

# ETC Minutes - 03/03/2009

Tuesday, March 03, 2009  
3:00 PM

## Attendees

- Matt Cechini (ECHO)
- Dan Pilone (ECHO)
- Linnette Quick (ECHO)
- Mark Solomon (WIST)
- Andy Mitchell (ESDIS)
- Doug Fowler (NSIDC)
- Amanda Leon (NSIDC)
- Frank Schaeffer (NSIDC)
- Renea Ericson (NSIDC)
- Matt Martens (LPDAAC)
- Lisa Baatz (USGS\_EROS)
- Julie Leubke (USGS\_EROS)
- Dawn Siemonsma (LPDAAC)
- Dan Traut (LPDAAC)
- Ed Seiler (GSFCS4PA)
- Merlie Hanson (SEDAC)
- Ben McMurry (ORNL)
- Chris Finch (PODAAC)
- Jon Pals (ECS)
- Lela Prasad (ASU)

## Agenda

1. ECHO Operations Status / EDG2WIST Status
2. ECHO & WIST 10.9
3. ECHO & WIST 10.10
4. ECHO & WIST 10.11
5. Additional Attribute Type Handling Ticket Review (Revisited)
6. NCR 11004171 - PUMP ACL UI Simplification
7. Upcoming Events
  - a. ECHO Preventative Maintenance (3/4/09 6:00am - 12:00pm)
  - b. ECHO/WIST 10.9 to Partner Test (3/5/09)
8. Other Questions/Issues

## 1. ECHO Operational Status / EDG 2 WIST Status

The ECHO Operational Performance/Activity Metrics are as follows. These metrics are for the week of 2/15 - 2/28

- Total # Queries (end-user) - 36889
- Average Query Time - 29.58s
- Query Time Std. Dev - 280.11s
- Total # Orders - 4129
- Total # ECHO Users - 5591 (+277)

The 2/28/09 EDG decommissioning has come and gone. A final valids run was processed and made available for all EDG instances. This run did not include any data sets, which effectively removed all data from EDG.

- All user traffic to the GSFC EDG is being redirected to the WIST welcome page. All other EDG instances are encouraged to do a similar forwarding. The forward will be in place on the GSFC "EDG" until the end of the ESDIS Survey process. Other data centers are encouraged to leave their redirect up for at least that long. The topic will be revisited at that time.
- Redirect status:
  - **NSIDC** - Not in place yet. Still sorting out technical aspects. Doug will send some additional information to Mark Solomon.
  - **LPDAAC** - Not in place yet. Updated the web page with information. Decommissioning hardware soon.
  - **LARC** - Not Present.

## 2. ECHO & WIST 10.9

ECHO and WIST 10.9 will be available in Partner Test on Thursday 3/5. Providers are encouraged to verify all NCRs submitted in this and prior releases during this 2 week verification period. Items of note in this build are:

- Order Auto-population performance improvements
- BrowseOnly Search fix
- Leading Zeros in Metadata fixed

A full list of NCRs fixed in ECHO and WIST can be found in TestTrack Pro.

### 3. ECHO & WIST 10.10

ECHO and WIST 10.10 is now available in Testbed. There is a change in the Collection ingest DYD and Schema, so providers are encouraged to update their export tools before 10.10 is operational. A copy of the updated schema can be provided. Items of note in this build are:

- Science Keyword updates in ECHO
  - 🔥 ▪ Providers will need to update collection metadata exports.
- WIST Orthographic Map Updates

A full list of NCRs fixed in ECHO and WIST can be found in TestTrack Pro.

### 4. ECHO & WIST 10.11

ECHO and WIST 10.11 are currently in development. A list of notable NCRs that are included in this build is found on the ECHO website (About ECHO > Future Releases). The Additional Attribute Ticket, which completed review during this ETC, will be implemented during 10.11. There will be a change to the collection and granule ingest schema/DTD, so providers are encouraged to read the ticket and be aware of the specific changes. Items of note in this build are:

- WIST Science Keyword Searching
- Additional Attributes
- PUMP ACL UI Simplification
- Spatial Query Performance improvements
- WIST Forgot password username/email verification
- Outer/Inner Boundaries display on granule attributes page

A full list of NCRs fixed in ECHO and WIST can be found in TestTrack Pro.

## 5. Additional Attribute Type Handling Ticket Review

The ticket for this review was sent to all ECHO data and client partners prior to the meeting and was attached to the agenda. The purpose of this review is to address concerns raised during the previous ETC. There were 3 notable concerns raised during the first review, which ECHO has discussed and has a proposed resolution that addresses those concerns. The ticket was updated with a section explicitly stating the impact for each data provider and giving additional information regarding the proposed approach.

- Date/Time Format & Time Zone Concern
  - In order to address the concern where ECHO would be enforcing a date and time format, or imposing a time zone where one was not specified, ECHO will support 3 "Custom" additional attribute data types. Custom\_Date, Custom\_Time, and Custom\_DateTime will be provided so that providers who do not wish to have their date/time attributes strongly typed and validated may still

represent their data in ECHO. These Custom\_data types will be string values and not validated for content. Providers still wanting strong date/time validation will have that option if they desire.

- All are in agreement.
- Rejections
  - There was concern regarding ECHO rejecting data according to standards which the providers do not enforce. This was primarily focused on the date/time fields. ECHO will continue to enforce type validation to ensure that values match the designated data type for all non Custom\_types. ECHO will also enforce range validation on values, if a range is specified in the collection metadata.
  - All are in agreement.

## 6. NCR 11004171 - PUMP ACL UI Simplification

NCR 11004171 requests an enhancement to the PUMP rules page which currently can become very difficult to read depending on the types of rules which are configured. A mockup was sent out to data providers for review. The proposed page would have a simplified listing of each rule, from which providers could then view or update rules to see the entire list of information.

- Dan Traut - How is the additional detail viewed?
  - The "View" button will take the user to the full rule view page.
  - Dan approves.
- Amanda - Approves the changes.
- ECHO will wait for any additional comments from providers not on the ETC, however it is decided that these changes are approved by all present.

## 7. Upcoming Events

- ECHO Preventative Maintenance (3/4/09 6:00am - 12:00pm EST)
- ECHO/WIST 10.9 to Partner Test (3/5/09 10:30am EST)

## 8. Questions

- 11004424 - Order of GLAS NOSE PSAs.
  - Doug Fowlers reported that having this issue fixed in 10.12 is fine with NSIDC.