

CBS Management Group Teleconference

(13 June 2017 2017, 11:00 to 13:00 UTC)

Management Group members:

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Agenda:

1. Outcome of EC-69 per CBS perspective
2. Plan B of CBS Ext.(2018), TECO
3. Any other business

DISCUSSION

1. Outcome of EC-69 per CBS perspective

CBS President reported on the outcome of EC-69, which was quite successful from a CBS perspective and all the draft Recommendations and Decisions submitted by CBS per outcome of CBS-16:

2. EC-69 adopted Decision on the WMO Global Multi-Hazard Alert system (previously called the Global Meteo Alarm System (GMAS)) with some adjustments to the initial draft Decision to make it acceptable to all Members. There will be two Working Groups established, one dealing with users and governance aspects and led by the RA-VI President, Mr Ivan Cacic, and one technical Working Group chaired by the CBS vice-President. The MG is confident that things will develop and work effectively.
3. WIGOS discussion went very well. There was strong ongoing support and a few changes were proposed to documents, nothing of real consequence.
4. Regarding Public Private Engagement, there is the need to be more pro-active and engaging with the Private Sector. Some concerns were expressed during EC-69 and a breakout group was set up to resolve them. It was agreed that WMO needs to show some leadership, and it will continue to work on the policy framework (efforts currently underway), and will look at some priority elements. On data, some concerns about commercialization of data were expressed (e.g. GNSS radio-occultation data), and it was agreed that some guidance to Members was needed from WMO. CBS views on this issue will therefore be needed. Some discussion also took place on the implications of WMO being the authoritative voice with regard to relevant data. Efforts will be made in the next few months, engaging with HMEI as one representative of the private sector, the World Bank, and some events of interest.
5. There has been much discussion around the WMO Constituent Bodies reform. Developing countries were concerned that they might be excluded from contributing to WMO with the proposed options debated at EC-69, and EC was considering going towards a more phased approach. Two sessions of EC-SOP are planned in October 2017 then March 2018, and will focus on the reform. Side discussions were organized with Presidents of PTCs, the President of WMO and Secretary General to feed into this discussion. On the issue of Hydrology and Water, RA-III expressed concerns about moving away from the current CHy construct while about two thirds of NMHSs don't have hydrology in their mandate, and CHy provides for the primary mechanism for WMO to deal with hydrology. The two-Technical Commissions model (on basic infrastructure, and weather & climate services) with a science advisory panel is getting relatively strong support, but a phased approach is desirable.
6. There is a strong move towards more collective work between the Technical Commissions (in particular with CBS, CAS, CHy, and CCI). There will also be a broadening of the "Service delivery" aspects of all TCs under the leadership of OPAG DPFS and PWSO.
7. On the GNSS radio-occultation issues, the Management Group noted that this is an evolving issue in the USA. Demonstrable capability is first needed in order to make progress. Technology and capability with the private sector will continue to evolve, and it is likely that at some stage the private sector will have capability to meet the needs of WMO. This will have to be discussed within WMO at that stage, with possible redefinition of the business model (who owns the data, how can the data be shared with the user community, incl. Research, what are the rights of WMO Members with regard to using the data). Several Members have received invitations from Spire inviting discussions on acquiring commercial RO data.

Australia is likely to respond that it has no wish to engage with Spire since it is already partnering with NOAA on COSMIC-2. The Enterprise and Members need clear guidance from WMO on the policy issues. IPET-SUP has done some work on defining critical data under Res. 40 (Cg-12). It was noted that the benefits will fall on all countries and not just the countries running NWP centres. Best Practices on how to make data available to Members and users have to be developed. CBS MG may be willing to lead development of such guidance material. CGMS should also be aware of IPET-SUP report and be involved in further developments in this regard, including with regard to Space Weather data. Anthony Rea will circulate the IPET-SUP document with MG members for the Group's feedback (**action; A. Rea; asap**). Paul Davies will also be seeking feedback from UK Metoffice on the GNSS radio-occultation issue (**action; P. Davies; asap**).

