



Technical Working Group to the Alaska Statewide Broadband Advisory Board

June 19, 2024 – 9:30am-11:00am

Regular Meeting

Alaska Broadband Office - Alaska Department of Commerce, Community & Economic Development

This meeting will be virtual only.

Online Meeting Details:

[Join the meeting now](#)

Meeting ID: 224 826 344 688 Passcode: QimndS

Call In: 907-202-7104; Phone conference ID: 795 934 227#

AGENDA

- I. Call to Order and Roll Call
- II. Approval of Agenda
- III. Declarations of Conflict of Interest
- IV. Approval of Minutes from Prior Meetings
 - a. Approval of Minutes of the Regular Meeting of June 7, 2024
- V. Staff Reports (None)
- VI. Unfinished Business
 - a. Discussion Item: Prioritization of Non-Fiber Technologies
- VII. New Business (None)
- VIII. Public Comment
- IX. Working Group Member Business from the Floor
- X. Next Meeting Date
 - a. Discussion Item: Set Alternate Meeting Date to July 4, 2024
- XI. Adjournment



SBAB Technical Working Group Agenda Statement

Meeting Date:	June 19, 2024
Item Number:	IV.a
Item Title:	Approval of Minutes of the Regular Meeting of June 7, 2024
Submitted By:	Alaska Broadband Office Staff
Recommendation:	Approve Minutes of the Regular Meeting of June 7, 2024
Attachments:	1) June 7, 2024 Regular Meeting Minutes

Summary Statement:

The Technical Working Group needs to review and take action on minutes from previous meetings. The draft minutes from the June 7, 2024 are attached for review and consideration.



Technical Working Group of the Alaska Statewide Broadband Advisory Board

Alaska Department of Commerce, Community & Economic Development
Minutes for Regular Meeting - June 7, 2024, at 11:00 AM AKST.

These draft minutes were prepared by staff and have not yet been approved by the Technical Working Group.

Attendance

Present:

Members: Tony Dodge, Daniel Kirschbaum, Martin Marshall, Matthew Narus, Christine O'Connor, Matthew Peterson, and Michael Willmon.

Staff Present: Thomas Lochner, Director; Lisa Von Bargaen, Deputy Director; and Kalynn Himes, Administrative Specialist.

Members Absent: None.

I. Call to Order and Roll Call

As this was the first meeting of the Technical Working Group, Deputy Director Von Bargaen called the meeting to order at 11:02am.

Deputy Director Von Bargaen called the roll, and seven members of the Technical Working Group were present. Quorum was met.

II. Approval of Agenda

Motion by Daniel Kirschbaum to approve the agenda as presented. Seconded by Christine O'Connor. Approved by Unanimous Consent.

III. Declarations of Conflict of Interest

None.

IV. Approval of Minutes from Prior Meetings

None.

V. Subcommittee Reports

None.

VI. Staff Reports

None.

VII. Unfinished Business

None.

VIII. New Business

a. Ethics Training

Sara Chambers, Boards and Regulations Advisor, provided a verbal summary of the ethics information provided in the meeting packet, and answered questions from Technical Working Group members.

b. Approval of Rules of Order

Motion by Matthew Peterson to approve the Rules of Order. Seconded by Daniel Kerschbaum. Approved by Unanimous Consent.

Michael Willmon inquired if the Working Group should discuss the Chair position being automatically populated by the Industry Representative position on the Statewide Broadband Advisory Board. There was no further comment by Working Group members.

c. Approval of Prioritization of Non-Fiber Transmission Technologies

Motion by Matthew Peterson to approve the Prioritization of Non-Fiber Transmission Technologies. Seconded by Michael Willmon.

Michael Willmon initiated the discussion bringing up several ways in which the topic could be approached, including the difference between middle mile and last mile deployment needs.

Director Thomas Lochner provided context for the request related to the Broadband Equity, Access, and Deployment (BEAD) program.

The full working group discussed the need to conduct considerable work before recommendations could be made and official action could be taken. There was discussion about the way in which the Working Group would need to meet in publicly noticed meetings to conduct due diligence work. Michael Willmon volunteered to develop a matrix of technologies in preparation for the next meeting.

