

INCO TRIANGLE

VOLUME 24

COPPER CLIFF, ONTARIO, MARCH, 1965

NUMBER 12

Drilling in a Cut-and-Fill Stope, Frood Mine
(Story on Page 2)





Published for all employees of The International Nickel Company of Canada Limited.

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Editorial Office, Copper Cliff, Ont.

Authorized as second class mail by the Post Office Department, Ottawa, and for payment of postage in cash.

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Many "Hats" Worn By George Jarrett In Outstanding Career



GEORGE JARRETT

In February George S. Jarrett, a young-looking 65-year old, joined the growing family of Inco pensioners. Administrative assistant at the Company's executive offices in Copper Cliff since 1964, he had service dating back to 1929.

That was the year he came down from the Hollinger and became Ontario mines inspector for the Sudbury district. "Things were really moving around here then," he recalled, "so when Inco offered me the job of heading up their safety department, I knew I had something good."



Mrs. Jarrett

Relentless foe of unsafe practices during his year as safety engineer George led the way in establishing the basic pattern on which Inco's safety program has so successfully been developed.

With the war years came labor shortages hampering all-out production so George was put in charge of Inco's employment service. Somehow he managed to provide men and women sufficient to keep the mines, mills, smelters and refineries at peak production.

He joined the industrial relations department in 1947, then in later years became an authority on



Spring, always a little reluctant to take charge of the situation in the Nickel Belt, got a traditional nudge one fine day from a group of early skippers who kicked up their heels in front of a snowbank on Copper Cliff's School Street. The girls are Jocelyne Akey, Kathy Briscoe, Patsy Crema and Lynne MacIl, and the boys doing them a good turn with the rope are Larry Corrigan and Billy Gervis.

municipal problems and assessment work.

Born at Verdun, Manitoba, George moved with his family to Weyburn. "We went there two years before Saskatchewan became a province," he recalled.

After attending the University of Alberta for two years his money ran out so for the next three years he worked. "I was with the Department of the Interior working around Lake Athabasca for some time," he said, "and I was around when the Fort Norman oil rush was on too."

Entering Queen's University in 1922 he graduated in 1924 with a degree in mining, then headed straight for the Hollinger and a job underground at \$4.24 per day. Later he joined the engineering staff and progressed to assistant chief engineer. After the great Hollinger fire he returned underground as shift boss and assistant mine captain.

George Jarrett's contribution to the community has been broadly valuable. A member of the Copper Cliff High School board since 1937 he has also been a member of the Copper Cliff town council for several years, serving as chairman of finance. Chairman of the Inco Club in Sudbury for more than 20 years, of the Copper Cliff Club for a dozen years, past secretary of the Sudbury branch of the CIM, member of the Sudbury Airport Commission and of the Red Cross Society executive, are some of the

many "hats" he has worn in his outstanding career of service.

Shortly before leaving the Hollinger in 1929 George married Dolly Joyner. They have one daughter Dorothy (Mrs. C. Davey) of Long Lake, and a granddaughter and a grandson of whom they are very proud and fond.

Enjoying full time their fine summer home on Lake Ramsey's South Bay will be a way of life for this couple at least six months each year now. The remainder will be spent in Sudbury or traveling. "We are going to try apartment living," said George. A motor trip to California is on tap for this coming Christmas.

At a "sellout" testimonial dinner held in Cassio's Venetian Room assistant vice-president T. M. Gaetz expressed the Company's appreciation of George Jarrett's contribution to Inco, the mining industry, and the community, adding that he hoped Mr. Jarrett would remain in the area so that his advice and counsel could be sought.

Other speakers also lauded his ability and energy. He was presented with a slide projector as an expression of the esteem of his many friends.

Of Leks And Gulden

The half-lek of Albania, the 10-gulden piece of Danzig, the 10-drachmae piece of Greece, and the rupee of India are among the world's coins which have been minted of pure nickel.

Appointment

Assistant vice-president T. M. Gaetz, general manager of the Ontario division, announced the appointment effective February 8 of Donald B. Taylor as administrative assistant, Copper Cliff.



D. B. Taylor

in 1959.

Mr. Taylor practised law with a Winnipeg firm until July 1961 when he joined International Nickel's Manitoba division at Thompson as a member of the industrial relations department.

In November 1962 he was transferred to the Ontario division at Copper Cliff as staff assistant, the position he held until his appointment as administrative assistant.

He was married at Winnipeg in 1955 to Joyce L. Nicholas, and has three daughters, Deborah, Caroline and Judith.

Curling, fishing and shooting are his hobbies.

Inco Copper Spread Wins Advertising Award



K. H. J. Clarke (right), manager of Inco's Canadian sales and market development organization, receives the advertising award of The Engineering Institute of Canada from G. E. Humphries, president of the institute, at a luncheon, February 12, at the Royal York Hotel, Toronto. The award was received for the Inco ORC Brand Copper advertisement which appeared in the Engineering Journal, October 1964. In December 1963 Mr. Clarke received a similar award for an Inco nickel advertisement. The award is based on accuracy, information, and attractiveness.

Stainless Panes

Nickel stainless steel foil, rolled to a thickness of only .0015 inches, is used as windows or covers in containers for radioactive materials.



THE VIEW FROM UPHILL at the Lively ski resort is a beautiful one on a bright winter's day. Taken during the annual meet this picture shows some of the young contestants riding the tow to the top of the downhill and slalom courses.



A HIGH-FLYING YOUNG SKIER shows good style as he soars through the air in the jump competition at the Lively-Creighton meet. Bill Podolsky, Ricky Sasseville, Mike Bell and Jerry Yanchuk were the standout performers in this event.

Claudette Legault and Ricky Sasseville Stars of Lively-Creighton Ski Meet

Favored with bright snappy weather and a fall of fresh snow the Lively-Creighton Ski Club's annual meet saw 50 young competitors put on a real good show for proud parents, friends and rivals. Held on February 27 and 28 contests starting at 7 years and under were run off in each of the three events, downhill, slalom and jumping.

Claudette Legault was named girl skier of the meet and Ricky Sasseville the best boy skier.

Other winners were Tim Tuuri, Kerry Ryan, Bill Podolsky, Ricky Sasseville, Claudette Legault, Mich-

ael Bell, Daryl Cock in the downhill; Tim Tuuri, Kathy Ryan, Don Morrison, Rupert Schmitberg, Suzanne Spring, Doug Beech, Claudette Legault and Daryl Cock in the slalom and the best jumpers in their age classes were Bill Podolsky, Ricky Sasseville, Michael Bell and Jerry Yanchuk.

Though the jump was a new feature some of the boys were making leaps of over 50 feet.

Gary Poy was chairman of the meet and had a surplus of helpers among the ski-conscious parents and senior members of this very active ski club.

Alex Bendas

Alex Bendas worked in the leaching, calcining and sinter department at the Port Colborne refinery for 13 years, then in 1950 transferred to the electrolytic department where his occupation has been stripper for the past 14 years. A good workman, Alex always took pride in doing his work well.

Born in Hungary 65 years ago Alex came to Canada in 1926 and did farming in Saskatchewan. A year later he moved to Montreal where his family joined him. For the next nine years he worked for



Mr. and Mrs. Bendas

Fraser Brace and several other contractors. In 1936 he came to Port Colborne and again worked for Fraser Brace during construction of the electrolytic department addition. At its completion in 1937 he became an Inco man. Now after 27 years Alex is retiring on full service pension.

Esther Varga became Mrs. Bendas in 1923 and their family is: Zoltan, on the Inco accounting staff at the Port Colborne office; Alex, an auditor with the TH&B railroad head office in Hamilton; Helen (Mrs. Louis Chonka Jr.) whose husband is the son of an Inco oldtimer and pensioner, Louis Chonka Sr. The Bendases have five grandchildren.

At a gathering in the electrolytic department Alex was presented with a purse of money by J. H. Walter on behalf of his fellow workers as an expression of their respect. J. H. Walter thanked Alex on behalf of the company and extended best wishes for a long and happy retirement.

Nick Pastuch

With his heart giving him trouble Nick Pastuch has taken a disability pension. He had worked at Garson Mine since 1942 and will continue living in that town.

Nick was born in the Ukraine in 1905 and came to Canada in 1930. He farmed out west, worked on the railroad and cut pulpwood near Kenora for five years.

He arrived in Sudbury in 1942 and landed a job at Garson. After three years underground he came to surface to work and since 1948 has been a dryman.

Nick married Mary Dziak in 1928 but she has remained in the old land alone with married



Nick Pastuch

daughter Jean and the three grandchildren.

If his heart condition responds to care and treatment Nick hopes to visit his family this summer. Meanwhile he is taking life easy but missing the gang at the mine.

George Hebert

At age 65 George Hebert may be pensioned but he is far from being retired. "I feel great," he said, "and I've got enough houses lined up to paint to keep me busy for a while."

George came to Inco during the war years and worked at the concentrator at Copper Cliff. Earlier he was with Nordale.

Raised on a farm near Warren, as a young man he worked in bush camps and on river drives all over the north. In 1933 he went as



Mr. and Mrs. Hebert

foreman on the section of the Trans-Canada highway between Warren and Hagar. He returned to the bush for a couple of years before joining Nordale in 1941.

In 1932 George married Anna Sabourin and their family is a large one. Rita's husband Ormas Mailey works at Copper Cliff, Laurette (Mrs. H. Green) lives at Biezard, Helen (Mrs. J. Pertulla) is at Falconbridge, Evelyn (Mrs. W. Nicolas) at Azilda, Claudette (Mrs. B. McKinley) and Patsy in Toronto, George at Stobie, Jackie, Denise and Patrick at home. They have 24 grandchildren.

