

# FRIDAY BULLETIN

NEWS FROM THE ALASKA DIVISION OF LIBRARIES, ARCHIVES & MUSEUMS

10/21/2011

*This newsletter is available weekly and previous issues are available at [http://lam.alaska.gov/about\\_lam/FridayBulletin.html](http://lam.alaska.gov/about_lam/FridayBulletin.html).*

*Submissions for the Friday Bulletin should be sent to [linda.thibodeau@alaska.gov](mailto:linda.thibodeau@alaska.gov) and may be edited for content and length if used.*

**Contents:**

- **NEWS FROM THE DIVISION**
  - **SLAM BUILDING ENERGY EFFICIENCY UPDATE**
  - **LINK TO HOMEWORK HELP FROM YOUR WEBSITE**
  - **CHANGES COMING TO EBSCO BUSINESS SEARCH INTERFACE**
- **NEWS FROM L.A.M.S IN ALASKA**
  - **BONDS APPROVED FOR PETERSBURG LIBRARY**
  - **UAA HIGHLIGHTS EARLY USGS WORK IN ALASKA**

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## **NEWS FROM THE DIVISION**

### **SLAM BUILDING ENERGY EFFICIENCY UPDATE**

Our project design team posted the following update to the building project blog at <http://alaskalamp.blogspot.com> on October 11, 2011:

Energy efficiency has been a primary goal of the SLAM project since its inception, and recent engineering efforts have led to some exciting discoveries. The project is unique in that it must carefully manage both sensible heat (what you feel) and latent heat (moisture in the air). A constant temperature and humidity range is vital to protecting the treasures housed in the building. The extremes of Juneau's Alaskan maritime climate mean that the building's mechanical systems must be constantly working to maintain this balance.

There are many sources of heating/cooling loads in SLAM, but the two that contribute most to energy usage are heat transfer through the building envelope and tempering of outside air needed to maintain a healthy indoor environment for artifacts and people. The SLAM team has been working diligently to design a robust building envelope that greatly exceeds the baseline requirements of the International Energy Code. Simultaneously we have been finding ways to 'recycle' energy within the building so it is not lost to the environment. Heat recovery 'wheels' are proposed for all five outside air handlers. These wheels have the capacity to recover up to 80% of the energy that would otherwise be lost to the outdoors.

The baseline heating system includes electric and oil-fired boilers that can adapt to the most economical source of energy. With this redundancy the building is able to maintain a stable environment even if one

of the fuel sources goes offline due to unforeseen circumstances. The baseline heating system also anticipates a future connection to district heating. Willoughby district landowners are currently working together on a study that looks at the feasibility of a bio-fuel fired district heating plant. When this plant comes online SLAM will be ready to connect to it via a simple heat exchanger.

In a few weeks a test well will be drilled on site to make a final determination on the feasibility of seawater cooling and heating for the building. Seawater holds promise to meet most of the sensible cooling needs of the building, and seawater heat pumps hold promise for supplying the lower temperature heating systems in the building, specifically radiant slabs on the first floor and snow melt systems on the parking access ramp.

Updates will be provided on this blog as these exciting developments mature.

## **LINK TO HOMEWORK HELP FROM YOUR WEBSITE**

Homework Help is a service connecting experienced, vetted live tutors with students needing help with their school assignments. It's available on the Digital Pipeline but we encourage you to put a link on your website if you have student visitors. The URL to use is <http://sled.alaska.edu/homework>.

Live Homework Help:

- requires a PC or Mac and internet access
- compatible with a variety of browsers
- available as a service to Alaskan students in grades K-12 and intro-level college students
- offered seven days a week from 1 PM to Midnight Alaska Time
- requires Flash on your computer with pop-up blockers turned off

## **CHANGES COMING TO EBSCO BUSINESS SEARCH INTERFACE**

We recently received the following notice from EBSCO:

Dear EBSCO Customer,

If you use the Business Searching Interface (BSI) for searching Business Source Premier, Business Source Alumni, Business Source Complete or Business Source Corporate, we have some important information for you.

Near the end of this month, you will notice that several updates and a more streamlined look have been applied to the BSI. The interface will more closely resemble the popular EBSCOhost interface, and will provide you with many new features not currently available on the BSI.

For more information on these updates, including screen shots, please see this page on our Support Site:

[http://support.ebsco.com/support\\_news/detail.php?id=710](http://support.ebsco.com/support_news/detail.php?id=710)

Customer Success is offering a complimentary, online overview of the new features in the Business Searching Interface starting soon. Please visit <http://training.ebsco.com> and look for 'Business Searching Interface: New Features' to register today!

The Business Search Interface is just one of the many databases available from the Digital Pipeline at <http://sled.alaska.edu/databases/>.

## **NEWS FROM L.A.M.S IN ALASKA**

### **BONDS APPROVED FOR PETERSBURG LIBRARY**

Good news travels far! A 10/10/2011 article in the Columbus Indiana Republic noted that Petersburg Alaska voters approved a \$1.5 million bond issue for the construction of a new library. See <http://tinyurl.com/petersburgLibrary> for full article. More information about the library project is available at <http://psglib.wordpress.com>.

### **UAA HIGHLIGHTS EARLY USGS WORK IN ALASKA**

In a posting on UAA's Archives and Special Collections blog, Arlene Schmuland explores a newly digitized collection featuring photographs of AG Maddren. A. G. Maddren was a geologist with the U.S. Geological Survey (USGS) and in 1911-12 he was on an expedition working on the US/Canada boundary survey.

She uses the collection as a springboard to discuss the problem of photograph identification:

Sometimes we luck out and are able to recognize a location in an image: Mt. McKinley, Mt. Marathon are often givens, certain areas of Anchorage, Fairbanks, Seward are pretty easy, Nome's waterfront, that sort of thing, but not always, and especially not in the area of Alaska Maddren was traversing which is totally unknown to me! And we certainly don't have the option that the acting head of USGS had, which was to close his order with the statement that any inadequately identified image would be returned to the photographer for labeling.

One moral of the story – if you are planning to donate your photograph collection, please label your photos. See the rest of the Arlene's entry at <http://www.consortiumlibrary.org/blogs/archives/2011/09/15/even-if-you-ask/>.

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