

WORLD METEOROLOGICAL ORGANIZATION

IPET-SUP-1/INF 9.3
(10.III.2015)

COMMISSION FOR BASIC SYSTEMS
OPEN PROGRAMME AREA GROUP ON INTEGRATED OBSERVING SYSTEMS

INTER-PROGRAMME EXPERT TEAM ON SATELLITE UTILIZATION AND
PRODUCTS

ITEM: INF 9.3

FIRST SESSION

Original: ENGLISH

GENEVA, SWITZERLAND, 16-19 MARCH 2015

1st RA III/IV Coordination Group Meeting at NOAA Satellite Conference 2015

(Luiz A. T. Machado, David Bradley and Secretariat)

Summary and Purpose of Document

This document presents a proposed agenda for the First Meeting of the Coordination Group on Satellite Data Requirements in Region III and IV to be held on 27-28 April 2015 at the fringes of the NOAA Satellite Conference 2015; it provides an overview of the planned activities during the Conference related to the Coordination Group.

ACTION PROPOSED

The session is invited to:

- (a) Evaluate the agenda and propose adjustments;
- (b) Define the speakers of each topic;
- (c) Define the expected achievements of the meeting.

Appendix A: NOAA Satellite Conference 2015 – Draft Agenda.

Appendix B: WMO Invitation Letter to First Meeting of the Coordination Group on Satellite Data Requirements in Region III and IV on 27-28 April 2015

DISCUSSION

The NOAA 2015 Conference will be held in Greenbelt, MD, USA from 27 April to 1 May 2015. During this period, several activities related to satellite data users in Region III and IV are scheduled:

- 25-26 April 2015: WMO/NOAA VLab Training Event on GEONETCast
- 27-28 April 2015: First Meeting of Coordination Group on Satellite Data Requirements in Region III and IV (27 April: 9.00-12.00; 28 April: 17.30-19.30)
- 27 April – 1 May 2015: NOAA 2015 Satellite Conference (starting at 13.00 on 27 April)

This document presents the draft NOAA Conference agenda, a draft of the Coordination Group on Satellite Data Requirements (SDR) meeting agenda as a starting point for discussion during the IPET-SUP meeting. More detail on SDR activities is provided in IPET-SUP-1/Doc.5.2.3.

The draft agenda of the NOAA Satellite Conference 2015 is described in the Appendix A (version 21 January). In the agenda there are several activities related to the SDR. On the weekend (25 and 26 April), a WMO/NOAA Vlab Training Session is scheduled, with presentations and classes about GEONETCast, nowcasting and practical classes about the use of GeoTIFF format images. The final agenda is still being prepared.

The WMO invitation letter to the First Meeting of the SDR group and related events is presented in Appendix B. Besides the invitation to the meeting, the letter presents a brief description of the achievements of the Group and asks for additional nominations to the Group by Members in RA III and IV. These new expected nominations will increase the regional representation and participation (the current composition of the Group is provided in IPET-SUP-1/Doc.5.2.3).

For the First Meeting, the following topics of discussion as well the following speakers are suggested:

- Introduction and Adoption of Draft Agenda - WMO Secretariat and NOAA representative
- Group Terms of Reference and Review of Activities – WMO Secretariat
- Perspectives of Presidents of RA III (and IV) – Presidents of RA III and IV
- Confirmation of designated co-chairs – WMO Secretariat
- User Requirements for Satellite Data: Status and Evolution – Luiz Machado
- Satellite systems of relevance to the Region – Estela Collini (and NOAA?)
- Reception and distribution of data in Region – Paul Seymour and Sally Wannop
- GeonetCast Evolution structure and the SDR – Eric Madsen
- Training, with focus on new-generation satellites – Kathy-Ann Caesar
- Mechanism of implementation and continued evaluation of the Satellite Data Requirements (Discussion).

In the NOAA Conference agenda, on Tuesday morning at 9:00 to 9:20 there is a RAIII and RAIV presentation that will describe the Regional activities. Finally, on Thursday morning, two 15 minutes presentations to the Conference will describe VLab activities and a report from the First SDR Meeting.

