Really brief report of

GISC Tokyo operation

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This talk

- Brief history of GISC/DCPC Tokyo
- Activities as GISC/DCPC
- Contribution to int'l standardization

GISC/DCPC Tokyo

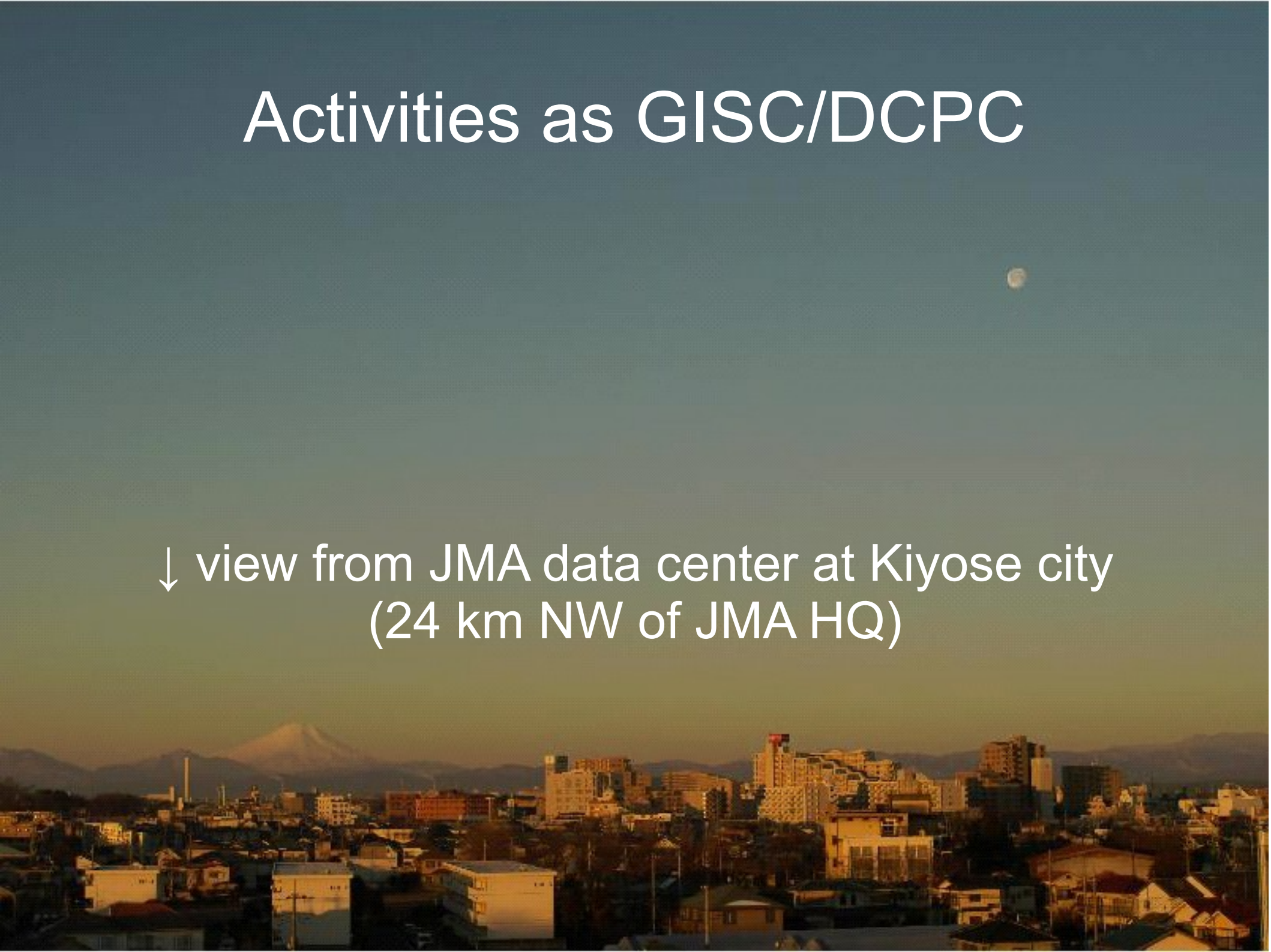
- Designated by Congress-15 Jul 2011
- Operational since Aug 2011
- DCPCs
  - RTH
  - RSMC-Geographical: mainly NWP
  - RSMC-Typhoon Centre
  - RSMC-EER
  - Satellite
  - Tokyo Climate Center
  - WDC Greenhouse Gases

