**Re: FW: Attn GPAT Members: Review of ISRO-GSICS product**

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| **Masaya Takahashi <masa.takahashi80@gmail.com>** |

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| to me, Dr, Lawrence, Ashim, xuna, Fangfang, zhangp, Mitch.Goldberg, Peter, Tim, Harald.Rothfusshttps://mail.google.com/mail/u/0/images/cleardot.gif |

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Dear Manik,

I'm very sorry for my late review as a GPAT member of JMA. Attached
here please find my comments on the ATBD (I added my comments to Tim's
comment version) and GPAF.

As I talked with Pradeep in Boulder (at the GSICS-EP-16 and the
CGMS-43), JMA really appreciates ISRO's great work on generating
INSAT-3D/Imager,Sounder vs. IASI inter-calibration products.

In the following are my comments on the netCDF contents. I would also
like to support the products to enter the Demonstration phase, but it
would be great if ISRO could reply to my comments.

A) W\_IN-ISRO-Ahmedabad,SATCAL+NRTC+GEOLEOIR,INSAT3D+SOUNDER-MetopA+IASI\_C\_DELI\_20141030\_demo\_01.nc

1) File nameing
- We use "MetOpA" even though "MetopA" is an official naming.
- 20141030 should be the format of YYYYMMDDHHMISS

2) Global attributes: license
We have an agreement to describe a disclaimer in this global
attribute. You can see an example on
<https://gsics.nesdis.noaa.gov/wiki/Development/NetcdfConvention>.
Please specify ISRO's policy.

3) Global attributes: processing\_level
GSICS defines data versioning:
<https://gsics.nesdis.noaa.gov/wiki/Development/NetcdfConvention#Data_Versioning>.
So, please follow that. Namely, you need to specify minor version and
revision like
:processing\_level = "demonstration/v01.00.00" ;

4) Long name of variables: channel\_name and central\_wavelength
"INS-3D+IMGR" should be changed to "Sounder", and it might be better
to expressed as "INSAT-3D SOUNDER".

5) Variable: filter\_integral
How do we use this value? It would be good if there are any guides
(e.g. in ATBD).

6) Variable: channel\_name
Only first 4 of 18 channels  have the name. I guess these are Imager's ones.

7) Variables: slope\_se, covariance, std\_scene\_tb\_bias\_se
Some channels have "0" values. In addition, covariance values seems to
be large than usual value. Are they correct?

B) W\_IN-ISRO-SAC,SATCAL+NRTC+GEOLEOIR,INSAT3D+IMAGER-MetOpA+IASI\_C\_DEMS\_20141001000000\_demo\_01.nc

Almost the same comments as those for A). File naming should be
consistent with A).

Best regards,
Masaya