



New Member Of The Exchequer Court Sworn In
Mr. Justice Louis McC. Ritchie of Saint John, N. B., is sworn in as a member of the Exchequer Court of Canada by Mr. Justice J. T. Thorson, Court President. (CP. Photo).

May Have Solution To Ships' Barnacle Trouble

By ALVIN STEINKOPF
LONDON (AP)—A group of British scientists believe that barnacles, which attach themselves to the bottoms of ships, have been outwitted at last. Barnacles are a kind of shellfish, averaging perhaps half an inch in diameter. It appears they don't like vibration and sound. Tests have indicated that if the steel hull of a ship is made to hum and tremble, a swimming barnacle will look around for a quieter spot. Experiments also seem to establish that the vibrations may be so slight that a human being cannot detect them, with the sound pitched so high as to be beyond the range of the human ear. A structure like a ship or a metal object under water, which to a man seem to be perfectly quiet and stationary, apparently can be made intolerably noisy and full of commotion to a barnacle. On the basis of data assembled by the British Shipbuilding Research Association, a device to cause tiny vibrations and "silent sound" has been made by a marine construction firm. A steel plate supporting a generator and a "transducer" is attached to the inside of a ship's hull, and a switch is thrown. Barnacles seem to lose interest in the ship. The device has been tried on a small ship and on the 17,000-ton liner Warwick Castle. Barnacles have plagued mariners through the centuries. Bodies of barnacles form a crust around the hulls of ships, reducing their speed and requiring much more power to drive on their courses. "Trials with the research vessel Lucy Ashton have shown that even a moderately thick coating of barnacles can increase the resistance to forward motion by as much as 30 per cent," a spokes-

Little Salk Vaccine From United States

OTTAWA, (CP)—Commercial vaccine imported from the United States has been used for less than three per cent of anti-polio inoculations in Canada, federal health officials estimated Monday. Two commercial firms—Parke, Davis and Company and Eli Lilly and Company—have been issued federal licences to import vaccine from the U. S. Federal authorities said that Parke, Davis has been the only firm to sell the vaccine and it has sold enough for less than 15,000 doses. At least 500,000 doses have been administered in Canada with vaccine produced at the Connaught Laboratories in Toronto. Officials said no trouble had been found with the vaccine imported by Parke, Davis and Company. However, neither Eli Lilly and Company would be able to import more U. S. vaccine until the U. S. decided to resume its inoculation program. This resulted from the U. S. action and not from any Canadian ban on U. S. vaccine imports. Wallace M. McCutcheon, Toronto businessman and financier, was elected president for 1955-56, succeeding Lawrence Freiman of Ottawa. He is vice-president and managing director of Argus Corporation, Ltd., Toronto. He also serves as officer and director of several other Canadian firms. Elected as vice-presidents were: S. C. Cook, Winnipeg; W. P. Gilbride, Toronto; Lucien Masse, Hull, Que.; Mrs. Gordon Helman, Vancouver; M. A. Wilson, Halifax. The three-day conference will end today.

R.C.A.F. Picked To Place Wreath

OTTAWA, (CP)—The RCAF has been picked this year to place a wreath at the Runnymede Memorial near London, England, air force headquarters announced Monday. Air commodore A. D. Ross, Winnipeg, air member of the Canadian joint staff in London, will place the wreath today in memory of 20,000 members of the Commonwealth air forces who lost their lives in the Second World War and have no known graves. A different Commonwealth country places a wreath each year at the memorial, unveiled October 17, 1953, by the Queen.

New "Weapon" To Protect Jets

NORTH WEALD, England, (AP)—Britain's latest secret weapon to protect its jet planes leeked out Monday. It's mothballs. RAF officials at the big fighter base here said the camphor capsules were used as a last, desperate measure to scare off the flocks of birds which menaced planes landing and taking off. The mothballs were spread over a 500 square yards area in the middle of the airfield. The vapor fumes irritated the birds' lungs and after a few days they gave the airfield a miss. The dodge is now being tried out at other RAF bases.

OLD KINGDOM
Nathal in South Africa was part of a great Zulu native kingdom when first English settlers arrived in 1824.

Austria May Be Granted Freedom This Weekend

VIENNA (AP)—The last major obstacle to the conclusion of a treaty of independence for Austria was reported out of the way Monday—and the nation may get its long-awaited freedom this weekend. Informed sources said Western delegates to a five-nation ambassadors' conference ironing out the text of the draft treaty presented an acceptable compromise on the future of the Austrian oilfields. It now appears that only a few technical problems need discussion before the foreign ministers of Britain, the United States, Russia and France come to Vienna, as expected, the end of this week. **AGREEMENT TO MEET**
Reports from Paris said Soviet Foreign Minister Molotov has indicated he is willing to leave a meeting of Soviet bloc leaders in Warsaw and meet the Western foreign ministers in Vienna Saturday or Sunday. Feverish preparations for signature of the treaty by the Big Four are being made by a jubilant Austrian government. If Austria gets freedom this weekend, it will be the first time in 17 years she will have been free of military occupation. First the Nazis occupied Austria in 1938. Then the troops of the Big Four occupied her after the war and they have been here ever since. **TEMPORARY DEADLOCK**
In five sessions last week, the ambassadors of the Big Four, meeting with Austrian Foreign Minister Leopold Figl, settled most of the text of the independence treaty. But they were temporarily deadlocked over the oil issue when they adjourned Friday. The oilfields belonged to British and American interests before they were sold—under duress, the oil companies say—to the Nazis in 1938. After the war, the Russians seized them as former German assets and, in returning them now, they have insisted they remain Austrian property. Informed sources said the claims probably will be settled directly between the companies and the Austrian government.

