

**AMC GOVERNANCE BODY MEETING
MINUTES FOR GOVERNANCE BODY MEETING
AUGUST 14TH, 2024**

Microsoft Teams meeting

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Meeting ID: 232 184 224 687

Passcode: BWMkND

Alaska Mariculture Cluster

Governance Body

Robert Venables – SEC

*Richard Peterson – Tlingit &
Haida Central Council*

Rhonda Weyner – SWAMC

*Tom Panamaroff – Koniag
Corp*

Chase Berenson – Aleut Vent.

Kristin Smith– PWSEDD

Gregg Renkes – Chugach Corp

Jason Lessard – AMA

Heather McCarty – AMA

Thea Thomas – AMA

Markos Scheer – AMA

*Julie Decker – Seafood
Industry, PSPA*

Cassidi Cameron- KPEDD

The AMC Governance Body meeting was called to order at 10:07 am on August 14th, 2024.

Members present: Jason Lessard, Ralph Wolfe (T&H), Markos Scheer, Robert Venables, Kristin Smith, Thea Thomas, Cassidi Cameron, Tom Panamaroff, Chase Berenson, Julie Decker, Rhonda Weyner, Greg Renkes, Heather McCarty.

Others in attendance were Nick Mangini, Charlie Herrington, Dan Lesh, Mariah Offer, Juliana Leggitt, Sean Den Adel, Alan Sorum, Willow Hetrick, Kaleigh Hamernik

Virtual non governance body member attendees included: Shirley Kelly (EDA representative), Keolani Booth, Patryce McKinney, Hannah Wilson, Missy Good, Karli Tyance Hassell, Sara Ebersole, Brooke Leslie, Hannah Wilson, Jenna Kennedy, Ashley Snookes, Kristy Clement, Tomi Marsh, Noah Meyer, Micheal Chang, Haley Terpenney, Noah Meyer, Leslie Jackson, Sara Ebersole, Brooke Leslie.

Opening remarks: Tom Panamaroff gave a welcome from Koniag and a safety site briefing. Introductions around the room followed, including introductions of those participating virtually.

Approval of April 15, 2024 meeting minutes

Minutes were approved unanimously.

Old Business

N/A

**New Business-
Regional Liaisons Update:**

Jason-

Mentioned event in Anchorage for film showing with WWF on August 18th.

McCarty would like to see the liaison program with the governance body in coordination with AMA priorities (the AMA board recently had a strategic planning session). Lessard mentions having Sea Grant funding to continue to fund the KALI

contract, sea grant also agreed to providing funding for a strategic planning event for the liaisons. AMA board is looking for more feedback from liaisons about individual Tribal priorities toward mariculture. There was a folder provided previously about the State matching grant fund.

Concerns were expressed around the follow-up of the communication plan. Cameron asked about the outcomes of the Rising Tide communication plan; feels like there are two lanes of subsistence vs commercialization, and how are these coordinated? SEC responds with not having funding to implement the communication plan by Rising Tide, but SEC does have funding for the remainder of the grant for the liaison program. Robert mentions the point is to support AMA as the industry trade group to carry the baton forward. Markos expresses that the main goal of BBB original plan is to accelerate a mariculture industry in Alaska, and the second is to create an entity to guide the future the industry in an equitable manner. Juliana briefly mentions there being funding to be reallocated as we are slightly below the projected rate of spending. Robert Venables wants specificity and clarity in recommendations for how to reallocate funds. McCarty discusses findings from the AMA communication plan: 1.) AMA wants to be the front runner of this industry 2.) AMA needs a full-time communications person, there is no money for that staff within their BBB budget. Pamaraoff mentions the liaison program has been under funded from beginning, this is why we are struggling with this program so much, and it is the most important one. Julie Deckers asks the liaisons to express what else they still need from the governance body as support for their outreach roles. Den Adel expresses it being tough to individualize the outreach around RFP's.

Keo asks how BBB can provide funding for individuals to start a farm. Venables remind the governance body about public tax payer dollars only being available to certain entities to utilize, not for-profit entities. SEC cannot pay individuals with BBB funds. Decker says that collaboration is the work around for this issue and that individuals should put in an application for the AMA matching loan fund.

