

GSICS WORKING GROUP ON DATA MANAGEMENT 3

TOKYO, 28 – 30 January 2009

PARTICIPANTS

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SUMMARY

1. Purpose of the meeting

The purpose of the meeting was to review the GSICS partners web pages, data management server service specification, resolve actions' issues and to further identify the work achievable in the near future of GSICS. The group investigated the following subjects.

- Locate a GSICS central website.
- Review of the existing GPRC websites.
- How to provide SADE database data.
- .Co

2. GDWG Discussions

Central Portal Discussion

The meeting started with discussion on how to go forward to on creating the GSICS central portal.

The WMO agreed that they can create a website with the domain name gsics.wmo.int which would follow the same approach as for the CGMS web site at: cgms.wmo.int. This new central page will be the top level home page for GSICS and will provide the following information:

- The pages shall be relatively static and provide general information for GSICS i.e. its mission statement and organisational goals. Existing information from the already existing GSICS web page under www.wmo.int GSICS can be used for the preparation of these pages.
- The top level page will be created and hosted on the WMO web server.
- A link shall be made to the current NOAA GCC website as it already contains a lot of the GSICS related information although this information shall be updated (see action 2).
- Links are also available to other GPRC GSICS related websites from the GCC pages directly related to GSICS and not the home website of the GPRC.

Action GDWG03_01: WMO to organise the preparation of the GSICS central page on the WMO website and to coordinate its content with the NOAA GCC web site. **End of March 2009.**

Review of NOAA Central Website (GCC) GSICS Web Pages

The Group then reviewed the GCC web pages and suggested necessary updates. This NOAA GCC website contains most of the information on GSICS and shall be updated with the latest information with support from the other partners.

- The current mission statements and the organisational goals (organisation link) on the NOAA GCC website are out of date. These should be reviewed and updated with support from all GSICS partners. Updates shall be ready for approval by the Executive Panel for their next meeting. This high level information should also be used for the preparation of the GSICS flyer.

Action GDWG03_02: NOAA GCC (Bob Iacovazzi) to collect and produce the update suggestions for the GCC web site with the support of the GSICS partners for presentation to the GSICS executive panel. **End of March 2009.**

- Updates were identified on the NOAA GCC website concerning the members of the GSICS personnel. This table is needs to be updated with the current primary points of contact for each GSICS partner. The procedure to do this is that all GSICS partners have to inform a member of the executive panel who will with then inform the WMO. NOAA GCC shall only update this list on request from the WMO.

Mention in the text Action GDWG03_03: All GSICS partners shall identify their primary point of contact (for GSICS working groups, operational issues) and inform the WMO via a member of the executive panel. **End of March 2009.**

- The Meeting section of the NOAA GCC website shall be used as a central point where presentations, agendas and documentation for GSICS WG meetings shall be uploaded prior to future GSICS WG meetings.

Action GDWG03_04: All GSICS partners shall in the future send these documents to the NOAA GCC so that they can be published prior to the GSICS meeting. **At least two weeks before the meeting.**

- The Products section of the NOAA GCC website requires example products from each GSICS partner as this section does not contain very much information yet.

Action GDWG03_05: All GSICS partners shall send example products to the NOAA GCC Robert Iacovazzi. Updates will then appear on the GCC website **End of May 2009.**

The discussion moved to adding instrument performance characteristics of each GPRC satellite onto the NOAA GCC website.

Action GDWG03_06: All GSICS partners shall propose contents of the instrument performance monitoring pages ref CGMS_36 NOAA WP14 which they intend to display on their own web sites. **End of July 2009.**

News is something that is important way to let GSICS partners and external users know what is evolving from the GISICS project. There is currently a lack of News from the partner organisations. Also the GSIC Quarterly Bulleting is a very good means of publishing news. Therefore it was again encouraged to collect news articles from all partners. CMA, JMA and KMA stated that they are considering contributing in future as well.

It was agreed that it is necessary to install a new section on the GCC pages which is accessible for members only. A single username and password should be passed to all GSICS members to access these pages.

Action GDWG03_07: NOAA GCC to investigate the possibility of creating this restricted access. **End of March 2009.**

NOAA has demonstrated the use of the TWIKI collaboration tool for the joint preparation of scientific documents. The group agreed that this tool should now be tested by all partners. To facilitate this a joint effort should be taken to prepare a first sample ATBD with TWIKI.

Action GDWG03_08: Robert Iacovazzi, Aleksandar Jelenak and Tim Hewison to prepare an example ATBD document and provide a recommendation on whether the tool fulfils this use. **End of July 2009.**

Action All GPRC partners to register with NOAA for TWIKI use,

The Links section needs to be updated and aligned as well.

