

LOCAL NEWS

See Lesser's advertisement on page 2.
See Lesser's announcement on page 2.

SEAMEN'S INSTITUTE

Watch out! They are here. Grand opening concert by the Burlesque Band and Concert Party of the C. P. S. M. Seamen's Institute, Thursday night, 8th. —20 cents; reserved 50c. 4790-12-1

Sale on boys' suits and overcoats at our unloading stock sale at Bassett's, 14-16-18 Charlotte street.

Boys' double suit school coats, sizes 8 to 10, only \$2.95 a pair. Percy J. Smith, 411 Main.

Sale on men's and boys' mackinaw coats at our unloading stock sale at Bassett's, 14-16-18 Charlotte street.

St. John Power Boat Club dance Friday evening, December 1. Gala event. 4898-12-3

Cloth fur-trimmed coats at Lesser's. See adv. on page 2.

Sales and bargains on everybody's boots, shoes, and rubbers at Bassett's, 14-16-18 Charlotte street.

Charlotte street Baptist Church party sale, Friday afternoon, 8 o'clock, 140 King street, West. 4898-12-3

See Lesser's advertisement on page 2.

Ladies' mammoth coats greatly reduced at Lesser's. See adv. on page 2.

CHRISTMAS PHOTOS

Let us have your sitting now for your Christmas photos. Come and be convinced of the quality we put into our work. The Reid Studio, cor. Charlotte and King streets.

Ladies' mammoth coats greatly reduced at Lesser's. See adv. on page 2.

SALE

Duke of Rothesay Chapter sale Friday morning beginning at 11 o'clock at Nixon's paper store, King street. Jack Horner pies, Xmas favours, mince meat, plum pudding, candies, etc. 4898-12-3

PRINCE AT WEDDING.

London, Nov. 30. — The Prince of Wales was present at the wedding, at St. Mark's Church, Mayfair, of Lady Joan Maitland, lady-in-waiting to Princess Mary, and General the Earl of Cavan, chief of the imperial general staff. The Prince, who is still limping after his recent hunting accident, was cheered by a crowd and bowed acquaintance with his usual happy smiles. The church was packed with a fashionable gathering.

SEEK ON OCEAN BED CAUSE OF EARTHQUAKES

U. S. Navy Department and Carnegie Institution Join in Use of a New Depth Finder.

Washington, Nov. 29.—The Carnegie Institution of Washington and the Hydrographic Office of the Navy have joined hands in an effort to discover the cause of earthquakes on the California coast by means of a sonic depth finder.

Two American destroyers—the Hull and the Corry—have been equipped with this novel apparatus at San Francisco from which port they are about to start on voyages during which they will make about 7,000 miles of continuous soundings between San Francisco and Point Descenzo on the Mexican coast. They will make a complete map of the ocean floor along the California and Mexican coasts, and it is believed by scientists in Washington that this new survey of the sea bottom, which can be made almost automatically by the newly perfected sonic finder, may reveal the cause and effect of seismic disturbances along the West coast.

The Carnegie Institution and the Navy Department will work in close co-operation on this research expedition. The former has arranged for two of its foremost geological experts to represent the institution on the two destroyers, having detailed Professor Bailey Willis, geologist of Stanford University, and Professor Andrew Cooper Lawson of the University of California, for that duty. Both are authorities in geology and seismology. The Corry is commanded by Lieut. Commander B. H. Bled and the Hull by Lieut. Commander S. F. Helm, both of whom have received special instructions in the use of the new depth sounding device, so that they are well qualified to conduct the tests.

To Map the Ocean Bed.
The soundings will be run on parallel lines approximately at right angles to the 2,000-fathom curve at intervals of five to ten miles, extending from near the shore line as possible to the deeper floor of the Pacific. After obtaining these soundings—and this can be done easily and rather quickly by the new apparatus—a map of the continental shelf from the shore line to the floor of the Pacific will be developed.

The new sonic measurer of ocean depths is the invention principally of Harry C. Hays, physicist of the United States naval engineering experiment station at Annapolis, who made recently a cruise aboard the destroyer Stewart from Newport to Gibraltar during which the device had its first practical application. On that voyage the instrument gave immediate measurements of depths of water across the Atlantic, and, as the deepest found in the Atlantic on the cruise of the Stewart was 19,200 feet, there is practically no limit to the depths that can be found. The device measures ocean depths by automatic registration of the time it takes for sound to travel from the bottom of the naval vessel to the floor of the sea and return.