8. Delegates to EC-69 emphasised the need to review the annex of Res. 40 (Cg-12) and revisit the examples given for essential data. Required efforts will link to the CBS lead review on emerging data issues.
9. The GDPFS Side meeting was well attended with participation of CAS President. EC-69 requested the EC Steering Group on Seamless DPFS to develop a detailed implementation plan, in alignment with the existing ongoing development of WIS and WIGOS through consultations with regional associations and technical commissions, for consideration by EC-70. Additional centres were endorsed for designation. EC-69 approved Recommendation 22 (CBS-16) for the formal designation of new WMCs¹. This brings total number of WMCs to 8. SG on Seamless GDPFS meeting will take place. OPAG DPFS ET meetings will also come up with proposed recommendations and decisions for Cg-18.

An informal meeting of the Management Group (MG) also took place on side of EC-69. The minutes of this meeting are provided in **Annex 3**.

10. Plan B of CBS Ext.(2018), TECO

By EC-69 withdrawing draft Decision on CBS Ext.(2018), the Group noted and accepted that EC-69 did not effectively approve organization of CBS Ext.(2018).

An informal meeting was organized on side of EC-69 to discuss implications, recognizing that some intergovernmental mechanism is needed to come up with WMO Decisions and Resolutions on some critical issues for which regulatory and guidance material need to be adopted by EC-70 and Cg-18, including:

- (i) Evolution of WMO Information System and Manual on WIS Part C Information Management,
- (ii) WIGOS, including Regional Basic Observing Network (RBON), WIGOS Data Quality Monitoring System (WDQMS), Integration of GOS material in WIGOS Manual & Guide,
- (iii) Service delivery,
- (iv) Life cycle data management,
- (v) Seamless Global Data Processing and Forecasting System,
- (vi) CBS [technical] governance and more effective engagement with Regional Associations, and
- (vii) Likelihood of more updates to support Aviation.

The Management Group concurred with the following plan:

¹ (i) RSMC for Atmospheric Sand and Dust Storm Forecasts (ASDF): RSMC-ASDF Beijing (RA II), (ii) Regional Climate Centre (RCC): RCC Intergovernmental Authority on Development (IGAD) hosted by the IGAD Climate Prediction and Applications Centre (ICPAC) (RA I), RCC-Network Northern Africa (RA I), RCC Pune (RA II), RCC-Network Southern South America (RA III), and RCC Caribbean hosted by the Caribbean Institute for Meteorology and Hydrology (CIMH) (RA IV);, and (iii) Global numerical long-range prediction (known as Global Producing Centre for Long-range Forecasts (GPCLRF)): GPCLRF Offenbach.

1. TECO to be organized in Geneva in March 2018, prior to EC-70. The TECO shall focus on the critical issues above. Clear Recommendations would be made by TECO by the presenters on the focus topics. Each OPAG will be given 1 day of the TECO.
2. Extended CBS Management Group meeting to be organized in conjunction with TECO (one day following TECO). The meeting shall include ET Chairs who have interest in the above issues. Presidents of Regional Associations to also be invited. The meeting will review Recommendations of TECO, and consolidate them.
3. Webinar may be organized with the Presidents of RAs to inform them about the process and to get their feedback.
4. In Jan. 2018, PTC meeting shall be informed of the process.
5. Some of the proposed Recommendations may be submitted as early as EC-70. The remaining ones to Cg-18. EC-70 Recommendations would be adopted subject to subsequent consultation and approval of CBS in writing.
6. ICT of OPAG meetings to be organized at least one month prior to TECO.
7. OPAG chairs, with assistance from the Secretariat (i.e. the Chiefs in charge) shall then define their work plans for the period from now to EC-70.
8. Secretariat to make sure that proposed recommendations and decisions will be translated.

However, the Group realized that there are some risks of not getting some legal decisions going forward, and insisted that we should make sure that we are not violating the WMO Convention and that the proposed Recommendations and Decisions will be valid.

The above plan will also be a challenge for the OPAG to comply with the deadlines, e.g. with regard to incorporating GOS regulatory and guidance material in WIGOS material.

