# Earthdata UTC Meeting 6.9.2015


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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

- **UAT EMS to UAT URS connectivity resolved**
- **EMS Testing of ECS 8.3.4 DAACs in UAT to begin today**
  - NSIDC and LARC

## 3. URS

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 2.48
  - In Production(Release 4.31)

## 4. Earthdata

Brett McLaughlin

- **Earthdata (website) 3.0 released and live**
  - Ongoing development and content population
  - File all bugs/concerns/etc. via Earthdata feedback button or support@earthdata.nasa.gov
- **Earthdata TIM June 10**
  - Recasting of Earthdata vision and direction
  - Requirements gathering for next phase of Conduit (Earthdata-specific CMS)
- **Earthdata User Interface (EUI) available for use at https://cdn.earthdata.nasa.gov/eui/docs**

## 5. User Support Tool

Luther Lighty

### Kayako Tickets since Last UTC Meeting

| | Closed | In Progress | Open |
|---|---|---|---|
| ASDC | 73 | 4 | 13 |

| | | | |
|---|---|---|---|
| ASF | 3 | | |
| CDDIS | | | 1 |
| ECC | 1 | | 1 |
| ECHO | 2 | | |
| ED Search | 1 | | 1 |
| Earthdata | 11 | | 3 |
| FIRMS | 18 | | 3 |
| GCMD | 2 | | 1 |
| GHRC | 5 | 1 | |
| LPDAAC | 52 | 3 | 5 |
| MODAPS | 1 | | 1 |
| NSIDC | 1 | | 1 |
| ORNL DAAC | | | 3 |
| PO.DAAC | 6 | 1 | 7 |
| PO.DAAC Forum | 1 | | |
| Reverb | 8 | | 8 |
| Testing | | | 1 |
| URS | 41 | | 6 |
| Worldview | 3 | | 1 |

