

# INCO TRIANGLE

VOLUME 31

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NUMBER 1



*True to An Ancient Custom*

(STORY ON PAGE 4)



Miss Susan Reeves, occupational therapist at Sudbury General Hospital, is one of hundreds trained as projectionists by the Sudbury and District Film Council. "I expect that the Council's film service will be extremely helpful in my work," she said. Checking her out on the projector is Dave Yeomans, chairman of the Council for the past three years.

## Thousands Benefit from Film Council's Service

You'd think going to a movie would be the very last thing Dave Yeomans would pick for an evening out with his wife Betty. In the course of his community service work Dave watches more movies in a year than lots of people see in a lifetime. Yet he's such a film buff that, when he does get some spare time to himself, he very often heads for a theatre and settles down with a bag of popcorn for a couple of hours of relaxation.

Dave is chairman of the Sudbury and District Film Council, an organization headed by a volunteer executive which makes a vast selection of documentary films available on a regular basis to local clubs and other groups for the enjoyment and education of their members. It also trains projectionists, and even supplies the machine and the screen. Last year it furnished films and equipment for 800 showings, involving

audiences totalling at least 25,000 people.

Headquartered in the Sudbury Public Library, for which it acts as an audio-visual auxiliary, the Council keeps on hand a stock of 60 16mm sound films, either color or black-and-white, covering a great variety of subjects of interest to all ages. This stock is renewed monthly from a library of about 500 films rotated during the year among the 25 councils belonging to the Northern On-

Conferring with Film Council secretary-treasurer Mrs. Helen Gordon is Gunter Jakelski, making a film selection for the German Canadian School Association, one of 100 organizations belonging to the Council. Gunter works in the maintenance department at Copper Cliff North mine.



tario Film Federation of which Dave is also the current president.

### Biggest Bargain Going

Membership in the Sudbury Film Council has to be just about the biggest bargain going in the entertainment line. "Upwards of 100 local organizations, such as hospitals, churches, ethnic groups, technical groups, unions, playground associations, sports car clubs, riding clubs, and so on, are among our members," Dave Yeomans said. "The annual fee is \$20.00, entitling the organization to the use of our projection equipment 12 times during the year as well as a choice from an almost unlimited variety of films which include some fabulous photography by National Film Board crews as well as private producers. Industrial or commercial firms pay \$30,000 a year. Non-members are charged a very

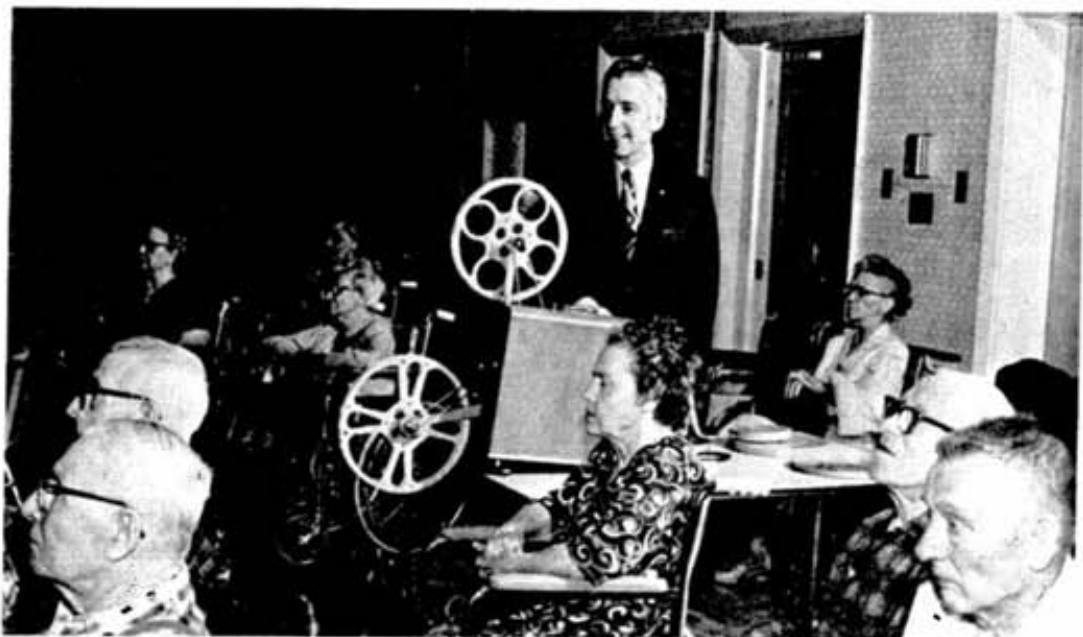
modest fee for one-time use of the service."

Most of the organizations have one or more of their members trained as projectionists, another service provided by the Film Council. Classes of five trainees are scheduled as requested, and on the average 60 qualified projectionists are "graduated" during a year. In this connection a special assignment cheerfully taken on by the Council was the training of 30 district people attending a seminar held in Sudbury by the North Central Regional Library Board.

### Honoring Beethoven

"The Council is always ready to co-sponsor — with local organizations — special programs in the public interest," its dedicated chairman said. "Usually there are about two of these specials

(Continued on page 5)



George Bulmer, of the No. 1 time office staff at Copper Cliff, is one of the Council's long-time volunteer projectionists. Here he is screening a film in the weekly show staged by the Council for the senior citizens in the fine big auditorium at Pioneer Manor.



