# GSICS Data Management Working Group Report

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# Outline

- Membership update

- GSICS User Messaging Service status update

- Review of the activities since the last meeting

- Highlights of the breakout session agenda
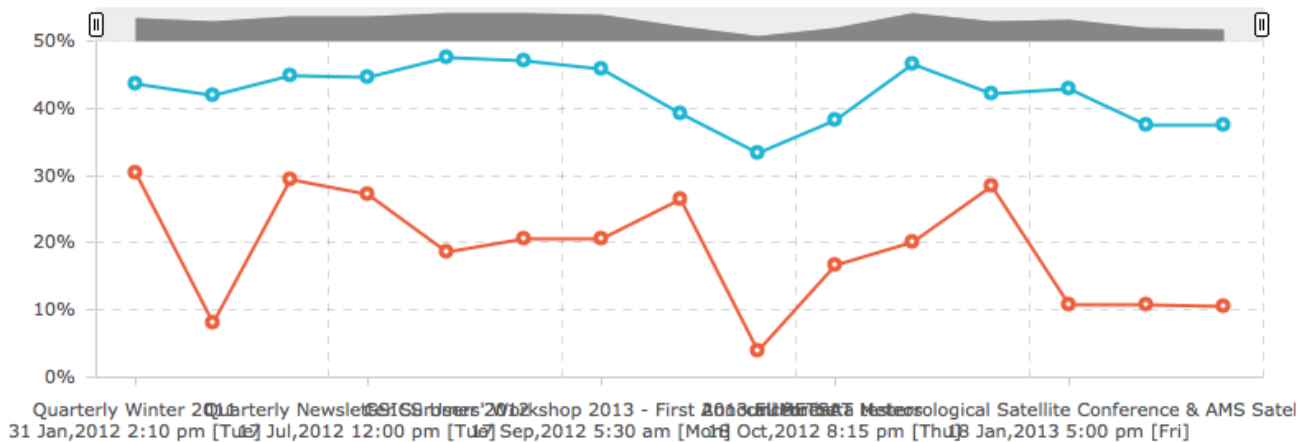
# Membership Update

New JMA representative:

Mr. Tetsuro Kurita

# User Messaging Service Update

- 218 subscribers
- Since last meeting:
  - 28 new subscribers added
  - 14 messages sent
- Message open (blue) and click (red) rates:

**Scan to sign up!**



Quarterly Winter 2012 Quarterly Newsletter Summer 2012 GSICS Users' Workshop 2013 - First Announcement 2013 EUMETSAT Meteorological Satellite Conference & AMS Satel
31 Jan,2012 2:10 pm [Tue]  17 Jul,2012 12:00 pm [Tue]  17 Sep,2012 5:30 am [Mon]  18 Oct,2012 8:15 pm [Thu]  18 Jan,2013 5:00 pm [Fri]

# Action Items Review

- 33 action items from the last Joint Meeting

- All completed!

- Not aware of any older action items still not completed or closed

- Given low participation by member organizations it is likely the working group will adopt a different approach from this year: a list of open-ended tasks inviting volunteers to take on

# Achievements

- Product catalog

- GEO-LEO-IR netCDF template

- Support for the NOAA and EUMETSAT GEO-LEO IR products transitioning into the preoperational phase

- Special commendation to: EUMETSAT for providing the resources and Peter Miu for the leadership in developing the bias monitoring plotting web app

# Breakout Session Highlights

- Common THREDDS configuration
- NetCDF format for new data sets
- Satellite instrument event log
- NetCDF metadata validation tool
- Official documents
- Preparation for 2013 users' workshop
- Roadmap to 2014 and beyond

# Common THREDDS Configuration

- How to organize correction products based on the algorithm type, instrument class, anything else…

# Common THREDDS Configuration (cont)

- Represent third-party products
- Mirror products from other data servers
- Create virtual datasets by aggregating multi-file products along time dimension
- Dataset viewers
- Minimal common content on dataset pages

# New Data Sets NetCDF Format

- If any new data sets are planned notify your GDWG representative or chairman as soon as possible

- Hint: this meeting is an excellent opportunity

# Instrument Event Logging

- NOAA proposed an abstract data model but has no resources for an implementation

- The model can be used both for storing and exchanging event information

- That model is now in the joint NOAA/NASA draft ISO 19115-2 metadata standard revision proposal

- EUMETSAT seems to have the resources for an implementation

- NOAA and EUMETSAT will continue to collaborate towards a common concept

# NetCDF Metadata Validation Tool

- Objective validation – takes humans out of the process
- Modular design allows for validation of both common and data producer specific content
- Works with local and remote netCDF files
- Executed as a typical UNIX command line program

# Official Documents

- Use of the wiki as document preparation and hosting solution is deprecated

- Need to migrate a few wiki pages into documents

- At the last year's meeting GDWG tasked to come up with a process for numbering official documents (standards, technical reports/notes, white papers, etc.)

# 2013 Users' Workshop

- 15-min slot reserved for data management
- Live demonstration on how to find, plot, and use our data rather then a presentation
- Any feedback received from your users can help us plan

# Roadmap

- The data production and distribution framework is almost complete

- Long term data life cycle

- Processing history of each individual file

- Services for improving understanding of GSICS data

- Interfacing with SCOPE-CM