Action GDWG03_09: NOAA GCC (Bob Iacovazzi) review and update the Links section. **End of March 2009.**

The documentation section shall provide additional basic documents for GSICS, like to procedure for product acceptance, the reference to the Climate and Forecast Meta Data Conventions and WMO Filename Formats. In addition some clear statements have to be introduced to state which basic documents are describing binding conventions and procedures.

Action GDWG03_10: NOAA GCC to start collecting this information for inclusion into the documentation section. **End of March 2009.**

Action GDWG3_?? A mechanism for documents for review and comments by GSICS partners should be investigated by NOAA. End May 2009

The Group agreed that the Opportunities link on the GCC web page should be removed.

Action GDWG03_11: NOAA GCC to remove the Opportunities link. **End of March 2009.**

It was emphasised the role (Terms of Reference) should appear more clearly on the NOAA GCC web site.

Action GDWG03_12: NOAA to highlight the role of the GRWG and GDWG by providing the ToRs on the GCC web site. **End of March 2009.**

Thereafter the group briefly reviewed the GSICS pages of JMA and EUMETSAT.

Review JMA GSICS Web Pages

The group complimented JMA for their impressive GSICS Web Pages. It was appreciated that the pages allow the download of results in different formats. It was suggested that this feature should be available on other GSICS partner's web sites as well.

Action GDWG03_13 GSICS partners to investigate whether the JMA website download option can be offered as well on their pages. **End of March 2009.**

Review EUMETSAT GSICS Web Pages

The Group felt that the GSICS presentation on the EUMETSAT web site presenting the Inter-Calibration services is confusing as it refers to GSICS but includes other services. It was recommended that all calibration information should appear in the GSICS project pages of EUMETSAT. It was suggested to remove the information on the GSICS WGs from the EUMETSAT GSICS pages, as this information shall be available from the central GCC web site.

Action GDWG03_14: EUMETSAT to review and overhaul the structure and content of their GSICS web pages. **End of March 2009.**

Review CMA GSICS Web Pages

A demonstration of a CMA GSICS prototype web pages was made during the joint session. The joint session took note and was pleased to hear that it is envisaged to release the CMA GSICS web pages in due time. It was recommended to CMA that the content for international usage should be presented in the English language.

Common Actions after review of all Web Pages:

Further small actions were identified. It was highlighted that for promotion purposes all partners shall display the updated GSICS logo on their GSICS pages. NOAA was asked to provide this to the partners.

Action GDWG03_15: NOAA to provide the GSICS partners with the updated GSICS logo. **End of March 2009.**

Action GDWG03_16: All partners shall display this GSICS logo on their GSICS related pages. **End of March 2009.**

Harmonisation of GSICS product presentation

After this discussion the Group spent some time discussing the optimisation of the GSICS product display on the websites. It was recommended that the GSICS results shall be stored in the agreed NetCDF3 formats and then made available for display by the GCC. The exchange format for GSICS (NetCDF) will allow for an easier display of result generated by the different partners. The delivery to external users could be done in any other user specific format, as long as the basic information is made available in NetCDF3 with the project.

THE GRWG is asked to define the content of the GSICS NetCDF files.

Action GDWG03_17: GRWG to define the content of their NetCDF files with support from the GDWG. **End of March 2009.**

Portal Resources

It was furthermore emphasised again that the GSICS web sites should be developed into a GSICS Web Portal. This Portal shall provide potential users with:

- access to all GSICS services;
- a clearing house functionality (allow to discover the GSICS products and services);

The need for GGSICS Web Portal specification document was identified and the GCC was asked to make a start on preparing such a document for discussion at a future GSICS WG meeting.

Action GDWG03_18: GCC to make a start on preparing a GSICS Web Portal specification document. **End of 2009.**

Retrieve data from the SADE database

Denis Blumstein was invited to discuss the access data from the SADE database to support the GSICS project. The following actions resulted from the outcome of this discussion.

Action **GDWG03_19:** CNES to clarify and defined the data (content, sizes, etc.) provided by the SADE database onto a dedicated FTP server. **End of May 2009.**

Action **GDWG03_20:** CNES shall clarify the joint access conditions (data policy ?) for the FTP server where the SADE data is located.

To access the FTP server, each GPRC shall nominate one dedicated person who has to register to get access.

Action **GDWG03_21:** All GPRC shall nominate one person to access the SADE FTP server where the SADE data will be presented.

Action **GDWG03_22:** All GSICS partners are invited to provide data to populate the SADE FTP server with their additional database.

