
351CH designated medevac aircraft.
Hibbing Tanker Base
218-327-4582
Ely Tanker Base
218-365-4831
218-365-5420 (fax)
Ely Seaplane Base
218-365-7565
218-365-7564 (fax)

5. IFR:
 Established at 7000 msl

7. S. FREQUENCY AM FM
 Air/Air Rotor 122.425
 Air/Air 122.575
 Air/Air
 Air/Grd: primary 169.200
 Secondary 166.6875

8. FIXED-WING - Avail / Type / Make-Model / FAA N# / Base(s)
AIRCRAFTERS AVAILABLE
 CL 215= T263, T266, Hibbing
 CL 215= T267 Ely
 P-3 Orion T-21 Ely
 C-206 (Floats) 19 98V Gunflint Lodge
 Turbine Beaver (C FOER) Gunflint Lodge
 Joe Summers Mgr.
 LEADPLANES
 WILL ORDER AS NEEDED
 AIRTACTICAL
 93AA AC 500 Ely
 78V BA 90 Ely

9. HELICOPTERS (Use Additional Sheets -As Necessary)

FAA N#	TY	MAKE/MODEL	BASE	AVAIL	STAR	REMARKS	FAA#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS
863H	3	Bell 206 L4	Larch HB	0800	0830	Medevac							
351CH	3	AStar B3	Larch HB	0800	0830								
HT 769	1	S-61	CKC	0800	0830	tank							
HT744	1	S-64	CKC	0800	0830	tank							

10. TASK / MISSION / ASSIGNMENT (Type / Function Includes: Air Tactical, Retardant, Recon, Personnel Transport, Water Dropping, S&R, etc)			
TYPE / FUNCTION	NAME OF PERSONNEL OR CARGO (if applicable) OR INSTRUCTIONS FOR TACTICAL AIRCRAFT	MISSION START	FLY FROM FLY TO
Air Tactical	Over the incident at 0900	0900	Ely Ham Fire
Recon with 863H & 351CH	As needed by Operations from Larch HB.	0900	Larch HB Ham Fire
Transport Personnel/Cargo	As needed		
Ignition	As needed (351CH designated aircraft).		
Medevac	Fly to ICP Helipad based upon medical unit instructions. Incident Medevac aircraft 863H		
Prepared By Jeff Gardetto AOB		5/17/07	TIME: 2000 hrs. Page 2 of 2



INCIDENT RADIO COMMUNICATIONS PLAN	1. Incident Name	2. Date/Time Prepared	3. Operational Period Date/Time
	Ham Lake	5/17/2007 1725	5/18/2007 DAY

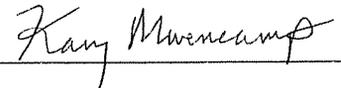
4. Basic Radio Channel Utilization

Radio Type/Cache	Channel	Function	Frequency/Tone	Assignment	Remarks
VHF	1	Tac 1	168.0500 Rx/Tx	Division D	
VHF	2	Tac 2	168.2000 Rx/Tx	Structure Group Rehab Group	Local VFD's may only have this channel in their radios
VHF	3	Tac3	168.6000 Rx/Tx	Division B	
VHF	4	Tac 4	164.1375 Rx/Tx	Division E	
VHF	5	Tac 5	166.7250 Rx/Tx	Division W	
VHF	6	Command 6	168.7000 Rx 170.9750 Tx	COMMAND	NIFC "C-1"
VHF	7	Command 7	162.9625 Rx 171.7875 Tx	COMMAND	NIFC "C-7"
VHF	8	Command 8	166.6125 Rx 168.4000 Tx	COMMAND	NIFC "C-4"
VHF	9	SUF Gunflint Repeater	169.9250 Rx 170.5250 Tx 110.9 pl	Forest Net Back Up only	Back-Up
VHF	10	Cook County Sheriff	158.730 Rx D743 155.985 Tx D627	Emergency Contact	WIDEBAND
VHF	11	Tac 11	166.7750 Rx/Tx	Division C	
VHF	12	Air-to-Ground 1	169.2000 Rx/Tx	Primary	
VHF	13	Air-to-Ground 2	166.6875 Rx/Tx	Secondary	
VHF	14/16	Air Guard	168.6250 Rx/Tx 110.9 PL	FOR EMERGENCY USE ONLY	

