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**Seagram's "83"**  
Canadian Whisky  
Say Seagram's and be Sure

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## Lloyd's Medal Valued Award

By PHILIP RAY

Lloyd's Sub-Agent at Prince Rupert, Lloyd's Medal for Meritorious Service, awarded to Capt. Kurt Carlsen of the freighter Flying Enterprise, is bestowed by the committee of Lloyd's upon ships' officers and others who, by extraordinary exertions, have contributed to the preservation of vessels and cargoes from perils of all kinds.

The medal, now struck in silver and bronze, has changed in design three times since its institution in 1893. The original medal was a bronze star, with blue and red ribbon. In July 1900 this was changed to a silver oval, with blue and silver ribbon. In April 1913 the medal was made circular and bore the crest of the Corporation of Lloyd's, and in June 1933 the design was altered, and the medal now bears the arms of the Corporation of Lloyd's.

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## UNION STEAMSHIPS

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Sunday, Camoun, 11 p.m.

FOR NORTH QUEEN

CHARLOTTE ISLANDS

January 18

ss. Chilcotin midnight

FOR SOUTH QUEEN

CHARLOTTE ISLANDS

ss. Chilcotin

January 11 and 25

FRANK J. SKINNER

Prince Rupert Agent

Third Avenue Phone 568

## Northern B.C. Mining Moving Ahead Again

Fifteen Properties Employing 900 Men—Asbestos Important

From gradual development in the last three years, mining in central and northern British Columbia is entering its richest year and is well established as one of the main industries north of latitude 54.

From a beginning which brought gold-panning prospectors from the south mining developed, then slumped during depression years and only lately has seen revival again in this area. Today there are 15 operating mines employing more than 900 men and several more mines are under way, including much exploration and prospecting work.

Back in the city following a complete tour of mines in his district, Provincial Mines Inspector J. H. Bennett feels northern B.C. is facing a great span of development ahead.

### ASBESTOS

One of the most promising and striking projects is the McDame Creek asbestos property which, says Mr. Bennett, has been worked on all summer and is proving exceptionally high grade fibre.

McDame Creek is located some 50 miles southwest of Lower Post. A highway to the property connecting with the Alaska Highway is expected to be used this summer for trucking out ore concentrates. A mill, however, is to be installed there for refining asbestos for shipment direct to manufacturers.

"Beyond a doubt, this is one of the greatest asbestos finds in Canada," says the mines inspector.

### HAZELTON

Meanwhile, Central B.C. mines are working on a larger scale than ever before. Silver Standard tops the list in this area and last year was the province's second highest dividend payer.

Other mines at Hazelton are the Red Rose and Rocher Debole, operated by Western Uranium. Considerable work was done at the Red Rose last summer and the company hopes to be rolling steadily this winter. The property is mainly tungsten.

American Standard is not yet in operation but shaft sinking is continued and some high-grade ore has shown.

### SMITHERS

At Smithers, Silvan is planning a mill this year for its lead, silver, zinc and gold properties of the old Mamie mine and the Canary Humming Bird, both of which are reported to have shown good value. Silvan is affiliated with Silver Standard.

Milling is expected at the Cronin-Babine mine early this year. The company expects to assemble the mill formerly operated at Zabellos Mines and shipped to Smithers.

Glacier Gulch was shut down during the summer, but a little prospecting is reported going on now.

One of the first influences felt in the mining industry by the approach of the Alcan project is the operation of Emerald Glacier mines. A road from Burns Lake to this property above Francois Lake has been forced through by Alcan giving the mining man opportunity to truck out their ore.

### ALCAN INFLUENTIAL

The road, started by the miners but who were unable to go further because of high cost, now is a good surface highway, says Mr. Bennett, and leads to within three miles of the mine. The ore—silver, lead and zinc—was trucked out and shipped to Nelson to be milled, last summer, but plans are to install the mill at the mine this year.

A new development has been started east of Telkwa with re-opening of the old Cassiar-Crown mine by Transcontinental Resources Ltd. and is now known as the Copper Ridge mine. Diamond drilling and surface work has been done here and the company expects to work on a large tonnage, low grade basis for the base metal deposits.

### NEW DEVELOPMENTS

Other new developments include the Atlin Rafter silver mine and Black Diamond tungsten, also opened recently by Transcontinental; the Gibson Girl mine on Gibson Island near Prince Rupert and copper drilling at Usk.

The Torbrat Silver Mines at Alice Arm carry the biggest single operation in this area, followed by Premier-Silbak, both mines producing steadily. Tulsequah Chief and the Big Bull are operated by Consolidated Mining & Smelting Ltd.

Silver Tip Gold Mines and Premier Border in the Stewart area have been operating at a moderate pace while considerable exploration has been accomplished by a new San Francisco outfit on the Marmot River.

