

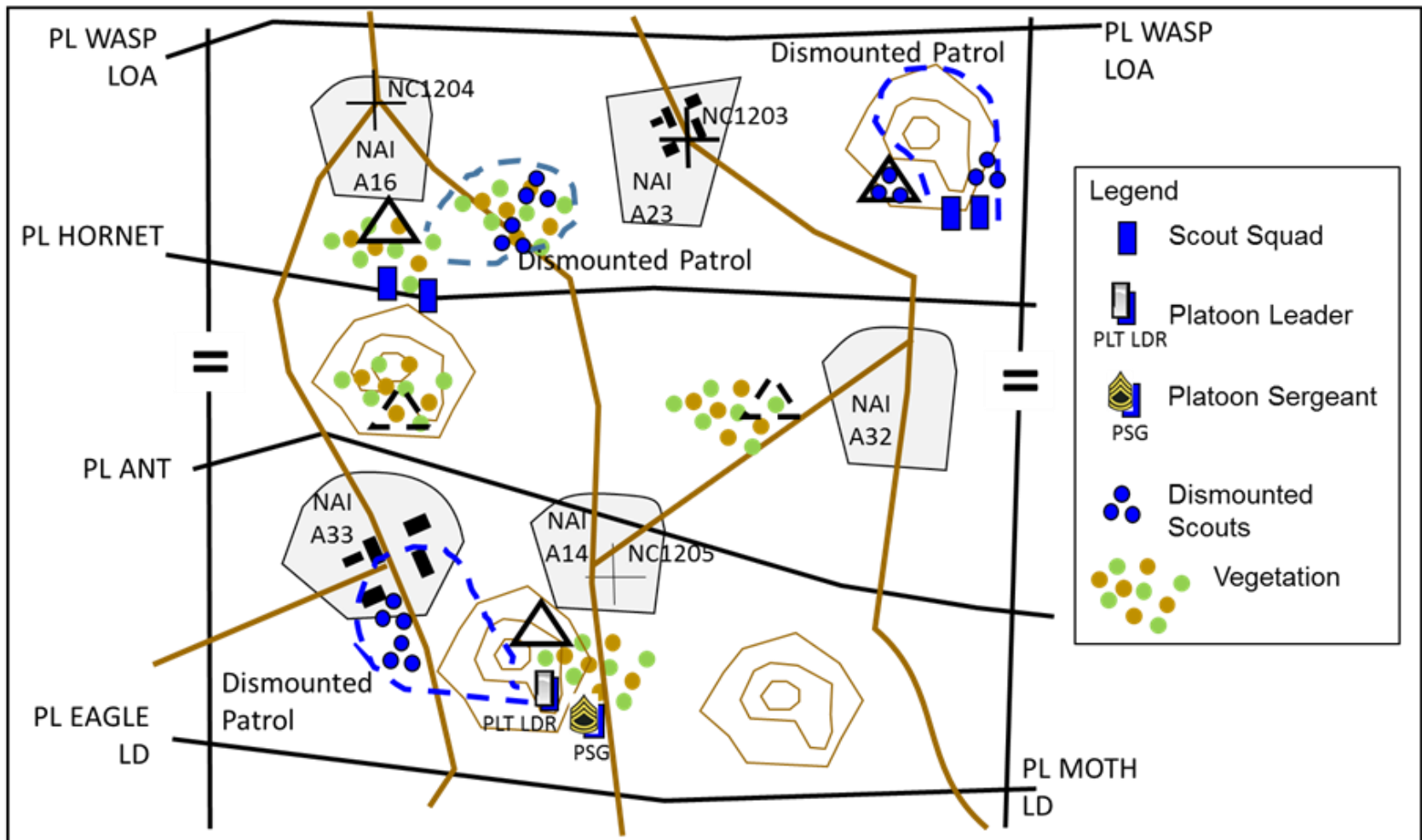
**TRADOC Capability Manager
Armored Brigade Combat Team
and Reconnaissance**