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LARRY CARRIERE of Creighton engineering department started with the Company in 1956. His father, Hector Carriere, a 1st class maintenance mechanic at the Frood, has been with Inco for 41 years. His wife, Linnette, came from Iroquois Falls. Larry likes bowling, golf, and snowmobiling with his sons, Alain, 4, and Michel, 7. The Carrieres live in New Sudbury.



PIPEFITTER 2nd class Julius "Slim" Toth's service at the Port Colborne nickel refinery dates back to 1942. He was with the bricklayers for 14 years prior to transferring to the pipe shop in 1963. Slim enjoys fishing while his wife Helen is an expert hairdresser and dressmaker. Sons Gary, 15, and Brian, 12, lean to auto mechanics and electronics, and Cynthia, 11, likes sewing.



A 20-YEAR Inco employee, Georges Raymond is a 1st class mechanic at the Copper Cliff North mine garage; he was born near Buckingham, Quebec. His wife, Rollande, a registered nurse who came from Three Rivers, is an assistant cubmaster in Sudbury, where the family resides. Georges likes tennis and skiing, and camping with the whole family. The two Raymond children are Luc, 10, and Cecille, 7.

## INCO FAMILY ALBUM



WALLY NEVEN, a shift boss at Stobie mine, started with the Company at Creighton in 1950. Born in Newport, Vermont, he grew up in Quebec's Laurentians. His wife Doreen was originally a Copper Cliff girl, the daughter of the late Hugh Johnstone, a converter boss in the smelter. Their two children are Linda, 16, and Gary, 19. The whole family enjoys outdoor activities.

BUD ROHN and his wife Jane are both from Smiths Falls, in the Ottawa Valley. Bud started with Inco in 1964 after working on construction and for the CPR. He is a drift driller at Murray, and is captain of the mine rescue team. Their children are Pam, 7, Shawn, 6 and 8-month-old Colleen. The family enjoys water sports and winter skiing.



BOTH UNO HELLAK and his wife May were born in Estonia and came to Canada in 1951, the year Uno started with Inco at Copper Cliff, where he is a skimmer in the converter building. Their children are Sven, 16, and Debbie, 14. The Hellaks live in New Sudbury, but spend many happy hours on their farm at Massey. Before coming to Inco, Uno spent five years in the British merchant marine.



## 40 Years of Steady Safety Praised at Coniston



A safety record reaching back more than 40 years was the big topic at Coniston smelter on February 7 when the sinter plant section of the Cresswell shift completed one million man hours without a lost-time accident. The late pensioner, Harvey Benoit, was their foreman when the sinter plant crew, on March 30, 1930, started a no-accident run that was to span more than four decades. None of the original gang is still on the job, although Andy McLean, who later became general foreman of the shift, was then working in another section of the plant. But a tradition of safe workmanship was established and faithfully carried on by succeed-

ing personnel, with the happy result that the shift's relatively small sinter section crew has stepped into the "millionaire" class in Inco safety.

Two pensioners from the shift, Ernie Poirier, former sinter plant foreman, and Aime Gosselin, former sinter machine man, turned out along with a strong representation of supervision to join in congratulating the men on the unique record.

In the back row of the photograph are John Wojciechowski, Yvon Desrouleaux, Claude Grenier, Art Carriere, Walter Hurley, Don Danis, Ted Clark, Gus Pietrandrea, Ken Ranger,

Denis Collin, Phil Moreau, Claude Chevrier, and Ray Bouchard (plant safety supervisor); in the front row, Basil Henderson (relieving sinter plant foreman), Pietro Grindatto, R. L. Snitch (plant superintendent), pensioner Ernie Poirier, Bob Cresswell (general foreman), J. R. Feick, Copper Cliff (superintendent of smelters), Art Poirier (sinter plant foreman), pensioner Aime Gosselin, Andy McLean (plant safety instructor), Reg MacNeil (assistant plant superintendent).

Members of the "millionaire" crew not present for the picture were Raoul Dauphinais, Ricky Riva, Doug Buker, Gilles Plante, and Alex Gauthier.

mother to daughter through generations. A "pysanka", after receiving the Easter blessing, is held to contain great powers as a talisman.

### Used As Charms

In the past in the old country, "krashanka" shells were placed in the thatched roofs of peasant homes and under hay mounds to turn away high winds. Beekeepers put them under hives for a good supply of honey, and on St. George's Day farmers would roll a "krashanka" in green oats and bury it in the ground so that the harvest would be full and not harmed by rain and wind.

Blushing Ukraine maidens present their favorite beaus with a special "pysanka". This indicates a fondness, and an engagement to be married is likely to follow.

The beauty of Ukrainian Easter eggs has long been recognized. What once seemed to be only an ancient tradition is now accepted as a distinct and well-developed branch of folk art, a definite contribution to world culture. Perhaps nothing better illustrates the Ukrainian feeling for beauty and form.

## Vic Lynden Got Hot



Evening Tribune

## DECORATING EASTER EGGS OLD UKRAINIAN FOLK ART

### (THE FRONT COVER)

For the majority, Easter Sunday 1971 has come and gone. However, for people of Ukrainian origin Easter Sunday this year falls on April 18 — this coming weekend.

