

DRAFT Minutes of a Meeting of the  
**Cadastral Mapping Specifications Advisory Committee**  
Held February 24<sup>th</sup>, 2004 in Red Deer  
At the Aquila Employee Development Centre

**Attendees:**

Wendy Amy, Martin Newby Consulting  
Jim Chorel, AltaLIS  
Pat Drinnan, Aquila  
Ted Dunaj, Sustainable Resource Development  
Bill Elliott, Land Titles  
Wolfgang Janke, SDW  
Leah Lilley, AltaLIS  
Bill Martin, AltaLIS  
Bob Martin, MD of Willow Creek  
Craig McBride, ALSA  
Marc Morin, ATCO Gas  
Barry Necyk, Natural Resources Canada  
Wayne Newby, AltaLIS  
Ellen Styner, Martin Newby Consulting  
Bill Tkachuk, ISL

1. Introductions

New attendees for this meeting included Marc Morin of ATCO Gas, Ted Dunaj of SRD and Wendy Amy from Martin Newby Consulting.

2. Minutes From March 20<sup>th</sup>, 2003 Meeting

No changes were suggested for the draft minutes from the meeting held on March 20, 2003. These minutes will therefore be considered final.

3. SDW Update

SDW has been in discussions with both the Canadian Association of Petroleum Producers and the Alberta Forest Products Associations. Both organizations are interested in having a representative on the SDW board of directors. The timing will depend upon what happens with base features and crown land dispositions. Both organizations are also interested in participating in a topo EAG.

SDW has offered to contribute \$200,000 toward topo updating in 2004. The contribution will be made after a base features licence is signed.

4. AltaLIS Pricing Changes

50% price reductions were introduced on January 1, 2004 for the cadastral, titles mapping, small scale and municipal boundary file products.

Existing volume discounts were not changed.

5. Titles Mapping Update

The titles mapping project was essentially completed by the end of 2003. Since the project came in under budget, some of the remaining project funds are being used for additional activities. A titles mapping module is being added to MIMS (Municipal Infrastructure Management System) and an addressing pilot project is underway in the MD of Willow Creek. The addressing pilot will develop a template for rural addressing.

It was pointed out that the federal centerline road network data is to be released by April and that some municipalities may reference this data for their addressing.

6. SPIN II Update

Bill Elliott provided an update on the SPIN II initiative. The first phase of SPIN II was released in October 2003. Four systems were consolidated onto one platform.

The next release is still under development and is scheduled for release in October of this year. This release will allow for delivery of digital documents such as caveats, liens, etc.

7. Active Issues From Previous Meeting

- a. Common Standard for MISAM and PARCEL – A common layer structure was introduced on July 1, 2003. Only one customer expressed any concern and AltaLIS worked with this customer to resolve the issue. This item will now be considered closed.
- b. Shifting Base and Synchronization of User Data – Four alternatives are being explored:
  - 1) Establish a pilot area and determine the effects on base mapping of giving predetermined cadastral stations fixed coordinates.
  - 2) Use a MicroStation MDL program that moves elements in a MicroStation file to within 15% of the true cadastral station movement. Wayne Newby will provide both Pat Drinnan and Bill Tkachuk with the software to test the effect on client data.
  - 3) Create a process that tracks the movement of cadastral stations. The townships with shifts within a predefined range could be posted on the web.
  - 4) Conduct a test with ESRI to see if the topographical rules for ESRI's Geodatabase model can be used to maintain datasets in-sync with the cadastral movements. This is planned for March.

The AEUB is working with the oil and gas industry to move from using NAD 27 to NAD 83. The oil and gas industry has always preferred to use a static base. SRD is looking at the possibility of a workshop with the oil and gas industry to discuss the pros and cons of the dynamic cadastral base. EAG members will be notified when this workshop is scheduled and interested members can join the workshop.

- c. Federal Land Polygons – Indian reserve boundaries have been entered. Although there are some discrepancies between the federal and provincial data, a best estimate has been made. The Indian reserve and Metis settlement boundaries will be available in shape file format. The federal government has still not made the Banff and Jasper data available.
  - d. Base Features Data – Licence from the GOA appears imminent. Stakeholders will be consulted to get their input on topo updating priorities.
  - e. Utility Right Of Way Data – No change is planned for the way utility right of ways are represented in the data sets. This item is therefore considered closed.
  - f. Overlapping Linework Between Parcel and MISAM – Any common linework is stored in the MISAM files. Users of rural data can order the adjacent MISAM files or the geo-admin files.  
  
A suggestion was made to merge the rural and urban files and allow users to order data within a customized polygon.
  - g. Real Time Updates of Cadastral and Titles Data – 85% of plans are now being integrated within 24 hours of receipt. The data backlog has been eliminated for some time. Data available through web delivery is being updated daily. Merged shape files and the associated municipal database will be updated once a month starting in April 2004.
  - h. Road Allowance and Hydrography Polygons – Polygons for road allowances and hydrography have been created through the title mapping project and will be available to municipalities at no extra cost.
  - i. Evolution of Cadastral Data to GIS Ready – Over the past couple of years there have been significant improvements made to the cadastral data. Although the data is not pure GIS ready, it appears to meet the needs of most users. There are no plans to go through the time and expense of moving to GIS ready at this time.
  - j. ATS Shape File Product – An ATS shape file product will be available by next week. AltaLIS will investigate the possibility of attributing the data to distinguish between surveyed and un-surveyed territory.
7. User Forum Issues – Two user forums were held in October of 2003. 24 users attended the Calgary session and 32 attended the Edmonton session. The 42 issues raised by the users were reviewed. Based on the comments received today from the EAG, the action plans will be updated and posted on the AltaLIS website.

Bill Martin will send Craig McBride something to pass on to ALSA regarding ATS corrections.

AAMD&C and AUMA will be contacted about notifying their members about the procedures for making roadway name changes to the cadastral data.

A list of municipal contacts can be downloaded from the following website:  
<http://www.municipalaffairs.gov.ab.ca/ms/officials/index.cfm>

8. User Forums and the EAG – The EAG felt that the user forums should be held annually and could perhaps be one of the workshops held in conjunction with the annual GeoAlberta conference. The EAG could then meet after the issues had been compiled and action plans formulated. This would mean only one meeting a year for the EAG unless sufficient issues arose to warrant calling additional meetings. As usual, EAG members should feel free to contact SDW or AltaLIS if they have a major issue.

Since it is too late to get on the agenda for this year's GeoAlberta conference the next user forum will probably be held at next year's conference.

10. Next Meeting – Since the next user forum will probably be 15 months from now, it was felt to be too long to wait until after then to have another EAG meeting. The recommendation was to have a meeting this fall. SDW will schedule the next meeting taking into account the number of issues to be dealt with. In all likelihood an EAG meeting will be held before next year's GeoAlberta conference.

Thanks to all committee members who participated in the meeting and thanks to Aquila for once again hosting the meeting!