

**DRAFT Minutes of Beaver Island Telecommunication Advisory Committee Meeting
Peaine and St James Township, Beaver Island
Beaver Island Community School | November 20, 2019 5:00PM**

Present

Kevin Boyle, Kathleen McNamara, Gary Conant, Wil Cwikiel, Neal Green, Theresa McDonough

Absent

Paul Welke

Others

Glenn Fishbine (via webinar), Christopher Mitchell (via webinar), Dick Mulvihill, Alan Vicstein (via webinar), Paul Niehaus, Cynthia Hector-Johnson

5:05 pm, meeting begins with emphasis on Quickstart study.

Our presenters are: Christopher Mitchell, Director, Community Broadband Networks Initiative, and The Institute for Local Self-Reliance and Glenn Fishbine, CTO, Neo Network Developments, Inc.

Our presenters reviewed the following Quickstart Study for Beaver Island.

Via webinar, the committee was taken through each section of the study. Each section was opened and thoroughly reviewed.

The study contains 8 different scenarios that Beaver Island can review but the focus was on Model 6. In their opinion, Model 6 seemed to be the most favorable for Beaver Island.

Beaver Island Study		
A collaboration between		
COMMUNITY NETWORKS	Community Networks	AND INEO
Beaver Island - Quickstart Study		
Contents	What were our objectives in doing this study?	Recommendations
<u>Project Overview</u>	Financial analysis: 8 studies	<u>Guidance and References</u>
<u>Summary: Project Spreadsheet</u>	Publicly known fiber that could support a deployment	<u>Community Educational Materials</u>
<u>Public Domain, Known Fiber</u>	Reported services currently in the area.	<u>ISDA Grant Analysis</u>
<u>Providers Known to the FCC</u>	Actual design content for a fixed wireless deployment	<u>About Us</u>
<u>Pure Fiber Wireless Design</u>	Actual design content for a hybrid deployment	
<u>Hybrid Design</u>	Detailed information about various technical details	
<u>Technical Material</u>	Details of key inputs for every block group in the Hybrid study	
<u>Raw Data</u>	Cash Flows and Sensitivity Analysis	
<u>Municipal Bond Analysis Sheet</u>		

This main page can be shared and the items underlined will open up to other documents as they are clicked. Much technical info, spreadsheets and maps are included. All this info can be shared with TDS, GLE or whomever we wish to share with.

On the two spreadsheets: one is the ISP point of view (if Beaver Island acted as the ISP however Fishbine thinks this would be very challenging for us). The other spreadsheet details if we had financing from another source. Numbers can be changed and recalculated.

Many points of interest.

Spreadsheets and maps show fiber that is aerial ran with the cost per mile as well as fiber distribution.

One thing to remember is that these numbers are “cost” not the final “price”
TDS map shows where previous grant money has been distributed. We need to realize that the FCC reporting content is not reality.
Methodology section shows how they came to their conclusions.

Kitty wonders now that we have the Quickstart Study, what is our agreement with Mitchell and Fishbine?

The answer is that they have provided our project overview per our contract and we have the content. They will continue to provide some consulting and they expect to continue to answer questions as this is a lot of content to digest.

Kitty asks if they do grants. They do not unless we have a large checkbook.

Kevin asks about the wireless coverage concerning the terrain. Discussion follows about the propagation models used.

Chris Mitchell reviews the Recommendation section and what our next steps could be. He mentions Page Clason and the similar issues they had in getting their Maine islands connected. We might look into the public-private partnership and some creative financing.

Dick asks what we can do to look more attractive to GLE? The answer is to share this content. The Quickstudy is a good starting point and would save GLE time. Additionally we need to have some discussion with the community. Other communities have used non-binding pledge cards to show their enthusiasm. It would look favorable to have commitment from the community.

Kevin updates Fishbine and Mitchell on the “Pools of High Speed Service” that we are pursuing.

Quickstudy presentation ends at 6:38 pm.

Kevin mentions the Michigan Moonshot info that was sent electronically. We should review this. He will meet with the Health Center in regards to the Pools of Service and the consortium. Kitty will be meeting with Patrick and the library to also discuss Pools of Service and the consortium.

Next Meeting Date

The next BITAC Meeting will be Wednesday, December 18, 2019 at 5 pm.
We will further discuss the Quickstudy content as well as have updates on the consortium.