GOES – EFD System

• Evaluation / Enhancement of the GOES Early Fire Detection System
• Cooperators: UCD, USFS, NASA and CAL FIRE
• Using NASA NEX System and ARC high speed computers for rapid modeling
• Investigating improvements to fire “alarm” data
CAL FIRE Use of NIROPS in 2012

• Plans & OPS staff on CAL FIRE teams encouraged to:
  – Order NIROPS when activated
  – Order IRIN Trainees for long duration fires

• Hope to get CAL FIRE IRIN Trainees qualified
DigitalGlobe Contract

• CAL EMA may seek a new contract with DigitalGlobe or similar vendor (service expired April 2011)
• Goal is a service for the State of California to provide imagery of emergency incidents
• Available for all-risk incidents, not just fires
• Provides tools to access and load imagery into ArcGIS software
  – Need high speed internet connectivity to access
USGS & Eagle Vision Satellite Imagery Availability

• Anticipate International Charter (IC) should be available this year (USGS)

• Have not gotten confirmation if CA Air National Guard Eagle Vision is available this season
RC-26 Availability

• The ANG RC-26 will be in California May-August this year
  – Are now using AeroComputers Airborne Systems mapping software
  – Allows import/export of GIS data
  – Ordering procedures are in CAL FIRE policy
• A C-130 with similar equipment may also be available.
  – Further research about this resource is currently being conducted
PSW FireMapper Availability

• FireMapper system is now installed and available
• On board a Beech A-100 twin engine pressurized aircraft
• Stationed at Fox Tanker Base in Lancaster with USFS pilot
NICS Project

- Next Generation ICS (NICS), formerly LDDRS
- Cooperative project with MIT/Lincoln Lab
- Currently has DHS funding and is moving forward
- Is currently limited to select CAL FIRE Units
- Testing will continue in 2012
  - Anticipate testing operational uses
  - Developing further enhancements
Researching Mapping Software for CAL FIRE Aircraft

- Continuing research on mapping software and new computers/monitors for CAL FIRE aircraft
- Leaning toward having both DeLorme xMap and Terrain Navigator Pro installed