



DIDs External Advisory Group Meeting Minutes

Nov. 28, 2012 10:00 – 2:30

Attendees:

Pat Drinnan (SDW)	Bill Richards (TPR)
Lori Husak (Alberta Energy)	Graham Morris (TPR)
Robert Tonovic (Alberta Energy)	Rick Reid (Silvacom)
Evert Smith (Access Pipelines)	Ross Conner (Matrix Solutions Inc.)
Jessica Hoachla Access Pipelines)	Jim Chorel (AltaLIS)
Laurel Swayze (Altus Geomatics)	Leah Lilley (AltaLIS)
Wade Ewen (Cenovus Energy Ltd.)	Wendy Amy (MNC)
Brad Ashley (MMM Geomatics Alberta Ltd.)	Ellen Styner (MNC)
Pauline Peterson (ESRD)	
Phil MacKenzie (ESRD)	

Minutes:

1. Welcome : Pat Drinnan reviewed agenda and the purpose for the EAG which includes:
 - Identifying concerns & difficulties
 - Making recommendations for changes or additions to enhance DIDs product
 - Regularly review EAG makeup
 - Regularly review EAG effectiveness

The Terms of Reference were reviewed and can be found at www.spatialdatawarehouse.ca
Introductions: Each attendee introduced themselves and explained what they hoped to get out of this/and the following sessions.

2. Review DIDs+ product.
3. General Comments from the group:
 - a. Attribution
 - The address field is updated from Crown Land data stored at Energy. The client is responsible to notify Energy of any changes.
 - It would be useful to have the ERCB reclamation date of the activity included in the DIDs+ dataset
 - It was clarified that dimensions are what ESRD submits into the system from the plan which is what is in GLIMPS and the Land Standing Report
 - All changes pushed through ETS are updated in the DIDs product
 - The LTO plan number is not required to be submitted to ESRD, if it is provided then ESRD will add into GLIMPS
 - It is very important to the users to have general comments on reservations
 - Discrepancy descriptions and sub types could be added to the discrepancy code to provide more detail

- b. Formats & Distribution
 - It was suggested that links be added to the AltaLIS Website for ESRD and Energy, linking directly to the manuals for GLIMPS
- c. Enhance Spatial Coverage
 - HRV – historical resource value (culture) data would be good data set to add to the DIDs mapping
 - Complete provincial coverage of dispositions would be a benefit. There are a large number of known activities on the land yet there does not seem to be plans for these activities at LTO, ESRD or the ERCB.
 - There is no incentive or enforcement of the regulations to have clients submit amended plans to LTO or ESRD.
 - Approximately 10 % of dispositions that are applied for are not in use, yet still active.

DIDs EAG Break-Out Session

- A) Identify the top 3 – 5 most important item/idea you would like to be developed next.
- B) Articulate each item
- C) Justify why it is important
- D) Describe how to execute this idea

Group # 1

A) Most important Item / idea

1. Accuracy of DIDs
2. Web Services
3. Dispositions on Metis Land

B) Articulate each item

1. **Accuracy of DIDs**
 - i. Work towards better spatial accuracy overtime and better define the compilation metadata
2. **Web Services**
 - i. Offer **Web Services** as a form of distribution– WMS, WFS
3. **Dispositions on Metis Land**
 - i. Map **Dispositions in Metis Land** - could include TITLES and Cadastral as well

C) Justify why it is important

1. Accuracy of DIDs

- i. Without improved spatial accuracy there is a risk that in the future the product will outgrow its usefulness as future technologies will support better accuracy (i.e. GPS)
- ii. There is a risk that competitors will enhance the spatial accuracy – therefore presenting a risk to the competitiveness of the current product
- iii. Better spatial accuracy reduces additional work for users
- iv. Better spatial accuracy enhances the reliability of the data resulting in better decision making
- v. Better compilation metadata and a more systematic/definable approach to mapping helps to clearly convey how/when the data should be used.

2. Web Services

- i. Supports Technology Utilization – Trends (iPod)
- ii. Reduces redundancy (multiple copies of data within organizations)
- iii. Saves resources required to load/update in house
- iv. Supports currency
- v. Supports single source ideal
- vi. Supports wide usability – i.e. Google
- vii. Supports accessibility 24/7
- viii. Supports users with limited GIS experience – i.e. Google users

3. Dispositions on Metis Land

- i. Eliminates a gap (hole in the spatial coverage), therefore supporting better decision making
- ii. Results in data consistency which supports better decision making
- iii. Supports eventual one stop shop

D) Describe how to execute this idea

1. Accuracy of DIDs

- i. Review compilation specs – determine how they could be improved to meet objective
- ii. Require standard GeoRef technique i.e. PPP
- iii. Enhance discrepancy cycle
- iv. Tie improvement information to CAD submission (perhaps on another layer to be used by mappers)
- v. Develop Field work program
- vi. Define improvement approach: Problem -> Report -> Fix cycle
- vii. Re-evaluate standards of submissions
- viii. Improve Identification of “As-built” Survey
- ix. Build As-built layer or surveyed layer
- x. Get buy in from ALSA, consult with them on approach
- xi. Utilize Crowd sourcing