The Heberts have lived at Azilda for 12 years and like it. George was quite active in the winter carnival held there this year. He enjoys community work, in fact he enjoys any work!

The Front Cover

The dramatically lit scene on our front cover this month is a cut-and-fill stope at Frood mine, photographed by the celebrated industrial photographer, George Hunter.

The miners shown drilling up holes are Leon Chartrand and Alvin Eadie.

Overhead is welded wire screen roof-bolts in position, standard protection in Inco mines where ground conditions warrant its installation. The floor on which the drillers are working is cemented sand fill of sufficient strength to enable scraping of broken ore to the chute.

The stope is about 28 feet wide by 300 feet long and will ultimately be mined through from 1000 level up to 800 level.

TERRIBLE FLIGHT

"Poor Old Jim! He's so nearsighted 'e's working 'imself to death."

"Wot's 'is nearsighted got to do with it?"

"Well, 'e can't see when the boss ain't looking, so 'e 'as to keep on shovelling all the time!"

Inco Will Spend \$100 Million In '65 on Step-up of Activities

The International Nickel Company of Canada, Limited, will spend \$100,000,000 in 1965 in a step-up of its activities, according to the annual report issued by Henry S. Wingate, chairman of the board, and J. Roy Gordon, president.

The Company will produce this year 60,000,000 more pounds of nickel than it did in 1964. This amount is equivalent to almost 10 per cent of the total free world's nickel consumption last year.

The report also noted that Inco is speeding up development of its new Birchtree mine in Manitoba, now scheduled for production in 1967, and is opening three small nickel mines in the Sudbury District — the Totten and McLennan, which will come into production in 1965, and the Kirkwood, which will be producing in 1966.

The new Sudbury district mines will be the Totten, in Drury township, about half a mile southwest of Worthington, between the present Highway 17 and the old highway; the McLennan, in the township of the same name, about 10 miles northeast of Garson; and the Kirkwood, in Garson township, about two miles west of the present Garson mine.

The Company's deliveries of nickel in 1964 were a record 444,190,000 pounds, \$3,460,000 pounds more than in 1963.

\$20 Million for Research

The \$100,000,000 expenditure program for the current year, which will exceed last year's program by about \$30,000,000, was outlined by International Nickel's chairman and president as follows:

- Capital expenditures of some \$70,000,000 to develop the Company's mines for sustained larger output and to exploit opportunities for plant innovations revealed by its process research.

- Expenditures of over \$10,000,000 in worldwide exploration, the highest for any year in the Company's history, which "will permit us to reach a conclusion this year regarding the opening of other new mines."

- Another \$20,000,000 or more to support research on extractive metallurgy and process improvements devoted towards cost savings and the most efficient utilization of all types of nickel ores including the lower grades whose recovery otherwise would not be economically feasible — as well as research on new and improved alloys and products containing nickel, and

market development programs to enlarge future markets.

In disclosing the Company's plan to produce 60,000,000 more pounds of nickel than in 1964, the report noted that "the favorable impact of this is not confined to ourselves and our customers but extends significantly also to Canada's international balance of payments and to the level of employment and general prosperity in the communities where we have our operations."

Earnings Hit New High

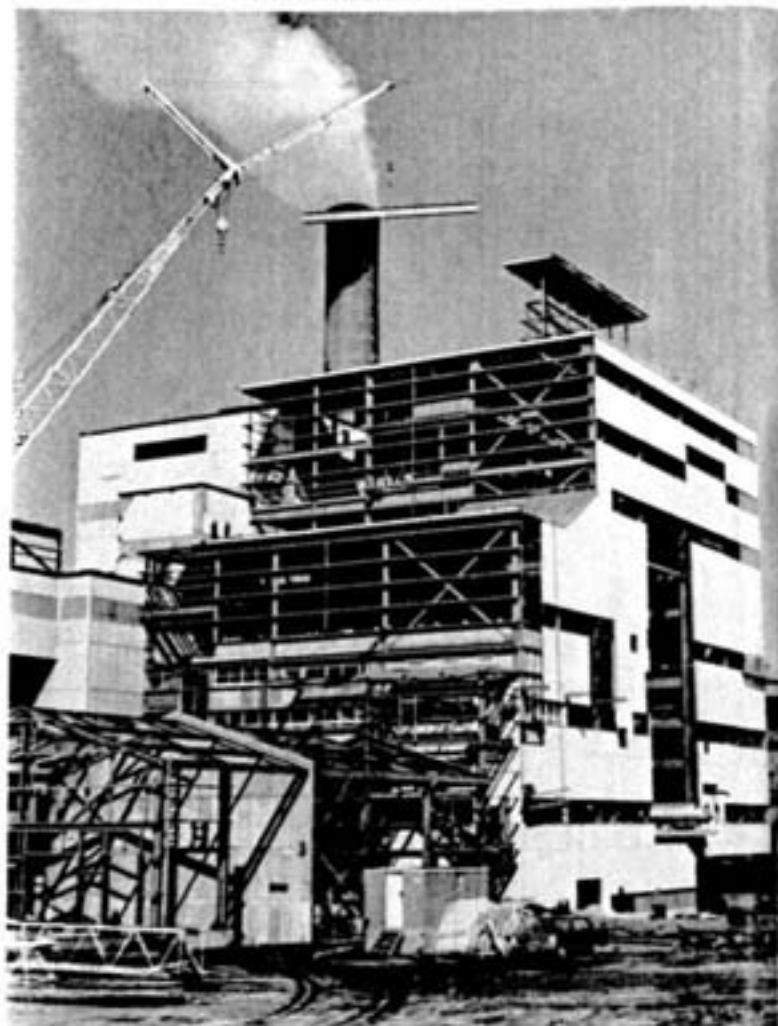
Net earnings of the Company and subsidiaries for the year ended December 31, 1964, were \$135,768,000, in terms of U.S. currency or \$4.59 per share, the highest annual earnings in its history.

Contributing to the higher earnings were increases of 27 per cent in deliveries of nickel, 13 per cent for copper, and 24 per cent for platinum-group metals and gold, as well as improved prices for copper and platinum-group metals and larger deliveries of iron ore and other products.

Nickel Markets Booming

Free world nickel consumption in 1964 rose to an estimated 640,000,000 pounds, an increase of 107,000,000 pounds over the record 533,000,000 pounds of the previous year. The large gain accompanied booming industrial activity in major nickel-consuming countries, with new levels of stainless steel and of alloy steel production.

The report pointed out that: "Part of the increased consumption of primary nickel reflected the necessary 'pipeline' build-up of nickel-containing materials and



CONSTRUCTION OF THE NEW PLANT for commercial production of the higher purity Nickel Oxide Sinter 90 is proceeding at Copper Cliff. Developed in Inco's research laboratories the new product will provide the steel industry with another lower-cost product which can be used in many applications in place of metallic nickel. It supplements Inco's already-established Nickel Oxide Sinter 75, which will continue to be produced and sold.

products in order to serve the increasing rate of orders, as well as inventory accumulations in anticipation of the possibility of labor difficulties in major nickel-consuming industries in the United States."

The annual nickel production-capability of the free world rose to an estimated 705,000,000-725,000,000 pounds, of which producers in Canada account for almost 80 per cent. Inco contributes about 450,000,000 pounds to this capability.

Highlights of Mining

Inco mines and plants in Canada operated at a higher level in 1964 than in the previous year, with the rate of production raised twice to meet increased demand for the Company's metals.

Total ore production from the Ontario and Manitoba mines during 1964 amounted to 16,439,000 short tons. This compares with 13,566,000 tons in 1963.

In the Sudbury District ore production from the Crean Hill mine was started early in the year and reached the planned production rate of 3,000 tons per day during the fourth quarter. Sinking of the No. 3 internal shaft at the Murray mine to 1,170 feet below the 3,000-foot level was completed.

At the Copper Cliff North mine, the driving of drifts from the No. 1 shaft at a number of levels was started during the latter half of the year.

In fill mining operations, the use of cemented sand fill was greatly extended during the year, with resulting economies in timber consumption and increased operating efficiency.

A study was begun in selected locations at the Frood and Levack mines of a modified mining method — designated as "block-cut-and-fill-mining" — which combines the economical blast hole method with cut-and-fill techniques. At the same time, studies were continued on problems in mining at depth at Creighton mine.

What is believed to have been the largest underground blast in the history of mining took place at Stobie mine during the latter part of 1964. The single blast, using low-cost blast hole methods, made available 3,750,000 tons of ore for removal.

In Manitoba development work was carried on throughout the year at the Thompson mine in preparation for future production. Surface installations were advanced at the No. 3 shaft and

NEW CANADIAN "NICKEL"

Enlarged here is the 1965 Canadian five-cent piece which bears a new effigy of Queen Elizabeth II. This Canadian "nickel" is minted of pure nickel, as has been the case (with the exception of emergency periods) since 1922. Since that time, the Royal Canadian Mint has struck 458,450,000 nickel "nickels." Their quality appearance, substantial feel, authoritative ring and prestige are among the reasons why 47 countries have issued pure nickel coins in 162 denominations since 1881. The current world shortage of silver is increasing the use of nickel for coinage.



sinking was scheduled to proceed early in 1965. Work went forward on the 1,400-level main haulage drift which ultimately will connect the No. 1 shaft with the No. 3 shaft and will service the north end of the mine. Preparations were also made for the deepening of the No. 1 shaft in 1965.

