

INCO TRIANGLE

VOLUME 29

COPPER CLIFF, ONTARIO, APRIL, 1969

NUMBER 1



Slick Chicks at the Ice Show

(Story on Page 4)



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

D. M. Dunbar, Editor
D. J. Wing, Assistant Editor
Editorial Office, Copper Cliff, Ont.

Material contained in Inco Triangle should not be reprinted unless permission has been obtained from The International Nickel Company of Canada, Limited, Copper Cliff, Ontario.

French Interests and Inco Sign Agreement On New Caledonia

A group of French industrial, financial and government interests and The International Nickel Company of Canada, Limited signed an agreement in Paris March 14 for the establishment of a new French nickel-producing company in New Caledonia.

The agreement, which was approved by the French government, was signed by Jean Morin, president of Samipac, the holding company representing the French interests, and by Albert P. Gagnebin, president of International Nickel. The accord establishing the company — Compagnie Française Industrielle et Minière du Pacifique (Cofimpac) — was preceded by a declaration of common intentions signed late in 1967.

Upon the favorable completion of the feasibility study period already under way, Cofimpac would construct, in one or more stages, facilities capable of producing up to 100,000,000 pounds of nickel annually from oxide (lateritic) ores on the Pacific Island.

Total expenditures through the initial production phase could be in excess of \$200,000,000 (one billion francs) of which about \$8,000,000 (40 million francs) would be for the feasibility study period, which is partially completed.

Mr. Morin pointed out that Cofimpac could become an important nickel producer a few years from now and that it will bring substantial benefits to France, New Caledonia and nickel consumers.

Even without waiting for the negotiations to be finalized, Mr. Gagnebin noted, the joint team from the French government bureau of mining and geological



Drawn for the Triangle by Ross Longul

"For Heaven's sake, George, put out that light and go to sleep!"

research and Inco were conducting geological studies of properties of the future mining domain of Cofimpac. Substantial tonnages of New Caledonian oxide ores have been shipped to Inco's process research laboratories and pilot plants, where they have already been metallurgically treated on a semi-industrial scale.

"This cooperative work," Mr. Morin and Mr. Gagnebin said in a joint statement, "is an excellent beginning. We are extremely confident that by working together in this fashion on all levels, we will be able to face and resolve the challenges of the feasibility period and move on successfully to the establishment of a major nickel-producing operation."

Elected Gen. Manager Guatemalan Project

Frank M. McAteer has been elected general manager of Exploraciones y Explotaciones Mineras Izabal, S.A. (Exmibal) by the company's board of directors, it was announced March 26 by Albert P. Gagnebin, president of The International Nickel Company of Canada, Limited.

Exmibal, a majority-owned subsidiary of International Nickel, is



F. M. McAteer

planning to establish mining and processing facilities, at a cost of some \$180,000,000, in the Lake Izabal area of Guatemala. The project is designed to produce 50 million pounds of nickel in a nickel-containing product annually.

Robert C. Boone will continue as administrative manager of Exmibal and Lic. Gabriel Biguria Sini-baldi as legal counsellor, Mr. Gagnebin reported.

Mr. McAteer has been associated with Inco since 1934. At the time of his transfer to Guatemala in 1962 to commence a new assignment as operations manager of Exmibal, he was assistant manager of mines in the Ontario division. During the past eight years he has headed up exploration works, preliminary construction activities and mining studies for Exmibal.

Was Levack Superintendent

Born in Kenora, Ontario, he attended the University of Toronto where he majored in political science and economics. On graduation in 1934 he joined International Nickel at Frood mine. He was transferred to Creighton as a foreman and remained there until 1949, during which time he became

assistant superintendent. He returned to Frood in that capacity, and then in 1951 moved to Levack mine as superintendent. He was appointed assistant to the manager of mines in 1961, with headquarters at Copper Cliff.

He was married at Kenora in 1935 to Isabel Wickstrom, and has one son and one daughter.

Mr. Boone, who has lived and worked in Latin America for 17 years, joined Exmibal in 1961 as administrative manager, and since then has been primarily responsible for the Company's relations with the Mining Department, the Ministry of Economy and other branches of the Guatemalan government, as well as for the coordination of its legal and other public relations services.

Lic. Biguria has served as interim general manager of Exmibal since 1961, devoting his activities largely to the legal aspects of the organization.

Director Is Named to Executive Committee

G. Arnold Hart, a member of the board of directors of The International Nickel Company of Canada, Limited, has been elected a member of the board's executive committee, it was announced by



G. A. Hart

Henry S. Wingate, chairman. Mr. Hart is chairman and chief executive officer of the Bank of Montreal. He has been a director of International Nickel since 1961.

Mr. Hart, a resident of Montreal, holds directorships in numerous companies. Among these are the Bank of London & Montreal, Limited; Canadian Pacific Railway Company; Cominco Limited; The Steel Company of Canada, Limited; Sun Life Assurance Company of Canada; Canadian Caniners, Limited; and Canadian Investment Fund, Limited.

RELAX

Ask not for whom the bell tolls. Don't get yourself in a stew. As long as you can hear the clang. Relax; it's not for you.

Frames Boated Deep-Sea Fishing Trophies

On a vacation trip to Puerto Vallarta, Mexico, senior research engineer Archie Frame and his wife Madeleine, of Copper Cliff, topped off exciting deep-sea fishing experiences by boating these two 100-pound sailfish. "It's the thrill of a lifetime — hooking a sailfish," said Archie. "As soon as he strikes he tears away with your line for about a hundred yards, then makes great spectacular leaps into the air. He's a real fighter."



Inco president Albert P. Gagnebin and French holding company president Jean Morin are shown in Paris as they signed the formal agreement for establishing a new French nickel-producing company in New Caledonia.



INCO FAMILY ALBUM



Dennis Levert has worked in the Copper Cliff smelter's FBR building since he joined Inco in 1964. As handy with a hockey stick as he is with the pumps he tends on the job, Dennis plays left wing for the Converter Hornets in the Copper Cliff shift league. Both he and his wife Rollande were born and grew up in Sudbury; their bright young children are Dennis jr., 6 months, and Carole, 3.



A maintenance mechanic 1st class in the mill at Thompson, Leo Cyr became a member of Inco's Manitoba division in 1964. Here he is with his wife Edie and their nice-looking family: Leona, 11, foster child Randy, 1, Leo jr., 6, Wanda, 8, and Judy, 9. Leo's hobby is taxidermy.

Edward Kirchner's ¾-acre garden in Wainfleet Township yields a bountiful crop of vegetables and fruit, as his wife Elizabeth well knows when the canning season rolls around. Their four children are Dwight, 15, Dennis, 14, Sandra, 10, and Mark, 4. A lift truck operator and crane-man at the Port Colborne nickel refinery, Edward has been with Inco since 1949.



Dick Mantha's home town is Gogama where he worked as a fire ranger before moving to the Sudbury district in 1964. He joined Inco's nickel reverb department at Copper Cliff in 1966, and one year later moved over to Stobie mine where he currently operates a slusher. Dick's wife Rita is a Sudbury girl, and their two attractive children are Colette, 3, and Richard, six months.



It would be hard to find a more ardent golfing family than that of Creighton No. 5 shaft school stope instructor Walter Smorhay. Their home is adjacent to the clubhouse on the Lively golf course, Walter was club manager for three years, his wife Doreen operates the concession there, and the whole family spends most of summer on the fairways. An Incoite at Creighton since he came east to join the Company in 1947, Walter hails from Flin Flon, Manitoba, his wife from Webbwood, Ontario. Their happy and healthy offspring are Debbie, 15, Sandra, 11, Greg, 17, and Wendy, 14.

A machinist at the copper refinery, Charlie Furchner has worked there since he joined Inco and started a four-year machine shop apprenticeship in 1954. He and his wife Joyce were born and grew up in Sudbury, and together with their four boys, Bobby, 8, Jimmy, 10, Billy, 6, and wee Charlie jr., 1, annually spend July and August enjoying the freedom of their camp on an island on Lake Penage.





Gracefully executing a jump in her sparkling solo routine is Merry Carscallen.



These three pretty misses are Tina-Lynn Rondina, Beverly Basso, and Mary-Lou Hansen.



1969 men's Canadian novice champion Roger Uemae gave two powerful and polished displays.

Cliff Skaters Drew 1400 to Club Matinee

During an afternoon that was full of color, music and excitement, some 175 members of the Copper Cliff Skating Club took to the ice at Stanley Stadium the afternoon of March 30, to display their skills on the blades.

The Club's 33rd annual figure skating exhibition drew a record audience of around 1,400 which was treated to routines that ranged from the wobbly but valiant efforts of tiny pre-school beginners to brilliant performances by the senior skaters.

Behind the scenes in the changing rooms, veritable hives of activity, were ever-faithful mothers lacing on skates, making those important last-minute costume adjustments, and drying the odd tear that goes with the "butterflies" before a public performance.

Doubling as disc-jockey and emcee, Norm Carscallen was at his usual post behind the mike, and hustled the program along in masterful manner.

The exhibition marks the formal ending of the skating club's season, and is not planned as a spectacular ice carnival. "We aim to show the progress of our skaters of all ages and skills," said Jim Metcalfe, president of the Club for the last five years. "Enthusiastic audience appreciation encourages the youngsters to continue in this healthful and graceful sport."

