WMO SPICE Teleconference

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| Date | **21.11.2013** | Time  | 13:00 – 15:30 (UTC) |
| Purpose | SPICE |
| IOC member attendees(strike though if not attending) | R. Nitu, B. Baker, ~~J. Hendrikx, H. Liang, Y.-A. Roulet,~~ F. Sabatini, ~~V. Vuglinsky~~ |
| IOC ex-officio member attendees(strike though if not attending) | ~~S. Bilish (Australia~~) C. Smith – ~~D. Yang~~ (Canada), ~~S. MacDonell (Chile) O. Aulamo (Finland) Y.Tahara (Japan)C. Zammit (New Zealand~~) M. Wolff (Norway) ~~M. Karzynski (Poland)~~~~TBD (Russian Fed.)~~ R. Rasmussen (USA) ~~L. Lanza (Italy)~~~~S. Morin (France) A. Uriel - S. Buisan (AEMET-Spain)~~ ~~G. Diolaiuti - D. Bocchiola (Italy/Nepal) CHOI Eunjin (Rep. Korea)~~ |
| Other Attendees(optional) | ~~M. Colli, B. Day,~~ M. Earle, ~~F. Boudala, Andy Gaydos~~, B. Goodison, J. Hoover, ~~P. Joe,~~ J. Kochendorfer, T. Laine, S. Landolt, ~~Janti Reid,~~ I. Rüedi, ~~A. Samanter, E. Vuerich, A. Poikonen,~~ A. Reverdin |
| Distribution | All attendees, IOC (including IOC ex-officio members) |
| Moderator | Rodica Nitu | Recorder | **I. Rüedi**  |

Meeting Records (A = Action / D = Decision / I = Information)

| **#**  | **A / I / D** | **Item Description** | **Owner** | **Due Date** |
| --- | --- | --- | --- | --- |
| 1 | **D** | Commissioning reports that are ready and “almost ready” will be posted on the website (almost ready is meaning cases for which all the expected information was provided, but there are small issues with the data like increased noise in one instrument, field calibration leading to discrepancies greater than 5%, etc…) |  |  |
| 2 | **A** | Contact Francesco to clear list of issues with each site and identify commissioning reports being ready for posting on website | Rodica | 30 Nov |
| 3 | **A** | Post above commissioning reports on the WMO website (in .pdf format). | Isabelle / Francesco | 2 Dec |
| 4 | **I** | Review/update of all sites commissioning status.Valdai is experiencing funding issues and apparently, they will be running only R0 and R1 this winter, as was the case for 2012/13 winter |  |  |
| 5 | **A** | Liaise with Volga river site manager on details of the site configuration (2 reference instruments within the DFIR-fence? Round DFIR-fence?) | Rodica | 30 Nov |
| 6 | **D/A** | Consider putting word versions of MS-Word version of site commissioning reports on an ftp or other appropriate place to enable extraction of relevant parts if needed, f.ex by DAT team. | Rodica | 22 Nov. |
| 7 | **I** | Failing temperature sensors in Haukeliseter lead to overheating and melting of the heating tape. | Mareile |  |
| 8 | **A** | Share pictures of mounting of disdrometer within the inner-fence of the DFIR-fence | Rodica | 30 Nov |
| 9 | **I** | Heaters are not keeping up the temperature below -5°C. | Craig |  |
| 10 | **I** | Same issue (heaters not keeping temperature). Mounted heaters in parallel rather than in series, so as to have more power available. | Mareile |  |
| 11 | **I** | Had to make similar modification at an Arctic site | John |  |
| 12 | **I/D** | Update on collaboration of Jeff, Audrey and Mike (Audrey’s stay in Canada)During first year of experiment, sites had only capacitive precipitation detectors, but no optical precip detectors. Therefore, we need to consider criteria for invent selection using both types of detectors to be able to make use of the whole dataset. | Mike |  |
| 13 | **I/D** | Data availability in NCAR archive was presented.Weakly e-mail distribution of status file would be welcome, but for later data mining availability of this list on the website would be desirable. | Rodica |  |
| 14 | **I** | Update of Snow on the Group Analysis Team. | Craig |  |
| 15 | **I** | Problem with Pluvio2 in DFIR-fence, which is having a strange behaviour. Reason unclear at the moment. | Timo |  |
| 16 | **I/A** | Share presentation on status of Gochang Site with SPICE Team | Rodica | 30 Nov |
|  |  | **For next teleconference(s)**:Proposed for Dec. 4 (14:00 UTC): * Outline and responsibilities for drafting Report on References

