DIDs External Advisory Group Meeting Minutes

June 6 10:00– 2:30

Attendees:

Pat Drinnan (SDW)
Beth Thola (Lac La Biche County)
Lori Husak (Alberta Energy)
Robert Tonovic (Alberta Energy)
Ross Conner (Matrix Solutions Inc.)
Dana Lee (Mission Geospatial Ltd.)
Evert Smith (Access Pipelines)
Laurel Swayze (Altus Geomatics)
Wade Ewen (Cenovus Energy Ltd.)
Karen Sheremata (Daishowa-Marubeni International Ltd.)
Brad Ashley (Maltais Geomatics Inc.)
John Rogers (Millar Western Forest Products)
Juliana Wafula (ATCO Electric)
Justin Ngan (Regional Municipality of Wood Buffalo)
Pauline Peterson (ESRD)
Phil MacKenzie (ESRD)
Jim Chorel (AltaLIS)
Leah Lilley (AltaLIS)
Wendy Amy (MNC)

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 of progress to-date including 'Client Name' as part of the product.
   SDW has had an initial meeting with the GOA to discuss. Our next meeting was delayed due to Election and SRD/Environment merging. We will continue to work on this as the top priority coming from EAG.

3. Review of ideas brought forth at the January Stakeholder session:
   a. Additional Attribution
      General Comments:

-Include all attributes from GLIMPS
-Question raised regarding putting attributes in the shape file or in an external database (MDB) – not resolved
-Primary (service) client should be added on shape file (if not in MDB) and additional clients in external comma delimited text file. Add a field for count of clients.
-Include GLIMPS version date
-Add additional attributes to APPL shape file only (if not in MDB)
-Add input/update date from AltaLIS
-GLIMPS Schema and Data Dictionary needs to be published

b. Formats & Distribution

General Comments:
-DWG format needs metadata to state when data was created
-AutoCAD object data
-ERCB has AutoCAD requirements
-SRD require certain applications in AutoCAD
-WMS/WFS would provide on demand, up-to-date access
-Ideal distribution would be WFS whereby data could be extracted by a number of comprehensive search queries, ie township, polygon, disposition type, range of townships, etc. and CLIPPED, ZIPPED & SHIPPED.
- Ability to download 1 DIDs type at a time

c. Enhance Spatial Coverage

General Comments:
-More content means better decision making
-Add Environment and Energy dispositions
-Add Aboriginal Lands
-Add Transportation dispositions
-Add Municipal Affairs dispositions
-Federal Lands – Canada Land Surveys
- Metis
-DIDs on private land
-Private Lands activities are very important to ATCO
-Try and incorporate ERCB data

4. Breakout session (see next page for results)

5. Wrap-up: The next meeting date will be in September. Meeting minutes and the slides will be posted on the SDW website.

DIDs EAG Break-Out Session

Topic #1 Additional Attributes

How would it add value?
What attributes are most important?

Table #1
- Road Class – second table with further road info: i.e. Ownership/contact info, build date, is there a 3rd Party Agreement, etc.
- What's in the pipe (substance)
- Plan number from LTO
- License number (private land) from ERCB
- Reservation Date (when reservation was enacted) i.e. PNT1992 Protective Notation
- Metadata for attribute information schema
- Help Desk for attribution or include descriptions on the DIDs word document
- Make all publically available data available to the public

- Not on GeoDiscover - FWMIS (Fish & Wildlife Management Information System – rare plants and wildlife); Caribou Reserves & Wildlife Special Areas (13-14)

Table #2
- Good to have all in one place instead of going to 2 places DIDs & GLIMPS (ownership & approval date)
- All attributes that can be provided while maintaining confidentiality
- Organizations are already joining the information – it would make sense to have it in the same version
- Will save organizations time and effort if this data is included
- Give users the knowledge of what is out there; ability to answer more questions
- Standardized data will be a benefit by having it in one place
- Visual is better
- The power of a GIS is the content
- Consistency in what decision makers are using for their base data (talk the same talk)
- Access to GLIMPS is complex and onerous
- Need full data dictionary
- Add numeric code in discrepancy field instead of Yes/No so users can be aware of the discrepancy problem type.

Table #3
- Activity Status
- All Dates (especially amended date for surveyor use)
- Surface purpose - SRD may have this in GLIMPS (prefer to have data joined in spatial format)
- Dimension (representation vs actual surveyed) - discrepancies in accuracy are not understood in usage of data causing perceived errors in plan applications

Topic # 2 Enhanced Formats

How would new formats add value?
What formats or distribution options are most important?

Table #1
- Annotation feature class (text/labels) for CAD users (keep format as simple as possible, maintain consistency)
- Download by polygon and type
- Ability to download an individual layer by type. i.e Just an LOC layer
- FME type auto-pull capability (data hub) hosted on a SDE Server
- WFS (for the data) processor intensive

Table #2
- WMS provides quick means for tier one users to answer basic questions. Tier 2 GIS users need more than a WMS for in-depth analysis
- Could be used to request some data into preset locational information
- Attribute data or CAD formats Yes!!
- Geodatabase, WMS/WFS, CAD with attributes (download areas of interest or by criteria)

Table #3
- Both CAD and Shape daily
- Would not use newer formats (such as GeoDatabase) – will still use SHAPE for the next 5 years
- Distribution WMS/WFS (then clip zip ship)
- Possibly KLM for mobile usage
- Change notification feed
- Download area of interest

Topic # 3 Spatial Coverage

How would enhancing the spatial coverage add value?
What 'holes' are most important to be filled?

Table #1
- All non proprietary ESRD, Energy, ERCB data (one stop shop)
- Windows service with 15 preset layer packages that you just select the layers you need
- Trappers cabin, fire mapping, gates
- All publically available data from GOA (HRV – Historical Resource Value)
- TFA – temporary field authorizations (100 man camp with no development permit) every TFA has a number, but it is not public.
- CTL – coniferous timber license
- AgraSID – soil classifications, vegetation
- Rural Utilities – power, gas

Table #2

- More context, better decision making
- OSE dispositions (Oilsands exploration), MME (miscellaneous mineral explorations), geophysical, AOA, GEO, OSA
- Value added data set that ignore road allowances for dispositions
- Exploration – not really how building may take place
- Timber leases or permits CTL, DTL, CTP
- TFAs

Table #3

- Integrate coverage including DIDs and cadastral – benefit of this is it would avoid line work duplication & discrepancies
- Federal lands
- LOC included as MSL
- LOC's & EZE's crossing roads
- Mapping within Metis land – currently requires pulling plans
- TFA can be helpful but not necessarily feasible
- Special Areas – not in GLIMPS

Topic #4 Prioritize Enhancements

What are the top three or four enhancements your group has discussed?

Table #1

1. **Join all "public" attributes within GLIMPS (including Ownership)**
2. **DIDs distribution through a data hub. Access/Pull nightly with FME (data conversion/exchange service.**
3. **Metadata on attributes, definition/description for attributes**
4. **DIDs forum for users on website and a quarterly newsletter from AltaLIS**

Table #2

1. **SDW/AltaLIS one stop shop for all GOA data**
2. **IntegrateGLIMPS and DIDS into one data set for easier use (All available GLIMPS data should be added to DIDs product)**
3. **Add private lands dispositions to DIDs product**
4. **DIDS As-builts (TAG if as-built)**

Table #3

1. **Accuracy (4th DIDs layer)**
2. **Attributes (GLIMPS)**
3. **Area of Interest (Polygons for Data downloads)**
4. **Better Correction Process (resolved)**