

Coast Guard's Mechanical Oil Spill Recovery Capabilities



May 2006

USCG Mechanical Oil Spill Response Capability

- **What.**
- **Where.**
- **Emerging Issues & Initiatives.**



Skimming Capability

- Boom
- Skimmers-
Pumps
- Temporary
Storage



Vessel of Opportunity Skimming System (VOSS)

- USCG District prepositioned sites
- National Strike Force Strike Teams
- Flexi (tension member)
- Fast Sweep (with net)

Spilled Oil Recovery System (SORS)

- USCG JUNIPER Class 225ft Buoy Tenders (WLBs)
- “A” Class
- “B” Class



VOSS Sites



SORS Sites



VOSS Containment Boom



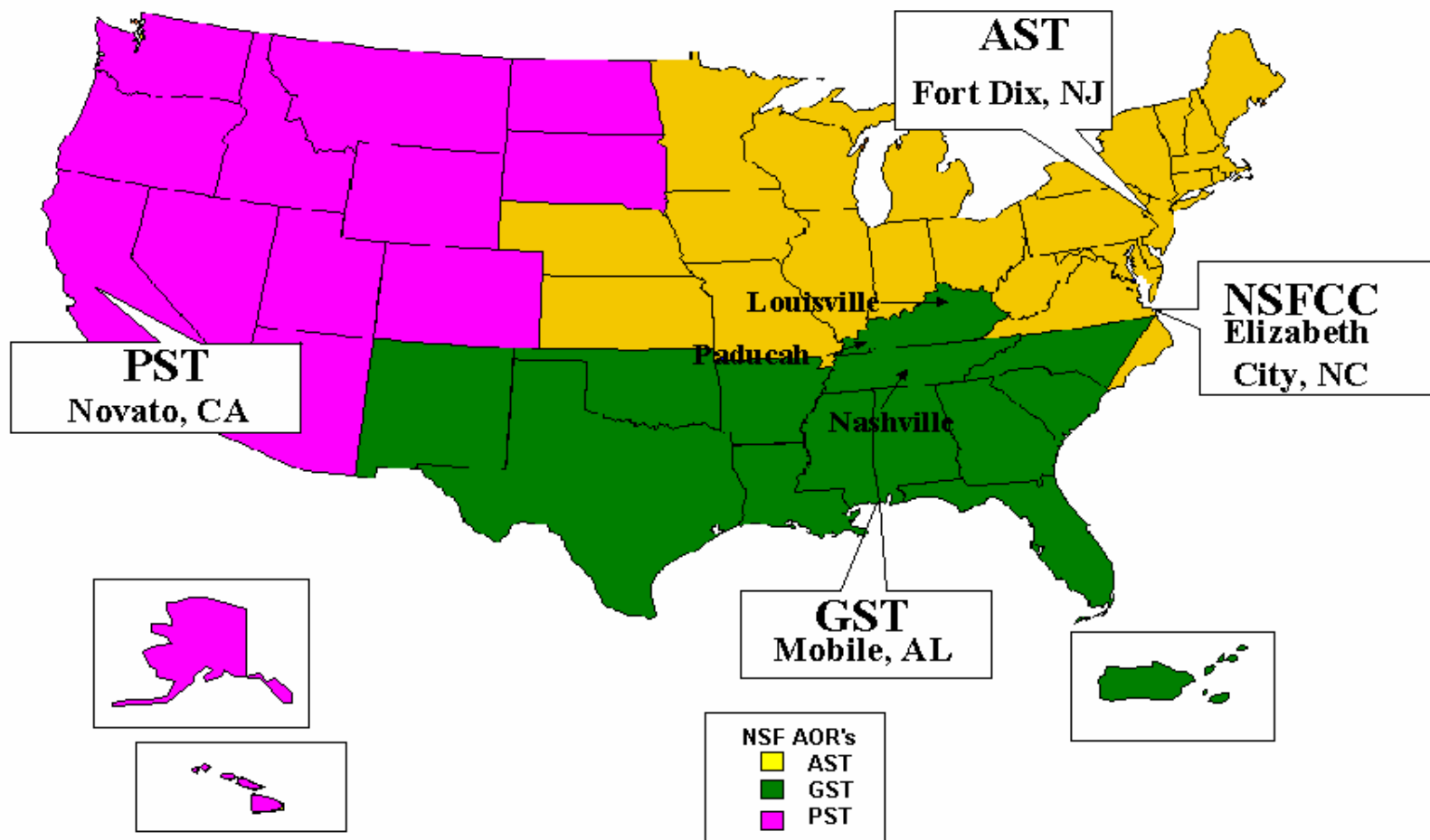
VOSS Skimmer



VOSS Temporary Storage Device



National Strike Force



NSF Response Policy

Response standards:

- 2 members dispatched immediately
- 4 members within 2 hours
- 12 members within 6 hours
- We can call on other teams for support

10-person hazmat response team on standby per team out the door in 2 hours



Lightering / Pumping Capability

- **CCN 150 TSD
Offloading Pump**
- **Viscous Oil
Pumping
System (VOPS)**



Inflatable Boom





Packaged for USCG C-130 Transport



Encouraging...

- **Equipment system standardization**
 - Performing annual maintenance visits
- **Hands-on team training**
 - Annual deployment exercises
- **Partnerships**
 - Equipment systems enhancements

***...strengthens our
National Response System!***



Emerging Issues

- Continuing to improve the Viscous Oil Pumping System (VOPS).
- Developing strategies & systems to mitigate “sinking” oil releases.
- Adjusting the type and location of spill response equipment systems to meet emergency response system shortfalls.



Questions?

