

# 9<sup>th</sup> Teleconference of ET-WDC, 21 August 2014, 12:00-14:00 UTC

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**Present:** Jörg Klausen (JK), Van Bowersox (VB), Tony Colavecchia (TC), Hiroshi Koide (HK), Geir Braathen (GB)

**Absent:** Markus Fiebig, Julian Meyer-Arneke (JM), Anatoly Tsvetkov (AT), Vincent Henri-Peuch

## Minutes from the previous telecon

The draft minutes from the last telecon, which took place on 17 June, circulated on 27 June, were approved by the meeting.

## Reminder from the ET-WDC Chair

The ET-WDC Members were reminded that the minutes contain action items that the Members ought to take note of and act upon. The Chair promised to get better at sending out reminders about the minutes and the Action Items therein in future mails.

## DOIs (A2014-22)

Some investigations around DOIs had been carried out and it turns out that coining DOIs for the data kept in a WDC will typically cost on the order of 2500 Euro per year, which was considered non-negligible. For WDC-RSAT, the service is free.

There was no information from AT. Russia is not member of data cite.

***A2014-22: Find out what is needed for WRDC to assign DOIs and find out how much this will cost (AT, 30 August 2014)***

VB had found that assigning DOIs to the data in the WDCPC would amount to 2500 USD per year through DataCite hosted by Purdue Univ. They give the prices on their web site. He informed that Rick Artz probably does not want to spend 2500 USD per year for this purpose.

The participants questioned the previous decision (see minutes of Tokyo meeting) on supporting DOIs and a discussion on the pros and cons was held.

Pros:

- 1) To make data citable as they are.
- 2) You will get information about how many times the data was cited.
- 3) You will get information about how the data was used.

Cons:

- 1) Cost (financial and human resources)
- 2) Benefits for WDCs and their users remain unclear for growing time series / data sets

Overall, the participants remained unconvinced that the benefits justify the costs.

JK then suggested that, in the context of WIS/WIGOS, we can also create our own URIs for data sets. Participants are invited to review the presentation made by Julian Meyer-Arneke (posted on the ET-WDC site). A decision was deferred to a later stage.

### **Discussion on the contents of the Data Management poster.**

GB suggested that the WMO Antarctic Ozone Bulletin and the WMO Greenhouse Gas Bulletin are excellent examples of how data from the WMO/GAW WDCs are put to use.

Koide pointed out the importance of timely submissions. This should be emphasised on the poster. Tarasova has made an introduction for new GAW stations to be included on the poster.

JK suggested that the poster should also have links to other data bases, such as the NDACC one. TC proposed to include a description of the new version of WOUDC. JK pointed out to the ET-WDC Members that the main objective of the poster is to advertise the work done by the WDCs and he reminded that contributions are wanted from all the Members.

### **Immediate Action : Send material to JK by 4 Sep (Wednesday)**

#### **Web Services**

JK stated that we need to develop specifications. Today flat files are used for metadata exchange.

TC confirmed that both FTP and Web Services will be offered and that FTP will be around for the foreseeable future.

For metadata exchange TC pointed out that he prefers web services.

JK informed the ET-WDC Members that WMO's OSCAR data base and GAWSIS will use web services, but that we still need to define the specifications. The scope will be given by WIGOS and OSCAR.

TC proposed a dedicated follow-up meeting where one talks about just this issue.

JK mentioned that "European Dynamics" is the company that will build the OSCAR data base for MeteoSwiss and WMO, and that in order to be able to deliver in time, information on specifications is critical. European Dynamics has already contacted some of the WDC managers.

## Reformation of WRDC.

Since AT was not present it was not possible to have a conclusive discussion around this item.

JK raised the question: What do we and what do users need from WRDC?  
GB stated that people want to be able to download files in one form or the other. People want an easy solution accessible through web browser and that does not require a virtual machine.

TC proposed that we ask AT to look at the other data centres and see how access to files has been implemented.

## Rainer's document (A2014-23)

Discussion was postponed.

## Any Other Business

The question of an agreement between GAW and CAPMon was discussed. VB had raised the issue with Bob Vet. Bob Vet is of the opinion that since every CAPMon station already is a GAW station, no agreement is needed. After some discussion it was agreed that it is best if Oksana Tarasova contacts Bob Vet directly and discussed this with him.

