Update and comments on the GSICS Operations Plan

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Based on outcome of Executive Panel

- EXP-1 (April 06): GSICS Implementation Plan (V1)
- EXP-2 (April 07): GSICS Operational Plan (V1)
- EXP-3 (Nov. 07): Update to Operations Plan
GSICS Operational Plan

(1) IR sensors LEO-LEO inter-comparison

- Define deliverable, processing scheme open ?
- Operational SNO (no IASI) by NOAA/NASA running
- AIRS-IASI periodical comparison by CNES running
- IASI aircraft comparison to be planned if possible ?
- GSICS operational SNO including IASI June 08

➢ “Acceptance” by EX.Panel ?

(Approve: nature, frequency and format of deliverable, SNO co-location criteria, inter-comparison algorithm, documentation..)
GSICS Operational Plan

(2) IR sensors GEO-LEO inter-comparison

• Define process and algorithm          done
• Implement algorithm at each GPRC check with test data set       June 07 ----→ Dec 07
• Validate algorithm with one-month live data       March (1-31) 08
• Run inter-comparison on operational basis, IASI reference       June 08

➢ Clarify/document deliverables (nature, frequency and format)
➢ Clarify “acceptance” criteria for algorithm implementation (describe final algo, accepted variants, documentation, maintenance/config. control)
➢ Clarify operational procedures for data exchange and management (nature, description, format, archiving, transfer, public release)
GSICS Operational Plan
(3) VIS sensors LEO-LEO and GEO-LEO

- Dev/test periodical LEO inter-comp on SADE (CNES)  2008
- Routine periodical LEO inter-comp on SADE (CNES)  2009
- Develop algo GEO-LEO inter-comp (EUMETSAT ?)  March 08 ?
- Operational GEO comp with LEO reference at each GPRC  June 08

- Clarify/document recommended methodology and algorithm
- Clarify deliverables, and procedures, if not identical to IR
GSICS Operational Plan
(4) MW sensors LEO-LEO

- Presentation on MW absolute calibration (F. Weng)  
  Feb 08

- Plans for development, implementation, operation still to be defined
GSICS Operational Plan
(5) Cross-cutting actions

• Presentation on pre-launch characterization (NIST) (see outcome of CEOS WGCCV) 2008
• GCC repository of algorithm and calibration data on-going
• Meetings/milestones EXP-4 11 July in Geneva
• Information
  – Website running
  – GSICS Quarterly issued
  – GSICS info in conferences on-going
• Research: annual/biennial GSICS workshops not yet planned
Conclusions

- GSICS is progressing towards the first goal of systematic inter-comparison of IR-MW-VIS radiometric sensors
- Several points to clarify for confirming operational status
- GRWG and GDWG urged to review these points and advise the EXP