

National Coal Mining GeoSpatial Committee Meeting

The Committee Meeting was held at the WV Department of Environmental Protection office located in Charleston, WV, Nov 7-8, 2007.

Attendees were:

Bill Carte, Chairman, OSM-Appalachian Regional Office
Alan Wilhelm, OSM-Western Regional Office
Min Kim – OSM-Mid Continent Regional Office
Rick Koehler, State of New Mexico
Doug Mullins, State of Virginia
Larry Evans, State of West Virginia

The Committee members were welcomed to the new DEP office and to the State of West Virginia by Deputy Secretary, Randy Huffman.

Bill Carte, Chairman, reviewed the Action Items from the last meeting with the committee. All items were completed except “Finalizing Communication Plan”. It is still pending but expected to be completed by May 1, 2008.

Team Reviews

A list of the members of the following groups were included in handouts for the committee members

- SMCRA Geospatial Data Stewards
- Coal Mining Spatial Data Standards ASTM Task Group
- Spatial Data Infrastructure Team
- NCMGC Technical Support Group

IMCC and WV– Larry Evans

West Virginia is please with the way it is moving forward. Endorsement to Tom Galya and Daniel Kestner for the accuracy of the Geospatial. Larry’s recommendation was to ask the mining representation for some kind of level of accuracy in standards and produce in-house. Establishing standards for this can be obtainable.

Rick Koehler agreed with this. It is the same thing in New Mexico. Need to know how to accomplish and get it done.

Doug Mullins informed the group with the Virginia system, the new things would be accurate.

Bill Card stated there should be accuracy standard for all systems. There will be split phases – the old date can be digitized and the new will be more accurate datasets.

It was agreed that there should be minimum standards and maximum standards for the underground boundary mining.

OSM Mid Conference Region – Min Kim

Min Kim is a representative for 11 states.

He stated most of these states needed help. There is no GIS Specialist in some of their programs. He recommended that more basic training be provided to these offices and the field offices.

As of this date, Bill Card has not received any requests for training from Alabama.

OSM Western Region – Alan Wilhelm

NAAMLPL and Virginia – Doug Mullins

WIEB and New Mexico – Rick Koehler

OSM KFO – Bill Card

Committee Reports:

- **Coal Mining Spatial Data from Industry – Doug Mullins**

Doug informed the group Virginia had recently sent 3 people to ESRI training. They have SDE loaded on the server. Their goal is to edit datasets in AUTOCAD by the end of year.

They have installed ARC engine for field staff.

He has been working with Diana Osborne on the AML features on the Remote Sensing Project.

State of Virginia is working on the CAD standards.

State of Virginia wants the AMLIS, it seems the feds doesn't. Cost too much. Doug would like to see the AMLIS rep come to the next meeting. Bill Card said that would probably have to wait. It should be a member of NCMG.

State of Virginia is going forward with cataloging maps. This has been a big benefit.

Polygons have been built for 9000+ mines. They are being digitized.

They have been looking at different layers for the National System. Gas wells and pipelines in the GIS system in the future.

ACTION ITEMS

- Talk with Daniel Kestner about the ArcGIS engine. Do a demo at the GIS Conference
 - If project is completed, discuss at conference
 - Will discuss CAD standards at the conference. How it applies to all programs
- **SMCRA Geospatial Data Stewards**
There are 40 teams
 - **Coal Mining Spatial Data Standards ASTM Task Group - Tom Galya**
Members include SRA, Federal and Industry
Developing standards for first two coal mining spatial data sets
Surface mining boundaries
Underground mining boundaries

*****NEED TOM'S HANDOUT*****

- **Spatial Data Infrastructure Team – Bill Card & Alan Wilhelm**
Team is considering new data layers for standards development. The next potential layer is bond increments (bond releases and forfeitures)
There is 2 phases to this concept. Phase 1 was completed August 3, 2006 and Phase 2 is scheduled to be completed sometime in November 2007. This phase will be through the Internet.

ACTION ITEMS

Rick Koehler will send Chart Maps to Bill Card

Bill Card – Will draft a brief as to what the purpose of the team is. Including the test collection method.

What are issues/concerns for this various model? Need to take to CLT for recommendation. Bill will do a briefing letter to CLT.

- **Coal Mining Spatial Data from Industry – Doug Mullins**

*****Need Handout*****

State of Virginia has established a Work Group to develop CAD standards. They are using the State of Virginia regs and SMCRA regs. Doug will develop a generic template from AutoCAD to GIS. The template will include object data table and GIS mapping plan.

ACTION ITEMS FOR CONFERENCE

Presentation of CAD standards of National Maps at the Conference

Distribution of CD of CAD generic template
 Excel spreadsheet showing specific GIS features and descriptions
 Excel spreadsheet-showing GIS drawing list and Data Dictionary

ACTION ITEMS

NRDC Undermined Promise Report – Doug will make a presentation
 Bill will draft a letter to Benny Wampler requesting information for a generic CAD templates related to what could be National standards.

