6 Smelter Site

Kenamo River

Morice Lake

Here's What Alcan Plans in B. C.

PRINCE GEORG

ish Columbia Aluminum Brings New Industrial de to Prince Rupert Area

(By LARRY STANWOOD)

the next few years what may vie with Prince as British Columbia's third largest city is ed to mushroom out of a dense wilderness, es south of Prince Rupert, and already ramios of the greatest industrial move in this e are gaining increasing momentum.

Aluminum Company of

s far as B.C. was con-

26 Alcan announced it be poured at Kitimat by

ahtsa mountains, a tunnel project.

and announced early this plant will be built, one-quarter it proposed to build a mile inside a mountain cavern, n plant at Kitimat, a 10 miles from the head of Kem-

firm output of 1,600,000 horse-

Kitimat, fifty miles north of the and lead to an estab- power plant, at the head of anworth half a billion other long fjord in Douglas Channel, and here eventually is to grow a city of 50,000. The smelter, in its initial stage, will produce 330,000,000 pounds of aluminum annually, and when water rights it required, finally completed, 1,100,000,000

To Kitimat will be shipped the company's developments in the or B.C. Caribbean, of which 2.6 pounds pound of aluminum.

ano Bay, Gardner Canal.

In this plant, Alcan states a

raw product, alumina, from the hand from refineries in Alberta both government and commercial? At Kitimat will be a deep-sea to the desk clerk of a hotel there

ravines. Alcan estimates that a charged subject presented to the eries of \$1,870,000. across, total of 1½ million horsepower fourth B.C. natural resources level. This delivered at the smelter will cost conference a month after Alcan's To the end of April the half- powder a day to blast its way 10 equipment will be shipped to the one simply by building a one mill per kilowatt-hour. plans were announced. billion dollar venture had cost miles through solid rock. Oper- Nechako damsite on a road now

tolumn of water, a power coke could be obtained close at listen to the strong demands of to railway construction.

power can be developed. The smelter will be built at

PRINCE RUPERT

fisheries officials and a system wharf, location of the proposed and said: biologically feasible and econ-smelter and townsite.

will be required to produce one But what effect will this power omically practical was adopted. From the opposite end, at rooms." development have on fisheries? Briefly, the solution is this: Burns Lake and Vanderhoof, Power for the smelter will be Would the project hurt the Alcan will instal necessary en-crews are swathing roads through clerk. transferred from the Kemano salmon runs? What, if anything, gineering methods by which it forest wilderness to the damsite plant over 50 miles of transmis- was Alcan prepared to do to pro- can make regulated releases of and to the tunnelling project r National Park, sion lines, running over high tect the fisheries? These ques- water to the salmon streams, thus from Tahtsa to Kemano. mountains and through deep tions formed the dynamite- saving an annual value to fish-

the main outlet, the "This is the most economical It was proven that the Tweeds- \$10,000,000 in initial surveys and ations are directed from Burns under construction. o river, and by smaller large power site to be found muir Park area, partial head- preliminary construction. The Lake by Morrison-Knudson Com- But what effect has Alcan acanywhere in the world," said the waters of the Fraser river, was company is spending \$500,000 pany of Canada Ltd. This sud-tivity had on the nearest centres west end of this inland aluminum company's president the spawning ground of sockeye weekly, according to the Provin-den activity in an otherwise to the future metropolis of Kitihere it must back against when he first announced the salmon. The debate on this cial government, and this figure quiet, small community, has lit- mat? topic ran heavy, but the final is expected to be stepped up erally turned the village upside- Terrace, 35 miles north and bored through 10 miles of Supplies of petroleum coke used result ended in agreement that sharply.

trater dropped—through present no problem, either, he could survive side by the construction company for tinental CNR line. It seems a has been completed. The grade several years to come.

"natural" that from this point is such that it will be adaptable. For instance, one day a com- a railway to Kitimat will be built,

Tahtsa Lake

Whitesail Lake

down. All available housing and inland, lies in the fertile Skeena box under the mountains, for aluminum smelting should power development and fisheries From the head of Kemano Bay, hotel rooms have been taken up river valley and on the transcon-

pany representative walked up (Continued on Page 18)

"I want to reserve a dozen

Francois Lake

"For how long" asked the "Four years!"

ted to employ 1,000 men this 70 miles west of Prince George, ment as follows: summer and will use a carload of from which point machinery and

"natural" that from this point

How The Plan Will Work

3-10-mile tunnel through Cascade Mountains will drop water from drainage

4-Power plant inside mountain will be capable of developing 1.6 million h.p.