Backgrounded by a multi-hued hand-woven "kylim", a combination of colorful Ukrainian national costumes and richly orna-



mented eggs provided a polychromatic subject for this month's Triangle cover when the camera visited the Ukrainian Cultural Centre on Kathleen Street, Sudbury.

Part of a class of 20, the three pert young misses gathered

around instructor Olga Dawydiak had been studying and practicing the traditional art of egg decoration since mid-February. They are Lesia, 9, daughter of copper refinery tankhouse employee Terry Yemchuk; Doris Sawkiw, 8, whose dad, Harry, is a maintenance mechanic at the Copper Cliff smelter; and Doris Chomickij, 9, daughter of Creighton driller Roman Chomickij.

Most of the eggs in the display, including a giant from a goose and a miniature laid by a bantam hen, were beautifully decorated by Mrs. Dawydiak. Her husband Walter is a shift boss in the FBR extension at Copper Cliff. Both born in the Ukraine, they came to Canada in 1951.

"Painting the eggs calls for a steady hand, a good eye for symmetry, practice, and lots of patience," she said. An expert, she can complete the free-hand design and dye application on an egg in about two hours.

### Religious Symbolism

The egg has been associated

with mythical and religious ceremonies from earliest pagan times, symbolizing nature's rebirth, but with the advent of Christianity it became the representation of man's rebirth and was likened to the tomb from which Christ rose. In the year 988, when the Ukraine accepted Christianity, the decorated Easter egg became an important symbol in the rituals of its new religion.

Of the various types of Easter eggs in the Ukraine, the "pysanka" and the "krashanka" are the most widely known. The "pysanka" is decorated with written designs and then dyed in several colors. Not to be eaten, they are raw eggs which are allowed to dry out. "Raw eggs do not always dry out and there are some disastrous results", advised Olga, so she uses eggs that have been emptied. "Krashanka" is a hard-boiled egg, dyed a solid brilliant color, which may be eaten.

Each province, each village, indeed almost each family in Ukraine, has its own special ritual, its own symbols, meanings and secret formulas for dyeing eggs. These heritages are preserved faithfully and passed down from

A 73-year-old pensioner, former purchasing agent at the Port Colborne nickel refinery, Vic Lynden is still spilling the maples high wide and handsome as he has for years. In a 10-pin league match at the Inco Recreation Club on March 21 he was right in the groove, bowled 10 straight strikes, left five pins standing with his 11th ball, then picked up the difficult spare for a total of 285. It was the highest 10-pin single score ever rolled on the Inco club alleys. "Now if I can just get my golf swing going like that, I'm going to have a pretty good year," nonchalantly commented the pipe-smoking veteran.



#### ANCIENT COPPER CLIFF TRIBE, IN BORROWED FINERY, OVERPOWER DELL'ANNAS

Partly by brilliance, and partly by sheer weight of numbers, Copper Cliff Old-Timers, with Joffe Perras as playing coach, overpowered Levack's Dell'anna Coyotes in all three games of an exhibition series played through the winter. Nobody

got hurt, and everybody had a lot of fun. Levack coach Ron Smith made the gallant gesture of bringing along an extra set of uniforms so the Copper Cliff tribe would look respectable for the grand finale.

COPPER CLIFF: (kneeling) Tom

Willgus, Lacey Cull, Walter Lalonde, Doug Mazerolle, Frank Attwood, John Robson; (standing) Alex Burns, Joff Perras, John Filshie, Jim Curry, Ello Flora, Don McCroome, Eric Fenton, Rolly Larouche, Bill Stevens, Bob Young,

Gerry Potvin.

LEVACK: (kneeling) Ron Smith, Ron Corelli, Jim Hart, Winston Campbell, Clarence Benoit; (standing) John Fleming, Joe Bignucolo, Don Goodman, Dennis Wrixon, Gilles Charbonneau, Harry Johnson.

## Thousands Benefit

(Continued from page 2)

in a year. An example is a program to be staged in the Library auditorium on April 17-18, in which we are co-operating with the German Canadian School Association in observing the 200th Beethoven anniversary by screening the opera "Fidelio." The general public is of course invited, admission free.

"Other special programs may involve a speaker, or a panel of experts for a question-and-answer period, as well as educational films. Such subjects as mental retardation, sex education, speech therapy and drug addiction may be chosen."

Dave, whose Inco duties are in the staff payroll section of the accounting department at Copper Cliff, has been a worker on the Sudbury Film Council for 10 years and chairman for the past three. With him on the executive of this little-publicized but extremely valuable community service, which was originally established in 1946, are Derek Elliott, vice-chairman, Mrs. Helen Gordon, secretary-treasurer, and committee members Mrs. Jim Haley and Milton Fiss. Unsung volunteers are the 15 trained projectionists who take turns screening films at such

events as the weekly show for the residents of Pioneer Manor, which runs from October through May and is deeply appreciated by the senior citizens.

#### Interesting Workshops

Workshops are periodically arranged at which Council members learn something of the expertise involved in scriptwriting, video tape recording, and other aspects of film production from a National Film Board representative. Closer liaison between the volunteers and the professionals will undoubtedly develop if the Film Board opens an office in Sudbury, as has been rumored.

"Locally we preview about 30 new films during the fall and winter months," said Dave, "but the big overall selection to update our stock is made at the annual 'film showcase' session held at Geneva Park, near Orillia, where we rate about 100 new films in the space of four days or so. You get bogged right down before it's over, trying to absorb and judge them all, but it's a tremendous experience."