Work and consultation will have to be organized with Members to make sure that the processes are well understood, and that we'll be in a position to receive sufficient feedback. The Group noted that 6 months or more will be needed prior to Congress for allowing preparatory documents to be submitted.

The Group agreed that we should prioritize the issues to be submitted to TECO in March 2018. It requested the OPAGs to develop and prioritize their work plan until TECO, to focus on the top priority draft Recommendations and Decisions to be discussed at the TECO (**action; OPAG Chairs; asap**).

11. Any other business

- The Group requested the Secretariat to provide a map meetings of TCs (**action; Secr.; asap**).
- The Group noted efforts in the DRR area by RA-V, RA-II, and other organizations concerning the Pacific Basin region. These efforts essentially involve framing strategy and requirements from a services perspective to drive solutions engaging with multiple users and actors. Funding agencies are willing to get clarity on long term strategies. OPAGs were invited to look at how they can fit or contribute to such strategy (**action; OPAG Chairs; end 2017**).
- The CBS Lead Review meeting is September, will be looking at making progress and aligning with the TECO schedule. Work will be done around the Res. 40 (Cg-12) annex. Sue Barrell will also participate in EC-SOP as Dr Johnson's representative.
- The Group realized that the nomination of Mr Hilawe Semunegus (NOAA/NCEI, USA) as new Associated Member of the IPET-OSDE had been forgotten when the Management Group decided on the CBS Teams membership earlier this year. It

agreed to correct this mistake by posting a revision of the CBS Management Group Final Report with addition of this name in the corresponding annex (**action; Secr.; asap**).

Action items arising from this teleconference are listed in **Annex 1**.

Status of pending actions from previous teleconferences is given in **Annex 2**.

Minutes of the informal meeting of the Management Group (MG) which took place on side of EC-69 are provided in **Annex 3**.

**ANNEX 1
SUMMARY OF ACTION ITEMS FROM THE TELECONFERENCE**

Meeting	No.	Action Item	By	Deadline	Status
Teleconf. 20170613	1	to circulate the IPET-SUP document on critical data under Res. 40 (Cg-12) with MG members for the Group's feedback	A. Rea	asap	
Teleconf. 20170613	2	to seek feedback from UK Metoffice on the GNSS radio-occultation issue	P. Davies	asap	
Teleconf. 20170613	3	OPAGs to develop and prioritize their work plan until TECO, to focus on the top priority draft Recommendations and Decisions to be discussed at the TECO	OPAG Chairs	asap	
Teleconf. 20170613	4	to provide a map meetings of TCs	Secr	asap	
Teleconf. 20170613	5	OPAGs to look at how they can fit or contribute to DRR strategy for Pacific Basin	OPAG Chairs	end 2017	
Teleconf. 20170613	6	To post revision of CBS MG Report for correcting IPET-OSDE membership in relevant annex	Secr.	asap	

ANNEX 2
PENDING ACTION ITEMS FROM PREVIOUS CBS-MG MEETINGS AND TELECONFERENCES

Meeting	No.	Action Item	By	Deadline	Status
Teleconf. 20170418	1	To discuss organization and preparations of EC-69 side event on Seamless GDPFS with the OPAG-DPFS co-Chairs	Y- Honda P. Davies	30 Apr. 2017	Done
Teleconf. 20170418	2	To invite President of CAS at the EC-69 side event on Seamless GDPFS to present on the state of science supporting seamless GDPFS	Secr./WDS	asap	Done
Teleconf. 20170418	3	To review and comment the GMAS document for EC-69, which is about to be posted on the Website	MG	asap	Done
Teleconf. 20170418	4	To discuss organization and preparations of EC-69 side event on GMAS with fred Branski	Secr./WDS	30 Apr. 2017	Done
Teleconf. 20170418	5	To review EC-69 Document D05.1(1) on WIGOS and provide feedback to Sue Barrell	MG, A. Rea, J. Dibbern	asap	Done
Teleconf. 20170418	6	To organize a Doodle poll in order to identify the most suitable time for organizing an EC-69 side meeting of the Management Group	Secr./OBS	asap	Done
Teleconf. 20170418	7	To review, correct/update the draft CBS Operating Plan 2016-2019 and complete KPIs	OPAG Chairs	3 May	Request sent by President 19 April.
Teleconf. 20170418	8	To circulate the draft CBS Operating Plan 2016-2019 document to the Group for its review	Secr./OBS	asap	Sent by President 19 April.
Teleconf. 20170418	9	To follow up with OPAG-ISS co-Chairs on any required issue to be considered by the Management Group	M. Jean	asap	
Teleconf. 20170418	10	To invite the Chairs of OPAG-DPFS and OPAG-IOS to be invited for teleconference with chairs of SG-RFC and IPT-SWeISS	Secr./OBS+WD S	asap	
Teleconf.	11	To organize a teleconference of the MG in June	Secr./OBS	June 2017	Done