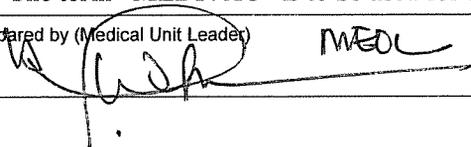
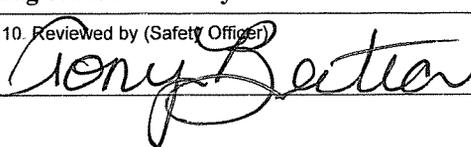
All frequencies are Analog – Narrowband except as noted

5. Prepared by (Communications Unit)

Matt Nilsen COML / Kary Mavencamp COML (T)



Logistics Radios: Group 1 Channel 2

MEDICAL PLAN	1. Incident Name	2. Date Prepared	3. Time Prepared	4. Operational Period							
	Ham Lake Fire	5/17/2007	1830	5/18/07 0600-2200							
5. Incident Medical Aid Station											
Medical Aid Stations		Location			Paramedics Yes No						
Sea Gull Guard Station		11456 Gunflint Tr. Grand Marais, MN			XX						
Base Camp		Blackenberg Rd Grand Marais, MN					XX				
6. Transportation											
A. Ambulance Services											
Name		Address		Phone		Paramedics Yes No					
Gunflint VFD Ambulance		Gunflint Lodge Grand Marais, MN		218-387-3030							
Cook Co. Ambulance		Gunflint Tr & 5 th Grand Marais, MN		218-387-3030							
Luke One Air		Duluth, MN		800-824-5773		XX					
Life Flight		Duluth, MN		800-447-5540		XX					
B. Incident Ambulances											
Name		Location			Paramedics Yes No						
Helicopter 863H		Larch Helibase 307-690-2710011881631461330 Satellite					XX				
Beaver Fixed Wing		ELY Sea Plane Base 218-365-7565					XX				
863H											
7. Hospitals											
Name		Address		Travel Time Air Ground		Phone		Helipad Yes No		Burn Center Yes No	
Cook Co. Hospital		515 W 5 th Grand Marais N 47.45.00 W 90.20.00		30min 1hr		218-387-3269		XX			
St. Mary's Hospital		407 E 3 rd Duluth, MN N 46.47.60 W 92.05.90		1hr 3hr		218-786-4357		XX			
St. Luke's Hospital		915 E 1 st Duluth, MN N 46.47.80 W 92.05.40		1hr 3hr		218-249-5616		XX			
Ely-Bloomenson Hospital		328 W Conan Ely, MN N 47.50.00 W 91.52.00		40min 3hr		218-365-3271		XX			
8. Medical Emergency Procedures											
<p>***Tending to personal hygiene will reduce illness in and out of camp.</p> <p>***All medical emergencies will be reported to the Divs. The DIVS will notify Ham Lake Communications on the Command Frequency. Communications will clear ALL Radio Traffic, and notify the MEDL. Report should include location, type, and number of injuries, medical, and transportation needs (please include nearest drop point/helispot). Any on-scene EMT's will stabilize the patient.</p> <p>***The term "MEDIVAC" is to be used for life threatening evacuations only.</p>											
Prepared by (Medical Unit Leader)						10. Reviewed by (Safety Officer)					
											

AVIATION EMERGENCY EVACUATION PLAN

Ham Lake Incident

Life Flight

Air Rescue: phone # 1-800-447-5540

Air/Ground Frequency: 155.340 (State Air Rescue Freq., for use with Life Flight only)

Travel: 60 minute time for aircraft to arrive on scene

Life Flight: Deluth, MN **Night Vision Capable**

Helispot Location:

