

Attendee List
Maine Library of Geographic Information Board Meeting
Wednesday, 11 December 2019
10:00 AM to 12:00 Noon

Maine Public Utilities Commission, Second Street, Emerson Room, Hallowell, Maine

Attending	Present	On the Phone
Jon Giles, CHAIR	X	
Patrick Cunningham	X	
Betsy Fitzgerald		X
Brian Guerrette	X	
Katie Bernhardt		X
Maria Jacques	X	
Nate Kane	X	
Brian Lippold		
Vern Maxfield		X
Jake Metzler		X
Vinton Valentine		X
DAFS Commissioner Appointee	(vacant)	
Joseph Young	X	
Statewide Association of Regional Councils	(vacant)	
Aaron Weston		
Staff:		
Claire Kiedrowski, Executive Director		X
Jennifer Hanson, Note Taker	X	
Guests:		
Mal Carey	X	
Troy Ripley	X	
Bob Bistras		X
Dan Walters	X	
Emily Pettit	X	

Maine Library of Geographic Information Board Meeting

Date: Wednesday, December 11, 2019

Time: 10:00 AM to 12:00 PM

Place: Emerson Room

[Maine Public Utilities Commission](#)

[101 Second Street](#)

[Hallowell, Maine](#)

Call In: (877) 455-0244, Participant #: 367-352-2033 Also SKYPE for visuals

AGENDA

1. Roll Call of Members – Jon Giles
 - a. Motion to approve the minutes of September 18, 2019 (amended) made by Betsy, Seconded by Vern. Vinton sent in some typos pertaining to the September minutes.
Voted: 10 Yea 0 Nay 0 Abstained
 - b. Motion to approve the minutes of October 16, 2019 (amended) made by Maria, Seconded by Joe. Vinton sent in some typos pertaining to the October minutes.
Voted: 9 Yea 0 Nay 0 Abstained
2. Executive Director Report – Claire Kiedrowski
 - a. Finance Report

Brian Guerette and Claire have been discussing the financial report. As of 12/9/19 this is the result from Derek in financials as to what is in the Reserve account and what is available:

 - Current reserve cash balance: \$1,196,875.07
 - Contract liability 014: \$(326,363.87)
 - Grant funds available: \$0.00
 - Contract liability 013: \$(87,090.00)
 - Remaining cash available: \$783,421.20

We currently have another \$125,000 planned for future billings. This isn't what the 2020 Maine ortho imagery and Maine LIDAR will need to access for 2020.
 - b. Board Members Update
 - Seat #1 – Brian Guerette has provided information to Office of Information Technology (OIT) leadership and Department of Administration and Financial Services (DAFS) leadership regarding what we would be looking for in a board member, the mission, and skillsets. He has not heard back at this moment.
 - Seat #4 and #9 involving Nate Kane and Betsy Fitzgerald is in progress. The governor's office is backed up and we are in the queue now. No further update.
 - Seat #10 Welcome Katie Bernhardt (replacing Bill Hansen). She has been sworn in and the documentation is now with the Secretary of State.
 - Seats #8 (Council of Government-needs to be appointed by House Speaker) and #12 (Utilities, currently represented by Brian Lippold who would like to step down – needs to be appointed by Governor) still need to be filled. Claire would like to brainstorm on different individuals to fill these spots.
 - c. Project Reports
 - i. LiDAR-

High resolution elevation data intersecting Penobscot Nation land are unavailable per the Nation's formal request to USGS. This data will be excluded from public access as we are partners with the USGS 3DEP (3D Elevation Program) and will follow their lead. Is it the entire tile or just the Penobscot Nation's land? Claire will investigate and report to the Board in whether just the Nation's land or entire tile is redacted, and whether this impacts

derivative products such as Digital Elevation Models (DEMs), contours, etc. For now, when requests for this data come in, refer them to the Penobscot Nation for access.

Crown of Maine LiDAR status. USGS renamed the blocks: Block 1 (2 pieces) represents data collected and processed in 2018 and has been delivered to USGS, Block 2 represents data collected in 2019. It has been processed and is currently being reviewed for Quality Control (QC) by contractor, Dewberry. Original final delivery date was 12/15/19, this needs to be updated based on QC feedback from Dewberry. Note that the USGS contract expires in April 2020, so it is in everyone's (State of Maine, USGS, Quantum Spatial, Dewberry) interest to finalize this project as soon as possible.

2017 Eastern Maine LiDAR Status. Umbagog datasets are available, yet not shown on MEGIS website – Claire will investigate and report back to the Board. Tony Guay/Wheatland Lab wanted clarification about some questionable data that he found – Claire will organize a webinar/telecon with all interested parties.

2020 USGS BAA-LIDAR funding. Original submission was for 2022 Square Miles (SqMi) and included the outlier islands. The cost/SqMi is \$232.32 which totals \$469,751.04. NRCS requested a project area expansion, to include portions of:

- Kennebec, Lincoln, & Sagadahoc Counties.
- Add tidal coordination for previous and new areas.