20170418		2017 in order to review EC-69 Decisions and Guidance and plan CBS work further			
MG-17/3	1.	CBS President to inform CBS members in writing about the decision to accept the Coordinator on Emerging Data Issues, Dr Sue Barrell (Australia) as Associate Member of the Management Group	M. Jean	asap	Pending
MG-17/4.1.1	2.	OPAG-IOS chair with assistance from Secretariat to draft CBS President letter to JCOMM and CHy for seeking their nominations for representing the two Commissions in IPET-SUP	A. Rea, Secretariat (OBS)	asap	Guidance on letters provided to Secretariat
MG-17/4.1.1	3.	CBS President to write to the Presidents of JCOMM and CHy in order to seek nominations for representing the two Commissions in IPET-SUP	M. Jean	asap	Pending from action 2, 44
MG-17/4.1.2	4.	OPAG-IOS to review the various Implementation Plans (EGOS-IP, GCOS, GCW, GFCS, GAW) and prepare a synthesis document for the Members to understand what CBS is doing to address these various plans	A. Rea	April 2018	To be discussed at ICT-IOS Teleconference, 26 April 2017
MG-17/4.3.1	5.	Secretariat to contact related Permanent Representatives to seek the formal nomination of the proposed experts who had not been nominated so far	Secretariat	asap	Underway Note: A couple of Chinese experts were not nominated. PR to be informed. Guidance needed on nomination of experts from the private sector
MG-17/4.3.1	6.	Secretariat was requested to check approval with CAeM regarding IPT-SWeISS membership	Secretariat (WDS)	asap	
MG-17/4.3.1	7.	OPAG-DPFS Co-chairs to identify the membership for the two OPAG-DPFS Task Teams and submit its list to CBS President for approval	Y. Honda & P. Davies	asap	Ongoing
MG-	8.	OPAG-DPFS Co-chairs to identify the membership for the four Task Teams under ET-	Y. Honda & P.	asap	Ongoing

17/4.3.1		OWFPS and submit its list to CBS President for approval	Davies		
MG-17/4.3.1	9.	OPAG-DPFS Co-chairs to confirm the appointment of Mr Tupper (BoM) as Chair of TT-Guide with the PR of Australia.	Y. Honda , P. Davies & S. Barrell	asap	No agreement yet BOM needs to understand workload; things will also depend on timing. Yuki and Sue to discuss
MG-17/4.5	10.	CBS President to inform the Presidents of regional associations about the membership of CBS concerning their respective regions	M. Jean	end March 2017	
MG-17/4.5	11.	Secretariat to update database according to the decision of the MG, and to publish the membership on the Website	Secretariat (OBS)	end March 2017	Database updated Web to be updated
MG-17/4.5	12.	Secretariat to update the CBS-16 report (editorial changes) with the agreed team memberships	Secretariat (OBS)	end March 2017	
MG-17/5.1	13.	OPAG-PWSD to prepare a concept note which would distil the Service Delivery concepts in the context of the work of the other three OPAGs, and then work with the OPAG chairs to map their user engagement processes against the principles of Service Delivery	G. Fleming	end 2017	
MG-17/5.2(1)	14.	President CBS in consultation and collaboration with Chair OPAG-PWSD, PTC Meeting 2018 to develop a viable approach to achieving progress in the implementation of the WMO Strategy for Service Delivery according to the steps outlined in Annex IX of CBS-MG-17 report	M. Jean	end 2017	
MG-17/5.2(2)	15.	To enhance efforts for more rapid realization of impact-based forecast and warning services through the development of a strategy for implementation of such services through the	G. Fleming	end 2017	