- **Communications Plan Update – Rick Koehler**
 Rick sent out emails to other offices asking for comments regarding WIEB. He only received comments back from a few offices. Bill Card has been collecting info from data stewards regarding “potential works” prior to the conference. Rick said that there should be an internal/external site for sharing information. There is the Share Point site. He feels that “getting something out there now is better than nothing”. Rather than wait until it is perfect. He recommends that the contact person be someone from OSM. Using a communication software solution may help. Evaluate using the same product for both public and internal.

Meeting notes/Charter/Meeting Dates and Spreadsheets are now on the SharePoint site.

ACTION ITEM

Write a proposal – How do we get to a National Network?

- **Coal Mining Reclamation Geographic Information System
 OSM Briefing Paper & Presentation: Creating a Coal Mining Reclamation Geographic Information System – Bill Card**

The purpose of this briefing is to advise CLT of need for coal mining geographic information system to accurately track progress of coal mining and reclamation efforts in the United States, seek CLT input and recommendations, and obtain CLT approval to develop an implementation plan supporting further development.

- **Planning Team for FY08 National Geospatial Conference**

Bill Winters is still collecting abstracts to display at the conference. He can handle up to 40.

Review FY07 Budget and Activities

Most of the 07 budget was spent on travel expenses. Everything was accomplished that was planned to do.

FY2008 Budget and Activities

Same budget amounts as FY2007. Recommended money should be spent early in the budget year. 75 to 80% should be spend by May 2008

Fy2008 RECRUITMENT – DRAFT

<u>Recruiter</u>	<u>Program</u>	<u>Date</u>
Min Kim	Kansas	May08
Min Kim	Iowa	July 2008
Alan Wilhelm	Navajo Nation	Nov 2007
Ferarasie, & Morlock		
Rick & Tonya	Wyoming	August 2008
Alan Wilhelm	Montana	Alan will contact states
Bill Card	Maryland	February 2008
Doug Mullins & Bill Card	Pennsylvania	January 2008

ACTION ITEM

Bill Carte will ask the Director to write a letter inviting the states to the conference. Will ask Brent to attend the conference and make a presentation to the states showing what OSM needs are and their capabilities

“GIS & SMCRA WORKING” – Rick Koehler will develop a 4-5 minute video clip to distribute at the conference and send to managers. Target Date: February 1, 2008

Larry will send a copy of the video to Bill Card, Rick Koehler and Min Kim a copy on Share Point.

Will include this CD with the letter invitation from Brent Wahlquist to SMCRA Managers

Fy2008 PUBLIC OUTREACH

ACTION ITEM

Larry Evans is to find out if there is a “Main Drainage Task Force Symposium” scheduled this year and if so, date of symposium

Larry Evans – Find out the date of the IMCC Coal Committee meeting. If nothing new, don’t have to attend.

FY2008 National Geospatial Conference

Scheduled for March 25-27, 2008 at Atlanta, Georgia

OPEN SESSION

Discussion of future layers and the process of setting up the future layers

AML Geospatial datasets
 AML Inventory
 AML Reauthorization

A list of all potential layers will be distributed to the data stewards. It will be up to them to decide what is the next layer.

FY2008 - Small Program Off-Site Visits

The following offices will be visited in the sum of 2008

Min Kim – Texas and Oklahoma

Alan Wilhelm – Montana and possibly Alaska

FY2009 Budget and Activities Planning

Bill Carte told the members they should begin thinking about the FY2009 budget and activities. This will be discussed in a future meeting.

STRATEGIC PLANNING

Reg 8

How OSM will oversight of state regulatory program and make each program aware of it?

How OSM will regulate oversight of SMCRA program?

How to report results?

Bill Card suggested we find ways to plug our stuff in with directive promoting geospatial

5-Year Plan (or less)

Will this committee still be needed?

Larry Evans stated the focus of the committee would change. Applications for specific programs will be needed. Rick Koehler said the committee would still be struggling with state programs. Alan Wilhelm thinks the inspections will be replaced by IMAGERY and should think about servers to house national datasets. Doug Mullins agrees we should consider future access to data.

Larry said SMRCA is outdated and Committee should push for new regs. Need to modernize SMRCA.

Bill Card agreed the future work of the committee should be SMRCA, looking at technology, technique and take advantage of geospatial.

Standard Coal Mining Datasets and Standard Coal Mining Program Maps

Bill made a comparison of the reserves of Common Installation Map (CIP) and Standard Program Map Applications. We are working towards that with the layers

Systems Development

Working on that. Encouraging programs to Geospatial

OSM Spatial Infrastructure

Help states with the implementation of the data

NCMGC Succession Planning

Bill Card requested alternate names for each section

There was discussion of replacement of the Chairman of this Committee. It was decided that it must be an OSM person. Recommendations were made by a couple of members.

The meeting was adjourned Thursday evening at 5 p.m.