### PLACER GOLD

Only gold of any quantity is being mined at the Noland Plac-

er mine in the Atlin district, which last year produced 9,000 ounces.

This mine is unique in that it is the only underground placer mine of such proportions in North America. Digging is done 20 feet underground where gravel is shovelled from an old river bed. A few other placer mines are worked in this area, mostly by individuals and partners on a small scale.

"The whole picture, however, seems to show a steady increase in production and a definite expansion of the industry, with the greatest jump within the last three years," summarizes Mr. Bennett.

## New Divisional Engineer Here

The appointment of J. H. Spicer as division engineer, Smithers Division, Canadian National Railways, is announced by C. A. Berner, superintendent. Mr. Spicer will make his headquarters in Prince Rupert where he succeeds R. C. "Bob" Davidson.

Born in Moose Jaw, Sask., John Howard Spicer is a graduate in civil engineering of the University of Manitoba, and served with the RCAF during the world war. He began his railway career as an instrument man and later served as assistant engineer at Vancouver and Winnipeg, and as acting division engineer at Port Arthur and Winnipeg.



**SECOND AWARD** — Cpl. Leo Major, 30, of Montreal, who won the Distinguished Conduct Medal in northwest Europe in 1945 while serving with the Regiment de la Chaudiere, has been awarded a bar to his DCM for bravery in action in Korea. The award was for his action late in November when the Royal 22nd Regiment fought thousands of Chinese to a standstill some 40 miles north of Seoul. (CP from National Defence).

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OFFICE

PRINCE RUPERT

B.C.

**CANADIAN NATIONAL**

## Delved Deep Hunting Into Science Tragedy

Canadian Research Covered Wide Field in Past Year

OTTAWA (CP)—Canada's National Research Council roamed widely through the universe of science in 1951. Its experts reached into fields as varied as analyzing the air of distant planets, producing new atomic materials and developing better anti-freeze for car engines.

The council, the government agency for co-ordinating scientific studies, summarized its 1951 work in a year-end statement today, and it indicated defence and defence production were in the forefront of its activities. But the versatile scientists of the council ranged into many other areas.

On the atomic front, the council announced the discovery of two new isotopes—radio-active particles useful in industry and medicine—at the Chalk River pile. These were "Calcium-41" and "Actinium-229," which have a radio-active "half-life" respectively of 120,000 years and 66 minutes.

Whether practical uses have been found for the new isotopes was not indicated.

In its defence work, the council concentrated largely on aerodynamic, building and radar research. For supersonic aircraft development, the council put into operation a wind tunnel with air speeds up to five times the speed of sound.

In the field of radar, the council reported progress—without disclosing details—on its application to artillery fire control and in the detection of aircraft. It said a new design of a medium-range radar used in the Second World War now is going into large-scale production.

With the defence of the north growing in importance, the council continued studies on the best means of building in that area. No specific findings were reported, but the council said plans are being made for a "perma-

BURNS LAKE—A middle-aged woman named Del Olson, who came here some time ago from Prince George and had been working in a logging camp near Tatalrose, fifty miles south of Burns Lake, was the victim of a hunting tragedy.

She was an expert rifle shot and spent her spare time hunting wolves and coyotes. On January 6, she left the Bauman Logging camp armed with a 30-40 rifle but, as she did not return on time, Hans Olsen accompanied by Joe Bauman, went out to look for her. They found her about a

frosty research station at an unnamed location.

In the field of applied biology, N. R. C. scientists came up with some food discoveries.

One was a new method of making citric acid from sugar-beet molasses. Another was a means of improving the flavor retaining qualities of some vegetable oils, though the council noted this was at the expense of some of the nutrition value.

Railway shippers of food will benefit from a few other developments. Construction changes in refrigerator cars' ice bunkers and air-circulation systems will drop their temperature by five degrees. The council said the railways have adopted the innovations.

In its chemistry studies, the council brought out a rain-repellant paint for airplane windshields that already is outselling available production. It worked on fire-resistant paint, moth-proofing of fabrics and the improvement of anti-freeze.

Probing the heavens in the interests of "pure" science, the council's astro-physicists studied, among other things, the atmospheres of the far-off planets Uranus and Neptune. They found hydrogen is abundant in them. Another continuing study was that of the cosmic-ray bombardment of the earth, still largely a mystery to the scientists.

### CITY OF PRINCE RUPERT

## NOTICE

Public notice is hereby given to the electors of the Municipality of the City of Prince Rupert that I require the presence of the said electors at the Office of the City Clerk, City Hall, Fulton Street, on the twenty-fourth day of January, 1952, at ten o'clock a.m., for the purpose of electing persons to represent them as Aldermen.