Professor Lawson and Willis have for several years been studying the cause of earthquakes. The Carnegie Institution became interested in the sonic depth finder when the results of its first practical test by the destroyer Stewart were announced. The navy decided to co-operate with the institution in the scientific research in the question of seismic disturbances. Scientists identified with the Carnegie Institution believe that the successive and severe earthquakes that have assailed so much of the American hemisphere have their origin in the sunken reefing movement of the contiguous coast of California, and that the measurement of ocean depths will reveal that the same is true of earthquakes that have recently occurred along the Chilean coast.

It is probable that after the survey along the Mexican and California coasts has been completed naval destroyers will be sent to the Chilean coast to measure the depth of the ocean floor there and ascertain to what extent there has been a shifting of the continental shelf in connection with the recent Chilean earthquakes.

The Hull and Corry are attached to the Pacific fleet. They were diverted from their regular work and sent to the Mare Island Navy Yard for the installation of the new sonic device. It cost the navy about \$18,000 to install the apparatus in each.

Two methods of obtaining soundings will be used—one for depths up to 640 feet and the other for greater depths. The first is known as the angle method. It uses the ship's propellers as a sound device, and the echo is received in a compassator from the sound receiver. The depths scale is graduated by obtaining several points on a curve when the set is calibrated. After calibration the depths may be read directly from the scale.

The second, or deep sea method, uses the speed of sound in water as a means of measuring the depths. An impulse is sent out on the oscillator. The elapsed time between the sending and receiving of the oscillation is recorded automatically when the echo completes the electrical circuit. The apparatus to be used will be a standard navy sound receiver, a submarine signal company's Pessenden type of sound oscillator for transmitting sound signals and the navy sonic depth finder.

With the old method of dropping the lead it would take about three hours to and the result is equally accurate. The first sounding at the depth of 1,200 fathoms, which was the deepest found by the Stewart on its cruise to Gibraltar. The new method takes about four minutes to measure such a depth, not more.

From Gibraltar the destroyer Stewart proceeded through the Mediter-

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How to feel better

Eat Spaghetti—Heinz Spaghetti—the kind with the delicious tang of red ripe tomatoes perfectly seasoned and spiced and blended with a famous cheese. Eat it often, instead of meat and so many other things that cost more and are not so good for you. It's a real food.

HEINZ Spaghetti

Ready cooked, ready to serve

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From Gibraltar the destroyer Stewart proceeded through the Mediter-

ranon to Chefoo, China, and used the sonic finder in both deep and shallow water all the way. On this cruise to Chefoo the device was put through a most thorough service test and the results were reported by radio to Washington for comparison with hydrographic charts on which depths had been charted by the old method had been based.

Worked Without Error.

These radio reports showed that during the whole of the cruise from Newport to Gibraltar the apparatus on the Stewart worked with no apparent error. The machine obtained rapid and correct soundings at intervals of one minute in the deepest water.

Naval experts believe the outline of the depths along the trade routes should give any number of such submerged landmarks for use in finding a safe passage. The exploration of the sea floor is possible by the use of this new device, which bids fair, in the opinion of hydrographic experts, to revolutionize ocean piloting and navigation.

PLUNDER SQUADS FORMED TO TRAP BERLIN LOOTERS

Robber Bands Begin Their Winter Raids in Many Sections of Germany.

Berlin, Nov. 30.—(By The Associated Press)—The first pinch of winter weather, with its attendant suffering among the poorer classes, has given rise to a campaign of plundering in a number of sections of Germany, and the Berlin police are making special preparations to head off similar disorders here.

"Plunder squads" have been organized, their sole duty being to squish attempts to loot shops. It has been arranged that, upon the outbreak of any looting the suffering tradesmen or any citizen witnessing the outrage shall merely lift the receiver of the nearest telephone and shout the word "plundering," whereupon he will be given immediate connection with the nearest squad captain. Motor patrols also have been instituted in the business sections.

BOOTLEGGING BECOMES A FINE ART IN NORWAY

Christiansia, Nov. 30.—As dryness increases, so in equal ratio does bootlegging. It obtains in the United States, and so, it appears, it does in Norway. Thus in Norway the same phenomenon is observed, to such a point that actually in this prohibitionist country wines and spirits are only one-fifth as expensive as in Denmark, where they enter free, but where the fiscal taxes cause the prices to be higher.



The first and original Cold and Grip Tablet, the merit of which is recognized by all civilized nations.

Be sure you get

BROMO

The genuine bears this signature

E. W. Brown

Made in Canada.

FORMOSA OOLONG TEA

1922 CROP

65c 70c 80c lb

Retail at

Humphrey's Tea & Coffee Store

14 King Street

Phone Main 1785

Around the World

Our Golden Jubilee Cruise marking the 50th year since Thomas Cook, the founder of our organization, conducted his first tour around the world.

