

WORLD METEOROLOGICAL ORGANIZATION

IPET-SUP-4/Doc. 4 REV.1  
(22.II.2018)

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

INTER-PROGRAMME EXPERT TEAM ON SATELLITE UTILIZATION AND  
PRODUCTS

ITEM: 4

FOURTH SESSION

Original: ENGLISH

GENEVA, SWITZERLAND, 26 FEBRUARY – 1 MARCH 2018

## **ACTION REVIEW AND RELEVANT MEETINGS**

*(Submitted by Secretariat)*

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### **Summary and Purpose of Document**

To present the status of IPET-SUP Actions.

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### **ACTION PROPOSED**

The session is invited to note the information in this document.

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**Appendix:** A. Status of IPET-SUP Actions (22 February 2018)

Action	Deadline	Status	Last Update
ACTION 3.1: Standard Metadata Abstract needs developing to assist users in discovering data on the WIS; the CGMS-WMO Task Force continues working on this, and an update should be provided by 2018 session of IPET-SUP.	IPET-SUP-4	Update under item 6.2.2	28-Sep-17
ACTION 3.2: Secretariat to draft a letter by the joint ISWGs on support for OSCAR/Space, and invite the ISWG chairs to sign.	31-Dec-17	Superseded; Following WMO WP-06 presented to CGMS-45 in June 2017, CGMS Secretariat sent a letter on 10 July 2017 to all ISWG chairs asking for nominations to the OSCAR/Space Science and Technical Advisory Team; responses were received from all Groups (ICWG: Steven Sherwood <s.sherwood@unsw.edu.au>, IPWG: Sophie Bouffies-Cloche@ipsl.jussieu.fr, IROWG: Harald Anlauf <harald.anlauf@dwd.de>, ITWG: Mitch Goldberg - NOAA Federal <mitch.goldberg@noaa.gov>, IWWG: Régis Borde <regis.borde@eumetsat.int>)	28-Sep-17
ACTION 3.3: R. Eckman with CEOS ACC explore to what extent the WMO Guidelines on Best practices to achieve user readiness for new-generation satellites are applicable / useful to the air quality community in preparing for TEMPO, Sentinel-4 and GEMS.	IPET-SUP-4	Guidelines applicable; discussion of TEMPO science team with early adopters of TEMPO data, e.g., on the use of aerosols and trace gases in air quality forecasting	29-Sep-17
ACTION 3.4: R. Eckman to investigate near-real-time data access provisions for TEMPO.	IPET-SUP-4	Not yet established	29-Sep-17
ACTION 3.5: R. Eckman to provide a list of key groupings and users of satellite-derived air quality information, with a view to have an effective user-provider dialogue.	IPET-SUP-4	State and local air quality forecasters (smoke, dust, fires), meteorologists, agricultural community, others? (CAMS)	29-Sep-17
ACTION 3.6: S. Wannop to investigate the reasons for the discrepancies in the registration of EUMETSAT metadata and data with the GISC Offenbach.	IPET-SUP-4	EUMETSAT are working on correcting the metadata, there is still some work to be done. They expect to be able to generate the new metadata by Jan 2018.	28-Sep-17
ACTION 3.7: WMO Secretariat (OBS/SAT and OBS/WIS) to raise with CGMS the issue of correctly registering satellite data with GISCs.	IPET-SUP-4	Not done at CGMS-45.	28-Sep-17
ACTION 3.8: Secretariat to provide feedback on the draft RA-3-4-SDR-3 agenda planned for 16 and 19 July 2017 in conjunction with the NOAA Satellite Conference 2017.	30-Jun-17	Done.	30-Jun-17
ACTION 3.9: WMO to send a nomination letter to RA V, inviting Members to nominate representatives on the RA V TT-SU. A dedicated face-to-face meeting of RA V TT-SU and other interested RA V Members should be organized in conjunction with AOMSUC-9 planned to be hosted by Indonesia.	IPET-SUP-4	Done; Letter in preparation for signature by WMO; was comments sought from RA-V TT-SU chair, BMKG	21-Feb-18
ACTION 3.10: EUMETSAT to report to IPET-SUP at its next session on progress with enabling re-distribution of Sentinel-3 data to the WMO community.	IPET-SUP-4	EUMETSAT have received and are pursuing a request from Météo-France for inclusion of Sentinel-1 wave spectra on the GTS and we are working on the generation of BUFR files for the SRAL L2 NRT which will also go on the GTS. No implementation dates yet.	28-Sep-17
ACTION 3.11: R. Hollmann to provide a presentation to IPET-SUP at the next session with an overview of the various international initiatives involved in climate monitoring from space.	IPET-SUP-4	Agenda item 11.1	21-Feb-18
