



**ALASKA LAND MOBILE RADIO EXECUTIVE COUNCIL
(A Federal, State and Municipal Partnership)**



MEMORANDUM FOR ALMR Executive Council

April 16, 2010

FROM: SOA Executive Co-Chair

SUBJECT: April 21, 2009, ALMR Executive Council Meeting Agenda

TO: See Distribution

1. **Call to Order.** Commissioner Annette Kreitzer, Executive Council Co-Chairman, will call the meeting to order, at the DPS HQ Conference Room, at 1:30 p.m. Roll will be taken. (5 Min)
2. **Opening Statements and Other Announcements.** Introduction of the newly-appointed Federal Non-DOD executive council member. (10 Min)
3. **Approval of Previous Meeting Minutes.** ALMR Executive Council Meeting draft minutes from Jan 21, 2010. (5 Min) (Atch 1)

Motion: Approve Jan 21, 2010 meeting minutes as written.

4. **Old Business.** ALMR FY11 Operating Budget (35 Min)
 - a. State of Alaska ALMR FY11 budget authorizations (Commissioner Kreitzer)
 - b. Department of Defense ALMR FY11 budget authorizations (Colonel Hayes)
 - c. During the August 21, 2008 meeting, the Executive Council approved the release of the draft FY2010 ALMR Operating Budget for coordination by the ALMR cooperative parties. No feedback has been received and the budget has not yet been approved. This item was tabled until a new Operations Management Office (OMO) contract was established.

In September 2009, the State of Alaska and Department of Defense awarded separate contracts to fund their representative portions of the OMO contract beginning October 1. In preparation for the new State Fiscal Year, the OMO withdrew the draft FY2010 Budget document and prepared their draft FY2011 Operating Budget.

The FY2011 OMO Operating Budget has been prepared, reviewed, and was presented to the User Council at their January 6 meeting for comment/acceptance. At the March 3 meeting, the User Council voted to accept and forward the FY2011 Operations Management Office and System Management Office Operating Budget to the Executive Council for approval. (Atch 2)

Motion #1: Approve the FY2011 Operations Management Office and System Management Office Operating Budget with the understanding that additional operating costs are not funded at this time, but will be readdressed in the FY2012 budget.

d. Cost Share.

Background: The current agreed upon cost share method for the Operations Management Office and the System Management Office states that costs will be shared 50/50 between the Federal government (meaning ALCOM and the FEA) and State/Local government (meaning SOA/DOA and the Local governments SOA/DOA represents). Federal agencies will develop a method to apportion the costs among themselves. State and Local governments will also develop their own method to apportion the costs among themselves.

The initial term of the Cost Share Cooperative agreement (1 July 2009 through 30 June 2010) is hereby extended for one year to 30 June 2011 unless superseded or otherwise terminated by the stakeholders.

Motion 2: The Executive Council approves the extension of the Cost Share Cooperative Agreement for State Fiscal Year 2011 (1 July 2010 to 30 June 2011).

5. ALMR Project Status. February implementation activities site status report attached in hard copy. (Atch 3) (15 min)

a. Budget process change (Mr. Jim Kohler)

b. Office of Emergency Communications "Barriers to ALMR" update (Mr. Tim Woodall)

6. User Council Update. (Major Matt Leveque) (15 Min)

a. At the March 3 meeting, the User Council voted to accept and forward the 2009 Annual Information Assurance Audit Report of Findings (Atch 4) and the 2009 Annual Assessment on System Operations and Management Performance (Atch 5) to the Executive Council for their information.

- b. System Change Request documentation.

Background: ALMR System Change Request Management Policy and Procedure 300-2 requires that all changes to the Alaska Land Mobile Radio (ALMR) System be reviewed and approved in advance according to an established procedure. This way, requests for changes can be advanced in a timely manner and permit affected stakeholders can identify, define, evaluate, approve, and track changes to completion. Following such a process means that System risks are mitigated and that no unilateral actions are undertaken without consultation with affected parties. Once projects are completed, documentation must be provided to the OMO.

A list of outstanding SOA Change Requests is attached (Atch 6). This list is not all inclusive.

7. Operations Management Office (OMO). (Mr. Del Smith) (10 Min)

- a. OMO metrics - provided in hard copy. (Atch 7)
- b. System maintenance issues.

8. New Business. (20 Min)

- a. ALMR FY2012 budget issues
- b. Proposed Army site divesture plan
- c. Revised draft Membership Agreement

Background: At the March 3 meeting, the User Council reviewed comments from respective member agencies concerning the revised draft ALMR Membership Agreement. Comments were accepted in whole, partially accepted, or rejected. Additional language changes were discussed and agreed upon. The final revised draft was sent via email to all council members on March 4 for a vote. The User Council approved Membership Agreement and corresponding Comment Resolution Matrices were forwarded to the Executive Council on April 12 with the following motion.

Proposed Motion: Approve the release of the revised draft ALMR Membership Agreement for coordination by the Parties to the ALMR Cooperative Agreement. The Parties shall review the agreement for both content and legality and provide all comments to the Operations Management Office not later than May 15, 2010.

The motion was not approved by the Executive Council via email vote due to language exceptions.

9. Next Meeting. The next meeting is scheduled for May 20, 2010, 1:30 p.m. at the DPS HQ Conference Room, 5700 E Tudor Road. (5 Min)

10. Adjourn Meeting.

//released on behalf of//

ANNETTE KREITZER, Commissioner
State of Alaska, Executive Co-Chairman
ALMR Executive Council

7 Attachments:

1. Draft Jan 21, 2010 Executive Council Meeting Minutes
2. FY2011 OMO and SMO Operating Budget
3. ALMR Project Status Implementation Activities Reports
4. 2009 Annual Information Assurance Audit Report of Findings
5. 2009 Annual Assessment on System Operations and Management Performance
6. Overdue ALMR System Change Request Lists/De-confliction Summaries
7. OMO Metrics

Distribution:

SOA DPS, Commissioner Joseph Masters
SOA DPS, Deputy Commissioner Robert Gorder
SOA DOA, Deputy Commissioner Rachael Petro
FEA DOI, Ms. Pamela Bergmann
ALCOM/J6, Colonel George Hays
AML, Chief Jeff Tucker
MOA, Mr. Kevin Spillers
ALMR User Council, Major Matthew Leveque
ALMR OMO, Mr. Del Smith
ALCOM/J64, Mr. Timothy Woodall
SOA DOA, Mr. James Kohler
MOA, Mr. Trygve Erickson



**ALASKA LAND MOBILE RADIO EXECUTIVE COUNCIL
(A Federal, State and Municipal Partnership)**

MEMORANDUM FOR ALMR Executive Council

February 3, 2010

FROM: SOA Executive Co-Chair

SUBJECT: Jan 21, 2010, ALMR Executive Council Meeting Minutes

TO: See Distribution

Executive Council Members Present (via teleconference):

Ms. Annette Kreitzer	Commissioner, State of Alaska Department of Administration
Colonel George Hays	Department of Defense (DOD), Alaskan Command
Mr. Harry Kieling	Federal Non-DOD, Department of the Interior
Mr. Kevin Spillers	Municipality of Anchorage, Communications, Grants, & Policy Manager
Chief Jeff Tucker	Alaska Municipal League, North Star Fire Department (via teleconference)

ALMR Project Team Members and Guests Present (via teleconference):

Ms. Rachael Petro	Deputy Commissioner, State of Alaska Department of Administration
Dep Commissioner Bob Gorder	Department of Public Safety
Major Matt Leveque	User Council Chair
Mr. Del Smith	Operations Manager
Mr. Tim Woodall	Department of Defense ALMR Project Manager
Mr. Jim Kohler	State of Alaska ALMR Program Manager
Mr. Joe Quickel	Department of Defense Project Team
Ms. Sherry Shafer	Operations Management Office
Ms. Carol Beacher	Administrative Assistant to the Commissioner

1. Call to Order. Commissioner Kreitzer called the teleconference to order at 1:31 p.m.

2. Opening Statements and Other Announcements. Commissioner Annette Kreitzer briefed that this would be an abbreviated meeting to ensure that issues do not pile up between meetings, but asked if anyone had any other items to share.

Ms. Rachel Petro mentioned that DOA was requested to brief the status of ALMR to the House State Affairs on Tuesday, Jan 26 due to rumors that had surfaced that the Federal government might not be financially supportive of ALMR into the next year.

3. Approval of Previous Meeting Minutes. The motion to accept the May 26 and November 19, 2009, meeting minutes was made by Commissioner Kreitzer and seconded by Mr. Harry Kieling. **The motion was carried and approved.**

4. Old Business. No discussion of Old Business was conducted.

5. ALMR Project Status. The October implementation Radio Site Status Report and MotoBridge™ implementation schedule were provided in hard copy. There were no questions.

a. SOA Program Manager update.

1) Mr. Jim Kohler briefed that the FY11 Operations Management Budget Document was under discussion among the User Council. The February meeting should take action/pass the document to the Executive Council with any comments. Under the Cooperative Agreement, the Executive Council must take action on budget not later than March 31.

2) At the December meeting, the possibility was discussed of changing the cycle of the budget approval process so that the Executive Council could take action by August 10. Any language changes should be executed and ready for the February Executive Council.

b. DOD Project Manager update.

1) Mr. Tim Woodall added to Mr. Kohler's discussion stating that the current cycle of execution of the Membership Agreement/cost share allocations is executed too late in the year to tie in to the fiscal year budget cycle. This was one of the reasons for considering language changes to the governance documents.

2) There are two sites remaining in the MotoBridge® project: Eielson Air Force Base and Valdez. Eielson was awaiting installation of additional circuits and Valdez was awaiting the installation of the tower by SOA ETS. DOD needed assurance the tower would be in place in CY2010 before July 1 due to the expiration of the contracted funds.

3) The Office of Emergency Communications will be conducting a case study of ALMR's adherence to National policy goals and objectives and identify barriers in executing that guidance. They will be in Alaska on February 9 to conduct a kick off meeting. Attendees should be executive-level personnel for each cooperative agency. After they have completed their review and interviews, they will produce a

report which documents the identified areas and provided guidance/solutions to the barriers.

6. User Council Update. Major Matt Leveque updated the Executive Council on User Council (UC) activities.

a. The annual User Council election was held in December. Major Leveque was re-elected as Chair and Deputy Chief Brad Johnson was re-elected as the Vice Chair. Elected representatives are seated.

b. The motion was made to accept the nomination of Tia Horton as an alternate on the ALMR User Council representing the Central Municipalities by Commissioner Kreitzer and seconded by Mr. Kieling. **The motion was carried and approved.**

7. Operations Management Office (OMO). Mr. Del Smith briefed the council on on-going OMO activities.

a. Mr. Del Smith highlighted areas of concern on the OMO metric slides, one being the System busies in December. The spike was attributed in part to a huge storm that had moved through the area and on-going snow removal operations.

The other contributing factor was the Defense Information Systems Agency - Joint Interoperability Test Command was in Alaska December 14 – 18 doing a dry-run for their January exercise.

b. ALMR will perform a Concept Demonstration in January utilizing the Transportable Area South to connect to the Federal Integrated Wireless Network and the Oregon Interoperable Wireless Network.

Mr. Woodall explained this is a FEMA Region X/DOD-sponsored event. Once the technical requirements are understood, ALMR can establish the policies and protocols.

8. New Business. Commissioner Kreitzer presented a short State budget update.

a. Approximately \$350,000 for local agencies, plus additional funds for State agencies operating on ALMR, is included in the ETS FY11 budget.

b. Mr. Woodall briefed that DOD is experiencing some shortfalls in funding. It is critical for the User Council to make some recommendations to the Executive Council on operational sustainment. They must prioritize the sites and provide operational impact related to degraded quality of service potential.

9. Next Meeting. The next regularly scheduled meeting is February 18, at 1:30 p.m. in the AST Training Conference Room. The council will meet, if necessary, otherwise any issues will be addressed at the March meeting

10. **Adjourn Meeting.** Commissioner Kreitzer adjourned the meeting at 2:03 p.m.

ANNETTE M. KREITZER, Commissioner
State of Alaska, Executive Co-Chair
ALMR Executive Council

Distribution:

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FY 2011
Operating Budget

March 2010

Alaska Land Mobile Radio (ALMR)
Communications System

Operations Management Office &
System Management Office

Del Smith, Operations Manager
Operations Management Office
<http://www.alaskalandmobileradio.org>

Operations Management Office Contract Cost: \$451,500.00*

Operations Management Office Manpower

The Operations Management Office (OMO) consists of four assigned contactor personnel: Operations Manager, Technical Advisor, Subject Matter Expert (SME), and Documentation Specialist.

The OMO provides oversight of the duties and responsibilities of the SMO to ensure the availability of the System 24 hours a day/7 days a week, and acts as the single point of contact between the User Council and the SMO. The OMO monitors, audits, and reports on SMO compliance with System service level agreements ensuring appropriate quality assurance and quality control for member agencies.

The OMO maintains System programming and operations documentation, processes and procedures, and user manuals in a reference library.

Included in this cost are periodic reviews and updates, and any newly defined requirements required to support the customers.

*NOTE: This contract cost only represents nine months (October 1, 2009 – June 30, 2010).

NOTE: These expenses are currently addressed in the Operations Management Services Contract currently held by Wostmann & Associates, Inc./5Star Team.

System Management Contract Cost: \$1,614,007.89

System Management Office Manpower

The System Management Office (SMO) consists of five full-time assigned contactor personnel: System Manager, System Technologist, Security Manager, Asset Manager and Help Desk/Documentation Specialist. Contracted System support for after hours and emergency system issues is provided by the Motorola System Support Center (SSC) located in Schaumburg, Illinois. Also available are three Original Equipment Manufacturer (OEM) Authorized System Technologist who provide technical expertise and in-state resources to meet ALMR maintenance requirements on a situational basis. Their services are billed to the contract on a percentage basis.

The SMO is responsible for the annual Preventive Maintenance Inspection (PMI) on each of the operational ALMR sites to verify the operational test and alignment on the customer's infrastructure equipment, identify discrepancies at the sites, and inventory assets for accountability.

Optional Asset Management Services

The following services listed below are currently provided to ALCOM and USARAK only. These services may be offered to any User Agencies with a modification to the contract.

- Track infrastructure equipment
- Manage suspect* equipment
- Track and manager Field Replacement Units (FRU)
- Maintain spare infrastructure equipment inventory
- Conduct annual inventory

*Suspect equipment is equipment that has been removed from a Site and sent in for repair.

NOTE: These expenses are currently addressed in the Infrastructure Operations & Maintenance Services (IOMS) Contract currently held by Bering Straits Information Technology LLC and various subcontractors. The Bering Straits' contract increases by five percent annually.