Sailing Eastward from New York, Jan. 24. Returning May 21, 1923 by the specially chartered new CUNARD Liner

"SAMARIA"

A gorgeous itinerary with visits at Mediterranean Ports—Egypt, etc.—four weeks in British India, Dutch East Indies, Straits Settlements—Singapore, Manila, China—two weeks in Japan, etc.—30,000 miles—127 days. Full information on request.

A Cruise de Luxe Limited to 400 Guests

THOS. COOK & SON

326 St. Catherine St., West, MONTREAL

STILL ON AND GOING STRONG LESSER'S MAMMOTH CLEARANCE SALE

FOR 3 MORE SHOPPING DAYS

No Exchanges No Approvals No Charges

The cold weather is now here and right in the heart of it you get your clothing and furs at a big discount. We are making special merchandise specials for each of the remaining days. Every purchase here a saving. Space will not allow any more. Come and see the others.

Ladies' Coats

7 Velour Bolivia, Normandy and other materials, all silk lined and interlined, trimmed with fur collars and cuffs. These all exclusive styles. Regular price \$70.00. Lesser's Mammoth Clearance Sale Price \$45.00

65 Ladies' Velour, Bolivia and other materials coats. These are satin lined, interlined and fur collars and cuffs. This lot of coats our full range of \$50.00 coats. These coats sure will please. Lesser's Mammoth Clearance Sale Price \$40.00

30 Fur Trimmed Velour Coats in brown, blue, green and other shades, all silk lined. Regular price up to \$45.00. Lesser's Mammoth Clearance Price \$36.00

31 Ladies' Coats in all the newest shades, and this lot all in duvetyne and velours. Regular up to \$35.00. Lesser's Mammoth Clearance Sale Price \$29.00

32 Special Coats, fur trimmed and full lined. Lesser's Mammoth Clearance Price \$20.00

Mammoth Tailored Coats in all the newest shades, styles and materials \$10.00 to \$25.00. Among these you will find the best assortment in town.

Furs

25 Siberian Wolf Stoles \$6.50 to \$13.30 Raccoon Stoles . . . \$15 and \$18 21 Taupe Wolf Stoles \$13.50 to \$18 Other Stoles in different furs \$10 to \$40. Extra—75 Sealine pieced fur Stoles 12x72 inches long. Lesser's Mammoth Clearance Sale Price \$10.45

4 Only, Russian Pony Coats, Alaska Sable trimmed, good length. Regular \$175 value. Lesser's Mammoth Clearance Price \$100.00

3 Russian Pony Coats—Seal collars and cuffs. Good full widths. Regular \$140.00 value. Lesser's Mammoth Clearance Sale Price \$75.00

6 Electric French Seal Coats, with Skunk Sable collars and cuffs; 40 and 42 inch lengths. Regular value \$200.00. Lesser's Mammoth Clearance Price \$145.00

2 Plain French Electric Seal Coats, in plain trimmed. These coats the biggest bargain yet. Just the real Xmas gift. Lesser's Mammoth Clearance Price \$100.00

Special Values in Ladies' Fur Coats

Only, Russian Pony Coats, Alaska Sable trimmed, good length. Regular \$175 value. Lesser's Mammoth Clearance Price \$100.00

3 Russian Pony Coats—Seal collars and cuffs. Good full widths. Regular \$140.00 value. Lesser's Mammoth Clearance Sale Price \$75.00

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Special

The newest style of 1 only, Hudson Seal Coat, skunk sable fur collar and cuffs. This perfect skin with looks to make one glad to own one like it. Regular value \$500.00. Lesser's Mammoth Clearance Sale Price \$250.00

Special for Friday Only 11 only, Fur Trimmed Suits, in blue, brown, sands, etc. Sizes 16 to 40. These suits regular priced to \$75. For Friday only at Lesser's Mammoth Clearance Sale Price \$32.50

21 Velour Suits in blue, brown and green. Values to \$35.00. Lesser's Mammoth Clearance Sale Price \$7.45

Ladies' Dresses

75 Ladies' Serge, Tricotine and Poirer Twill Dresses. Sizes 16 to 40, in blue and black . . . \$12.75 up 200 other Serge and Tricotine Dresses, 20 p.c. off Regular Price. Any of 75 Silk Dresses in Taffetas, Messaline and other Silks—Lesser's Clearance Sale Price \$11.00

Canton Crepe, Velvets and Velveteens. Among this lot you will see the season's newest styles, shades and a lot of novelty Dresses priced very low. You will easily get satisfaction . . . Prices \$25 to \$40 Extra special value.

100 Canton Crepe Dresses, in all shades. Lesser's Mammoth Clearance Sale Price \$17.75

Store open every evening until 9 p.m. Make sure you are at Lesser's. Look for Electric Sign

ALEX. LESSER'S 210 UNION ST.

