Earthdata UTC Meeting 08.04.2015

- 1. Attendance
- 2. EMS Status
- 3. Earthdata Login
- 4. Earthdata
- 5. User Support Tool
- 6. CMR/ECHO/EDSC
  - CMR/ECHO System Status
  - CMR Release Status
  - Earth Data Search Client Release Status
  - ECHO/Reverb Release Status
- 7. GIBS
- 8. Open Floor

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1. Attendance

Please make a comment at the bottom of this agenda to record your attendance.

2. EMS Status

Nelson Casiano

- **ECS 8.3.4 DAACs Testing/Transition to Operations**
  - NSIDC - In operations
  - LARC - Testing in UAT - transition to operations soon
  - LP DAAC - Testing beginning in UAT
- **Upcoming/Ongoing Activities with Data Providers**
  - MODAPS - Setting up new provider (MODAPSNRT3)
  - OBPG - Changing provider name (OB_DAAC)
  - GHRC - Adding AMSR2NRT to EMS
  - LP DAAC - Setting up OpeNDAP Metrics in EMS
  - ORNL - Setting up new data file format in EMS

3. Earthdata Login

Peter Smith

Kenneth Cockerill

- **URS Integration Information on SSO and the API's can be found on** Wiki
- **DAAC On-boarding Status and Integration Schedule can be found on** Wiki
  - Get in touch (Peter Smith or Stanley Stewart) if you are having trouble accessing any of the Wiki areas
- **URS4 Development**
  - Current Sprint 2.52
  - In Production(Release 4.32)

4. Earthdata

System Issues

- Earthdata SIT deployment error caused outages in PROD, UAT and SIT - 08/03/15 3:11-3:42pm ET

Brett McLaughlin

- **Earthdata Content**
  - Meeting with NASA customer (Steve Berrick) to discuss content needs in 2015 and beyond
- **Earthdata Website**
  - Earthdata 3.0 out and being updated in real-time (front-page images, featured articles, etc.)
  - Conduit (content management system for Earthdata) evolving to better support content needs
- **ECC**
  - Continued on boarding of new projects
    - Reminder: JIRA (issue tracking), Confluence (wiki), Stash (git repository), Bamboo (testing and deployment)
  - Interested? Contact support@earthdata.nasa.gov and visit https://ecc.earthdata.n

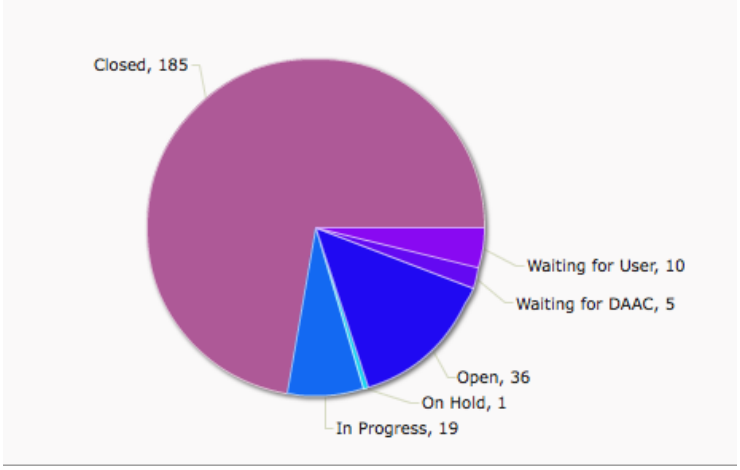
5. User Support Tool

Stanley Stewart

UST (Kayako) Issues since Last UTC

	Closed	In Progress	On Hold	Open	Waiting for DAAC	Waiting for User
ASDC	21	1		4	3	
CDDIS	1					
ECC	6			4		
ECHO	6			1		
ESDIS Management				1		
Earthdata	12	2		4		1
Earthdata Search		10				1
FIRMS	7					1
GCMD	11	2		1		
GHRC	8	1		4		
GIBS	1					
LANCE	3			2		
LPDAAC	47		1	6	2	
ORNL DAAC	5					
PO.DAAC	11	3		6		5
Reverb	5					
SEDAC				1		
URS	39			1		2