WIS Portal


WIS Portal - GISC Tokyo
Welcome to Tokyo Global Information System Centre!
Home
About WIS
Warning
KML
WMO format
Metadata
Help Desk
News
Home
RSS
Welcome to the Tokyo Global Information System Centre!
This portal web-site is operated by the Japan Meteorological Agency(JMA) in its capacity as a GISC (Global Information System Centre) for the WMO Information System (WIS).
Please proceed to:
Overview of WIS
List of JMA's WIS services relating to its capacity as a GISC and a DCPC
List of JMA's single sign-on services
User Guides including Tutorial Slides of DAR service
Data in text (warnings), raw WMO Codes and KML
Recent Posts
Cloud database maintenance
—Posted on 4/23/2013
JMA will change its wind profiler data on March 6th.
—Posted on 2/6/2013
JMA Workshop on WMO Information System Implementation
—Posted on 12/28/2012
JMA will change its wind profiler data
—Posted on 12/27/2012
WIS Application Pilot Project (PP-App) website open!
—Posted on 12/5/2012
www.wis-jma.go.jp/cms/

Activities as GISC/DCPC

↓ view from JMA data center at Kiyose city
(24 km NW of JMA HQ)



GSM data service

気象庁 Japan Meteorological Agency

JMA High-Resolution GSM Data Service

Home | Tutorial | Product Information | Model Information | Download | Help Desk

JMA High-Resolution GSM Data Service

With a resolution of 0.1875 degrees (approximately 20 km), the Japan Meteorological Agency's Global Spectral Model (GSM) has one of the highest horizontal resolutions of any operational global model in the world.

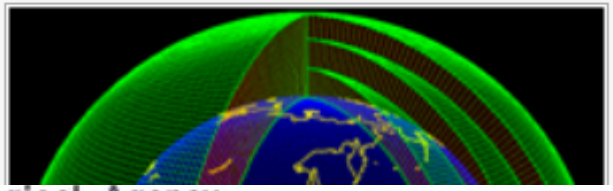
This website provides data from JMA's GSM at a resolution of 0.5 degrees (0.25 degrees for surface layers) on an operational basis.

Users can access and retrieve the following forecast outputs:

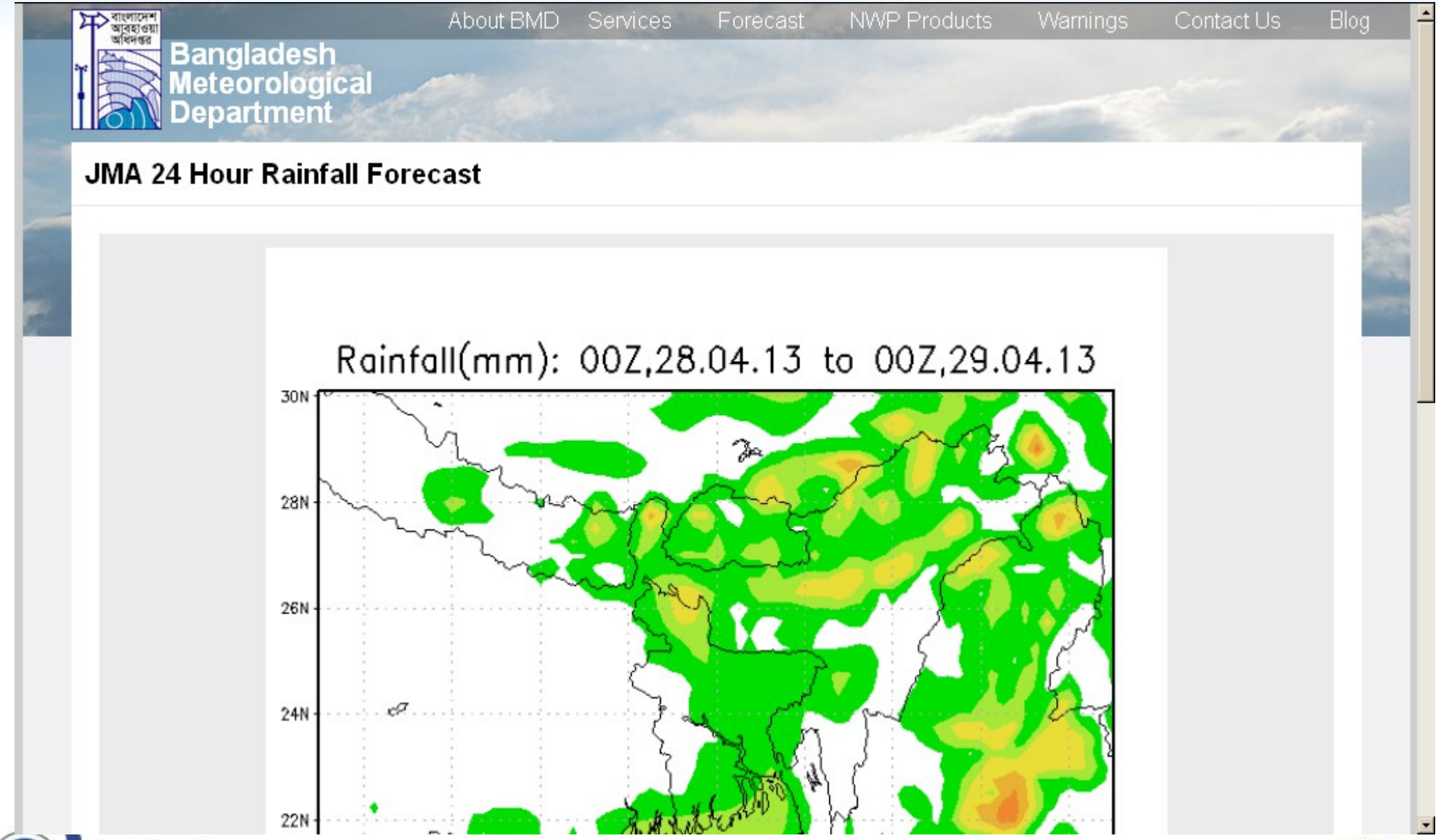
- Up to 84 hours four times a day (with initial times of 0000, 0600, 1200 and 1800 UTC) within 4 hours of the initial time
- Up to 216 hours once a day (with an initial time of 1200 UTC) within 7 hours of the initial time

For further information,see:

- **Tutorial** for instructions on downloading data
- **Product Information** for details of products
- **Model Information** for a model profile
- **Download** for access to GSM products in GRIB2 format
- **GISC Tokyo's website** for access to GSM products in KML format



GSM used in Bangladesh



SATAID data on Web

Home | Data for SATAID | The SATAID Application | Manual | Terms of Use | Help Desk

SATAID Service

provided by DCPCs of JMA.

Data for SATAID

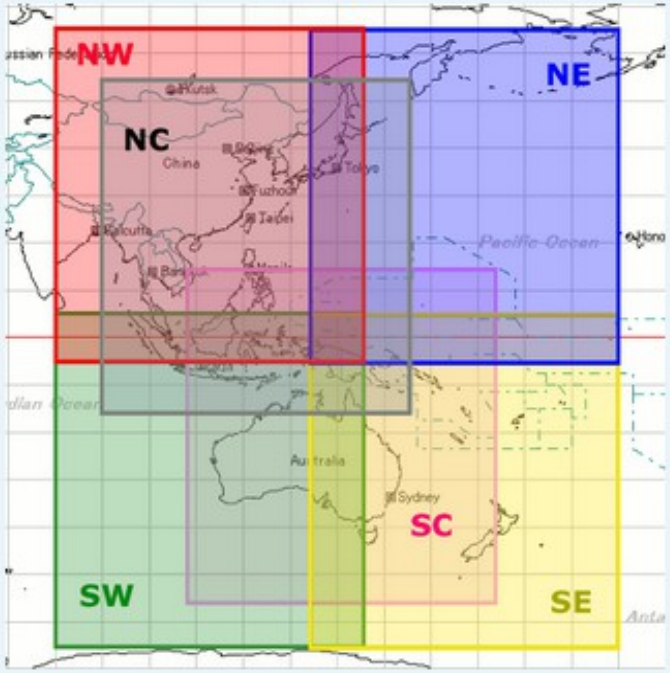
- Before using these data, please check *use conditions of SATAID Service*

Area

Data sets of six areas are provided in this service. Please select *Area Name* from menu bar when you download data.