6-Power developed would permit electric smelting of 1,100 million lb. of

Canyon Dam

dominum per year; mean city of 50,000 in five-mile wide Kitimat Valley.

2-Waters in drainage area (outlined) will back up toward West.

5-48-mile transmission line will carry power to Kitimat.

1-NECHAKO RIVER DAM will stop eastward flow.

erea 2,600 feet.

THE "KITIMAT PACT" For the right to establish its \$550,000,000 derhoof, another community on aluminum plant at Kitimat, British Columbia, Alum-The tunnel job itself is expective Canadian National rail line, inum Company of Canada will pay the B.C. govern-

> 1. An applied fee of \$225,000 a year for hydroelectric power.

> 2. The company will pay 10 cents an acre for land flooded by power storage reservoirs.

> 3. The company may establish townsites and will pay land and school taxes on its land.

> 4. Company will pay municipal taxes on company property, and franchise, income and corporation taxes.

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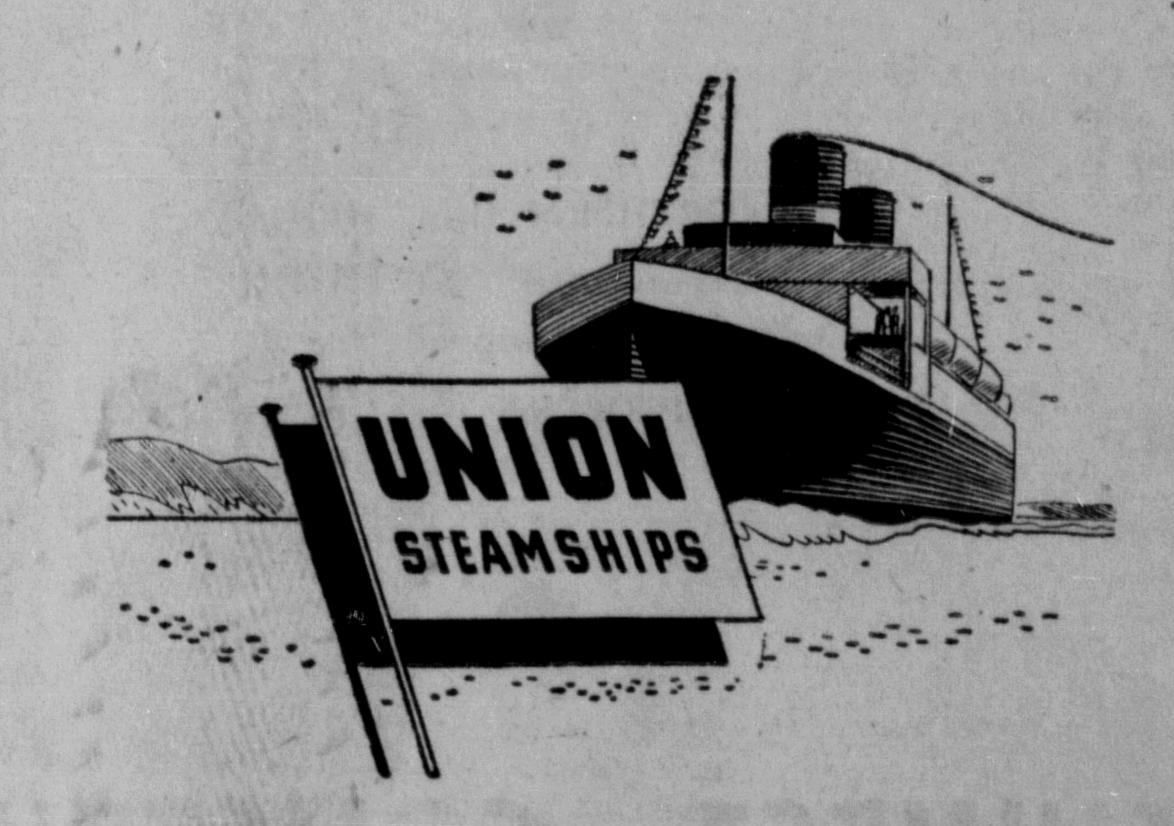
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