Equipment Maintenance Contract Cost: \$3,487,012.93

Infrastructure Maintenance

OEM trained technologists are provided by instate resources to meet ALMR maintenance requirements. Out-of-state resources are available as needed for additional support if required to maintain the ALMR System. Infrastructure maintenance services include:

- Preventive Maintenance Inspection (PMI)
- OEM Authorized Technologist Services

Budget cycle based on State of Alaska Fiscal Year (Jul 1 to Jun 30) and reflects projected annual costs.

Current Contracts

* Current FY10 contracts are cost shared between DOD and State of Alaska

Operations Management Office	\$451,500.00
System Management Office	\$1,614,007.89
Equipment Maintenance	\$3,487,012.93
subtotal	
	\$5,552,520.82

NOTE: All expenses hereafter are requested in support of the operating costs to provide the services expected of the Operations Management/System Management Office, and are in addition to the above referenced annual costs. Cost figures provided are estimates based on the previous events/like items.

Operating Costs

** Office supply costs will change annually based on usage.
Cost for website hosting could change based on vendor source.

Day-to-Day Operating Supplies

Office Supplies	\$3,600.00
ALMR Website Hosting	\$120.00
Postage & Shipping	\$300.00
Printer Supplies	\$6,000.00

Special Requirements/Replacement Costs

Software Acquisition/Updates	TBD	\$3,500.00
Network Printer		
** Current printer is five years old and has never been serviced.		
Subscriber Kit & Supplies	Color printer – duplex capable	\$2500.00
	Build disparate radio cable, as required	\$750.00
	Radio programming kits (2)	\$1,164.00
Equipment Repair	Miscellaneous repairs	\$1,000.00

subtotal **\$21,429.00**

Travel & Training

* Staff Development training costs will change each year

* Conferences

* PMI QA travel locations/costs will change each year. These sites are provided for estimating purposes only. Twenty-five percent of all sites must be inspected each calendar year. This list is a representative sampling.

Web site beginner & intermediate	\$500.00
IWCE (Las Vegas)	\$3,500.00
APCO (Philadelphia)	\$3,000.00
Saddle Mountain, Skagway	\$829.00
Haines	\$777.00
Valdez, Willow Mountain, Tsina, Ernestine	\$520.00
Atwood	\$.00
Rabbit Creek	\$.00
Girdwood	\$46.80
Portage	\$57.20
Whittier	\$69.68
Anchor Point, Ski Hill, Kasilof, Sterling	\$453.20
Alcantra	\$46.80
Money Knob, Peger Road, Birch Hill	\$946.20

subtotal **\$10,745.88**

Contract Performance Audit

Audit	\$12,500.00
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subtotal **\$12,500.00**

Total Proposed ALMR Expenditures FY11 **\$5,597,195.70**

FY10 Operations & Maintenance Costs

OPERATIONS AND MAINTENANCE COSTS FOR CONTRACT YEAR 1 JULY 10 - 30 JUN 11 (SOA FY11 / DOD FY10)							
	SHARED EQUIP COSTS						
CLIN	DESCRIPTION	TOTAL COST	ARMY	AIR FORCE	ALCOM	Federal Non-DOD	SOA*
0X01	Radio Site Maintenance	\$2,817,687.53	\$1,418,805.36	\$297,189.32			\$1,101,692.84
0X02	Controller Maintenance	\$409,941.63	\$117,527.32	\$117,527.32			\$174,887.37
	TOTAL SHARED EQUIP COSTS	\$3,227,629.16	\$1,536,332.68	\$414,716.64	\$0.00	\$0.00	\$1,276,580.21
	CENTRIC COSTS						
	DESCRIPTION	TOTAL COST	ARMY	AIR FORCE	ALCOM	Federal Non-DOD	SOA
0X03	KMF Maintenance	\$12,033.76	\$5,054.24	\$3,497.76			\$3,481.76
0X04	Network Manager Maintenance	\$5,134.50	\$2,503.12	\$1,732.88			\$898.51
0X05	Gateway Maintenance	\$29,151.61	\$3,830.06	\$2,870.49	\$15,968.23		\$6,482.83
0X06	Connectivity	\$16,041.06	\$9,626.90	\$6,417.94			
0X07	Console / Logging Recorder	\$197,022.84	\$85,672.44	\$111,350.40**			
	TOTAL CENTRIC COSTS	\$259,383.77	\$106,686.76	\$125,869.47	\$15,968.23	\$0.00	\$10,863.10
		TOTAL COST	ARMY	AIR FORCE	ALCOM	Federal Non-DOD	SOA
	TOTAL O&M COSTS	\$3,487,012.93	\$1,643,019.44	\$540,586.11	\$15,968.23	\$0.00	\$1,287,443.31

NOTE: These costs were provided on Dec 9, 2009

Total O&M Costs: \$3,487,012.93

*Neither DOD, nor the OMO, has visibility of State contracts. If the State pays for connectivity or console/logging recorder maintenance, these are additional costs and not shown.

**Includes the costs for DIACAP.

Contracts **\$5,552, 520.82**

Contracts covering the costs for Operations Management, System Management, and Equipment Maintenance are currently paid on a cost share basis. Contracts only cover those items specifically listed and previously detailed at pages 1 – 3.

NOTE: All costs/expenses listed hereafter are NOT covered in the original contracts, and must be budgeted for and added to the contracts.

Operating Costs **\$21,429.00**

Day-to-Day Operating Supplies

This is the cost of day-to-day business (office and printer supplies, publishing, postage, etc.). Additionally, through a current Memorandum of Understanding between DOD and SOA, the OMO/SMO staffs are provided office space, electrical power, heating and cooling, telephony, internet connectivity, copying and faxing equipment access, meeting and common areas, and receptionist service at no cost. Should the offices move in the future and costs incurred, those costs would need to be added to future budgets and contracts.

Special Requirements/Replacement Costs

Current computer equipment is owned and provided by the DOD. When this equipment becomes obsolete or non-functional, it must be replaced. This would also include the printer, subscriber kits and supplies to support radio programming, and cable building kits. These costs were not factored into the contracts or the cost-share agreement.

Travel & Training **\$10,745.88**

Staff Development

Staff members perform other duties outside the scope of their original contracts (information technology support, web design and maintenance, grant assistance, etc.). In order to support these functions, as well as stay current in technology updates, training is required. These costs were not factored into the contracts or the cost-share agreement.

Communications Conferences

Conferences keep ALMR staff members informed of the latest developments in technology. Additionally conferences offer the ability to network with other land mobile radio users and gain insight into other state's solutions to interoperability challenges and solutions. These costs were not factored into the contracts or the cost-share agreement.

- Association of Public Safety Communications Officials (APCO) Annual Conference

APCO International is the world's largest organization dedicated to public safety communications and has been around since 1935 - far longer than any other public safety communications association. It has more than 15,000 members dedicated to the public safety community to provide information from examining standards and issues to providing education, products and services. APCO members come from all types of public safety organizations: Emergency Call Centers Law Enforcement Agencies Emergency Medical Services Fire Departments Transportation Agencies & Facilities Emergency Management Centers Forestry Services Colleges & Universities Military Units Manufacturers Technical & Repair Services Engineers APCO is at the forefront, ensuring the public safety community is well-equipped. Conferences assist public safety organizations with updating their knowledge and getting the latest information for excelling at their job – protecting the safety and welfare of the general public.

- International Wireless Communications Expo (IWCE)

The IWCE is the forum where all industries and communications IT professionals come together to share thoughts and ideas on wireless communications technologies Individuals who are responsible for planning and implementing an organization's wireless technology future have the opportunity to interact with enterprise Users from industries such as security, utilities, transportation, construction, education, retail, healthcare and facilities management, public safety professionals, wireless service providers, IT professionals, and dealers or consultants. The ICWE also provides an opportunity to attend content rich education and training sessions developed by industry experts.

Periodic Maintenance Inspections Quality Assurance

Periodic Maintenance Inspections are performed at ALMR sites by contracted agencies outside the ALMR OMO/SMO offices. ALMR sites are to be maintained at the levels specified in the Service Level Agreement. In order to ensure these agencies are properly annotating discrepancies to meet the specified criteria, the OMO performs Quality Assurance inspection oversight. Two oversight inspections are scheduled per month during the months of February through October.

Discrepancies are noted and a report is generated of the findings at the site. A copy of the report is provided to SOA ETS. A 90-day follow-up of open discrepancies is performed and a request for status email is generated. Any follow-ups thereafter are determined by the dates provided by SOA ETS for correcting the discrepancies. These costs were not factored into the contracts or the cost-share agreement.

Contract Performance Audit & Services

\$12,500.00

Audit

The stakeholders will annually contract with a third party vendor to conduct contract performance audits on existing ALMR contracted services which at this time include the OMO contract and the SMO IOMS contract.