"Helicopter Canada", the beautiful and dramatic tour of the country from sea to sea that scored a smash hit at Expo 67, is among the color films avail-

able among the hundreds in the Council's directory. Another is "Nahanni", in which the camera goes along with Albert Faille, an aging prospector, on one of his annual canoe safaris into the wilds of the Northwest Territories to find the hidden gold told about in the legend of the Nahanni River.

Closer to home, films depicting the mining, milling and smelting, and refining operations of International Nickel are available for the asking.

#### Enormous Variety

Travel in Canada and in many foreign countries, the sciences, pollution control, safety at home and in outside activities, problem drinking, the drug scene, life in the Arctic, Canadian folk dancing, and the discovery of insulin are a few of the subjects professionally handled in the seemingly endless list of documentaries. For sports fans, among the entertaining and instructive features are curling, skiing, hockey, figure skating, canoeing, golf, judo, and motorcycling.

The younger generation comes in for extensive coverage. For the guidance of parents there are film studies of the behavior and problems of children from infancy through adolescence and the teens. For the youngsters themselves there are any number

of delightful cartoons and features, including such classics as Rumpelstiltskin, The Great Toy Robbery, Jacky Visits the Zoo, The Little Engine That Could, The Shoemaker and the Elves, and Paddle to the Sea, a film of a little Indian in a canoe, hand-carved in the northern forest and, in the spring, launched toward the sea. There are many adventures in this happy 28-minute color story, all photographed with great patience and an eye for the beauty of living things.

#### Warren Orr Honored

Warren G. Orr, International Nickel's corporate manager—organization development, with international responsibilities, was recently awarded the Society for Advancement of Management's most coveted distinction, the Professional Manager Citation. The presentation was made at New York.

Mr. Orr has been prominent in the continuing management training programs conducted at the Company's training and development institute at Sudbury, and also at Toronto.

Teacher: "Ray, make up a sentence using the word intruder."

Ray: "The girl's father threw him out but he came back in thru der window."

### Jack Angove Skips the Big Winner in Electrical Department 'Spiel



Since the event was staged at Coniston, it was only fitting that a Coniston man, Jack Angove, should skip the winning rink in the O'Keefe event at the fifth curling bonspiel for members of the Inco electrical department and guests. With Jack

on the victorious lineup (picture No. 1 above) were Joe Desjardins, Mark Tennure, and Ric Lacroix.

In the 2nd event skip Matti Tuomi came through with a sensational draw on his last rock to put the

decision away for his Levack rink of (second picture above) Tom Luoma, Denis Pigeon, and Gerald St. Amant. A foursome from the meter department at Copper Cliff, skip Jim Brown, Sid Yates, Bruce Kutchaw and Frank Schleman,

shown on the right, took the third event.

The 31-rink 'spiel was smoothly run by Ed Traill, Rolly Albert and George Joyce. The boys are talking about setting up a regular curling league schedule next season.



**RON SIMON**

A converter building matte lifter, 25-year-old Ron Simon is using an air hoist to remove a 5-inch slab of Bessemer matte from a cooling mould. The impure metal will be shipped to Copper Cliff for further processing.

An Incoite since 1965, Ron started at Copper Cliff, transferred to underground operations at Creighton the same year, and to Coniston in 1967.

The eldest son in a family of 14, he was born and grew up on a dairy farm five miles north of Warren, and married Jacqueline Giroux of nearby River Valley in 1966. They have two children.

Ron drives some 70 miles daily between his home in Warren and his job at Coniston.

He still has a yen for the farm, and would be milking cows yet if there "was just a little more money to be made from the land."

**AMIE RACINE**

Safely shielded in his control cubicle, skimmer Amie Racine is shown as he pours a stream of 2,000-degree matte from his big converter into a transfer ladle.

Amie's employment with Inco dates back to 1951 when he started at Coniston as a converter tuyere puncher. "In those days we punched with bar and sledge hammer," he recalled. "It sure was a blessing when pneumatic punching machines were installed."

One of a family of eight, he was born in Sturgeon Falls in 1937, and married Jeannine Dugay of nearby Cache Bay in 1954. They live in Sudbury and have a family of four sons and two daughters.

One of Amie's hobbies is coaching a bantam hockey team at the McLean playground. His lineup includes two of his sons.

Two of his brothers also work at Coniston. Leo is a binman and Rene a crane man.

**BILL DALYK**

First aid man Bill Dalyk is a second-generation Inco employee — his father, Frood pensioner Bill Dalyk, retired from the Company in 1966 with 33

## Meeting People in a Walkabout at CONISTON SMELTER



years' service. Bill the second started with Inco at Copper Cliff in 1954 on the reverb furnaces, transferred to the safety department in 1969, and to Coniston this year. He married a Sudbury girl, Noreen Calway, and is the father of five children.

His interests include tinkering with cars and fishing for bass in the Killarney area. Bill lives in New Sudbury. He was photographed while removing a troublesome speck of dust from an employee's eye.

of Coniston took place in 1956. Their family of two boys and two girls range in age from 14 to 3.

Off the job, Roger is active in community service organizations.

