



Summary of Tuesday afternoon

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- All briefings will be posted to www.asetdefense.org under Workshops/
Prior Workshops
 - May take a week or so
- Next ASETSDefense Workshop Feb 2011,
New Orleans

- TARDEC initiative on Al in place of Cd
 - ❑ Aim is to change default from chromated Cd to non-chromated Al, but not replace non-Cd with Al
 - ❑ I have been hearing concerns over conductivity loss of ZnNi on corrosion and Ni-PTFE reliability and galvanic coupling
 - ❑ Sole source for electroplated Al – other sources and methods are MOCVD and ionic liquid
 - ◆ What is market-ready?
 - ❑ Need to develop Test Protocol + acceptance criteria
 - ◆ Side meeting for next ASETSDefense meeting in Feb?

● US Marine Corps

- ❑ Corrosion is biggest issue – especially fasteners
- ❑ Cannot dip large items or whole vehicles, so need sprayable Cr⁶⁺-free pretreat
- ❑ Need a good CARC primer for corrosion protection as well as adhesion
- ❑ Need DLA supply for new finish fasteners
 - ◆ DLA can help with that

- E-coat has far better corrosion performance than standard wet primer/paint
 - Should e-coat be the default?
- Need ways of moving to better finishes more quickly
- Need better control on supply base to encourage good suppliers and remove bad
 - Anomag for Mg
 - ◆ How does this compare with Tagnite?
- Need R&D on CARC powdercoat

- Primary issue is getting Supply Support Request from DoD user with proper Tech Data Package
- There are Environmental Attributes
- DLA is updating info and will need input from user community