**ALMR Radio Site Status
as of 28 February 2010**

	Site	Funded Equipment	Usable Sites	Under Maintenance Contract	Frequency Status	Comments 01-31-10	Date Due	Potential Users	Current Users as of 01-31-10
1	Aicantra - Wasilla	DoD-Army	Yes	Yes	G			ARRC	AST, DOT, Wasilla, MSB Fire
2	Anchor River - Anchor Point	SoA	Yes	Yes	G			Homer	DOT, AST, KPB
3	Anchorage Regional Land Fill - 700MHz - Eagle River	MoA						MoA	
4	Asplund Waste Treatment - 700MHz - Anchorage	MoA				Ted Stevens - 700 MHz - Anchorage		MoA	
5	Atwood - 700MHz - Anchorage	MoA	Yes	Yes	G				MoA
6	Atwood Bldg - 800MHz - Anchorage	SoA	Yes	Yes	G				MoA
7	Atwood Bldg - VHF - Anchorage	SoA	Yes	Yes	G	Resolved 06 2009			AST, DOT, IRS, DEA, MoA, Elemendorf AFB, FBI, ATF, US Marshall Service, BLM
8	Auke Lake - Juneau	SoA	Yes	Yes	G			AST, CBJ	DOT
9	Bailey Hill - Palmer	DoD-Army	Yes	Yes	G				AST, DOT, Palmer PD, MSB Fire
10	Beaver Creek-Alaska Hwy (Northway) [SEE NOTE 1 BELOW]	SoA	Yes	Yes	G			Customs	AST, DOT
11	Birch Hill - Ft Wainwright	DoD-Army	Yes	Yes	G				AST, DOT, Fairbanks, Ft Wainwright, FNSB
12	Black Rapids - Richardson Hwy	DoD-Army	Yes	Yes	G			EMS	AST, DOT, BLM, Ft Greely
13	Blueberry Hill - 700MHz - Eagle River	MoA						MoA	
14	Blueberry Hill - VHF - Eagle River	SoA	Yes	Yes	G				AST, DOT, Ft Richardson
15	Byers Creek - Parks Hwy	DoD-Army	Yes	Yes	G			ARRC	AST, DOT
16	Canyon Creek - Richardson Hwy	DoD-Army	Yes	Yes	G			EMS	AST, DOT, BLM
17	Cathedral Rapids - Alaska Hwy	DoD-Army	Yes	Yes	G				AST, DOT
18	Chulitna - Parks Hwy	DoD-Army	Yes	Yes	G			ARRC	AST, DOT
19	Clear - Clear Air Force Station	DoD-AirForce	Yes	Yes	G				AST, DOT, Clear AFS
20	Cooper Mtn - Seward Hwy	DoD-Army	Yes	Yes	G				DOT, AST, KPB
21	Cottonwood Creek - Mat-Su	SoA	Yes	Yes	G	To replace Beckwitts Bluff; Change Request Pending		Wasilla PD	AST, DOT, MSB Fire
22	Diamond Ridge - Homer	SoA	Yes	Yes	G			Homer	AST, DOT
23	Dimond Courthouse (Federal Bldg) - Juneau	SoA	Yes	Yes	G				AST, CBJ, DOT
24	Divide - Richardson Hwy	DoD-Army	Yes	Yes	G				AST, Valdez, DOT
25	Donnelly Dome - Ft Greely (Delta)	DoD-Army	Yes	Yes	G				AST, DOT, Ft Greely, BLM
26	Dot Lake - Alaska Hwy	DoD-Army	Yes	Yes	G				AST, DOT
27	Eklutna Water Treatment Plant - 700MHz - Anchorage	MoA						MoA	
28	Elmore Road & 48th [SEE NOTE 2 BELOW] - 700MHz - Anchorage	MoA	Yes	Yes	G				MoA
29	Ernestine Mtn - Richardson Hwy	DoD-Army	Yes	Yes	G				AST, DOT, BLM
30	Ester Dome - Fairbanks	DoD-Army	Yes	Yes	G				AST, DOT, Fairbanks, Ft Wainwright, FNSB, Ester FD, UAF PD, BLM, ARRC
31	Fire Station 12 - 700MHz - Anchorage	MoA	Yes	Yes	G				MoA
32	Fire Station 12 - VHF - Anchorage	SoA	Yes	Yes	G	Completed 30 December 2008			AST, DOT
33	Ft Greely - Ft Greely (Donnelly Dome)	DoD-Army	Yes	Yes	G			AST/DNR Dispatch	AST, DOT, AST/DNR Dispatch, Delta Junction VFD, Delta Rescue, Rural Deltana VFD, BLM
34	Garner - Parks Hwy	DoD-Army	Yes	Yes	G			ARRC	AST, DOT
35	Gilmore Creek	SoA				To replace Rugged Island; Change Request Pending		NOAA	
36	Girdwood - 700MHz - Girdwood	MoA						MoA	
37	Girdwood - VHF - Girdwood	DoD-Army	Yes	Yes	G				AST, DOT, MoA PD
38	Glennallen - Glennallen	DoD-Army	Yes	Yes	G				AST, DOT, Glennallen, BLM
39	Gold Creek - Parks Hwy (Curry)	SoA				To be replaced by Curry; Change Request Pending		ARRC	
40	Grandview - Seward Hwy	SoA				To be replaced by Tunnel; Change Request Pending		ARRC	
41	Haines - Haines	SoA			G	In wide area November 2009		AST, DOT, Haines PD	
42	Harding Lake - Richardson Hwy	DoD-Army	Yes	Yes	G				AST, DOT
43	Heney Range - Cordova	SoA	Yes	Yes	G			Cordova	AST, DOT
44	High Mtn - Ketchikan	SoA			G	In site trunking 06 2009		AST, DOT, Ketchikan	
45	Hill 3265 - Eielson	DoD-AirForce	Yes	Yes	G				Eielson AFB, AST, DOT, BLM
46	Honolulu - Parks Hwy	DoD-Army	Yes	Yes	G			AST, DOT, ARRC	
47	Hope - 700MHz - Hope	MoA						MoA	
48	Hope - VHF - Hope	DoD-Army	Yes	Yes	G				AST, DOT, KPB
49	Hunter - Seward Hwy	SoA						ARRC	
50	Hurricane - Parks Hwy	DoD-Army	Yes	Yes	G				AST, DOT
51	Independent Ridge - Alaska Hwy	DoD-Army	Yes	Yes	G				AST, DOT
52	Kasilof - Kenai	SoA	Yes	Yes	G				AST, DOT, KPB
53	Kenai Beacon - Kenai	SoA	Yes	Yes	G			Kenai	AST, DOT, KPB
54	Kincaid Park - 700MHz - Anchorage	MoA	Yes	Yes	G				MoA
55	Knik Fire Station 62 - 700MHz - Knik	MoA						MoA	
56	Latimer Chugiak Fire Station - 700MHz - Chuquak	MoA						MoA	
57	Lena Pt - Juneau	SoA	Yes	Yes	G			AST, CBJ	DOT
58	Lions Head- Glenn Hwy (Sheep Mtn)	DoD-Army	Yes	Yes	G				AST, DOT
59	ML&P Plant Two [SEE NOTE 2 BELOW] - 700MHz - Anchorage	MoA	Yes	Yes	G				MoA
60	Money Knob - Dalton Hwy (Livengood)	SoA	Yes	Yes	G				AST, DOT, KPB
61	Moose Pass - Seward Hwy	DoD-Army	Yes	Yes	G				AST, DOT, KPB
62	Mt Sunny Hay - Craig	SoA						AST, DOT, Craig	
63	Mt Sustina - Anchorage	SoA				To be replaced by Goose Bay; Change Request Pending		AST, DOT, MoA	
64	Nenana - Parks Hwy	DoD-Army	Yes	Yes	G			ARRC	AST, DOT
65	Nikiski - Nikiski	SoA	Yes	Yes	G				AST, DOT, Nikiski FD
66	Ninilchik - Ninilchik	SoA	Yes	Yes	G			Ninilchik	AST, DOT, KPB
67	Paxson - Richardson Hwy	DoD-Army	Yes	Yes	G				AST, DOT
68	Peger Road - Fairbanks	SoA	Yes	Yes	G				AST, DOT, Fairbanks, FNSB, SoA Forestry, Ft Wainwright
69	Petersburg - Petersburg	SoA						AST, DOT, Petersburg	
70	Pillar Mtn - Kodiak	SoA	Yes	Yes	G				AST, DOT, Kodiak, USCG
71	Pipeline Hills - Sterling Hwy	SoA	Yes	Yes	G				AST, DOT, KPB
72	Pole Hill - Eielson	DoD-AirForce	Yes	Yes	G				Eielson AFB, AST, DOT
73	Portage - 700MHz - Portage	MoA						MoA	
74	Portage - VHF - Portage	DoD-Army	Yes	Yes	G			ARRC	AST, DOT
75	Quarry Hill - Eielson	DoD-AirForce	Yes	Yes	G				AST, Eielson AFB, FNSB, DOT, North Pole, BLM
76	R1 North - Elmendorf	DoD-AirForce	Yes	Yes	G				Elmendorf AFB, AST, DOT
77	Rabbit Creek - 700MHz - Anchorage	MoA	Yes	Yes	G				MoA
78	Rabbit Creek - VHF - Anchorage	DoD-Army	Yes	Yes	G				AST, DOT, MoA PD
79	Reindeer Hills - Parks Hwy	DoD-Army	Yes	Yes	G			ARRC	AST, DOT, Cantwell VFD, TriValley VFD, McKinley VFD
80	Saddle Mtn - Juneau	SoA	Yes	Yes	G			CBJ	DOT, AST
81	Sawmill - Glenn Hwy	DoD-Army	Yes	Yes	G				AST, DOT, MSB Fire
82	Seldovia - Seldovia	SoA	Yes	Yes	G				AST, DOT, Seldovia
83	Seward - Seward Hwy	DoD-Army	Yes	Yes	G				DOT, AST, Seward, USFWS
84	Silvertip - Seward Hwy	DoD-Army	Yes	Yes	G				DOT, AST, KPB
85	Site Summit - Ft Richardson	SoA	Yes	Yes	G	3 channels added; Change request pending		ARRC	AST, DOT, Ft Richardson
86	Sitka - Sitka	SoA						AST, DOT, Sitka	
87	Skagway - Skagway	SoA	Yes	Yes	G			AST, DOT, Skagway	
88	Ski Hill - Soldotna	SoA	Yes	Yes	G				AST, DOT, Soldotna PD, KPB
89	Sourdough - Richardson Hwy	DoD-Army	Yes	Yes	G				AST, DOT
90	Sterling - Kenai	SoA	Yes	Yes	G				AST, DOT, Sterling, KPB
91	Summit Lake - Seward Hwy	DoD-Army	Yes	Yes	G				DOT, AST, KPB
92	Tahnetta Pass - Glenn Hwy	DoD-Army	Yes	Yes	G				AST, DOT
93	Ted Stevens AIAP - VHF - Anchorage	SoA	Yes	Yes	G			Airport	AST, DOT, TSA, MoA, Kuhlis ANG
94	Tok - Alaska Hwy	DoD-Army	Yes	Yes	G			DNR Dispatch	AST, DOT
95	Tolsona - Glenn Hwy	DoD-Army	Yes	Yes	G				AST, DOT
96	Trims - Richardson Hwy	DoD-Army	Yes	Yes	G				AST, DOT
97	Tsina - Richardson Hwy	DoD-Army	Yes	Yes	G				AST, DOT
98	Valdez - Valdez	DoD-Army	Yes	Yes	G				AST, DOT, Valdez, BLM, DEC
99	Whittier - Whittier	DoD-Army	Yes	Yes	G			ARRC	AST, DOT, Whittier
100	Willow Creek - Willow	SoA	Yes	Yes	G			ARRC	AST, DOT, MSB
101	Willow Mtn - Richardson Hwy	DoD-Army	Yes	Yes	G				DOT, AST
102	Wolcott Mtn - Seward Hwy	DoD-Army	Yes	Yes	G				DOT, AST, Seward, Bear Creek FD, KPB
103	Womens Bay - Kodiak	SoA	Yes	Yes	G				AST, DOT, Kodiak, USCG
104	Wrangell - Wrangell	SoA						AST, DOT, Wrangell	
105	Yanert - Parks Hwy	DoD-Army	Yes	Yes	G			ARRC	DOT, AST
X	St Paul Island - St. Paul Island	DoD	Yes	No Maintenance	G				St Paul PD
C1	Birch Hill - Controller	DoD	Yes	Controller	G				
C2	Tudor Road - Controller	SoA	Yes	Controller	G				
T1	Transportable - South	DoD	Yes	Transportable	G				
T2	Transportable - North	DoD	Yes	Transportable	G				

NOTE 1-Beaver Creek shelter/equipment are installed temporarily at Northway DOT and will be moved back to permanent location after commercial power is installed. Power line project is underway and planned for completion in Summer 2010.
NOTE 2-MoA site names changed to reflect installed sites.

Bold = added since last report

92 G = No known or reported conflicts
0 Y = Possible conflict with provided Frequency(ies)
0 R = Known conflict indicated by Bold Frequency(ies)
92 Total



Alaska Land Mobile Radio Communications System

Operations Management Office 2009 Annual Information Assurance Audit Report of Findings

March 3, 2010

The Alaska Land Mobile Radio (ALMR) Communications System Operations Management Office (OMO) is tasked with day-to-day oversight of the operational System. As part of their responsibilities they randomly audit the administration and controls of certain tasks required under the Information Assurance Program. There are three areas of audit/inspection the OMO oversees:

- Physical Security – managed by State of Alaska (SOA) Enterprise Technology Services (ETS)
- System Management Data Backup Storage – managed by the System Management Office (SMO) and the ALMR Security Manager
- System Log In Report – managed by the ALMR Security Manager

1.0 Physical Security

Physical security areas encompass the OMO, SMO, Project Management Office (PMO), and zone controller space, and the routes to access any of these areas.

Physical security audits consist of unannounced penetration attempts by any visitor to bypass existing security policy/measures and gain access to a location with an opportunity to potentially cause harm to persons or property within the below described areas. The audit complies with established ALMR Facility Security Penetration Policy 200-2. The OMO will conduct unannounced security penetration auditing at a minimum of once each calendar year at the State of Alaska (SOA) Enterprise Technology Services (ETS) facility located at 5900 East Tudor Road, Anchorage, Alaska. Penetration attempts will focus on the ALMR OMO, SMO, PMO, and the Zone Controller areas of the facility, and the access routes to them.

Date of Audit: January 9, 2009

Procedures: An unannounced visitor entered the SOA ETS facility at 3:50 p.m. through the front door. From the front door, he went to the break room, walked around the shop area, back past the reception desk, and then into the ALMR OMO/SMO Office. At no time was he stopped or questioned about his visit. After briefing Operations Management Office staff, the visitor was escorted to the building exit.

Corrective Actions Required: SOA ETS staff did not implement the recommendations from the 2008 Annual Information Assurance Audit Report of Findings. Building penetration was easily accomplished and unchallenged. Entry security for the ETS facility was readdressed, and the front doors will now remain locked at all times.

Employees will access the building using their employee badge. All visitors must be granted access by a building employee.

2.0 System Management Data Backup Storage

Backups enable the rapid recovery of the ALMR System in the event of a disaster, either man-made or natural. Established controls and procedures minimize the impact to System users and ensure an expeditious return to operations. Backup tapes must be stored and protected in a manner which minimizes the risk of loss, damage, or destruction.

Policy: All backup media will be clearly labeled to ensure the media content can be quickly recognized. Back-up copies (or the original media) of the operating system and other critical software shall be stored in a fire-rated container and not located on site with the operational software. This material will be stored within a secure area that is restricted to authorized individuals only. Additionally, all backup media created from daily/weekly backup procedures will be stored in an offsite location.

All backup media for the South Zone Controller is stored at 5700 E. Tudor Road (Department of Public Safety building) in Anchorage and for the North Zone Controller at 911 E. Cushman Road (Fairbanks Police Department building) in Fairbanks.

Backup data storage facility audits began in February 2008. The OMO conducts unannounced, random monthly audits of the tape storage facility.

Results of the monthly audits are as follows:

- **Date of Audit:** January 14, 2009
Location: 5700 E. Tudor Road
Findings: None noted. No issues were raised with access to the building; access card worked and both the AST exterior door and the room door were secure. The safe was in an acceptable place and locked. The backup tape was present and annotated on the log. The conference room was in use, so that door was not checked.
Corrective Action: None.
- **Date of Audit:** January 21, 2009
Location: 5700 E. Tudor Road
Findings: None noted. No issues were raised with access to the building; access card worked and both the AST exterior door and the room door were secure. The safe was in an acceptable place and locked. The backup tape was

present and annotated on the log. The door to the conference room was unsecured.

Corrective Action: None.

- **Date of Audit:** February 18, 2009

Location: 5700 E. Tudor Road

Findings: None noted. No issues were raised with access to the building; access card worked and both the AST exterior door and the room door were secure. The safe was in an acceptable place and locked. The backup tape was present and annotated on the log. The door to the conference room was unsecured.

Corrective Action: None

- **Date of Audit:** March 27, 2009

Location: 5700 E. Tudor Road

Findings: None. No issues were raised with access to the building; access card worked and both the AST exterior door and the room door were secure. The safe was in an acceptable place and locked. The backup tape was present and annotated on the log. The door to the conference room was secured.

Corrective Action: None.

- **Date of Audit:** April 15, 2009

Location: 5700 E. Tudor Road

Findings: None. No issues were raised with access to the building; access card worked and both the AST exterior door and the room door were secure. The safe was in an acceptable place and locked. The backup tape was present and annotated on the log. The door to the conference room was secured.

Corrective Action: None.

- **Date of Audit:** May 20, 2009

Location: 5700 E. Tudor Road

Findings: None. No issues were raised with access to the building; access card worked and both the AST exterior door and the room door were secure. The safe was in an acceptable place and locked. The backup tape was present and annotated on the log. The door to the conference room was not secured.

Corrective Action: None.

- **Date of Audit:** July 17, 2009

Location: 5700 E. Tudor Road

Findings: None. No issues were raised with access to the building; access card worked and both the AST exterior door and the room door were secure. The safe was in an acceptable place and locked. The backup tape was present and annotated on the log. The door to the conference room was secured.

Corrective Action: None.

- **Date of Audit:** August 19, 2009
Location: 5700 E. Tudor Road
Findings: None. No issues were raised with access to the building; access card worked and both the AST exterior door and the room door were secure. The safe was in an acceptable place and locked. The backup tape was present and annotated on the log. The door to the conference room was secured.
Corrective Action: None.

- **Date of Audit:** September 16, 2009
Location: 5700 E. Tudor Road
Findings: No issues were raised with access to the building; access card worked and both the AST exterior door and the room door were secure. The safe was in an acceptable place and locked. The backup tape was present and annotated on the log. The door to the conference room was secured.
Corrective Action: None.

- **Date of Audit:** October 29, 2009
Location: 5700 E. Tudor Road
Findings: No issues were raised with access to the building; access card worked and both the AST exterior door and the room door were secure. The safe was in an acceptable place and locked. The backup tape was present and annotated on the log. The door to the conference room was secured.
Corrective Action: None

- **Date of Audit:** November 18, 2009
Location: 5700 E. Tudor Road
Findings: No issues were raised with access to the building; access card worked and both the AST exterior door and the room door were secure. The safe was in an acceptable place and locked. The backup tape was present and annotated on the log. The door to the conference room was unsecured.
Corrective Action: None

- **Date of Audit:** December 17, 2009
Location: 5700 E. Tudor Road
Findings: No issues were raised with access to the building; access card worked and both the AST exterior door and the room door were secure. The safe was in an acceptable place and locked. The backup tape was present and annotated on the log. The door to the conference room was unsecured.
Corrective Action: None

3.0 System Log In Report

To ensure the System Management Office observes and reports on the established control for the Department of Defense Information Assurance Certification and Accreditation Process (DIACAP) Authority to Operate, the OMO performs unannounced, random monthly audit inspections of the System Log In Report throughout the calendar year.

System administrator and console operator passwords were initially assigned beginning January 2008 and System Login Audits began in February 2008. Each user is permitted to attempt to log in three times prior to being locked out of the System. System user passwords are changed, at a minimum, every 90 days.

