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We have just received a very large line of the best Blue and White Ware, triple plated acid proof
AT POPULAR PRICES

BEFORE YOU GO OUT HUNTING
CALL AND SEE OUR LINE OF

Amunition and Sporting Goods

It is the best to be had and we have lots of it

The Treadwell Store

BEST GLASS OF
Rainier Beer on Douglas Island
— AT —
Douglas Opera House

WINES LIQUORS CIGARS



STEAMERS FOR **Seattle, Tacoma**

Victoria, Vancouver, Anacortes, Bellingham
Everett, Olympia, Port Townsend, South
Bellingham, Eureka, Santa Barbara, Mexico

San Francisco, Los Angeles, San Diego

G. W. ANDREWS, G. A. P. D. C. D. DUNANN, G. P. A.
113 James St., Seattle 112 Market St., San Francisco

Right reserved to change this Schedule

NEXT SAILINGS WILL BE

City of Seattle Northbound—October 19th and 30th
Southbound—October 20th and 31st

Senator Northbound—November 5, 18, 29, and December 8
Southbound—November 6, 19, 30, and December 9

For information regarding passenger and freight rates, apply to
R. R. HUBBARD, Agent.

ALASKA FURNITURE AND UNDERTAKING CO.

LOUIS G. THOMAS, — MANAGER

Manufactures **Furniture** and
all kinds of.. **Caskets**

***** OUT OF YELLOW CEDAR *****

Special Articles of Furniture Made and Guaranteed.

The Canteen

WINE AND LIQUOR MERCHANTS

AGTS FOR **Olympia Brewing Company**

...Alaska Flyers...

Between Seattle, Ketchikan, Douglas, Juneau and Skagway.
Due to arrive at Douglas:

Jefferson

Sept. 7, 18, 30, Oct. 11, 22

Dolphin

Sept. 13, 24, Oct. 5, 16, 28

Steamers and sailing dates subject to change without notice. This is the only line of steamers calling regularly at Douglas both North and South bound

Elmer E. Smith, Agent, Douglas, Alaska

The CITY BAKERY

GEO. RIEDI & SON, Props.

We have the reputation of producing the best bread in Douglas

Sanitary Bakery Methods

FREE DELIVERY

Parties supplied with made-to-order dainties.

Your Patronage Solicited

JUNEAU FERRY AND NAVIGATION CO.

FERRY TIME CARD

LEAVE JUNEAU	
For Douglas and Treadwell:	
8:00 a. m.	3:00 p. m.
9:00 a. m.	4:30 p. m.
11:00 a. m.	6:30 p. m.
1:00 p. m.	8:00 p. m.
Sundays only 9:00 p. m.	
LEAVE DOUGLAS	
For Treadwell:	For Juneau:
8:15 a. m.	8:30 a. m.
9:15 a. m.	10:45 a. m.
11:15 a. m.	12:05 a. m.
1:15 p. m.	1:45 p. m.
3:15 p. m.	3:30 p. m.
4:45 p. m.	5:05 p. m.
6:45 p. m.	7:05 p. m.
8:15 p. m.	8:30 p. m.
9:15 p. m.	9:30 p. m.
Sundays 9:25 p. m.	
LEAVE TREADWELL	
For Douglas and Juneau:	
8:25 a. m.	3:25 p. m.
10:35 a. m.	4:55 p. m.
12:00 a. m.	6:55 p. m.
1:40 p. m.	8:25 p. m.
9:25 p. m. Sundays	
Sundays 8:00 a. m. trips omitted.	

Extra trips will be made as follows until further notice:
Leaves Juneau—10:00 p. m. and 11:00 p. m.
" Treadwell—10:30 p. m. and 11:30 p. m.
" Douglas—10:35 p. m. and 11:35 p. m.
The Sunday schedule will remain unchanged.

MINING CONDITIONS IN ALASKA

Alfred H. Brooks, geologist in charge of the Alaskan work of the U. S. Geological Survey, has just returned to Washington from his annual swing around the circle in the big Territory. He visited the coastal region of Central Alaska and spent some time in the Mantanuska coal field. The most accessible part of this important field has been the subject of a detailed survey by G. C. Martin, during the present season. Previous work in the region had outlined the general boundaries of the Mantanuska field, described in Survey Bulletin No. 327, and the coal is known to be high-grade, with a large percentage of good coking coal. The production of cheap coke is a matter of great importance to the metallurgical industry, present and prospective, of the entire Pacific seaboard. Mr. Martin's investigations will add much information in regard to this important district. The working out of the several problems of the coal field and the preparation of his report will, however, require the entire winter. It will be similar in scope to the bulletin already published—No. 335—on the Bering river field, which is the one other source of Alaskan high-grade coal.

COAL DEVELOPMENT NEEDED

Mr. Brooks has recently summarized the coal situation in Alaska in Survey Bulletin 442, pointing out the importance of making these high-grade fuels available for the use of both Alaska and the Pacific coast states. While the coal is of first importance to Alaskans who are attempting to develop the various great resources of the Territory, it is of scarcely less national importance, inasmuch as those fields can furnish fuel to the industries of the Pacific coast states and to the Pacific fleet. The development of these fields will conserve the coals of the eastern part of the United States, which are of most value to the nation because they are nearest the center of population.

