

LSI Progress Report

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Activity Status

- **LSI Portal Enhancements:**

- Addition of a prototype map-based query and direct data download capability using CWIC
 - **On hold pending clarity on CEOS portals review outcomes**

- **Main 2011 Achievements/Outcomes:**

- Working with WGISS and WGCV on the requirements for LSI portal – on going dialog
- Continuing support to the science community



Activity Status

- **LSI Mid-Resolution Optical Guidelines:**
 - Complete 2nd and 3rd draft report for review by the LSI constellation team
 - Submission of a plan for use by the land imaging community in 2012
- **Main 2011 Achievements/Outcomes:**
 - Final report completed and released (August 2011)
 - Coordination efforts for FCT/GFOI and JECAM



Activity Status

- **Support for FCT/GOFI and JECAM requirements**
 - Acquisition strategy for GEO FCT involves a continuation of and an expanded demonstration mode in 2011 and 2012

- **Main 2011 Achievements/Outcomes:**
 - JECAM Space Coordination Meeting – June 2011
 - Committed to on-going support of both FCT/GFOI and JECAM



Activity Status

- **Free and Open-Source Tools:**

- Development of a stand-alone command line ortho-rectification tool (orbital model)
- Upgrade of SPRING freeware GIS with a plug-in for ortho-rectification based on RPCs

- **Main 2011 Achievements/Outcomes:**

- Command line tool available at www.ceos.org/LSI since February
- New version of SPRING available in October



Near Future Plan

- **Additional Expected Achievements by the end of 2011**
 - Better understanding of JECAM requirements
 - Better understanding of FCT transition to GFOI
 - Definition of LSI role in support to terrestrial ECVs
- **Information on any decisions that need to be made at CEOS Plenary**
 - Confirmation of ISRO as Co-Chair of LSI