The Club committee and the countless number of people involved in the ambitious production are to be congratulated for providing a challenge for the young people and a thoroughly enjoyable afternoon of entertainment for the public.

ON THE FRONT COVER

Natily attired in top hats, bow ties and tails, and leaning nonchalantly on their canes, this bevy of slick chics started the show with their aptly titled routine "Eye Opener". And a sight for sore eyes they surely were. The Club's senior girls, they are, front row Debbie Vagnini, Laurie Stephens, Debbie Tincombe, Merry Carscallen, Brenda Fortier, and Wendy Piccolo; back row; Susan Carscallen, Mary Saloun, and Judy Lepage.



Copper Cliff Skating Club president Jim Metcalfe presented guest soloist Roger Uemae with a token of the Club's appreciation. The ladies who spent many hours training the youngsters for the show also received gifts: Susan Metcalfe, Mrs. Joyce McKenzie, Mrs. Elvie Phillips, Mrs. Aini Rautanen, Mrs. Bette Byers, and Mrs. Marg Gauvreau.



The 23 little pre-school charmers who appeared as "The Morning Glories" included Marie Armillotta, Cheryl Bertrand, Elizabeth Bryant, Mary-Anne Ceccarelli, Anne-Marie Ceccarelli, Sandra Dicaire, Kimberly Everett, Patricia Gauvreau, Karen Kuczma, Rebecca Poff, Paula Rondina, Dawn Lynn Taylor, Tracy Thibault, Dawn Belleny, Lynn Borgagelli, Jennifer Campbell, Tammy Dicaire, Leslie Gathercole, Patricia Houley, Kim Leftly, Laurie Anne Racicot, Helen Rumney and Lori Taylor.



Calling themselves "The Blue Notes", the intermediate girls gave a near-professional performance of which they could be very proud. Seated and ready to do their stuff under the spotlights are Kim Sartori, Judy Mae Taylor, Kim Creasey, Kathy Kent, Kim Pressacco, Judy Tincombe, Cheryl Flynn, Judy Fowler, Nancy Nicholson and Debbie Martel.



With sailor hats at jaunty angles, and colorful out-size bow ties, the male section of "The Morning Glories", posing here with their instructor and lead, Mrs. Elvie Phillips, are Billy Carlyle, John Canapini, John Parker, Brian Smith, Todd Leftly, Paul Tarini, Scott Fyall and, seated front and centre, Jimmy Ringer.

—: APPOINTMENTS:—

TORONTO

F. Foster Todd, executive vice-president, announced the following administrative appointments at Toronto:

D. A. Wallace, director of personnel, Canada;

R. G. Lake, manager, recruiting and employment;

J. G. Campbell, manager, salary administration.

D. A. WALLACE

A past president of the Personnel Association of Toronto, Duncan Wallace was manager of labor relations for the Oakville operations of Ford Motor Co. of Canada from 1953 to 1958, and then corporate industrial relations manager of Fiberglas Canada Ltd. until joining International Nickel.



He was born at Andover, Massachusetts, but moved to Yarmouth, Nova Scotia, at an early age. He graduated from Acadia University, Wolfville, in 1947 with a bachelor of arts degree and in 1948 with the degree of bachelor of education. He served in the Canadian army.

He was married at Montreal in 1951 to Ursula Wood, and has three children. He resides in Oakville, Ontario, and favors curling and sailing for recreation.

R. G. LAKE

Following his war service with an RCAF fighter squadron, in which he won the DFC, Ron Lake graduated in 1949 from the University of Toronto with a degree in mining geology.



R. G. Lake

He was with Cominco at Kimberley, B.C., for a year before coming to International Nickel to join the mines geological department at Creighton. He later became mine geologist at Levack, where he remained for nine years; he was a member of the high school board for seven years. Transferred to the geological exploration department at Copper Cliff, he was appointed an area geologist.

Following three years of assisting in the Company's annual recruiting program for technical personnel he was appointed staff administrator in 1967.

He was born in Timmins.

Married in Toronto in 1949 to Billie Sullivan, he has one son.

Golf and curling are his recreations.

J. G. CAMPBELL

Born in England of Canadian parents, John Campbell attended high school at Arnprior, Ontario, and graduated from Queen's University, Kingston, in mining engineering. During his university vacation in 1947 he was employed at Frood mine.

Following graduation he spent 10 years in the mining industry, engaged a large part of the time in installing incentive bonus stan-



J. G. Campbell

dards at various major mines.

In 1960 he acquired a master's degree in business administration at the University of Western Ontario, and then joined a firm of management consultants, specializing in salary administration. More recently he was a research director for a Vancouver-based employers' association, undertaking studies in labor relations.

He was married at Toronto in 1950 to Doreen Routliffe and has three children. His interests include sailing, tennis, badminton and reading.

COPPER CLIFF

J. A. Pigott, assistant vice-president and general manager, Ontario division, announced the following appointments:

J. H. Holtby, purchasing agent, Ontario division;

G. W. Fleming, assistant chief engineer, Copper Cliff;

L. J. Roininen, assistant chief engineer, Copper Cliff;

W. C. Ferguson, technical assistant to chief engineer, Copper Cliff;

L. Crema, technical assistant to chief engineer, Copper Cliff.

J. H. HOLTBY

Jack Holtby rejoins the Ontario division after 10 years' service in the purchasing department of the Manitoba division.



J. H. Holtby

After graduation from the University of Saskatchewan with a bachelor of commerce degree in 1948 he joined International Nickel at Copper Cliff in the cost accounting section. He became a buyer in the purchasing department in 1950, and was appointed assistant purchasing agent in 1957.

In 1959 he was appointed assistant purchasing agent for the Company's Manitoba division, with temporary offices in Winnipeg until the department moved to Thompson in 1961.

He was married at Sudbury in 1950 to Lila Luopa, and has two sons and one daughter.

He was born at Saskatoon, Saskatchewan. He lists bridge and curling as his favorite pastimes.

G. W. FLEMING

Although Kapuskasing was the birthplace of George Fleming, he spent his boyhood in Parry Sound and attended high school at Meaford.



G. W. Fleming

Graduating in 1949 in mechanical engineering at the University of Toronto, he joined International Nickel at Copper Cliff that year as assistant to the chief estimator in the mechanical engineering depart-

ment. He became chief estimator in 1954, and chief draughtsman in 1963.

He served two years in the RCAF in World War 2.

He was chairman of the Lively School Board for 12 years, and also was secretary of the Sudbury branch, Engineering Institute of Canada, for two years.

His marriage to Yvonne Bartindale took place at Toronto in 1946. He has two sons and one daughter.

Hunting and fishing are his favorite recreations.

L. J. ROININEN

Born in Toronto, Leo Roininen attended Washington State University, graduating in 1952 with a degree in mechanical engineering.



L. J. Roininen

He was employed by General Electric before coming to International Nickel in 1954 in the mechanical department at Copper Cliff.

He transferred to the mechanical engineering department, where he became assistant chief draughtsman in 1966.

He was married at Sudbury in 1954 to Irma Maki, and has three children. Fishing and camping trips with his family are his favorite leisure time activities: last year they went to the West Coast on a camping holiday.

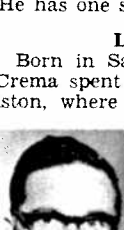
W. C. FERGUSON

Charles Ferguson came to the mechanical engineering department in Copper Cliff in 1965 as a senior design engineer, following employment with a firm of consulting engineers in Toronto designing sewage and industrial waste plants.

Born in Kingston, he graduated from Michigan College of Mining and Technology in 1961 in civil engineering, having majored in sanitary engineering.

He is the son of Jack Ferguson, efficiency engineer at Levack mine.

He was married in 1965 to Delores Myronuk, formerly of the stenographic staff in the purchasing department at Copper Cliff. He has one son and one daughter.



W. C. Ferguson

L. CREMA

Born in Sault Ste. Marie, Leno Crema spent his boyhood in Coniston, where his father moved in

1934 to take employment in the converter building.

He attended the University of Toronto, graduating in 1950 in mechanical engineering. During his vacations from high school and university he gained broad experience at many jobs in both operating and mechanical departments at the Coniston and Copper Cliff smelters.

He joined the Company permanently in 1950, on maintenance in the sinter plant, then spent nine

years in mechanical supervision at Coniston. Returning to Copper Cliff in 1961, he became assistant maintenance superintendent in 1964, then chief maintenance planner. He was transferred to the mechanical engineering department in September of last year.

Married in 1952 to Maureen Pappin, he has six children.

He enjoys curling, bowling and reading.

PORT COLBORNE

W. V. Barker, manager, Port Colborne nickel refinery, announced the following appointments effective February 1:

J. J. C. VanDillen, superintendent, nickel and anode furnace, and leaching and calcining departments;

S. F. Pinkos, assistant superintendent, nickel and anode furnace, and leaching and calcining departments;

H. E. Saxton, assistant superintendent, process technology department;

J. F. MacDonald, assistant superintendent, electrolytic nickel department;

R. J. Charron, chief of security.

J. J. C. VANDILLEN

Utrecht, Holland, was the birthplace of Jan VanDillen, who graduated from the Amsterdam

Technical College in 1947 with a degree in chemical engineering.