- **Date of Audit:** January 20, 2009
Findings: There were five instances of three failed login attempts during the period of January 12, 2009 – January 19, 2009.
Corrective Action: None; all five instances were determined to be user error.
- **Date of Audit:** February 9, 2009
Findings: There were no instances of three failed login attempts during the period of February 02, 2009 – February 08, 2009.
Corrective Action: None.
- **Date of Audit:** March 24, 2009
Findings: There were 92 instances of 3 failed login attempts during the period of March 16, 2009 – March 22, 2009.
Corrective Action: Eighty eight of these occurrences were caused by an automated process that was configured incorrectly. A support ticket was opened to resolve this issue. The remaining four occurrences were determined to be user error.
- **Date of Audit:** April 20, 2009
Findings: There were no instances of three failed login attempts during the period of April 13, 2009 – April 19, 2009.
Corrective Action: None.
- **Date of Audit:** May 19, 2009
Findings: There were no instances of three failed login attempts during the period of May 10, 2009 – May 17, 2009.
Corrective Action: None.

- **Date of Audit:** June 17, 2009
Findings: There were no instances of three failed login attempts during the period of June 9, 2009 – June 16, 2009.
Corrective Action: None.

NOTE: There was no audit conducted in July 2009 due to the deployment of personnel with the Transportable Area South (TAS) to Eielson AFB.

- **Date of Audit:** August 13, 2009
Findings: There were no instances of three failed login attempts during the period of August 5, 2009 – August 12, 2009.
Corrective Action: None.
- **Date of Audit:** September 24, 2009
Findings: There were two instances of three failed login attempts during the period of September 9, 2009 – September 23, 2009.
Corrective Action: None; they were determined to be user error
- **Date of Audit:** October 29, 2009
Findings: There was one instance of three failed login attempts during the period of October 15, 2009 – October 22, 2009.
Corrective Action: None; it was determined as user error
- **Date of Audit:** November 18, 2009
Findings: There were no instances of three failed login attempts during the period of November 9, 2009 – November 16, 2009.
Corrective Action: None.
- **Date of Audit:** December 21, 2009
Findings: There were no instances of three failed login attempts during the period of December 7, 2009 – December 14, 2009.
Corrective Action: None.

4.0 Conclusion

Based on the findings in each of the three audit areas and corrective actions taken, the OMO determines that SOA ETS is following the established physical security requirements to an extent adequate to prevent any potentially harm to ALMR persons or property located at 5900 E. Tudor Road. Additionally, the OMO determines both the



*Operations Management Office
Annual Information Assurance Audit*

SMO and the Security Manager are following the established methods/ measures of DIACAP administration and control for certain tasks required under the Information Assurance Program. The OMO determinations apply to calendar year 2009 only.



Alaska Land Mobile Radio Communications System

User Council 2009 Annual Assessment on System Operations and Management Performance

March 3, 2010

1.0 Introduction

Per the Alaska Land Mobile Radio (ALMR) Communications System Cooperative Agreement, Article 8 - User Council, Section 16.2, Performance Monitoring.

The User Council will monitor and evaluate the performance of the System, including the efficiency and effectiveness of its operation and management, as well as the performance of contracts and user agreements. The User Council will report to the Executive Council their assessment of the operational health of the System annually, or as requested by the Executive Council.

This report provides a high-level overview of ALMR System performance monitoring by the UC and their oversight of the day-to-day Operations and System Management functions.

2.0 Membership

At the beginning of 2009, there were 76 agencies operating on ALMR. At the end of the year, there were 98 agencies with approved Membership Agreements on the System utilizing over 13,551 subscriber units.

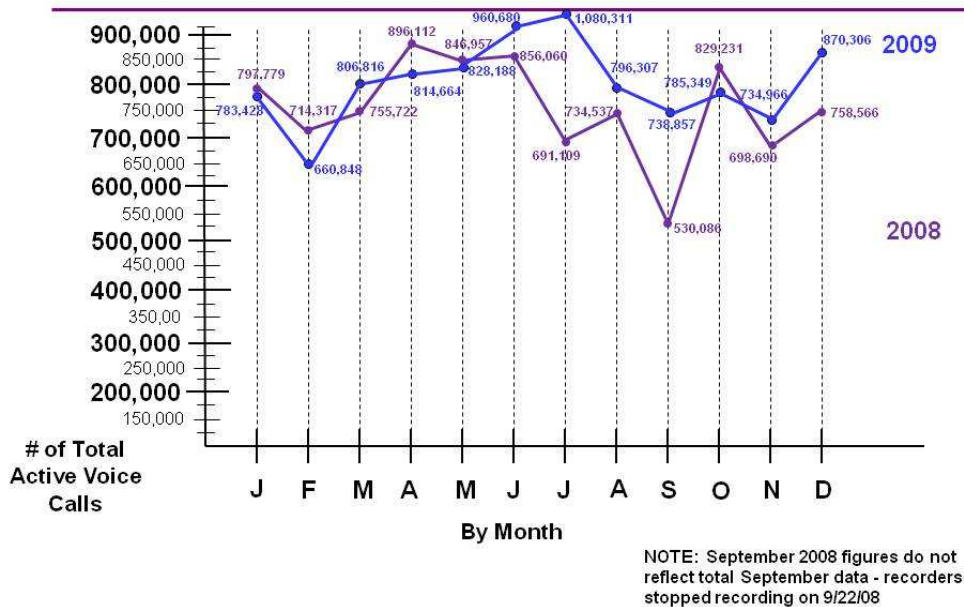
3.0 Metrics

The User Council (UC) is responsible for monitoring System performance and tracking various parameters including busies and voice calls per month in order to note any trends which may indicate System deficiencies. To accomplish this, they employ the Operations Management Office (OMO) to provide periodic reports. The OMO presents metrics at the monthly UC meeting.

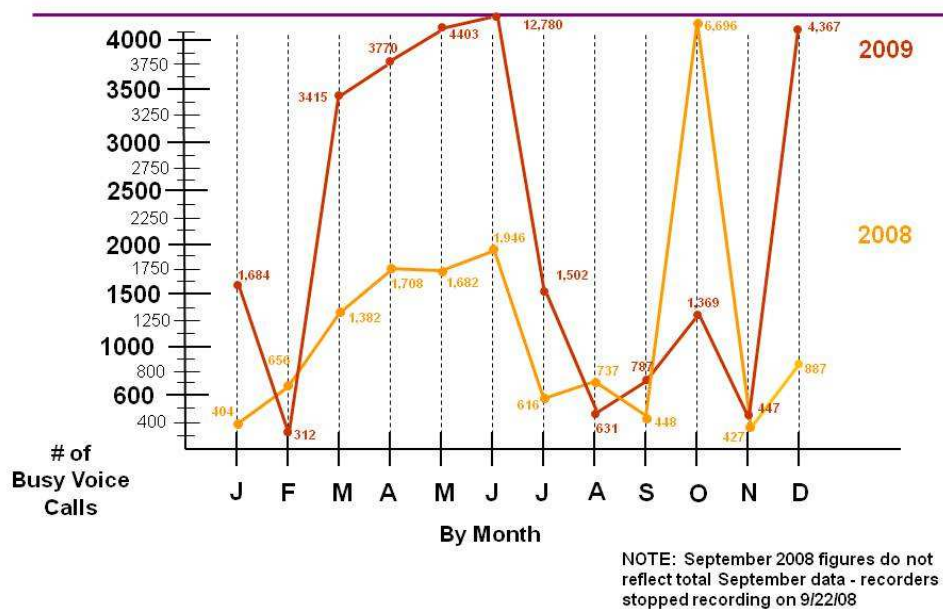
The UC has also established a baseline to identify day-to-day and emergency operations standards with respect to System busies by site for both percentage and duration. Although individual sites may occasionally exceed these standards, overall System performance is still well below the standard. The UC requested that the OMO continue to provide monthly statistics to determine whether those sites exceeding the standards were experiencing excessive traffic due to specific events/exercises/seasonal increases, or whether there was insufficient channel capacity in the original site design. This data is still being examined by the UC for long-term trend analysis.

The following charts examine total numbers of System voice calls and busies per month. In order to identify any overall System trends, a comparison of the current year (2009) data was made to the previous year (2008).

System Performance - Voice



System Performance - Busies



4.0 De-confliction

At build out, many sites had de-confliction issues due to the fact that the State of Alaska (SOA) was still operating their conventional frequencies. This meant some of the channels for ALMR could not be turned on.

SOA continued to work diligently to correct frequency confictions during the past year. Conflicted channels at the following sites/agencies were corrected in 2009.

Alcantra – Point MacKenzie Correctional Center
Anchorage International Airport
Pole Hill
Site Summit

Conflicts remain at Fire Station 12 (Channel 12), Pillar Mountain, and Pole Hill.

5.0 Build out

The ALMR System was originally designed to support 105 sites. Equipment ownership at the sites is broken down as follows: US Army Alaska – 45; Elmendorf – 1; Eielson – 3; Clear – 1; MOA – 15; and SOA – 40. There are currently 85 operational sites. All Department of Defense sites are complete; the State of Alaska continues to work to complete their site build out.

- There were no DOD/SOA sites completed in 2009
- Sites previously scheduled for 2009, now to be completed in 2010
 - High Mountain
 - Haines (Ketchikan)

6.0 System Coverage Issues

ALMR was built to provide coverage along the main roadway system.

During 2009, coverage issues were reported within the ALMR area which affected day-to-day operations of some of the agencies operating on the System. These issues were researched by the OMO and follow-up actions were initiated.

- Palmer/Wasilla
On 3 September 2009, the OMO Subject Matter Expert and Technical Advisor travel to Wasilla in two separate vehicles to try to recreate radio coverage issues experience by the Wasilla Police Department officers.

Coverage checks were made with Motorola XTS-5000 portable radios transmitting from inside the vehicle. No external antennas were used for the radio checks. The two vehicles separated and traveled the streets and roads in the Wasilla area. The transmissions were monitored in the vehicles and at the OMO Office. There were three areas where coverage issues (digitized audio or no coverage) were experienced.

They were:

- Fairview Loop Road
- Knik Goose Bay Road – South of mile 9
- Areas on Beverly Lake Road

The sites affiliated to were:

- Alcantra
- Cottonwood
- Bailey Hill
- Site Summit
- Rabbit Creek

Overall, coverage checks found that there were limited areas where coverage issues were experienced given that the checks were made with portable radios as opposed to mobile radios used by Wasilla officers. One item that did come to our attention was that the Cottonwood site was not affiliated to as much as should have been given that it is directly in the middle of Wasilla and should be most preferred 90% of the time.

Results of our findings were passed on the System Management Office.

- North Pole
ALMR was designed to provide 95 percent mobile radio coverage on the road system. DOD and SOA built out and implemented sites to provide the coverage required in the design criteria. At the time of the System design, it was determined that a site was not required in the North Pole area as the coverage met the design requirements for mobiles.

A System design/System Analysis was completed at the request of Fairbanks North Star Borough and local public safety agencies regarding the potential for an additional site. The System Design & Implementation Document was published in March 2008. Funding options for North Pole are still being explored.

7.0 On-going Projects

Since declaration of sustained Operations & Maintenance (O&M), the need for certain System modifications/updates was noted. Some of these modifications were requested by agencies on the System, some were in response to the need for increased coverage/capacity, and some were required to comply with deficiencies noted during the Department of Defense Information Assurance and Accreditation Process (DIACAP). The following list summarizes those modifications/updates for 2009.

- **Delta Junction**

Delta area agencies had advised the OMO in 2008 that ALMR coverage is not satisfactory. The OMO requested Motorola determine if coverage in the area has been detrimentally affected by the relocation of the former Donnelly Dome site to Ft. Greely and/or the addition of a cellular antenna array to the Ft. Greely tower subsequent to the relocation has affected coverage.

Motorola performed a thorough preventative maintenance inspection of the ALMR transmission/receiver equipment and a sweep of all lines/antennas in order to determine if all equipment was operating correctly. The results of the inspection found that all equipment was in fact working within specifications. Motorola conducted further field analysis utilizing special equipment that provided the ability for our System Technologists to collect coverage data over the air from the Ft. Greely site. This information was reviewed with internal Motorola engineering against the original site design and predicted coverage maps. It was determined that the area in question does have adequate mobile radio coverage.

AT&T installed cellular antennas and cabling to the tower since the original installation of the ALMR equipment. Motorola determined there is a strong possibility that the Ft. Greely tower cellular antennas, and additional lines, are causing an RF shading/obstruction condition to occur in the direction of Delta Junction. Motorola believes an interference condition does exist in the area and is causing the radio behaviors observed and the over the air signal levels documented. The source of this interference is a combination of tower obstruction/shading, land clutter (foliage), multi-path, and potentially outside RF interference.

USARAK advised the User Council at the Annual Training Conference (Sep 22 & 23) that they would work with AT&T and the System Management Office to isolate the antenna on the tower in order to determine if the modifications by AT&T were causing degradation.

- MotoBridge®
As of December 31, 2009, equipment installation has been completed at 33 of the 36 sites. The remaining 3 are awaiting tower work. Additional tower solutions are being investigated. Twenty-eight of the 36 sites have connectivity back to the main server. Connectivity for the remaining sites will be complete by the end of the first quarter of 2010. All MOU's have been completed. Training has been completed at 10 of the 36 locations. Training and total project completion is scheduled for May 2010.
- Birch Hill Fire Suppression/ Humidity Control
To comply with Information Assurance requirements, an automated humidification/dehumidification capability that keeps the humidity in the zone controller room within manufacturer specifications must be present. The design of this system began in 2008 and continued with the installation of the equipment in January 2009. An additional building was constructed to accommodate the humidity control system. This equipment has been relocated into the new addition. The power requirements have not changed, and the transformers have not been upgraded. At this time, it is unknown when the power upgrade will be completed.
- Site Summit capacity
The SOA had licensed three additional channels which were approved by the FCC (March 16, 2009). The Department of Defense purchased the additional required equipment to increase the site capacity. The State of Alaska reallocated the Atwood Channel 4 frequency to Site Summit. Other frequencies were moved from Ted Stevens Anchorage International Airport for Channels 8 and 9. SOA ETS has not submitted the proper System Change Request paperwork regarding this move.

8.0 Contractor Performance

The UC is responsible for reviewing and approving the OMO auditing and control policies and procedures to provide accountability, compliance, monitoring and performance assessment of the System. In order to comply with this requirement, the OMO must develop critical System operational documents (policies, procedures, plans, processes, and protocols), which address all areas regarding management, security, protection, and physical safety of the System, including its personnel and all assets.