ACTION 3.12: IPET-SUP members to explore whether radar climatologies are available in their respective agencies. By September 2017.	30-Sep-17	To Close? (Not a satellite-specific Action, remark by JMA) UKMO do not produce any radar-based climatologies, INPE/CPTec maintain archive of radar-based climatology for Brazil, availability is subject to approval by Brazil Air Force.	21-Feb-18
ACTION 3.13: S. English and Secretariat to monitor the results from the two workshops (Monterey, July 2017; Vienna, September 2017), and to discuss the item at the next session.	IPET-SUP-4	Done; Vienna workshop: <a href="http://srwv.geo.tuwien.ac.at/presentations/">http://srwv.geo.tuwien.ac.at/presentations/</a> Bob Stefanski (WMO Agrimet Programme) attended, awaiting feedback; Monterey workshop: <a href="http://cimss.ssec.wisc.edu/iswg/meetings/2017/">http://cimss.ssec.wisc.edu/iswg/meetings/2017/</a> participants resolved to compile a white paper on remote sensing of the surface	21-Feb-18
ACTION 3.14: VLab to liaise with Agrhymet in Western Africa for developing training in the agricultural area; M. Diop-Kane to provide a point of contact.	01-Sep-17	Contact provided by M. Diop-Kane, and forwarded to VLab: Dr. Moussa WAONGO Responsable Filière Agrométéorologie Département Formation et Recherche (DFR) Centre Régional AGRHYMET (CRA) 01 BP 11011 Niamey (Niger) Email : m.waongo@agrhytmet.ne	21-Feb-18
ACTION 3.15: IPET-SUP members are encouraged to provide user quotes on the value of OSCAR/Space, and report back to the Secretariat (tkurino@wmo.int). By 15 Sep 2017.	15-Sep-17	Done; User quotes collected, including at OSCAR/Space user workshop in October 2017 during EUMETSAT conference, and forwarded to Secretariat focal point (T. Kurino)	28-Sep-17
ACTION 3.16: Secretariat to add "Climate" to the list of "Themes" in the PAG, and point to the CEOS-CGMS Working Group ECV inventory.	30-Sep-17	Done.	22-Feb-18
ACTION 3.17: Secretariat to add SNAP and QGIS to the "Tools" page maintained by the WMO Space Programme office.	30-Sep-17	Done.	28-Sep-17
ACTION 3.18: The WMO presentation to GODEX-NWP should include key points of the critical satellite data (what is critical; seven principles), as well as highlight the WMO Space Programme online resources.	15-May-17	Done.	17-May-17
ACTION 3.19: IPET-SUP Task Team on Communication Plan to meet in a virtual meeting by Nov 2017. Members of the Task Team are: Sally Wannop, Simon Keogh, Natalia Donoho, Richard Eckman, Rainer Hollmann, Fang Xiang.	30-Nov-17	No progress	21-Feb-18
ACTION 3.20: IPET-SUP to further analyse the results of the 2016 WMO survey in a teleconference in September 2017.	30-Sep-17	Survey reviewed in Sep-Nov 2017 timeframe by Secretariat, and finalized (publication underway; final draft posted as IPET-SUP-4/INF.7).	21-Feb-18
ACTION 3.21: Secretariat to develop a prototype of simple trend charts of available observations grouped according to the components of the GOS baseline.	31-Dec-17	Item 8.2. Identified that NCEP Central Operations maintains a historical database of monthly counts of all received observations ( <a href="http://www.nco.ncep.noaa.gov/pmb/mwprod/gdas/">http://www.nco.ncep.noaa.gov/pmb/mwprod/gdas/</a> ), that Secretariat intend to use as the basis for the prototype monitoring report.	21-Feb-18
ACTION 3.22: On its website, Secretariat to provide links to existing satellite data quality monitoring resources.	30-Sep-17	No progress	21-Feb-18
ACTION 3.23: L. Machado and M. Diop-Kane to define the system concept and high-level requirements (use cases) for the proposed nowcasting tools.	31-Dec-17	Item 10.2; L. Machado sent first draft on 7 Aug 2017 to M. Diop Kane and WMO Sec; draft concept recognizes different phases of nowcasting; Mariane and Secretariat yet to provide feedback	21-Feb-18
ACTION 3.24: S. English and Secretariat to monitor the results from the two workshops, and to discuss the item at the next session.	IPET-SUP-4	redundant with Action 3.13, closed	21-Feb-18
ACTION 8.15: Secretariat to communicate SATURN to all potential users, including at WMO Executive Council, through all Regional Requirements groups, to all WMO Members via a letter, and through appropriate publications.	After CBS-16; by Feb 2017	DONE; letter with annexed SATURN poster sent in 5 official languages on 20 July to all WMO Members	20-Jul-17