# 6. CMR/ECHO/EDSC

Doug Newman

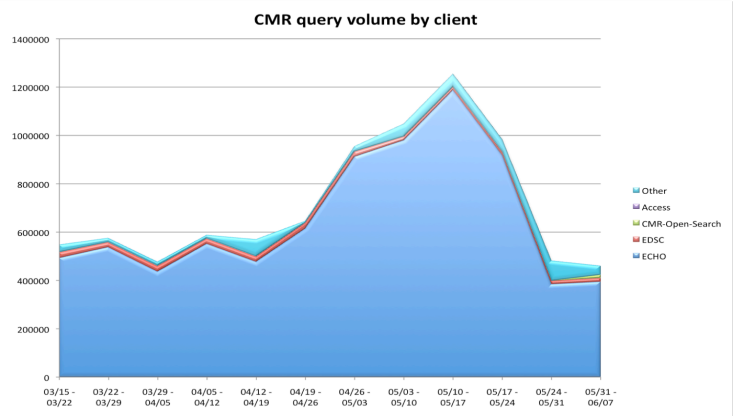
## CMR/ECHO System Status

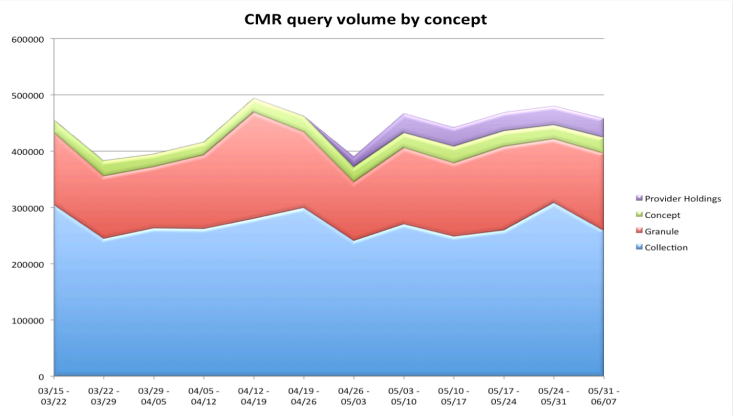
### System Issues

- None

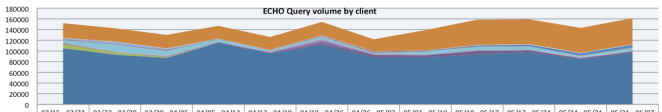
### Recent Metrics

## CMR query break down



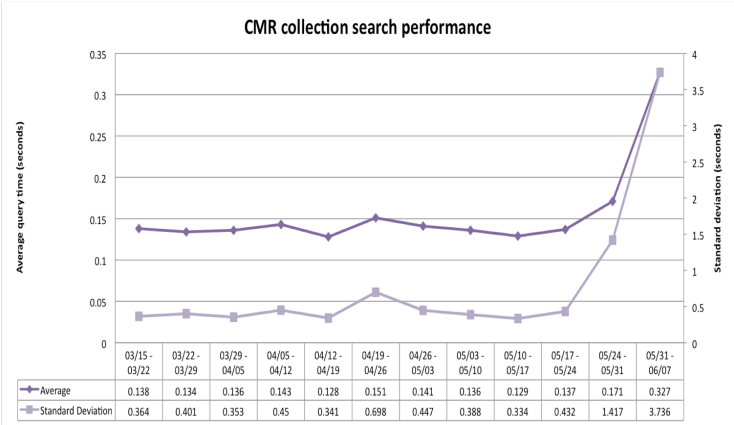




## ECHO Client Usage




| | 03/15 - 03/22 | 03/22 - 03/29 | 03/29 - 04/05 | 04/05 - 04/12 | 04/12 - 04/19 | 04/19 - 04/26 | 04/26 - 05/03 | 05/03 - 05/10 | 05/10 - 05/17 | 05/17 - 05/24 | 05/24 - 05/31 | 05/31 - 06/07 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Other | 27647 | 24900 | 25337 | 23979 | 24343 | 25226 | 22395 | 37919 | 47284 | 46365 | 46723 | 48932 |
| LPDAAC2Disk | 390 | 274 | 407 | 111 | 333 | 318 | 264 | 165 | 350 | 546 | 402 | 398 |
| AUTOMOD | 78 | 372 | 48 | 18 | 78 | 108 | 78 | 78 | 78 | 78 | 142 | 250 |
| CSWSoap | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CrtApiUi | 135 | 255 | 196 | 205 | 171 | 195 | 225 | 181 | 170 | 197 | 155 | 172 |
| UAH | 14 | 14 | 14 | 14 | 44 | 35 | 35 | 35 | 35 | 35 | 35 | 35 |
| OpenSearch | 1469 | 3854 | 2091 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CRT | 549 | 505 | 555 | 599 | 585 | 565 | 539 | 757 | 1859 | 2795 | 4059 | 4865 |
| PUMP | 867 | 468 | 1032 | 44 | 337 | 899 | 1390 | 676 | 781 | 574 | 676 | 838 |
| EDSC | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MODAPS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 |
| CWICTest | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AVAPC | 4647 | 12733 | 9294 | 4647 | 1549 | 4647 | 1549 | 5548 | 6196 | 6196 | 3098 | 6196 |
| Worldview | 581 | 555 | 709 | 452 | 1317 | 3193 | 1737 | 1387 | 1146 | 892 | 691 | 486 |
| Giovanni | 568 | 559 | 323 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GSFCS4PA | 69 | 85 | 57 | 52 | 60 | 57 | 41 | 59 | 62 | 79 | 43 | 42 |
| GESDISC | 1657 | 295 | 1053 | 799 | 799 | 4632 | 760 | 40 | 756 | 28 | 788 | 38 |
| SSW | 8055 | 4443 | 1769 | 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 | 166 | 108 | 242 | 512 | 957 | 2982 | 4815 | 4450 | 6527 | 3979 | 1541 | 2940 |
| Reverb | 105074 | 93063 | 86997 | 115552 | 95544 | 111498 | 87980 | 87822 | 93221 | 97472 | 84746 | 96257 |