		ET/IMPACT of OPAG/PWSD			
MG-17/5.2(3)	16.	To collaborate with other on-going efforts in WMO in order to integrate and harness new and emerging science and technology for the improvement of service delivery	G. Fleming	end 2017	
MG-17/5.2(4)	17.	OPAG/PWSD to collaborate with the WMO Education and Training Programme to prepare relevant guidance and appropriate training materials for Members on the implementation of competency requirements based on the PWS Competency Framework, to enable timely implementation of the Recommended Practices appropriate to PWS forecasters and advisors	G. Fleming	end 2017	
MG-17/5.2	18.	Secretariat and the CBS President to investigate this opportunity of CBS being represented at the WMO International Workshop on Climate Services Information System (CSIS), Operations and Coordination to be held in Nanji, China from 21 to 25 March 2017	Secretariat (WDS) M. Jean	asap	
MG-17/5.4	19.	OPAG-IOS to plan its contributions to the following WIGOS deliverables: a) A new edition of the "Manual on WIGOS" (WMO-No. 1160) by Cg-18; b) Further development of the WIGOS guidance on Data Partnerships, Lifecycle Data Management and Data Stewardship; and c) Guidance on the transition of existing observing systems to meet WIGOS requirements and standards, by end of 2017.	A. Rea	2018	To be discussed at 26 April Teleconference of ICT-IOS
MG-17/5.4	20.	Secretariat to keep track and to publish the state of the pilot RBONs	Secretariat (OBS)	2018	Underway

MG-17/5.4	21.	to establish a registry of existing software developed nationally in relation to national WIGOS metadata databases related to OSCAR and Machine to Machine interfaces	Secretariat (OBS)	end 2017	No available software yet
MG-17/5.4	22.	ICT-IOS, when planning its work for the coming intersessional period, to take into account the fact that many elements of the TT-WDQMS Work Programme will require close coordination with the work of ET-SBO	A. Rea	asap	To be discussed at 26 April Teleconference of ICT-IOS
MG-17/5.4	23.	ICT-IOS to take into account the recommendation of the Obs. Impact Workshop in the planning of its work	A. Rea	asap	To be discussed at 26 April Teleconference of ICT-IOS
MG-17/5.4	24.	Chairs of ET-SAT and IPET-OSDE to finalize their respective contributions to the draft Vision by April 2017.	J. Kaye E. Andersson	April 2017	Progressing
MG-17/5.6(4)	25.	Efforts are needed on data policy issues	Steering Group on GDPFS	asap	
MG-17/5.6(5)	26.	EC-69 side meeting on Seamless GDPFS shall be organized	Secretariat (WDS)	May 2017	Done (Friday 12 May 12:30)
MG-17/5.6(6)	27.	OPAG-DPFS to suggest the Steering Group what Task Teams under the EC Steering Group should be established	Y. Honda, P. Davies	April 2017	Good progress. Has been working on the High Level IP for EC-69 (see doc 8.1(1))
MG-17/5.7	28.	TT-HUM to take on responsibility concerning the GMAS, and to address the concerns and questions raised by the CBS-MG, and might be raised later by the Executive Council	F. Branski	end 2017	
MG-17/5.7	29.	To organize a side event on GMAS during EC-69	Secretariat (WDS)	EC-69	Done (Thursday 11 May 12:30)
MG-17/5.7	30.	Fred Branski to advise on how to develop concept note, which preliminary version ought to then be presented to EC-69 for the EC to note. Terms of Reference of the GMAS should also be	F. Branski	asap	

