

CEOS LSI Constellation Progress Report

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20th Plenary Report Highlights

- Reported 2007 Accomplishments.
 - Declaration of Intent signed by 7 CEOS agencies.
 - Three follow-up agreements drafted to define specific areas of cooperation.
 - Preliminary standards developed for future LSI systems.
 - Draft agreement prepared to provide data to FRA2010.
- Noted Planned Activities.
- Described Key Challenges.
- Requested Agency Support.
 - View Constellation activities as high-priority.
 - 0.2 FTE to work on LSI Constellation activities in 2008.

Progress Since Plenary

- Participated in the CEOS Space Component Contributions to GEOSS exercise, including the CEOS-GEO Task Workshop.
- Held a LSI Constellation Study Team meeting.
 - Review and reflect on 2007 activities.
 - Look strategically at LSI Constellation activities.
 - Define a strong, but achievable 2008 Work Plan.
- Prepared a LSI Constellation 2008 Work Plan.
 - Complete unfinished tasks from 2007.
 - Initiate a new radar focus area.
 - Compile regional data sets over selected areas.

Goal #1- Complete 2007 Tasks

2008 Work Plan Task	J	F	M	A	M	J	J	A	S	O	N	D
Create Annexes for Cooperation from three draft agreements.				■								
Mid-res. agency members on Study Team review Annexes.					■							
Final draft of Annexes for Cooperation sent to mid-res. agencies with invitations to participate in cooperative activities described.						■						
Cooperative projects implemented according to project plans comprising Annexes for Cooperation (w/ WG & SEO support).						■	■	■	■	■	■	■
Noblis Mid-Res. Standards Final Report submitted to the USGS.					■							
Noblis Report reviewed by LSI Constellation Study Team.						■						
Final Standards for future mid-res. optical LSI systems defined by Study Team building on Noblis report and member input.							■	■	■			
Final Mid-Resolution Optical LSI System Standards endorsed by LSI Constellation Study Team and submitted to SIT.										■		
Specific data requirements for filling holes in FRA2010 base data set provided by FRA2010 Project.					■	■	■	■				
LSI Constellation Study Team members locate, and secure their agency's permission to provide, needed data to FRA2010 Project .								■	■	■	■	

Goal #2 – Establish New Radar Focus Area

2008 Work Plan Task	<u>J</u>	<u>F</u>	<u>M</u>	<u>A</u>	<u>M</u>	<u>J</u>	<u>J</u>	<u>A</u>	<u>S</u>	<u>O</u>	<u>N</u>	<u>D</u>
Establish the LSI Constellation Working Group on Radar (WGR).				—								
WGR to develop LSI Constellation strategy for radar and prepare a Strategy Paper .					—	—						
Based on Radar Strategy Paper, WGR to prepare an initial LSI Constellation Radar Work Plan .							—					
Under direction of the LSI Constellation WGR, begin work on task(s) defined in the Radar Work Plan.									—	—	—	

- Key Challenges:
- 1) Identify strong leadership for the ***new radar focus area***.
 - 2) Secure active agency and user community participation on the ***LSI Constellation WGR***.

Goal #3 – Regional Data Set Compilation

2008 Work Plan Task	J	F	M	A	M	J	J	A	S	O	N	D
Establish the LSI Constellation Working Group on Regional Data Set Compilation (WGRDSC).				—								
WGRDSC select one or more sub-continental regions for compilation of mid-res. data set(s).					—							
WGRDSC develop implementation plan to complete regional data set compilation goal.						—	—					
WGRDSC to carry out the tasks defined in implementation plan.								—	—	—	—	—
LSI Constellation Study Team to work with appropriate CEOS agencies to develop arrangements for providing and acquiring data needed for regional data set compilations.								—	—	—	—	—

- Key Challenges:
- 1) Identify strong leadership for the goal on ***regional data set compilation.***
 - 2) Secure active agency and user community participation on the ***LSI Constellation WGRDSC.***