MISSION

Maximize Value of ISS NL through R&D and STEM

- Based on U.S. National needs for Basic and Applied Research
- Stimulate and Manage use by OGA’s, Academic, and Commercial Interests
- Communicate the Value

In Cooperation with NASA

- Transportation
- Manifest
- Int’l Partner Services
- Gov’t Rights
BUSINESS DEVELOPMENT

Fulfill Fundamental Science Questions

△ CASIS grants
  • Quarterly release
  • Seed funding for customers
  • NASA supports “Space” costs

Stimulate Commercial Utilization

△ Strategic Capture Plan - Fortune 500’s with R&D focus
  • Life Science and Biotech – Pharma, Therapeutics/Diagnostics
  • Materials Science – Open opportunity, physics of microgravity
  • EO/Remote Sensing
BUSINESS DEVELOPMENT

Stimulate Commercial Utilization

▲ Sell the Value Proposition
  • First in Industry
  • First to Market
  • Capitalize on the subsidized opportunity
  • Realize access to Space
  • Realize the Brand opportunity

▲ Create a Marketplace for Opportunities
  • Look for innovative, risk tolerant businesses
  • Fully vet the R&D
  • Engage appropriate Fund Source
CONTRACTING

CASIS issues Grants
- Federal Funding drives Terms & Conditions
- Gov’t may exercise rights to IP and data

CASIS enters into User Agreements
- NASA Administrator can waive Gov’t rights
- 2015 Authorization may further protect IP and data rights
- To be tested

Cross waiver of liability is passed to Awardee

ISS Certification and CoFR issued by NASA
OPPORTUNITIES

NASA continues to support “seeding” of the marketplace
△ Space integration cost support
△ Relaxation of Gov’t rights
△ Supporting efforts to extend beyond 2024

Commercial Interests in ISS Utilization are emerging
△ Biotech is largest vertical
△ Tech Demo
△ Material/Physical Science
△ Remote Sensing
CHALLENGES

Transportation
- Limited up
- Severely limited down
- Legacy constraints

Analytical Capabilities
- Behind State of the Art
- Requires non-traditional science design

Crew Access and Procedures
- Limited
- Requires evaluation