This expanded area and cost will be submitted to USGS per their request. Joe Young asks that we ensure that this expanded area includes a gap area (from the 2016 collect) in the northwest border of Androscoggin & adjacent collections.

2" Contour Work Order-

Quantum Spatial (service provider) is on schedule for a 12/31/19 or before delivery to the State of Maine. Will include 2' contours for state except for Crown of Maine, since Crown of Maine LiDAR data is still 'in progress'.

ii. Orthoimagery- 2019

MEGIS has imagery and derivatives from Woolpert for 3", 6", and 12".

18" imagery did not pass quality control and will be reflowed in 2020.

Woolpert needs to send final reports, control, and seamlines.

The current schedule:

- Will finalize upload to website
- GeoLib to purchase disks and will copy disks for participants at no charge
- Hope to have final deliveries before the end of the year.

Woolpert invoices are current.

Orthoimagery-2020

- Hancock County – 18"
- Hancock county UT- 12"
- Bar Harbor, Mt. Desert, Bridgeton, Naples, China, and Cushing - 6"

Bridgeton, Naples, Cushing, and China are leftover areas that were unable to be flown in 2019, so they carry over to 2020. Claire is currently in conversations with Ellsworth, Dedham, and Bucksport to participate in the 2020 program.

Board discussion on out-of-cycle costs for communities that want to participate in the orthoimagery program off-cycle. A community in York County was interested in being flown

'off-cycle' but did not have funding for 2020. Claire mentioned that there is a cost savings when communities are 'grouped together', and that the substantial cost-savings comes from this group purchasing. Claire will obtain 'off-cycle' pricing and share with the Board.

The State of Maine contract with Woolpert expires at the end of the year 2019. The State is working with Woolpert on a no-cost amendment, but they want to re-negotiate and have minimum project size areas and/or dollar amounts. Jon recommends a smaller group discussion on this topic.

d. Annual Report, Board of Commissions Clerk Filing Service

Claire is working on the reports and they need to be completed by the end of the year.

e. 3D Nation Survey by USGS. Claire worked closely with Dan Walters/USGS in filling out this survey. Vinton asks why Maine is coded as not having a Primary, Secondary, or Tertiary activities for the Business Unit 26 Education Group as he responded. Dan Walters replies that the education component for states that did not quite fit the original criteria and were reclassified. This Data is provided in a separate section of the survey, it is not excluded but is not shown in this category.

3. Meet with Climate Council – Claire & Jon

Claire and Jon Giles met for the 1st time on 11/13/19 with Sarah Curran, Senior Analyst and Cassandra Rose, Climate Policy Coordinator. They are both on the Climate Council, which is housed in the Governors' Office of Policy Innovation and the Future. This office functions as "policy shop for the Governor" and was established in late September 2019, so they are still working on a long-term initiative that is due December 1, 2020. They suggested that we get together with Bob Marvinney of Maine Geological Survey, who is a technical lead on the Climate Council. Key points that were discussed:

- Make people aware of what the GeoLibrary and Maine Office of GIS provides to the State agencies, departments, and to the public
- General talk about some ways we can work together.

Nate Kane suggests that the Climate Council might be a good resource for increasing support to update a Land Cover dataset, as this ties in nicely with the Council's long-term goals.

4. 2009 Strategic Plan Survey – Quick Review

The survey responses were compiled, but some people have reached out to Claire that they were not able to participate. The Top 5 based on polling of the board (but still need to include Board Members who were not able to access the survey):

1. Establish sustainable funding
2. Hire statewide GIS coordinator
3. Improve communication
4. Improve statewide GIS coordination
5. Improve access to geospatial data

5. Strategic Plan Workgroup Reports

a. Coordination & Communication – Jon Giles

No update.

b. Education & Training – Vinton Valentine, Patrick Cunningham.

Good attendance at the NorthEast ArcInfo Users Group (NEARC) conference with a variety of talks and exhibitors; Maine GIS Users Group (MEGUG) had about thirty people attending, which

is down from the typical attendance of 70 to 80 people, possibly because of scheduling conflicts and location limits since MEGUG occurred at the same time as NEARC in the same venue. Attendance at Educator's Day by Maine representatives and educators was lower.

GIS Day in Portland: Jon Giles attended, and it went well; the scope was greater than Portland, which encouraged attendance of 40-60 people.

New MEGUG Board members are Becky Schaffner of Maine Department of Environmental Protection and Don Katnik of Maine Department of Inland Fisheries and Wildlife.

MEGUG has Lightning Talks planned for February in the Brunswick area.

