

PSWG Action items from ITSC-21

Nigel Atkinson and Graeme Martin

Actions on group members

Nigel Atkinson and Nathalie Selbach to update the list of software packages on the PSWG web page by May 2018.

- The document was updated in Jan 2019

KMA and SSEC to come up with a plan to make the GK-2A software available to DB users.

- GK-2A was launched Dec 18 and operational from Jul 19. KMA have been working on the software, but awaiting current status.

NCEP to clarify requirements on VIIRS cloud products within the CrIS FOV, and to discuss with the AAPP and CSPP teams the possible implementation in DBNet.

- AAPP v8.4 includes the facility to include VIIRS cloud information (cloud mask and clusters) in the CrIS BUFR output. Implementation to be discussed in DBNet group.

Nigel Atkinson to look at the CrIS PC product and compare the implementation with that used for IASI.

- NOAA report that the PC product has been generated in the past (2014-15) but not currently. Follow up in WG if needed.

Specific recommendations

EUMETSAT Data Policy be clarified in order to allow distribution of real-time IASI L1 data.

- Simon Elliott reported that EUMETSAT have looked into the matter and concluded that it is fine to redistribute the data.

Any DB data users interested in the provision of software to generate their own wind products should contact the CSPP team to register their interest.

- Strong interest in GEO winds from GOES-R series. Planned for release in CSPP in 2020. Some interest also (e.g. from NWS) in Himawari winds.

CMA to provide the Space to Ground Interface document for FY-3D as soon as possible, to allow station manufacturers to prepare their systems in advance of the release of software and data products.

- FY-3D is now being received successfully. Interface document available at <http://satellite.nsmc.org.cn/PortalSite/StaticContent/DocumentDownload.aspx?TypeID=14>

Specific recommendations (cont.)

Consider contributing FY-3 sounder data to the DBNet system.

- EUMETSAT already distribute FY-3C data and have started a trial feed for FY-3D MWHS-2 and MWTS-2. WMO-approved BUFR sequences are being used. HIRAS needs further scientific evaluation; this process has started.
- So far, no non-EUMETSAT stations have contributed data

To NOAA and CSPP team: support the creation of VIIRS products for nowcasting, similar to the existing MODIS products.

- No specific requests received by CSPP team. Discuss in WG.

To EUMETSAT: Provide the Metop-SG space to ground interface document, when it is available.

- The document is not yet available, but EUMETSAT are aware that it is required. They have started user preparation activities for Metop-SG.

Specific recommendations (cont.)

NOAA to provide information to the GRB community on downlink and software requirements for GOES-S (due for launch March 2018).

Support for CSPP-GEO should be continued for GOES-S.

- GOES-S (-17) launched 1st March 2019 (now at 137.2°W). NOAA has provided info to users via website and GRB User Group. GOES-17 is fully supported in CSPP Geo.

General recommendations (nothing specific to report)

- Work with NPROVS team to evaluate DB data
- L2 profile datasets are available for validation (NPROVS)
- GEO imager re-broadcast sequence (timely geolocation)
- Pre-launch test datasets to allow software testing
- Historical LUTs for CSPP SDR?
- Scripted retrieval of historic data in CLASS?
- CMA - subscription-based anomaly/event system?
- RFI reports to Richard Kelly
- Release source code for L1 & L2 packages
- Plans for supporting new operating systems and hardware requirements
- Publish L2 comparisons and report to ITSC