After two years of army service he was employed by a coal mining corporation as a research chemist. He came to Canada in 1952, worked with Electro Metals at Welland for a year, and then joined International Nickel in the research laboratory at the Port Colborne nickel refinery. He was a plant general foreman before becoming assistant to the superintendent — and in 1966 assistant superintendent — of the anode and L.C.S. departments.

He was married at Welland in 1955 to Marie Langeveld, and has two children.

Duplicate bridge, swimming, and electronic projects in his basement workshop are his favorite diversions.

Duplicate bridge, swimming, and electronic projects in his basement workshop are his favorite diversions.

S. F. PINKOS

A graduate in metallurgy of Queen's University, Kingston, in 1954, Steve Pinkos joined International Nickel that

year as a test engineer, first on pilot plant work at Coniston and then at the iron ore plant at Copper Cliff.

He was transferred in 1959 to No. 1 research station at Port Colborne, became day foreman in the electrolytic department in 1961, and project engineer in 1964.

Born in Renfrew, Ontario, he moved with his family to Rouyn, P.Q., at an early age.

His marriage to Audrey Seely took place at Noranda in 1953, and he has four daughters. They all enjoy trailer camping.

Continued on Page Seven



J. J. C. VanDillen



S. F. Pinkos



← THIS

→ WILL GET YOU THIS



In mid-air and upside down, young Beth Puddy is the victim of a one-arm shoulder throw being executed by Ann Rewega. The young ladies quote self-defence as their reason for learning judo — better watch out for those lively girls a few years from now!

A second or so later Beth hits the mat with a resounding wallop that sounds worse than it feels. Falling is the most important exercise in judo and the pupil learns to keep the body relaxed and slap the mat with the arms in order to lessen body impact.

Youngsters Learn Judo and Mothers Enjoy Slimnastics

If you live in Lively and are a youngster eager to learn the crafty art of self-defence, or a mother concerned with maintaining those youthful "vital" statistics, then you'll turn to the busy and enthusiastic team of Rewega and Rewega.

Husband and wife, Steve and Yolande have been Lively YMCA instructors for the past three years. He teaches junior judo, she puts a slimnastics group through its paces.

Holder of a brown belt in judo, Steve lives practically a double life. A pumpman at the Greighton mill, where he has worked since he joined Inco in 1951, he spends his days tending the tailings pipeline, and four evenings a week from October to April teaching bare-handed combat to youngsters attending YMCA classes in Lively and Sudbury.

45 Youngsters Enrolled

Some 45 aspiring boys and girls between the ages of 8 and 14 enrolled in his Lively group this year.



Demonstrating a major hip throw with the help of pupil Mark Carriere is Lively YMCA's junior judo instructor, Creighton mill pumpman Steve Rewega. The Japanese name for this throw is just what Mark will probably exclaim when he hits the mat — "O Goshil!"

and he was able to handle them all with the help of green belt Peter Chesterman, a daughtsman in the Copper Cliff general engineering department.

Steve likes to think of judo as a physical form of chess. "I also like to think that the knowledge and training gained by the youngsters will make them stronger, give them self confidence, and result in a self-controlled person," he said. Warming to his subject, he added; "What we teach is strictly the art of self defence without any of the deadly holds that can cause injury."

Calisthenics, tumbling and the knack of falling fill the first half of the three-hour evening session at the George Vanier Public School in Lively, and are followed by throws and holds.

"Our basic aim is to teach the young people to try and avoid a fight, but when that fails they'll have enough judo experience to defend themselves and defeat an opponent without injury to either party," said Steve.

One dollar covers the cost of

(Continued on page 7)



Size is relatively unimportant in this form of unarmed combat, as is graphically shown here. Nine-year-old Kevin Johnstone, tipping the scales at a mere 58 pounds, uses his head and perfectly timed leverage to toss his 150-pound instructor over his shoulder and onto the mat.

There were creaks and groans and aching muscles when the Lively YMCA slimnastics class did this sort of thing at the beginning of their course last fall, but as evidenced by the smiles and straight backs, things have loosened up. Front and centre in the group is agile instructor Yolande Rewega who has put the ladies through their exercises three afternoons a week during the winter.



Appointments

Continued from Page Five

He is a past president of the Port Colborne Curling Club.

H. E. SAXTON

Starting with International Nickel in the research department at the Port Colborne refinery immediately following his graduation in 1950 from the University of Toronto with a degree in metallurgical engineering, Harry Saxton became a plant general foreman in 1956.



H. E. Saxton

He was appointed assistant to the superintendent of the electrolytic department in 1958, and assistant superintendent in 1960.

He married Lorena MacSween at St. Catharines in 1950, and has one son and one daughter.

A past president of the Niagara region Children's Aid Society, he continues as property chairman. Among his other interests are photography and choir singing.

J. F. MacDONALD

Born at Louisburg, Nova Scotia, Jim MacDonald enrolled at Acadia University in 1945 but interrupted his university career to join the navy.



J. F. MacDonald

He returned to graduate in 1955 with a B.Sc. degree in chemistry, and then joined International Nickel at Port Colborne in the research department. The following year he was a plant general foreman, and in 1959 became assistant to the superintendent of the anode and L.C.S. departments. He transferred to the electrolytic department in 1960.

He was married at Winnipeg in 1946 to Charlotte de Pencier, and has two daughters.

He is active in the Lions Club minor hockey program, and also in the Port Colborne Operatic Society. Curling and sailing are his favorite recreations.

R. J. CHARRON

Seventeen years in police work, during which he has been stationed at all Inco plants in the Sudbury area, has led up to the appointment as chief of security at Port Colborne nickel refinery of Ray Charron.



R. J. Charron

Born in Sudbury, he joined the Copper Cliff police department in 1952, was promoted to sergeant in 1962, and to detective sergeant in 1965.

He was married at Sudbury in 1947 to Vera Radicioni, and has three sons. Trailer camping with his family is his favorite diversion, along with some hunting and fishing.

THOMPSON

W. J. Thorpe, purchasing agent, Manitoba division, announced the

All-Ontario Hockey Title for Copper Cliff Redmen



appointment of S. Prusak as assistant to the purchasing agent.



S. Prusak

Born in Lethbridge, Alberta, Steve Prusak graduated from high school at Fort Macleod, and holds a certificate in purchasing from the Canadian Association of Purchasing Agents.

He joined International Nickel at Winnipeg in 1959, and was resident buyer at Thompson until the purchasing department was moved there in 1961. He later assumed the position of senior buyer.

Prior to joining Inco he held purchasing positions with Algoma Ore Properties at Wawa and Denison Mines Ltd. at Elliot Lake.

He was married at Winnipeg in 1959 to Olga-Ann Haliuk.

Guns and hunting are his hobbies.

Golden Wedding

A mass was celebrated and rings exchanged at St. Theresa's Church, Port Colborne to mark the golden wedding anniversary of Mr. and Mrs. Joseph Durica.



Mr. and Mrs. Durica were born in Czechoslovakia and were married there at Podkonice on February 2, 1919. Joe became employed

A very proud and happy bunch of young puck-chasers are the Copper Cliff Redmen, who blazed a trail of glory to become 1969 all-Ontario midget "A" league champions in the Ontario Minor Hockey Association.

Sponsored by Copper Cliff Athletic Association and coached by Vic Gutjahr, the team came out on top in the Nickel Belt League, went on to win the Sudbury District championship, became Northern Ontario champs by defeating Kapuskasing, and finally downed Sarnia's Longshoremen in an exciting best of three playoff to claim the all-Ontario title.

Jubilant Copper Cliff CCAA minor hockey league convener

Yacker Flynn confided that the team's performance fulfilled a burning ambition he's had since he became league convener in 1964.

In the front row above are Warren Anderson, Stewart Kallio, Darl Bolton (captain), Frank Blum, Bob Kirk and Richard Rubic; second row, league convener Yacker Flynn, assistant coach Dan Gutjahr, Rick McClennan, Merv Scharf, Al Hamill, John Heffern, Rick Petrenko, Claude Lequerre, assistant trainer Tony Smythe, and coach Vic Gutjahr; back row, Peter Kallio, "Tubby" Blanchard, Paul Akey, Ed Hreljak, Danny Hood, Wayne Gutjahr, trainer Sam Tuttle, Norm Kallio, and Gord Ferris.

at the Port Colborne nickel refinery in July 1928. His wife and son joined him in Canada in 1939. He remained with Inco until 1959 when he retired on service pension.

A large number of friends and well-wishers attended a reception at the Durica home at 69 Christmas Street.

The Duricas have a son and a daughter, both married, and five grandchildren, all residing in Czechoslovakia.

Youngsters Learn

Continued from page 6

enrolment in the Lively YMCA program, and allows participation in many activities. The judo uniform, which is a must for all members, comes complete with belt for \$12.

Improves Stature and Posture

There's no set uniform for Yolande's slimnastics group, which meets in the basement of Lively's Trinity United Church, and the size of the class is a variable, too.

"In the beginning we usually number around 75," explained the slim and trim instructor with a twinkle in her eye, "but after the first couple of work-outs for some reason or another we lose a dozen or so of the ladies."

Yolande's exercises are reported

to reach muscles that people never knew they had. "The initial sessions may seem strenuous," she admitted, "but if they didn't hurt they wouldn't be doing any good at all."

