



# Common Instrument Interface (CII) Workshop Summary and Conclusions

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# Agenda



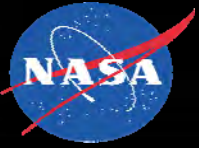
- WHERE WE ARE (and how we got there)
- Agencies Involved
- Action items from this workshop
- Goals Accomplished
- Future plans
- Questions



# WHERE WE ARE (and how we got there)



- Reviewed current and past interface documents to determine which interfaces can or cannot be standardized.
- Reviewed NASA instrument databases and estimated mass and power for future Earth Science Instruments.
- Met with PIs, Chief Engineers, and S/C vendors to determine CII.
- Captured lessons learned from previous missions
- Developed detailed Guide lines for CII Data and Power
- Visited Kirtland Air Force base and learnt ride share opportunities using SIV and ESPA ring
- Attended Geoscan workshop funded by NSF on Hosted Payloads and sensor PODS



# Agencies involved



- Agencies
  - NASA, commercial, military
  - International ESA and Surrey



# Action items from this workshop



- Action items from this workshop (TBD)



# Goals Accomplished



- Goals Met



# Future plans



- Coordinate with Hosted Payload Alliance (HPA) for using CII guidelines for hosted payloads
- Assess suitability of GEO orbit for future Earth Science Instruments
- Complete detailed guidelines for Mechanical, Thermal and other interfaces
- Attend Rideshare workshops useful to CII goals
- Plan second CII workshop in June 2011 with detailed guidelines for all CII
- Coordinate with ESA and other International Partners
- Other activities recommended by today's workshop attendees



# Contacts for Future Questions



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