**WAYNE BRYANT**

Photographed while drilling components for the trucks on the electric locomotives, Wayne Bryant is a 2nd class machinist in the machine shop. He started with the Company in the Copper Cliff machine shop in 1965, after working for a year with a survey crew for the Ontario Department of Highways. His wife, Sonya, calls Matachewan, Ontario, her home town. The Bryants have one daughter and live in Sudbury. Wayne grew up at Gore Bay, on the Manitoulin, and gets back to the island regularly on fishing and hunting jaunts.

**ROGER SARAZIN**

A maintenance department fitter, Roger Sarazin was winding a new cable on a tugger hoist when the Triangle camera caught this picture of him.

Born in Sudbury in 1934, Roger grew up in the city, and following high school attended night classes at Nickel District Collegiate studying auto mechanics. "I wanted to be a crane operator," he said, "and I needed a hoisting engineer's certificate." He got it, and handled construction cranes for seven years before joining Inco at Coniston in 1957.

His Company service includes several years at Copper Cliff where he worked in the blacksmith shop and as a crane man.

His marriage to Verna Davis

**ROY ELLIS**

Apart from the first six months of his Inco career, when he was a miner at Frood in 1948, Roy Ellis has been em-

**PAT SCOTT**

Pat Scott, who was born in Toronto but grew up in Wawa, Ontario, came to Inco in 1968 after working five years in mining, first in the Helen mine at Wawa, and then with Sherritt Gordon at its nickel operation at Lynn Lake. He is the industrial relations and personnel assistant at the Coniston plant. His wife, the former Isabel Casey, works as a stenographer in the staff personnel department at Copper Cliff. For recreation, Pat likes snowmobiling and fishing in the River Valley and Capreol areas. The Scotts live in Coniston. He's shown handling an enquiry from an employee's wife regarding the Company's broad benefit program.

ployed as a sampler in the metallurgical department.

He left the mine for Copper Cliff, transferred to the iron ore plant when it came on-stream in 1955, and moved to Coniston last year.

The camera zeroed in on Roy in the laboratory balance room where he was weighing a sample of pulverized slag in preparation for assay.

Englehart was his birthplace in 1922. He left there for the Royal Canadian Navy in 1942, and served as a stoker in both Atlantic and Pacific theatres of war.

He and his wife — Peggy Land of Massey before they were married in Sudbury in 1951 — are parents of two teenagers and have been foster parents to a family of four girls and a boy for the last eight years.

In his leisure time Roy enjoys studying mineralogy and geology, and making prospecting trips into the countryside around Sudbury. He also raises English springer spaniels.



**"RED" LEONARD**

Adjusting the motor brushes on one of the two 40,000-cfm 15-pound blowers in the plant powerhouse, here we see first class maintenance electrician "Red" Leonard.

Christened Raymond following his birth in northern England in 1927, his fiery locks soon landed him the standard nickname.

He spent the first year of his life in the old country, then sailed to Canada with his parents and grew up in Coniston. He joined Inco at the Coniston smelter as an electrical apprentice in 1943.

A single man for many years, "Red" "looked hard but could never find just the right one" until he met widow Marion Swicker. They were married in 1968. They have a son, Glendon, from the previous marriage, and little Mark came along in 1969.

"Red's" hobby of carpentry has kept him busy over the years. He built himself a summer camp on the west arm of

Lake Nipissing, two sturdy boats to go with it; his most recent accomplishment was the construction of a new home on Walter Street in Coniston.



**JED WOOLCOMBE**

Jed Woolcombe came to Inco in 1969 after completing two three-year hitchhikes in the Canadian army. His service included 12 months on the island of Cyprus.

An oiler, he was photographed while applying lubricant to the rollers on the moving grate of a sinter machine.

He and his wife Jessie both hail from Ottawa where they were married in 1969. Their first-born, Ken, arrived last December.

Answering a query regarding his unusual first name, Jed explained, "I was christened John Edward Douglas, but as soon as I was old enough to write my name, together with initials, I was rechristened by my friends."

A resident of Garson, Jed is 28, and keeps in shape with hockey. He plays left wing with the Strom team in plant shift league competition.



**ALLEN FORD**

Allen Ford was born in Durham in northern England. "That makes me one of those 'Geordies' that you may have heard about," he said with a grin and a wink.

Allen joined Inco at Coniston

in 1966. Before that he spent six years sailing the high seas with the British Merchant Marine. "After travelling all over the world," he said, "I decided that Canada was the best place to settle — so here I am, and I've never been sorry about my choice." Allen is 28 years old.

A loader, he is seen filling a charge car with limestone from the blast furnace charge floor bins. The stone is used as a flux in the plant smelting process.

Susan Lagree was Allen's bride of 1968. Born in Midland, she moved to Coniston with her parents when she was five. The Fords have one son, born last August. They live in Hanmer.

**BATTISTA DeMARCHI**

It was in 1951 that Battista DeMarchi traded the warm climate of Italy for the bracing winters of Northern Ontario. He came to join an uncle living



and working in Coniston, and was soon employed with the transportation department, starting as a trackman. A brakeman for many years, he has been a conductor since 1968.

His fiancée, Rita Gasparini, came from Italy in 1952 and they were married the same year. They have one son and two daughters.

Battista has not entirely forsaken his original trade of shoemaker — he enjoys keeping his family's footwear in good repair.

Another spare time activity that is dear to his heart is wine making. His annual basement activity among the bottles and barrels usually converts some 1,000 pounds of grapes into about 60 gallons of red and white wines.