Recommendation		Status
RECOMMENDATION 3.1: CMA encouraged to consult with the RA II WIGOS and RA V TT-SU Groups to get guidance from international users on what subset of FY-4A to disseminate via CMACast.		Dissemination of FY-4A data on CMACast planned for early 2018; CMA to attend AOMSUC-8 and 5th RA II WIGOS meetings in 2017
RECOMMENDATION 3.2: RA II WIGOS Project to exchange experience with EUMETSAT (Régis Borde) and NOAA CIMSS (Chris Velden) on generating imagery and products from multiple sensors.		No update
RECOMMENDATION 3.3: Secretariat to update the flyer on OSCAR/Space v2.0.		Work in progress
RECOMMENDATION 3.4: Dust indices are an important product for Northern Africa, and their provision by the SDS-WAS node in Barcelona is encouraged.		No update
RECOMMENDATION 3.5: The Team recommended to CGMS to organize user workshops to better document the user need for filling gaps in the product baseline across all new-generation GEO imagers. Further collaboration options, e.g., through SCOPE mechanisms, should be organized on that basis.		To be raised at CGMS-46
RECOMMENDATION 3.6: Encouragement to the international surface working group to report on the workshop results, and to liaise with the Soil Moisture Satellite Validation and Application workshop community.		Done informally with Ben Ruston (int'l surface working group) at ITSC-21
RECOMMENDATION 3.7: WMO to co-sponsor the planned COSPAR Capacity Building Workshop on space weather in Brazil in 2018.		Underway, co-sponsorship agreed
RECOMMENDATION 3.8: Secretariat to produce a communication package on OSCAR/Space (flyer, tutorial, videos, how-to guide), including updates of existing material.		No progress, will use results from OSCA/Rspace user workshop 4 Oct 2017
RECOMMENDATION 3.9: Satellite operators should provide links to SATURN; the keywords in the html header should be checked by Secretariat, as well as on the landing page wmo-sat.info.		
RECOMMENDATION 3.10: The OSCAR/Space User manual should be cross-referenced on the OSCAR/Space page.		No progress
RECOMMENDATION 3.11: For the benefit of users, CGMS satellite operators to provide comprehensive data quality monitoring publicly.		To be raised at CGMS-46