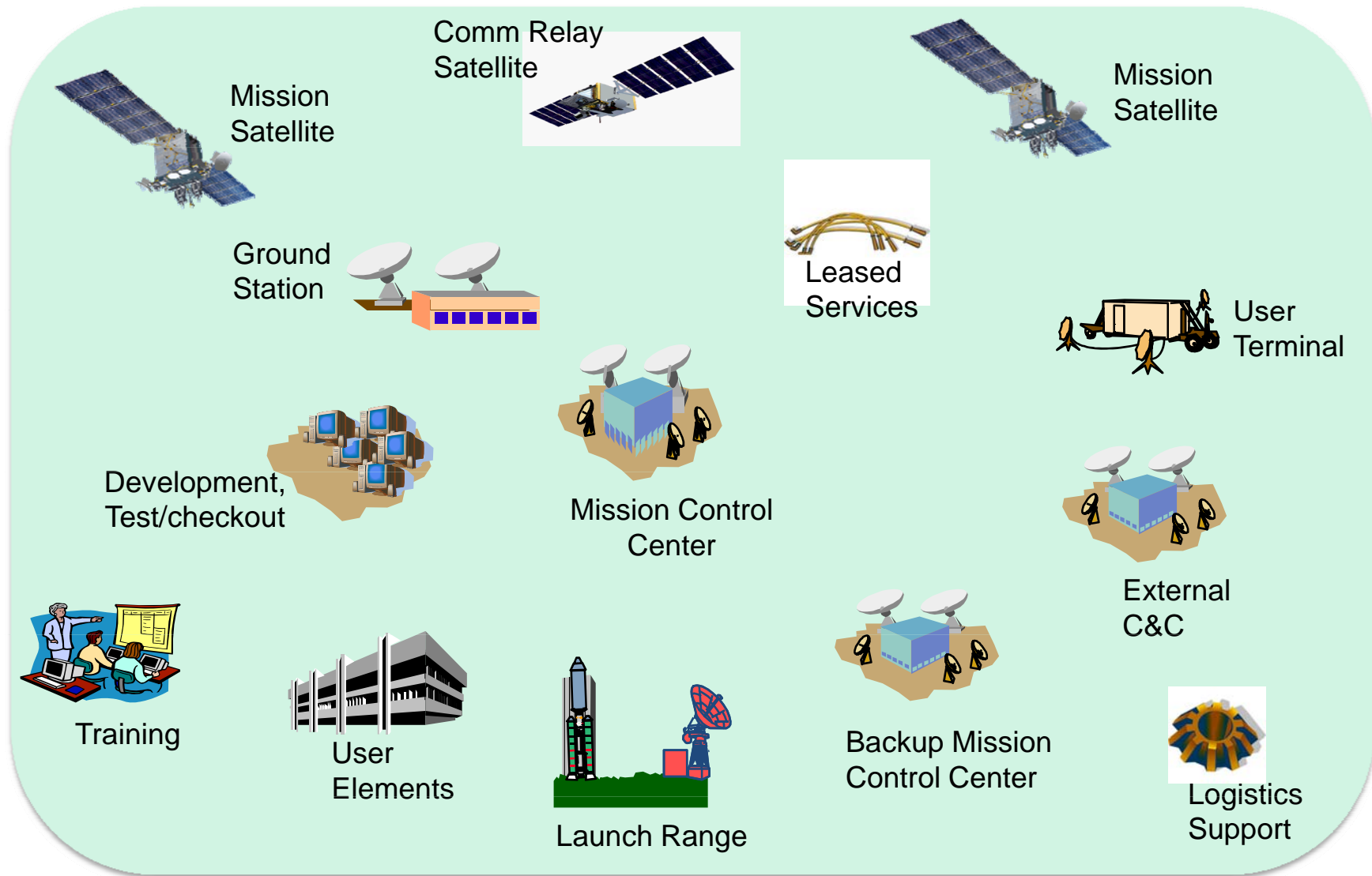


Mission Assurance for Ground Systems (Year 2)

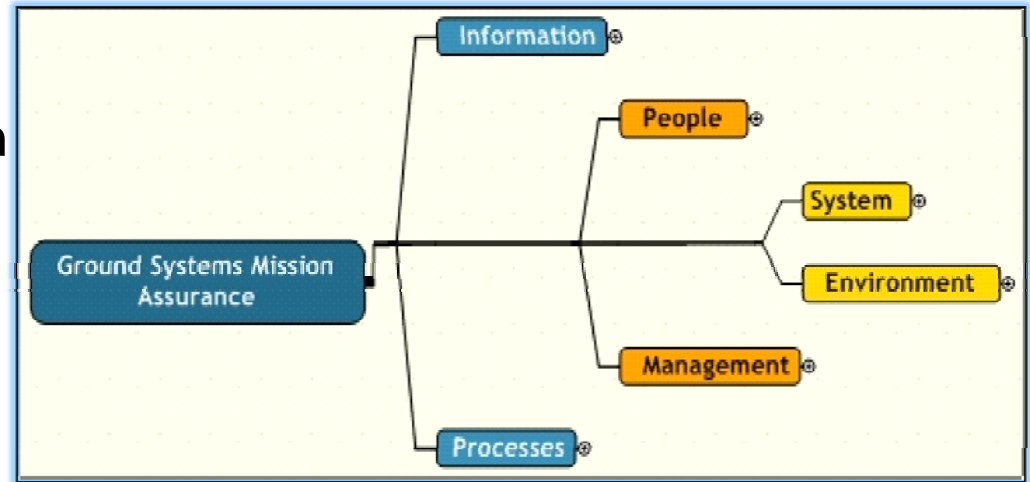
Julie White and Al Hoheb
The Aerospace Corporation

2011 Session 12D, "Ground Systems Mission Assurance" builds on 2010 Success



2010 Session Results

- Featured a panel and a 62 person brainstorming session
- Produced and distributed a report: “Ground Systems Mission Assurance” April 13, 2010, TOR-2010(3907)-22



2010 Key Points

- GS Mission Assurance difficult to do until quantified
- MA-Quality and workforce accountability
- Different ideas for “classes” of GS MA
- Many moving targets create disharmony
- GS MA needs and gov’t desires make a difficult environment for contractors and the supply chain
- Improved GS development and MA when development is not serial

2011 Workshop 12D Agenda

1-1:30pm Frame the topic

- *Ground Systems (GS) Mission Assurance (MA) overview*
- *2010 Results*

1:30-3pm Panel Session and Discussion - Harmonization

- *What Works, What Doesn't in GS MA?*
- *Panel topics (10 min. ea) plus group discussion*

3-3:15pm Break

3:15-4:30pm GS MA Presentations

- *Software Development Std for Space Systems (Suellen Eslinger/Aerospace)*
- *Ground System Test Standard (Brian Shaw/Aerospace)*
- *Process Effectiveness (Rick Hefner/Northrop Grumman)*
- *ESA Software Standards for GS MA (Dr. Mario Merri/ESA)*

4:30-5pm Wrap Up

Panel: Ground Systems Mission Assurance, “Harmonization - What Works and What Hasn’t Worked”

- Panel Moderator: Chris Stevens/Aerospace
- LtCol. Johnathan Grafelman/SBIRS Det1 CC
- LtCol. Brian Oelrich/GPS OCX
- Jody Gunn/JPL
- Rick Donnelly/Aerospace
- Ben Dove/Lockheed