Despite having to work outside in all kinds of weather to keep the smelter rolling stock moving, Battista wouldn't have it any other way. "It's a good, healthy life," he said. "Sure beats working inside."



**EMILE RACINE**

Photographed at the controls of one of the 12 compressors that provide combustion and operating air to the smelter, powerhouse engineer Emile Racine started his association with Inco at the copper refinery in 1943.

The general foreman of a White River sawmill before his shift to Copper Cliff, Emile left and returned to International Nickel three times before finally settling at Coniston in 1951.

A farm near East Aldfield, Quebec, was his birthplace in 1913. He left there in 1937 — "to go out into the tall timber and become a lumberman."

He and his wife — Sudbury girl Eugenie Varier before their 1942 marriage — have a king-size family of eight, ranging in ages from 27 to 9.

Emile's enjoyment of carpentry and plumbing has stood him in good stead over the years. "We've had to enlarge our house to keep up with our growing family," he said with a grin. "I've added three more rooms since we moved in."

**FORESEE WATER SHORTAGE**

Phelps Dodge Tube Co. of South Brunswick, N.J., is now marketing two types of high-efficiency, enhanced-surface copper-nickel tubes that offer improved heat transfer characteristics, especially in desalting and waste water reclamation plants.

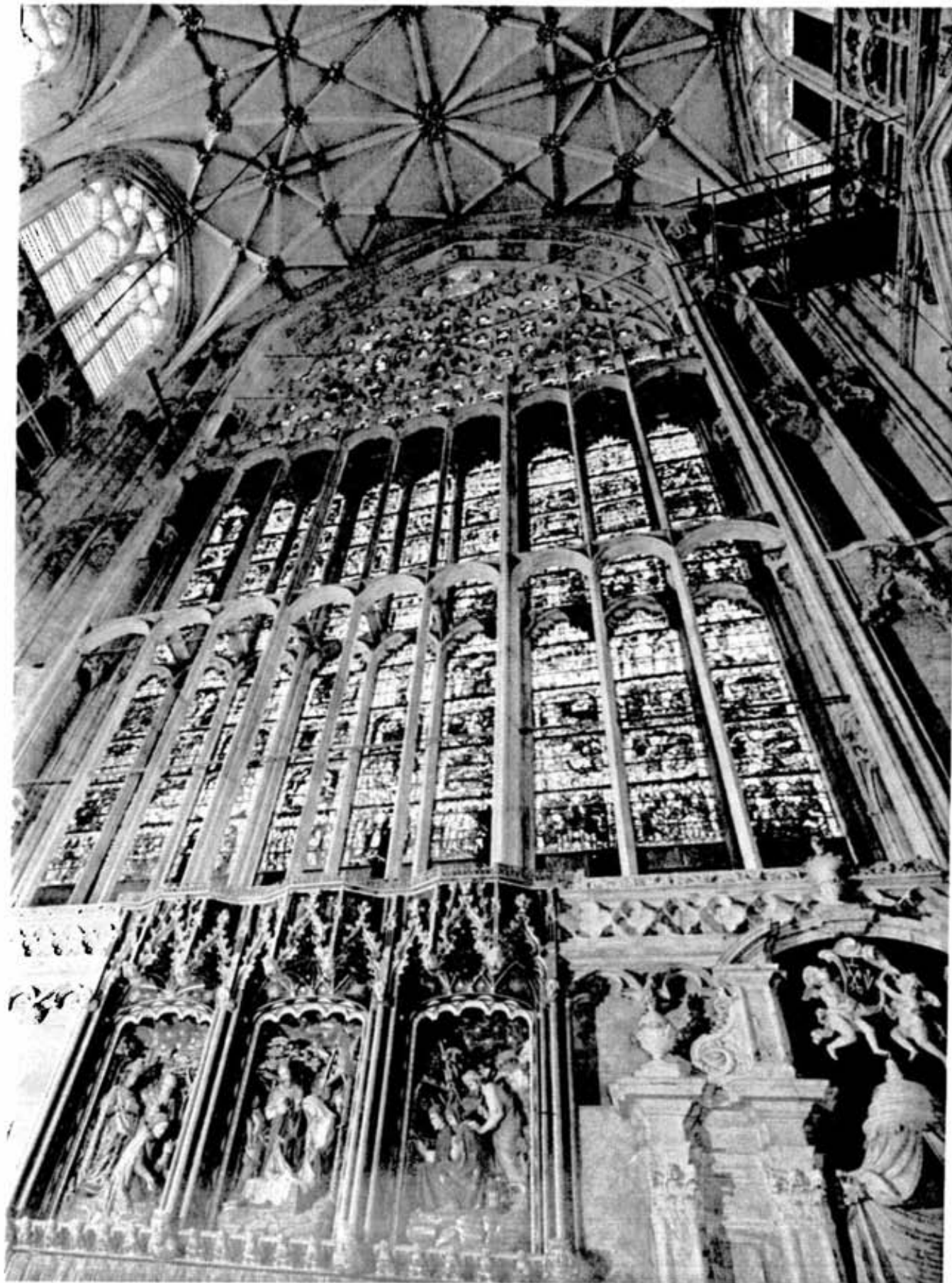
Benoit J. Sirois, director of technical development, said: "Man's ever-increasing need for water will necessitate an expanding use of the ocean as a source of fresh water."

