# WRAP PIPE

Fort Churchill Finds Novel Use for Prime, Thick Moss

CHURCHILL, Man., Oct. 5. -Though Churchill stands in the barren midst of a northland muskeg area, muskeg is scarce in the vicinity of the new prairie sea harborif prime, thick mossy muskeg is considered. Because of this nearparadoxical fact, the product is to be hauled up from the south to form a protective covering for the unique four-mile pipe line which is to carry water to the community on the shore of Hudson Bay.

Formed of the decayed vegetation of centuries, muskeg has made possible the transfer of water to Churchill from Lake Isabelle and a chain of other lakes to the southeast. Laid on piles and guarded by a heavy layer of muskeg from the sub-zero temperatures of winter, the pipe line will be in full operation next fall, according to the statement of D. W. MacLachlan, Dominion engineer in charge of Churchill development.

Visiting the source of the water supply in mid-September when the first of the moss protection was already being applied, Mr. MacLachlan stated it would be necessary to bring in muskeg from along the 511mile Hudson Bay Railway line. The growth near Churchill, he explained was too thin to make its "skinning" from the ground economical, whereas ten-inch-thick muskeg is plentiful farther south.

The novel plan of an overland pipe-line guarded from the bitter winter temperatures by a product of the north itself was developed when it was found impractical to lay underground piping at Churchill. Frost remains in the ground the year round at the new harbor, and borings have shown that it penetrates as far as 175 feet, even into bed-rock, often regarded as impermeable to frost.

#### Dredging Reservoir

Canada's department of railways and canals is now dredging out an 18,000,000-gallon reservoir near Isabelle Lake, because the majority of the surrounding lakes freeze solid during the long winter north of '58. Five hundred feet long, 200 feet wide, and 20 feet deep, the reservoir will be large enough to supply the requirements of ships and locomotives, the elevator power plant and residents of the town-site to be opened next summer by the prov-

A ten-inch iron pipe in the protective four foot thick layer of muskeg will carry the water, dividing it before it reaches the town into two eight-inch pipes. The pipes will deliver water to two 60,000-gallon reservoirs within the settlement's boundaries, provided with heating and pumping equipment, so that the water may be kept at such a temperature to prevent freezing.

A different system of piping water to the town has won the favor of provincial authorities, who govern the town-site area, but has not definitely been planned for construction. Engineers for the province would prefer to bring the supply from above tide-water on the Churchill river, at whose mouth the settlement is located. This would involve an eight-mile pipe-line on the bed of the river.

Source of further Dominion water supply, if necessary, says Mr. Mac-Lachlan, is a lake 21/2 miles south of the reservoir running into the bay. Its flow, diverted over an eight-foot divide and carried by gravity to the reservoir, would bring a supply four times as great as the Lake Isabelle supply. Moreover, the Dominion development could be worked in with a scheme for a pipe-line from tidewater on the river should such an added supply ever be needed.

The Dominion's use of northland moss to protect their water supply is particularly interesting in view of the fact that greatest difficuly in building the bay line railway from The Pas was encountered in soggy muskeg areas. The trouble was surmounted by laying the steel in the winter when the muskeg was frozen solid, and later "choking", the soft spots when ballasting was completed in warmer weather.

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Northland Navigation Co.'s motorship Norco, Capt. Ekholm, arrived in port at 7 o'clock this morning from Ketchikan and, af- City Last Night Awarded Contract Philpott, Evitt & Co. ter discharging one carload of fro- to Howe & McNulty, the Lowest zen fish for transshipment east over the Canadian National Railways, sailed in continuation of hert voyage to Seattle.

# entered the room with her

The Law was on her husband's side—that Judas who claimed her child. She came to plead for mercyarmed prepared to kill, but then-FATE stepped in to play an amazing role in this great true-life story of war, infidelity, and mother love! word story very pro-MINISTER STATES waters reproductive to a TT AGONIZED her to look back on the days of their courtship. War days, in a Paris empty of gaiety and laughter, bombarded by Other MacFadden

screaming shells-or those happy, carefree times after the Armistice, when Paul-Louis had worshipped his beautiful Gladys, blindly, madly, with all the fervour of the Latin versed in love. Her childhood sweetheart had gone to Italy to fight-Major Leonard Howarden

-and she had done her share in a library for convalescent soldiers-cheering and helping those poor maimed men who ached to forget the horror and degradation of battle. There she had met Paul-Louis, and in the wild peril and terror of bombardment they had confessed their love—the sweeter for so much common suffering.

She had sacrificed all to marry him-her citizenship-her property-content only to be his-to have his love. But he was a gentleman of France. His faithless kisses-his honeyed words outraged her-and yet she forgave again and again. Hating his wayward habits, she loved him still. How could she how could any woman endure such torture and still go on?

She left him, taking the child which the Law declared was his. He followed across the sea to take it back. Her mother heart grew cold and stern with a terrible purpose to keep her boy at the cost of her husband's life. And then the violent climax came that wrung her soul and changed her life-rold in NOVEMBER TRUE STORY MAGAZINE as only this suffering woman can tell it. The story is called HER LORD AND MASTER, and if love and life are dear to you—if you thrill to a tale of battle and action—you will want to read it complete in all its gripping details! Your copy-get it-read it today!

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## Purchases Tools

The city council at its special Prince Rupert Supply Co.. meeting last night opened tenders | Ward Electric .......

for tools for use in relief work and Deal Goes Over the contract for supplying them Deal Goes Over was awarded to Howe & McNulty, the lowest bidder. The bids were:

Howe & McNulty . Thompson Hardware Co. Kaien Hardware Co.

\$481.81 At the speciar meeting of the city 506.24 council last night a letter was received from G. P. Tinker stating ified 515.75 that the Canadian National Railway 545.00 Company would sell the block of 561.90 land along Hays Creek to the city

without restrictions for the sum of one dollar, provided the deal was visional commander of the Salva- ADVERTISING COPY

The original proposal was that the land must be used for park pur-

Progressive merchants advertist headquarters at Wrangell.

Staff Captain Joseph Acton, diratified at the head office of the tion Army for Northern British Columbia and Yukon, and Mrs. Acton . Sopy for display advertisereturned to the city on the Catain & ments should be in the hands this morning after a visit to Can- of the printers not later than yon City and other corps on the # 3 p.m. the day prior to publi-Naas River. They will proceed by a cation. This is necessary to en-

MUST BE IN EARLY train tomorrow morning to the in- + able best positions to be seterior and will leave later for their + cured,