



KSC Development Strategy

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Development at KSC will address:

- ◆ **Evolution to a Multi-user Spaceport**
 - Move from a monolithic NASA Program field installation to a multi-user spaceport on federal property
- ◆ **Spaceport Business Model**
 - Diversity of funding sources, more self-sustaining
- ◆ **“Divesting without Diminishing”**
 - Reduce NASA CRV and liability without diminishing KSC capabilities
- ◆ **Leaner and Greener**
 - Addressing climate change and sustainability

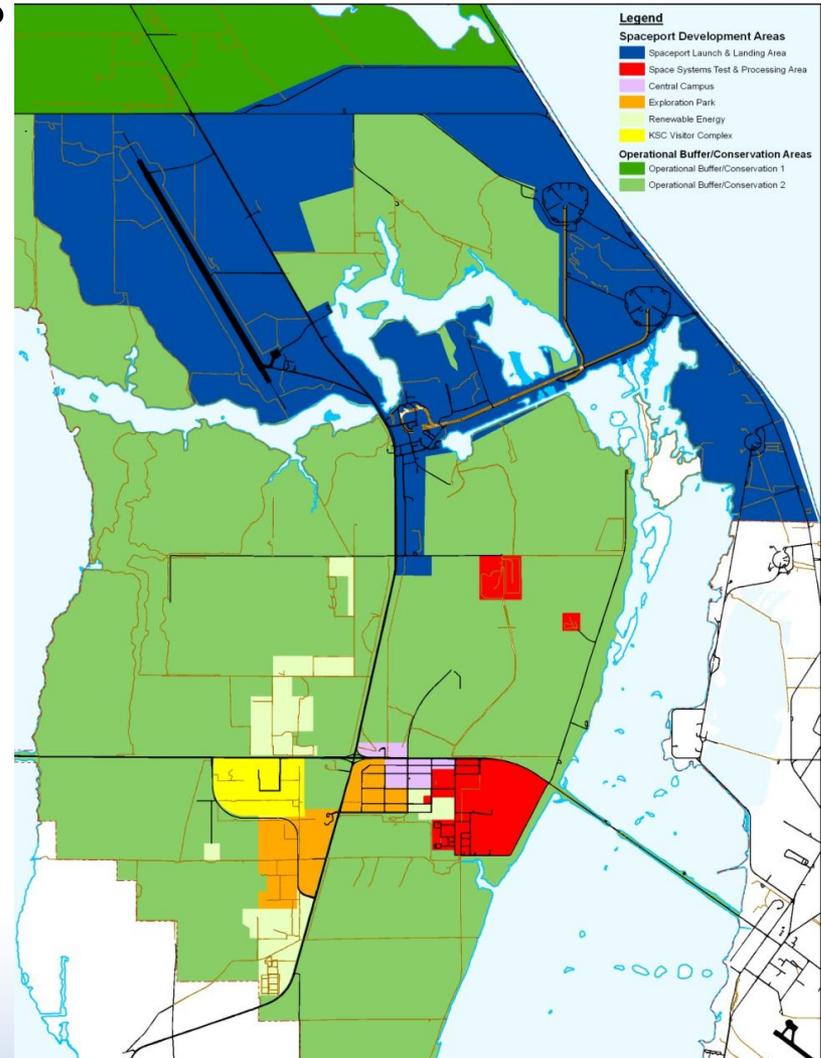


Spaceport Development Areas

- Spaceport Launch and Landing
- Space Systems Test and Processing
- Central Campus
- Exploration Park
- KSC Visitor Complex
- Renewable Energy R&D/Production
- Operational Buffer/Conservation

Alternative Spaceport Land Use Overlay Zones

- Commercial Operations Zones
- Access Control Zones
- Hazardous Operations Zones





Creating a Multi- User Spaceport

- ◆ SLF is the first “true” multi-user launch area of KSC
 - Customer base first to materialize
- ◆ SLF Study/Area Development Plan determined planning and architecture requirements
 - Jones Edmunds as prime contractor
 - T.Y. LIN as subcontractor (extensive history of designing airports)
- ◆ April 2012- SLF Study complete



SLF Area Development Plan

The planned development of spaceflight and aviation infrastructure considers the need to balance landside activities, and airside infrastructure needs.



Airside infrastructure includes: runways, taxiways, aircraft, or spacecraft parking aprons, fuel farms, and related improvements.

Landside facilities include: utilities, access roadways and parking areas; facilities consist of hangar buildings, fuel storage area, and other support facilities



Master Planning Team Forward Work

- ◆ **Understand impacts to KSC operations**
 - How will a new SLF operator change the face at KSC
 - How will this effect the Center's conops?
 - What type of new uses could be permitted?
 - Freight delivery
 - Vendors and ancillary businesses
- ◆ **Effects on KSC secure boundary**
 - Access to and from SLF for the operator and its intended customers/support services
 - Move the gate?
 - Construct new roads?
 - Examine new security levels/requirements?
 - Controlled areas, Secure areas, etc



Important Dates

- ◆ **May 2012: *Draft* SLF EA for Suborbital Processing, Launch and Recovery Operations**
- ◆ **May 2013: KSC Master Plan Complete**
- ◆ **May 2014: KSC Center-Wide Environmental Impact Statement**