2. Web Services

- i. Build requirements – i.e. 24/7, symbology, currency
- ii. Build Sample -> get feedback from EAG group
- iii. Specify technology requirements (Open Source, Architecture, Response time, RFP – RFI)
- iv. Define functionality(feature or map service, extract, permissions)
- v. Develop the Business Case
- vi. Seek funding model (payback, ROE)
- vii. Integration with other features (Web services for other AltaLIS data sets)
- viii. Profile model > data sharing
- ix. Outputs (pdfs, extracts)

3. Dispositions on Metis Land

- i. Who has data if any? Find source
- ii. Negotiation
- iii. Maintenance Model
- iv. Funding Model
- v. Review other layers on Metis land (title/cadastral)
- vi. Define the compilation/integration Process
- vii. How does DIDs+ fit? i.e. extra attributes

Group # 2

A) Most important Item / idea

1. Data Format
2. DWG Metadata
3. Represent all Interest on Public Lands
4. As Built
5. Discrepancy Report Instruction manual

B) Articulate each item

1. Data Format

- i. Data Format that supports enhanced display capabilities. Shape is not the best.
- ii. A format that supports standard symbology

2. DWG Metadata

- i. DWG Metadata enhanced so it is clear when downloading from the AltaLIS website when the DWG data was created
- ii. DWG needs more metadata to advise update date on AltaLIS website ordering page

3. Represent all Interest on Public Lands

- i. Represent all disposition interests in public lands e.g. FME / TPA / CTL etc.

4. As Built

- i. As Built as constructed and extent of interest

5. Discrepancy Report Instruction manual

- i. Instruction manual on discrepancy reporting to include:
 1. How DIDs is compiled
 2. How to submit a discrepancy
 3. Estimate response time
 4. Online submission process, DIDs Forum to share tips, tricks etc.

C) Justify why it is important

1. Data Format

- i. More user friendly and accessible to others, saves time.

2. DWG Metadata

- i. Clarity on data creation

3. **Represent all Interest on Public Lands**
 - i. Required to support land use decisions
4. **As Built**
 - i. Improve accuracy of the extent of interest
5. **Discrepancy Report Instruction manual**
 - i. Online submission process, DIDs Forum to share tips, tricks etc.

D) Describe how to execute this idea

1. **Data Format**
 - i. Committee to come up with the requirements
2. **DWG Metadata**
 - i. Put on the order form, update the date of file
3. **Represent all Interest on Public Lands**
 - i. Improve accuracy of the extent of interest
4. **As Built**
 - i. Set up committee with CAPP. Requires a change in GoA regulations. Potential Pilot Project.
5. **Discrepancy Report Instruction manual**
 - i. Set up forum and website and create a manual.

Group # 3

A) Most important Item / idea

1. Add temporary workspaces, OSEs, TFAs, DWD locations
2. Map service delivery / file Geodatabase delivery
3. Filling in the holes (Private lands, Parks, etc.)
4. Linkable survey file / survey detail (ex. well site corner elevations)
5. Reclamation certificates (RCs), DWDs, spills
6. As-builts

B) Articulate each item

1. **Add temporary workspaces, OSEs, TFAs, DWD locations**
 - i. Non-surveyed footprints / clearings associated with dispositions
2. **Map service delivery / file Geodatabase delivery**
 - i. More modern delivery mechanisms
3. **Filling in the holes (Private lands, Parks, etc.)**
 - i. Areas not yet fully mapped
4. **Linkable survey file / survey detail (ex. well site corner elevations)**
 - i. Pdf of survey linked to polygon
5. **Reclamation certificates (RCs), DWDs, spills**

- i. Features / additional information associated with dispositions

6. As-builts

- i. As-built extents of disposition

C) Justify why it is important

1. Add temporary workspaces, OSEs, TFAs, DWD locations

- i. Helps provide context for decisions in day to day business
- ii. Increases confidence in data

2. Map service delivery / file Geodatabase delivery

- i. Time saver
- ii. Cost saver
- iii. Easier to use

3. Filling in the holes (Private lands, Parks, etc.)

- i. Completes dispositions (ex. currently some dispositions end at a park then start up again on the other side)

4. Linkable survey file / survey detail (ex. well site corner elevations)

- i. Helps provide context for decisions in day to day business
- ii. Increases confidence in data

5. Reclamation certificates (RCs), DWDs, spills

- i. Helps provide context for decisions in day to day business
- ii. Increases confidence in data

6. As-builts

- i. Helps provide context for decisions in day to day business
- ii. Increases confidence in data

D) Describe how to execute this idea

1. Add temporary workspaces, OSEs, TFAs, DWD locations

- i. Capture on a go forward basis

2. Map service delivery / file Geodatabase delivery

- ii. S/W development, spec definition, H/W acquisition

3. Filling in the holes (Private lands, Parks, etc.)

- iii. Capture historic then maintain going forward (similar to existing DIDs)

4. Linkable survey file / survey detail (ex. well site corner elevations)

- iv. Acquire PDFs of dispositions, add link to disposition polygons

5. Reclamation certificates (RCs), DWDs, spills

- v. Link existing databases

6. As-builts

- vi. Enforce submission of as-builts (as an amendment) at ESRD