

# Products and Software Working Group

Review of past Action Items and  
Recommendations

ITSC21

## Actions from ITSC-20

Number	Description	Person	Status
PSWG-1	Review the draft <i>Guide to the DBNet</i>	All	Closed. Guide has been approved by CGMS.
PSWG-2	Review list of software packages on PSWG web page.	All	Closed. Doc was updated Aug 2016, a further update is due.
PSWG-3	Circulate FIDUCEO framework doc addressing errors in validation data, when available	Martin Burgdorf	Open
PSWG-4	Circulate Tech Memo on NEDT	Nigel Atkinson	Closed. Doc circulated Jan 2016.
PWSG-5	Provide samples of AMSU/MHS/HIRS BUFR data with NEDT included	Nigel Atkinson	Closed. Samples were provided Jan 2016. EUMETSAT are coordinating operational switch in Nov 2017.
PSWG-6	Implement in CSPP-GEO the algorithms to be made available by KMA	Graeme Martin and KMA	Open. Refers to GEO-KOMPSAT-2A. Final algorithm testing by KMA scheduled for June 2019. Not yet funded on the CSPP side.
PSWG-7a	Modify IAPP so that it does not rely on Metop-A AMSU chan 8	SSEC	Closed. IAPP v1.1 issued March 2017.
PSWG-7b	SSEC to look at improved bias correction in IAPP (ITSC-20 poster by Szuchia Moeller)	SSEC	Open: no funding at present.

## Recommendations from ITSC-20

Number	Description (summary)	To	Comment
1	Share products of the CIRAS demonstration project with appropriate science teams	NASA	CIRAS = CubeSat Infrared Atmospheric Sounder. <i>Mission cancelled by NASA</i>
2	Release instrument characteristics well in advance of launch	Agencies	
3	DB package for Meteor-M N2 series	Roshydromet	Nov 17: WMO have sent a letter to Roscosmos encouraging DB software for Meteor-M N2-1
4	Make future missions compatible with existing ground stations	Agencies	e.g. EPS-SG
5	Consider “cloud” data delivery methods, where appropriate, as alternative to DB	Agencies	
6	Make DBRTN data available in Asia Pacific region	NOAA and DBNet project	GTS delivery being worked on.
7	Consider possible additions to retransmission services: imager products, level 2 products, full hyperspectral content	Agencies	
8	More geographical coverage for GCOM-W1 DB, and release of software	JAXA	Currently: CONUS, Hawaii, Japan
9	Support creation of a processing package for MTG-IRS	EUMETSAT	Addressed by NWP SAF – see talk by N Atkinson
10	Develop instrumented ground sites for validation	Agencies	
11	Results of level 2 comparison studies to be published in open literature and presented at ITSC-21	Study participants	Any news?

## Recommendations from ITSC-20 (cont.)

Number	Description (summary)	To	Comment
12	Is there an unmet requirement for training course on applications of hyperspectral sounder products?	ITSC co-chairs	<p>1. ECMWF/EUMETSAT Workshop on Assimilation of Hyper-spectral Geostationary Satellite Observations (May 2017)</p> <p>2. EUMETSAT MTG-IRS level 2 dissemination project (summer 2017)</p>
13	ITWG members work with Vlab to promote training activities	ITWG members	
14	Support development of VIIRS flood product as part of CSPP	JPSS	See ITSC-21 poster by Nick Bearson
15	Support development of polar winds product as part of CSPP	JPSS	Not high priority at the moment for CSPP team – but it is technically feasible
16	Investigate feasibility of a VIIRS cluster analysis in CrIS footprint	NOAA	Planned for AAPP in 2018. NOAA will then consider incorporating in their BUFR products.
17	Clarify plans for distributing GOES-R data to users other than via GRB	NOAA	Google and Amazon are now hosting GOES-16 ABI data
18	Facilitate timely image generation for <i>regional subsets</i> (i.e. geolocation info must be available before or alongside the instrument data)	Agencies and DB system designers	This is a GOES-16 GRB issue. Harris are aware of it and may be able to change the transmission sequence.