The slimnastics course of three afternoon sessions a week is not aimed at a dramatic weight loss. "What we're trying to do is spread the load around evenly and come up with good stature and posture," said Yolande.

Describing herself as "a normal housewife who needed an interest outside the home," Yolande has been putting the gals through their paces since 1967.

The Rewegas' three youngsters, Mary, 14, Steven Jr., 12, and Brenda, 7, all study judo. Yolande's experience was limited to one session on the mats. "He can keep fit his way," she said emphatically. "I'll exercise my way and have less bruises to show for it."

Nuts and Bolts

Exploding bolts, made of 18 per cent nickel maraging steel, will couple the "ascent" and "descent" stages of the Lunar Excursion Module in which U.S. astronauts will descend to the surface of the moon from their orbiting spaceship.



DEPARTMENT HEADS: In a special conference at International Nickel's offices in Toronto are Dr. William Steven (second from right), vice-president, process technology; I. P. Klassen (left foreground), manager, process technology; and those in charge of the area process technology groups at Inco's Canadian operations: from the left, J. C. Bischoff, copper refinery; Dr. M. D. Sopko, Copper Cliff; R. A. Carlyle, Thompson; L. E. Cupp, Port Colborne; I. W. Laing, Copper Cliff.

PROCESS TECHNOLOGY

... busy on many fronts to assist Inco's operating departments and improve the way we're doing things.

CONTROL and improvement of the multitude of processes involved in the production of nickel, copper, and the 13 other elements Inco recovers in its Canadian operations, is the function of the process technology department.

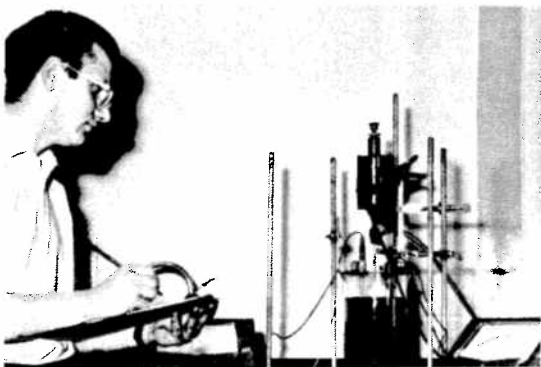
With the scope of the operations growing by leaps and bounds in the Company's multi-million dollar expansion program, and complex metallurgical problems increased by the necessity of treating lower grade ores with a maximum of efficiency, it's practically a whole new ball game in process technology.

To cope with the burgeoning challenge, plant research personnel, metallurgical and sampling departments, and plant control laboratories in the milling, smelting, and refining operations at Copper Cliff, Thompson and Port Colborne are correlating their activities for mutual assistance and to prevent a communications gap.

Working closely with the operating departments on this steadily expanding frontier, the process technology people provide continuous sampling and analytical service on process efficiency and quality control at all stages of the production flow-sheet from rockhouse to refinery. They help to set limits on operating variables, and keep a sharp eye on the technical performance of major new extraction and refining installations. In addition to their process control, trouble-shooting, and "fire-fighting" activities, they are constantly involved in original plant research toward improvements in processes, metal recoveries, and costs.

Highly sophisticated instruments are at their command. New techniques, such as on-stream analysis with computer control, are being developed and installed. These are narrowing down the margins for human error, speeding up the flow of information for the guidance of the operators, and broadening the horizons for technical imagination and inventiveness.

(Continued on Page 10)



SCIENTIST AT WORK

Project leader Dr. Donald Wharmby is conducting investigations toward improving the purity of copper precipitate in the nickel refinery at Thompson. This product, after it has been purified and dried, goes to the copper refinery at Copper Cliff for electrolytic copper production.



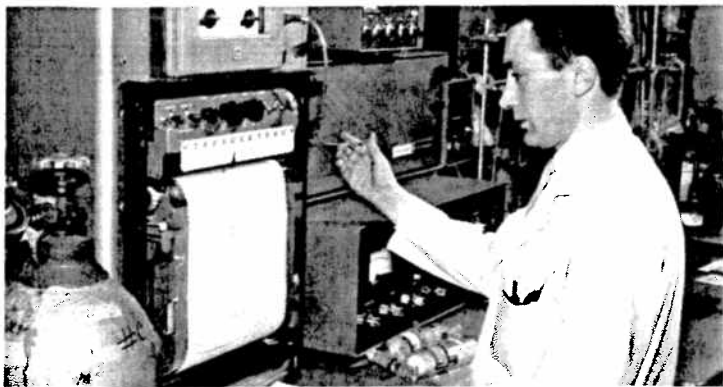
TYPICAL CLOSE COOPERATION

Process technology and operations put heads together to examine the froth in the copper-nickel separation circuit at the Copper Cliff mill. Chemist Brian Lyons and mill superintendent Bob Brown are making a visual observation of the selectivity of the copper-nickel circuit, using a vanning plaque, in the continuing program to improve separation efficiency in the mill.



EXPERIMENTAL FILTER

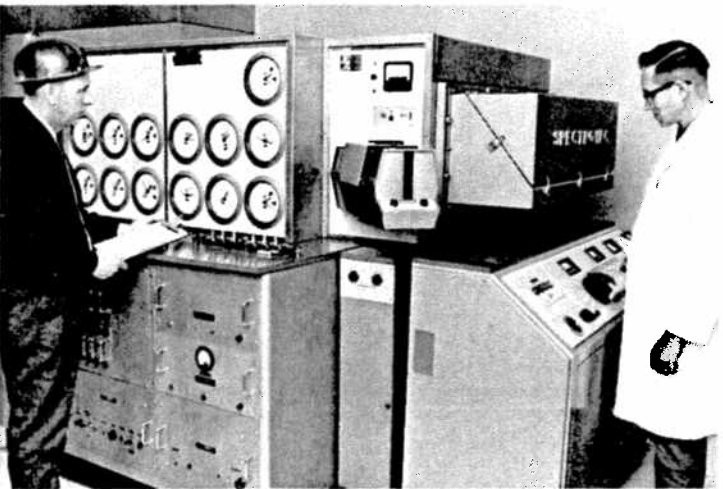
Senior technicians Dan Dobrin and John Weyland check on the performance of an experimental pressure filter at Port Colborne in a process technology program to produce a better electro nickel product by upgrading filtration procedure.



"READING" FURNACE GASES: Research chemist David Maskery injects a sample of flash furnace offtake gases into the gas chromatograph in the process technology laboratories at Copper Cliff. This instrument makes a very precise quantitative analysis to determine the amounts of five different gases in the sample, and thus provide a check on the operating efficiency of the flash furnace.



SINTER 95 AS REAGENT: In a test of the efficiency of special nickel oxide sinter 95, in place of reduced nickel, as a reagent in removing copper impurities from electrolyte before it is returned to the electrolytic tanks at Port Colborne, senior technician Brian Martin and research scientist Gyula Borbely are using an electrode assembly with a millivolt meter to measure the potential of the solution as it flows through a launder between two pachuca tanks.



ANALYZES SOLID STATE SAMPLES: Operating control at the iron ore plant gets a big assist from the spectrovac, an instrument for making quick analyses in the solid state of samples from various intermediate stages of the process. It analyzes the light emitted from the sample through a diffraction grating, and indicates on a battery of clocks the amounts of the elements present. Assayer Don Mulholland (right) is adjusting the machine to run a sample of nickel oxide, while Tom Kirwan, superintendent of leaching and recovery, is ready to review the trend of previous assays with current readings.



STUDYING DIRECT SMELTING TECHNIQUE: Test work is being carried out toward making the best possible use of oxygen in enriching the air blast to the converters for direct smelting of scrap or concentrates at Copper Cliff smelter. This highly significant investigation is part of the continuing program to increase smelter efficiency. Research engineer David Humphries is shown taking a sample of slag from a converter; beside him is assistant converter superintendent Bill Buchanan.



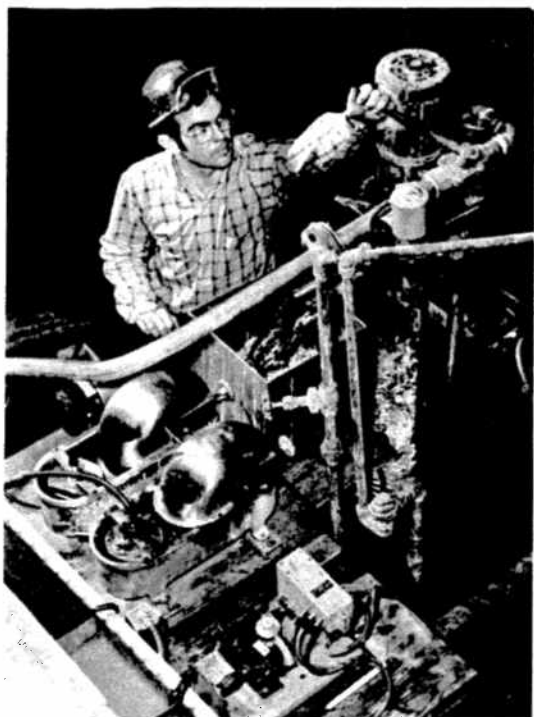
FAIR SEX AT THOMPSON: Chemist Angela Wharmby and technician Beth Woloschuk perform an analysis on the atomic absorption spectrophotometer in the new laboratory at Thompson. The trend in all process technology labs is more and more to instrumental analysis, providing better and faster service to the operating departments to simplify their control of the process.



