International Workshop on On-Orbit Satellite Servicing

Edward D. Horowitz

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Opportunity

- 300+ GEO satellites in orbit, avg. 12yr life
- Satellite life often limited by fuel not technology
- Costs of replacement satellite build, launch justify pursuing extra years of life
- Extended life satellites can be used to jump start revenue at new slots
- Create an “On-orbit fueling platform” to support 10 missions
Concept

• On-orbit servicing market is in a formative stage

• Constituencies are reaching alignment
  - Operators want to stretch in-orbit life
  - Insurers should want to be able to recover assets marginalized by sub-optimal launch performance
  - Private financing

• Commercial practice requires
  - Speed to market
  - Assured service

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Next Steps…

• Align NASA with commercial interests

• Establish a set of commercial terms

• Define requirements for servicing diverse customer base