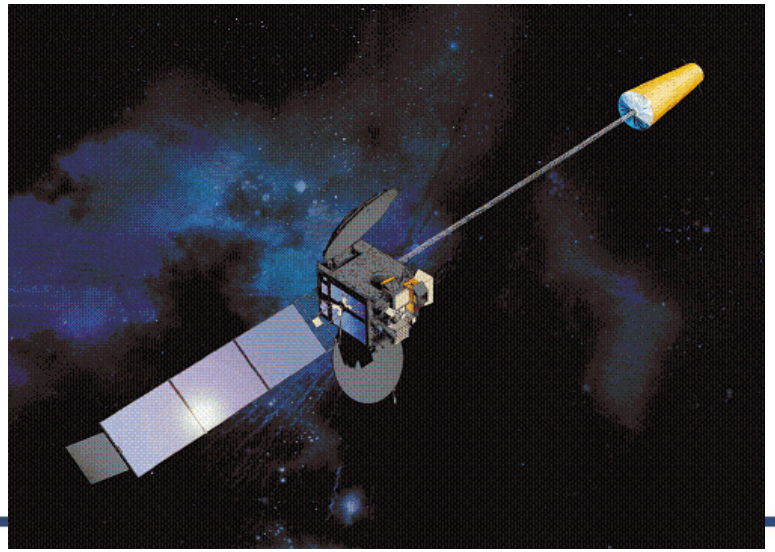
Definition of areas and information is indicated by right figure and table below.

Abbr.	Area Name	Latitude	Longitude	Sum of Size
NC	North Central	55N-15S	90E-155E	1.7GB/3day
NW	Northwest	65N-5S	80E-145E	1.6GB/3day
NE	Northeast	65N-5S	135E-200E	1.5GB/3day
SC	South Central	15N-55S	107.5E-172.5E	1.2GB/3day
SW	Southwest	6N-65S	80E-145E	1.1GB/3day
SE	Southeast	6N-65S	135E-200E	1.0GB/3day



