



NLE 2011
New Madrid Earthquake
Exercise

May 16-19, 2011

NLE 2011 Scenario



- Similar to the SONS 07 scenario.
- At 9:00 AM (CDT), on 16 May 2011, the southwestern segment of the New Madrid Seismic Zone (NMSZ) ruptures near Marked Tree, Arkansas. The rupture of the segment continues approximately 90 miles to in a Northeast direction to near Ridgley, Tennessee. The released energy is felt as shaking throughout the central United States and two minutes later (9:02 CDT) the shaking triggers a second event in the Wabash Valley Seismic Zone (WVSZ) near Mt. Carmel, IL.

NLE 2011



- The State of Illinois did not play
 - Region 4 did not play nor any States in Region 4
- Region 5 only played during business hours.
- There was no equipment deployment or field play.

NLE 2011, Region 5 Objectives



- EPA Region 5 staffed the RRCC with 2 players.
- EPA Region 5 staffed the Indiana IOF.
- EPA Region 5 staffed the Regional EOC.

NLE 2011, Region 5 Objectives

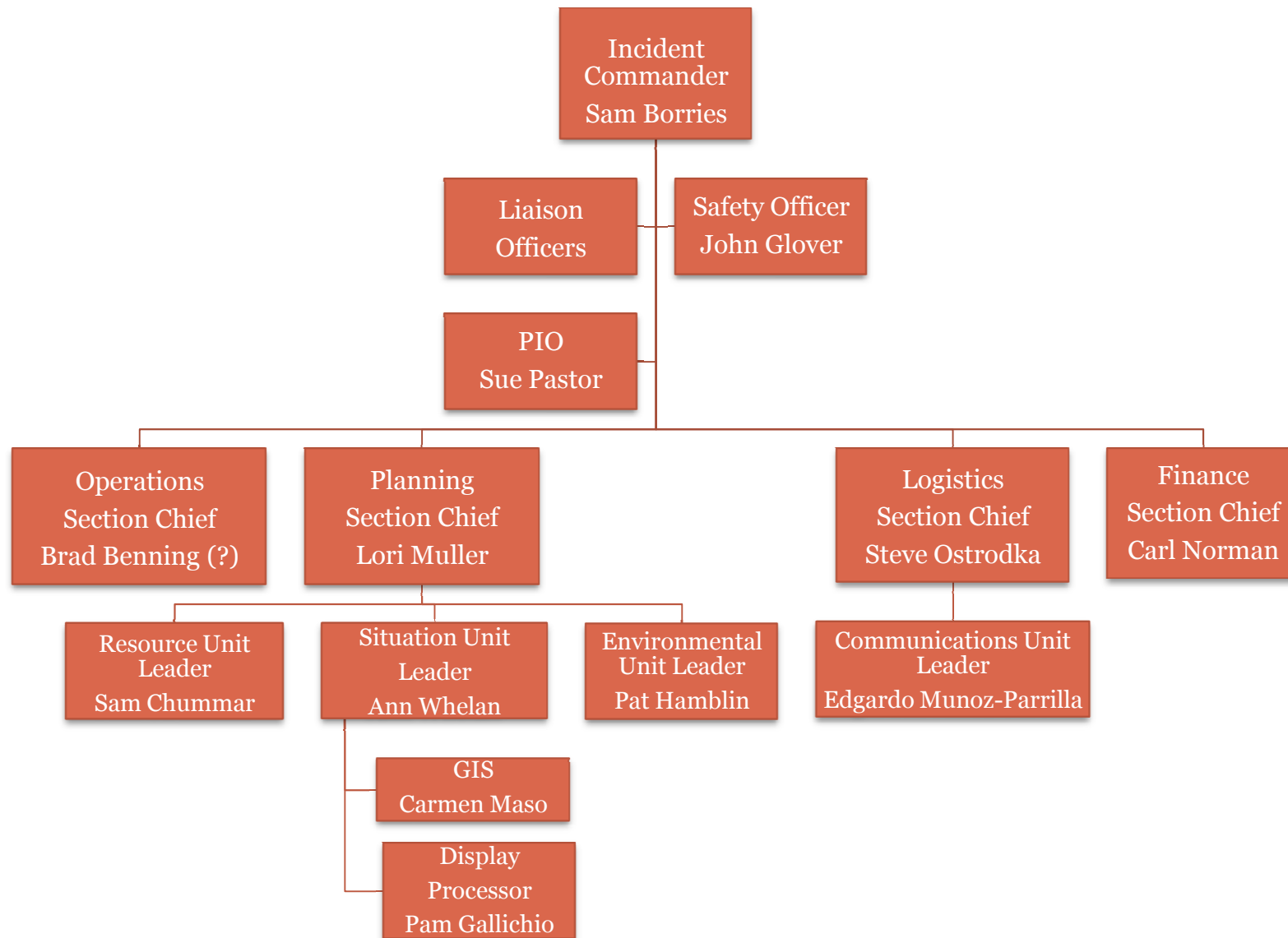


- EPA Region 5 interacted with Regions 6 and 7 during exercise play.
- EPA Region 5 play with simulated releases (facilities and pipeline) to drive the assessment phase. Assessments were shared with HQ for resource allocation.
- EPA Region 5 requested an ASPECT flyover (simulated) and CAP (real!).

NLE 2011, Region 5 Lessons Learned



- Need better, more appropriate pre-scripted mission assignments with FEMA
- ESF-10 often ends up acting, or being requested to act as EPA. We support eight other ESFs.
- Satellite Phones only work for between 15-30 minutes at a time depending on how long the satellite is overhead
- Need standard map production so maps can start to be made before a request is submitted.



**FEMA
RRCC**

Mike Ribordy
Craig Thomas
(Monday & Tuesday)

Sheila Calovich
Ann Whelan
(Wednesday)

Craig Thomas
(Thursday)

**Region 5 EOC
Barbi Lee**

Situation Unit

Management
Liaisons

**Indianapolis,
Indiana EOC**

Shelly Lam

**Springfield,
Illinois EOC**