"The economics of making fresh water from the ocean are closely related to the size and cost of the heat transfer equipment used."

"Through making these tubes available and by our continuing effort to develop improved heat transfer tubes, a significant contribution is being made in the development of efficient, low-cost distillation units for the recovery of fresh water from the seas and from industrial waste waters."

Julius Caesar, on first seeing Cleopatra: "What a perfect XXXVI — XXVI — XXXVI!"



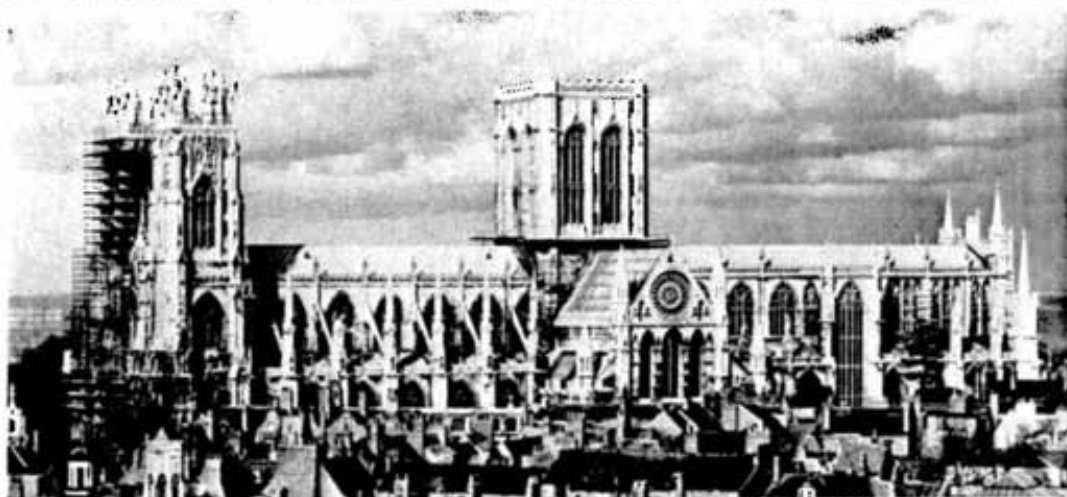


Robert Maynard-Smith

THE GREAT EAST WINDOW in the Minster, painted in the 15th Century, is larger than a tennis court. To save it from collapsing, horizontal ropes of nickel stainless steel were attached to node points on the interior tracery. In the reflected colors of the stained glass they are scarcely visible.



SCAFFOLDING swarms over a facade of York Minster as the immensely complicated program proceeds for restoration of the famous English cathedral, which was completed in 1470. An archaeological "dig" at the site disclosed traces of many buildings dating as far back as the 1st Century A.D., explaining the crumbling footing which has gradually placed the beautiful architecture in peril.



Shepherd Building Group, Ltd.

## Scorned As "Devil's Metal", Now It's on the Lord's Side

*Miners in early Saxony were thwarted in their efforts to smelt promising copper ore. Superstitiously they blamed "Old Nick" for casting an evil spell on the ore, and hence the mysterious element that confounded them came to be known as "The Devil's Metal". It was not until 1751 that it was identified as nickel, doubtless getting its name from this original unholy association but now long praised as "The Wonder Metal" for the unique virtues of strength and corrosion resistance it imparts to thousands of alloys. So history comes full cycle as nickel, once roundly cursed by medieval miners, goes to the rescue of a majestic medieval cathedral.*

By DEIRDRE LANE-COOPER

**H**ISTORY has finally caught up with York Minster. The ravages of fire, flood, invasion, civil war and innumerable rebuildings have left their mark on this magnificent example of English cathedral architecture. In 1965, it was discovered that the 750-year-old structure was in danger of crumbling and — like London Bridge — simply falling down. Up to a few years ago this would have been a tragedy of the first magnitude. Today it is a challenge — for 20th-Century technology is saving this 13th-Century masterpiece.

The discovery was made by an architect, Bernard Feilden, who is surveyor of the fabric of York Minster. His was the awesome task of examining the huge edifice, stone by stone, diagnosing the problem and then prescribing a remedy which would preserve this Gothic treasure for future generations.

Two years of careful examination disclosed a dismal state of affairs. There were indications that the very foundations of the

Minster were failing, while it was obvious that much of the superstructure was cracked, that right angles were no longer true, window sills were sagging, the upper part of the Central Tower was bulging out, and the priceless stained glass in the Great East Window was threatened. An archaeological dig confirmed Mr. Feilden's worst fears. An appeal fund was launched by the late Lord Scarborough to raise the £2,000,000 required to finance the vital restoration work.

### An Involved Diagnosis

Before finally deciding how to cure the Minster's sickness, the architect, together with consulting engineers Ove Arup and Partners and the Shepherd Building Group of York, realised that they must understand the historical background to the problem before they could consider tackling it. Over the centuries, many myths had arisen which confused both historians and 20th-Century architects. But the archaeological dig helped clear up many of these mysteries and enabled Bernard Feilden and his team to approach

their daunting task knowing most of the factors involved.

As early as the 1st Century A.D., a Roman legionary fortress existed on the present site of the Minster. Until the withdrawal of Roman forces over 300 years later, this headquarters was rebuilt and strengthened many times, and included a basilica as large as the nave of the present Minster.