Markos commented on the continued need for technical support for RFP applications and financial support, can the governance allocate funds from MRTC to help with this lift? Lessard says that liaisons have some technical assistance in their scope of work. Venables highlights this ongoing effort is for AMA, not SEC, to steward because BBBRC only has two more years of funding. Decker concludes with two short term goals that help summarize the previous dialogue: 1. Bring liaisons together (McCarty reminds the body that sea grant has funding to bring together the liaisons for strategic planning) 2. Provide technical assistance.

Renkes asks about technical assistance and if there has already been collaboration with the State or Alaska Small Business Center? There were comments made about community economic development helping fill this void. Scheer mentions that F&G and DNR are collaborative and can help with technical assistance as well, but are careful as they are also regulators.

Leggitt shares that the reallocation of funds cannot change the total amount budgeted per component project. Shirley Kelley mentions that the headquarters BBB staff will be at next governance body meeting, Kelly suggested the governance body make a pitch for the reallocation of funds. The governance body agreed to put together a committee to look into recommendations on how to best reallocate available funds.

- Karli Hassel requested a more all-encompassing format/ data base for mariculture. Can we do a social network analysis? Liaison program needs this to be able to pull all this information together. utilize Perhaps social network analysis can help pull together the projects? Juliana Leggitt mentions Ecotrust making connections between each project and how they are interacting with the intended project. Leggitt will follow up with Karli about social network analysis and potential overlap with Ecotrust work.

Southeast Alaska; Brooke Leslie- Spruce Root & Keolani Booth- EcoTrust

- Keolani is working on developing connections between net builders and the mariculture industry to assist farmers in acquiring high quality and consistent gear.
- Ecotrust held an open reception for the communities in SE during this past 2024 celebration in Juneau, Alaska and presented alongside other Ecotrust employees in Juneau while educating folks about mariculture in Alaska and how to get involved.

Kenai Peninsula, Alaska; Briana Murphy, CRRC

- Briana hosted indigenous participants of the Community Coastal Experience Group, through the EVOS-funded CoRal Network, in Seward at APMI's facility. Activities included traveling to Lowell Point beach for seaweed collection and identification, with elders, and a kelp processing workshop for bull kelp pickling, salting, and fermenting kelp. The group was broken up into three separate groups so each participant could have a chance to walk through and actively participate in each processing method.
- Briana also hosted the Qutekcak Native Tribe and participants at APMI for a kelp processing workshop. She walked participants through two different methods of processing kelp, including salting for food consumption and fermenting for use of kelp as a soil amendment. Participants took home buckets of fermented kelp and watering cans and instructions pertaining to how to manage fermented kelp.

Kodiak, Alaska; Lexa Meyer & Robbie Townsend Vennel, KALI

- Mariculture Work Session at the Kodiak Archipelago Rural Regional Leadership Forum. 56 participated in this session including tribal, rural and Alaska Native leadership from six Kodiak communities, funders and agencies including USDA NRCS personnel and the USDA State Conservationist, Alaska Village Initiatives, and Dr. Courtney Carothers, UAF Associate Professor, This Forum's focus was on integrating rural leadership views on soil and hydroponic farming, fisheries and mariculture into a more cohesive high level regional plan.
- Mapping and Tracking Mariculture Investments in Kodiak. Robbie and Lexa met with AMC

evaluators Noah Enelow and Denise Chin with EcoTrust on June 10 to discuss mapping current AMC mariculture investment in the Kodiak region and how KALI has worked to leverage those investments. EcoTrust documented the discussion, and a follow-up meeting will be scheduled later this summer. The intent is to provide for a robust evaluation process that captures not only direct but leveraged impacts.

- Joint Innovation Project Proposal Support for the June 17th RFP Deadline. – Lexa met with potential grant partners including Alaska Native farmers, NOAA, UAF, and private companies to help develop, refine, and complete a project proposal focused on kelp stabilization that would purchase kelp from local Alaska Native farmers.
- Kelp Fertilizer Proposal Development- KALI and Lexa are supporting the development of a proposed project that includes rural and Alaska Native partners in anticipation of the release of a Fertilizer/Bio stimulant proposal through Southeast Conference with a very large potential to benefit rural and Alaska Native hydroponic growers.
- Native Village of Ouzinkie/City of Ouzinkie Research Permit Assistance- Assisted this community applying for a research permit for the site they are in the process of permitting. This permit would allow for permitting for the Other Species in Mariculture Proposal Fall 2024- Spring 2025.