The manufacture of iron on the west coast, for which there is abundant raw material, utilizing Alaskan coal, will not only cheapen the product by overcoming the long railroad haul or the trip around the Horn, but it will diminish the drain on the eastern iron and coal fields. Every shipload of coal carried around the Horn consumes about one fifth of its own cargo, while the hauling of iron and coal over the Rocky Mountains results in a still greater fuel waste.

Mr. Brooks found that in the regions visited the greatest need was for cheap fuel, all industries being directly or indirectly dependent upon it. This, it may be added, applies to much of the Territory. At present practically all the coal used in Alaska, and which is not of particularly high grade, is imported from British Columbia—a little comes from Japan—costing the consumer in the Prince William Sound region from \$11 to \$17 a ton. With these figures in mind it can readily be seen that our present magnificent industrial advancement in the Eastern States could not exist if manufacturers, mines and railroads had to meet such fuel bills, instead of paying \$1.25 or \$2.00 a ton for coal, as is actually the case. If, then, the Alaskan industries are not making a progress commensurate with the resources of the Territory there is sufficient reason for it in this lack of cheap fuel. And wite good coal under their very feet, but not a ton of which can be used, what wonder that the men who are attempting to develop

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Steam Heat. Electric Lights

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—SPECIAL BRANDS—

Seal of Kentucky Bonded Whiskey.

Barclay '76. Maryland Rye.

Careful attention given to all orders

this northern territory should feel discouraged?

GOLD MINING FAIRLY PROSPEROUS

Mr. Brooks saw but little of the gold fields; but he states that on the whole the gold-mining industry seems to have been fairly prosperous. Survey parties during the season visited the scene of the new discoveries in both the Iditarod and Kobuk regions, but these have not yet returned and later statements may be expected regarding the conditions. From the information available it appears that the placer gold production of some of the older camps has fallen off this year. On the other hand, much has been accomplished in the way of inaugurating large placer-mining enterprises, notably the installation of dredges on the Seward peninsula. These enterprises, designed to exploit the lower-grade deposits, will assure a continuation of mining in the older camps, where the richest placers have been worked by pioneer methods.

Extensive mining developments have been continued throughout the year in the gold lodes of the Juneau district, where a large output has resulted. Considerable advancement has also been made in prospecting gold lodes in various fields. Prospect work has been continued in the Fairbanks district, where encouraging results are reported, while on Prince William Sound a gold quartz mine has been put on a productive basis and many prospects found and opened up. A number of promising prospects have also been developed on the Kenai peninsula.

ACTIVITY IN COPPER MINING

In spite of the low price of copper, there has been much activity, Mr. Brooks states, in prospecting for this mineral, and seven or eight mines in three districts have continued to make an output. The inland copper districts can only be developed by the construction of railroads, and these depend for their success on the securing of cheap coal.

SURVEYS OF AGRICULTURAL LANDS

In addition to the dozen parties engaged in investigating mineral resources, the Geological Survey has this year begun a system of subdivisinal land surveys, intended to cover the most promising agricultural districts. As completed, these surveys will enable homesteaders to take up land as they do in the States. At the present time, with no surveys in Alaska, each homesteader is forced to bear the expense of surveying his claim, and with private surveyors charging from \$15 to \$25 a day, this is generally prohibitive. Three parties have been at work on these land surveys, near Fairbanks in the great Tanana valley, and will continue until about the middle of October. It is hoped to continue these land surveys until the large areas of agricultural land in various parts of the Territory have been fully covered, thus opening the way for Alaska to produce as much of her own food supply as possible.

Fresh Juneau cream, and cream from the Sound on every Jefferson, at the Douglas Candy Kitchen. Orders taken for flowers—carnations and roses.

The "VULCAN" Gas Engine

L. K. Halvorson, Agent

A HEAVY DUTY, 4-CYCLE ENGINE—A LARGER BORE AND STROKE THAN ANY ENGINE ON THE MARKET.

The Following Second-Hand Engines in Stock
A 2-hp. Buffalo, A 21-2-hp. Tuttle
and an 8-hp. Cushman

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Juneau Steamship Co.

U. S. MAIL STEAMER:

Georgia

ELECTRIC LIGHTED STEAM HEATED

Juneau-Sitka Route

Leaves Juneau for Funter, Hoonah, Gypsum, Tenakee, Killisnoo, Chatham, Sitka
October 17, 23, 29, November 4, 10, 16, 22, 28, December 4, 10, 16, 22, 28, January 3, 9, 15, 21, 27, February 2, 8, 14, 20, 26, March 4, 10, 16, 22, 28

For Tyee and Baranof: Nov. 10, Dec. 10, Jan. 9, Feb. 8, March 10

For Sanitarium (Sitka Hot Springs): Oct. 17, Nov. 4, 16, Dec. 4, 16, Jan. 8, 15, Feb. 2, 14, March 4, 16

Juneau-Skagway Route

Leaves Juneau for Pearl Harbor, Eagle River, Yankee Cove, Comet, Sentinel Light Station, Eldred Rock Light Station, Raines and Skagway, Oct. 21, 27, Nov. 2, 8, 14, 20, 26, Dec. 2, 8, 14, 20, 26, Jan. 1, 7, 13, 19, 25, 31, Feb. 6, 12, 18, 24, March 2, 8

Returning leaves Skagway following day

WILLIS E. NOWELL, Mgr.