GSICS Collaboration Servers Issues

After a brief presentation of the current status of the data management server design (EUMETSAT, Peter Miu) discussions begin to focused on creating the first version of the GSICS collaboration servers. NOAA and EUMETSAT have data management servers close to operational status. CMA, JMA and KMA are encouraged to develop their own servers. In the mean time, they are also invited to upload their data sets to the existing systems.

Action **GDWG03_23:** An operational service specification documentation (?) shall be defined for the current collaboration servers (EUMETSAT and NOAA) specifying the services, directory structures and operational parameters these server shall offer.

This document shall be submitted to the GRWG for comment and if necessary update. Once reviewed, the GSICS executive panel shall further review the document and when applicable, endorse it as the operational service specification that all GSICS data management servers shall follow in order to be part of the collaboration servers.

Recommendation GDWG03_??: All GPRCs are invited to create their own GSICS collaboration server.

Action **GDWG03_25**: NOAA and EUMETSAT to facilitate redundancy of the collaboration server services by mirroring data sets. Investigation shall take place to specify how data can be automatically uploaded between data management servers. **End of July 2009**

Action **GDWG03_26**: All GPRC are invited to test the EUMETSAT and NOAA collaboration servers once they are operational and comment on the usability and services provided.

Action **GDWG03_27**: All NetCDF data sets created by the GSICS working group shall adopt the Climate and Forecast Meta-data naming conventions ([give a Web URL for this in the minutes](#)).

3. Recommendations

During the working group discussion, the group worked towards bring GSICS into operations. Resulting from these discussions the following set of recommendations and actions were suggested to the final plenary joint meeting on day 3.

1. XXX
2. YYY

The group expressed their appreciation and thanks to JMA for hosting the GSICS Data Working Group 3

4. Actions

In relation to the above recommendations the following list of actions was established:

ACTION No.	ACTION	ACTIONEE
WG03_01	WMO to organise the preparation of the GSICS central pages on the WMO website and to coordinate its content with the NOAA GCC web site	WMO End XXX 2009
WG03_02	NOAA GCC (Bob Iacovazzi) to collect and produce the update suggestions for the GCC web site with the support of the GSICS partners for presentation to the GSICS executive panel.	GCC End XXX 2009
WG03_03	All GSICS partners shall identify their primary point of contact (for GSICS working groups, operational issues) and inform the WMO via a member of the executive panel.	GDWG, WMO, GCC End XXX 2009
WG03_04	All GSICS partners shall in the future send these documents to the NOAA GCC so that they can be published prior to the GSICS meeting.	GDWG, GCC End XXX 2009
WG03_05	All GSICS partners shall send example products to the NOAA GCC (Robert Iacovazzi).	GDWG, GCC End XXX 2009
WG03_06	All GSICS partners shall propose contents of the performance monitoring pages which they intend to display on their own web sites.	GDWG End XXX 2009
WG03_07	NOAA GCC to investigate the possibility of creating this restricted access.	GCC End XXX 2009
WG03_08	Robert Iacovazzi, Aleksandar Jelenak and Tim Hewison to prepare an example ATBD document and provide a recommendation on whether the tool fulfils this use.	GCC, EUMETSAT End XXX 2009
WG03_09	NOAA GCC review and update the Links section.	GCC End XXX 2009
WG03_10	NOAA GCC to start collecting this information for inclusion into the documentation section of their website.	GCC End XXX 2009
WG03_11	NOAA GCC to remove the Opportunities link.	GCC End XXX 2009
WG03_12	NOAA GCC to highlight the role of the GRWG and GDWG by providing the ToRs on the GCC web site	GCC End XXX 2009
WG03_13	GSICS partners to investigate whether the JMA website download option can be offered as well.	GDWG End XXX 2009
WG03_14	EUMETSAT to review and overhaul the structure and content of their GSICS web pages.	EUMETSAT End XXX 2009
WG03_15	NOAA to provide the GSICS partners with the updated GSICS logo.	GCC End XXX 2009
WG03_16	All partners shall display this GSICS logo on their GSICS related pages.	GDWG End XXX 2009
WG03_17	GRWG to define the content of their NetCDF files with support from the GDWG.	GRWG End XXX 2009
WG03_18	NOAA GCC to make a start on preparing a GSICS Web Portal specification document.	GCC End XXX 2009
WG03_19		

It was agreed that the report from GDWD 3 would be presented to the next GSICS Executive panel beginning of XXX 2009.

Any other business

The meeting of GDWG 3 was concluded with the review of actions and recommendations by the joint meeting of GRWD and GDWG. It was agreed that the next GDWG 4 meeting will be held together with GRWG 5 around XXX 2010 somewhere at XXX, YYY.