Prince William Sound, Alaska; Sean den Adel, CRRC

- Sean helped plan and coordinate CRRC's 22nd Annual Subsistence Memorial Gathering held at the UAA Student Union in Anchorage. This year the theme of the Gathering was Mariculture and CRRC highlighted ongoing mariculture projects throughout the Chugach region
- Sean provided outreach to the regional Alaska Native villages, corporations, and non-profit organizations about the second round of AFDF – Joint Innovation Project RFPs opening.
- Sean co-hosted a Mariculture Opportunity Workshop in Valdez with UAF-ABEC and PWSRDD to an audience of about 15-20 community members.

Southwest, Alaska: new liaison- not in attendance

- Berenson mentions that with Peter Pandeparting from fisheries, maybe SW will be more open to mariculture. The eastern part of the Aleutians is where there are current mariculture farms. Jason said there was only one application (Q tribe) which is why we are where we are.

Regional Community Feedback Highlights

Grant/Loan Programs Access

- Project timelines are becoming a concern as funding has not yet been received by some of the organizations that were awarded AMC Equipment funding. Equipment purchases need to be made soon for projects to stay on track during the 2025 kelp farming season. SEC is working with EDA to expedite the process, including facilitating options for legal review.

New Entry Activity

- Many interested fishermen in the PWS region have not applied for aquatic farm permits because they have yet to see existing farmers develop profitable businesses.

- State of Alaska annual/biannual cost to starting, maintain and operate are high (even if you are not actively farming yet) that they are a huge barrier to entry.
- Lack of Funding to start operations and assistance with lease payments. Concerns with wild harvesting of bull kelp outside of Kake, and local Alaskan farmed bull kelp prices are also a concern for those slated to start farming it.
- Many students and younger participants of tours expressed surprise at possible uses of kelp.

Industry Cooperation and Development

- Overall it seems there is a sense that the industry is attainable for folks after realizing there are funds and groups dedicated to helping Alaska residents build up the economy through mariculture. The interest in the kelp and mariculture field from tradesman and also the salmon fishing and net building community was an unexpected but very fruitful conversation.
- Kodiak communities are now considering oyster development as a more likely pathway to growing rural opportunity. This concern is reflected in the decline of interest in kelp related training opportunities.
- Valdez is eager to participate in the mariculture industry and there are several people interested in starting an oyster farm. The City of Valdez is a strong supporter of economic development in the region and sees mariculture as an opportunity for the community.
- Cordova's kelp farmers and non-profit organizations have been meeting and communicating more frequently with one another and collaborative efforts to procure and operate kelp processing equipment are in the early stages of development.
- There is a growing interest in pursuing organic certification for kelp crops.

Leasing / Permits

- Concerns with permitting timing and issuance due to the new ESA listing of sunflower sea star. Residents of the Kodiak Archipelago are concerned with the duration and possible barriers to permitting that the new ESA regulations will have on the mariculture industry and commercial fishing.

Native and tribal entities

- Tribal members from Chugach regions are interested in learning more about kelp mariculture but are significantly more interested in enhancement projects for clams and bidarkees.

Project Updates-

Revolving loan fund-

SEC is very close to finalizing the RLF. The intent is to maximize the connections between banks, Spruce Root, CDFI's, and collateral support (what SEC is currently focused on). SEC has an agreement about to be signed with the Northrim Bank. Tongass Federal Credit Union will likely be working next as well as Spruce Root, and possibly the State. AMA wants to coordinate with SEC rollout of RLF for the second

round of AMA state matching grant.. Payback terms are set by lending institution. SEC will likely seek an extension into 2027, the funds must be obligated by early 2026.

Gov, Coord, Outreach Updates:

AMA- covered in the initial hour of meeting. See pages 1 and 2 for AMA discussion and update.

Mariculture Film showing with WWF that includes a Q and A with panel of Mariculture experts on August 18th at 49th state brewing.

KPEDD- Camerson has been supporting individuals with what to do with a FLUPSY. Collaboration with Missy Good in attempts to specialize a template they found for an investment guide. Venables asks about interest for mariculture in the Kenai Peninsula. Cameron responds with oysters being popular and easily scalable, but what are the impacts of the awarding of the FLUPSY? There are questions around seed production for the state? Will we need to continue to get them from Hawaii? Overall, people are cautious about seaweed, how will they make money?