Commencement of the development of a new mine, known as the Birchtree mine, for production from Inco's newly discovered ore body in the Thompson area of Manitoba, was announced in early 1964. The temporary surface plant for the development shaft of this new mine was completed during the year and sinking was advanced to 280 feet. The site was prepared for the production shaft and work was well under way on the shaft collar.

At year-end, underground development in the Company's operating mines in Ontario and Manitoba had reached a cumulative total of 2,983,000 feet, or about 565 miles.

Ore Reserves Steady

The proven ore reserves of the Company's mines in the Sudbury District and in Manitoba stood at 303,767,000 short tons at December 31, 1964, with a nickel-copper content of 9,196,000 short tons. At the end of 1963, the proven ore reserves stood at 301,620,000 short tons, with a nickel-copper content of 9,093,500 short tons.

Since its practice of annually reporting ore reserves was first adopted, the Company has followed the consistent policy of reporting only proven ore reserves, that is, blocks of economic ore which have been defined by drilling or otherwise, in sufficient detail and in accordance with our standard practice, to enable accurate calculation of the number of short tons of ore and its nickel and copper content.

Plant & Process Improvements

The development of more efficient production processes continued throughout the year.

A major addition to the oxygen-producing plant at Copper Cliff was undertaken to expand the Company's use of tonnage oxygen in pyrometallurgical operations. Expected to go into production in mid-1965, the new unit—one of the largest of its kind in the world—will increase the plant's capacity to over 1,000 tons per day. Full scale studies have demonstrated that extension of the Company's pioneer use of oxygen in smelting will further improve the efficiency of the smelter at Copper Cliff.

A procedure has been developed in Inco's research laboratories permitting output of a higher purity nickel oxide sinter for direct marketing. The new product, identified as Nickel Oxide Sinter 90, has been produced on a pilot plant scale for commercial evaluation by the steel industry in both North America and Europe. It will provide the steel industry with another lower-cost product which can be used in many applications in place of metallic nickel. Construction of a new plant is under way at Copper Cliff for the commercial production of this product. The new Nickel Oxide Sinter 90 supplements Inco's already-established Nickel Oxide Sinter 75, which will continue to be produced and sold.

The newly enlarged iron ore re-

covery plant went into full scale operation during the year. In addition to increasing the production of high-grade iron ore, the plant permits expanded output of a nickel oxide for use in the chemical and ceramic industries. Sulphur dioxide gas from the fluid bed roasters was supplied to others in greatly increased quantities for production of sulphuric acid.

At the Levack mill, facilities were installed for the recovery of pyrrhotite as additional feed for the iron ore recovery plant.

At the Port Colborne No. 1 research station, studies continued on the direct production of refined nickel from intermediate products. Work was carried forward at the No. 2 station on the extraction of nickel from various types of ores.

At the Thompson nickel refinery, production rates increased during the year by reason of greater efficiency of operations. As the result of the development of a new process for electrolyte purification, further improvements in the refinery are being undertaken which will permit savings in operating costs and will increase refinery capacity.

In the United Kingdom, a modernization project at the nickel refinery at Clydach, Wales, was initiated during the year. This major program, involving installation of new equipment of advanced design, is scheduled for completion by mid-1966.

At the platinum-group metals refinery at Acton (London), alterations were made to the laboratories and new equipment was installed to facilitate the analytical control of refinery operations.

Exploration Was Widespread

Exploration expenditures during the year in the Company's continuing worldwide search for new nickel deposits were \$7,589,000, compared with \$6,433,000 in 1963.

Surface exploration was emphasized in northern Ontario, as well as in Manitoba where sampling of the Birchtree ore body preceded the decision to develop it as a mine. A major program in northern Quebec was continued, as were the exploration programs in the Northwest Territories and property examinations in nearly all of the Canadian provinces. Because of our increased interest in British Columbia, an exploration office is planned for this province.

The underground development and sampling programs at the Thompson mine continued to provide satisfactory results; and in the Sudbury District surface and underground exploration was carried out at the producing mines and elsewhere. At Murray mine, the completion of the No. 3 internal shaft made available the 4,000-level horizon for deep exploration.

Outside of Canada, exploration proceeded at a level comparable to 1963, with programs continuing in Guatemala, the South Pacific, Africa, the United States and elsewhere.

Employees Totalled 30,501

At the end of 1964, the Company and its subsidiaries had 30,501 employees distributed over 14 countries as follows: Canada, 20,910; United Kingdom, 5,848; United States and other countries, 3,743. Fully 3,762 have served more than 25 years and are members of the

Alf Pinaud

Alf Pinaud and Canada were born in the same place, Charlottetown, P.E.I., although it was 32 years after Confederation before Alf appeared on the scene. And while Canada flexes her muscles in preparation for her centenary celebration, Alf is relaxing his to celebrate retirement.

Raised in Sydney, N.S., Alf was working in the steel plant there when he was 15 and recalled that Bill Ripley was working there too.

In 1917 Alf joined the navy and after the war served in the merchant marine. In 1924 he came



Mr. and Mrs. Pinaud

to the Great Lakes and worked as second mate on CPR boats plying between the Lakehead and Port McNicholl. "I sailed there 12 years," he told the Triangle.

"I came to Sudbury with Tom Moore," Alf related. "At North Bay we tossed a coin whether we'd come to Sudbury or go on to Timmins. I'm sure glad that Sudbury won."

Peter MacEachern

Peter MacEachern was an ironworker at the Nickel Refinery in Port Colborne until ill health forced him to retire on a disability pension at the age of 59. He had worked at the refinery since 1934, starting in the electrolytic department and then transferring to the mechanical department. He was a qualified ironworker first class, always performing his duties ably and carefully. Born and raised at New Glasgow, Nova Scotia, he came to Port Colborne in 1928 and worked for Horton Steel and C. S. Boone Construction Company before coming to Inco.

He married Beale Parker in 1929. They have four daughters and one son, Marlon, Shirley, Joan, Lorraine and Michael.

Their many friends wish them a long and happy retirement.



Mr. and Mrs. MacEachern

Company's Quarter Century Club.

At December 31, 1964 there were 3,181 former employees and beneficiaries receiving pensions under the Company's Retirement System and other pension plans.

In September 1964, following lengthy negotiations and a four-week strike, a collective bargaining agreement was reached covering the hourly-paid employees at Thompson. The agreement will expire in 1967.

Outlook Strongly Optimistic

Chairman Wingate and President Gordon conclude the annual report as follows: "Looking to the general conditions affecting our business, we think that in Canada, the United States, the United Kingdom and Continental Europe overall economic activity for the year will be as great as or greater than in 1964. Our business is in the favorable position to cope with shifts of industrial activity in individual areas because our markets are widely diversified both

geographically and by categories of use. Nickel markets are international in scope, and even the largest of the many consuming industries we serve—motor vehicle manufacturing or petroleum and chemical equipment manufacturing—accounts for a relatively small portion of the total nickel demand.

"Our industry has arrived at a new high plateau of nickel demand which we believe in very large part reflects real consumption. We predict that demand on the industry and on ourselves for 1965 will continue to be heavy and that the end of the year will find our market gains on a very solid foundation of further steady future expansion. Demand and prices for our other principal products are also expected to remain strong.

"Altogether, therefore, we look forward to the rest of this year and afterwards with much optimism and we anticipate that 1965 will be another year of very substantial earnings."

BORN 20 YEARS TOO SOON

A judge, whom we shall call Smith, had just returned from a trip to Paris. He said he had a wonderful time and Paris was a grand place. "But I wish I'd made the trip 20 years ago."

"You mean when Paris was Paris?"

"No," was the answer. "I mean when Smith was Smith."



Assistant vice-president F. Foster Todd, general manager of the Manitoba division, makes the trophy presentation to the victorious mine team at the conclusion of Thompson's third annual inter-department first aid competition. They also received travel alarm clocks and cheques. Accepting the trophy is coach Dan Sirois, and to the right of him are captain Doug McKenzie, Ron Bertrand, Joe Teirle, Doug Bloomfield, Roger Mineault and Ron Gryna.

Mine Team Again Takes Thompson First Aid Final

For the second successive year a mine team emerged victorious in the annual inter-department first aid competition at Thompson.

Coached by shift boss Dan Sirois and captained by Doug McKenzie the mine entry took the measure of A. Quemener's team from the refinery and C. Calvert's electrical department squad in a closely fought final realistically staged under the direction of safety superintendent Harry Banasuk. An audience of 150 watched the show in the high school auditorium.

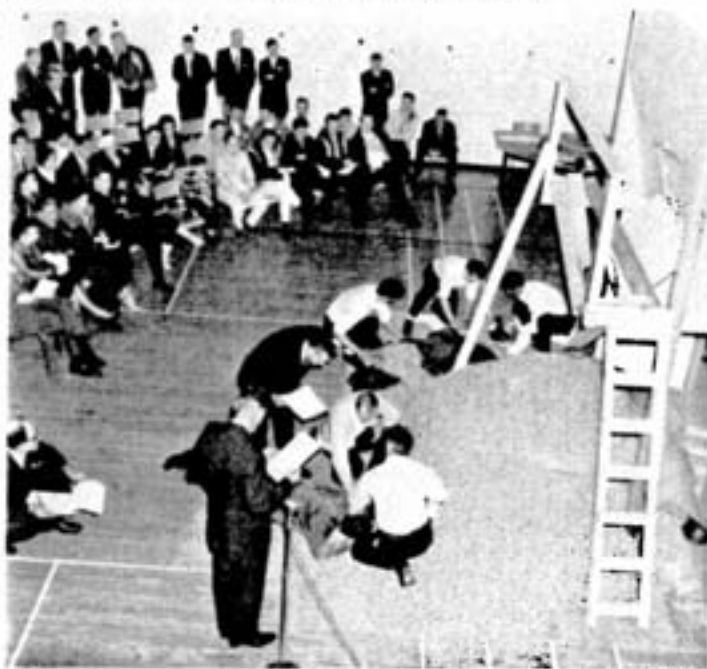
In announcing the judges' decision Dr. J. B. Johnston remarked that the 1965 competition showed a substantial improvement in calibre of performance over the previous two annual tests. The first aid work in general was good, he said, adding that a good knowledge of first aid was essential at work, at home, and on the highway. "Good first aid administered in the initial stage of any injury saves many lives," he said.

