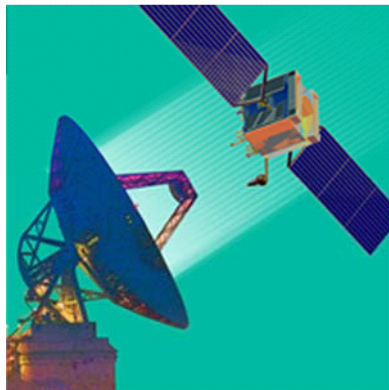


Working Group Outbrief

Ground System Architectures Workshop



Session 11C

Mission Assurance Workshop for
Ground Systems

Julia White, Al Hoheb, The Aerospace Corporation



Session Goals

- Background: Most space systems Mission Assurance information concentrates on the space segment
 - Wide definition of ground system and life-cycle coverage
- Goal: Produce a credible group effort to answering the question
 - “What contributes to Ground Systems Mission Assurance?”
- Method:
 - Panel and discussions
 - Brainstorming
- Kudo’s to conference logistics!

Ground System Architectures Workshop

Session 11C



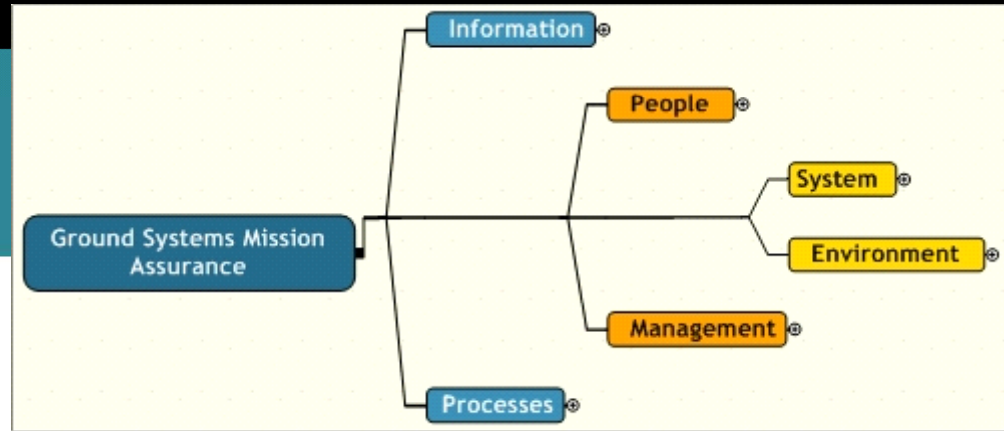
Presenters/Panelists

- Organizers/Moderators/Facilitators
 - Julie White/Al Hoheb
- Panelists and Facilitators
 - Aerospace: Rick Donnelly, Suellen Eslinger
 - NGC: Judith Erickson, Loretta Rieth
 - Raytheon: Karl Arunski, Stephen A. Capparelli
 - Lockheed: A. Ben Dove
- Participants
 - Around 40 participants almost equally spread across topics
 - Focused, engaged, and we had fun

Ground System Architectures Workshop

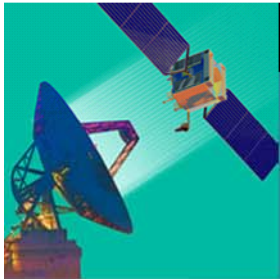
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Key Points



Raw Mindmap Results

- 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 not serial



Conclusions/Results

- Brainstorming Results To Be Provided to Participants Signing-In
 - PDF diagram, docx file, and these summary slides
- Work can be carried further
 - Continue to refine inputs with other specialty teams
 - Prioritize which items merit further investigation
 - Develop a list of candidate actions and projects
 - Characterize and quantify as potential requirements for Command Media and metrics/heuristics
 - Bring back to the next GSAW?