PWSEDD- Kristin has been aiding individuals and villages with support to enter the mariculture industry. Smith highlights the ongoing issue of markets and how the governance body should tackle this as a group. PWSEDD was awarded funding through the equipment program. Sirputis is the vendor they are working with to order the equipment for Cordova, AK. This piece of equipment will be able to rinse, blanch, and shred kelp. Smith is still workshopping the order. She is hoping to connect with potential buyers to ensure that the rinse, blanch, shred is the most desired in the current market. The collective that will manage this equipment will lease warehouse space from the local telephone company. The dryer they are looking into can dry 40,000 pounds of kelp within 48 hours. They are looking into a power grid system to help support the electric demands of the dryer. They are looking to hire an equipment lead to help run the system in order to help kelp farmers who would utilize these resources. There is lots of interest in how to stabilize kelp and then process? How to do it?

SWAMC- Mangini mentions, the soon to start, Outreach tour for WWF film. Stops included are Anchorage, Homer, ferry to Unalaska, then ferry to Kodiak. Amy Petersen from Kodiak National Wildlife Refuge (liaison) will come with to meet with native elders to discuss uses of mariculture. Mangini hosted a Kelp festival in Kodiak that was 3 days, folks showed up with lots of handmade food and crafts, total of 500 people in attendance over duration of festival. Mangini was happy to report there was a lot of community support around this event. Feedback within the governance body showed that other regions are very interested in replicating these efforts as a positive community event/ outreach. Mangini assures people after travelling to Scotland for a mariculture event, that the issues within Alaska Mariculture are not location specific. These issues are similar for other countries. On his way back east from Scotland, Mangini stopped over in Iceland to see a dryer that requires two engineers and can process up to 3,000 pounds of kelp. This machine has raw kelp enter and the product exits the machine bagged and milled. The source of energy is partial geothermal and partial electricity. Electricity is similar cost to Iceland in Kodiak (18 cents a KW).

SEC- There are many contracts soon to be finalized. Staff is working hard on onboarding for newly awarded equipment sub awardees. Feasibility study contracts are making headway, other species

contracts are making headway. Both projects will have updates at the next governance body meeting. SEC is getting prepped for Seagrass presentations and networking.

Workforce Development

UAF- Missy Good reported that the Kodiak kelp festival previously mentioned by Nick Mangini was a huge success and very well attended. Missy is interested in trying to replicate these events elsewhere, she opens the invite for people to reach out for support/ planning. Ketchikan and Cordova are hopeful next spots. UAF hosted a seaweed genetics workshop in April. UAF helped host the Scottish seaweed industry exchange with sea grant funding. A webinar for this Seaweed Industry Exchange is on AK seagrant.org website. UAF hosted a seaweed stabilization workshop in Kodiak, in May. UAF hosted an Intro to seaweed growing workshop. They are still working on the Alaska Kelp farming manual. They have completed interviews and have made substantial progress in the drafting of this document. The College of Fisheries and Ocean Sciences held abalone spawning training in April. Center ICE and ABEC has completed 15% of their intellectual consulting. Alaska Mariculture Conference planning is underway. UAF is supporting a bull kelp workshop, soon to be opened to the public. They are developing kelp business guidance, which includes training materials, worksheets, videos (first will be held in January). UAF is looking ahead to a seaweed processing workshop in May of 2025. Oyster farming training in the works but no foreseeable dates. UAF will be hosting an NCCOS suitability workshop in February of 2025 Mariculture Conference. UAF will be hosting a professional development knowledge exchange for Alaska Oyster farmers, will be sending these folks to Washington for this. Venables asks about equity goals and how does UAF track these? Missy good says they are doing well within required equity metrics; these metrics are gathered in the application process.

UAA- Juliana Leggitt reported that the UAA mariculture classes offered are completely full. SEC have been able to provide housing funding and wraparound services for students. Several students that have gone through the program have been placed in internships and then into paid positions (glide path for workforce development initiative). Juliana is working on a one pager information sheet to advertise to entities who would be interested in hosting internships. Willow Hetrick speaks to current internships being housed at APMI. Both interns are mariculture focused and both are paid a living wage.