Satellite-based services

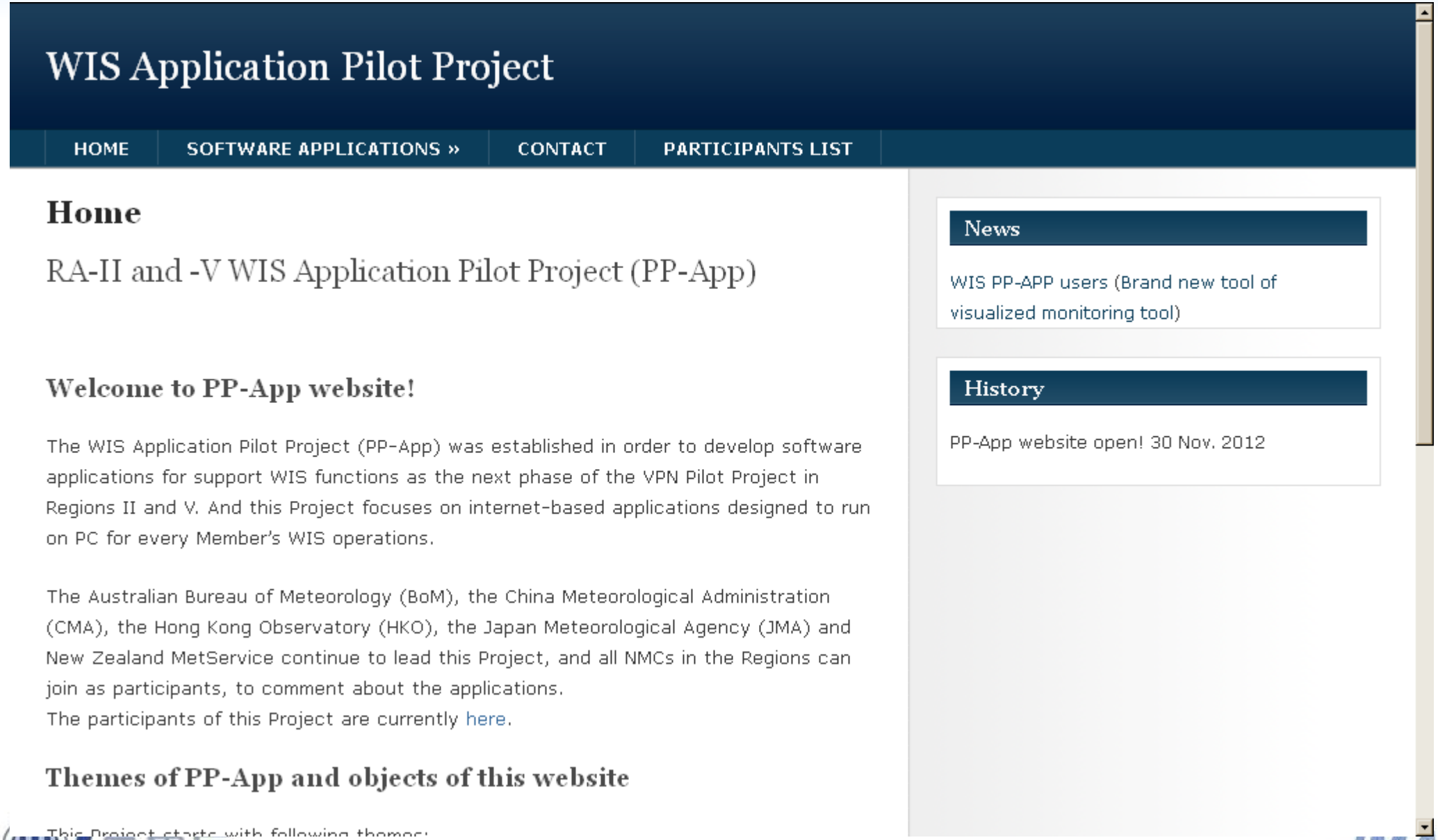
- DCP (Data Collection Platform)
- Imagery dissemination
  - MTSAT HRIT/LRIT (to be closed 2015)
  - Commercial satellite
  - Please fill out JMA's questionnaire!