Worldview	2			1		



6. CMR/ECHO/EDSC

Doug Newman

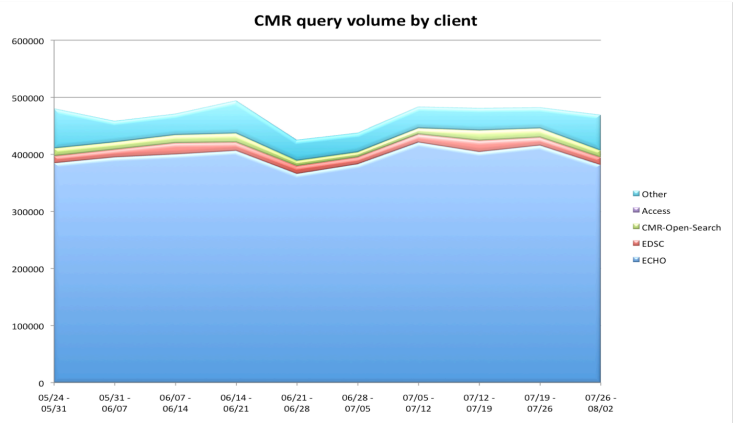
CMR/ECHO System Status

System Issues

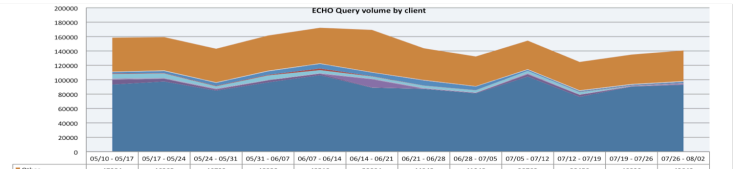
- DNS server issues caused degraded service 07/24/15 - 07/28/15
- ECHO elastic problems caused indexing backup of inventory - 07/30/15 1:30pm - 07/31 9pm ET
- Earthdata SIT deployment error caused outages in PROD, UAT and SIT - 08/03/15 3:11-3:42pm ET

Recent Metrics

CMR client usage

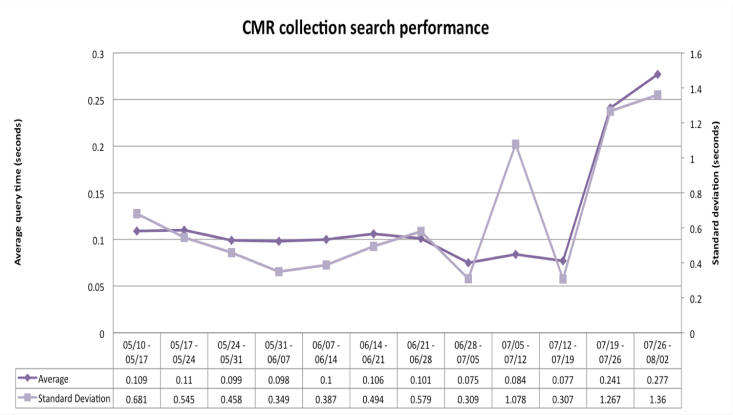


ECHO Client Usage

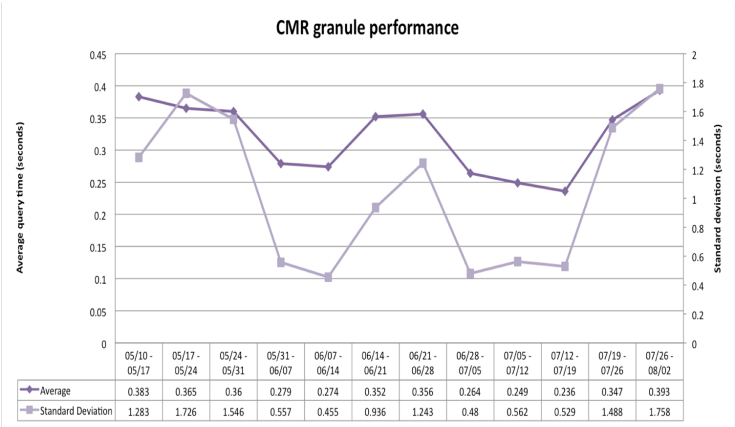


	05/10 - 05/17	05/17 - 05/24	05/24 - 05/31	05/31 - 06/07	06/07 - 06/14	06/14 - 06/21	06/21 - 06/28	06/28 - 07/05	07/05 - 07/12	07/12 - 07/19	07/19 - 07/26	07/26 - 08/02
Other	47284	46365	46723	48932	49519	58804	44048	41248	39763	39450	40922	42643
LPDAAC2Disk	350	546	402	398	457	266	179	258	397	411	397	293
AUTOMOD	78	78	142	250	78	60	78	60	138	78	78	78
CSWSoap	0	0	0	0	0	0	0	0	0	0	0	0
CrisApiUi	170	197	155	172	154	188	409	160	202	318	382	535
UAH	35	35	35	35	35	34	35	35	35	35	35	35
OpenSearch	0	0	0	0	0	0	0	0	0	0	0	0
CRT	1859	2795	4059	4865	6407	4928	7076	4993	1533	1257	1223	1787
PUMP	781	574	676	838	2362	473	257	235	61	343	377	377
EDSC	0	0	0	0	0	0	0	0	0	0	0	0
MODAPS	0	20	0	0	0	0	0	0	0	0	0	0
CWICTest	0	0	0	0	0	0	0	0	0	0	0	0
AVAPC	6196	6196	3098	6196	4139	3098	3098	3098	3098	3098	0	0
Worldview	1146	892	691	486	720	736	863	433	979	645	769	583
Giovanni	0	0	0	0	0	0	0	0	0	0	0	0
GSFCS4PA	62	79	43	42	43	58	45	46	53	34	62	61
GESDISC	756	28	788	38	9	11276	4	0	708	30	22	1105
SSW	0	0	0	0	0	0	0	0	0	0	0	0
CWICSOAP	0	0	0	0	0	0	0	0	0	0	0	0
CWICPROD	0	0	0	0	0	0	0	0	0	0	0	0
GMUCWICWrapper	6527	3979	1541	2940	2140	533	461	787	3030	2825	133	314
Reverb	93221	97472	84746	96257	106180	88843	87179	80911	104359	76123	90490	92906