The OMO provides guidance and oversight to the SMO who has inherent responsibilities for the same areas. Some critical plan documents previously existed that were written during the Project Phase. These were based on what the System was perceived to be at that time. Those documents were revised to reflect the actual

System as implemented; additional documents were written to encompass operational areas not in existence at that time. The current status for 2009 is:

- 31 Reviewed/rewritten
- 26 Approved by the UC

9.0 Periodic Maintenance Inspections (PMIs)

The OMO provides Quality Assurance oversight of PMIs conducted on ALMR sites on behalf of the UC. This process ensures the sites are maintained to a standard in accordance with the Service Level Agreement (SLA) and identifies discrepancies that could affect site performance. Per the OMO Performance Based Work Statement, 25% of the total infrastructure sites will be inspected annually and 100% will be inspected within a four year period. The SMO, in coordination with SOA, provides the OMO with the annual PMI inspection schedule. A total of 30 of the 80 operational DOD/SOA sites were inspected in 2009.

10.0 System Enhancements

Tudor Road Network Management Terminal upgrades:

- Genesis Air Traffic Interface Application (ATIA)
Provides in-depth reporting capability for individual agency/user air time usage

Transportable Communications System upgrades:

- SkyTerra
Provides the technology necessary to deploy and operate a satellite/terrestrial hybrid network which supports reliable wireless voice, two-way radio and data communications solution for remote locations, which otherwise lack terrestrial coverage. It also provides extended emergency coverage when manmade or natural disasters strike.
- Rapid Deployable System Shelter (RDS)
Provides a fast, easy, durable, and versatile shelter structure for first responder command posts, operations centers, or other remote operations
- Satellite Internet
Provides commercial internet capabilities which are non-dependent on local providers; extends capabilities to remote deployable locations.
- Point-to-Point Broadband (two additional T1s)
T1 provides console/site/MotoBridge®/phone connectivity; provides increased flexibility of configurations and extends range of network

11.0 Supported Events

Many venues exist that allow the UC to further interoperability throughout the State, as well as, keeping up to date on current national standards. The UC utilizes the OMO staff to contact member agencies, prospective member agencies, legislators, media, and other interested groups to disseminate information about ALMR.

- Exercises/Transportable Deployments
 - OEC Cross-Border Conference
 - Kulis Exercise
 - Communications Exercise (COMMEX) 09 TAS/TAN Eielson Deployment
 - ALCOM Continuity of Operations (COOP) Exercise
- Outreach
 - Alaska Municipal League Conference
 - First OEC Interoperability Conference
 - International Wireless Communications Expo
 - APCO Conference
 - Tactical Interoperable Communications Plan Updates (Wasilla, Soldotna, Fairbanks, Anchorage)
 - Insider newsletter – produced quarterly
- Training
 - Annual User Council Training Conference
 - Department of Corrections - Johnson Youth Center, Juneau
 - Federal Emergency Management Agency - Region Ten, Alaska District
 - MatSu Borough
 - Pioneer Home
 - Rescue Coordination Center/Regional Air Operations Center
 - Alaskan Command (Materials in November / December)
 - Alaska State Troopers (Materials)

12.0 Finance/Budget

In accordance with the Cooperative Agreement, the UC will establish a budget process and each year develop a proposed budget for the next federal fiscal year to meet the operating, maintenance and capital replacement needs of the System and shall submit the proposed next year's budget to the Executive Council. All proposed expenditures and activities of the System, as well as all agency and funding of the System, shall be reflected in the proposed budget. The UC approved draft FY2010 Operating Budget was presented to the EC on August 21, 2008. Ultimately, the FY2010 Operating Budget document was tabled and the decision was made that the Department of Defense and

the State of Alaska would split the cost. However, the total recommended funding available was less than the proposed 2010 operating budget. Therefore, some of the services previously available from the Operations Management Office were reduced in scope and will be readdressed in the FY2011 budget proposal.

13.0 Other Issues

Not all areas requiring oversight were previously identified in this report. Additional areas not covered, but currently being monitored:

- **Outstanding Maintenance**
Discrepancies noted during PMI QA evaluations are noted and photos are taken of the area of non-compliance. After completion of the PMI, the OMO generates a report of the findings and tracks discrepancies to completion. Delays in addressing R56 grounding at sites continue to be a major concern; some being over five years old. Outstanding maintenance issues are briefed at the monthly UC meeting.
- **Connectivity**
State of Alaska Telecommunications System (SATS) connectivity continues to be an on-going issue for some of the ALMR sites. The SOA is continuing to work on long-term solutions to address these issues. SOA issues are briefed at the monthly UC meeting.
- **Coverage**
Expansion of coverage continues in South East Alaska. With the addition of the Haines and High Mountain (Ketchikan) sites, State and local agencies in these areas will now have access to ALMR.

14.0 Conclusion

This report addresses the status of various issues regarding the operation and management of the ALMR System and any outstanding items noted during the year.

The efficiency and effectiveness of the OMO and SMO in performance of their contract functions meet the expectations of the User Council.

Areas of concern that continue to be tracked by the OMO include funding for FY11 and FY12, a consolidated Cost Share Agreement leading up to approval and implementation of the Operating Budget, and the award of a contract by SOA to address outstanding maintenance discrepancies dating back as far as 2005, as well as those noted during the annual site PMIs.



Access to the Alaska Land Mobile Radio (ALMR) Communications System provided through this Membership Agreement, and any amendment(s) thereto, is conditioned upon the approval of the terms and conditions of access as outlined in (the) ALMR Communications System Cooperative Agreement and approval by the Executive Council.

This Membership Agreement is entered into by and between (the Member aka User) **(insert agency name here)**, whose address is **(insert agency address here)**, and the Alaska Land Mobile Radio (ALMR) Executive Council, whose designated representative is the ALMR Operations Management Office, 5900 E. Tudor Road, Anchorage, AK 99507-1245.

I. PURPOSE

ALMR is a multi-site dedicated public safety wireless communications system providing all-weather mobile coverage to its member **agencies**. Member **agency** benefits and services include, but are not limited to, a Project 25 compliant system, multiple system redundancies with backup power, a wide range of talkgroups, auto affiliation and de-affiliation, electronic identification on all transmissions, microwave system connectivity, encryption availability, emergency alert availability, private calling availability, system security, radio interoperability, system management, assistance to User agencies for radio code plug development and subscriber unit familiarization, operations management support including, but not limited to those products and services listed in the Operations Management Office (OMO) and System Management Office (SMO) Customer Support Plans.

Every effort will be made to keep the ALMR System operational 24/7. However, both the member **agency** and ALMR acknowledge that there may be situations where planned and unplanned System outages may occur. ALMR will make every effort to avoid service disruptions, will promptly notify member **agencies** of disruptions, and will make every effort to respond and restore interrupted service in a timely manner. However, acknowledging that service disruptions are likely, ALMR System infrastructure owners will not be liable for any resulting impact from such disruptions.

II. DEFINITIONS

- A. Abuse of User Privileges:** repeated violation of System guidelines, procedures, protocols, or violation of the Membership Agreement may result in termination of the Membership Agreement subject to the review and direction of the Executive Council. A decision by the Executive Council is final and non-appealable.
- B. Alaska Land Mobile Radio (ALMR) Communications System:** the ALMR Communications System, which uses but is separate from the State of Alaska Telecommunications System (SATS), as established in the Cooperative Agreement. The ALMR System is a digital, trunked, wide-area network (WAN), shared system between the Department of Defense (DOD), the Federal Executive Association (FEA) of Alaska (excluding DOD), the State of Alaska (SOA), the Alaska Municipal League, and the Municipality of Anchorage.
- C. Alaska Municipal League:** a voluntary non-profit organization in Alaska that represents member local governments.
- D. AST – Alaska State Troopers.**
- E. Cooperative Agreement:** the instrument that establishes ALMR and sets out the terms and conditions by which the system will be governed, managed, operated and modified by the Parties signing the Agreement.
- F. Department of Administration (DOA):** a State of Alaska (SOA) department that maintains the SOA Telecommunication System (SATS) and provides information technology (IT) and communications technical support to state agencies.
- G. Department of Defense – Alaska:** Alaskan Command, US Air Force and US Army component services operating under United States Pacific Command.



- H. Emergency Alarm** – a Project 25 feature, when enabled, allows a Member to transmit an emergency alarm to **their** dispatch center.
- I. Executive Council:** the ALMR Executive Council which is made up of members and associate members from the State of Alaska representing state agencies, the Alaska Municipal League, the Federal Executive Association of Alaska, the Department of Defense – Alaska, and the Municipality of Anchorage.
- J. Federal Executive Association (FEA):** **the organization that represents** federal government entities, agencies and organizations, other than the Department of Defense, that will operate on the shared ALMR system infrastructure.
- K. Gateway** - a device that allows a disparate radio to communicate real time, overcoming spectrum, formatting, and other technical challenges. ALMR utilizes MotoBridge™ gateways.
- L. Information Assurance (IA):** **protects** and **defends** information and information systems by ensuring their availability, integrity, authentication, confidentiality, and non-repudiation. This includes providing for restoration of information systems by incorporating protection, detection, and reaction capabilities.
- M. Membership Agreement:** the agreement entered into between the ALMR Operations Management Office, as the designated agent for the Executive Council, and **a** user agency, which sets forth **the** terms and conditions under which the System provides services to **a** user agency and the user agency's responsibilities while operating the System.
- N. Municipality of Anchorage (MOA):** The MOA covers 1,951 square miles with a population of approximately 278,000. The MOA stretches from Portage, at the southern border, to the Knik River at the northern border, and encompasses the communities of Girdwood, Indian, Anchorage, Eagle River, Chugiak/Birchwood, and the native village of Eklutna.
- O. Non-Proprietary Talkgroup** – a talkgroup assigned **during** a multi-agency operation, such as a central dispatch. A non-proprietary talkgroup is not member-exclusive and is cooperatively shared by participating Members.
- P. Operations Manager:** the Operations Manager represents the User Council interests and makes decisions on issues related to the day-to-day operation of the **System** and any urgent or emergency **System** operational or repair decisions. In coordination with the User Council, the Operations Manager establishes policies, procedures, contracts, organizations, and agreements that provide the service levels as defined in the Service Level Agreement.
- Q. Operations Management Office (OMO):** develops recommendations for policies, procedures, and guidelines; identifies technologies and standards; and coordinates intergovernmental resources to facilitate communications interoperability with emphasis on improving public safety and emergency response communications.
- R. Party/Parties:** one or more Parties who have signed the Agreement (**Cooperative Agreement**). The Parties to the agreement are: Department of Defense - Alaska, the Federal Executive Association of Alaska, **and** the State of Alaska Department of Administration's commissioner or commissioner's designee, respectively or collectively.
- S. P25 Standards:** the P25 suite of standards involves digital Land Mobile Radio (LMR) services for local, state and national (federal) public safety organizations and agencies. P25 is applicable to land mobile radio (LMR) equipment authorized or licensed, in the U.S., under the National Telecommunications and Information Administration (NTIA) or Federal Communications Commission (FCC) rules and regulations.
- T. Partitioned System Management** – the responsibility residing in an agency as the ALMR system manager/operator on behalf of that entity alone to perform systems management as defined in separate memorandums of agreement.
- U. Proprietary Talkgroup** – an exclusive talkgroup assigned to **a single, specific agency**.
- V. Radio** – either a Project 25 compliant control station, consolette, mobile or portable radio, which has a unique identification number and is assigned to the ALMR.
- W. Radio Programming** – fleetmapping, template programming and reprogramming, and assignment of talkgroups within ALMR.



- X. State of Alaska (SOA):** the primary maintainer of the SATS (the State's microwave system), and shared owner of the System.
- Y. State of Alaska Telecommunications Systems (SATS):** The State of Alaska statewide telecommunications system microwave network.
- Z. Super System Management** – the responsibility residing with the Operations Manager/System Manager on behalf of all ALMR members that include, but are not limited to:
 - 1. Assign radio use priorities;
 - 2. Assign radio identification numbers;
 - 3. Manage talkgroups to assure appropriate use of ALMR;
 - 4. Set standards for the selection and supervision of ALMR personnel;
 - 5. Enforce guidelines, procedures, and protocols governing the operation of radios on ALMR;
 - 6. Generate and use statistical data and reports concerning member **agency** talkgroups, call duration, call types, busy signals, and other data analyses and reports; and
 - 7. Enforce termination of the Membership Agreement when a member **agency's** conduct or action(s) cause systemic and/or continuous ALMR operation problems.
- AA. System Management Office:** the team of specialists responsible for management of operations of the System.
- BB. Talk group:** a unique group of radio Users that can communicate with each other. (NOTE: Talkgroups differ from regular and conventional radio channels in **which** they are not restricted to a certain radio frequency and may use up to 21 separate frequencies that are assigned by a controller on a control channel.)
- CC. Template** – the software programmed in a radio which controls the radio functions and communication capabilities.
- DD. User/Member:** an agency, person, group, organization or other entity which has an existing written Membership Agreement, with one of the Parties to the Cooperative Agreement, to operate on ALMR. The terms user and member are synonymous and interchangeable.
- EE. User Council:** the User Council is responsible for recommending all operational and maintenance decisions affecting the System. Under the direction and supervision of the Executive Council, the User Council has the responsibility for management oversight and operation of the System. The User Council oversees the development of System operations plans, procedures and policies under the direction and guidance of the Executive Council.

III. ALMR COMMUNICATIONS SERVICES

Services provided are listed in the Operations Management Office and System Management Office Customer Support Plans at <http://www.alaskalandmobileradio.org>.

IV. GENERAL PROVISIONS

- A. ALMR Mobile Radio Coverage** – ALMR provides mobile radio communication coverage to the Member subject to the Member's compliance with recommended optimal performance standards for equipment, antenna installation, and maintenance. If the member **agency** detects possible ALMR network infrastructure malfunctions or radio communication coverage loss, the Member should first contact its equipment service or maintenance provider for an evaluation of the problem. If the service provider determines the problem is not an equipment installation or maintenance problem, the Member should promptly notify the Help Desk. The Help Desk will promptly investigate and take appropriate corrective action to alleviate the coverage loss or network infrastructure malfunction, and report the corrective action to the member **agency**. Coverage is not guaranteed and will vary from location to location. The member **agency** is encouraged to conduct its own radio communications coverage test to determine the expected coverage level in its geographic jurisdiction.
- B. Private Calling Availability** – an agency may choose to avail itself of Private Calling. Private calling permits properly programmed mobile and portable radios in a talkgroup to enter into one-



on-one conversations. Only the initiating and target radio(s) are able to communicate with each other. Private calling can tie-up ALMR System resources. Consequently, a determination of the need and potential impact on the system will be made by the System Management Office when such a request is received from member [agencies](#).

