

**WMO RA-3-4-SDR Teleconference (23rd)
26 September 2017, 13.00-14.30 UTC**

Attendees:

Hongming Qi (NOAA)
Dave Bradley (EC)
Luiz Machado (INPE)
Glendell de Souza (BCT)
Bryan Thomas (Trinidad & Tobago)
Diego Souza (INPE)
Estela Collini (SMN Argentina)
Marck Oduber (Aruba)
Kathy-Ann Caesar (CIMH)
Edison Cruz (Ecuador)
Jorge Chira (Peru)
Bernie Connell (CIRA)
Natalia Donoho (NOAA)

Main agenda items are:

- 1. Status of Actions**
- 2. Status of Training Plans**
- 3. AOB**

1. Status of Actions

ACTION 3.1: The Group to assist Members as needed in applying for access to the PDA.

INPE and SMN Argentina access and receive data via the PDA. The temporary freeze in accepting applications for accessing the PDA is still in force.

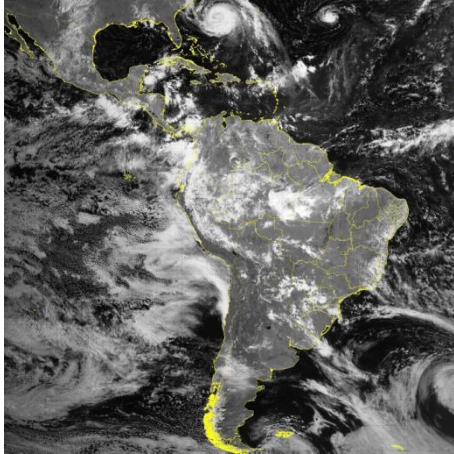
ACTION 3.2: The VLab CoEs to organize a training session in Spanish on accessing NOAA data through PDA and CLASS, once these routes are available.

Training material (ppt) available, user guide? Training required on how to order and customize products. B. Connell suggests that customization not easy to modify on the fly. Donna Macnamara (NOAA) has resources and material on PDA and its features.

ACTION 3.10: H. Qi to find training resources on the PDA within NOAA (Donna Macnamara) and organize together with B. Connell and INPE, SMN a training on using the PDA.

ACTION 3.3: INPE to set up an ftp site where basic imagery from three ABI channels would be made accessible in NRT for countries, on a temporary basis. - CLOSED

INPE are already providing an ftp site with 16 channels from GOES-16, in NetCDF, rectangular projection, every 15 minutes for the following domain:



Notes:

Paraguay, Argentina and Peru are already accessing the ftp site. Login instructions may be provided when requested. Band 2 is at 1km resolution but may be changed to 0.5 km if necessary. The domain may also be extended if necessary.

The GOES transition is in the final approval stage and will be made available by 30 September. RA-3-4-SDR will be kept informed.

ACTION 3.4: Diego Souza, Mitch Goldberg, and Hongming Qi to review the SDR requirements list in light of forthcoming JPSS data and products, and develop a proposal for replacing and adding JPSS-based data requirements for the Group at its teleconference in September 2017. - SUPERSEDED

ACTION 3.5: The Group to develop and discuss a proposal for new JPSS-based data and product requirements at its next teleconference in September 2017. -SUPERSEDED

ID#	GENERAL FILE INFORMATION					FREQUENCY AND SIZE		TIME REQUIRED		BANDWIDTH IMPACT		
	PROVIDER	PRODUCT GROUP	FILE DESCRIPTION	WL [µm]	FORMAT	FREQ. [min]	AVG. SIZE [kB]	SECONDS	MINUTES	DATA RATE [kb/s]	AVG %	TOTAL %
1	NOAA-NESDIS	VIIRS I BANDS	I1	0.600 - 0.680	NetCDF4	1440	8670000.00	5780.0000	36:20.00	802.77778	6.69	33.45
2	NOAA-NESDIS		I2	0.846 - 0.885	NetCDF4	1440	8670000.00	5780.0000	36:20.00	802.77778	6.69	
3	NOAA-NESDIS		I3	1.580 - 1.640	NetCDF4	1440	8670000.00	5780.0000	36:20.00	802.77778	6.69	
4	NOAA-NESDIS		I4	3.550 - 3.930	NetCDF4	1440	8670000.00	5780.0000	36:20.00	802.77778	6.69	
5	NOAA-NESDIS		I5	10.50 - 12.40	NetCDF4	1440	8670000.00	5780.0000	36:20.00	802.77778	6.69	
7	NOAA-NESDIS	VIIRS M BANDS	M13	3.973 - 4.128	NetCDF4	1440	2200000.00	1466.6667	24:26.67	203.70370	1.70	5.09
8	NOAA-NESDIS		M15	10.263 - 11.263	NetCDF4	1440	2200000.00	1466.6667	24:26.67	203.70370	1.70	
9	NOAA-NESDIS		M16	11.538 - 12.488	NetCDF4	1440	2200000.00	1466.6667	24:26.67	203.70370	1.70	
11	NOAA-NESDIS	VIIRS DNB	DNB	-	NetCDF4	1440	2170000.00	1446.6667	24:06.67	200.92593	1.67	1.67
13	NOAA-NESDIS	GCOM	Imagery	-	NetCDF4	1440	1340000.00	893.3333	14:53.33	124.07407	1.03	2.42
14	NOAA-NESDIS		Ocean	-	NetCDF4	1440	600000.00	400.0000	06:40.00	55.55556	0.46	
15	NOAA-NESDIS		Precipitation	-	NetCDF4	1440	290000.00	193.3333	03:13.33	26.85185	0.22	
16	NOAA-NESDIS		Sea Ice	-	NetCDF4	1440	570000.00	380.0000	06:20.00	52.77778	0.44	
17	NOAA-NESDIS		Snow	-	NetCDF4	1440	180000.00	120.0000	02:00.00	16.66667	0.14	
18	NOAA-NESDIS	Soil Moisture	-	NetCDF4	1440	150000.00	100.0000	01:40.00	13.88889	0.12		
20	NOAA-NESDIS	MIRS	Sounding	-	NetCDF4	1440	2900000.00	1933.3333	32:13.33	268.51852	2.24	2.48
21	NOAA-NESDIS		Imagery	-	NetCDF4	1440	320000.00	213.3333	03:33.33	29.62963	0.25	
23	NOAA-NESDIS	NUCAPS	-	-	NetCDF4	1440	2700000.00	1800.0000	30:00.00	250.00000	2.08	2.08

