

ETC Minutes - 4/14/2009

Tuesday, April 14, 2009
4:00 PM

Attendees

- Matt Cechini (ECHO)
- Andy Mitchell (ESDIS)
- Dan Pilone (ECHO)
- Cristina Bories (ECHO)
- Linnette Quick (ECHO Ops)
- Frank Corprew (ECHO Ops)
- Ed Seufert (WIST)
- Doug Fowler (NSIDC)
- Amanda Leon (NSIDC)
- Renea (NSIDC)
- Frank Schaffer (NSIDC)
- Donna Scott
- Cathy Fowler
- Matt Martens (LPDAAC)
- Dan Traut (LPDAAC)
- Dawn Siemonsma (LPDAAC)
- Lisa Baatz (USGS_EROS)
- Ben McMurry (ORNL)
- Chris Finch (PODAAC)
- Lindsay Parker (LARC)
- Ed Seiler (GSFCS4PA)
- Marilyn Drewry (GHRC)
- Evelyn Nakamura (ECS)
- Jon Pals (ECS)
- Rosy Cordova (GCMD)

Agenda

1. ECHO Operations Status
2. Browse Recovery Plans
3. ECHO & WIST 10.10 Plans
4. Results Sorting Status
5. ACL Creation Review
6. NASA Earth Science Imagery (NESI)
7. Upcoming Events
 - a. ECHO/WIST 10.10 to Operations (4/22/09)
8. Other Questions/Issues

1. ECHO Operational Status

The ECHO Operational Performance/Activity Metrics are as follows. These metrics are for the week of 3/29 - 4/11

- Total # Queries (end-user) - 35052
- Average Query Time - 37.34s
- Query Time Std. Dev - 323.85s
- Total # Orders - 4127
- Total # ECHO Users - 6209 (+217)

ECHO experienced an unplanned outage Friday 4/11 through the following morning relating to a hardware issue on the machine hosting the Operational database. ECHO SAs worked with our product vendor to resolve the issue, and were unable to do so within a reasonable amount of time on Friday. The decision was made to failover to our standby frame. This activity took longer than it has in the past, but is a procedure which is better understood by our current SAs and should be an item that completes faster in the future. The now-secondary machine continues to be worked on to restore it to 100% capabilities.

2. Browse Recovery

ECHO continues to work with its data providers to restore the lost browse image files. The status is as follows:

- LPDAAC - Exporting ASTER browse and beginning export to external drives.
- LARC - Exporting all browse images via BMGT.
- NSIDC - Beginning export to external drives.
- LAADS - Switched to 100% online URLs. Ingest and reconciliation is ongoing.
- GSFCS4PA - Awaiting browse files from GSFCS4PA. Will use online URLs in the future.

3. ECHO/WIST 10.10 Planning

ECHO/WIST 10.10 were initially scheduled for release tomorrow 4/15, but this has been delayed until 4/22 in order to allow ECHO system administrators more time to resolve all issues experienced last Friday. We expect the recovery effort to complete this week.

4. Results Sorting Update

Previous approaches discussed during the ETC did not meet the needs of the ECHO data partners. Discussion was held with NSIDC outside of the ETC to resolve the issue further. ECHO will continue to look into a long term solution where results will be sorted temporally. In the meantime, an updated message will be placed in WIST. This message is being written by NSIDC and will be sent to all data providers for review when ECHO has received it.

5. ACL Creation

As a reminder to providers developing ACLs in ECHO, rules will apply to all collections or all granules. It is not possible to have a rule explicitly apply to granules within a specific set of collections. There have been a few questions regarding this lately to ECHO Operations.

NSIDC's version 4 deletion will initially mark all version 4 data as not visible. After all granules except the golden month are deleted, then the remaining granules will likely be opened for specific registered users.

6. NASA Earth Science Imagery Google Widget

ECHO is developing a google widget which will allow the general public (not specifically science users) the ability to request on-demand images generated from MOD02 data hosted at LAADS. Images will be generated based on a specific date and time and will then be available for all users to view. ECHO will develop slides regarding this topic for review by ECHO partners.

7. New Client Development

ECHO is currently working on requirements for a new client which will search and order data from ECHO. This will not initially replace WIST, but will be developed concurrently. At some point in the future, ECHO foresees discontinuing support to WIST, but will continue with sustaining engineering efforts to the current tool. In order to better understand what functionality ECHO users want, we would like to have a

focus group with ECHO partners to help drive the development of requirements. ECHO will begin discussing this with our data partners and user services contacts. Any feedback or ideas are welcome as we consider capabilities for this client.

8. Upcoming Events

- ECHO/WIST 10.10 to Operations (4/15/09 10:30am EST)

9. Questions

None.