Ham Lake ICP	Boise Spike	Gunflint Station 1	Sierra Spike
MEDL – Harry Wheeler	Supt: Matt Ziegler		Supt: Kenny Jordan
Lat: N 48° 07' 10.7"	Lat: N 48° 01' 57.9"	Lat: N 48° 02' 36.8"	Lat: N 48° 01' 97.0"
Long: W 090° 50' 24.4"	Long: W 090° 37' 32.6"	Long: W 090° 27' 15.0"	Long: W 090° 37' 44.4"
Elevation: 1509'	Elevation:	Elevation: 1897'	Elevation:

MEDICAL EMERGENCY = LIFE THREATENING INJURY OR ILLNESS

- All **non-Medical emergencies** requiring medical transport only should be clearly stated
- **When requesting medical aid, state:**
 1. Name of On-Scene Incident Commander (DIVS, EMT, etc.)
 2. Location: Drop point, Helispot, road intersection, mile marker, dip site, grid location, lat. X Long., etc. Best reference possible.
 3. Type of injury/illness. Medical Unit Leader will need good set of vitals, A-B-C's for proper assessment.
 4. Number of patients. If helicopter transport required, state number of transport and approximate weight.
 5. Treatment being given.

Helispot Night Marking Procedures:

At ICP: Flashing strobe beacon or Chem lights on corners. *Only used for Medical Emergency*

MEDL Harry Wheeler will be ground contact for night medivacs

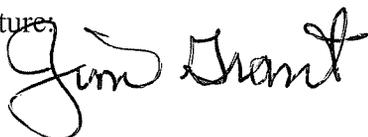
** Keep all non-essential personnel clear of helispot.

DO NOT use flashlights, headlamps, headlights, etc. to identify Emergency Pad location; and DO NOT shine any lights at the incoming Life Flight helicopter (pilot is wearing night vision goggles!!)

** All daylight hour non-emergency helicopter transports using incident aircraft will fly in / out of ICP Helispot

Air/Ground Frequency 169.200 (Channel 12, Ham Lake ICS-205)

Signature:



HEALTH AND SAFETY MESSAGE

SAFETY starts with ***YOU***

We are **ALL** accountable for **SAFE** behaviors
For Day Operations: May 18, 2007

INCIDENT: **Ham Lake**

DATE: May 17, 2007

TIME: 2100

Major Hazards and Risks:

- **DRIVING:** Slow down when driving on Cook County 12 and turn your headlights on.
- **HAZARD TREES:** Look up.....Look down.....Look around!!!

Fire Order of the Day:

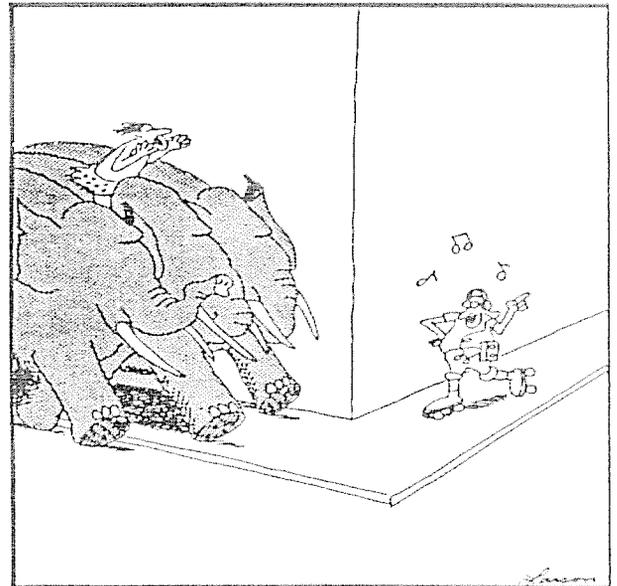
Be Alert. Keep calm. Think clearly. Act decisively.

(Think outside the box on this one for today)

- Are you thinking about something else while driving except paying attention to driving?
- Are you assessing hazard trees as you enter into a new area?
- Are you fatigued and making snap decisions without thinking them through?