Proposed for Dec. 19 (14:00 UTC): * Expected outcomes of Sodankyla Meeting (May 2014)
* Report on References
* DAT update
* SoG Update
* Site updates (incl. data transfer to NCAR)
* Status of commissioning reports
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Open Actions

| **#**  | **A / I / D** | **Item Description** | **Owner** | **Due Date** |
| --- | --- | --- | --- | --- |
| **From teleconference of 24 Oct. 2013**  |
| 2 | **A** | The SPICE report will need to provide feedback on calibration procedures as stated in Geonor manual to inform those using these gauges. Key points:* Gauge levelling
* Compare 3-wire average (requires algorithm from DAT) or individual transducers with calibration load
* Comparison impacts procedure in manual: if errors more than 0.5%, Geonor recommends correction of *A*, *f0* coefficients
* Covering of gauge orifice during calibration
 | Rodica | In the Final report |
| 3 | **A** | DAT to request field verification data from sites to test Geonor algorithm | Mareile/Mike | Nov 21 |
| 5 | **A** | Circulate document outlining a repeated calibration for assessing uncertainty | John | Nov 21 |
| 7 | **A** | Prepare and distribute proposal for data collection requirements for SOG | Craig | Nov. 4 |
| 8 | **A** | Status of data transfer to NCAR to be monitored and documented regularly, shared; specifics of procedures TBD | Rodica/ Charmaine (Canada) | Nov 21st |
| 9 | **A** | Commissioning Reports: finalised and posted by Nov 15th | Francesco/ Shane | Nov 21st |
| **From teleconference of 26 Sept. 2013**  |
| 1 | **A** | Site commissioning Reports will be posted on the WMO-SPICE website. | Francesco/ Isabelle | Nov21, 2013 |
| 2 | **A** | Meeting IOC-SPICE-5, Sodankylä May 19-23, 2014 | Isabelle/Timo/Rodica | May 2014 |
| 5 | **A** | Proposal for dates for Future teleconferences: 2013: Oct 24, Nov 21, Dec 192014: Jan 16, Feb13, March 13, April 10, April 24, may 08Teleconf specific topics to be defined by Oct 24. | Rodica/ Isabelle | Ongoing |
| 7 | **A** | Send reminder to Instrument Providers accepted in 2013, for distribution of instruments (Eigenbrodt, YES) | Rodica/Isabelle | Oct 10, 2013 |
| 8 | **A** | Clarify the participation of MTX (1 TBRG for Marshall) | Rodica | Oct 10, 2013 |
| **9** | **A** | **All 2012/13 data to be transferred to NCAR archive** | **Site managers** | **Nov 2013** |
| 10 | **A** | Review all outstanding actions from Davos meeting | All | Oct 24, 2013 |
| 11 | **A** | Sites to provide updates on status of optical precipitation detectors (require for reference) and precipitation type sensors (recommended) | Site managers | Oct 24,2013 |
| **From teleconference of 2 May 2013** |
| 6 | **A** | Letter requesting funds for CIMO Trust Fund with highlight on SPICE data analysis to be sent to all WMO Members | Isabelle | Oct 24, 2014 |
| 8 | **D/A** | Provide pictures of test sites to create a SPICE slide-show/clip | Site Managers | Oct 24, 2013 |
| 9 | **A** | Summarize procedure for site validation of gauges. As used in Norway | Mareile | Oct 24, 2013 |
| 10 | **A** | Site managers to plan and conduct a site validation of the gauges at the end of the season, preferably before the Davos Meeting(Orifice to be covered before/after the water is poured in the gauge to reduce noise level.) | Site managers | Oct 24, 2013 |
| **From teleconference of 24 January 2013** |
| 10 | **D/A** | Check signature of Data Protocol by all participants. Check access to NCAR site. | Isabelle/ Rodica | Oct 24, 2013 |
| **From teleconference of 16 November 2012** |
| 4 | **A** | Develop a press release | Rodica / Isabelle |  |
| **From teleconference of 20 Sept. 2012** |
| 1 | **A** | Look at vertical wind profile: compare measurements with observations at different heights | John | Aug 2013 |
| **From teleconference of 30 August 2012** |
| 2 | **A** | USA to do a repeatability study on calibration of Geonor | Bruce | Oct 24, 2013 |

**Attachments:**

None.