WMO SPICE Teleconference

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| Date | **24.10.2013** | Time | 14:00 – 16:00 (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 -~~ 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 | **Mike E, Rodica N** |

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

| **#** | **A / I / D** | **Item Description** | **Owner** | **Due Date** |
| --- | --- | --- | --- | --- |
| 1 | **I** | Review of procedures and results from field verification of Geonor gauges at CARE | Jeff Hoover |  |
| 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 |
| 4 | **I** | Pluvios calibrated at Sodankyla using manufacturer recommended procedure | Osmo/Timo |  |
| 5 | **A** | Circulate document outlining a repeated calibration for assessing uncertainty | John | Nov 21 |
| 6 | **I** | Summary of recent discussion on Snow On the Ground (SOG) | Craig |  |
| 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 |
| 10 | **I** | Update on Japanese sites and participation | Y. Tahara |  |
| 11 | **I** | Audrey to visit Mike, Nov 18-25, and come up to speed regarding the SPICE data, availability of tools and approaches: SPICE immersion!  Audrey and Mike to report on progress and plan at the next teleconference | Audrey/Mike | Nov 18 |
|  |  | **For next teleconference(s)**:  Proposed for Nov. 21:   * DAT update * Site updates (incl. data transfer to NCAR) * Status of commissioning reports |  |  |

Open Actions

| **#** | **A / I / D** | **Item Description** | **Owner** | | **Due Date** |
| --- | --- | --- | --- | --- | --- |
| **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 19  2014: Jan 16, Feb13, March 13, April 10, April 24, may 08  Teleconf 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.