

Alaska Minerals Information At Risk Program: Mining and Land Records Integration **FY2003 Request: \$650,000**
Reference No: 34095

AP/AL: Appropriation **Project Type:** Information Systems
Category: Development
Location: Statewide **Contact:** Richard McMahon
House District: Statewide (HD 1-40) **Contact Phone:** (907)269-8836
Estimated Project Dates: 07/01/2002 - 06/30/2004

Brief Summary and Statement of Need:

To improve public access to record systems, to bridge related state and federal land record systems that have historically been isolated, to reduce the time required to adjudicate mining applications and update land status plats, and to deliver Internet based mapping capability.

Funding:	<u>FY2003</u>	<u>FY2004</u>	<u>FY2005</u>	<u>FY2006</u>	<u>FY2007</u>	<u>FY2008</u>	<u>Total</u>
Fed Rcpts	\$650,000						\$650,000
Total:	\$650,000	\$0	\$0	\$0	\$0	\$0	\$650,000

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input checked="" type="checkbox"/> Phased Project	<input type="checkbox"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
Totals:	0	0

Additional Information / Prior Funding History:

SLA01/CH61 - \$700,000 CIP Deliverables for public access, reduce mining application adjudication time, provide internet-based mapping capability.

SLA00/CH135 - \$250,000 CIP Deliverables for cycle time reduction, begin imaging & GIS components.

FY 00: \$310,000 RPL 10-0-4013 - Deliverables for land records Website.

FY 99: \$125,000 RPL 10-9-4002 - Project Initiation.

Project Description/Justification:

Detailed Project Justification:

This project is part of the multi-agency effort to protect Alaska's mineral information sources, particularly those at risk of being lost or compromised. This component addresses several components which taken together constitute a new Mining Claims Information System.

The Mining Industry in Alaska has exceeded a gross of 1 billion dollars in the past three years. A key underlying engine for this industry is the mineral and property law foundation that moves mineralized properties from discovery, to claim to lease. Record systems are integral to these institutions. State revenues are generated as a function of the tax structure associated with the expanding role of the mining industry.

There are five main phases to the project.

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First, placing state and federal graphic and tabular land records on the Internet. Much of this work has been completed. State plats and surveys are published. See <http://www.dnr.state.ak.us/landrecords> .

Second, the project seeks to reduce the cycle times needed to update various components of public mining record systems; i.e. build links between related information in the Recorder's Office, the DNR Land Administration System, the BLM Land Information System, and state & federal plats. Many changes here are tied to new state legislation and regulations, see SB175. Good progress has been made on this front; a summary is described in the August 2001 Alaska Mining Journal.

Third, the project will bring on-line images of both historic and current mining property documents. Historic property documents are being scanned with assistance from the University (KARDEX system). Current documents are being made available via an overlap project to bring document imaging to the State Recorder's Office. The Recorder's Office Index was recently put on-line which helps to provide the mining industry to real-time updates on claims and deeds effecting mineral properties. See <http://www.dnr.state.ak.us/recorders/search.cfm>

Fourth, the project seeks to deliver on-line land status mapping capability of land status in a real-time environment, integrating federal and state records to the extent feasible based on customers needs. The time required to update changes in public graphic land record will be much shortened, and public and agency access to the state's land owner will be significantly expanded. A pilot for this concept demonstrating state and federal mining claim information in a single system can be found at http://www.dnr.state.ak.us/ssd/lris/gis/mcis_p0

Fifth, the project seeks to assure technical system compatibility between other Alaska Minerals Information at Risk (AMIAR) projects, including work conducted on geologic and geo-physical information, bibliographic work undertaken by the US Geological Survey, the BLM, the DNR Division of Geological and Geophysical Surveys, and the Alaska Resources Library.

These projects expand the opportunity for exploration and development of mineral resources in Alaska. They improve public access to information. They reduce the time required to synchronize related public record systems. Work on this project was first started in FY99. Detailed information is available from the DNR – BLM Agreement Number 1422L953A98-0009, a part of the Alaska Minerals Information At-Risk Program.

Specific Spending Detail:

BLM-DNR Mining Claim Sys.	FY99-02	FY03	FY04
Federal Funds	\$1,075.0	\$650.0	\$300.0
Total	\$1,075.0	\$650.0	\$300.0

FY03 Breakdown

- 100: Personal Services \$ 300.0 Analyst Programmers
- 200: Travel \$ 10.0 Interagency Coordination, Fbk and Jno Communities
- 300: Contractual \$ 240.0 Contracting Support for GIS mapping and training
- 400: Supplies \$ 100.0 Hardware and Software Support

Project Support:

The Bureau of Land Management is the primary federal cooperater on this project. One of the primary goals of this initiative is to create public land record systems that respond to the needs of the public we jointly serve. In most cases, Alaska land records require review of both state and federal information systems to determine status and availability for various land uses. Current systems focus on agency needs. This initiative seeks to use electronic networks and shared technical solutions to common problems to create a more integrated approach to state and federal public access. The GIS Component offers excellent potential to all state agencies to apply GIS technology to meet their mandates. Additional public support is provided through ARLIS (Alaska Resources and Land Information Services), Alaska Miners Association, the DNR Division of Geological and Geophysical Survey (DGGS), US Geological Survey, and the minerals group within the Region 10 US Forest Service.

Project Opposition:

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None known.