		developed			
MG-17/5.10	31.	Secretariat to set up a centralized web page or wiki page for centralizing all noticed problems with regard to Migration of Upper Air Reports to Table Driven Code Forms, so that all actors engaged can access and use information, and react to identified problems	Secretariat (OBS)	asap	
MG-17/5.10	32.	CBS President to write to the Presidents of the Regional Associations to inform them about the issues, current mechanism, and efforts for the future	M. Jean	asap	See also action 10
MG-17/6.3	33.	CBS President to discuss the cost and implications of CBS Ext.(2018) with the Secretariat, and explore other scenarios if necessary	M. Jean	asap	Done
MG-17/7.2	34.	to formalize the relationship with the co-sponsored programmes such as GCOS, and invite them at CBS meetings as needed, e.g. by mean of an exchange of letters	M. Jean	end May 2017	
MG-17/7.3.2	35.	CBS President to finalize the list of priorities and circulate to MG	M. Jean	7 Mar. 2017	
MG-17/8.2.1	36.	OPAG-ISS to use the "between sessions" approval procedure for the amendments to IWXXM that had been requested by ICAO	M. Dell' Acqua	Mar. 2018	
MG-17/8.2.2	37.	The Group agreed that the implications for CBS of changes in the ICAO infrastructure had to be considered, and requested the OPAG-ISS and OPAG-DPFS to address them	M. Dell' Acqua, Y. Honda	2019	
MG-17/8.2.3	38.	CHy to consider proposing and presenting CHy WIGOS related Pilot Project in La Plata river basin to the next ICG-WIGOS meeting	H. Lins	end 2017	

MG-17/8.2.3	39.	CBS-MG to identify a prioritized list of Expert Teams where CHy engagement is needed (CBS President to approach OPAG Chairs, and then email to CHy President)	M. Jean & MG	asap	
MG-17/8.2.3	40.	CBS President and CHy President to discuss the details and way forward for establishing a Joint Task Team under the CBS MG and the CHY Advisory Working Group leveraging on existing members of CHy and CBS engaged in joint activities	M. Jean & H. Lins	end 2017	
MG-17/8.2.3	41.	CBS President to liaise with CCI and WWRP and subsequently follow-up with H.Lins to bring the developments and advances together within the pilot to demonstrate the utility of technological advances in seamless prediction to water resource practitioners and disaster management agencies.	M. Jean	Sep. 2017	
MG-17/8.2.3	42.	Secretariat to circulate the report of the CBS Management Group meeting with the CHy Advisory Group	Secretariat (OBS)	Mar. 2017	Done through CLW
MG-17/8.2.3	43.	CBS and CHy Presidents to keep discussing issues of common interest, and make proposals to their respective Commissions on how to further develop joint activities	M. Jean & H. Lins	ongoing	
MG-17/8.2.4	44.	CBS President to write to the JCOMM Co-Presidents regarding the identified issues	M. Jean	asap	See also action 3
MG-17/8.2.4	45.	Participation of JCOMM in IPET-SUP and IPET-OSDE and additional points to be provided by the OPAG-IOS Chair	A. Rea	asap	See actions 2 and 3
MG-17/8.2.5	46.	OPAG-IOS Chair to seek and coordinate relevant contributions from CBS experts for submission to the call of abstract for the international	A. Rea	May 2017	To be discussed at 26 April Teleconference of ICT-IOS