CHECKING MOULD TEMPERATURES: On the casting wheel at the copper refinery, with freshly poured wire bars in the background, technician Roland Poirier is using a switching mechanism and temperature indicator to monitor several chromel-alumel thermocouples embedded at different positions in one of the horizontal wire bar moulds, and thus determine mould temperatures at various stages during the casting cycle. The purpose is to define the relationship between mould temperature and indications of certain types of physical defects in the cast bars.

PROCESS TECHNOLOGY

(Continued from Page 8)



INVESTIGATING AGENTS

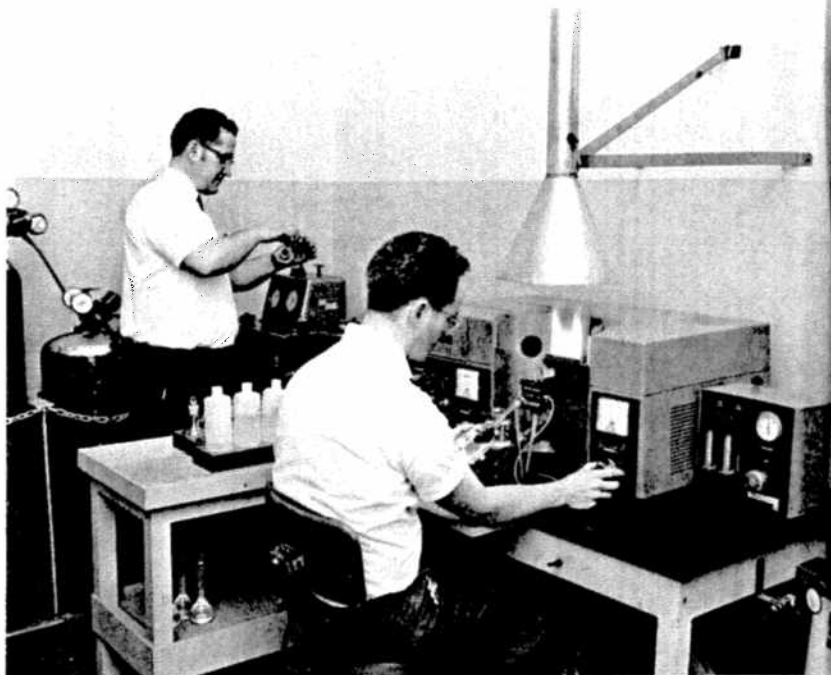
Rick Barrett, process chemist, is shown adjusting the flow of acid sulphate electrolyte delivered from the surge tank of an experimental installation at the copper refinery. The project is to determine the influence of different addition agents on the chemical and physical characteristics of electrolytic deposits of copper.

Monitoring Start-ups

A typical example of the process technology department's function in contributing to the start-up of a major new installation was the job of monitoring the heat-up cycle of the new 30,000 kva No. 2 electric furnace in the Thompson smelter. By close observation of such important factors as refractory expansion, spring compression, slag granulation and power input, the process technology personnel assisted the smelter operators in bringing the big furnace smoothly into production.

Process technology teams will have responsibilities in connection with evaluating equipment and techniques in the new IPC (Inco pressure carbonyl) refinery on which construction has commenced at Copper Cliff. An example is the part now being played by the copper refinery group, who are assisting the engineers and operators in designing the leaching and electro-winning plants for the recovery of copper from refinery residues.

In the accompanying pictures are shown a few of the process technology personnel at their jobs. Whether their work is routine policing of present processes, or creation of improvements for the future, it is of vital importance to the technical competence of International Nickel and the world's supply of urgently needed nickel and its companion metals.



SPECTROPHOTOMETERS: *In the process technology department at Port Colborne, chemist Gary Sergus (foreground) is using an atomic absorption spectrophotometer to make a trace analysis in connection with a program to improve cobalt purification methods. As the sample is injected its composition is measured by changes in the color of the air-acetylene flame. On the left, chemist Adam Sesto is operating another type of spectrophotometer to check the effectiveness of nickel oxide sinter 95 as a replacement for reduced nickel oxide in the pachuca purification train.*

AT SAMPLE TOWER

A 10-ton rockhouse sample of ore is reduced to 500 grams as it passes through the three-stage crushing system in the Frood-Stobie sample tower. After each crushing stage the sample is reduced by automatic cutter, a big improvement in speed and accuracy over the old method. Picture shows junior sampler Hans Bruckner removing a final sample which, after drying in the cabinet on the left, is pulverized and screened and then sent to the control laboratory at Copper Cliff for wet assay using an atomic absorption unit.



CHECKING FURNACE VENT

Project leaders Colin Lewis and John Stagg, and technicians Leonard Brewster and Arthur Hesje are conducting regular dust and gas tests on a smelter electric furnace vent to check on dust losses as well as on the volume of dilution air being circulated through the furnace.





Levack-Copper Cliff Game Typical of Many Friendly Challenge Matches During Season

Friendly challenge games, in which the calibre of the hockey, and who won, took second place to the exercise, fun and good fellowship, were enjoyed by many Nickel Belt player-groups during the winter months. One such was a season-ending match between Harvey Nadeau's Levack Old-Timers and Eric Fenton's Copper

Cliff Comets. It wasn't exactly a social affair, but nobody got hurt and every now and then there was a flash of very good hockey.

An unofficial estimate of the score was 8-6 for Levack, shown on the left above: front, John Donaldson, Rauleigh Aelick, Ron Matte, Harvey Nadeau, Horace Williams, Leroy Talbot; back, Ron "Elbows"



Rowe, Clarence Vowels, Ron Correlli, Gary Moore, Terry Antonioni, Ron Frohlick, Clarence Benoit; not shown, Oliver Toppi, Fred Spencer, Jim Connors. The Old-Timers played twice a week during the season, including home-and-home games with Little Current, and even took on the vaunted Levack Huskies, with the result of that

hair-raiser still in some doubt.

In the Copper Cliff lineup on the right above are, front, Bill Stevens, Derald Balson, Gerry Martyn, John Robson, Charles Osborne, Wayne Laframboise, Bill Matichuk; back, Eric Fenton, Bob Young, Bill Elliott, Cec Bissonnette, Marty Sime, Jerry Bertrand, Alex Burns.

In recognition of his self-protection in wearing his safety helmet, Port Colborne ironworker Gene Turmel is presented with the "Life-Saver Award" by ironworker foreman Bert White.



Earns the Gold Cord

A cherished dream was realized by Jocelyn Coutu, 16, daughter of Murray miner Roger Coutu, when she became a Gold Cord Guide at a ceremony at Queen Elizabeth School, Sudbury. Shown with the proud young recipient of Guiding's highest award are Mrs. Charles Laskin (left), captain of 13th Sudbury Girl Guide Company, and Mrs. Louis Fior, district commissioner of the Girl Guides.



His Safety Hat Averted Tragedy

In the unceasing war against injury or death on the job, one of the most valuable protective devices is the hard hat.

A man who will add a strong "Amen!" to that statement is Eugene Turmel, an ironworker at the Port Colborne nickel refinery.

Gene was replacing deteriorated building steel when a U-bolt broke and a 20-pound flat iron hanger swung down 12 feet, striking him on the right temple. The force of the blow put a hole in the safety helmet he was wearing.

"I've got a pretty good idea what it would have done to my head if I had not been wearing the hard hat," said Gene.

A "Life Saver Award", a shiny new silver helmet, was presented to Gene by a safety appliance manufacturer in recognition of the fact that his self-protection in wearing a safety hat had averted serious injury and possible tragedy.

Gene Turmel's wife and their four young children share his profound gratitude to that good old hard hat.

The Port Colborne man's experience is another lesson in the value of safety headgear, which is just as vital to human protection in modern industry's war against injury as it has been to men on the

field of battle all the way back into the days of unrecorded history.

Stobie No. 7 Shaft Won In Inter-mine Hockey Loop

Harry Thurlow's speed merchants from Stobie No. 7 shaft won the play-offs in the four-team Inco inter-mine hockey league, after a highly successful season. Frood, Stobie No. 8, and Levack were the other entries. It is hoped to expand the loop to include all Inco mines in the Sudbury area next year. Shown here are the 1969 champs from Stobie 7: back row, Mike Jordan, Eddie St. Martin, Don Riopelle, Dave True (the league's leading scorer), Marty Vallee, Maurice Blanchette; centre row, Johnny Johnston, Harold Oran, Harry Thurlow (coach), Sonny Peller, Claude Brunet, John Marriott; front, Carl Lahti, Armand Desjardins;



not shown, Andre Gauthier, Gerry Benkers, Dick Poitras. Inset is Armand Boucher, who presented the

team with the Frood-Stobie Athletic Association trophy.



W. Vern Barker, plant manager, presents the H. W. Walter Memorial Shield to Bob Lambert, captain of the victorious Carpenters team, Port Colborne's first aid champions. On the left is the team coach, Gino Foresi, and on the right are team members Geza Szalkai, Walt Goulding, Basil Hollingsworth, and Marcel Desmarais.