BREAK FOR LUNCH AT 12:35 PM BACK AT 1:15 PM

UAS- Sara Ebersole presents- UAS is excited to start another semester of Intro to mariculture course online. 6 of MRNT students from UAA came to Sitka for a three-day intensive, this included seaweed identification and spoor processing. The UAS Dive program will be up and running this fall. Alaska aquaculture semester starts in a couple weeks (half of students enrolled are from Alaska). Demographics are changing to be 25 and older, returning to school, rather than directly out of high school. Venables inquired about demographics of program beneficiaries. Sara responds that there is one Alaskan Native enrolled. Three or four students are from rural areas (within Alaska), all students who are Alaskan residents will receive full tuition scholarships.

Research and Development

AFDF: Hannah is moving on to NOAA, will be transitioning out of AFDF. Hannah Wilson Presents.

- 1.) **Mariculture conference planning** – early planning stages and save the date coming soon (February 18-20, 2025). Sea Grant is helping plan.
- 2.) **Joint Innovation Projects**- refer to handout in the summaries. Round one is coming to a close. A new cohort was recently announced, working on signing contracts. 14 projects totaling \$1.3 million. There is diversity of businesses and farmers who applied.
- 3.) **Seaweed Tissue Analysis**- all samples are currently in the lab and being analyzed. AFDF will receive results in October. Soon they will publish an RFP to onboard an expert seaweed scientist to synthesize the data gathered from the lab. Sheer asked which species were analyzed? Hannah mentioned she would follow up with the matrix. Venables asked about nutritional profile analysis and FDA approval. Hannah responds that an array of vitamins, minerals, fat, proteins, general nutrition analytes were included in this study. They are analyzing unprocessed kelp, therefore FDA guidelines wouldn't be of much help at the moment.
- 4.) **De-risking Farm Investments**- Funding is available for projects up to a total of \$1.4 million dollars, closes on Friday. No proposals yet but AFDF is hopeful.

Fish and Game – Juliana Leggitt presents

Alaska Fish and Game is continuing with their genetic analysis work. They have developed an initial sample collection and extraction process. They ran into some issues with this initial effort. They have purchased a computer cluster which will help them extract data and streamline the process of how to regulate seaweed in the future.

Market Development – Dan Lesh presents

Total of \$1.2 million in this pot.

Food for Climate League has completed about \$200,000 worth of research. The initial findings are posted on the AMC website, news release. There will be more results from their findings available at the end of the month (task 2) regarding food grade topics. Task 3 (recommendations on the kind of marketing programs and messaging will be most effective) will be available at the end of October. Task 4 findings will be available by end of December. Eventually these findings will be tied up and packaged in a way that is easily transferrable to the next marketing contractor. Lesh mentions there is more marketing groundwork to lay before presentations can be made at trade shows such as Seagriculture. There will be someone from Hatch Blue Consulting services in attendance at Seagriculture to present on their findings. McCarty asked if ASMI folks have been asked to collaborate with Hatch. Hatch interviewed them but ASMI does not have the bandwidth to be more involved. Task 1 deliverables for Hatch are on our website currently. McCarty said that finding a long-term implementer of these marketing findings will be an uphill battle.

Markos mentions USDA has lots of funding for this type of initiative. AMA should investigate these potential funds. This would be a great way to show value to the membership of AMA.

Green Energy (AFDF)- Hannah presents

Chandler Kemp is PI. A research assistant has been hired, Calvin George from Port Graham. Lots of outreach and recruiting has been conducted to help bolster participation for contributions to baseline energy data gathering. 14 farmers have completed the Green Energy in Mariculture Study interest form. UAF Green Energy team is planning a site visit to Cordova this fall. Chandler has shared with AFDF staff a literature review of Green Energy plans currently being conducted throughout the state organized by location. Venables asks about equity metrics within this project. Hannah responds that Calvin George is an Alaska Native. Chandler has been utilizing liaison networks to better connect with these demographics.

Equipment and Technology-

Juliana presents – first round is taking a little longer than anticipated. SEC has received guidance from EDA that equipment proposers will be subawardees rather than contractors. Alan is the SEC staff person to aid subawardees with the technical paperwork. Dan mentions that SEC is committed to 3 rounds of this equipment RFP. There were questions around if there is time within the grant duration to do three rounds of this RFP? SEC responds with having more time cushion if we chose to do only 2 rounds. Total funding for this initiative is \$7 million total obligated but \$2.3 million per round. Cameron asks if there will be a 2-step process like the first go round? Dan says, unsure. It takes 4 to 6 months to even make the purchase, and we are not close with anyone subs / awardees yet. Most Governance Body members have advocated for 3 rounds.