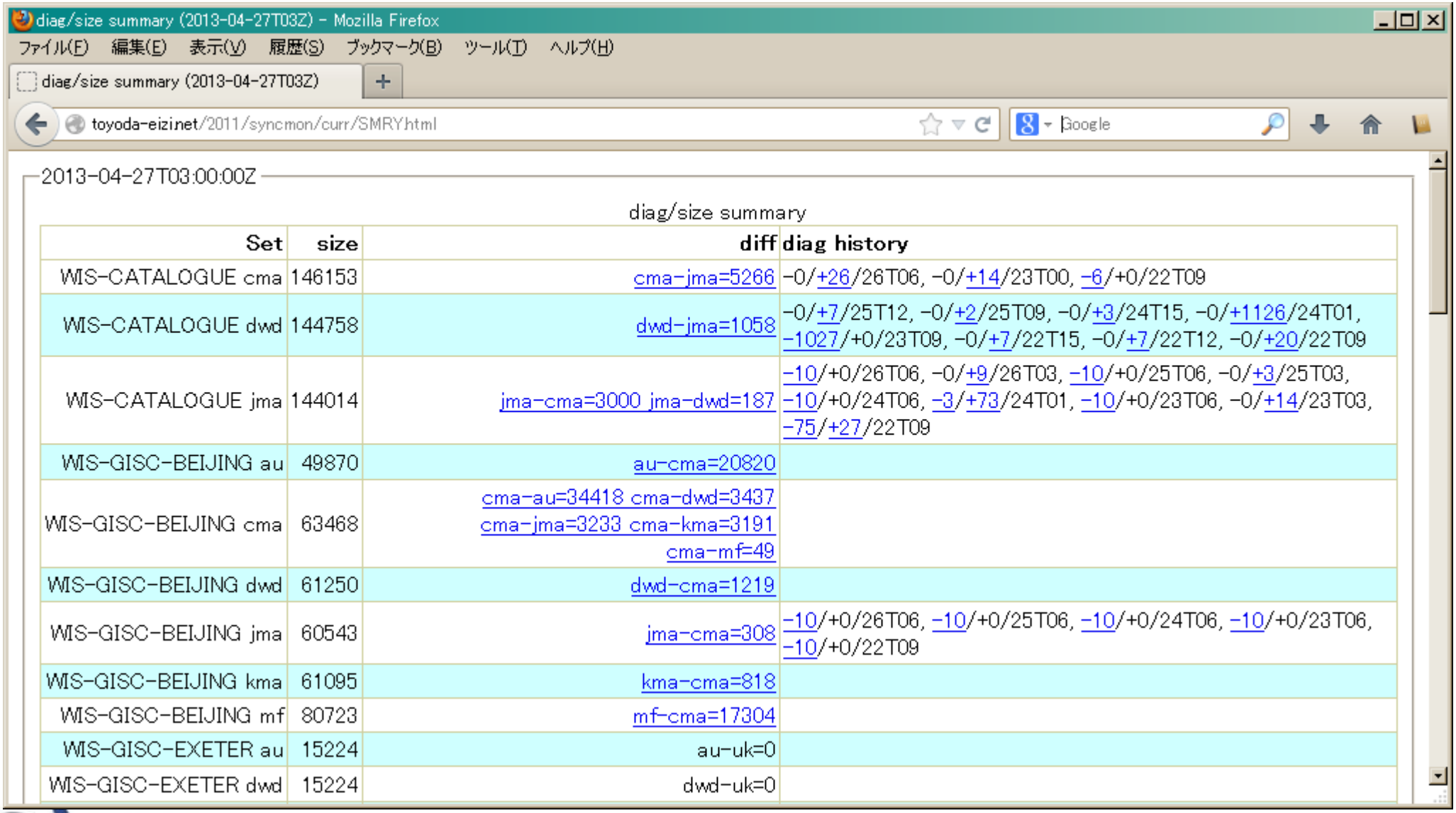
JMA WIS Workshop, October 2012

Contribution to Int'l standardization

RA-II/V WIS App Pilot Project



http://toyoda-eizi.net/2011/syncmon

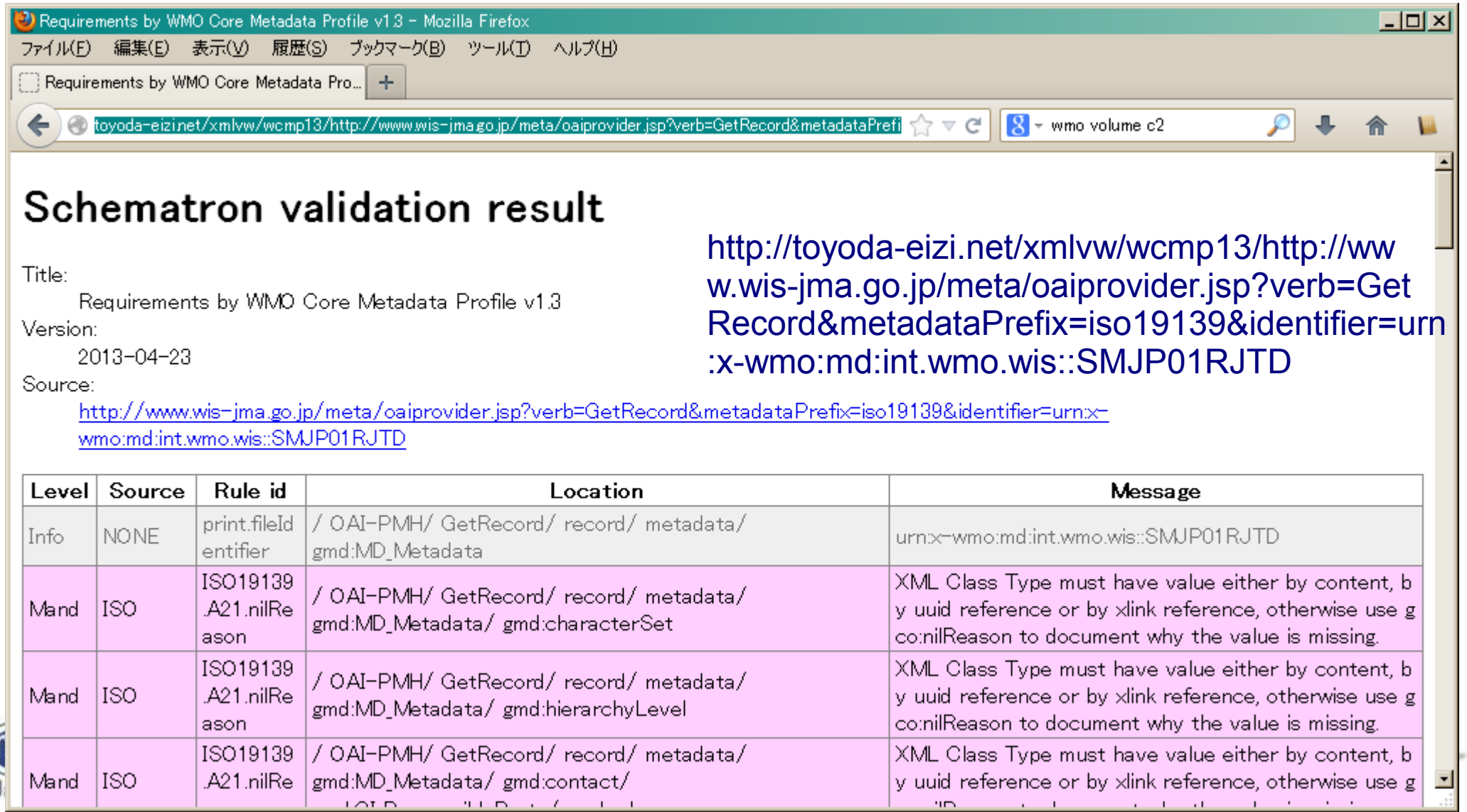


2013-04-27T03:00:00Z

diag/size summary

Set	size	diff	diag history
WIS-CATALOGUE cma	146153	cma-jma=5266	-0/+26/26T06, -0/+14/23T00, -6/+0/22T09
WIS-CATALOGUE dwd	144758	dwd-jma=1058	-0/+7/25T12, -0/+2/25T09, -0/+3/24T15, -0/+1126/24T01, -1027/+0/23T09, -0/+7/22T15, -0/+7/22T12, -0/+20/22T09
WIS-CATALOGUE jma	144014	jma-cma=3000 jma-dwd=187	-10/+0/26T06, -0/+9/26T03, -10/+0/25T06, -0/+3/25T03, -10/+0/24T06, -3/+73/24T01, -10/+0/23T06, -0/+14/23T03, -75/+27/22T09
WIS-GISC-BEIJING au	49870	au-cma=20820	
WIS-GISC-BEIJING cma	63468	cma-au=34418 cma-dwd=3437 cma-jma=3233 cma-kma=3191 cma-mf=49	
WIS-GISC-BEIJING dwd	61250	dwd-cma=1219	
WIS-GISC-BEIJING jma	60543	jma-cma=308	-10/+0/26T06, -10/+0/25T06, -10/+0/24T06, -10/+0/23T06, -10/+0/22T09
WIS-GISC-BEIJING kma	61095	kma-cma=818	
WIS-GISC-BEIJING mf	80723	mf-cma=17304	
WIS-GISC-EXETER au	15224	au-uk=0	
WIS-GISC-EXETER dwd	15224	dwd-uk=0	

WCMP Schematron Validator can take result of OAI-PMH GetRecord



Summary

- Tokyo GISC and DCPCs operational since August 2011
- Services as GISC/DCPCs
- Contribution to int'l activity
  - RA-II/V WIS App Pilot Project
  - Experts of CBS/OPAG-ISS