In presenting the trophy to the winners, general manager Todd stressed the importance of the first aid training in the plant's general safety program and thanked all who had assisted in staging the 1965 competitions.

Two patients had to be treated in the test problem of the contest, one with a spinal fracture and fractured right foot and another who was buried in gravel from a bin chute and suffered asphyxiation and a fractured jaw.

Members of the Quemener team which won the semi-final between the refinery and the smelter were K. Birlow, coach, R. Moll, captain, D. Kellie, H. Stefanvshin, J. Darlson, L. Cloven, D. Watson. On the Calvert team which won the semi-final between mechanical, electrical and mill departments were C. Calvert, coach, D. McLean, captain, F. Schmidt, A. Cherrv, D. Hamilton, J. Canday, L. Ludwie.

In the elimination contests leading up to the grand finale a total of 31 teams took part, 17 from the mine, three from the smelter, four from the refinery, one from the mill, two from the electrical department and four from the mechanical department.



Here's a topside view of the mine team as it put on the best performance in the three-team Thompson first aid final. Judges were Dr. J. B. Johnston and Dr. H. K. Standing of Thompson and H. Bloy of Winnipeg, safety director of the Mines Accident Prevention Association of Manitoba.

Ambrose Kovacs

Ambrose Kovacs, better known as "Andy," was born in Hungary. He served in World War I and later in the Roumanian Army from 1922 to 1924.

In 1928 Andy decided to try his luck in Canada. He worked for a



Mr. and Mrs. Kovacs

while on farms in Manitoba, then in lumber mills. He came to Port Colborne in 1928 and has been em-

ployed by Inco since that time at the Nickel Refinery. Now he's retiring on service pension, and will have lots of time for gardening and watching wrestling on television.

Gizella Varga became Mrs. Kovacs in 1930. They have two sons and two daughters: Irene (Mrs. Robert Ramey) whose husband is an Incoite with 24 years' service; Margaret (Mrs. Dave Fazeakas) whose husband is also an Incoite with 16 years' service; Steve in Detroit, and Zoltan at Thompson Products, St. Catharines. Both sons are former Inco employees. There are eight grandchildren and six great grandchildren in the Kovacs family.

At a gathering of his workmates, Andy was presented with a purse of money by J. H. Walter, who also thanked him on behalf of the Company for his faithful services, and wished him and Mrs. Kovacs health and happiness for many years to come.

Robert Shields

Robert Shields has retired from the Nickel Refinery at Port Colborne on service pension after 34 years. Born in England 65 years ago, he came to Canada at the age of seven and received his schooling in Moulton, Ontario. He was first employed by the Company during the years 1922 to 1926. In 1930 he returned to Inco and worked as a machineman, telfer-man and cleaner boss in the leach-



Mr. and Mrs. Shields

ing, calcining and sinter department. Due to curtailment of sinter plant operation in 1951 he transferred to the electrolytic department where his occupation has been cementationman for the past 12 years.

Barbara Hertsell became Robert's wife in 1929. They have one son and two daughters: William Clare, in New York; Beverly (Mrs. Robert Lanneval) and Donilda (Mrs. Allen Barless), and four grandchildren in whom they take great pride.

At a gathering a purse of money was presented to Mr. Shields from his pals in the plant by J. H. Walter, who also thanked him on behalf of the Company for his faithful service and wished him and Mrs. Shields health and happiness for many years to come.

John Durisek

John Durisek has retired from the Nickel Refinery at Port Colborne on service pension after 26 years. He worked on farms in Alberta and Ontario before first coming into the employ of Inco in 1937. Due to curtailment he was laid off the following year, but



Mr. and Mrs. Durisek

quickly found work with Fraser Brace until 1939 when he again was employed by Inco in the electrolytic department. For the past 26 years he has been working on the units as tank cleaner and unitman.

In 1924 John married Katie Madors. Their only son, John, died in 1938.

John was presented with a purse of money from his workmates by J. H. Walter, who also thanked him on behalf of the Company for his faithful service and wished him and Mrs. Durisek health and happiness for many years to come.

East Stoneman skipped a Copper Cliff Curling Club rink in a match against one of the Scottish rinks skipped by Duncan Nichol of Thornton Curling Club, a Fifehire farmer and potato grower. The two skips are shown on the tee. The Scottish curlers found the Granite Club ice much to their liking and came up with a whale of a game. The Stoneman rink smilingly absorbed the most resounding defeat of the six matches played.



to play them at their own game, the draw, rather than the knock-out game that had made the Western part of their trip tough going, they could not have been happier. They went to work with a great will and won the series 89 rocks to 53.

A packed gallery of spectators, besides enjoying some beautiful draw curling, had the opportunity to compare results of sweeping with the Canadian style corn brooms against the Scottish brush brooms. The opinion seemed to be that the scrubbing action of the brush broom was very effective in increasing the distance a draw-weight stone would travel but that it was not as effective as the Canadian broom on heavy take-out shots because the rock is travelling too fast to allow the sweeper to exert the proper pressure on the brush.

Charlie Williams

A Welshman who came to Garson in 1928 to play soccer, Charlie Williams has retired on pension.

"Albert Stone was here then and he got me to come out," related Charlie. In that era of good football Charlie was one of the better players.

He was born at Cardiff in 1899 and served in World War I.

Charlie went to Frood in 1930 when Garson closed down and during the second war joined the Veterans' Guard. "I served four years," he said. After discharge he returned to Garson and a job in the plate shop where he worked until retirement.

Alice Marsh and Charlie were married at Cardiff in 1926. Mrs. Williams has two sisters married to well-known Incoites Albert and Victor Stone. Charlie and his wife are presently living with their daughter Betty (Mrs. C. Coombs) in her spacious home near Hanmer.

Next June this couple will make another trip back to Wales, taking with them the eldest of their three grandchildren. "We were back 10 years ago," Charlie said, "and we're really looking forward to this trip."

A man who knows how to enjoy

his leisure, retirement fits Charlie like a tailor-made suit. "I feel great," smiled this amiable pensioner, "and I want to tell you, this is the best life ever."



Mr. and Mrs. Williams

At a party for Charlie his many friends presented him with a set of reclining lawn chairs and an umbrella and also gave him a model granby ore car, a type he had repaired countless times.

Millburn Rollins

Sidelined with a heart condition Millburn Rollins is taking his ease now on a disability pension. For the past couple of years he had worked in the machine shop at Frood and earlier at the Open Pit.

Born and raised at Webbwood, Millburn worked the bush camps for several years while in his teens. "We had some big river drives in those days," he recalled.

For three years in the late twenties he worked at the paper mill in Espanola and when laid off in 1929, came to Sudbury. He hooked up with Fraser-Brace and



Mr. and Mrs. Rollins

helped with the construction of the Copper Refinery.

In 1931 he started with the Company at Frood, spent six months on surface, then went underground and worked in stopes. In 1947 he went to the Frood Open Pit with the shovel gang. Later he spent a few months at Clarabelle, then rounded out his Inco years in the Frood machine shop.

Millburn served three years in the army during the second war. In 1948 he married a hometown girl, Isabella Martin, and they have a very comfortable home in Sudbury's west end.

With his outdoor activities curtailed during the winter months Millburn is looking forward to spring and a little more action outside.

Crown Of Steel

A nickel stainless steel replica of Princess Margaret's diamond-studded crown, 14 feet wide and weighing 2,500 pounds, is on display on the roof of a hotel in Bermuda. Hand made in Canada of the gleaming steel, at a cost of more than \$20,000, the crown took eight men one month to build.

Scottish Curlers Masters of Draw

"Will ye no come back again" was the auld refrain echoing through Sudbury Granite Club after the 39 touring Scottish curlers had boarded their evening plane for Timmins.

Playing against rinks representing the Northern Ontario Curling Association the Scots revealed themselves as masters of the draw game and won four of the six matches. They also proved to be delightful company in the locker room and at the banquet board, and left strong ties of curling fellowship in their wake.

Despite their arduous trans-Canada tour in defense of the Strathcona Cup the Scots were fresh and full of pep as they took to the Granite Club ice, about which they were highly complimentary. When they discovered that the NOCA rinks had elected



Alex Godfrey and Bill Taylor, the latter president of Copper Cliff Curling Club, were members of the Stoneman rink along with George Norman.



Alex Godfrey, who was doubling as new president of the Sudbury and District Chamber of Commerce as well as an Inco official in welcoming the guests, was right at home among the broad Scottish accents, being originally from the Auld Sod himself. Here he chats with George Kellock of Kirkton Farm, Auchtermool, By Kirkcaldy. On the right two brow Scots, David MacArthur and John Torrance, demonstrate the scrubbing motion used with the Scottish brush brooms.



Inco Family Album



Delegates from Port Colborne to this month's Inco family conclave are Ed and Carole Mitchell and their young ones: Bruce, 8 months, Janet, 5½, and Mark, 4½. An electrical engineer, Ed was transferred to the Port Colborne plant from Copper Cliff in January of last year.