Appendix A

NOAA Satellite Conference 2015 Draft Agenda

Last Updated on: 1/21/15

Day	Time (EDT)	Duration	Topic/Title
Wednesday April 22 – Saturday, April 25, 2015		4 Days	GOES DCS Users Meeting / Tentative - NCWCP
Saturday April 25, 2015		All Day	WMO Vlab Training Session / Tentative - Hotel Location
Sunday April 26, 2015		All Day	WMO Vlab Training Session / Tentative - Hotel Location
Monday April 27, 2015	9:00 AM - 12:00 PM		WMO Satellite Data Requirements Group - Hotel Location
	1:00 PM		Opening Session
	1:00 PM	0:20:00	Opening Keynote
	1:20 PM	0:20:00	Special Guest Speaker - NESDIS
	1:40 PM	0:20:00	Special Guest Speaker - NWS
	2:00 PM	0:20:00	Highlights since NSC 2013
	2:20 PM	0:30:00	Break
	2:50 PM	0:20:00	Special Guest Speaker - EUMETSAT
	3:10 PM	0:20:00	International Satellite Provider 1 (Invited Talk)
	3:30 PM	0:20:00	International Satellite Provider 2 (Invited Talk)
	3:50 PM	0:20:00	International Satellite Provider 3 (Invited Talk)
	4:10 PM	0:20:00	International Satellite Provider 4 (Invited Talk)
	4:30 PM	0:20:00	Keynote Address - WMO
	4:50 PM	0:10:00	Wrap-up
	5:00 PM		End of Day 1
	5:30 PM		Icebreaker
Tuesday April 28, 2015			Session 1
	9:00 AM	0:20:00	RA III or IV talk
	9:20 AM	0:15:00	Current GOES
	9:35 AM	0:15:00	Future GOES-R
	9:50 AM	0:15:00	GOES and GOES-R joint operations
	10:05 AM	0:25:00	Q&A with Session 1 speakers

	10:30 AM	1:00:00	Break and Poster Viewing
	11:30 AM		Session 2
	11:30 AM	0:15:00	GLM
	11:45 AM	0:15:00	ABI
	12:00 PM	0:15:00	User (TBD) Talk
	12:15 PM	0:15:00	Q&A with Session 2 speakers
	12:30 PM	1:15:00	Lunch
	1:45 PM		Session 3
	1:45 PM	0:15:00	Status of POES/SNPP and JPSS
	2:00 PM	0:15:00	VIIRS Applications
	2:15 PM	0:15:00	CrIS and ATMS Applications
	2:30 PM	0:15:00	OMPS Applications
	2:45 PM	0:30:00	Q&A with Session 3 speakers
	3:15 PM	1:00:00	Break and Poster Viewing
	4:15 PM		Session 4
	4:15 PM	0:15:00	International use of S-NPP
	4:30 PM	0:15:00	DoD
	4:45 PM	0:15:00	User (TBD) Talk
	5:00 PM	0:15:00	Q&A with Session 4 speakers
	5:15 PM		End of Day 2
Tuesday April 28, 2015	5:30 - 7:30 PM	2 hours	WMO SDR Committee Meeting (Invitation only)
Wednesday April 29, 2015			Session 1
	9:00 AM	0:20:00	RA III or IV talk 2
	9:20 AM	0:15:00	JPSS products and capabilities
	9:35 AM	0:15:00	JPSS: SBN (AWIPS products)
	9:50 AM	0:15:00	JPSS: direct broadcast
	10:05 AM	0:15:00	POES to JPSS Ground Station transition
	10:20 AM	0:10:00	Q&A with Session 1 speakers
	10:30 AM	1:00:00	Break and Poster Viewing
	11:30 AM		Session 2
	11:30 AM	0:15:00	GOES-R products and capabilities

