WMO SPICE Teleconference

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| --- | --- | --- | --- |
| Date | **21.02.2013** | Time  | 13:00 – 14:55 (UTC) |
| Purpose | SPICE |
| IOC member attendees(strike though if not attending) | R. Nitu, B. Baker, J. Hendrikx, E. Lanzinger, ~~H. Liang,~~ Y.-A. Roulet, F. Sabatini, ~~V. Vuglinsky~~ |
| IOC ex-officio member attendees(strike though if not attending) | S. Bilish (Australia) R. Nitu – ~~C. Smith~~ – D. Yang (Canada), ~~S. MacDonell (Chile)~~ O. Aulamo (Finland) ~~TBD (Japan)~~C. Zammit (New Zealand) M. Wolff (Norway)  ~~M. Karzynski (Poland)~~~~TBD (Russian Fed~~.) Y.-A. Roulet (Switzerland)R. Rasmussen (USA) ~~L. Lanza (Italy)~~ |
| Other Attendees(optional) | M. Colli, ~~B. Day~~, M. Earle, ~~B. Faisal, Andy Gaydos~~, B. Goodison, J. Hoover, ~~P. Joe,~~ J. Kochendorfer, ~~T. Laine, S. Landolt, Janti Reid~~, I. Rüedi, ~~A. Samanter, E. Vuerich, A. Poikonen~~ |
| Distribution | All attendees, IOC (including IOC ex-officio members) |
| Moderator | Rodica Nitu | Recorder | **Isabelle Rüedi**  |

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

| **#**  | **A / I / D** | **Item Description** | **Owner** | **Due Date** |
| --- | --- | --- | --- | --- |
| 1 | **D/A** | Have a draft structure for the report on the reference by 8 March 2013 | Eckhard / Rodica | 8 March 2013 |
| 2 | **D** | Involve experts not presently involved in SPICE in the review of the snow on the ground document |  |  |
| 3 | **A** | To consult with experts from own and other services on the proposed snow on the ground document and feasibility of proposed approachBarry to approach GCW community | All | 8 March 2013 |
| 4 | **D** | Share protocols of DAT teleconference with the whole SPICE project team |  |  |
| 5 | **D** | Have teleconferences less frequently |  |  |
| 6 | **I/D** | NCAR heaters not able to maintain a rim temperature below 0°C in Haukeliseter (Norway) when very cold, or cold and very windy.**Objective of heaters is to maintain a temperature of 2°C on the gauge rim.****Heating power can be adjusted by sites to reach this objective, but has to be documented.** |  |  |
|  |  | **For next teleconference(s)**:Thu 21 March: * Refined Agenda for Davos Meeting
* Documentation Plan for Davos Meeting
* Feedback on Snow on the ground document
* Evaluation of “old” Valdai data
* DAT update
* Site updates (incl. data transfer to NCAR)

Review commissioning report for ….Data archival/transfer procedureCalibration procedureLab Test Results  |  |  |