Ten years ago this proud papa was a member of the great Sudbury Wolves "Kid Line" and today still plays hockey regularly with the "Oldtimers". Yacker Flynn of the accounting department at Copper Cliff, pictured here with his wife Sue and daughters Cheryl, 7, and Elaine, 5, also has a big hand in kid hockey at Copper Cliff. The Flynn's live in Lively and are bowling enthusiasts.



This is Mike Samulak of Frood and his wife Regina, with Christine who is attending Teachers' College at North Bay, Elizabeth, 14, at Marymount College, and 12-year-old Ted, a zone winner in the grades 7 and 8 oratorical contest representing St. Hubert's. The Samulaks live in the west end of Sudbury.



Fred Schmidt, Thompson electrician, is a keen movie camera fan and likes bowling and fishing while his wife Theresa is an avid softball enthusiast and plays in the ladies' league. But what they both like best of all is their family: Robert (black bowl), 7, David, 5, and Debra, 8.



A few days before this picture was taken on March 1 Mrs. Fox returned from a trip to her native Holland and reported that spring was already there with many bulbs in flower. Her husband Alex works on the Creighton 5 shift time office staff and their wide-eyed daughter Jacqueline, just three months old, is a delight to both of them.



Young Christine Gattoni missed by one day being a Valentine baby. She marked her eighth birthday on February 15. Her father Dick is a long service carpenter at Copper Cliff, and he and her mother are very proud of her and her brothers, Richard, 14, and Donald, 12. This happy family enjoy summer living at their Fairbanks Lake camp.



Ed and Mariette Poirier of Levack and their brood of five make a happy family group. The youngsters are Pauline, 3, Lucien, 7, Rheal, 9, Claude, 4, and Guy, 6. An Inco man for 15 years, Ed is a junior shift boss in the mine. He was captain of the Levack first aid team that won the Parker Shield in 1962. His wife is an ardent bowler.

Electrolytic Department "Right in There" in Port's Safety Drive



Steadily gaining ground in its plant-wide drive to improve its accident prevention record, the nickel refinery at Port Colborne has shown a big improvement during the past two years. Typical of the enthusiasm and co-operation which has won the wholehearted approval of manager W. R. Koth is the safety attitude in the electrolytic department where superintendent Bert Lindenau is leading a vigorous campaign. Personal contacts, job demonstrations, new safety installations and first aid training are all part of the program. The above picture shows assistant superintendent Harry Saxton conducting a demonstration of the Scott Air-Pak, assisted by John Tascher, for a group of electrolytic department men, Maurice St. Louis, Peter Topolinsky, Donald Wintemute, Henry Cook, Merrill Sherk, Bud Lee.



THE RIGHT WAY

ABOVE: A typical job demonstration, in which employees receive regular "refresher" courses in the correct way of performing their various jobs, is seen here in progress in the electrolytic department. Foreman Art Shaubel is outlining the procedure and equipment necessary to safely transfer sulphuric acid from storage tanks to mixing tanks. This is a "dry run" prior to Marcel Gingras actually performing the job. Left to right are Stafford Lessard, Jean Cormier, Carl Roy, Gerald Crites, Cal Peyton, Art Shaubel, Marcel Gingras (in protective hood), Aurele Gagnon and Al Teal.

FIRST AIDERS IN ACTION

LEFT: Training hard for the Port Colborne plant inter-department first aid competition on March 24, the electrolytic department team is shown here completing the splinting of a fractured thigh. The team is training under the direction of foreman Pat Clements, who was a sick bay attendant aboard HMS Uganda during World War 2. Team members shown are John Finnegan, Joe Wajda, Bryan

Albert Forcier

Albert Forcier had worked at Froid-Stobie since 1937. He is now relaxing at home on a service pension.

Born on a farm just below Montreal, Albert was raised in Rhode Island where his parents farmed for many years.

They moved to New Liskeard in 1919 where Albert worked on the farm or in the foundry until coming to Sudbury in 1937.

He started at Froid working first in the stopes and later joining the motor crews.

He has been a motorman on 1200 level at Stobie the past 15 years. "That Stobie's a good place to work," he said.

Jean Vignette and Albert were married in 1931. Their two daughters are married to Stobie men, Yvette to John Young and Constance to Uric Berthelot. Their son Ronald attends school in Sudbury; they have six grandchildren.

Long-time residents of Sudbury Albert and his wife plan to continue living here. Come spring Albert says he may get a light job to put in the time.

Albert Forcier

Earl Benner

Earl Benner was born in Port Erie on May 2, 1912. Eight years later his family took up residence in the town of Port Colborne where Earl attended public and high school. His one and only job has been with International Nickel Company at the Nickel Refinery and all of his 35 years' service have been in the mechanical department where he has worked as a masticman, electric welder, ironworker leader and for the past nine years as ironworker boss. Earl was a quiet man, doing his duties carefully, always obliging and willing to co-operate with all. A heart condition slowed him down somewhat of late and he agreed with his doctor's suggestion that a disability pension was a wise move.

In 1934 Earl married Eunice Agnes Gardner. They have two sons, Ray and Garry, and eight grandchildren.

Best wishes are extended to them on behalf of their many friends for long and happy retirement.

Sewell, John Campbell and Pat Gilday, with Art Shaubel and Pat Clements; the patient is Lloyd Bolog. Three other teams will compete in the Port Colborne first aid final, anode department, mechanical department, and research department. For the first time the winner will go to Copper Cliff to enter the semi-final contest for all Ontario division surface plants on April 9 with the Duncan Finlayson trophy at stake. Victorious team in the Finlayson event goes on to do battle for the R. D. Parker Shield April 23 against the winner of the Herman Mutz trophy from the mining division.



Ernest Krizan

Now comfortably retired on service pension Ernest Krizan had worked at Frood since 1933. "I started on 2,800 level," he said "and I finished there. Most of the time I worked as a nipper."

In Czechoslovakia, where he was born in 1909, his father owned and operated the village flour mill. Ernest worked in his father's mill both before and after service in the first war.

In 1927 he arrived in Canada, worked a short time in Montreal, then went to Hamilton and a job in the car foundry. He came to Sudbury in 1930 at the height of the depression and managed to pick up odd jobs until starting at Frood in 1933.

Ernest is still a bachelor and lives in Sudbury's west end with his niece Mrs. Psiuk, whose husband Alex works with the mechanics at Copper Cliff.

In good health Ernest is really enjoying retirement and he can now spend more time with his three grand-nephews and one grand-niece. This along with helping his brother in his grocery store, working the garden in summer and taking long walks in winter all help make a full day for this happy pensioner.



Ernest Krizan

Jean Jalbert

Jean Jalbert has retired on disability pension. He drove haulage trucks at Clarabelle since the plant started operations and earlier had been at the Frood Open Pit.

Jean is a local boy, born at Sudbury in 1905 and raised at Naughton where his father ran the general store.

He worked for his dad until 1936; then teamed up with the



Mr. and Mrs. Jalbert

contractors who were developing roads to start mining the great Frood Open Pit.

In 1942 Jean started with Inco at the Open Pit, put in several years on service and haulage trucks and also worked in the tire shop. During a cutback in 1946 he worked for a year at Garson.

In 1933 he married Helen Boulice. Their daughter Diane is the wife of Ernest Gravelle of Copper Cliff, and son Wayne is in Sudbury. They have one grandson.

Right now Jean is taking things easy but this summer hopes to get some light work. "The days are pretty long when you don't do anything," he said.



Miles Tokarek, filter operator at Copper Cliff mill, with a display of some of the plastic ornaments he produces as a hobby, hand-carving the stone moulds and doing the casting and tinting himself.

"What Do You Do," Moans Mil's Miles, "When the Hobby Takes Up the Man?"

What started out 20 years ago as a hobby with Miles Tokarek has crowded him out of his recreation room and keeps him awake nights wondering how he can cope with it.

When Miles first tried his hand at casting plastic ornaments it was to produce lawn and garden decorations for himself and some of his friends.

He gradually became expert at hand carving the stone moulds and then after a good deal of experimenting came up with his own formula for mixing a very durable plastic that will withstand all kinds of weather and abuse. He developed his natural artistic talent so that finally he could turn out a more beautiful peacock than the peacocks can.

He produced golden pheasants, partridge, flamingoes, a total of 15 different varieties of birds.

He got into ornaments for television lights. He learned how to create three-dimensional effects in framed wall decorations, then hit on the idea of producing them with interchangeable parts so the scene could be changed a bit when its owner took the notion.

"I had a lot of fun with my hobby," said Miles. Coming home from his shift at the Copper Cliff mill, where he has been a filter operator for 24 years, he looked forward to an hour or two down in his rec room, working on a new mould or making a few casts.

What Miles didn't notice was that the rec room was gradually filling up with flaming flamingoes and interchangeable pine trees until there was hardly any room

left for his wife and children. One day Mrs. Tokarek put her foot down, gently but firmly. Miles could stay but it was out, out, out, for his plastic menagerie.

So Miles put up a building at the back of his house and moved his hobby in there, and the domestic crisis passed.

Then a couple of months ago, along came the handicraft show at which Sudbury and district craftsmen were invited to show their wares. Miles put in a fine display of his plastic ornaments, of which he is naturally quite proud, but he was hardly prepared for the re-

sponse from buyers for souvenir and novelty shops as well as from some of the chain stores. How soon could he supply 500 peacocks? What delivery date could he give on 1,000 golden pheasants? When could he deliver a 20-foot apple tree in full blossom for a motel lobby?

Miles had sold a few pieces now and then but he had never given a thought to anything like this.