DANGER

➤ Fatigue



➤ Complacency

**“IN GOD WE TRUST, EVERYTHING
ELSE WE CHECK TWICE”**

Thanks from your Safety Team!!

Tony Beitia
Chad Stewart
Jim Grant

George Pozzuto
Bob Kari

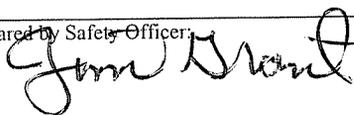
Jim Grant

INCIDENT SAFETY ANALYSIS (215a)

Ham Lake

DIV	HAZARDS	MITIGATIONS	
All	Driving & Traffic	<ul style="list-style-type: none"> • Use spotters when backing, and honk horn to alert personnel • Follow 3 second rule when driving on Cook County Road 12 • Always use headlights, wear seatbelts, and use chock blocks • Park in designated areas only • Car Pool to meals, meetings, and fireline when possible • Watch out for Home Owners & Public entering fire area • Don't park in private driveways • Shuttle personnel to limit the number fire vehicles in high use areas 	
All	Hazard Trees	<ul style="list-style-type: none"> • Follow "Hazard Tree Safety" guidelines, IRPG pages 80 & 81 • Look up, down around for hazard tree indicators • Only fell trees within your expertise, and training 	
	Water Travel	<ul style="list-style-type: none"> • Follow safety guidelines established in water safety training • Always wear Personal Flotation Devices (PFD) • Paddle near shoreline when white caps are present on water • Secure loads and follow weight restrictions on watercraft • Use good lifting practices when portaging with canoes • Watch for submerged trees when landing in black • Use tool guards or tape in watercraft 	
All	Foot Travel	<ul style="list-style-type: none"> • Watch footing on wet terrain, avoid walking on slick surfaces • Carry tools on downhill side • Use tool guards or tape when traveling to worksite • Maintain 8'-10' spacing 	
ICP Base Camp	ICP Base Camp	<ul style="list-style-type: none"> • Ensure proper footing on wet surfaces • Know locations of fire extinguishers in your work area • Use proper lifting techniques.....lift with legs not back • Get help when lifting heavy items • Assist with backing of vehicles, and forklift operations 	
All	Extreme Fire Behavior	<ul style="list-style-type: none"> • Refer to IRPG page 75 for watchout conditions • Establish "Trigger Points" to withdraw • Use "Risk Management" approach prior to suppression actions 	
B, C, D, E, & W	Mop Up	<ul style="list-style-type: none"> • Maintain 8'-10' spacing • Wear appropriate PPE such as safety glasses, gloves, etc 	
All	Personal Hygiene	<ul style="list-style-type: none"> • Wash your hands on a regular basis & before each meal • Don't share personal items such as razors, toothbrushes, etc. • Use preventative measures to limit exposure to illness 	
All	Helicopter Operations Fixed Wing Aircraft	<ul style="list-style-type: none"> • Follow "Aviation Watch-Out Situations" on page 46, IRPG • Don't plan on air resources for medical transport or re-supply 	
Structure Group	Structure Protection	<ul style="list-style-type: none"> • Alert power company crews if they working in your area • Watch out for the public entering the fire area 	
All	Wildlife	<ul style="list-style-type: none"> • Keep camp & sleeping area clean of debris, and food • Exercise caution for wildlife crossing roads at dawn & dusk 	
INCIDENT NAME Ham Lake		DATE & TIME PREPARED 05/17/2007 1900	OPERATIONAL PERIOD 05/18/2007 Day

Prepared by Safety Officer:



Reviewed by Operations Section Chief:



Today's discussion is from the Open Category.