## CMR Query Performance

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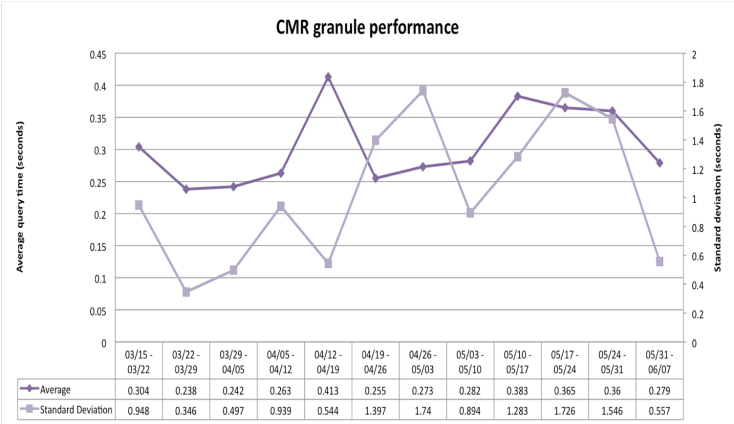
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Average | 0.138 | 0.134 | 0.136 | 0.143 | 0.128 | 0.151 | 0.141 | 0.136 | 0.129 | 0.137 | 0.171 | 0.327 |
| Standard Deviation | 0.364 | 0.401 | 0.353 | 0.45 | 0.341 | 0.698 | 0.447 | 0.388 | 0.334 | 0.432 | 1.417 | 3.736 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Average | 0.304 | 0.238 | 0.242 | 0.263 | 0.413 | 0.255 | 0.273 | 0.282 | 0.383 | 0.365 | 0.36 | 0.279 |
| Standard Deviation | 0.948 | 0.346 | 0.497 | 0.939 | 0.544 | 1.397 | 1.74 | 0.894 | 1.283 | 1.726 | 1.546 | 0.557 |

## CMR Release Status

Operational Release: **1.25**

UAT Release: **1.26**

In Development: **1.27**

## Earth Data Search Client Release Status

Operational Release: **0.34**

UAT Release: **0.35**

In Development: **0.36**

## ECHO/Reverb Release Status

### In Operations: 10.97

Sprint Ended: 5/18/2015

**Selected Issues**

| Key | Summary |
|---|---|
| ECHO-369 | PUMP should be able to create and configure providers in the CMR |
| ECHO-360 | Investigate if anything is reading from ECHO datastore instead of CMR datastore |
| ECHO-167 | Reverb taking too long to place an order |

## In Partner Test & Test Bed: 10.98

Sprint Ended: 6/1/2015

**Selected Issues**

| Key | Summary |
|---|---|
| ECHO-369 | PUMP should be able to create and configure providers in the CMR |
| ECHO-360 | Investigate if anything is reading from ECHO datastore instead of CMR datastore |
| ECHO-167 | Reverb taking too long to place an order |

## In Development: 10.99

Sprint Ending: 6/12/2015

**Selected Issues**

| Key | Summary |
|---|---|
| ECHO-382 | ECHO schema files should be put on to CDN page |
| ECHO-312 | User session corruption |
| ECHO-403 | Ensure duplicate order items are adequately tested |
| ECHO-358 | Save Granule Results as csv gives csv with no granules in it |
| ECHO-391 | Support generation of schema documentation and deployment to the CDN |
| ECHO-393 | ECHO shall provide a capability to create a catalog item ACL with CREATE, UPDATE or DELETE permissions. |
| 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 and the appropriate option selection. |
| ECHO-398 | Reverb should load facet valids from CMR and should load the minimum metadata necessary |
| ECHO-385 | Reverb browse download: progress bar stays at 0% for long time before timeout |
| ECHO-389 | Back button in ASTER order workflow should preserve previous option selections |
| ECHO-395 | Must be able to dynamically enable/disable tree widget elements based on relevancy rules in ECHO forms. |

# Upcoming Events

### Planned Maintenance

**10 Jun 2015**

- EDSC 0.35 to PROD
- EDSC 0.36 to UAT
- TB/SIT OS patching for ECHO/CMR

**17 Jun 2015**

- ECHO 10.98 to Operations
- ECHO 10.99 to Partner Test
- CMR 1.26 to Production
- CMR 1.27 to UAT
- PT/UAT OS patching

# 7. GIBS

Matthew Cechini

- **New/Planned Products**
  - MODIS Collection 6 - Atmosphere & Land Reprocessing
    - Reviewed Atmosphere imagery with science team, identified issues, waiting on MODAPS to reprocess.

        - Received science team feedback, waiting on MODAPS to reprocess.
    - ASTER GDEM - 30m Global DEM Grayscale Shaded Relief, Colored Shaded Relief, Colored Index
        - Reviewing generated GIBS layers & addressing image seams.
    - AMSR2 NRT - Rain/Ocean Products
        - Coordinating with LANCE element re: imagery generation and testing
- **GIBS New Production Release**
    - Targeting week of June 29th for transition to new hardware for production imagery.
    - WMS/CMR handler under development

# 9. Open Floor