**Date: 26 April 2017**

**To: GSICS Executive Panel**

**Subject: Acceptance of the ISRO INSAT-3D - IASI products in Demonstration Phase**

On 17 April 2015 ISRO submitted a version of their INSAT-3D – IASI (NRT) products (from both the Imager and Sounder) to the GCC. 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 ISRO on their first two GSICS Products, and look forward to reviewing their VHRR products.

A product review page is available on the GSICS wiki at

 <http://gsics.atmos.umd.edu/bin/view/Development/ISROINSAT3DIASIACorrectionProduct>

The 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 year. The files are available at

 <http://as.mosdac.gov.in:8086/GSICS_ISRO/netcdf.jsp> (Imager)

 <http://as.mosdac.gov.in:8086/GSICS_ISRO/netcdfsounder.jsp> (Sounder)

An outline of the steps of the GPPA that were completed is provide as an attachment. Links to relevant documents such as the ATBDs, GPAF and the reviewers’ comments are available through links on the product review page cited above.

Lawrence Flynn, GCC Director

**Attachment 1: 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 4/17/2015 the INSAT-3D product was submitted to the GCC. The files that were submitted are 1)* *Sample product files (*[*Imager*](http://gsics.atmos.umd.edu/pub/Development/ISROINSAT3DIASIACorrectionProduct/W_IN-ISRO-Ahmedabad%2CSATCAL%2BNRTC%2BGEOLEOIR%2CINSAT3D%2BIMAGER-MetopA%2BIASI_C_DELI_20141002000000_demo_01.nc) *&* [*Sounder*](http://gsics.atmos.umd.edu/pub/Development/ISROINSAT3DIASIACorrectionProduct/W_IN-ISRO-Ahmedabad%2CSATCAL%2BNRTC%2BGEOLEOIR%2CINSAT3D%2BSOUNDER-MetopA%2BIASI_C_DELI_20141030_demo_01.nc)*) 2)*[*ATBD*](http://gsics.atmos.umd.edu/pub/Development/ISROINSAT3DIASIACorrectionProduct/GSICS_ISRO_INSAT3D_IASI_ATBD_2014.pdf) *3)*[*GPAF*](http://gsics.atmos.umd.edu/pub/Development/ISROINSAT3DIASIACorrectionProduct/ISRO_GSICS_GCC_GPAF_V01.2.doc)

* + **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/ISROINSAT3DIASIACorrectionProduct>

* + **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

*Reviews provided by GPAT members (Masaya Takahashi and Manik Bali)*

*Formats corrected to standards*

* + **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), Ashim Mitra (IMD), Masaya Takahashi and Peter Miu (GDWG Co-Chairs) and Fangfang Yu (NOAA) all recommend that the products be accepted.*

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