Michael Willmon moved to postpone action on the item until appropriate due diligence was completed. Matthew Peterson seconded the motion. The roll was called for the vote and the motion passed seven votes in the affirmative.

IX. Public Comment

Shawn Williams from PDI requested a review of the potential conflict of interest by members of the Technical Working Group providing the technology prioritization. Mr. Williams explained it was likely several members of the Technical Working Group would be participating in the development of applications for the upcoming Alaska Broadband Grant Program (using BEAD funds) in which this technology prioritization recommendation may be used.

Sara Chambers, Boards and Regulations Advisor, responded that she would address the issue with the Alaska Department of Law.

X. Board Member Business from the Floor

None.

XI. Next Meeting Date

It was determined the next meeting would be held on Wednesday, June 19, 2024, from 9:30am-11:00am. The Technical Working Group decided to meet every two weeks thereafter on Thursdays at 9:00am.

XII. Adjournment

Motion by Michael Willmon to adjourn. Seconded by Matthew Peterson and approved unanimously.

The meeting was adjourned at 12:13pm on June 7, 2024.



SBAB Technical Working Group Agenda Statement

Meeting Date:	June 19, 2024
Item Number:	VI.a
Item Title:	Discussion Item: Prioritization of Non-Fiber Technologies
Submitted By:	Alaska Broadband Office Staff
Recommendation:	None. Discussion item only.
Attachments:	1) Prioritization Matrix

Summary Statement:

Michael Willmon has prepared the attached matrix for use by the Technical Working Group in evaluating the non-fiber technologies. The Working Group will have a discussion about the different technologies during the meeting.

SBAB_TWG_Prioritization_Matrix

Primary Column	GEO	MEO	LEO	6Ghz	11Ghz	18Ghz	23Ghz	80Ghz	2.5Ghz	3.65Ghz	4.9Ghz	2.4Ghz	5.3Ghz	5.4Ghz	5.8Ghz	60Ghz
1 Transport Area (Middle Mile/Last Mile)	Middle/Last	Middle/Last	Middle/Last	Middle (Long Haul)	Middle (Long Haul)	Middle (Short Haul)	Middle (Short Haul)	Middle (Short Haul)	Last	Last	Last	Last	Last	Last	Last	Last
2 <input type="checkbox"/> Performance (Yes/No)																
3 Download Bandwidth	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
4 Upload Bandwidth	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5 Latency	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
6 <input type="checkbox"/> Capital Cost (1-10)																
7 Engineering		4	4	4	7	7	7	7	7	5	5	5	4	4	4	4
8 Material		3	3	3	6	6	6	6	5	5	5	5	4	4	4	4
9 Installation		5	5	5	8	8	8	8	6	5	5	5	4	4	4	4
10 Mobilization/Demobilization		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11 Testing		4	4	4	6	6	6	6	6	4	4	4	4	4	4	4
12 Other																
13 <input type="checkbox"/> Annual Operating Cost (1-10)																
14 Spares		4	4	4	6	6	6	6	6	4	4	4	3	3	3	3
15 Power/Fuel		3	3	3	8	8	8	4	4	3	3	3	3	3	3	3
16 Labor		2	2	2	4	4	4	4	4	3	3	3	2	2	2	2
17 Other																
18																
19 NOTES:																
20 1. This is a matrix built solely on the Agenda statement																
21 2. Values provided are only relative and could be very																
22 3. Values provided are only this engineers high level																
23 4. There may be other ways to prioritize these																



SBAB Technical Working Group Agenda Statement

Meeting Date:	June 19, 2024
Item Number:	X.a
Item Title:	Discussion Item: Set Alternative Meeting Date to July 4, 2024
Submitted By:	Alaska Broadband Office Staff
Recommendation:	None. Discussion item only.
Attachments:	None.

Summary Statement:

The Technical Working Group set a schedule meeting every two weeks on Thursdays at 9am. The next regularly scheduled meeting falls on July 4th. The Working Group will need to choose an alternate meeting date.