- C. Electronic and Infrastructure Maintenance** - ALMR provides complete monitoring, inspection, and maintenance programs for all ALMR radio sites and system infrastructure in operation at those sites regardless of infrastructure ownership through contracts and memorandums of agreement. ALMR staff and its certified vendors and partners provide proactive system repair and maintenance, extending the life and performance of ALMR for the direct benefit of all Members.
- D. System Redundancy and Security** - ALMR provides a system redundancy called fault tolerance. With fault tolerance, a single point of failure will generally not result in negative system wide performance. Many redundant and backup systems within ALMR are designed to eliminate complete system failure. Several levels of survivability are available. In the case of a catastrophic event, the rest of the System will continue to function in a site-trunking communication manner.
- E. Performance Standards and Monitoring** – ALMR utilizes automated performance standards and automated diagnostics, which are monitored 24 hours a day, every day. System management is maintained at the System Management Office and zone controllers on a daily basis. ALMR staff adhere to stringent quality standards of installation and maintenance through scheduled automated testing of all sites, monitoring of Member satisfaction on a regular basis, tracking of Member problems and service requests, monitoring of scheduled and unscheduled system downtime, oversight of system traffic performance, drive testing within system, collection and analysis of empirical data, and planned system upgrades and enhancements.
- F. Upgrades and Enhancements** – upgrades are changes made to ALMR infrastructure to assure compliance or to improve upon previously existing features and operations of ALMR. Some upgrades may be provided to all member [agencies](#) at no additional charge. Enhancements are modifications made to ALMR services or systems that add functions or features not originally part of ALMR or the services requested by the member [agencies](#). Such enhancements made to the infrastructure may also require an upgrade or replacement of user subscriber assets. To access such enhancements and features, it is solely the responsibility of the user to upgrade their subscriber assets. Enhancements may necessitate an adjustment in all member [agencies](#) fees.
- G. Gateway Use** - Use of gateway(s) is available to all ALMR members on the system. Specific protocols, policies, procedures and talkgroup agreements for agencies are required and can be developed and coordinated through the Operations Management and System Management Offices.
- H. Information Assurance** – as provided through the Department of Defense Information Assurance Certification and Accreditation Process.
- I. OMO Standards Measurement and Trends** – as provided by the Operations Management Office Customer Support Plan and the Service Level Agreement.
- J. Quality Assurance Evaluation** – quality assurance evaluations as evaluated against the standards in the contract statement of work.
- K. Service Level Agreement** – outlines the operations and maintenance services as required by the User Council membership for the sustainment and operations of the ALMR infrastructure. The performance metrics contained in the SLA describes the maintenance standards for the ALMR system infrastructure. ALMR cost share services are also outlined in the SLA.

V. MEMBERSHIP OBLIGATIONS

- A. Activation and Member Fees** – Any fees/charges are determined by the Parties to the Cooperative Agreement and provided to the Operations Management Office for inclusion in the Membership Agreement. **Agencies operating on the System are responsible for requesting sufficient funds in advance to cover the annual cost of operating on ALMR based on cost share.** The member [agency](#) will pay **(insert agency cost share and applicable FY here).**



The cost share was determined by the cooperative partners, and will be reviewed on an annual basis, but not later than 30 June of each year. The Parties to the Cooperative Agreement will be responsible for all actions concerning billing, collection, and accounting for fees/charges billed to member **agencies under their area of responsibility.**

- B. Funding Obligation** – As outlined in the Cooperative Agreement, Article 9, Funding and Expenditures, agencies will make every effort to obtain appropriations annually to fund their responsible cost share as defined in paragraph A above.
- C. Member Radio Equipment** – Member **agencies** may only use ALMR-approved radio equipment. Member **agencies** are responsible for acquiring their own equipment. A list of acceptable radio equipment is available on the ALMR website or from the System Management Office. This list will be updated from time to time.
- D. Radio Maintenance and Repair** – Member **agencies** is responsible for proper maintenance and repair of its radio subscriber equipment. This assures that the member **agency's** radios are in optimal operating order and will not have an adverse impact on other Members' use of ALMR.
- E. No Personal Business** – No personal business may be conducted on ALMR by the Member, its employees, or authorized agents, including volunteers and the member **agency's** service provider.
- F. Compliance with Federal, State and Local Laws** – Member **agencies** will comply with all current and future Federal, State and local laws, rules, and regulations, as they relate to consolidated public safety dispatching.
- G. Compliance with Guidelines, Procedures, and Protocols** – The member **agency** will comply with all guidelines, policies, procedures, and protocols governing the operation and use of the ALMR System as established by the User Council, approved by the Executive Council, and enacted by the Operations Management or System Management Offices. Member **agencies** will comply with all directives of the Executive Council, including but not limited to those listed in this Membership Agreement. Copies of policies and procedures are available to the member **agencies** through the Operations Management Office or at <http://www.alaskalandmobileradio.org>.
- H. Member POC** - The Member will identify a central point of contact (POC) to serve as its liaison to the ALMR System Management Office. The POC will be responsible for authorization of template modifications, coordination of new radios onto ALMR, providing fleetmapping data for record keeping purposes, providing after hour emergency telephone numbers, and attending meetings necessary for the safe and efficient operation of ALMR.
- I. Security** - All management console or dispatch console operators shall complete the required ALMR IA Training prior to obtaining ALMR System user credentials. All System users shall comply with the ALMR IA Policies. No agency shall allow the connection of unauthorized components to the system or to any port on the system. Agencies shall ensure no non-standard, unapproved applications are loaded on ALMR computers, servers, or routers. Agencies shall ensure no unauthorized personnel are allowed access to system management components (e.g. management consoles). Agencies shall ensure encryption is used whenever appropriate. Agencies shall comply will all Information Assurance controls, policies, procedures, and processes.
- J. Corrective Action** – In order to protect the integrity, security, safety, and efficient operation of ALMR for all its member **agencies**, member **agencies** will take appropriate corrective action against any of its employees who violate ALMR guidelines, procedures, or protocols including those set out in this Membership Agreement.
- K. System Management** – Member **agencies** will comply with System Management direction in order to assure the safe and efficient operation of ALMR for all Members.
- L. Trained Personnel** - Member **agencies** will not permit any employee or other personnel, including volunteers, to use ALMR until such individual(s) have received radio user training.

VI. DISPUTE RESOLUTION



If any issue of ALMR non-performance arises under this [Membership Agreement](#), the parties [to the Cooperative Agreement](#) agree to resolve the issue at the lowest management level of each party. In the event the issue remains unresolved, the parties agree to immediately escalate the issue to upper-level management for their consideration. They will consider the details of the nonperformance issue, assess whether there have been past issues of non-performance, determine how long the non-performance has been continuing, determine the seriousness of the non-performance, and negotiate, in good faith, a mutually agreeable solution. In the event all parties cannot agree on a solution, the non-performance issue shall be directed to the Executive Council who will consult with and seek advice from the User Council on resolution of the non-performance issue. A decision by the Executive Council is final and non-appealable.

VII. GOVERNANCE

- A. Executive Council** - The Executive Council provides direction for the administration and operation of ALMR. The Executive Council is charged with responsibility to review and approve recommendations regarding future ALMR System features and enhancements, review and advise on customer service complaints, non-performance issues and potential member [agency](#) termination because of abuse of [user](#) privileges. The Executive Council takes advice from the User Council and other committees, working groups, and advisory panels set up by the Executive Council to assist them in making determinations on policy and direction.
- B. User Council** – The User Council establishes policies and procedures regarding the operation of ALMR. The User Council is responsible for all operational and maintenance decisions affecting the System. Under the direction and supervision of the Executive Council, the User Council has the responsibility for management oversight and operations of the System. The User Council, through the OMO, oversees the development of System operations plans, procedures and policies under the direction and guidance of the Executive Council. (Members of the Executive Council and User Council are listed at www.alaskalandmobileradio.org.)

VIII. DURATION, CANCELLATION, & TERMINATION OF MEMBERSHIP

[Agency](#) membership on ALMR will remain in effect until canceled or terminated by the [member agency](#) upon **30 days** written notice. The Membership Agreement, [between the member agency and the Executive Council](#), may be terminated for violation(s) of the terms and conditions of the [Cooperative Agreement \(inclusive of its appendices\)](#) upon 30 days written notice to the [member agency](#). [Termination for cause, or departure at the request of the agency, does not relieve the member agency of their financial obligations for the inclusive term of the membership.](#) Termination is subject to review and **approval** by the Executive Council.

IX. TERMINATION ASSISTANCE

If this Membership Agreement is canceled or terminated for any reason, ALMR will provide all reasonable assistance requested by the [member agency](#) to allow for the orderly transfer of services.

X. MISCELLANEOUS

- A. Waiver** – the failure of a [signatory](#) to insist upon strict adherence to any term of this [Membership Agreement](#) shall not be considered a waiver or deprive the [signatory](#) of the right thereafter to insist upon the strict adherence to that term of the [Membership Agreement](#).
- B. Modification** – this [Membership Agreement](#) may not be modified, amended, extended, or augmented, except by written amendment signed by both the [signatories to the Membership Agreement and approved by the Executive Council](#).
- C. Governing Law** – this [Membership Agreement](#) shall be governed by, and construed in accordance with the laws of the State of Alaska, and any and all applicable federal laws.



- D. **Headings** – the headings given to the sections and paragraphs of this **Membership Agreement** are inserted only for convenience and are in no way to be construed as part of this **Membership Agreement**, or as a limitation of the scope of the particular sections or paragraphs to which the heading refers.
- E. **Independent Contractor Relationship** – the relationship between ALMR and member **agencies** is that of an independent contractor and client. No agent, employee, or servant of ALMR shall be deemed to be an employee, agent, or servant of the member **agencies**. Member **agencies** will be solely and entirely responsible for its acts and the acts of its agents, employees, servants, subcontractors, and volunteers during the performance of this **Membership Agreement**.

XI. SPECIAL PROVISIONS

- A. Funding Obligation – **Per the Cooperative Agreement, Article 2, Section 11, and Article 9, Section 7, and as further noted in Article 11, Section 6, nothing contained in this Membership Agreement shall be construed as binding the member agency to expend in any one fiscal year any sum in excess of appropriations made by Congress, the Alaska Legislature, a city council, a borough assembly, or a board of directors for the purposes of this Membership Agreement for that fiscal year, or to be obligated to make an expenditure of money in excess of such appropriations.**
- B. Liability – **the signatories to this Membership Agreement accept responsibility for any property damage, injury or death, caused by the deliberate acts or omissions of their respective employees acting within the scope of their employment under this Membership Agreement to the fullest extent permitted by law.**

XII. NOTICES

All notices given under this Membership Agreement, except for emergency service requests, will be made in writing. All notices will be sent to the **member agencies** as follows: **(fill in all gray fields, as applicable)**

Agency Name _____
POC Name _____
Address 1 _____
Address 2 _____
City _____
Zip code _____
Phone _____
Cell _____
Fax: _____
Attention _____
E-mail _____

Address **changes** will be effective seven (7) days after notice of such change is given. This **Membership Agreement** shall become effective as of the date of the last signature.

AUTHORIZED MEMBER SIGNATORY:

Agency Name _____

AUTHORIZED PARTY SIGNATORY:

Agency Name _____



**Alaska Land Mobile Radio Communications System
Membership Agreement**

Representative Name _____

Representative Name _____

Representative Title _____

Representative Title _____

Signature _____

Signature _____

Date _____

Date _____

Execution of this Membership Agreement may only be made by a duly authorized representative of the member agency/local unit of government.

Alaska Land Mobile Radio
Attention: Operations Management Office
5900 East Tudor Road, Suite 121
Anchorage, Alaska 99507-1245

Approval

Del Smith
Operations Manager

Signature

Date

DRAFT

Comment Resolution Matrix

ORG/ REVIEWER	Page #	Para #	Line #	Class	Comments	A/R/P
SOA DPS AST Major Matt Leveque 269-5697 Matt.leveque@alaska.gov	1	1	3	U	<p>Administrative: Revise sentence.</p> <p>Recommendation: Add word “the” before ALMR Communications System...</p> <p>Rationale: Readability and clarification</p> <p>Comment: This language is directly from the Cooperative Agreement and cannot be modified. However, adding the word in parentheses will indicate it is not part of the original language but still improve the readability of the paragraph.</p>	P
University of Alaska Edith Curry 474-7681 eicurry@alaska.edu	1	1	1-4	U	<p>Critical: Access is conditioned upon the approval of the terms and conditions of access as outlined in the ALMR Communications System Cooperative Agreement and approved by the Executive Council.</p> <p>Recommendation: Strike this introductory sentence.</p> <p>Rationale: This language, when read with Article VII, means that the University is bound by all the terms and conditions of the Cooperative Agreement. But, as noted above, we are not signatories to the Cooperative Agreement, we had no say-so in how it was developed and we have no control over it now. We do not agree to be bound by the entire agreement now. Last year the Membership Agreement referenced specific provisions of the Cooperative Agreement, and we were able to review those clauses and determine whether we could live with the specific condition before we signed the Membership Agreement. We should use the same procedure now. Much of the Cooperative Agreement does not apply to us anyway, and the Executive Council should list with specificity any condition it wants us to follow.</p>	R

					<p>Comment: This language is directly from the Cooperative Agreement and cannot be modified. Terms of access are outlined in Article 11, Section § 6. “All Users of the System will be required to enter into a written user agreement between the user and the Executive Council, or their designated Executive Agent.” This language is stand alone. Neither Section VII of the Membership Agreement, nor Article 7 of the Cooperative Agreement, contains any language binding agencies to all terms and conditions of the Cooperative Agreement. The Cooperative Agreement, Article 11, Cost Recovery and User Agreements, Section 6 defines the Membership Agreement terms.</p>	
<p>SOA DPS AST Major Matt Leveque 269-5697 Matt.leveque@alaska.gov</p>	1	Sec II, Para B	6	U	<p>Administrative: Delete organization</p> <p>Recommendation: Delete “the Alaska Municipal League.”</p> <p>Rationale: Readability and clarification</p> <p>Comment: The System is shared between the five organizations listed; they are all represented on the Executive Council.</p>	R
<p>SOA DPS AST Major Matt Leveque 269-5697 Matt.leveque@alaska.gov</p>	2	Sec II, Para H	2	U	<p>Administrative: Revise sentence.</p> <p>Recommendation: Change to read “a Project 25 feature, when enabled, allows a Member to transmit an emergency alarm to their dispatch center.”</p> <p>Rationale: Readability and clarification</p> <p>Comment: Approved</p>	A
<p>SOA DPS AST Major Matt Leveque 269-5697 Matt.leveque@alaska.gov</p>	2	Sec II, Para J	All	U	<p>Administrative: Revise sentence.</p> <p>Recommendation: Change to read, “...the organization that represents federal government entities, agencies and organizations, other than the Department of Defense, that will operate on ALMR.”</p>	A