Six Minutes Home Page

Fatigue/Stress

Accumulated (Chronic) Fatigue is defined as fatigue from which normal rest does not produce recovery. Accumulated fatigue is often caused by extended periods of stress with inadequate recovery periods, which results in decreased productivity, compromised immune function, and reduced alertness. Fatigued workers perform poorly, behave carelessly, tolerate greater errors and become inattentive. Chronic fatigue often results in increased stress, which may present itself through certain behavioral and physiological indicators, such as those described below:

- Decreased motivation and low morale.
- Increased irritability and depression.
- Confused, poor problem solving.
 - Poor abstract thinking
 - poor attention/decisions
 - poor concentration/memory
- Altered state of alertness.
 - A marked increased or decreased awareness of surroundings.
- Physical reactions (any of these symptoms may indicate need for medical evaluation. When in doubt, contact a medical professional).
 - chills
 - thirst
 - nausea
 - fainting
 - twitches
 - vomiting
 - dizziness
 - weakness
 - chest pain
 - headaches
 - elevated blood pressure
 - rapid heart rate
 - muscle tremors
 - profuse sweating
 - difficulty breathing
- Extreme emotional responses.
 - fear
 - panic
 - intense anger
 - emotional outbursts
 - feeling overwhelmed
 - loss of emotional control
 - inappropriate emotional response
- Social/behavioral changes.
 - withdrawn
 - antisocial acts
 - erratic movements
 - change in speech patterns

- change in usual communications
- alcohol or substance abuse
- Recommendations for chronic fatigue/stress are:
 - Take longer periods of rest/recovery
 - Ensure that workers are adequately rested before they begin workshifts
 - Slow the work pace to a moderate level on physically demanding tasks
 - Provide periodic rest breaks to allow physical and mental recovery
 - Alternate between heavy and light tasks
 - Change assignments to prevent boredom
 - Provide breaks, naps, or time off after tasks have been completed
 - Eat well-balanced meals regularly, with energy supplements during periods of high exertion.
 - Maintain hydration
 - Ensure workers maintain good personal hygiene
 - maintain high standards of physical fitness and work capacity
 - Seek medical attention when in doubt of symptoms
 - In extreme cases, personnel may need to be relieved of their duties.

References:

Wildland Firefighter Health & Safety Report, USFS-Missoula Technology & Development Center
CISM Information Pamphlet, International Critical Incident Stress Found., <http://www.icisf.org/>

A handwritten signature in black ink that reads "Jimi Grant". The signature is written in a cursive, flowing style.

05/18/2007

TENTATIVE RELEASE

HAM LAKE MN-SUF-070072

(EMTB)	HYDE, JOHNNA	0800
(SEC1)	LEKATZ, MICHAEL J	1900
(STCR)	HINTON, ARVEL A	0600
(FALB)	MONROE, ROBERT	0600
(FALB)	LUGER, PALANI	0600
(FALB)	COOPER, JASON	0600
(FALB)	BAILEY, SIDNEY	0600
(SOF2)	SHOEMAKER, ROBERT	0600
(FALB)	MCMMASTER, WILLIAM	0600
(FALB)	DEHNISCH, SCOTT	0600
(STEN)	KURPIUS, JESSE	0600
(SOF2)	KARI, ROBERT	1800
(PIO2)	BIRGER, RICHARD	1000
(SEC1)	GRUNDMEIER, BRET	0600
(SEC1)	MANNING, MARY	0730
(STCR)	HINTON, JOSEPH R	0600
(FACL)	NORMAN, SHARON V	0600

OVERHEAD

O-105		0800
O-110		1900
O-129		0600
O-149		0600
O-170		0600
O-152		0600
O-169		0600
O-188		0600
O-168		0600
O-167		0600
O-910		0600
O-91		1800
O-88		1000
O-107		0600
O-109		0730
O-81		0600
O-93.6		0600

CREWS

C-2	MFC #1	0700
C-13	PLATTE CANYON	0800
C-15	ROGUE RIVER HOTSHOTS	0630
C-24	GRAYBACK #7B	0600

(ENGU)	NODWELL #3	0600
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05/19/2007