	11:45 AM	0:15:00	GOES-R direct broadcast (GRB, HRIT/EMWIN)
	12:00 PM	0:15:00	GOES-R CSPP (Community Satellite Processing Package)
	12:15 PM	0:15:00	Q&A with Session 2 speakers
	12:30 PM	1:15:00	Lunch
	1:45 PM		Session 3
	1:45 PM	0:30:00	Product Distribution and Access (PDA)
	2:15 PM	0:15:00	CLASS access
	2:30 PM	0:15:00	User Talk (CLASS or PDA User)
	2:45 PM	0:15:00	Q&A with Session 3 speakers
	3:00 PM	1:00:00	Break and Poster Viewing
	4:00 PM		Session 4
	4:00 PM	0:15:00	Geonetcast Americas (GNC-A)
	4:15 PM	0:15:00	Eumetsat Third Party Data Services
	4:30 PM	0:15:00	GOES DCS
	4:45 PM	0:15:00	User Talk
	5:00 PM	0:15:00	Q&A with Session 4 speakers
	5:15 PM		End of Day 3
	6:00 PM		NO HOST Dinner
Thursday April 30, 2015			Session 1
	9:00 AM	0:15:00	COMET
	9:15 AM	0:15:00	VISIT
	9:30 AM	0:15:00	NWS Satellite Training Plan
	9:45 AM	0:15:00	NOAA Satellite Proving Ground training
	10:00 AM	0:15:00	Education talk (K-12)
	10:15 AM	0:15:00	Q&A with Session 1 speakers
	10:30 AM	1:00:00	Break and Poster Viewing
	11:30 AM		Session 2
	11:30 AM	0:15:00	EUMETSAT satellite training
	11:45 AM	0:15:00	WMO satellite training and WMO VLab for satellite training
	12:00 PM	0:15:00	SDR Update
	12:15 PM	0:15:00	Q&A with Session 2 speakers

	12:30 PM	1:15:00	Lunch
	1:45 PM		Session 3
	1:45 PM	0:15:00	DSCOVR (& follow-on)
	2:00 PM	0:15:00	JASON-3 (& JASON-CS)
	2:15 PM	0:15:00	SIDAR: TSIS, Argos (A-DCS), and SARSAT
	2:30 PM	0:15:00	Argos-3 to Argos-4
	2:45 PM	0:15:00	SARSAT: LEO to MEO
	3:00 PM	0:15:00	Q&A with Session 3 speakers
	3:15 PM	1:00:00	Break and Poster Viewing
	4:15 PM		Session 4
	4:15 PM	0:30:00	Frequency session (L-band and auction update)
	4:45 PM	0:30:00	Frequency interference update
	5:15 PM	0:15:00	Q&A with Session 4/End of Day speakers
	5:30 PM		End of Day 4
Friday May 1, 2015			Closing Session
	9:00 AM		<i>Meeting our Nation's Challenges: Socio-Economic Benefits of Environmental Satellites</i>
	9:00 AM	0:10:00	Session overview and intro
	9:10 AM	0:10:00	NWS perspective
	9:20 AM	0:10:00	National Defense benefits/impacts
	9:30 AM	0:10:00	DHS-US Coast Guard benefits/impacts
	9:40 AM	0:10:00	FAA perspective
	9:50 AM	0:10:00	Commercial weather providers
	10:00 AM	0:10:00	Surface Transportation benefits/impacts
	10:10 AM	0:50:00	Panel discussion and audience Q&A
	11:00 AM	0:30:00	Break
	11:30 AM	0:45:00	Conference Summary/Action Items
	12:15 PM	0:15:00	Closing Remarks
	12:30 PM		End of Conference

Appendix B

WMO Invitation Letter (March 2015)

Subject: Coordination Group on Satellite Data Requirements for RA III and IV: Invitation to first meeting on 27-28 April 2015 in Greenbelt, MD, USA, together with NOAA 2015 Satellite Conference (27 April – 1 May 2015) and WMO/NOAA VLab training event (25-26 April 2015)

