

Joint GRWG-3 and GDWG meeting, Camp Springs, 19-21 Feb. 2008

# **Update and comments on the GSICS Operations Plan**

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# Based on outcome of Executive Panel

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- 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

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- *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

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- 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**
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- 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

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- 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**
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- Clarify/document recommended methodology and algorithm
  - Clarify deliverables, and procedures, if not identical to IR

# GSICS Operational Plan

## (4) MW sensors LEO-LEO

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- 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

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- Presentation on pre-launch characterization (NIST)  
(see outcome of CEOS WGCV) **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

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- 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