



2009 DISASTER PREPARATIONS AND RESPONSE



Stephen Jenkins

Division Chief

NIFC/NIICD

sjenkins01@fs.fed.us

06/25/2009

NATIONAL INTERAGENCY INCIDENT COMMUNICATIONS DIVISION

- **INCIDENT SUPPORT**
- **NATIONAL INCIDENT RADIO SUPPORT CACHE (NIRSC)**
- **COMMUNICATIONS DUTY OFFICER (CDO)**
- **REWORK & SUPPLY**
- **MAINTENANCE**
- **COMMUNICATIONS OPERATIONS**





INCIDENT SUPPORT

➤ WILDLAND FIRE

- 200-300 fires per year
- 120-150 Starter Systems per year
- Strength-of-Force, April 1 – November 30





HORSE CREEK 2007





TYPICAL REPEATER INSTALLATION





WAYCROSS, GA 2007





WAYCROSS, GA 2007





CEDAR FIRE/OLD FIRE, SOUTHERN CALIFORNIA 2003





IMPACTS

➤ **LOSS OF INFRASTRUCTURE**

➤ **LMR**

- **Overloaded systems**
- **Loss of sites**

➤ **POWER**

➤ **CELL SERVICE**

➤ **POTS**

➤ **ACCESS TO SITES**

- **Maintenance**
- **Repair**



INCIDENT SUPPORT

➤ HURRICANES

- Radio Support
- Frequency Support
- Every major hurricane since Hugo





KATRINA 2005





IMPACTS

➤ LOSS OF INFRASTRUCTURE

- LMR

- POWER

- CELL SERVICE

 - Overloaded systems

 - Loss of sites

- POTS

- ACCESS TO SITES

 - Maintenance

 - Repair

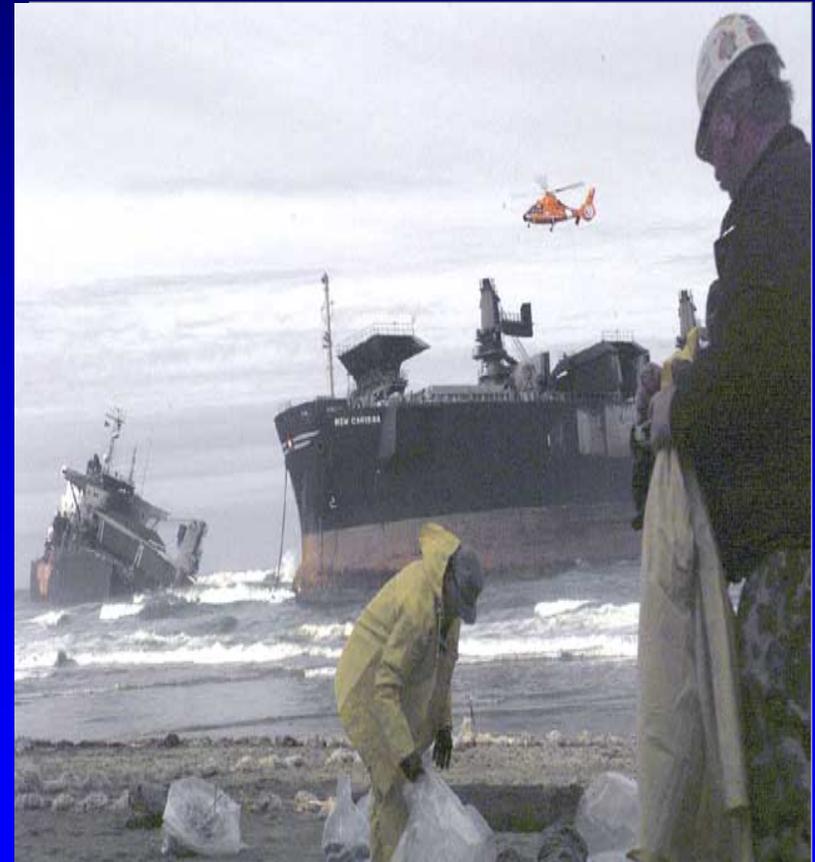
 - Fueling back-up power



INCIDENT SUPPORT

➤ OTHER DISASTERS

- Oil spills
- 9/11 NYC and DC
- Shuttle Columbia Recovery
- Floods
- Earthquakes (USAR)





TETON DAM 06/05/1976





THREE MILE ISLAND

03/28/1979





EXXON VALDEZ 03/24/1989





NORTHRIDGE EARTHQUAKE

01/17/1994





Oklahoma City 04/19/1995





WORLD TRADE CENTER

09/11/2001





PENTAGON 09/11/2001





NIRSC EQUIPMENT

- **HANDHELD FM RADIOS**
 - **11000 Radios**
 - **Analog & Digital (P25)**
 - **BK, Datron, Motorola, Racal**
 - **Cloning Cable with P25 Radios**





NIRSC EQUIPMENT

➤ REPEATERS

- 250 Repeaters
- All Daniels Equipment
- Analog & Digital (P25)





NIRSC EQUIPMENT

➤ Aviation

- Technisonic TFM 138B and TDFM 136
- ICOM Handhelds
- Ground Aircraft Base Kit
- Air Attack Kits
- MAFFS Base Stations





NIRSC EQUIPMENT

➤ UHF LINKS

➤ All Daniels
Equipment

➤ GROUND AIRCRAFT LINK KITS

➤ All Daniels
Equipment

4312 WITH LINK INSTALLED -DANIELS-





NIRSC EQUIPMENT

- **100% VHF FM
WIDEBAND/NARROWBAND
CAPABLE**
- **ANALOG/DIGITAL/MULTI-MODE
(P-25) CAPABILITY**



COMMUNICATION DUTY OFFICER (CDO)

- **Maintains the capability to respond with frequencies, equipment, and personnel to any type of natural or human caused disaster, as well as law enforcement and special events**
- **Available 24/7**
 - **208-387-5644 (CDO), e-mail nifccdo@fs.fed.us**
 - **208-387-5400 National Interagency Coordination Center (NICC)**



REWORK & SUPPLY

- **Issue, track and refurbish all NIRSC equipment, accessories and kits**
- **Maintain parts and supplies for all NIRSC equipment**



MAINTENANCE

- **Will at all times maintain enough radio communications equipment to support requests for deployment to the field**
- **Maintain all NIRSC equipment to NIRSC specifications**
- **Thoroughly test and voice test all equipment after each issue**



COMMUNICATIONS OPERATIONS

- **Maintain the capability to respond with qualified personnel to any type of incident regardless of the agency involved**
- **Coordinate and remain active with other response agencies such as Federal Emergency Management Agency (FEMA), United States Coast Guard (USCG), Urban Search and Rescue (USAR), etc.**



QUESTIONS ?



NIICD

www.fs.fed.us/fire/niicd

HOTSHEET:

www.fs.fed.us/fire/niicd/Hotsheet/Hotsheet