TENTATIVE RELEASE

HAM LAKE MN-SUF-070072

O-106	(EMTB) ASHMORE, MICHAEL A	0800
O-108	(SEC1) BLOCK, ADAM	0600
O-131	(STCR) HALL, CRAIG	0600
O-190	(SOF2) STEWART, CHAD	0600
O-201	(EMTB) PALESTRO, RICHARD	0800
O-183	(ORDM) BAIRD, TIFFANY	1200
O-270	(PIO2) SMITH, ANGELA	0600
O-285	(RCDM) LOEHRKE, STEVEN	1200
O-286	(RCDM) LEE, RICHARD	1200
O-55	(SEC1) OPSAHL, ROSS	0600
O-58	(SEC1) DUNCAN, KIP	0600
O-68	(PIO2) WEBER, MICHAEL J	0700
O-71	(SEC1) STAGE, MARTY D	0600
O-100	(SECM) JOHNSON, CHRIS	0600
O-23	(RADO) TORRES, FRANKLIN L	1400
O-74	(STCR) PHILLIPS, GENE D	0600

OVERHEAD

CREWS

C-27	(HC1) SILVER CITY HOTSHOTS	0700
C-16	(HC1) PLUMAS IHC	0700
C-4	(HC1) LONE PEAK HOTSHOTS	0700

EQUIPMENT

E-14	(RAD) 100FT TOWER TRAILER - MNICS	1200
E-114	(WAT2) WATER TENDER W/SPRAY BAUTCH	0700
E-90	(ENG4) ENG NAX-72 T6	0600
E-72	(FT) COMO FUEL	1200

EQUIPMENT

E-29

(ENGU) NODWELL #3

0600

Ham Lake Incident

05/17/2007		V.1.06
Communication -ICP	801-413-0580	
Information	801-413-0589	Marion Swiney
	612-741-7640	
	612-741-7715	
	651-895-5423	John Daugherty
Ham Lake Fire Fax	801-413-0588	In Plans
Medical	801-413-0598	
	651-895-5438 cell	Harry Wheeler
<u>INCEDENT COMMANDER & STAFF</u>		
IC/Deputy IC- U.S.	801-413-0567	Broyles/Thomas
	801-413-0585	Broyles/Thomas
	208-869-3495 cell	Paul Broyles
IC-Canada	807-727-0351	Jeff Gaudry
Safety	801-413-0566	Tony Beitia
Laision Officer	208-861-3471 cell	Guy Pence
	801-413-0567	
<u>AGENCY REPRESENTATIVE</u>		
MN DNR	801-413-0567	Steve Simmer
Cook County Sheriff	218-387-3030	Mark Falk
<u>PLANNING</u>		
Plans	801-413-0591	
Check-In	801-413-0590	
Plans	208-630-4418	Clark Noble
Plans	435-749-1758	John Healy
Plans/Resource fax	801-413-0588	
Resources/Demob	801-413-0590	Ross Catron
	651-895-5422	
Situation	801-413-0586	Rick Tholen
IMET	816-536-0813	Byron Paulson
FBAN (t)	775-934-4701	Tom Reid
IMET/FBAN	801-413-0587	Tyler Doggett
Human Resource/Training	801-413-0568	
<u>LOGISTICS</u>		
Logistsice Section Chief	801-413-0565	Megan Timoney
Supply		Tim Kennedy
Ordering	801-413-0583	
Ordering fax	801-413-0582	
Facilities		Butch Smith
Ground Support	651-895-5484 cell	Rick Segerstrom
Base Camp Manager	612-741-7638	Harry Barber
Equipment Manager	651-895-4410 cell	Kelly Helget
Food Unit	651-895-5475 cell	Roy Miller
<u>FINANCE</u>		
Finance & Cost/Comp/Claims	801-413-0595	Carol Bass/Darla Smith
Time-Personnel & Equipment	801-413-0593	Christina Finley
<u>OPERATIONS</u>		
Operations Sec Chief	775-397-0009	Dan Dallas



Human Resource Message



ALCOHOL AND NON-PRESCRIPTION DRUG FREE INCIDENT



Trivia: Where is the world's largest frontier?

Paul Broyles
Incident Commander

Incident Human Resource Specialists are: Paul Bryant

Location: Yurt near the Caterer and ICP