To: Permanent Representatives of RA III and RA IV (or Directors of Meteorological or Hydrometeorological Services) of Members of WMO (PR-0000)

cc: Hydrological Advisers to Permanent Representatives)
 Mr Frederick R Branski, President of CBS)
 Lic. Julián BÁEZ, President of RA III)
 Mr Juan Carlos Fallas Sojo, President of RA IV)
 WMO Regional Office for the Americas)
 Dr Leonel F. Perondi (Director, INPE)) (for information)
 Mr José Raimundo Braga Coelho (President Agência Espacial Brasileira))
 Dr Conrado F Varotto (Executive Director, CONAE))
 Dr Steven Volz, Assistant Administrator for Satellite and Information Services,))
 (NOAA/NESDIS))
 Mr Alain Ratier (Director-General, EUMETSAT))

Dear Sir/Madam,

The WMO Coordination Group on Satellite Data Requirements for RA III and IV has been recognized at the 16th sessions of Regional Associations III and IV held in 2014 and 2013, respectively, as a standing regional mechanism to document user requirements for satellite data access and exchange, and to foster the dialogue between users and satellite operators. This is critical to improve the utilization of satellite data for weather, climate, water and related environmental services. EC-65 (2013) through Resolution 12 recommended the establishment of such mechanisms in all Regions.

In RA III, the Group collaborates with the Sub-Group on Observation Systems under the Working Group on Infrastructure and Technological Development. Within RA IV, the Group serves as an advisory group to the RA IV Task Team on WIGOS and WIS Implementation. Annex I contains Terms of Reference of the Group, and Annex II its current composition.

In 2014, the Group achieved important results: it provided a coordinated response to a NOAA proposal for additional geostationary image scans over South America from GOES-13 (East) during rapid scanning operations, mitigating the loss of GOES-12 (see Annex III for details); it commissioned a survey among satellite data users in the Region, and agreed on validated set of regional requirements for satellite data and products (more information: <http://satellite.cptec.inpe.br/geonetcast/es/datareq.html>).

With the goal to further strengthen the Group and improve representation of Members, I draw your attention to the following:

Nomination of members: only seven out of 39 Members of RA III and IV are currently represented in the Coordination Group; in order to effectively meet the requirements for satellite data access and exchange of your country, I encourage you to nominate a representative for your country to the Group.

First meeting of the Group on 27-28 April 2015: This meeting is planned in conjunction with the NOAA Satellite Conference held on 27 April – 1 May 2015 in Greenbelt MD, USA. The Group will meet in the morning of 27 April, and in the late afternoon of 28 April 2015. A WMO VLab-

sponsored training event on GEONETCast-Americas and preparation to GOES-R is also planned, on 25-26 April 2015. A draft agenda for these events is provided in Annex IV.

I wish to invite your nominated member on the Group to participate in all these meetings (NOAA Conference, Coordination Group meeting, and VLab training event) and should be grateful if you would agree to his/her attendance. It is hoped that the cost of participation will be borne by the Government of your country. If however it is not possible for your Government to meet all of the expenses for his/her attendance, WMO is prepared to consider upon request providing financial support which may consist of travel cost (most economic fare according to the most direct route) and/or per diem.

More information about the Conference and related events is available at <http://satelliteconferences.noaa.gov/2015/>. Nominated participants are encouraged to register online (for free) at their earliest convenience, but no later than **20 March 2015**.

In order to clarify WMO's insurance coverage for non-staff members, I should like to draw your attention to the following:

“The Organization accepts limited responsibility for compensation in the event of death, illness or injury attributable to the attendance at meetings or the performance of services, on behalf of the Organization, by non-staff members of the Organization who are authorized to travel at its expense and/or who are receiving a daily subsistence allowance. These persons are therefore fully responsible for any expenses incurred as a result of events which are not attributable to attendance at meetings or the performance of services on behalf of the Organization and for arranging such life, health and other forms of insurance as they consider appropriate”.

For administrative purposes, I should be grateful if you would kindly notify the WMO Secretariat (Ms Mireille Herin, mherin@wmo.int) by no later than **31 March 2015**, the name of your nominee, whether he/she will be able to attend the meetings in Greenbelt, and if so, whether support for travel and/or per diem will be required.

(Signed) WMO Secretary-General