Port Colborne's Competition Said Best Yet Staged

A bunch of the boys had driven to Loon Lake, 15 miles the other side of Bugsville, to help a friend build a summer cottage. While shingling the roof, one of the men (patient Albert Kerekes) slipped and fell to the ground, sustaining multiple fractures, lacerations and shock. Ten minutes after he fell, another patient, John Cormier, was rescued half-drowned from the lake, suffering from cuts and lacerations as well.

These were the problems confronting the three finalist teams, ENR Basement, Shearing B Shift, and Carpenters, competing for the H. W. Walter Memorial Shield, emblematic of the first aid championship at the Port Colborne nickel refinery.

Over 200 spectators were on hand at the Recreation Club to watch the teams compete in almost flawless fashion.

The judges were Tom Crowther and Joffre Perras, both veteran first aid men from Copper Cliff. They praised the high calibre of first aid expertise exhibited by the competitors and the impressive manner in which the settings were staged. The Port Colborne first



Both patients in the test, the man who fell from the cottage roof and the near-drowning victim, have the Shearing B Shift team hopping in this picture. Copper Cliff first aid specialists Tom Crowther and Joffre Perras, who judged the competition, had high praise for the three finalist teams.

aid staff, along with capable assistance from other interested employees, were highly commended for putting on the best first aid competition witnessed at this location to date.

First Aid training and competition has taken on a new and greater dimension in Port Colborne in the past few years. The fall course had an enrolment of 53 persons. Twelve crack first aid teams representing various work areas or locations were formed and competed in the elimination con-

tests leading up to the plant championship.

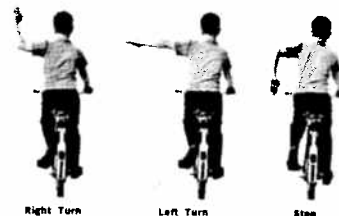
The Carpenters won the competition and the right to enter the Ontario division semi-finals for surface plants at Sudbury. The winning carpenter's team, composed of Bob Lambert (captain), Walt Goulding, Basil Hollingsworth, Marcel Desmarais, Geza Szalkai and coached by Gino Foresi, received mechanical fire alarms as prizes. The ENR Basement team was composed of Chuck Goss (coach), Ken Brownell (captain),

Andre Rollins, Aurele Plante, Steve Bronzovich and Bob Brennan. On the Shearing B shift team were John Turchetti (captain), Ken Anthes, Dominic Portalesi, Jerry Polko, Percy Rogers, Pat Clement (coach).

Off-the-Job Safety It's Bicycle Time Again

Prepared by the
INCO SAFETY DEPARTMENT

Spring is a time of joy to all of us. For the adults it is play-off time, a time to shake off the winter cobwebs, to get out into the fresh air again, a time of renewal. But it is something special for the kids. It means shedding heavy winter clothes at last, getting out



the marbles. It is a time to get out the bicycle and go riding off, with a whoop, in all directions.

Bicycles mean that children are exposed to a new set of hazards which must be guarded against if tragedy is to be avoided.

Here are a few points which we should keep in mind as the bicycle season opens again:

1. Tots on tricycles should be trained to stay on the sidewalks where they belong and not to ride too fast. Painful injuries can result from collision or upset tricycles.

2. When selecting a bicycle be sure it is the right size for the young rider. Choosing a larger model than necessary on the basis that the child will "grow into it" is unwise. Large bicycles are more difficult for a small person to handle properly. A child should be able to ride his bicycle comfortably so that he can concentrate on operating it safely.

3. A busy street is no place to learn to ride a bike. An empty parking lot makes an ideal training ground for teaching a child to ride his bike properly.

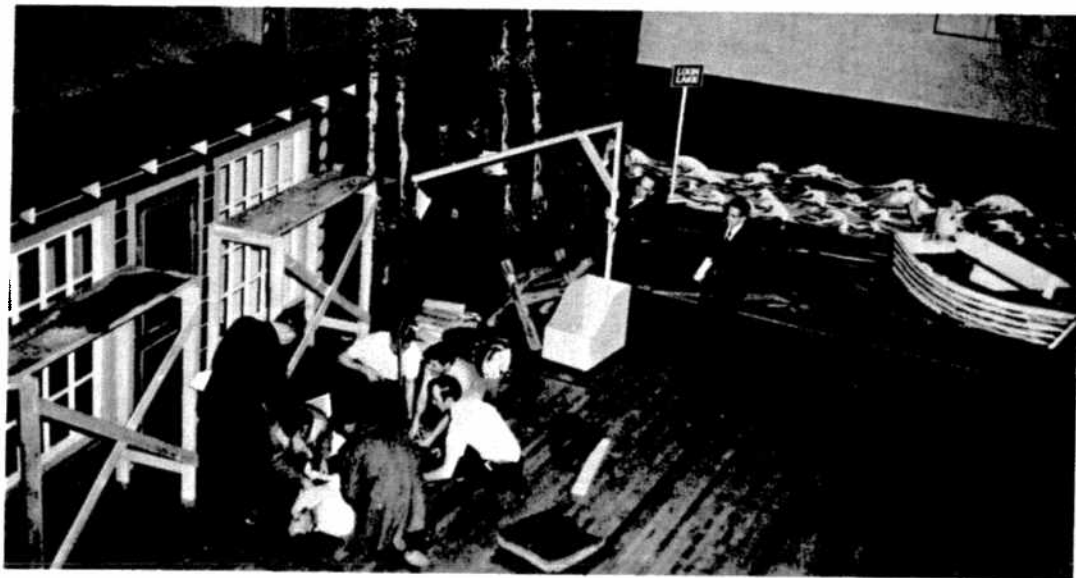
4. Bicycles, like cars should be equipped with safety devices in good condition. Proper brakes, a horn or bell, reflectors and lights and good hand grips are a must.

5. Two on a bike is courting danger. Bicycles are made for one rider only.

6. Racing and playing games on bicycles should be confined to empty lots. The road is no place for stunting or showing off.

7. Traffic laws and signs apply to bike riders too. Riders should keep to the right side of the road, obey all signs and use the standard signals to indicate turns.

Bicycles are the "wheels" of the young. Their safety depends upon the willingness of adults to see that children are trained to operate them properly.



This was the realistic setting for the Port Colborne first aid contest, with the Basement team in action treating the injuries of a companion who fell from the roof of the cottage they were building at Loon Lake.

With a furious flurry of brooms a "welcoming committee" of Clare McAfee, Keith Rogerson and Bud Hall ushers a stone into the house.



36 Rinks in Frood-Stobie 'Spiel

Wally Skwarek skipped his four-some to first prize in the annual Frood-Stobie curling bonspiel at Copper Cliff, topping a strong field of 36 rinks which represented both Frood and Stobie sections of the mine, the mill, and Little Stobie mine.

High class booty was distributed, Wally's men receiving individual trophies, blankets and watches; finishing second, Mel Whittles' rink got hand lanterns and steins, while the third-place Les Parr quartet picked off sportsmen's

knives and steins. Draw prizes included safari kits, clocks, steins, lighters and ashtrays.

Speaking briefly at the presentations, area superintendent S. J. Sheehan warmly congratulated the 'spiel committee of Eldred Dickie, Charlie Cranston, Garney Milks and Bill Prince, and drawmasters Don Horne and Dick Williams. He said the get-together and good fellowship were appreciated by all taking part, whether they were experienced curlers or "first-timers".

Jean Cyr, Clarence Moffatt and Lorne Rowe look the situation over at the Frood-Stobie 'spiel.



Al Buer



Bill Collis



Romeo Houle



Tom Yuill and Marcel Caron



Joe Bacik, Rene Lachance, Percy Morrison



Area superintendent Sheehan (centre) presented prizes to the top rink, "Hoppy" Hopkins, Wally Skwarek (skip), Ron Richardson, John Leonard.

Stobie assistant superintendent Milt Jowsey (second from right) with the second-prize rink, Bernie Whitney, Mel Whittles (skip), Gerry Funk; not shown, Mike Sorochinski.



Frood assistant superintendent Gord Strasser (centre) with third-prize winners, Bill Irving, Les Parr (skip), Bill Demkiw, Glen Plaunt.

HARD TO EXPLAIN

His wife met him at the airport. While they were waiting for his baggage a trim, red-headed airline hostess swayed by.

He beamed and said, "Hope we fly together soon again, Miss Fennichel."

"How do you know her name?" demanded his wife.

"It was posted up front, right

under the names of the pilot and co-pilot."

"I see," nodded the wife. "Now tell me the names of the pilot and co-pilot."

SOMETHING TO REMEMBER

The hand that lifts the cup that cheers

Should not be used to shift the gears.

They Still Go for the Old Favorites

You'd never guess it from listening to the radio, but old refrains like "Smoke Gets in Your Eyes" or "Anniversary Song" are still prime favorites with a lot of people.



That's what John Holovy finds during his evening bookings as a strapping violinist at banquets and other social events in the Nickel Belt. Another very popular request is "Somewhere My Love", the haunting theme song from Dr. Zhivago. "Hungarian Dance No. 5" is also high on the request list, as are gypsy airs like "Play Fiddle Play".