A potential partnership/collaboration between Maine Geospatial Institute (MGI), the GeoLibrary, and MEGUG is scheduled for a January 9 or 10, 2020 meeting. Location is To Be Determined, and agenda is currently being developed.

c. Geospatial Workgroup – Dan Walters
No update.

d. GeoParcels Workgroup – Jon Giles
No update.

e. Parcels Discussion – Guest Speaker
Troy Ripley of South Paris Maine spoke about individuals not knowing where they can hunt and who to contact about ownership of land. He mentions rather than going to the town with limited hours, that hunters use OnX and Huntstand, two examples of cellphone applications. Those apps use publicly available parcel and ownership information, which in this case is drastically outdated. Troy suggested updating and maintaining this data. Patrick suggests the use of GeoFencing, which would identify areas to hunt or to not hunt.

Joe recommends that Troy and hunters participate in our meetings and be willing to present comments and ideas in front of the legislature. Funding for will be the biggest challenge.

Katie mentions that as a Real Estate attorney, that she is frustrated with outdated parcel data.

6. Committee Reports

a. Finance Committee – Jon Giles/Brian Guerrette

Previously addressed in Executive Director's report.

b. Technical Committee – Brian Guerrette

i. Maine Geographic Information Systems (MEGIS)

1. Census update – Bob Bistras

2. Discover & Download GeoLibrary raster data in ArcGIS Pro – Todd Metzler

3. GeoLib website: Story Maps updated for 2018, 2019. Bob

The Technical Committee reporting is pushed to the next meeting.

c. Policy Committee – Vinton Valentine

The Policy Committee reporting is pushed to the next meeting.

d. Ad hoc Geospatial Data Catalog Committee

i. Schedule, comments – Bob Bistras

The Ad hoc Geospatial Data Catalog Committee reporting is pushed to the next meeting.

7. Guest & Board Comments

a. LD1719 Discussion – a few board members left the meeting, but we still have a quorum.

Vinton pointed out the following:

- There is a typo hanging WHEREAS that can be removed.
- Under appointments and composition, representative appointed by state wide association of engineers or surveyors and then a member appointed by the Geographic information Board. Make these two different positions rather than all one.
- Penobscot nation is listed as a task force member, are the other tribes going to be considered or how will they get included? Joe’s response is that anyone that wants to be a part of this can come to the meetings.
- Vinton also asks if municipal and county interests are represented. Joe would like to consider all interest. Joe will follow up and encourage Tom Abello and Senator Black to include that language in the legislation to have those additional interests be represented.
- Under duties, considering funding mechanisms for the staff and considering funding mechanisms for the necessary acquisition; also, do we need to also make sure that part of the duties is about technology itself in terms of storage and any application development needed? Joe says yes.

Jon motions for voting on after determining that 8 board members (quorum) are still in attendance. Motion by Jon Giles for the Board to authorize Joe Young to work with Senator Black and others to forward legislation authorizing the study of the GeoLibrary’s organization as proposed currently in LD1719. Seconded by Joe Young.

5 Yea 0 No 3 abstained.

Affirmative voting of seven members is necessary for any action taken by the GeoLibrary Board. At this point we need more board members for approved voting for Joe to move forward. We will vote again soon, prior to legislature meeting in January 2020.

b. Meetings are held at the Maine PUC in Hallowell. The PUC is moving their office in spring of 2020. Maria Jacques will schedule the GeoLibrary Board Meetings for 2020 but wanted to alert everyone that they will be in a different location (up the hill) in Hallowell. She requests the Board Meeting dates.

8. Adjourn - Meeting was adjourned at 12:32 by Jon Giles, seconded by Maria Jacques. The next meeting will be at 10:00 am on January 15, 2020 at the Maine Public Utilities Commission (PUC).

Action Items from December 11, 2019 Meeting:

- i. Reach out and obtain names of interested individuals to fill board seats #8 and #12. - All
- ii. Redacted LiDAR in Penobscot Nation lands. Find out if redact impacts 1) entire tile or just Nation land, 2) derivative products such as lower resolution Digital Elevation Models (DEMs), contours, etc. - Claire
- iii. Umbagog LiDAR. Why is it not available on MEGIS website? - Claire, MEGIS
- iv. 2017 Eastern Maine LiDAR. Follow-up with Tony Guay of Wheatland Lab. – Claire
- v. 2020 USGS LiDAR – ensure that northwest corner of Androscoggin County is covered. - Claire
- vi. Does the Quantum 2’ Contour generation Work Order include the Crown of Maine? – Claire
- vii. Show a map of Woolpert 18” imagery that did not pass Quality Control. – Claire
- viii. Obtain ‘off-cycle’ orthoimagery pricing. – Claire

- ix. 2009 Strategic Plan poll – obtain updated numbers. – Claire
- x. Parcel Update and Maintenance Strategy – responding to Troy Ripley’s discussion. - All
- xi. Revote on Joe Young’s authorization to work on the study proposed by LD1719. – Claire for scheduling, All for voting
- xii. 2020 Board Meeting Dates for Room Scheduling. – Claire and Maria.