CMR Query Performance



	05/10 - 05/17	05/17 - 05/24	05/24 - 05/31	05/31 - 06/07	06/07 - 06/14	06/14 - 06/21	06/21 - 06/28	06/28 - 07/05	07/05 - 07/12	07/12 - 07/19	07/19 - 07/26	07/26 - 08/02
Average	0.109	0.11	0.099	0.098	0.1	0.106	0.101	0.075	0.084	0.077	0.241	0.277
Standard Deviation	0.681	0.545	0.458	0.349	0.387	0.494	0.579	0.309	1.078	0.307	1.267	1.36



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Average	0.383	0.365	0.36	0.279	0.274	0.352	0.356	0.264	0.249	0.236	0.347	0.393
Standard Deviation	1.283	1.726	1.546	0.557	0.455	0.936	1.243	0.48	0.562	0.529	1.488	1.758

CMR Release Status

PROD: 1.29

UAT: 1.30

SIT: 1.30

Earth Data Search Client Release Status

PROD: 0.38

UAT: 0.38

SIT: 0.38

ECHO/Reverb Release Status

In Operations: 10.101

Sprint Ended:

Selected Issues

ECHO-416
legacy ingest should be configurable to ingest straight to CMR

ECHO-414
Validation not applied for Order Page in Aster Workflow

ECHO-399
As a Provider, I want ordered Virtual Product Granules to be sent to my Order Fulfillment endpoint with the ids of their original source granules

ECHO-395
Must be able to dynamically enable/disable tree widget elements based on relevancy rules in ECHO forms.

In Partner Test and Test Bed: 10.102

Sprint Ending:

Selected Issues

ECHO-367
ACL Creation failing in PT PUMP for new provider

ECHO-399
As a Provider, I want ordered Virtual Product Granules to be sent to my Order Fulfillment endpoint with the ids o…

ECHO-389
Back button in ASTER order workflow should preserve previous option selections

ECHO-407
Lightning Button text for LANCE AMSR2 NRT

ECHO-441
Re-tune Garbage Collection Parameters for ECHO for java 1.8

In Development: 10.103

Sprint Ending:

Selected Issues

ECHO-446
EndDateTime in temporal range of ASTER GED data in Reverb is wrong

ECHO-437
Pump throws exception when accessing DataQualitySummaryAssignments of a cmr-only provider

ECHO-436
ESI: Difficult to tell when Upload ECHO form for Collection was last performed

ECHO-399
As a Provider, I want ordered Virtual Product Granules to be sent to my Order Fulfillment endpoint with the ids of their original source gra…

Planned Maintenance

05 Aug 2015

- OPS OS patching
- Misc. OS patching

12 Aug 2015

- Earthdata Search 0.40 to UAT
- CMR 1.30 to PROD
- CMR 1.31 to UAT
- ECHO 10.102 to Operations
- ECHO 10.103 to Partner Test
- Test Bed OS patching

7. GIBS

Matthew Cechini

- **New/Planned Products**

    - MODIS Collection 6 - Atmosphere & Land Reprocessing
        - Provided imagery to atmosphere science team for review.
        - Waiting on delivery of land imagery from MODAPS
    - ASTER GDEM - 30m Global DEM Grayscale Shaded Relief, Colored Shaded Relief
        - Grayscale Shaded Relief - Under review
        - Colored Shaded Relief - Final (hopefully) processing to complete 8/4
- **GIBS New Production Release**
    - Performing full integration and performance testing
    - Preparing for transition to new hardware for production imagery
    - WMS/CMR & FTP handler preview releases delivered and being integrated by development team.

8. Open Floor

1. Future discussion of Earthdata Service Desk usage
2. Reminder re OPeNDAP input
3. Richard Strub (Goddard) will talk to ESDIS (Andy Mitchell) offline about possibly exposing some non-NASA data in the CMR.