***Immediate Action: JK to request Oksana to get in touch with Bob Vet on need/benefit of LOA – done***

***A2014-25: Continue discussions with Bob Vet with a goal to establish technical solution for metadata exchange with GAWSIS [VB, October 2014]***

Review of action items

The action items remaining from the last telecon were reviewed. These actions items are found in the minutes from that telecon.

**Action Item A2014-02:** Clarify status of submission of Japanese PFR data to WDCA [MF, HK, bi-laterally] **closed**. Comment: QC is still difficult because of the systematic malfunctions of PRFs under subtropical environmental conditions. JMA is still working on it but the information on the situation has been shared.

**Action Item A2014-03:** State the data archive hosting the data next to the data series in the measurement program section of the GAWSIS station report [JK, asap] **Complete**.

**Action Item A2014-04:** Revise the draft GAW metadata profile according to recommendations [JK, deadline extended to November 2014]. **Still open**. JK needs feedback from the ET-WDC Members.

**Action Item A2014-05:** Validate links between parameters and CF standard names, and submit any changes to JK for inclusion in the GAWSIS name table [All WDCs, deadline extended to October 2014]. **This AI still needs to be worked on.** Input needed from all WDCs.

**Action Item A2014-06:** Submit any new names to CF [All WDCs concerned, deadline extended to December 2014]. Nothing has been done. **Still open.**

**Action Item A2014-07:** Prepare doc 5.4 and submit for discussion to ET-WDC [JM, asap] --> JK to put document on web site. **Open, pending extension of presentation by Julian with a list of pros and cons to base a consensus decision on.**

**Action Item A2014-08:** Obtain guidance on how to address requests for commercial use of data from EPAC SSC [JK, next meeting]. JK was willing to leave it open, but also to close it. It can take time to get feedback from EPAC SSC. There are no concerns from the others. Item is **closed**.

**Action Item A2014-09:** All WDCs are required to post the current GAW data policy statement, unaltered, on their respective web sites [All WDCs and GAWSIS, 28 February 2014]. Lucia Cappelletti has looked at this and it turns out that the various WDCs have different data policies. It was agreed that educational and policy related use of the data should be free and encouraged. There was also a question about what is meant by “substantial use of data”. This should be explained and defined in an updated data policy statement. TC pointed out that the world is moving more and more towards open use of data for any purpose. JK reminded the ET-WDC Members that some communities, such as the aerosol community, are picky with respect to data ownership. This is because scientists want to use their data in scientific publications. Atmospheric composition data are different from plain meteorological data in that they require a lot of expertise to be measured and they have a scientific value. This whole issue should be discussed in the EPAC SSC. Meantime, WDCs are still asked to implement this action item.

**A2014-26: Formulate an alternative data policy statement, taking into account educational and policy use, also taking into account A2014-10; JK to bring this up for decision by EPAC SSC once agreed by ET-WDC (TC, 30 Sep 2014)**

**Action Item A2014-10:** Draft an amendment to the GAW data policy requiring the quotation of a data acknowledgment statement for use in publications and request SSC EPAC to endorse it. [JK/MS, before next meeting of SSC EPAC]. → e-mail regarding A2014-08 and A2014-09 written to Greg after SSC meeting, result pending. **Item subsumed under A2014-23 and closed.**

There was not enough time to review the remaining Action Items, so they are carried over:

Action Item A2014-11: Provide input for empty sections in document [WDCPC, WDCA, WRDC, 31 March 2014] open

Action Item A2014-12: Create a mechanism for users to share conversion software [MS and JK]

Action Item A2014-13: Develop a GAW Data Quality Report by end of 2014 [JK to coordinate, all WDCs to contribute]. First milestone: Develop an outline based on doc 6.1, 6.2, 5.8 [JK, June 2014]

Action Item A2014-14: Develop a consistent data quality assessment scheme based on WOUDC approach [MS and TC to coordinate, all WDCs to contribute, September 2014]

Action Item A2014-15: WDC managers to share their list of metrics, ideally supported by charts, screenshots, documentation available [HK to coordinate and compile, September 2014]

Action Item A2014-16: Confirm with Secretariat and inform ET-WDC how the Secretariat can provide support in chasing silent stations to submit their data [GB, April 2014]

Action Item A2014-19: Describe the vision in a short paragraph to define the scope [JK, asap]

Action Item A2014-20: Develop the strategy report (internal) as input for scoping our contributions to the next GAW Implementation Plan [TC, with contributions by all, December 2014]

### **Next meeting**

Next telecon on 16 October, 12-14 UTC.