

United States Department of the Interior
BUREAU OF LAND MANAGEMENT
Office of Fire and Aviation
3833 South Development Ave.
Boise, Idaho 83705-5354

March 12, 1999

In Reply Refer To:
9209 (FA-210) P

EMS Transmission 3/15/99
Information Bulletin No. OF&A 99-046

To: State Directors
From: Director, Office of Fire and Aviation
Subject: Wildland Fire Information Technology Workshop

As identified in the Annual Work Plan and discussed with the State Fire Management Officers, a Fire Information Technology Workshop is planned to be held in Boise, Idaho from March 30 to April 1, 1999. Information about the workshop and the agenda are attached.

The intent is to discuss the evolving technology and how we can best maintain awareness of and avoid duplication of technological developments.

Questions on the workshop itself may be directed to Ken Reninger at (208) 387-5704.

Signed by:
Lester K. Rosenkrance
Director, Office of Fire and Aviation

Authenticated by:
Pat Lewis
Supervisory Mgmt. Asst.

1 Attachment
1 - Information/Agenda (7 pp)

Distribution:

State Fire Management Officers
Jay Thietten, Room 5627, MIB
Brian Eldredge, NARTC
BC Library
Fire Program Manager
Aviation Program Manager
NIFC Administrator
WO-540

BLM Fire Management

Wildland Fire Information Technology

Workshop

PURPOSE:

To define a universal forum to capture and display information about "technology applications, systems and ideas" that are or could be in support of wildland fire management.

To define an information sharing and decision concept to address and assess what technologies and ideas fit fire management needs.

To identify some of the current and developing technologies, systems, and applications that do or could support wildland fire management.

OBJECTIVE:

Establish a means to collect and universally display a synopsis of operational, and developing technologies, systems, applications, and ideas that do or could support wildland fire.

Define and implement a fire management and technology information sharing and decision process to assess what systems, applications, and/or ideas fit fire management needs.

Discuss and review some of the current, proposed, and developing systems and applications that do, can, or could be used in support of wildland fire management.

Audience: State Fire Management Officers and/or fire management "information technology" representative/s.

Time: March 29 - April 2, 1999
March 29 - Travel
March 30 - Technology Workshop
March 31 - SFMO Spring Ops. Meeting
April 1 - Technology Workshop
April 2 - Closeout / Travel

Place: Boise, ID., @ the Double Tree Club Hotel
475 W. Parkcenter Boulevard
T: (208) 345-2002
F: (208) 345-8354

Rooms (Block of 40 rms. have been reserved)

Room rate -	\$ 55.00
Breakfast -	6.00
Tax -	6.71

Total	<u>\$ 67.71</u>
-------	-----------------

Room reservations must be made by
March 15, 1999

Hotel contact - Ms. Deena Merten
(208) 345-2002 x 675

Workshop contact -
Ken Reninger, Unit Leader NSDU - NIFC (208) 387-5704
Sheldon Wimmer, Utah SFMO (801) 539-4091

Attachment 1-2

WORK SHOP TOPICS -

Communications forum for Information Technology, applications, and products. (Technology Collection and Display)

Ways this is now being accomplished.

- Meetings
- Trainings
- Publications
- Internet

Input of ideas on how we would like to be collecting and disseminating this info.

Selection of most practical method to collect and disseminate technology information on a universally open forum.

Action Item to accomplish the selected method.

- Who would be responsible
- What is needed
- Time frames to complete
- Define user needs

Assessment and Decision Process (Technology Assessment)

How is this currently being done?

How should it be done?

Who should be doing this?

Should it be an individual or small group?

Decide and establish process

Select/nominate individual/s

Put into action

WORKSHOP PRESENTATION AND DISCUSSION TOPICS

New/emerging/other agency systems/products

Utah GIS Planning and Suppression Response System (Sheldon Wimmer - BLM)

F-Project (Tom Patterson -NPS)

Use of GPS on Wildland Fires (TBA)

FATE Program (Bob Burnham - BLM)

Iridium Telecommunications (Steve German - BLM)

Technology Areas -

Telecommunications

Radio

Satellites

GPS

Aircraft Systems

Remote Sensing

Raws

Lightning Contract

New Systems/Concepts

Computers /Systems

Applications

Web Sites

Inter/Intranet

AGENDA - Wildland Fire Information Systems Technology Workshop

Tuesday, March 30

- 0800 Welcome/ Workshop Overview (Sheldon/Ken)
Facilities
Schedule
- 0830 Opening Speaker (Lee Barkow, NARSC Director)

Fire and Aviation Technology Direction (Ron Dunton)
- 0915 Introduction to Technology Collection and Display
- 0930 Break
- 0945 Technology Collection and Display
- 1130 Lunch
- 1245 Technology Collection and Display
- 1300 Technology Assessment
- 1345 New and Developing Technologies
Utah Field Fire Project
- 1430 Break
- 1445 F-Project
Fate Application
GPS in Fire
- 1700 Adjourn

AGENDA - Wildland Fire Information Systems Technology Workshop

Wednesday, March 31

- 0800 SFMO Spring Ops. Meeting
- 0900 Tour and discussion of -
National Incident Communications Unit
Remote Sensing/Fire Weather Support Unit
at NIFC for workshop participant not involved with Spring Ops. mtg.
- 1130 Lunch
- 1245 Open session at NIFC for workshop participant not involved with the
Spring Ops. mtg.
- 1630 Adjourn

AGENDA - Wildland Fire Information Systems Technology Workshop

Thursday, April 1

- 0800 Daily Introduction
- 0815 New and Developing Technologies
Iridium Communications
- 0930 Break
- 0945 National Incident Communications Unit
Narrowband Radio
- 1130 Lunch
- 1245 Remote Sensing/Fire Weather Support Unit
Portable/Talking Weather Stations
FBA MicroRems Applications
- 1445 Break
- 1500 National Systems Development Unit
Wildland Fire Web Site
Lightning
Weather
Occurrence
Internet Map Server
- 1700 Adjourn meeting