The candidates should be nominated in writing; the

The candidates should be nominated in writing; the writing shall be subscribed by two electors of the municipality as proposer and seconder, and shall be delivered to the Returning Officer at any time between the date of the notice and twelve o'clock noon of the day of nomination; the said writing may be in the form numbered 3 in the Schedule of the "Municipal Elections Act," and shall state the names, residence, and occupation or description of each person proposed, in such manner as sufficiently to identify such candidates; and in the event of a poll being necessary, such poll shall be opened on the thirty-first day of January 1952, at the Civic Centre, corner of McBride Street and Second Avenue, or which every person is hereby required to take notice and govern himself accordingly.

Given under my hand at Prince Rupert this 10th day of January, 1952.

R. W. LONG  
Returning Officer

## NOTICE TO SUBSCRIBERS

If you have missed your paper, please phone your newsboy. If you do not know your newsboy's name, call the office before 5 p.m.

- ROUTE 1—Alan Laird, Green 153**  
Watts and Nickerson's to Frizzell's Motors; Fulton Street 516-600; 6th Ave. West 600 and 700 Blocks
- ROUTE 2—Ralph Olsen, Blue 728**  
Herman Street; 1430 6th East to Seal Cove
- ROUTE 3—Victor Maskulak**  
1st Ave. West 248-1077; 2nd Ave. West 941-1028 including 9th Street; 3rd Ave. Frizzell's Motors to end of 1st West.
- ROUTE 4—Alvin Nystedt, Blue 638**  
7th Ave. West 704-1427; 9th Ave. West 102-600, 805-801; Fulton Street 700 Block; Tailow Street 805-823; Camoun Ave.
- ROUTE 5—Jimmy McLean, Red 822**  
4th Ave. West 100-445; 5th Ave. West 105-515; 6th Ave. West 308-339; Dunsmuir Street 211-424; Tailow St. 515; Emerson Place; Agnew Place.
- ROUTE 6—Edward Skalsky**  
8th Ave. West 105-537; 9th Ave. East 110-270; McBride Street 113-708.
- ROUTE 7—Peter Brown, Blue 971**  
All of Section 2
- ROUTE 8—Jimmy Johnson, Green 661**  
Waterfront and Pacific Place; (CNR-Fishermen's Floats).
- ROUTE 9—Melyin Bjornson, Green 113**  
3th Ave. East, McBride to Hays Cove Circle.
- ROUTE 10—Richard MacDonald, Blue 339**  
4th Ave. East 237-736; 5th Ave. East 301-719; 6th Ave. East 119-243, 301-626; Hays Cove Circle 62-667; Collie Street 511-516; Green Street 411-416; Ebert Street Young Street.
- ROUTE 11—Leslie Murdoch, Black 285**  
Piggott Ave.; 1st and 2nd Overlook; Herman Place Piggott Place.
- ROUTE 12—Sammy Alexander**  
11th Ave. East 335-1855; Frederick St.; Sherbrook Ave.
- ROUTE 14—Ronny Eby, Green 258**  
1st East 225-247; 2nd Ave. West 137-341; 1st Street 131-225; Market Place; 3rd Ave. Daily News-Nation Motors.
- ROUTE 15—Robert Jensen, Black 955**  
5th Ave. West 635-735, 741-749; Borden Street Fraser Street Biggar Place.
- ROUTE 16—Frank Kilburn, Green 977**  
4th Ave. East 124-234; 5th Ave. East 101-246; 7th Ave. East 108-658; Bowser Street.
- ROUTE 17—Charlie Lindstrom, Green 924**  
6th Ave. West 210-530; 7th Ave. West 129-537; 8th Ave. West 221-528; Lobbins St. 721-723; McBride St. 413-701; Tailow St. 625-733.
- ROUTE 18—Teddy Careless**  
6th Ave. East Block 800; 8th Ave. East 915-976; 9th Ave. East 1000-1144; 10th East 900-1120; Alfred Street Bacon Street; Donald Street.
- ROUTE 19—Jimmy Johnson, Green 661**  
6th Ave. East 870-1140; Ambrose Ave.
- ROUTE 20—Jack Rudolph, Green 721**  
8th Ave. East 1036-1944.
- ROUTE 21—Jimmy Moorehead, Red 335**  
2nd Ave. West 1135-1314; Park Ave. 1005-2279; 11th Street; Water Street; Beach Place.
- ROUTE 23—Larry Parent, Green 487**  
8th West 615-735; Summit Ave.; Taylor Street.
- ROUTE 24—Brian Roberts, Black 480**  
2nd Ave. West 716-3rd Ave. and 6th Street; 3rd Ave. West Daily News-Watts and Nickerson's (5th St.).
- ROUTE 25—Gary Parkin, Green 650**  
6th Ave. East 1141-1476.
- ROUTE 26—Frankie Stewart, Blue 716**  
7th Ave. East 981-1086; 1103 Ridley Home; Hays Cove Ave. 928-1154.
- ROUTE 27—Christopher Harvey, Green 214**  
6th East, McBride—Hays Cove Circle. Hays Cove Circle

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