Passenger Service From Liverpool At Standstill

LIVERPOOL, Eng. (Reuters)—Transatlantic passenger service to and from Britain's second biggest port was at a standstill Monday night as a strike of tugboat men tied up more than 70 ships here. The tugmen's strike, now in its fifth day, made this key British port look like a rendezvous point for wartime convoys, with long lines of ships waiting to be guided into and out of docks. Meanwhile, Britain's worst coal strike since the mines were nationalized in 1947 showed signs of collapsing as more than one-quarter of the 85,000 miners, out on strike over piecework pay, returned to work. In the tug tieup here, the strikers, in defiance of their leaders, are demanding a 44-hour week, higher overtime rates and two nights off a week. Leaders of the tug strikers met late Monday with employers and representatives of their union, the 1,300,000-member transport and general workers union, in a bid to reach agreement ending the tieup. **CONTINUE STOPPAGE**
Later, a mass meeting of strikers pledged to continue the stoppage despite an appeal by union leaders to return to work pending negotiations. Twenty-five ships were standing by waiting to enter the port, 18 were waiting to leave, nine were due to change berths within the port, and some 20 others were scheduled to sail up the Mersey

Out Our Way By J. R. Williams



1955 Net Farm Income Down

OTTAWA, (CP)—Poor crops in western Canada cut sharply into net farm income last year, reducing it by about one-third from the previous year. The bureau of statistics reported Monday that net farm income dipped to \$1,125,600,000 from \$1,699,600,000. It was under the post-war average of \$1,611,600,000 and more than \$1,000,000,000 below the record high of \$2,154,500,000 in 1951. During 1954 gross farm income declined almost 20 per cent to \$2,624,700,000 from \$3,226,700,000 the previous year, more than offsetting a decline of about two per cent in farm operating expenses and depreciation charges. Cash income dropped substantially to \$2,377,800,000 from \$2,778,000,000 the previous year, due largely, the bureau said, to lower total returns for field crops and eggs which more than offset increases for sales of livestock and dairy products. **BIG WHEAT DROP**
Wheat was the commodity showing the greatest single drop in cash returns, down to \$322,600,000 from \$654,100,000 the previous year. Farm operating expenses dipped to an estimated \$1,501,500,000 down about two per cent from \$1,528,700,000 the previous year and five per cent from the peak of \$1,582,200,000 in 1952.

Net income by province: 1953 figures in brackets: Prince Edward Island \$12,000 (\$12,900,000); Nova Scotia 900,000 (\$21,500,000); New Brunswick \$29,500,000 (\$28,700,000); Que. \$270,800,000 (\$275,100,000).

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Livestock

TORONTO (CP)—Choice heifers and steers were steady today at the Ontario public stockyards. Good and medium grades sold actively with some sales 25 cents a hundredweight higher. Fed yearlings were slow at steady prices. Cows were active at steady prices with bulls firm to 50 cents higher. The general quality was improved over the past few weeks. Receipts: Cattle 4,900; calves 825; hogs 245; sheep and lambs 108; holdover from last week 500 stockers. Prices: Choice steers, all weights 20.50-21.50; one lot of choice weighty steers 21.75; good steers 19.50-20.50; mediums 16-19; commons 12-16; choice heifers 19-19.25; good heifers 18-19; mediums 14-17; commons 12-14; choice fed yearlings 20.50-21.50; good fed yearlings 19.20; mediums 17-19; good cows 14.50-15; good light heifer cows to 16; canners and cutters down to 8; good heavy bologna hogs 14.50-15; good light butchers to 16; common and medium light hogs down to 10. Replacement cattle: Good stockers were strong at 19-20 with some matched lots up to 20.90; medium stockers 17-19; commons 14-17. Calves were strong at 21-24 with tops of 26 for good and choice yearlings; mediums 15-20; commons 10-15. Hog prices were not established. Good Ontario feedlot lambs sold at 22.50; a few good spring lambs 29; good light sheep 8-10; common and heavy sheep down to 4.



Plenty Of Music From This Group
They had Rhythm—this band did! They placed first in their class with 81 marks. Playing the various kinds of instruments is not as easy as it looks. Perfect time must be kept by all and they must follow the beat of conductor and piano. From left to right they are: Front row: Brenda Lee Mutlow, Susan MacEwen, Dorothy MacEwen, Sandra Lee Wakelin, Joan Bevan. 2nd row: Paula Brown, Ann Hickox, Brenda Archer, Sandra Johnston, Isobel Wheatley, Nancy Myers, Margaret Bell. Back row: Richard Baldwin, Lloyd Shaw, Earl Foster, Barrie Johnston, Brian MacAskill, Harold Bevan, Carl MacKay, Roger Newman. Barter's Film Lab.

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OFFICER WINS MEDAL
OTTAWA (CP)—The Legion of Merit medal of the United States will be awarded Tuesday to Capt. Alexander Fraser-Harris, commander of the Canadian destroyer Nooka in the Korean area, for "exceptionally meritorious conduct" in 1954.

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