"People usually prefer soothing, romantic music with their chicken and spaghetti," says John. "Nobody asks for rock and roll — maybe it gives them indigestion."

A construction estimator in the Sudbury offices of the general engineering department, John has been with Inco for five years. He has been a violinist since he was a boy, and has a big repertoire of both popular and classical music.

Picture shows him playing a request for two rapt listeners, Mrs. Vera Charron and Mrs. Lillian Minsky, at a converter department banquet at the Italian Hall, Copper Cliff.

Retired on Inco Pension

GEORGE SCHNEIDER

George Schneider is looking forward to his retirement after service at the Port Colborne nickel refinery dating back to May, 1941. He worked in the leaching, calcining and sintering department until January, 1950 and then transferred to the electrolytic department. He



Mr. and Mrs. Schneider

relieved on guard duty and fire patrol from 1952 to 1963 and became a fire warden in 1963.

George was born in Stamford Township in 1904. After leaving school, he drove team, worked on the railroad, unloaded grain boats at the Government Grain Elevator and did landscaping before coming to Inco.

George was married to Pearl Huffman in Snyder, Ontario, in 1929. Of their family of five, their son Louis is an Incoite with 17 years' service. They have three grandsons and nine granddaughters.

Mr. and Mrs. Schneider live on a 50-acre farm where George helps his son Lawrence till the land and look after a herd of beef cattle. He's also the local champion euchre player.

WILF DUCHENE

Wilf Duchene left Allumette Island in 1930 for the copper refinery, broke his service, and returned in 1937 to



Wilf Duchene

Inco at the Copper Cliff smelter, where he worked until his recent retirement on special early service pension. He was a sampler during the last six years. He married Lorenza Lalan in Noranda in 1935 and they brought up a family of six. Mrs. Duchene died in 1961. Wilf's marriage, to Mrs. Reg Riley in 1963, added one daughter to the family and raised the total of grandchildren to 14. His second wife died in 1967. Daughter Claudette is the wife of Creighton chute blaster George Jackson.

ALBERT CHARRON

It's no wonder that Bert Charron knows the Copper Cliff mill like the back of his hand — he's worked there for all of his 38 years with Inco.

General foreman for the past nine years, Bert has retired on early service pension. He was honored by some 200 friends and associates at a farewell banquet held at the Copper Cliff Italian Club. Among the guests was Paul Queneau, assistant to the chair-



Mr. and Mrs. Charron

man, New York, who presented him with an autographed copy of the book "The Winning of Nickel," of which he was co-author.

Born in Cobalt and brought up in Quebec, Bert came to Copper Cliff to work on plant construction, then joined the Company as a filterman in the mill in 1930. He was made flotation boss in 1941, shift boss in 1949, and general foreman in 1959. He and his wife, Florence LaLancette when they were married in 1933, have one daughter and four grandchildren.

Never one to sit still anywhere for very long, Bert plans an active retirement divided between traveling, his well-equipped basement workshop, and the family camp on Lake Penage.

LEO MCGILLIS

Refreshed and tanned from a month in sunny Florida, following his retirement from the Copper Cliff smelter on early service pen-



Mr. and Mrs. McGillis

sion, Leo McGillis and his two bulldozers are raring to go and willing to clear camp roads anywhere in Ontario.

Leo was a welder for 28 of his 32 years with Inco. Born in Smith's Falls and brought up in Kingston, he joined the Company in 1936, and was married to Juliette Gauthier in Sudbury in 1938. One of their family of two, daughter Claire is the wife of Copper Cliff maintenance electrician Gerry Gamble. Five grandchildren round out the family.

ANDRE KERESZTESI

Born in Hungary in 1910, Andre Keresztesi sailed for Canada in 1929. He became an Inco man at the Port Colborne nickel refinery



Mr. and Mrs. Keresztesi

in 1941. Almost all of his service with the company has been in the electrolytic department, where he was a boxman at the time of his recent retirement on disability pension.

Andre married Anna Beluzar in Welland in 1942. They have one daughter, residing in North Bay.

Fishing and flower and vegetable gardening will fill up Andre's time from now on. He is especially fond of his rose beds.

PETE ZUPANIC

Now sitting back and "taking it easy for the first time in my life," Pete Zupanic is enjoying a special early service pension after 32



Mr. and Mrs. Zupanic

years with the Company at Frood. A salvage man since 1966, Pete left his home town in Croatia in 1928, and started with Inco in 1937. His marriage to Anna Jurcic took place in 1923, and the couple have one daughter and one grandson, both living in Yugoslavia.

YVES LEMAY

Born in France in 1904, Yves Lemay lived in Montreal until he first came to Port Colborne and the Inco refinery in 1922. He left in 1925 to return to Montreal for



Y. Lemay

12 years before returning to the nickel refinery in 1937. Most of his Company service was in the leaching and calcining department where he was a butler operator from 1951 to 1965. He then transferred to the mechanical department where he remained until his special early service retirement.

He served in the infantry section of the Lincoln and Welland Regiment from 1940 to 1946, and was wounded in action.

He married Anna Dick in the spring of 1948. They have one daughter, and Yves has two sons by a previous marriage.

A highlight of Yves' retirement will be a flight next fall to Holland, Belgium, France and England.

RUDY TREMBLAY

A property of 115 acres near Wahnapiatae, described by its owner as "mostly good solid northern rock," is where Garson disability pensioner Rudy Tremblay will be spending his retirement years. A powderman for the last 12 of his 31 years with Inco, Rudy joined the Company in 1937, two



Mr. and Mrs. Tremblay

years after he left his home town of Chicoutimi in northern Quebec.

He and his wife, Alma Savard when they exchanged vows in 1937, have a nicely balanced family of four sons and four daughters. Three sons still representing Rudy at Inco are Bob and Albert at Levack, and Roger at Garson. Eleven grandchildren round out the family.

LIONEL RENAUD

Lionel Renaud's 53 Rayside Township acres will be getting



L. Renaud

his full attention now that he has retired on disability pension after 28 years with Inco. A timberman at Frood mine for the last 23 years, Lionel joined the Company there in 1939. Born in Sturgeon Falls, he married Jean Durand in Sudbury in 1942. Two of their family of three are Inco employees: Leo is a driller at Levack, Ray a conveyorman at the Clarabelle open pit.

TONY ROBERTI

Few men have an island they can retreat to after their working days are done, but Copper Cliff



Mr. and Mrs. Roberti

smelter disability pensioner Tony Roberti is a man with that distinction — he owns Swiss Island in Sudbury's Ramsey Lake.

A smelter utility man since 1944, Tony has racked up 33 Inco years. His life began in Italy and he joined his father in Canada in 1927. Rose Castanza was his bride of 1936, and one of their family of three, Bob, is a Copper Cliff mason. Three grandchildren complete the Roberti family.

LIONEL GLADU

It was in 1942 that Lionel Gladu swapped the chores of his 125-acre farm on McFarlane lake for a job at Inco with the miscella-



Mr. and Mrs. Gladu

neous fitters at Copper Cliff. Now, after 24 years with the Company, he is retired on disability pension, having laid down his tools as a maintenance mechanic at the coal plant. Lionel became father to four of his nephews and nieces when he married his brother's widow, Mrs. Alice Gladu, in 1948, and since then 13 grandchildren have been added to the family. Son Emery is a driller at Frood, and daughter Dianne is the wife of Lawrence Lake who works in the FBR building at Copper Cliff.

JACK NASH

Jack Nash lived in Toronto for 25 years after his arrival from Bristol, England, where he was born in 1904. He was a master plasterer by trade, as were his



Mr. and Mrs. Nash

father and brother, and came to Humberstone in 1938 to work for O'Hara Construction.

He started at the Port Colborne nickel refinery with the ironworkers in 1942, and in 1964 went to the carpenter shop as a box-maker. He has retired on full service pension.

Jack married Muriel Miller in Toronto in 1925. They had been next-door neighbors in their younger days. Of their family of six, four reside in the Port Colborne area. They are proud of their 12 grandchildren.

Jack has always been an active man and will remain so during retirement. He was an accomplished singer and very much enjoys listening to the classics and symphonies. He enjoys fishing for pickerel at Pigeon Lake and has gone deer and bear hunting in the Haliburton region and the Bruce Peninsula for the past 20 years. His latest endeavor has been oil painting, and he has done some fine landscapes.

PAUL MALLETTE

Retired on early service pension from the copper refinery is Paul Mallette, a bachelor and glad of



P. Mallette

it. "I've just never felt like settling down to married life," said he. "I'm going to buy or build myself a little home, probably at Sturgeon Falls, and live happily ever after."

Born in Montpelier, P.Q., Paul worked on the family farm at Sturgeon Falls and in the lumber camps until coming to the tankhouse at the copper refinery in 1947.

He's pulling for Canadiens to win the Stanley Cup again.

JOHN HAYNES

A spare-time prospector for most of his life, John Haynes has completed 30 years with Inco, has retired on service pension from his job as timberman at Creighton,



A GROUP OF HIS FRIENDS and co-workers gathered to say farewell to popular "Fitz" Fitzjohn on his retirement from the stores department at Clarabelle open pit. The old ball player who was catcher for Frood Tigers 30 years ago in the Nickel Belt League is seen front and centre, beside general purchasing agent B. M. Forsythe, who made the presentation.