		conference on automatic weather stations			
MG-17/9.1	47.	Secretariat to circulate the list of CBS-16 Decisions to the Group	Secretariat (OBS)	asap	Done
MG-17/9.1	48.	CBS President to circulate his draft report to the Group for their review, comments and additions	M. Jean	asap	Draft report available but PPT will only be presented to EC-69
MG-17/9.2	49.	Secretariat in consultation with the relevant OPAG chairs to draft the corresponding input to EC-69	Secretariat	asap	Done
MG-17/9.3	50.	To undertake a robust and comprehensive internal review of existing Technical Regulations in coordination with TT-ATG, and to propose some changes if necessary to the Technical Regulations for consistency with the proposal, and possible update of the proposal for submission to the Management Group	Secretariat, J. Tandy	end March 2017	
MG-17/9.3	51.	CBS MG to review and provide feedback on a subset of recommendation provided by TT-ATG	MG members	end March 2017	
MG-17/9.3	52.	CBS MG to develop a guide for change management, and to consider developing a workplan for developing it	M. Jean	April 2017	
MG-17/9.3	53.	CBS MG to prepare formal contribution EC-69 (May 2017), EC-SOP (2018) and PTC (2018)	M. Jean	May 2017	
MG-17/10	54.	to organize the next Session of the Management Group in Geneva in June 2018, just after EC-70	Secretariat (OBS)	June 2018	
MG-17/10	55.	Those Management Group members who will be attending EC-69 should meet informally on side of the event	M. Jean	May 2017	Plan for side meeting discussed at teleconference 18 April.
MG-17/11	56.	CBS Coordinator for Emerging Data Issues to assume chairpersonship of the designated task team and to re-energize its members in relation to the Work Plan agreed at the first meeting of	S. Barrell	Dec. 2017	Joint meeting of the WIGOS TT on Partnership and the CBS lead Review on Emerging Data Issues planned in Sept. 2017

		the team (September 2016), with the aim of reporting on progress by December 2017 to the chair of the Executive Council Task Team on Data Policy and Emerging Issues			(5-days with 1 day overlap between the two teams)
MG-17/11	57.	Depending on resources, to schedule a meeting of CBS-Led Review of Emerging Data Issues for third quarter 2017, preferably coincident with the ICG-WIGOS Task Team on WIGOS Data Partnerships	Secretariat (OBS)	Q3 2017	Meeting planned in Sept.
Teleconf. 20170206	1	Membership of the teams to be completed by CBS-MG-17 face-to-face meeting	OPAG Chairs	25 Feb. 2017	Done
Teleconf. 20170206	2	Secretariat to update website when the teams are formed	Secretariat	15 March 2017	Pending
Teleconf. 20170206	3	Secretariat to check status of the "white paper on public-private engagement", which was circulated with PRA, and check if it could be circulated with the CBS-MG	Secretariat	15 Feb. 2017	Done
Teleconf. 20170206	4	Group members were requested to provide their proposed changes and comments concerning the draft letter of the CBS President to SG on Strategic Priorities 2020-2023 by Thursday	MG members	9 Feb. 2017	Done
Teleconf. 20170206	5	The report of the PTC meeting, once finalized, will be circulated with CBS MG members	Secretariat	end Mar. 2017	Done
Teleconf. 20170206	6	CBS Management Group members are invited to provide views and feedback to the CBS President on the evolution of the WMO and its structure	CBS MG members	15 Feb.	Done
Teleconf. 20170206	7	Teleconference call to be organized with Secretariat and President and vice-President next week	Secretariat	ASAP	Done
Teleconf. 20170206	8	Secretariat to update draft Agenda of CBS-MG-17 to reflect the Group discussion at this Teleconference	Secretariat	ASAP	Done

Teleconf. 20170206	9	The Group requested the Secretariat to give access to all CBS Management Group members to the PTC/PAR and EC-SOP meetings alfresco pages and documents	Secretariat	ASAP	Reports available from EC-69 website
Teleconf 20161219	2	TT-Hum: Membership should reflect expertise coming from both PWSD and DPFS	OPAG DPFS & PWSD Chairs	13 Jan. 2017	Done
Teleconf 20161219	4	Consultation is needed with relevant centres to get nominations for ET-RA & ET-OPSLs. Two or three additional members should also be nominated in each team to ensure regional representation and national requirements	Secretariat	13 Jan. 2017	Done
Teleconf 20161219	5	ET-RA & ET-OPSLs: The Terms of Reference of these two teams should be updated to reflect membership of the relevant centres	Secretariat; ASAP	13 Jan. 2017	Underway
Teleconf 20161219	14	to discuss requirements for Emerging Data Issues with the OPAG PWSD Chair	S. Barrell	2 Feb. 2017	Done
Teleconf 20161219	15	to make a proposal, to look at all the aspects/concerns, including in liaison with OPAG IOS, and to make proposal on emergency changes could be proposed by relevant OPAG-ISS ETs to Manual to fix some governance issues	OPAG ISS	2 Feb. 2017	Done