Now, with neither the time to do the work himself nor the capital to set up an enterprise, Miles tosses and turns at night plagued by the thought of all that business going begging.

"They say every man should take up a hobby," he laments, "but what do you do when the hobby takes up the man?"

I. P. Klassen Presents Paper on Thompson Operations

Of unusual interest to Sudbury branch members of the Canadian Institute of Mining and Metallurgy was the paper on Inco's Thompson operations presented at the February meeting by I. P. Klassen, chief metallurgist. Ample illustrated with colored slides and drawings the address traced the development of the Thompson project

from the exploration stage through construction to production, and also gave a good account of the modern townsite and its facilities. Mr. Klassen is shown here (second left) receiving congratulations on his fine presentation from Inco mines superintendent G. R. Green, the institute chairman, J. H. Fraser of Falconbridge who thanked him on behalf of the branch, and J. R. Feick of Copper Cliff who introduced him to the audience.



Felix Kontilla

Taking an early service pension will enable Felix Kontilla to spend half the year now enjoying life at his Windy Lake summer home.

A shaftman, he helped sink 5 shaft at Creighton and was also shaft inspector there before moving to Levack in 1938.

At Levack he helped complete 2 shaft including cutting stations, pockets, etc., then went on as shaft



Mr. and Mrs. Kontilla

inspector and later as shaft inspector leader. The last six years he worked as powderman on surface.

Felix came from Finland to Montreal in 1926 and worked first on a power line project in northern Quebec. Next he went with a CPR extra gang near Chapleau then worked as carpenter around Montreal until 1934, the year he came to Creighton.

In 1930 Felix married Alma Rautiskoski and they are a very happy couple. "We lived at Levack from 1938 until 1964," said Mrs. Kontilla, "and we were very sorry to leave." They now live in Sudbury.

They plan a trip back to Finland next year. "We were back in 1957," said Felix, "and enjoyed it."

Nick Kajganich

Nick Kajganich is another Frood oldtimer now enjoying retirement. He had worked at Frood since 1931 and was popular with the men.



Mr. and Mrs. Kajganich

Born in Yugoslavia at the beginning of the century Nick landed in Canada in 1927, headed west and got a job in a logging camp near Prince George, B.C. Later he worked four years as a coal miner around Nanaimo.

Drifting to Sudbury in 1931 Nick got on at Frood and after a few weeks on surface went underground. "I worked on all the lower levels," he said.

Leaving the stopes in 1948 Nick worked as level timberman the next 10 years, then went as tippleman at the 1,000-level crusher. "That's a good job," he smiled.

Katy Susich and Nick were married in 1923. They have two sons, Joe at Niagara Falls, Mike attend-

ing Laurentian University, and three grandchildren.

Nick made a trip back to Yugoslavia in 1962 and may go again this year. "I feel good," he said.

This winter he has been taking life easy, visiting with his many friends in the Donovan area and generally enjoying life.

Nick Makaieff

Nick Makaieff from the reverbs furnaces at Copper Cliff has taken a disability pension. A recently diagnosed heart condition made this a wise move and Nick is now taking things easy. "I haven't much choice," he grinned.

He is thinking of moving back west to live since both he and his wife, the former Lydia Becking whom he married in 1933, are from western Canada. "I have a brother in British Columbia," said Nick, "and we may go there."

Born at Brandon, Nick was raised in Saskatchewan and farmed around Kamsack until 1937. "Things got really tough then," he recalled. "I managed to get a few odd jobs and do a bit of farming until I came here in 1941."



Mr. and Mrs. Makaieff

His first job in Sudbury was with Crawley-McCracken, then after a couple of months he got on at the smelter. Nick worked on the copper reverbs and as he said, "I've done every job but tap."

Nick and his wife have a neat, comfortable home in the Lockerby section of Sudbury and a camp on the French River. A keen man with rod or gun Nick hopes his heart condition won't interfere too much with these pleasures.

Stif Ivanic

Away back in 1926 Stif Ivanic decided to leave Czechoslovakia where he was born and emigrate to Canada, the land of high hopes for many a young man. He came directly to Port Colborne but could not find a job there so off he went to Port Erie where he worked for a while during construction of the



Mr. and Mrs. Ivanic

Peace Bridge. His next job was with the Foundation Company in northern Ontario.

He returned to Port Colborne in

41 Rinks in Frood-Stobie Bonspiel

With one of the largest entries to date, 41 rinks, Frood-Stobie's annual curling bonspiel went into the record as another dandy. Highlighted as always by good fun, good food and good guys, some pretty keen curling was also displayed. Dick Williams was the very capable drawmaster for the three-day event and with Eldred Dickie and company handling the many other details everything went slick as a whistle.

Top curlers and first event winner was Charlie Pitt's rink pictured here with Stobie assistant superintendent Dave Lennie who made the presentation; John Killah, Vern Brown and Art Maki are the other team members. The Frank Jay rink of Norm Miles, Orville Hopkins and Terry Oke took runner-up spot.



In the second event Ron Scott skipped his rink of Les Thornton, Gerry Marcotte and John Lavery to a win over Arne Langille's quartet of Herman Sathendek, Henry Vendette and Norm Bell. The Scott rink is pictured here with Clarabelle superintendent Norm Creet (centre).



Don Stephenson was the winning skip in the third event and his mates were Ed Moore, Bill Ronnelli and Bob Close. Here they are with Frood engineer Ted Goddard who made the presentation. Runner-up was Al Demkiw's rink of Richard Maki, Pat Scanlon, Michel Murphy.

1927 and found work on the Welland Ship Canal. In 1928 Stif Ivanic landed a job at the Nickel Refinery and for the past 35 years has worked in the leaching and calcining department. He was an oxide dryer burnerman and enjoyed his job. "I'd like to have stayed on," said Stif, "but I took my doctor's advice and retired on a disability pension."

Before leaving Czechoslovakia Stif married Zuzana Kosturik and she accompanied him to Canada.

The Ivanics have two sons, Paul, with Inco since 1952, and John in Chicago.

It is hoped that Stif's health will improve and that he and his wife will long enjoy their happiness.

Supersonic Rivets

Rivets used to join the wings, surfaces of supersonic jet aircraft are made of a special, extra-strong stainless steel containing 24 per cent nickel.



Assistant vice-president F. Foster Todd, general manager of Inco's Manitoba division, is shown above escorting Hon. W. M. Benidickson on an underground tour at Thompson mine.

Mr. and Mrs. Benidickson were escorted on a tour of the Inco hospital at Thompson by nurse Joan Davoren, and expressed admiration of the handsomely designed institution and its highly specialized facilities. Picture on the right shows their smiles as they looked through the observation window of the nursery at a fine crop of young Thompsonites. They also took the opportunity, with members of their party, to fly to Harding Lake, about 70 miles from Thompson, to visit the winter camp of a federal topographical survey party under the leadership of J. V. Brown, and are shown as they paused for coffee in the cosy cook tent.



department where he performed the duties of furnaceman, gas producer and Mond reducer operator. Prior to his retirement due to a heart condition he worked in the mechanical department. He was regarded as a conscientious and safe worker.

In 1931 Rufus married Jennie Woodward and they have two sons



Mr. and Mrs. Foley

and two daughters: Joan (Mrs. Ramo Falconi); Marie (Mrs. Fred Czernysz); John and Aubrey in Port Colborne. Nine grandchildren complete the Foley family.

Their many friends hope that Rufus' health will improve and that he and Mrs. Foley will enjoy a long and happy retirement.

END OF CEREMONIES

The little old lady entered the department store. Instantly a band began to play, an orchid was pinned on her dress, she was handed a \$100 bill and found herself being photographed from all sides and taken before the TV camera.

"You are the one-millionth customer," the master-of-ceremonies beamed at her. "And now can you tell us what you came here for today?"

"Why, yes," the little old lady said. "I'm on my way to the complaint department."

Rufus Foley

Rufus Foley, who has retired on disability pension after 15 years' service with the Company at Port Colborne, was born in Nova Scotia. Before coming to Inco he worked in the lumber camps and at the Electro Metallurgical Company in Welland. During his employment with the Company he worked in the leaching, calcining and sinter

Distinguished Mines & Technical Surveys Party Sees Inco-Manitoba

The importance of Inco's Manitoba nickel operations in the great Canadian mining complex was underscored by an official visit from the federal minister of mines and technical surveys, Hon. W. M. Benidickson, the deputy minister, Dr. W. E. van Steenburgh, and a distinguished group of their top aides. Flying from Ottawa in a DOT Viscount they were met at Thompson airport by Inco officials headed by executive vice-president James C. Parlee of Toronto. They made a complete tour of the Thompson mine and plant, the new Birchtree mining development, and the model town, commenting enthusiastically on all phases of the world's only fully integrated nickel operation. Mrs. Benidickson and her sister Miss Kathleen Richardson of Winnipeg accompanied the party and enjoyed the warm hospitality arranged with the special Thompson touch for their visit.



By coincidence the luncheon given for the party at Inco was the last formal meal to be served in the plant cafeteria before that link with the plant construction era was torn down. Dr. van Steenburgh, the deputy minister of mines and technical surveys, is shown here with executive vice-president Parlee, and (backs to camera) general manager Todd and mines superintendent H. P. Boucher.



Assistant vice-president L. S. Renzoni, manager of process research (Canada) chats at lunch with Dr. John Convey (centre) director of the Mines Branch, Ottawa; Dr. K. W. Downes (right) chief of the extraction metallurgy division of the Mines Branch; and (back to camera) Ben Brandt, superintendent of research, Thompson.