'Phone M. 2909

Opposite Opera House



Test Them All There Is No Difference

YOU KNOW the result of the test made on Monday, November 13, at the Imperial Theatre, when Helen Davis and Victor Young compared their art with its RE-CREATION by the New Edison. We proved that there was no difference.

Any Official Laboratory Model in our store will sustain this test. The instrument used at the Imperial on Monday, November 13, was not a special exhibition model. In any home, at any time, the actual RE-CREATION of a living voice may be repeated.

THE NEW EDISON "The Phonograph With a Soul"

We guarantee that any Official Laboratory Model, which you select from our stock, will do everything that was done by the instrument used in the recent test. You may have this phonograph with only a small cash outlay; the balance can be taken care of by our Budget Plan. It's easy to own an Official Laboratory Model. Let us tell you how.

W. H. Thorne & Co.

LIMITED

DISTRIBUTORS

Store Hours, 8.30 to 6.

Open Saturday Evenings until 10.

by 500 per cent. than before the war. Liquors is so well organized in Norway that certain contraband ships are provided, in order to operate without danger, with all possible accessories—wireless, motorboats for delivery—of a boat approaches at night.

Blue Bird Tea

"BRINGS HAPPINESS"

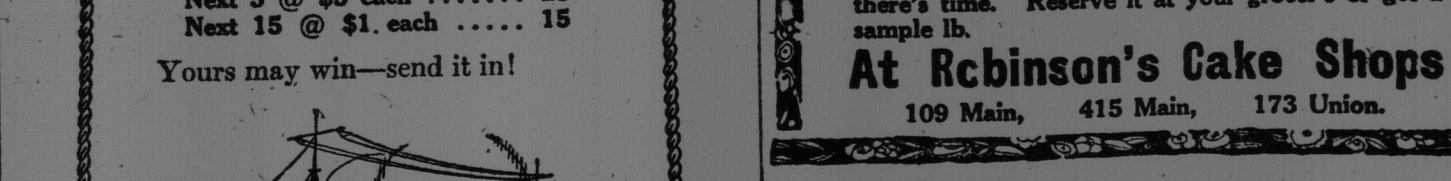
Last Chance to Win \$100

Saturday, December 9, is the last day for sending in your favorite method of cooking fish if you wish to qualify for one of the Cash Prizes.

There's still time to submit your recipe—and it will have just as good a chance as if sent a month ago.

Cash Prizes
Best Recipe \$30
Next 20
Next 10
Next 5 @ \$5 each 25
Next 15 @ \$1 each 15

Yours may win—send it in!



NATIONAL FISH COMPANY

"NATIONAL FISH IS THE NATIONAL DISH"

Tug Boats for hire for harbour and outside towing. All types of marine salvage work undertaken.

Tugs: Margaret A. Hackett Florence J. H. Hackett Katherine K.

For rates apply to

ST. JOHN DRY DOCK & SHIPBUILDING COMPANY, LIMITED

Main Office: Courtenay Bay. Telephone M. 1183.

City Office: Balrd & Peters Bldg., Ward St. Tel. M. 4759.

Towing and Salvage

Tug Boats for hire for harbour and outside towing. All types of marine salvage work undertaken.

Tugs: Margaret A. Hackett Florence J. H. Hackett Katherine K.

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Main Office: Courtenay Bay. Telephone M. 1183.

City Office: Balrd & Peters Bldg., Ward St. Tel. M. 4759.

The Christmas Cake

You Need Not Bake

Once you have tasted a trial pound or half pound of the Visitor Cake we have worked out for Christmas, you'll save your baking energy for other things. Right away you'll decide that here at last is the Christmas Cake that might have been possible, but a risk to attempt.

Twenty odd ingredients, all of them of the purest Christmas stuffs and spices, fruits and nuts, have been blended into the richest mixture ever made to rise in an oven. Fruity, nutty, spicy, luscious—there's a balance and flavor to Robinson's Fruit Cake this year you never experienced anywhere.

And they are all made now, mellowing away so they will have the right nip by the 25th. Since they are made ready so far ahead, reserve yours while there's time. Reserve it at your grocer's or get a sample lb.

At Robinson's Cake Shops

109 Main, 415 Main, 173 Union.

Make This A Furniture Christmas

There is no more popular gift than furniture. Everybody loves good furniture and almost every person has a place for it. Here you will find a furniture gift for every purse.

XMAS DAY IN THE DINING ROOM

Now is the time to select your new dining room suite to entertain your friends on Xmas Day.

Beautiful Furniture for useful Xmas gifts. Ladies' work baskets, smoking stands, willow chairs and rockers,