

International Workshop on On-Orbit Satellite Servicing

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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

Next Steps...



- Align NASA with commercial interests
- Establish a set of commercial terms
- Define requirements for servicing diverse customer base