Open Actions

| **#**  | **A / I / D** | **Item Description** | **Owner** | **Due Date** |
| --- | --- | --- | --- | --- |
| **From teleconference of 14 February 2013** |
| 4 | **A** | To implement Ott heating algorithm to 4 Pluvios of Sodankyla (1 in R2, 2 in R3, and one for the instrument provided by Ott) and document time of change | Osmo | Feb. 2013 |
| 6 | **A** | Check whether instruments were received in pairs in Sodankyla, according to SPICE-IOC-2 meeting (Boulder) decision and consider possible installation of those instruments still during this winter. If so, details of mounting (according to manufacturer specification or alternate mounting) should be agreed by IOC beforehand, after consultation with manufacturers. | Osmo | 28 Feb 2013 |
| **From teleconference of 31 January 2013** |
| 5 | **A** | Invite sites to provide favourite dataset | Eckhard | 21 Feb |
| **From teleconference of 24 January 2013** |
| 4 | **D/A** | Agree with proposal to include 2 additional SHM30 sensors (ESW) on another testsite (tentatively in Poland) – Follow-up with potential testsite(s)  | Rodica  | 28 Feb 2013 |
| 5 | **D/A** | Agree with proposal to assign the third TBH-30 sensors (Hydrological Services America) to a remote site (Chile) or a site receiving large amounts of precipitation (New Zealand, Japan) – Follow-up with potential testsite(s)  | Rodica  | 28 Feb 2013 |
| 7 | **A** | DAT to review/finalize data QC procedures and present in teleconference | DAT | 21 Feb 2013 |
| 10 | **D/A** | Everyone who will be requesting a password for accessing data of NCAR archive must have signed the data protocol on a personal basisSign data protocol if not already done | All  | 28 Feb 2013 |
| **From teleconference of 17 January 2013** |
| 1 | **A**  | Compare results of Pluvio2 run with 1) Ott heating algorithm and 2) CRN heating algorithm. Pluvios need to be set-up in same environment (shields) for the test, not necessarily DFIRs. | TBD(Yves-Alain?) |  |
| 2 | **A** | Compare performance of optical and capacitive precipitation detector and assessment of requirement to replace capacitive precipitation detectors in use in all references (R1, R2, R3) with optical detectors | USA? | 10 June |
| 3 | **A** | Lobby for contribution to CIMO Trust Fund for hiring data analyst | All |  |
| **From teleconference of 19 December 2012** |
| 2 | **A** | Update status of gauges sent by OTT (if received, and if not, by when) | Daqing/ Craig, Roy (Scott) |  |
| 3 | **A** | Any updates/changes regarding gauges provided by manufacturers or their configurations should be captured in project documentation (site commissioning report), with all associated details sent to Rodica/Isabelle. | All |  |
| 4 | **A** | Site managers to ensure transfer of data to NCAR; to be conducted in parallel with other activities | All |  |
| 5 | **A** | Provide login information for DAT members to access Marshall data on NCAR SPICE website | Roy/Scott/ Andy |  |
| **From teleconference of 26 November 2012** |
| 3 | **A** | Provide info to Chile, Australia on power requirements (reminder) | Bruce | Nov. 30 |
| 4 | **I** | Geonor to provide heaters for 1500 mm gauges | Bruce |  |
| 5 | **A** | Rodica to send Bruce an e-mail regarding how many heaters are required and where they’re going | Rodica |  |
| 6 | **A** | Share schematic for Geonor temperature controller | Rodica |  |
| 7 | **A** | Finish summary of data loggers and distribute | Mike |  |
| **From teleconference of 16 November 2012** |
| 1 | **A** | Evaluate capping in lab at -10°C with and without heating algorithm on | Matteo | 31 Dec. |
| 2 | **A** | Develop simple algorithm to eliminate noise in Geonor | Matteo | 31 Dec. |
| 3 | **A** | Assess whether there is an impact on ability to measure if a transducer is exchanged with a temperature sensor (with a view to add a T sensor to reference Geonor in DFIR if no impact) | Matteo | 31 Dec. |
| 4 | **A** | Develop a press release | Rodica / Isabelle | 15 Dec. |
| **From teleconference of 8 November 2012** |
| 2 | **A** | Inquire about expertise of SLF people on measurement/reading of snow stakes with cameras | Yves-Alain | 16 Nov. |
| 4 | **A** | Inquire on availability of meeting room for SPICE IOC-4 | Yves-Alain | 16 Nov. |
| **From teleconference of 1 November 2012** |
| 1 | **A** | Follow-up with Geonor on the use of heaters for Geonor 1500: use standard heaters, as supplied by the manufacturer | Bruce | Nov 16th |
| 2 | **D/A** | New call for instruments to be issued early 2013 (tentatively by end of January, with deadline for reply by end of March) focussing on emerging technologies | Secretariat | 31 Jan 2013 |
| 3 | **D/A** | Continue with weekly teleconferences until Jan 31st; then reassessed (Thursdays, 13 UTC), unless exceptions. | All | 31 Jan 2013 |
| **From teleconference of 4 October 2012** |
| 1 | **A** | Address how the 6s data should be exchanged | Rodica ~~Eckhard~~  | 15 Dec~~15 Oct~~ |
| 2 | **A** | Quality checks available in NCAR archive | Scott/ Roy | 15 Dec~~15 Oct~~ |
| **From teleconference of 27 Sept. 2012** |
| ~~1~~ | **~~A~~** | ~~Clarify procedure for visit of Instrument Providers to Testsites, if such visits requested~~  | ~~Emanuele~~~~IOC~~ | ~~15 Oct.~~ |
| **From teleconference of 20 Sept. 2012** |
| 1 | **A** | Look at vertical wind profile: compare measurements with observations at different heights | John | 1 Feb 2013~~1 Nov~~. |
| **From teleconference of 30 August 2012** |
| 2 | **A** | USA to do a repeatability study on calibration of Geonor | Bruce | 1 Oct |

**Attachments:**

None.