					<p>Rationale: Readability</p> <p>Sponsor Comment: Approved</p>	
<p>SOA DPS AST Major Matt Leveque 269-5697 Matt.leveque@alaska.gov</p>	2	Sec II, Para L	1	U	<p>Administrative: Deletion.</p> <p>Recommendation: Change to read “protects and defends information and...”</p> <p>Rationale: Readability and clarification</p> <p>Comment: Approved</p>	A
<p>SOA DPS AST Major Matt Leveque 269-5697 Matt.leveque@alaska.gov</p>	2	Sec II, Para M	2 thru 4	U	<p>Administrative: Revise sentence.</p> <p>Recommendation: Change to read, “... a user agency, which sets forth the terms and conditions under which the System provides services to a user agency and that user agency’s responsibilities while operating on the System.”</p> <p>Rationale: Readability and clarification</p> <p>Comment: Approved</p>	A
<p>SOA DPS AST Major Matt Leveque 269-5697 Matt.leveque@alaska.gov</p>	2	Sec II, Para O	1	U	<p>Administrative: Revise sentence.</p> <p>Recommendation: Change to read, ‘a talkgroup assigned during a multi-agency operation.’</p> <p>Rationale: Readability and clarification</p> <p>Comment: Approved</p>	A
<p>SOA DPS AST Major Matt Leveque 269-5697 Matt.leveque@alaska.gov</p>	2	Sec II, Para P	1	U	<p>Administrative: Format correction.</p> <p>Recommendation: Bold the words ‘Operation Manager.’</p> <p>Rationale: Format correction.</p>	A

					Comment: Approved	
SOA DPS AST Major Matt Leveque 269-5697 Matt.leveque@alaska.gov	2	Sec II, Para R	2	U	Administrative: Revise sentence. Recommendation: Change to read, ‘the Federal Executive Association of Alaska, and the State of Alaska Department of Administration’s ...’ Rationale: Readability and clarification Comment: Approved	A
Rural Deltana Volunteer Fire Department Mike Paschall (907) 460-8629 akmike@alaska.net	2	Sec II, Para R	All	U	Administrative: Revise to clarify which agreement this refers to. Recommendation: Party/Parties and does not include those who have executed the Membership Agreement and uses the word “Agreement” without defining if this is referring to the Membership Agreement of the Cooperative Agreement. Rationale: Clarification Comment: To clarify the definition, change to read, ‘...Parties who have signed the Agreement (Cooperative Agreement). The Parties...’	P
SOA DPS AST Major Matt Leveque 269-5697 Matt.leveque@alaska.gov	2	Sec II, Para U	1	U	Administrative: Revise sentence. Recommendation: Change to read, ‘...an exclusive talkgroup assigned to a single, specific agency .’ Rationale: Readability and clarification Comment: Approved	A
Rural Deltana Volunteer Fire Department Mike Paschall	3	Sec II, Para Z(1)	1	U	Administrative: Revise sentence. Recommendation: Indicates the Operations Manager/System Manager is to “assign radio use priorities.” This authority should	R

<p>(907) 460-8629 akmike@alaska.net</p>					<p>rest with the User Council and Executive Committee.</p> <p>Rationale: Clarification</p> <p>Comment: Per Article 6 Section 2 of the Cooperative Agreement, the Operations Manager has oversight of the day-to-day operations of the System. In accordance with ALMR Emergency Operations Procedure 300-5 para 2.2.2 “The OMO will keep the EC and the UC informed of any changes in System status, to the greatest extent possible.” and para 3.13 “The OMO, SMO, Security Manager/IAO, and other participating agencies/individuals, as dictated by the severity of the disaster, shall make a determination as to the priority order in which to bring affected geographic areas back on line. Additionally, all non-essential System traffic may be restricted (minimize) if System busies exceed the ‘emergency operations’ acceptable busy level.”</p>	
<p>Rural Deltana Volunteer Fire Department Mike Paschall (907) 460-8629 akmike@alaska.net</p>	<p>3</p>	<p>Sec IV, Para F</p>	<p>All</p>	<p>U</p>	<p>Administrative: Revise definition.</p> <p>Recommendation: Indicates upgrades may be provided at no cost to some users and require an adjustment in fees to others. Until such time as fees are established and implemented, statements concerning fees should not be in the document. Why would some agencies receive upgrades free and others be charged?</p> <p>Rationale: Clarification</p> <p>Comment: The paragraph states “Some upgrades may be provided to <u>all</u> member agencies at no additional charge.” ALMR is a priority mission essential system for the Department of Defense. If an upgrade is required to ensure the System remains in compliance with the Defense Information Assurance Certification and Accreditation Process, then the DOD has, in the past, paid for the System upgrade.</p> <p>As stated, “Such enhancements made to the infrastructure <u>may</u> also require an upgrade or replacement of user subscriber assets” to</p>	<p>R</p>

					<p>access the enhancements. It is not dictated that agencies have to upgrade their equipment.</p> <p>As stated, “Enhancements <u>may</u> necessitate an adjustment in all member agency fees.”</p> <p>Any changes made to the ALMR System must be submitted through the appropriate System Change Request process which requires both a security and technical review and approval of the ALMR User Council Chair or if evaluated by the Change Control Board, approval of the Executive Council.</p>	
<p>Rural Deltana Volunteer Fire Department Mike Paschall (907) 460-8629 akmike@alaska.net</p>	3	Sec V, Para A	All	U	<p>Administrative: Revise paragraph.</p> <p>Recommendation: Fees should not be addressed until an actual amount/structure is determined and implemented.</p> <p>Rationale: Clarification</p> <p>Comment: Per Article 11 Section 6 of the Cooperative Agreement, “All Users of the System will be required to enter into a written user agreement between the user and the Executive Council, or their designated Executive Agent. The User agreement will be signed by an authorized representative of the Party, through whose portion of the System the user is being granted access, and by a representative of the user organization who is authorized by law to sign binding agreements for that user organization. The user agreement will set out the terms, conditions and <u>charges for usage of the System.</u>” There are currently no charges for agencies to operate on ALMR; therefore, fees entered are \$0.</p>	R
<p>Div of Forestry K. Pyne for: D. Brown, C. Maisch, T. Kurth 907-356-5847 /632-2089 Kathryn.pyne@a</p>	4	Sec V Para A	1	U	<p>Critical: Remove Activation & Member Fees</p> <p>Recommendation: There is no indication of agency cost obligation nor fiscal year indicated. Last year it indicated that “\$0.00 for State fiscal year 2009 (July 1, 2008 through June 30, 2009).”</p> <p>Rationale: The current fiscal year has no funding identified for</p>	R

laska.gov					<p>ALMR through the budget process, nor does the Governor’s Budget for FY10. The agreement says the agency will pay this unspecified amount.</p> <p>Comment: This is a <u>draft</u> agreement to be filled out for each individual agency after the format/language are approved and signed for FY11. It is not intended to have any amount inserted at this time.</p>	
User Council, March 3, 2010	4	Sec V Para A	4	U	<p>Critical: Add verbiage for future years funding</p> <p>Recommendation: Change to read, “Agencies operating on the System are responsible for requesting sufficient funds in advance to cover the annual cost of operating on ALMR based on cost share. The member agency will pay <u>insert agency cost share and applicable FY here.</u>”</p> <p>Rationale: The current fiscal year has no funding identified for ALMR through the budget process, nor does the Governor’s Budget for FY10. The agreement says the agency will pay this unspecified amount.</p> <p>Comment: This is a clarification to agencies that they must actively seek funding from their government bodies.</p>	
Div of Forestry K. Pyne for D. Brown, C. Maisch, T. Kurth 907-356-5847/ 632-2089 Kathryn.Pyne@ Alaska.gov	5	Sec V Para J	1-2	U	<p>Substantive: Security- all management console or dispatch console operators shall complete the required ALMR IA Training.</p> <p>Recommendation: Need to specify or refer to specify – DOF dispatch offices house ALMR consolette – while some areas have consolette and MotoBridge (3 areas). Depending on the need – dispatchers are moved to areas of high fire activity – and dispatchers from lower 48 are brought up for 2 week – and longer assignments.</p> <p>Rationale: Clarification</p> <p>Comment: IA Training is Information Assurance training and applies to the security aspects of the ALMR System. All</p>	R

					management console or dispatch console operators were trained by the ALMR Security Manager.	
<p>Div of Forestry K. Pyne for D. Brown, C. Maisch, T. Kurth 907-356-5847/ 632-2089 Kathryn. Pyne@alaska.go v</p>	5	Sec V Para M	All	U	<p>Substantive: Trained personnel - ...not permit any employee or other personnel ... to use ALMR until ... received ALMR radio user training.</p> <p>Recommendation: Need to specify or refer to the amount/ type of training required. Will a certification be required to ensure compliance?</p> <p>Rationale: Clarification</p> <p>Comment: Agencies operating on ALMR are responsible for ensuring their personnel are trained in operations of the subscriber units before issuing them. Section V Para G states “Compliance with ALMR Guidelines, Procedures, and Protocols – The member agency will comply with all ALMR OMO guidelines, policies, procedures, and protocols governing the operation and use of the ALMR System as established by the ALMR User Council, approved by the ALMR Executive Council, and enacted by the Operations Management or System Management Offices. Member agencies will comply with all directives of the ALMR Executive Council, including but not limited to those listed in this Membership Agreement. Copies of policies and procedures are available to the member agencies through the Operations Management Office or at http://www.alaskalandmobileradio.org.”</p> <p>Training is identified in New User Procedure 300-4, New Member Checklist.</p> <p>The Operations Management Office offers radio subscriber unit training (see the OMO Customer Support Plan). This function was not funded by vote of the User Council for SOA FY10.</p> <p>Subscriber training presentations are located on the ALMR web site on the training page.</p>	R

<p>SOA DEC Bob Mattson 465-5349 bob.mattson@alaska.gov</p>	<p>6</p>	<p>Sec V Para N</p>	<p>All</p>	<p>U</p>	<p>Administrative: Remove duplicate definition.</p> <p>Recommendation: Remove Section V, paragraph N in its entirety. It is a duplicate of Section II, paragraph A.</p> <p>Rationale: Duplication</p> <p>Comment: Approved</p>	<p>A</p>
<p>User Council, March 3, 2010</p>	<p>6</p>	<p>Sec VIII</p>	<p>2</p>	<p>U</p>	<p>Critical: Add verbiage for future years funding</p> <p>Recommendation: Change to read, “upon 30 days written notice.”</p> <p>Rationale: One year notice is excessive for agencies wishing to depart ALMR.</p> <p>Comment: It was agreed upon that if an agency chose to depart the System, 30 days was adequate notice.</p>	<p>A</p>
<p>Rural Deltana Volunteer Fire Department Mike Paschall (907) 460-8629 akmike@alaska.net</p>	<p>6</p>	<p>Sec VIII</p>	<p>1-2</p>	<p>U</p>	<p>Administrative: Revise paragraph.</p> <p>Recommendation: Obligates member agencies to provide a one year written notice for termination of the agreement.</p> <p>Rationale: Agencies can’t be expected to commit beyond any existing terms. You are currently asking an agency to commit to an indefinite agreement and fee structure that is not defined. Agencies should be able to opt out of the agreement if they do not agree with any changes to the agreement, other rules and regulations, or fee structure. It is also unreasonable to require an agency to continue to pay fees if the Executive Council terminates the agreement.</p> <p>Comment: The User Council voted to change the language to read, “Agency membership on ALMR will remain in effect until canceled or terminated by the member agency upon 30 days written notice. The Membership Agreement, between the member agency and the Executive Council, may be terminated for violation(s) of the terms and conditions of the Cooperative Agreement (inclusive of its</p>	<p>P</p>

					<p>appendices) upon 30 days written notice to the member agency. Termination for cause, or departure at the request of the agency, does not relieve the member agency of their financial obligations for the inclusive term of the membership. Termination is subject to review and approval by the Executive Council.</p>	
<p>University of Alaska Edith Curry 474-7681 eicurry@alaska.edu</p>	6	Sec VIII	2	U	<p>Recommendation: return to the 30-day requirement as in Article VII of last year’s Membership Agreement.</p> <p>Rationale: There are at least four reasons why the University will not agree to this Article as written. 1. Right now there are no fees for this service. But if that changes we want to be able to give 30-days notice and end our membership, if appropriate. 2. Last year there was a 30-day notice provision and there is no reason for us to accept any other termination provision now. 3. The Cooperative Agreement, to a large degree, governs this Membership Agreement. The University is not a party to the Cooperative Agreement, we did not sign it, we had no say-so in its formation and we have no control over it now. If the Cooperative Agreement changes and affects us, we will want out on 30-days notice. We will not be part of an arrangement were we have so little control without a way to get out of it quickly and easily. 4. Finally the one-sided nature of the Article VII is disturbing. We have to give 1-year’s notice to get out but the Executive Council only has to give 30-days notice of a violation of the Agreement to terminate the Agreement. If 30-days notice is good enough for the Executive Council it is good enough for us as well.</p> <p>Comment: The User Council voted to change the language to read, “Agency membership on ALMR will remain in effect until canceled or terminated by the member agency upon 30 days written notice. The Membership Agreement, between the member agency and the Executive Council, may be terminated for violation(s) of the terms and conditions of the Cooperative Agreement (inclusive of its appendices) upon 30 days written notice to the member agency. Termination for cause, or departure at the request of the agency, does not relieve the member agency of their financial obligations for</p>	P

					the inclusive term of the membership. Termination is subject to review and approval by the Executive Council.	
Juneau Police Department Lt. Kris Sell 907-586-0722 ksell@juneaupolice.com	6	Section VIII	2	U	<p>Critical: One year notice to cancel membership</p> <p>Recommendation: 30 days, same as for ALMR to remove memberships.</p> <p>Rationale: If cost becomes a significant factor, I would not want to see departments have to make cuts in other areas to afford to pay for final year of ALMR.</p> <p>Comment: The User Council voted to change the language to read, “Agency membership on ALMR will remain in effect until canceled or terminated by the member agency upon 30 days written notice. The Membership Agreement, between the member agency and the Executive Council, may be terminated for violation(s) of the terms and conditions of the Cooperative Agreement (inclusive of its appendices) upon 30 days written notice to the member agency. Termination for cause, or departure at the request of the agency, does not relieve the member agency of their financial obligations for the inclusive term of the membership. Termination is subject to review and approval by the Executive Council.</p>	P
Div of Forestry K. Pyne for: D. Brown, C. Maisch, T. Kurth 907-356-5847 /632-2089 Kathryn.pyne@alaska.gov	6	Section VIII	2	U	<p>Critical: ALMR agreement VIII Duration, Cancellation and Termination of Membership</p> <p>Recommendation: Written notice has been changed from 30 days to 1 year for the agency to terminate the agreement. Combined with (Section) V (Para) A this means the agency is obligated for a full year to whatever the cost obligation is determined to be and cannot get out of the agreement.</p> <p>Rationale: A 30 day written notice is reasonable and must be retained. Of note that when the Executive Council wants to terminate the member agency agreement they can do that in 30 days.</p> <p>Comment: The User Council voted to change the language to read,</p>	P