ANNEX 3

Minutes of the Informal meeting of the CBS Management Group on side of EC-69

(Geneva, 12 May 2017)

PARTICIPANTS

- Michel Jean
- Gerald Fleming
- Sue Barrell
- Paul Davies
- Wenjian Zhang
- Fernando Belda
- Peiliang Shi
- Xu Tang
- Miriam Andrioli
- Steve Foreman
- Samuel Muchemi
- David Thomas
- Abdulaye Harou
- Etienne Charpentier

SERVICE DELIVERY:

There is significant work ahead already from CBS-16. Should be careful about taking on extra tasks.

Service Delivery Guide ... linked efforts to update of PWS Guide (published 1999) with contract with Kevin O'Loughlin. Should contract be extended for the Service Delivery Guide? Scope of Service Delivery will be defined by the scope of the reform (2 TCs=OK, more TCs=problematic). Special (possible) transition period where CBS ought to be proactive in particular with regard to Strategy for Service Delivery. There is a need to accelerate collaboration with other TCs. S/GDPFS is major effort since Cg-17; other AAs need to be considered beyond weather water climate environment, e.g. marine services. There is a need to develop things step by step. Common platform, common interface, for S/GDPFS needs to be defined taking into account WIS 2.0 developments. This leads to the question of how to reorganize the CBS (or successor) working structure and particularly OPAG-PWS in the broader context of the reform.

Action: Coordinate with SG for meeting of PTCs next week

Action: PTC needs to agree on common approach to address Strategy for Service Delivery. Need to agree on who will take the lead? Plan needed taking into account the next milestones, starting with Cg-18.

Secretariat will present the paper to EC-69. President of CBS can make intervention.

GDPFS

Successful side event on 11 May, with good participation and discussion. IBCS Chair recognized the need for GFCS to use GDPFS.

How to put science into operations. Feedback loop necessary. Australian example: for science and innovation, RD Branch is being renamed to "Science to services".

Much work was completed by Japan on the updated Manual on the GDPFS.

There is collaboration with CAS for possibly organizing an Earth System Prediction Conference. This would take say 2 years to organize if it is to be on the same scale as the Open Science Conference held in Montreal. Plan B: organize a smaller event, e.g. Symposium before Cg-18. Germany could be invited to host.

Action: CBS President to intervene to thank Japan for their contribution to the revision of the Manual on GDPFS.

WIGOS/WIS

Side events were barely attended. Disappointing.

No big issue foreseen.

Some interventions expected on WIS, and Secretariat has been working with delegations to reconcile views.

Collaboration with IATA on exchange of AMDAR data and clarifying Res. 40 (cg-12).

Action: Send copy of WIGOS Briefing Notes to Sue.

GMAS

Discussion went well at side event, and this addressed many of the potential reservations of EC-69 members. Small EC-69 drafting team will be set up to revise the concept paper following full consideration by EC.

There is no single platform for the service side of GMAS.

CHy to engage in the service aspects of the GMAS as first step.

El Niño

Concept paper and roadmap need to be developed for a possible El Niño Information System. There is overlap with some of the requirements of the Humanitarian Agencies identified in the dialogue conducted through TT-HUM in recent years.

This is cross cutting with 3 TCs.

Ocean Conference planned in NY in June where high level group is expected to set up international steering committee. Assessment of requirements and of existing facilities need to be made first (what products at what time scale). Indian Ocean dipole is also important, so there is not just El Niño (tropical Pacific), so we should also be looking at the broader issue.

Action: CBS, CCI, CAS, JCOMM Presidents to discuss at lunchtime today (Gerald, Xu to also participate).

CBS Extraordinary Session

CBS President will make the case for it.

Approach to management of list of experts

Action: Secretariat to make proposal to MG. Variety of roles: core, associate member ...
Some rationalisation of role descriptions is recommended.
