KSC: Transforming to a Multi-User Spaceport

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KSC’s Vision: Needs to be Attainable & Sustainable

VISION - KSC is the world’s preeminent launch complex for government and commercial space access, enabling the world to explore and work in space.
KSC = $5.6b IRREPLACEABLE ASSET

Established 1962
144k acres

84k acres purchase/condemnation
56k acres donated by the State
1k acres in Fl-granted causeway, rail property and other land transfers
Options on Evolution to a Multi-user Spaceport

**Past**
- NASA Program Dedicated Use

**Possible Future Operating Models**
- NASA Programs with Increasing Commercial Users
- NASA Programs with Emerging Multi-user Spaceport Authority
- Multi-user Spaceport Authority with NASA Programs Integrated

Target

“A new way of doing business for a new generation of explorers”
Protecting KSC Assets to ensure mission success

- Conflicting land uses
- Climate Change
- Species habitat
- Non-NASA operations

“A new way of doing business for a new generation of explorers”
Lessons Learned and Forward Planning

τ Importance of the Master Plan
  – Funding
  – Steering Group
  – Inter relationships (CCAFS, FDoT, Space Fl, Port Canaveral)

τ Multi-User or Multi-Operator
  – Center opinion and HQ

τ Underestimating the philosophy
  – NASA programmatic activity
  – Increased Non-commercial presence
Backup
Integrating with the State of Florida

FDOT/Space System Planning and KSC Master Planning

FDOT

- Airport System Plan
- Rail System Plan
- Florida Spaceport System Plan
- Transit System Plan
- Seaport System Plan

- NOTU Master Plan
- 45 SW Master Plan
- KSC Master Plan
- Canaveral Spaceport Master Plan
- Cecil Field Master Plan

John F. Kennedy Space Center

“A new way of doing business for a new generation of explorers”
Master Plan Inter-Relationships

- Oct 2011: 45th Space Wing Master Plan Complete
- Jan 2012: KSC Future Development Concept (approved)
- Apr 2012: SLF Area Development Plan Complete (approved)
- Jan 2013: FDOT Space State Intermodal System Plan
- July 2013: KSC Master Plan Complete
- Late 2013: Potential non-NASA SLF Operator
- Summer 2014: KSC EIS Complete