ED FITZJOHN

Retired now on service pension from Clarabelle open pit, Ed Fitzjohn's credited service of 20 years would have been closer to 40 years if he hadn't left the Company for other fields in 1947.



Mrs. Fitzjohn

As a young man of 25 he started in the warehouse at Creighton mine in 1929, was at Frood when he made his service break. He returned two years later to work underground at Murray, and in the

and is now eagerly awaiting the delivery of an electronic mineral detector. "This is when spare time becomes full time," said John. "Now, I'm off to find that gold



Mr. and Mrs. Haynes

mine in the sky." Born in Dillonvale, Ohio, he came to Canada in 1925 and joined the Company in 1939. A Sudbury wedding in 1940 united John and Carrie Ricci; one of their family of two, Diana Haynes is a key punch operator with the data processing department at Copper Cliff.

DELBERT RIVERS

A chute blaster at Frood since he joined Inco in 1944, "Del" Rivers liked the job "because it gave me a chance to move around the mine and meet lots of people." Born and brought up on a Britt farm, he worked at a munitions factory at Nobel before joining the Company, and had piled up nearly a quarter-century of service prior to his recent retirement at age 65. Eva Dupuis was the young bride who walked down the aisle with "Del" in 1925, and in the following

following years was employed in the stores section there, as well as at Frood open pit, Stobie and Clarabelle. His marriage to Marion Gribble was solemnized in Copper Cliff in 1936, and the couple have a daughter and three grandsons.

Two months as an inactive pensioner were enough for Ed, who now has a full-time job — as a storekeeper.

years presented him with a family of five. He will still be on the



Mr. and Mrs. Rivers

move visiting offspring and grandchildren in Timmins, Toronto, Elliot Lake and in Sudbury.

DON McNABB

A first class maintenance mechanic at the Copper Cliff mill for the past 18 years of his 21 years with Inco, Don McNabb has retired on disability pension with a heart condition.

Born in Collingwood, Ontario, and brought up in O'Donnell and Copper Cliff, he joined the Com-



Mr. and Mrs. McNabb

pany at the Copper Cliff car shop in 1941. He enlisted in the Royal Canadian Navy in 1942, and spent three years as a stoker on destroyers.

He returned to the Company in 1945 and worked as a locomotive fireman and engineer before settling in the mechanical depart-

ment in 1951. He was married to Gladys Belisle of Webbwood in 1944, and they have a family of five.

As well as a busy community worker, Don was vice-president of Local 598, Mine Mill and Smelter Workers Union, in 1959, and president of District 6, United Steelworkers, from 1961 to 1964.

He is now attending evening classes, preparing to enter university to study business administration. An ardent sportsman in his youth, Don wished to be remembered to his team-mates of yesteryear.

JOSEPH COTE

Relaxing and enjoying life at a slower pace is going to be the trend followed by the Cotes now that Joe has retired on a disability pension.

Born in St. Prosper, Quebec, in 1909, Joe worked as an underground asbestos miner for 13 years, then moved to Port Colborne in 1943. Starting at the nickel refinery in 1946, Joe has seen all his service in the electro-



Mr. and Mrs. Cote

lytic department where for the last nine years he was employed as a head pressman.

In 1913 he married Cecile Jacques in Robertsonville, Quebec. With two sons, three daughters and eight grandchildren, Joe and Cecile are both proud and a happy couple. Their three daughters live in the Port Colborne area.

Joe has taken an active interest in community affairs. In his leisure time he plans to spend as much time as possible hunting and fishing at his cottage near Huntsville.

JOE LYRETTE

It was the better pay rates at Inco that prompted Joe Lyrette to make his move from Geraldton to Frood in 1935. He broke his



Mr. and Mrs. Lyrette

service in 1943 to operate a 160-acre farm at Markstay, but returned to mining at Murray in 1948, and was a motorman there for the six years prior to his recent retirement on disability pension.

A Markstay girl, Laurentia Poulin exchanged vows with Joe in 1938, and the couple have a family of five, with six grandchildren. Daughter Estelle is the wife of Garson miner Mike Arcand. The door of Joe's camp on the Wahnapitae River will have a permanent sign hanging on it this summer — "Gone fishing".

Concentrators Stage Great Comeback to Win Shift League Hockey Laurels



After dropping the first playoff game to Converter Combines, and trailing two goals in the second, Concentrators launched a comeback that carried them to the Copper Cliff shift hockey league championship and the Park Lane trophy. "It was one of the best title series the league has ever had," said Jerry Renaud, the athletic association's dedicated shift hockey convener.

On the left, above, **CONCENTRATORS**: front, playing coach Frank O'Grady, Tug Parri, Jack Dore, Ray Frattini, Calvin Basso, Chucker Reagan; back row, Mike Orsae, Ray Campbell, George Lische, George Strong, Johnny Bossey, Rolly Larouche, Leo Duhaime, Doug Caisson; not shown, manager Ray Smythe. On the right,

CONVERTER COMBINES: front, manager Marcel Malette, Lou Marois, Ron Hebert, Ray Warkus, Don Lavoie, Norman Gagnon, coach Frank Morrow; back row, Wayne Doherty, Albert Daniels, Murray Prpic, Gerald Lagrue, Ivan McGarry, Bill Stone, Ray Gouin, John Yeo; not shown, Joe Paquette, Allan Kirk, Dennis Tucker.

Other teams in the successful league were Electrical (Keith Van Buskirk, coach, Walley McBain, manager), Warehouse (Lionel Bechard, coach, Gerry Mills, manager), Town (Dennis Hannah, coach, Paul Aloisi, manager), Converter Hornets (Ronald Kunto, coach, John Paquette, manager), Reverb Aces (D. R. Racine, coach, Arnold Pharand, manager), Iron Ore Braves (Kenneth Sellem,



coach, Enzo Floreani, manager).

League referee-in-chief was Jack Newell. In the semi-finals Concentrators defeated Warehouse, and Converter Combines took Iron Ore Braves, both in two straight games.

With 42 goals and 40 assists for a total of 82 points, Albert Daniels of the Combines won the league scoring championship; he's seen on the right receiving his trophy from Jerry Renaud. Close runner-up for this honor was John Yeo, also of Combines with 80 points.



Lapp Couple Unusual Visitors at Smelter



Lapp herdsman Ambers Lars Bueng and his wife Kirsten took time out from installing a herd of Norwegian reindeer at the Wavey Farm on Great Cloche Island to tour the Copper Cliff smelter. Seen above with the couple at a reverberatory furnace matte launder are Ontario division general manager J. A. Pigott, Carmen Fielding, brother of Cliff Fielding, who imported the reindeer, and, Inco executive secretary Jo McMullen.

Lars and Kirsten, who were chosen from over 100 applicants for the job of travelling with the

four bucks and 10 does by jet cargo plane from Oslo, tended their charges for two months after their arrival in Canada.

One of the area's leading conservationists, Cliff Fielding hopes that the reindeer will eventually cross-breed with the local white-tailed deer that live on his island wildlife sanctuary, some 75 miles from Sudbury near Manitoulin Island, and produce offspring that will be more mobile in deep snow. A reindeer's hoof covers six times the area covered by the hoof of a white-tailed deer of similar weight.



Captain Alvin Harder receives the championship trophy from Manitoba division general manager John McCreedy. Team members in the picture, left to right, Stewart Johnstone (coach), Dick Branning, Gordon Rondeau, Garry Ward, Eric Burnside, Lorne Kuzma.

Refinery Again Thompson First Aid Champs

Realistic detail, and teams trained to near-professional calibre, hallmarks of International Nickel first aid competitions, were much in evidence at Thompson in the Manitoba division's annual final contest.

A smooth-working Refinery team, coached by Stewart Johnstone and captained by Alvin Harder, again emerged triumphant from the keenly contested event, defeating the Mines and Maintenance teams for the championship. Judges, who had high praise for the first aid know-how and skill of the competitors, were Dr. J. B. Johnston, Dr. J. D. Spooner, and the Manitoba Mines Accident Prevention Association's safety director, J. W. Jeffries of Winnipeg.

In presenting the Inco Trophy and prizes to the Refinery team, division general manager John McCreedy warmly congratulated all the participants in the competition, both victors and vanquished, and also all individuals connected with the first aid training program. His remarks made the point that the Company regards safety as of equal importance with production in the success of its operations, and

first aid training as a keystone of the safety program.

Personnel of the other two teams in the final contest were: **Maintenance**, B. Mutschell (coach), C. Senger (captain), J. Cunday, B. Ukrainetz, G. Wakeman, E. Hooge, T. Frederkson; **Mines**, M. Beer (coach), B. Montgomery (captain), S. Moroz, P. Chicoine, A. Unger, D. Taylor, D. Salyon.

Three patients were involved in the difficult problem set by the safety department to test the competence of the finalist first-aid teams. An explosion in a bush camp oil storage building, caused by a contractor breaking the no-smoking regulations, had resulted in such injuries to three workmen as fractured lumbar vertebrae, major burns, fractured upper arm, and haemorrhage from embedded glass, as well as making one man hysterical. The first aid team, working nearby, quickly arrived on the scene. By sharp observation and questioning the umpire they quickly diagnosed the condition of the three victims and administered treatment with exemplary skill and thoroughness.