DEC- Patryce presents – all instrumentation is installed. Microbiologist position was recently filled. Biology supervisor position has not been filled. This has put a strain on progress. Purchase threshold internally has been increased to 10,000. They will send 2 analysts to South Carolina to train for the method. They will only send these folks if the governor chief of staff approves. They will send 2 analysts to Boston to train for use to new technology. They will only send these folks if the governor chief of staff approves.

Review of RFPs/RFQs closed and awarded since last meeting.

-Equipment first phase of funding – 9 entities were invited to submit a full proposal in October/ November. Two in Kenai Peninsula, two in Kodiak, four in Prince William Sound, and one in Southeast. Requests were made for more frequent micro loans, and specifically for nursery equipment. The second RFP on this will be published in September.

-Seaweed tissue analysis- mentioned in R&D update by AFDF, Hannah Wilson

-Joint Innovation Project Round 2– mentioned in R&D update by AFDF, Hannah Wilson

-Heavy Metals in Kelp Advising- Dan Lesh

Other Topics

Current RFP's and contracts -

Derisking investments in Aquatic Farming (managed by AFDF)- The goal with the outcome of this RFP is to ensure that people have what info they needed to invest in expensive items. SEC, AFDF, and marine consortium created this RFP. This RFP was published on 7/3/24 and closes on 8/16/24. No ceiling for funding per proposal. Total budget for project is \$50,000-\$500,000.

Kelp agriculture product development and testing RFP – 2-year project timeline, up to \$500,000. White paper formed and dispensed at Seagriculture.

Carbon sequestration – still waiting to utilize these funds. Still monitoring but not investing at the moment. SEC welcomes suggestions on this topic. Decker suggested that this funding could be something that is reallocated, if carbon sequestration is not a high priority topic. This RFP was released 8/13/24 and will close 10/7/2024. Decker asked if there has not been much collaboration with other entities throughout the state looking into this topic.

JIP round 1 summary findings – refer to handout. Juliana combed through photos and findings, but governance body members have resources to read through with more details. Brooke asks about how we are leveraging the connection between project to project (within BBBRC).

Another round of **Other Mariculture Species** to come this fall. \$150,000 limit per project with a total of \$600,000 total budgeted funding.

Spending Plan update-

By the end of 2023, \$3 million has been spent. As of today, 8% has been spent and we've been through 44% of the timeline of the grant. SEC has scored and allocated \$9.4 million for RFP's/ contracts. Decker mentions some reallocation to focus on the market. Is there any way to make it easier for reimbursements? The federal government is looking to increase indirect rates to 15%. Questions around simplifying reimbursement process. SEC answers that hands are tied by both federal guidance and SEC's auditors. The equipment project is a good example of how complex it is to utilize this funding. People are nervous to apply for equipment as they cannot afford to front hundreds of thousands of dollars. Juliana mentions that entities can get the money fronted from EDA, although not simple or easy. Venables acknowledges work arounds for most situations with EDA funds can often be found.

New AMC website presentation- Charlie presents

A new table filtration system for website navigation will be available soon. News articles have been posted since April. The new website will have Google analytics.

There were questions around land projects and if they are allowable costs. Hatchery nursery sector is on land. There is no prohibition with land projects.

Upcoming events in each region

Public comment-

Decker- ArpaE staff want to develop seaweed industry in the US. They have an MOU between US and South Korea. The ultimate goal here is a tech transfer. They are bringing contingents to the US at the end of the month. They requested a video from Murkowski to show support.

Brooke- why would an ANSCA corporation be a sponsor of Seagriculture? Markos responds with this would be a nice opportunity to show what we have to offer. This is an opportunity to put AK seaweed industry in the limelight.

Robert- we are encouraging these entities to be in the room for the conversation because otherwise they do not have a space at the table and should guide investments and hopefully lead or partner in new mariculture ventures.

Meeting adjourned at 3:35 PM 😊

Next Governance Body meeting will be October 30th.

Adopted by participating AMC Board Members on

Attested by: Robert Venables, Executive Director

August 17 th -20ish	WWF film showing	Anchorage/ Kenai/ Homer/ every ferry stop from Homer
9/11/24-9/12/24	Seagriculture	Ketchikan, AK
9/23/24-9/26/24	Southeast Conference Annual Meeting	Ketchikan, AK
2/18/2024-2/20/2024	Annual Mariculture Conference	Sitka, AK