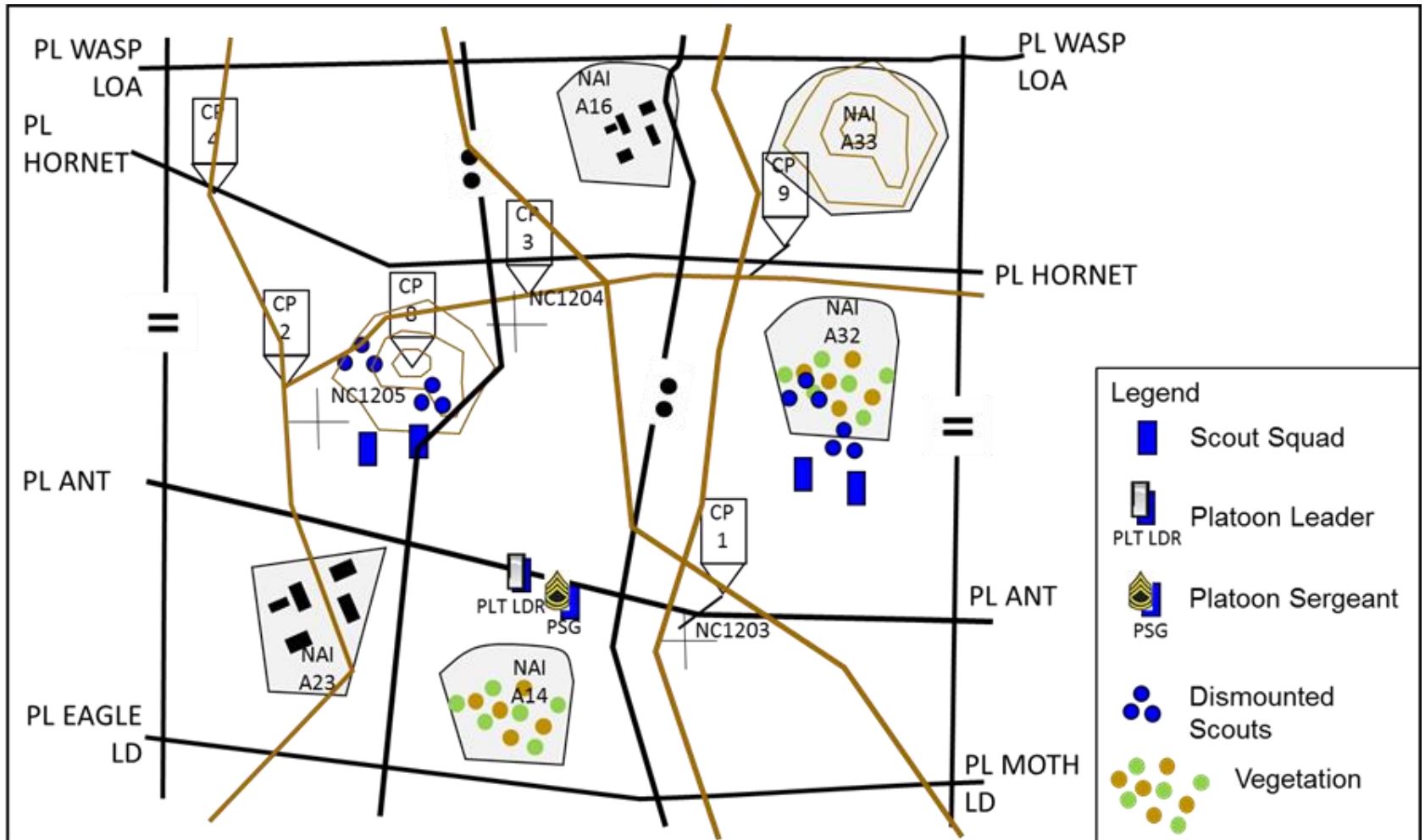
**Industry Day: TCM-Recon Session
11-12 April 2018**

How Scouts Operate

Platoon Stationary Screen



How Scouts Operate Platoon Zone Recon



Desired Capabilities

- Ability to See in Multiple Domains:
 - ❑ Communications Direction Finding (mounted & dismounted)
 - ❑ Electronic Warfare (EW) – Jamming
 - ❑ Cyber Recon
 - ❑ Radar – ground & air (mounted & dismounted)
 - ❑ Advanced Mounted Optics / Lightweight Hand Held Optics
 - ❑ Expendable, Networked Ground Sensors
 - Acoustic, Magnetic, Seismic, Camera
 - Emplaced by personnel or ground robot / UAS
- Multi-Mission Recon Packages:
 - ❑ Ground Robot
 - ❑ UAS – VTOL (Squad to Squadron)
 - ❑ On the Move Capabilities (Ex: UAS deploying off back deck of Bradley)
 - ❑ Mast mounted / tethered (integration on current platforms?)
- Long Range Lethality
- Advanced Mortar Munitions (increased range, lethality)