

**Meeting Description:** Michigan Geographic Framework Users Meeting

**Date:** May 4, 2000

**Time:** 10:00 a.m.

**Location:** Lewis Cass Bldg., 1st Floor, Dept. of Management and Budget Large Conference Room

**Rob Surber, Michigan Information Center (MIC), announced that the MIC would be moving on July 1, 2000 to the George W. Romney Building, 111 S. Capitol, 10<sup>th</sup> Floor, Lansing, MI 48913. Parking is available in parking ramps and on the street. A map is provided.**

I. Approval of April meeting Minutes

II. Geographic Framework Program

A. Michigan Information Center (MIC) Project Update

1. Phase 2 / Seaming Status

Rob Surber, MIC, distributed a current status map. The MIC has completed the Phase 2 work for 77 counties. Saginaw, Jackson, Lapeer, and Kent counties are now complete. Washtenaw County is basically done, the MIC is correcting city boundary issues for the Ann Arbor area. Tuscola County will be finished this week leaving the last 4 counties – Wayne, Oakland, Macomb, and Livingston. A third shift has been added to work on Wayne County and another person will be added to work on Oakland County. County boundary seaming work is being done for the upper northern Lower Peninsula. The boundaries have been worked on but are not done until the surrounding counties are also completed. Counties are checked where they meet in the corners. Livingston and Macomb counties should be done early July and Oakland and Wayne counties will be done the end of the summer. The superior region (Upper Peninsula) is scheduled to be completed the middle of this month.

2. Polygon Build / Act 51 Update

Rob Surber, MIC, distributed a current status map for the Act 51 (Phase 3) Update Process. Phase 3 is updating attributes for certified roads and updating additional polygons that were in framework. The Upper Peninsula should be done next week.

Bill Enslin, MSU, asked if this would be an annual update.

Joyce Newell, Michigan Department of Transportation (MDOT), responded that MDOT has to have the mileage out by July or August each year.

Eric Swanson, MIC, added that the 1999 maps are available in January 2000.

Rob Surber, MIC, commented that MDOT would only send new or changed data for the update process.

Joyce Newell, MDOT, stated that the process would catch new subdivisions.

Rob Surber, MIC, added that it wouldn't catch private roads, but hope to get private road data through voter registration and the U.S. Postal Service. A deletion of data would be treated as an attribute change.

III. Michigan Department of Natural Resources (MDNR) Projects and Activities

Gary Bilow, MDNR, reported that they have a new web site ([www.dnr.state.mi.us](http://www.dnr.state.mi.us)). Part of the web site will be used for their spatial data library, which is an internal repository of geographic information system (GIS) data - Michigan Resource Information System (MIRIS) data, land use/cover, and base map information. The information can be downloaded for free, but there will be a charge if MDNR is requested to make the CD or do any work with the data. MDNR is working out the kinks. It is formatted the way MDNR distributes data within their department. The United States Geological Survey (USGS) signed the paperwork for the ortho photo project. The MDNR is waiting for it to come back from the contract office and waiting for authorization from the legislature to spend federal dollars. Hope to get statewide ortho coverage by the end of next fiscal year.

#### IV. Michigan Department of Transportation (MDOT) Projects and Activities

Joyce Newell, MDOT, reported that they are continuing work on the remaining counties. There are 2-3 counties that need editing. MDOT has been looking at future applications to framework. One is to put project information on a version of framework to add physical reference (PR) mile points. The Highway Pavement Management System (HPMS) identification project is still waiting for programming to be done. There have been discussions with MDOT's environmental section regarding how to help them use framework.

Andrea Cluley, MDOT, added that the environmental section wants to develop maps on framework implementing flood plane and wet land data. Topo maps, park and recreation use maps, land use/cover maps, etc. would all be very useful to their specialists.

Eric Swanson, MIC, commented that the Department of Agriculture and the Department of Environmental Quality are mapping flood planes on framework. MDNR brought up the digital raster graphics (DRG) which overlay on framework. John Wesa, MDOT, is scheduling a meeting to discuss a number of these issues.

Andrea Cluley, MDOT, added that the environmental section needs someone to do work for them. They have hardware but need someone to do the conversions. They currently use Caliper and Maptitude because it is easier for specialist to learn but plan to move to Arc ESRI.

#### V. Michigan Department of Environmental Quality (MDEQ) Projects and Activities

Bill Enslin, MSU Center for Remote Sensing and GIS, spoke for Steve Miller, MDEQ, who was not present. Bill reported that MSU provided all the derivative shape files to MDEQ who has begun loading into ESRI's Spatial Data Engine product. There are 4-5 counties that have been entered. MSU in the past has provided MrSid versions of the LandScan 30:1 compressed images to MDEQ. John Clark, MDEQ, has a preliminary web application for the images available.

#### VI. Michigan State Police (MSP) Projects and Activities

Eric Nischan, MSP, reported that there is a federally mandated nuclear power plant drill scheduled for May 9, which is the same day MSP is scheduled to do their IMAGIN presentation. They are moving ahead on the server system. At this time, they are busy with data collection and are waiting for funding for the prototype phase. Anticipate implementation by the end of the year.

Mike Morrison, MSP, reported that it is mandated that crime data be reported to the MSP. There are no addresses associated with the crime data when it is reported, MSP has to obtain the addresses separately and then tie the information together. MSP is doing a 6 county crime mapping pilot program. They are learning ArcView basics and then will expand. Within the next couple of months they will determine the focus of the project. They are also working on a request for purchase (RFP) for putting crash data on the Internet in queryable form. They received \$190,00 grant for this project. The site would be available to the public. Anticipate completion within the next couple of months.

