WMO SPICE Teleconference

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| Date | **19.12.2013** | Time  | 13:00 – 15:00 (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, Antonella - 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 | **M. Earle, A. Reverdin, R. Nitu**  |

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

| **#**  | **A / I / D** | **Item Description** | **Owner** | **Due Date** |
| --- | --- | --- | --- | --- |
| 1 | **I** | Review of which Commissioning Reports have been posted on the WMO SPICE website and status updates from sites for which reports haven’t been posted.* Installation completed at Spain site, report pending (Samuel)
* More time required for Japan report (Tahara)
* Preparation of latest version of report for Sodankyla still underway (Osmo)
 | Rodica, Francesco |  |
| 2 | **A** | Share Marshall report in current form with Francesco, Shane to get feedback | Scott | Dec 27th |
| 3 | **A** | Report on current status of experiments in Japan | Tahara | Jan 16th, 2014 |
| 4 | **I** | Review of data currently available at NCAR and status updates* CARE ancillary data in new year (Mike)
* Haukeliseter data expected in January (Mareile)
* Transfer from Weissfluhjoch in next few days/weeks (Yves-Alain)
* Expectation that Forni Glacier data will be sent in late Jan of Feb (Guglielmina)
* NCAR SPICE site reformatted such that all data are available and content is more organized (Scott)
 | Rodica (Charmaine) |  |
| 5 | **I** | Updates on installation status of instruments submitted in 2013* Hot plates en route, installation pending at select sites (Osmo, Mareile, Craig)
* Eigenbrodt gauge cleared customs, but has yet to arrive at Marshall (Scott)
* GPS sensor installed at Weissfluhjoch, calibration underway (Yves-Alain)
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| 6 | **A** | Get in touch with Samuel Morin/Yves Lejeune re: updates on installation status at Col de Porte | Yves-Alain | Jan 16, 2014 |
| 7 | **I** | Update on status of experiment at Weissfluhjoch | Yves-Alain |  |
| 8 | **I** | Overview of Gochang site* Hope to have R2 and R3 configurations with both Geonor and Pluvio2 gauges’
* Non-DFIR gauge heights of 1.8 m
 | Eunjin |  |
| 9 | **A** | Follow-up on gauge heights (non-DFIR) | Rodica | Jan 16th |
| 10 | **I** | Progress made toward understanding/mitigating Geonor noise at Guthega Dam | Shane |  |
| 11 | **I** | Update on work toward preparation of Report on Reference | Mareile |  |
| 12 | **A** | Ssummarize previous results to help with R1-R2 comparison section of report | Craig | Jan 21st |
| 13 | **A** | Share Jokioinen data with Craig, Kai to help with R1-R2 assessment  | Osmo (to be facilitated by Antti Poikonen) | Jan 16th |
| 14 | **A** | Contact Niina Puttonen to help with analysis of reference uncertainty using Sodankyla data, focussing on low-wind conditions | Mareile | Jan 16th |
| 15 | **D** | Audrey to be lead for glossary of terms |  |  |
| 16 | **A** | Send Audrey proposals for any terms to be defined | all | ongoing |
| 17 | **I** | Update on Snow On the Ground (SOG) experiment | Craig |  |
| 18 | **D** | **Regarding the request from some manufacturers to receive some preciptiaiton data: The Decision to not send reference data to manufacturers remains in effect;** **Recognizing the contribution that manufacturers could make to ensuring the reasonable operation of the instrumetns under test, the team has agreed that the Site Managers can share with the Instrument Providers preciptiaiton data from ‘neutral’ gauges on site or national gauges operating on the SPICE site, with no processing or filtering.****Prior to sharing the data with the Instrument Providers, the Site manager will Inform the IOC on which preciptiation data will be sent. Note to be sent to Rodica.** | Site Managers | ongoing |
|  |  | **For next teleconference(s)**:Proposed for Jan teleconference: * Commissioning of sites
* Japan SPICE experiments: updates
* France SPICE experiments: updates
* Issues (if any)
* Precip Amount and SoG: data availability and analysis
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Open Actions

| **#**  | **A / I / D** | **Item Description** | **Owner** | **Due Date** |
| --- | --- | --- | --- | --- |
| **From teleconference of 21 Nov. 2013**  |
| 5 | **A** | Liaise with Volga river site manager on details of the site configuration (2 reference instruments within the DFIR-fence? Round DFIR-fence?)*Update: message sent; no response as of Jan 10th* | 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. |
| 8 | **A** | Share pictures of mounting of disdrometer within the inner-fence of the DFIR-fence | Rodica | 30 Nov |
| **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) | On going updates |
| 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.