Comment Resolution Matrix

					<p>“Agency membership on ALMR will remain in effect until canceled or terminated by the member agency upon 30 days written notice. The Membership Agreement, between the member agency and the Executive Council, may be terminated for violation(s) of the terms and conditions of the Cooperative Agreement (inclusive of its appendices) upon 30 days written notice to the member agency. Termination for cause, or departure at the request of the agency, does not relieve the member agency of their financial obligations for the inclusive term of the membership. Termination is subject to review and approval by the Executive Council.</p>	
User Council, March 3, 2010	6	Sec VIII	5	U	<p>Critical: Add verbiage for future years funding</p> <p>Recommendation: Change to read, “for cause, or departure at the request of the agency, does not ...”</p> <p>Rationale: Clarification of reasons for departure.</p> <p>Comment: It was agreed upon that whether an agency was removed for cause or if an agency chose to voluntarily depart the System, they will not be refunded any/all of the funds committed for the FY Membership Agreement for which they entered.</p>	A
SOA DPS AST Major Matt Leveque 269-5697 Matt.leveque@alaska.gov	6	Sec VIII	6	U	<p>Administrative: Revise sentence.</p> <p>Recommendation: Change to read, ‘Termination is subject to review and approval by the Executive Council. ’</p> <p>Rationale: Format correction.</p> <p>Comment: Approved</p>	A
Rural Deltana Volunteer Fire Department Mike Paschall (907) 460-8629 akmike@alaska.	7	Sec XI Para A	1-2	U	<p>Administrative: Revise paragraph.</p> <p>Recommendation: Revise to be more specific on system use if no funds are available.</p> <p>Rationale: Creates confusion concerning funding by member</p>	R

net					<p>agencies. If the agency’s governing body does not provide funding authorization, can the agency still utilize the system?</p> <p>Comment: If there should be a cost share, agencies are required to make every effort to seek/gain funds for their shared costs. In the event of non-appropriation of funds by a organization’s/agency’s funding entity (i.e. the Alaska Legislature, United States Congress, city council, borough assembly or board of directors), the non-appropriation of money for that organization/agency shall not constitute a breach of contract. Paragraph states this clearly.</p>	
<p>Div of Forestry K. Pyne for D. Brown, C. Maisch, T. Kurth 907-356-5847/ 632-2089 Kathryn.pyne@alaska.gov</p>	7	Section XI Para B	1-2	U	<p>Critical: Accepting liability “for any property damage, injury or death, caused by the acts or omissions for the acts of their employees “same issue that was brought up last year. Forestry got tort immunity legislation passed after the Miller’s Reach Fire specifically to protect against this situation. Federal litigation on Storm King Mountain centered directly on communications which resulted in the deaths of 8 firefighters.</p> <p>Recommendation:</p> <p>Rationale:</p> <p>Comment: Natural disasters are not acts or omissions of employees. This states that deliberate acts/omission of any agency’s employee toward the ALMR System or its personnel are liable.</p>	P
<p>User Council, March 3, 2010</p>	7	Sec XII Para B	2	U	<p>Critical: Add verbiage for clarification between ‘acts of nature’ and intentional acts for destructive purposes.</p> <p>Recommendation: Change to read, “caused by the deliberate acts or omissions ...”</p> <p>Rationale: Clarification of intent.</p> <p>Comment: It was agreed upon that this clarifies intent of a malicious nature versus acts of nature.</p>	A

<p>Rural Deltana Volunteer Fire Department Mike Paschall (907) 460-8629 akmike@alaska. net</p>	<p>7</p>	<p>Sec XI Para B</p>	<p>All</p>	<p>U</p>	<p>Administrative: Revise paragraph.</p> <p>Recommendation: Revise to be more specific on liability responsibilities.</p> <p>Rationale: Seems very broad in scope.</p> <p>Comment: If there should be a cost share, agencies are required to make every effort to seek/gain funds for their shared costs. In the event of non-appropriation of funds by an organization's/agency's funding entity (i.e. the Alaska Legislature, United States Congress, city council, borough assembly or board of directors), the non-appropriation of money for that organization/agency shall not constitute a breach of contract. Paragraph states this clearly.</p>	<p>R</p>
<p>University of Alaska Edith Curry 474-7681 eicurry@alaska.e du</p>	<p>7</p>	<p>Section XI</p>	<p>All</p>	<p>U</p>	<p>Critical: Paragraph B of Article XI</p> <p>Recommendation: Strike Paragraph B of Article XI</p> <p>Rationale: This is redundant. Article V (H) of the Membership Agreement addresses Liability. This clause incorporates Article 17 of the Cooperative Agreement and covers the issue of Liability plainly and succinctly. There is no reason to have another, superfluous Liability section in Article XI.</p> <p>Comment: Recommend that Section V Para H be removed instead of Section XI Para B, which better defines the liability.</p>	<p>P</p>

Change Request De-confliction/Site Move Documents Due

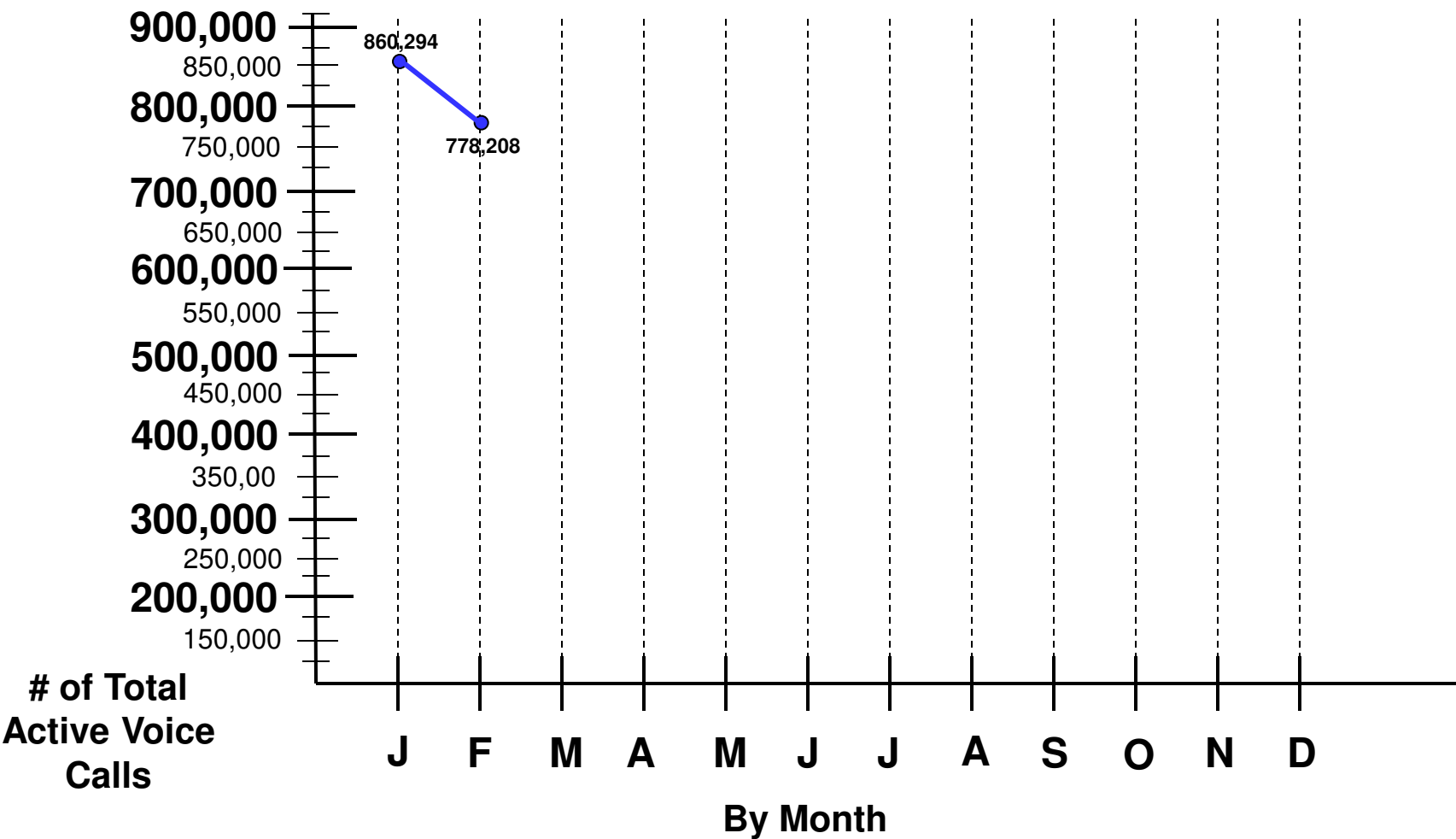
- AB Hill/Skagway
- Alcantra
 - Ch 2
 - Ch 3
- Atwood
 - Ch 4 to Site Summit
 - Ch 8
 - Ch 9 – new license
 - Ch 10
- Bailey Hill
 - Ch 2
 - Ch 5
- Beaver Creek/Northway
- Birch Hill
 - Ch 5
- Cooper Mountain
 - Ch 4
- Craig/Mt Sunny Hay
- Ester Dome
 - Ch 3
 - Ch 4
- FS12
 - Ch 8
 - Ch 9
 - Ch 10
- Gold Creek/Curry (frequencies and channels)
- Grandview/Tunnel
- Hope
 - Ch 5
- Kenai Prism/Beacon
- Miami Lake
- Mt Susitna/ Beckwitts Bluff/ Houston/Goose Bay

While the equipment was moved to Cottonwood Creek the change presented to the EC did not remove Mt Susitna from the site list. Mt Susitna will not be an ALMR site; the license and equipment was moved to Cottonwood. The original 2006 Change Request was *“remove Beckwitt’s Bluff from 2005 workplan and replace with Cottonwood Creek RF”* – in 2007 another Change Request was approved by EC for changing the name of Mt.Susitna to Cottonwood, as that was what actually was done in the field.

- Pole Hill
 - Ch 4
 - Ch 5
- Pillar Mtn
 - Ch 3
- Quarry Hill
 - Ch 4
- Sheep Mountain/Lions Head
- Site Summit – added channel capacity
SOA licensed three additional channels which were approved by the FCC (March 16, 2009). The Department of Defense purchased the additional required equipment to increase the site capacity. The State of Alaska reallocated Atwood Channel 4 frequency to Site Summit. Other frequencies were moved from Ted Stevens Anchorage International Airport for Channels 8 and 9.
- TSAIA
 - TSAIA (155.3375) license and equipment to Atwood Ch 4
 - TSAIA (155.5125 & 155.7875) to Atwood Ch 9 & 10
- TSIA 800 MHz
- Wrangell/Crystal Lake

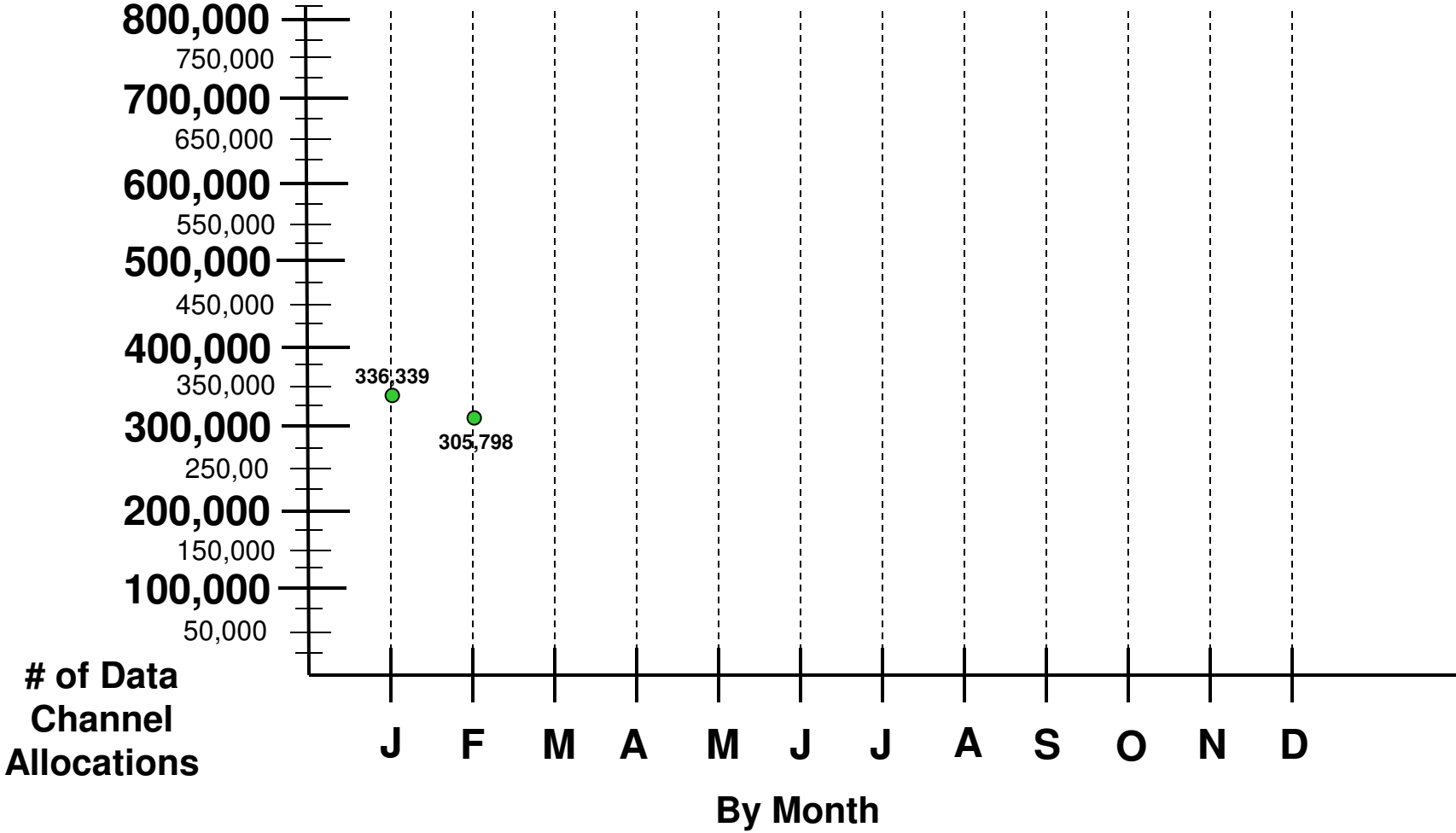
2010

System Performance - Voice



2010

System Performance - Data



2010

System Performance - Busies