In this luncheon group are Dr. Y. O. Fortier (left), director of the Geological Survey of Canada; R. R. Taylor, Inco assistant chief geologist and chief geophysicist; Dr. S. C. Robinson, chief of the economic geology division of the Geological Survey of Canada; J. K. Diebel (back to camera) chief geologist Inco Manitoba division.

THIS WAS THE HEAD TABLE GROUP at the rollicking retirement banquet they gave for Pete Toppazzini at the Copper Cliff Italian Hall: seated, Ann Boyd, smiling Pete himself, John Robertson and assistant mechanical superintendent Jim Metcalfe; standing, Bill Chisholm, George Falcioni, Jimmy Shrigley, Frank Morgan, Orval Hickey, Charlie Marcolini, Bill Pakkala.



Pete Toppazzini

Pete Toppazzini was a pretty popular guy around the welding shop at Copper Cliff and when he left last month on early service pension the boys threw quite a party for him.

Pete had worked with the mechanical department for 30 years and was a welder from 1936 until retirement.

In 1923 Pete came to Copper Cliff from South America where his parents emigrated after the first war. Right now Pete and his wife are enjoying a holiday trip back to South America and en route are taking a look at Bermuda and other resort areas.

Pete worked at the smelter in 1923, quit the following year, was rehired in 1926 and quit again in 1931. By 1933 he knew when he had a good thing so came back to Copper Cliff, joined up again at the smelter and shortly afterward moved over to the mechanical department.

Best-known member of the Toppazzini family is son Jerry, former Boston Bruin stalwart presently plying his trade with Pittsburgh. His brother Zello, another pro hockey player of note, is coaching the college team in Providence, Rhode Island. Other members of the family are Teddy in Montreal, Norma (Mrs. P. Halowski), and Delphi (Mrs. E. Williams) of Elliot Lake.

Joe Lamothe



Mr. and Mrs. Lamothe

moved to the flash furnaces.

Della Chartrand and Joe were married in 1927 and they have a fine large family. Gertie's husband Danny Lafontaine works on the blast furnaces at Copper Cliff, Rita (Mrs. E. Lauzon) is in Sudbury, Jeanine (Mrs. E. Guindon) in Wahnapiatae, Rolande married Claude Lafontaine of Garson, Patay also married a Garson man Lionel Foley, and son Raymond works there, too. Vivian is Mrs.

The Toppazzinis plan to continue living in Copper Cliff which has been home to Pete for almost 40 years.

Clarence Leishman

Clarence Leishman is thoroughly enjoying the life of an Inco pensioner. Before taking an early service pension late last fall he had worked many years with the transportation department at Copper Cliff.

A locomotive engineer, Clarence was on the slag run the last three years and earlier had served on most of the other runs in the area.



Mr. and Mrs. Leishman

"I started with the line gang in 1936," he recalled, "and after about six months transferred over to transportation."

The Leishmans are very proud of their family, son Chuck in particular. In 1963 he graduated from the Royal Military College at Kingston, was commissioned in the famed Black Watch and is presently serving with them in Ger-

many. He had been a member of the Copper Cliff Highland Cadet Corps for nine years.

Others in the family are Tom with the Bell Telephone in Espanola, Ann (Mrs. B. Buckland) of Ottawa and two grandchildren. Mrs. Leishman was Maude James before her marriage in 1928.

Before coming to Sudbury Clarence had spent several years as a locomotive fireman, milk route driver and Detroit assembly line worker. He was born at Almonte, Ontario in 1901.

Three years ago the Leishmans made a trip to Florida and hope to go there soon again. In the meantime Clarence is taking life easy, missing the gang at work but loving the new leisure.

Seagoing Wine Vessel

Fitted with 26 tanks of nickel stainless steel, the modern marine tanker S. S. Angelo Petri of the United States Intercoastal Fleet is designed to carry 2,412,185 gallons of wine in a single trip.

Pledges His Eyes For Use After His Death



April will be proclaimed "Pledge Your Eyes Month" in Sudbury and district with all citizens invited to give serious thought to participating in this modern medical miracle. The local Eye Bank committee is arranging to have booths set up in several convenient locations where anyone interested may obtain information about the Eye

Bank of Canada, and how and where to pledge their eyes. Pamphlets from the CNIB will also be available. Pictured here, Neil Bray of the mechanical department at Copper Cliff, anxious to make a gift of his eyes when he is through using them, beat the opening campaign gun by completing the simple formality with forms and information provided by CNIB board member A. E. Browne, Inco personnel officer at Copper Cliff.

Ports Finally Post Win in Third Annual Encounter



An all-star team from the Port Colborne Inco industrial hockey league finally took the measure of a Sudbury district team, 5-2, in their third annual encounter after two previous defeats. The Ports jumped into the lead after three minutes of play on an unassisted goal by Fred Pearson and at one time led 5-1. Picture shows three players from each team: on the left Port Colborne's Butch Skuto, Fred Pearson, Paul Cook; on the right Sudbury's Kelly Size, Chris Crowder, Ken Thibault.

Frank Seguin

Frank Seguin worked on tramming crews at Frood for over 30 years, the last dozen on the 2,800 level 4 to 3 shaft ore tram. Early this year he left on disability pension but finds it tough just lazing around. "I like to work," he declared. "I'm used to that."

Born at Warren in 1909 Frank recalls that he was raised up and down the CPR line, his father being section foreman until 1919.



Mr. and Mrs. Seguin

That year they settled in Sudbury in the house next door to where Frank has lived the past 28 years.

Frank got a job at Creighton 3 shaft rockhouse in 1925 but quit in 1929. Later that year he started at Frood.

Among other underground jobs he helped excavate the 6 shaft hoistroom on 2,800 level before joining the tramming crews in 1935. He was a level boss and trammer boss for many years.

Mrs. Seguin was Emilianna Pilon before their marriage in 1932. They have eight sons and daughters plus 16 grandchildren; Alma (Mrs. A. Blais), Conrad and Germain are in Sudbury while Frances (Mrs. J. Nault), Simone (Mrs. V. Laporte), Yvonne (Mrs. L. Lajoie), Raymond and Roger are all in Toronto.

During the past winter Frank and his son catered to the local Ski-Doo craze by renting out the several snow buggies they own. Frank said that bookings were sometimes a full two weeks in advance.

In summer the family camp on the French River is where Frank plans to spend much of his time.

Warren Davison

Warren Davison's continuous service with the Company dates back to 1926. He actually began to work for Inco in 1924 but due to reduction of force was laid off from May to September in 1926. Now after 38 years' service Warren



Mr. and Mrs. Davison

is leaving his position as foreman in the anode department at the Nickel Refinery in Port Colborne to take his doctor's advice by



THE GIRLS' CHORUS from no. 1 public school at Lively received 85 marks for their rendition of "Come Lasses and Lads" in the school chorus competitions in the annual music festival. Here they are, all 50 of them, angelic of voice and countenance, performing beautifully under the guidance of Lively's music supervisor for schools, Mrs. Marguerite Dixon.

Accordionists Again Big Festival Feature

Take the last week of February, gradually add several thousand young competitors, blend in three adjudicators, secretaries, expeditors and a host of other helpers, sprinkle lightly with a partisan but appreciative audience, pour into three large auditoriums, bake for six days (and nights) and presto! you have Sudbury's 20th annual Kiwanis Music Festival.

Of the many hundreds of entries in the festival the largest proportion by far was entered in the school choir, piano and accordion classes with the latter showing a continuing increase in popularity that has been evident in recent years.

During the week-long event more than 60 trophies, shields and other prizes were awarded and in addition 13 scholarship awards were presented at the Festival final concert at which outstanding contestants are featured.

In addition to young Nick Czerwinc, who won the International Nickel Company \$250 scholarship, winners of the other major awards were: Suzanne Aubin, talented young pianist who won the Saul Silverman Memorial scholarship of \$300, Wayne Pichette, pianist, the Sudbury Star scholarship of \$150, vocalist Lynn Blatchford the Falconbridge Nickel Mines scholarship, also \$150, and young pianist Jim Spark who captured the \$100 Doran's Northern Brewery scholarship.

With activities centered at three locations, two at the Legion Memorial hall and one at the Library auditorium, three adjudicators were required. They were

going on disability pension.

Warren was born and raised in Humberstone Township. After leaving school he worked one summer for the Crystal Beach Company, then came to the Nickel Refinery. His knowledge of the operation and ability to lead earned him a promotion to sub-foreman in 1948, a post he held until he was appointed foreman in 1954.

Gladys Schoures became Warren's wife in 1926. They have one son and two daughters: George of Ridgeway; Elizabeth (Mrs. Leon-

For the second year in a row a brilliant young accordionist won the \$250 International Nickel Company scholarship at the Kiwanis Music Festival. Young Nick Czerwinc, 15-year-old son of Creighton's Ivan Czerwinc, was this year's winner and is pictured here with Inco division comptroller D. E. Cowcill who made the presentation. A student at Sudbury High School Nick has been studying the accordion for the past six years.



Edna Marie Hawkin of Montreal, Gerald Rutledge of London and Toronto, and Francis Cameron

from England. Festival chairman was K. Kallila of the Lockerby Kiwanis Club.

Ten budding young accordionists, grade 4, gave the "Angels Serenade" quite an airing at the Sudbury Public Library auditorium, one of the three locations festival adjudications were held. John Aho of Garsden, one of the ten, is intent upon his fingering in this picture.

Compacting Components

The electronic systems of rockets are packaged in compact plastic blocks, each little more than two inches square and containing some 140 components welded together by pure nickel wires.