#### VII. Michigan State Industries (MSI) Projects and Activities

Carol Woodman, MSI, reported that they completed and returned Oceana and Muskegon counties to MDOT. They have received St. Clair, Lapeer, Kent, Saginaw, and Jackson counties. MSI is making a new coverage for roads Act 51 maps for the initial 8 counties. They started on Eaton County yesterday.

Cary Adranga, MSI, asked if the MIC has been successful in finding locations for the Local GIS Users' Meetings.

Rob Surber, MIC, responded that 6 agencies have volunteered (University of Michigan, Troy, Barry & Allegan Counties, NW Michigan Council of Governments, CUPPAD, and SEMCOG).

Eric Swanson, MIC, added that if there are areas where agencies do not volunteer, MIC would make a requests.

Cary Adranga, MSI, commented that he could talk to Otsego County about volunteering.

## VIII. MIC Projects and Activities

### A. Geographic Information Systems (GIS) Awareness Campaign

#### 1. Clearinghouse / Web Survey Update

Rob Surber, MIC, reported that the web survey and clearinghouse would be unveiled at the IMAGIN conference. MIC has a booth they are sharing with IMAGIN. A table will display information about the web survey and the clearinghouse. There will be 3 computers available for people to key information in on the spot and ask questions if needed. People will be able to check their area within the state and see if anybody has responded to the survey from their area. There will be a clearinghouse presentation.

Eric Swanson, MIC, commented that MDNR's spatial data library, Michigan State Police data, and MDOT data will link into the state GIS clearinghouse. The clearinghouse will provide a searchable portal to link to all data.

Rob Surber, MIC, added that the clearinghouse would include more than Metadata.

Eric Swanson, MIC, commented that with the survey and the creation of the web site, it would be possible to link into local, regional, and private entities. There would be a directory of Who's Who and who's doing what. It will be an information hub.

#### 2. IMAGIN Conference

Rob Surber, MIC, stated that the MIC would have a second booth available for other agencies to piggyback activities going on in the state. A variety of projects from other agencies would be displayed on the board and there would be people there to answer questions.

## IX. Regional Projects and Activities

Ann VanSlembrouck, SEMCOG, reported that SEMCOG is working on a web site cleaning up data for the interactive mapping. The unveiling will be in December, but they may have something available in a month or two. They haven't done much with framework.

Laura Tschirhart, Tri-County Regional Planning, reported that they are still waiting for the socio-economic data. They may have the results in a week or two. There is a problem with the labels that were sent to the consultant.

Amy Bancroft, West Michigan Regional Planning Commission, reported that they are trying to reach Barry and Allegan Counties to coordinate.

## X. MSU Center for Remote Sensing and GIS Projects and Activities

Bill Enslin, MSU, reported that MSU Center for Remote Sensing and GIS in conjunction with the GIS viewer with MIC and with the mapping viewer for MDEQ and the IMAGIN forum, MSU started merging county files into statewide coverages for the viewer. The little viewer is very responsive. Not all layers are assembled yet, but even with rivers and more intensive coverages it is quick. Will have a system at the MSU booth at the IMAGIN forum. There is 8-10 gig of map data and 50 gigs for LandScan images. Their new system has a 100 gig hard drive, 1 gig of RAM, and 800 megabytes. When you see statewide, there are obvious differences in processing, SEMCOG versus the rest of the state, shoreline, etc. Will be useful not only for the state power users but also for the casual users. MSU has also been in race with MDEQ to get own MrSid LandScan versions on web and MSU's application will unveil on Monday. This is a good application for a quick view of what's available in the LandScan area. MSU has also revised their web site, [www.crs.msu.edu](http://www.crs.msu.edu). The data is GeoRef and E00 export files for Arc Info. They new version will go live on Monday. MSU had opened up a data warehouse internal to MSU, but there are no constraints and are opening that up now. It is similar to MDNR, it has MIRIS, land cover base, TIGER data, city block group data, DRG. In the future as MIC grows and the IMAGIN web activity grows, will need to look at collaboration to avoid duplication. Some duplication is beneficial for high speed within agency.

Rob Surber, MIC, stated that it would be useful to explain GeoRef to people.

Gary Bilow, MDNR, commented that MDNR is addressing that issue.

Bill Enslin, MSU, added that MSU is including that information under Data/Documentation.

Eric Swanson, MIC, commented that in terms of being able to query framework and associated datasets on a statewide basis, it is wonderful news. It will also be beneficial for the general users. E-Michigan office was established about a month ago and will be housed in the governor's office. The state is making a \$22 million investment to provide a way for Michigan citizens to access information regarding state services and programs. This program will support and drive what the framework is doing. The viewing technology is critical to being able to access information and MIC is working out final details with Bill Enslin, MSU, to make it public. The data availability and web sites going up will create a need to bring data to together in order to avoid questions from the public of what one to use in the case of mirror sites. The next big challenge is consistency what the data is and where it is. When people fill out the survey at the IMAGIN conference, we will find out that many agencies have the same data.

#### XI. County / Local Projects and Activities

Jay Graham, Meridian Township, reported that he just found out about these Michigan GIS Users' Meetings and is interested in getting involved.

#### XIII. Other issues

None

#### XIV. Next Meeting Date

June 1, 2000, 10 a.m. until 12 p.m., Lewis Cass Building, 1st Floor, North Wing, Department of Management & Budget Large Conference Room.

\*\* If any changes or corrections are to be made to these minutes, please contact the Michigan Information Center at (517) 373-7910