NOTE: The full globe imagery size was already divided by 3, so we have an estimate for the GOES-East Footprint
 NOTE: JPSS should use 20% of the BW

TOTAL (%)	47.20
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This is work in progress. VIIRS level1 bands estimated to take up more than 30% of GNC-A bandwidth (without full geolocation file). This is the size of the global dataset divided by three (Americas). Derived products take up less than 10%. JPSS data can only take up to 20% on GNC-A due to budget allocation.

Legacy products such as on SST, TPW, vegetation index should also be considered. The table should be updated in this regard.

ACTION 3.4. and 3.5 superseded by new ACTION 3.11: H. Qi and D. Souza to update JPSS data load table, and Group to use JPSS-related list of data and products for expressing priorities regarding future availability of VIIRS channels on GNC-A – by November 2017.

ACTION 3.6: EUMETSAT to provide the latest list of EUMETCast-Americas receiving stations to the Group.

WMO to send a reminder to EUMETSAT. Two new stations were converted from EUMETCast-A to GNC-A in Guatemala and Brazil.

ACTION 3.7: G. de Souza to coordinate a poll among Members in RA III and RA IV on their satellite-related training needs, through the WMO Presidents of the Region. - CLOSED

Completed, contributed to training need compilation.

ACTION 3.8: WMO to inform the Group about its plans to organize a RTC meeting in the Region in late 2017. - CLOSED

The 13th WMO Symposium on Education and Training (SYMET-XIII) held in Barbados 30 Oct - 1 Nov 2017, and the meeting of Directors of WMO Regional Training Centres (RTC) on 2 Nov 2017: <https://public.wmo.int/en/events/meetings/thirteenth-wmo-education-and-training-symposium-symet-13-and-meeting-of-rtcs>

The VLab contact point in CoE Argentina will present, as will Kathy-Ann Caesar, VLab co-chair.

ACTION 3.9: In a Group teleconferences, to focus on the Unidata LDM, and on the DCS system (in Spanish). Scott Rogerson (NOAA DCS manager) should be involved.

No progress, enquire with Martial Garbanzo (Costa Rica) and N. Donoho (NOAA) on next steps. WMO ETR is planning to fund a LDM server at CoE Costa Rica. Need to find out to what extent GOES-16 data are available through LDM.

ACTION 3.12: Martial Garbanzo to inform Group about plans to make GOES-16 data available over LDM.

Questions on continuing HRIT/EMWIN for GOES-15 should be addressed to : seth.clevenstine@noaa.gov

2. Status of Training Plans

Compilation of training needs in response to letter from J. Baez (RA III), draft in Spanish, for several countries in South America. Some countries did not answer (Colombia, Uruguay, others). El Salvador, Cayman Islands, T&T, Canada training plans and needs received by Kathy-Ann Caesar.

Access to PDA through webinar needs to be organized.

Develop a Region-based plan and specific training proposal, for attention by NOAA. Relationship of plans to NOAA International Training programme and its panel needs to be clarified. Work towards twice annual events in the Region in various countries, plan to be finalized by end-2017.

ACTION 3.13: NOAA (N. Donoho) to inform about format and deadline for such a proposal, to be taken into consideration by the NOAA international training programme.

The NOAA Request Form should be used to communicate the Region's needs to NOAA.

Plans of Maria Ines Campos is new VLab responsible for CoE Argentina, and will take the lead on CB activities. Planning of November seminar for forecasters in Buenos Aires underway, led by Jose Galvez.

There are three fields of training: forecasting, transition, hardware & software application. The summary of training needs and gaps of the Region should be finalized by 30 November 2017.

ACTION 3.14: E. Collini, with assistance from Training Task Team, to complete compilation of training needs by 30 Nov 2017.

3. AOB

None raised.

4. Next teleconference

21 Nov 2017, 13.00 UTC