**Date: 12/13/2017**

**To: GSICS Executive Panel**

**Subject: Acceptance of the JMA Himawari-8/AHI versus IASI-A, IASI-B, and AIRS products into the Demonstration Phase**

On 14 Aug 2017 the Japan Meteorological Agency submitted versions of their Himawari-8/AHI versus IASI-A, IASI-B, and AIRS (Near Real Time and Re-Analysis Correction) products to the GCC for acceptance into the Demonstration Phase. The GCC provided these products to the appropriate members for review. After successfully completion of the review process for the documents, publications and the products themselves, I am happy to make the decision to accept the products into the Demonstration Phase. We congratulate JMA on their new GSICS Products, and look forward to the use of this product operationally by the larger scientific community involved in instrument monitoring.

A product review page is available on the GSICS wiki at

 <http://gsics.atmos.umd.edu/bin/view/Development/HimawarIASIProduct>

This page details the submission of the GSICS Product Acceptance Form (GPAF) and the ensuing steps for review of it and supporting documents (including the ATBD and publications). Members of the GSICS Product Acceptance Team (GPAT), GSICS Data Working Group (GDWG), GSICS Research Working Group (GRWG) and GSICS Coordination Center (GCC) have reviewed the science and sample files for the products. The developers have satisfactorily addressed their questions and concerns.

The products have been created on a daily basis over the last six weeks. The files are available at

 <http://gsics.eumetsat.int/thredds/catalog/himawari8-ahi-aqua-airs-demo-nrtc/catalog.html>

 <http://gsics.eumetsat.int/thredds/catalog/himawari8-ahi-metopa-iasi-demo-nrtc/catalog.html>

 <http://gsics.eumetsat.int/thredds/catalog/himawari8-ahi-metopb-iasi-demo-nrtc/catalog.html>

 <http://gsics.eumetsat.int/thredds/catalog/himawari8-ahi-aqua-airs-demo-rac/catalog.html>

 <http://gsics.eumetsat.int/thredds/catalog/himawari8-ahi-metopa-iasi-demo-rac/catalog.html>

 <http://gsics.eumetsat.int/thredds/catalog/himawari8-ahi-metopb-iasi-demo-rac/catalog.html>

An annotated outline giving the GPPA steps that were completed during the review process is provided as Appendix I. Links to relevant documents such as the ATBD, GPAF and the reviewers’ comments are provided on the product review page cited above.

Lawrence Flynn, GCC Director

**Appendix I: Summary of steps completed in the GPPA workflow**

1. Fill out Sections I, II, III.1.A.1, and III.1.A.2 of the GSICS Product Acceptance Form (GPAF). Also, fill out Section III.1.B (ATBD) of the GPAF.
	* Who: Product provider
	* **Completed**
2. Submit the GPAF and preliminary ATBD for review to the GSICS Product Acceptance Team (GPAT) via the GSICS Coordination Center (GCC) Deputy.
	* Who: Product provider

*On 8/14/2017 the Himawari8/AHI products were submitted to the GCC. The files that were submitted are 1)* *Sample Product Files 2) ATBD 3) and GPAF.*

* + **Completed**
1. Determine if the GPAF is filled out correctly and decide if the product theoretical basis is adequate and the product scope is within the GSICS domain.
	* Who: GPAT
	* **Completed**
2. GPAT feedback given to the Product provider.
	* Who: GCC Director

*Reviews provided at*

<http://gsics.atmos.umd.edu/bin/view/Development/HimawarIASIProduct>

* + **Completed**
1. Upload a sample file to a GSICS data server if GPAT feedback is affirmative.
	* Who: Product provider, GDWG Chairman

*Sample product files sent to GCC and relayed to GPAT – uploaded on review page*

* + **Completed**
1. Determine if the sample file follows the GSICS NetCDF and file naming conventions.
	* Who: GDWG Chairman (Co-Chair Peter Miu since Chair is submitter.)

*Review provided by GPAT member (Manik Bali)*

*Formats corrected to meet standards, products regularly available, and products visualized by plotting tool per co-chair email 13 December 2017.*

* + **Completed**
1. Remediate any GPAF issues according to the GPAT feedback.
	* Who: Product provider, GCC Director

*Remediation ensured that the Metadata conventions are now followed.*

*Changes were implemented.*

* + **Completed**
1. Once all issues are resolved, the product enters the **Demonstration Phase**.

*All reviewer issues have been resolved. Dohyeong Kim (GRWG Chair), Tim Hewison (GPAT EUMETSAT) and Manik Bali (NOAA) all recommend that the products be accepted.*

* + **Completed**
1. This Memo of Approval from the GCC Director to the EP.