Atom Smasher Chamber

The world's largest atom smasher, at the Brookhaven National Laboratory in New York, has a vacuum chamber a half-mile long made of a special nickel-chromium alloy.



Northern Ontario Championships Held At Stanley Stadium

With 26 clubs sending representatives — the largest entry in several years — the 16th annual Northern Ontario figure skating championships at Stanley Stadium, Copper Cliff, produced a fine show for devotees of this graceful and often dazzling sport.

It was the first time the event had been held at Copper Cliff since 1949.

Dr. Brent Hazlewood of Copper Cliff was one of the panel of eight judges appointed by the Canadian Figure Skating Association to adjudicate the competitions.

Skaters from North Bay took

Morris Curlook, who with Norman Carscadden was co-chairman of the Northern Ontario figure skating championships.

Wendy Piccolo, pretty and popular young Levack skater, is shown performing a spiral in the junior ladies' figures.



home the lion's share of the championship trophies.

Co-chairman for the auspicious event, which was quite a feather in the cap of the Copper Cliff Skating Club, were Morris Curlook, president of the CCSC, and Norman Carscadden of Sudbury, chairman of the Northern Ontario section of the Canadian figure skating

championships. Secretary was Mrs. Bea Stephens and treasurer Mrs. Marg Yeo. The Copper Cliff club professionals, Nelson Bellmore, Donna Kennedy and Alfred Digby lent valuable assistance.

Active on committees handling the arrangements were Miss Marguerite Boyle, Mrs. J. Metcalfe, Mrs. P. Duffy and Mrs. P. Jacks, registration; Art Closs, accommodations and programs; Mr. and Mrs. Frank Neville, music; Mrs. M. Curlook, J. Metcalfe, Mrs. W. Salo and Mrs. A. Vagnini, general details.

The Copper Cliff Skating Club was congratulated by the visiting officials on the smooth organization of the meet and its outstanding success.

20 New Scholarships Are Awarded by Inco

The International Nickel Company of Canada, Limited has awarded 20 new scholarships in engineering, science, and mathematics to students at 20 Canadian universities for the 1964-65 academic year.

The awards have a total value of about \$90,000 based on a four-year course, and are part of Inco's broad program of aid-to-education in Canada. Since 1956, when the present program was initiated, Inco's over-all educational grants have totalled over \$7,000,000.

The annual maximum value of each award is \$1,200 which provides for tuition fees, plus \$300 to the recipient and a grant of approximately \$500 as a cost-of-education supplement to the university.

Awarded on a one-year basis, the scholarships are renewable for three additional years, providing academic standards and conduct requirements set by the university are met.

Four female students are named in the Inco list of scholarship winners this year. They are Rosemarie Fletcher, 21 Lynwood Avenue, Ottawa, a science student at Carleton University; Denise Schweitzer, Algrove, Sask., attending the University of Saskatchewan; Grace Miller, Timmins, Ont., a first-year science student at the University of Western Ontario; and Elizabeth Gervais, Belle River, Ont., presently enrolled in the honours mathematics course at the University of Windsor.

Other winners include: David L. Gue, of Edmonton, Alberta, attending the University of Alberta;

Clark Howard Weaver, of North Surrey, B.C., attending University of British Columbia; Randolph S. Barkhouse, of Newport, N.S., attending Dalhousie University; Pierre Lavigne, of St. Paul de Chesler, Quebec, attending Laval University; Bruce Wesley Goodwin, of Winnipeg, Manitoba, attending University of Manitoba; Marco Fernando, of Outremont, Quebec, attending McGill University; Robert O. Marks, of Toronto, Ontario, attending McMaster University; James D. Leonard, of St. John's, Newfoundland, attending Memorial University of Newfoundland; Pierre Bessette, of St-Basile-leGrand, Quebec, attending University of Montreal; Maurice Tagwell, of Sackville, N.B., attending Mount Allison University; John Brian Williston, of Bay du Vin, N.B., attending University of New Brunswick; Pierre Stefan Ladouceur, of Penetanguishene, Ontario, attending University of Ottawa; Kenneth E. Kisman, of Wahnapiatae, Ont., attending Queen's University; Michael Lapalme, of Magog, Quebec, attending University of Sherbrooke; Michael Dennis Nutt, of Oakville, Ontario, attending University of Toronto; Richard Vernon Davis, of Halifax, N.S., attending Nova Scotia Technical College.

William Kingston

William Kingston who recently retired from the precious metals department at the Port Colborne plant on early service pension, worked for the company 29 years. He was born in Port Colborne and after leaving school worked for the Maple Leaf Milling Company, Boone, Construction and City Service.

In 1936 Bill came to Inco. He worked in the Monel and machine shops until 1944 when he transferred to the p.m. department as an operator. His knowledge of the operation earned him promotion to foreman in 1960, the post he held until his retirement.

At a gathering in the precious metals department, William was presented with a purse of money from his fellow workers as a farewell gift. J. H. Walter, assistant manager, thanked him on behalf of the company and expressed the wish that he would long enjoy his retirement.

Nickel For Thermostats

More than a million pounds of nickel are used each year to manufacture thermostats. Nickel alloys are used because they produce different coefficients of expansion as the amount of nickel in the alloy is varied.

"You can build up your child's resistance to colds by giving him cod liver oil," says a physician. This will also build up his resistance to cod liver oil.



Barbara Davies and James White, shown here winning the junior mixed dance, were among the North Bay contingent which won several championships.



A charming young pair, Carol Ann Farrell and Debbie Guidolin of Timmins, won the novice ladies' dance.



Jane Class and Susan Metcalfe of Copper Cliff wear big smiles of relief as they come off the ice after completing their performance in the junior ladies' dance, in which they placed second.



Real crowd pleasers are these two young Copper Cliff club skaters, Susan and Merry Carscadden, who placed second in the novice ladies' pairs.

Thompson Skiers Enjoy Fine Facilities at Gravel Pit



Although their slope is laid out on a gravel hill which may some day be dug out from under them, ski enthusiasts at Thompson have a thriving club that's making the most of its opportunity in a land where skiable heights are few and far between. Pictured above is the main run, 700 feet long with an 180-foot vertical drop, equipped with rope tow, jump, slalom course, and lights for night skiing. Current membership is 60 and a drive is on to increase family participation at a fee of \$30 for the season. Even in 25-below-zero weather buffs of all ages are out in force; shown on the right is Don Cameron with his tiny skiing daughter Patty.



Vice-president of the club is Frank Newman of the Inco electrical department, shown taking off on the tow watched by his camera-toting wife Marianne and daughter Francisca. Among much-appreciated donations to the club from the business community were the use of an electric motor and rope by International Nickel and a clubhouse by the Kimmen. Other club officers are past president Fern Fortin, president Garth Nelson, secretary Dorothy Merkley and treasurer Pete Kargl.



Club president Garth Nelson, manager of the Bank of Nova Scotia, gives lessons to beginners twice a week "although I'm only doing the job for want of someone better qualified". He first became interested in skiing five years ago in Edmonton. Fred Hartman is also a volunteer instructor. Looking to the day when their gravel slope will be needed for concrete as Thompson continues to grow, the ski boosters have eyed a fine hill off the Moak Lake road that could be beautifully developed if an access road were built.

which to hang crucifixes.—Defender.

Our character is but the stamp on our souls of the free choices of good and evil we have made through life.—Geikie.

Joe Rajcevic

Joe Rajcevic has retired on service pension from the shearing department at Port Colborne with Inco service dating from 1942. He worked previously in the leaching and calcining building and in the electrolytic department.



Joe Rajcevic

Coming from Yugoslavia in 1924, Joe got his first job on a farm in Manitoba. That same year he came to Port Colborne and worked for the Northern Construction Company on the Welland Ship Canal.

Joe first worked for Inco from 1928 to 1931 but was laid off due to curtailment. In 1942 he again entered the employ of the Inco refinery and has worked as a cathode shear operator and shear laborer for the past 14 years.

Joe has made two trips back to Yugoslavia to visit with his son. Now with plenty of time he plans to take a trip again this summer.

At a gathering of workmates, Joe was presented with a purse of money by J. H. Walter, who thanked him on behalf of the Company for his faithful services and wished him health and happiness for many years to come.

QUOTES

Success is getting what you want; happiness is wanting what you get.—Dale Carnegie.

All great alterations in human affairs are produced by compromise.—Sydney Smith.

An unforgiving person is little more than a row of hooks upon

These Were Winning Rinks at Carson

Carson Mine Athletic Association's fifth annual curling bonspiel was one of the best to date with an entry of 19 rinks and Stan Todd as drawmaster.

First event winners was a foursome of Ray Knoll, John Mallin, George Hudac and Ken Lindsay, who received propane torches. Stan McKibbin's rink was the runner-up.



Popular pensioner Jack McIver took the third event from Harold Strutt in a tight game that required an extra end. Other members of the winning team were Floyd Laking, Andy Dines and Leo Demers.



Another well known pensioner Ed Mills was vice-skip of the Strutt rink. The McIver team picked up rivetting guns as their share of the loot.



This threesome represent the second event winners. Left to right they are Ken Glibbery, Fred Kamula, Oliver Ellis; missing member is Harry Williams. Prizes for this event were lightweight sleeping bags. Bob Lanktree skipped the runner-up rink.

NO COMPLAINTS

After saying no words for six years, the baby son finally said to his mother at breakfast:

"Mom, the toast is burnt."

His amazed mother shrieked joyfully:

"Junior! You talked. How come you never talked before?"

"Well," Junior replied evenly, "up to now everything's always been okay."

Know thyself is right good advice, but it's more fun to watch the rest of the folks.