In 627 A.D., the conversion of King Edwin of Northumbria to Christianity was occasion for a small timber oratory to be built on the site. This was soon superseded by a large church of stone.

One century later that building was replaced by a larger and grander Saxon basilica which survived until a disastrous fire demolished it at the time of the Norman invasion in 1066. Within ten years, work had commenced on the construction of the first Norman cathedral; it was larger than the Saxon churches but built on the same site, using much of the original foundations.

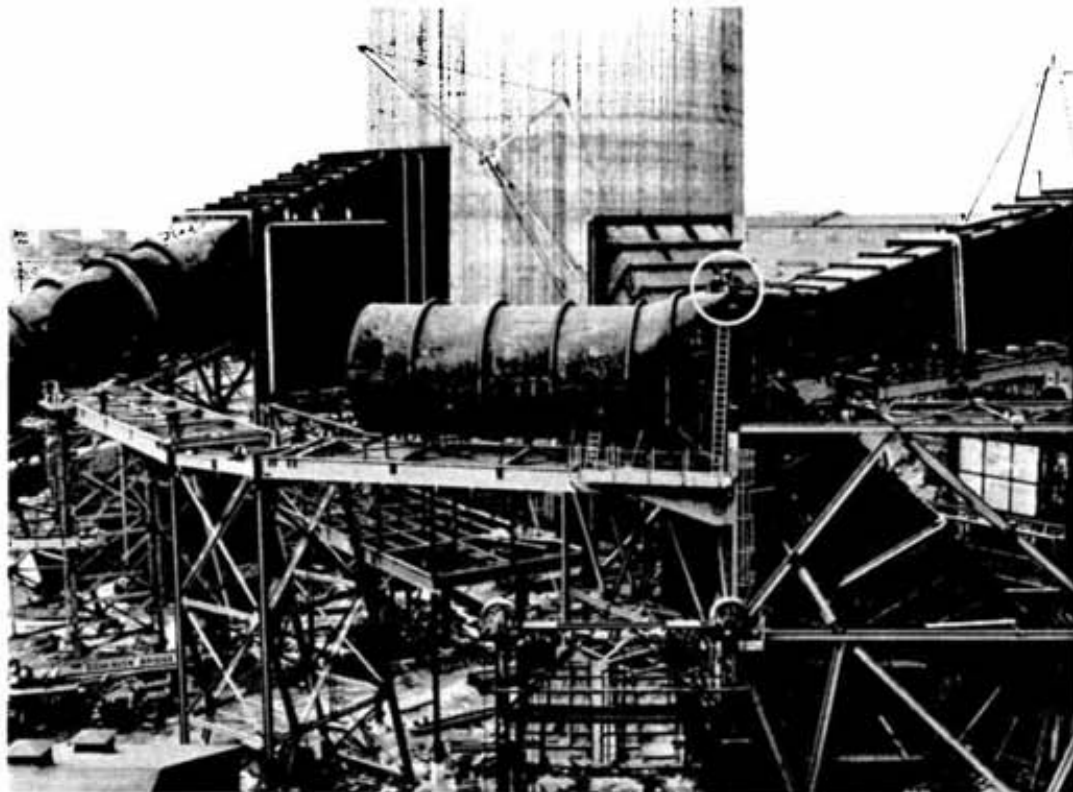
### Started in 1250

No major part of that building now remains above pavement level due to the complex rebuilding which started in 1250 and finally ended in 1472. The influence of several archbishops and the Royal House of York contributed to the splendor and magnificence of the cathedral, but the successive buildings and adaptations — one on top of each other — have contributed to the parlous state of the structure. Even now

(Continued on Page 12)



**NICKEL STAINLESS STEEL** was cast in the starring role in the £2 million program for the restoration of ancient York Minster. Here a workman inserts one of hundreds of stainless steel supporting rods in the threatened masonry.



The open area around the 116-foot diameter base of Copper Cliff's super-stack has long since vanished under a sea of steel as the new smelter flue system is connected to the breeching openings. Size of this huge system is indicated by the two welders (white circle). Co-ordinating installation work in this congested area called for master engineering.

#### Huge Project on Schedule

## 7,000 Tons of Steel In New Flue System

Towering vastly aloof over its three still busy "little brothers", the 1,250-foot concrete stack at Copper Cliff may at a distance look like a sleeping giant these days, but there's nothing slumberous about the immediate scene as construction crews push ahead with the formidably complex job of connecting the super-stack to the smelting operations.

Almost two-thirds of a mile of steel flues, ranging in size up to huge 25x40-foot rectangular segments and 22-foot diameter circular sections, are being installed to carry gasses to the new chimney from collecting points in the smelter. One run of flue will travel 115 feet above ground over the roof of the concentrator building.

Total weight of these flues — they're fabricated from 5/16-inch steel plate — will be 3,300 tons. Trestles, bents and towers on which the flues will be supported will involve 2,300 tons. Another 1,500 tons of structural steelwork will be used in building two additional electrostatic precipitation plants, and enlargement of existing precipitator capacity, to remove dust from the smelter gasses.

#### **Need a Shoehorn**

Installation of this new flue system, a major project by any yardstick, is infinitely more complicated in the congested areas of the plant where much of it must be located. Said Fred Svenson, Inco assistant chief engineer (construction): "Marrying an intricate system like this to a well-established plant such as ours called

for a lot of head scratching, very closely planned co-ordination, and frequent use of the proverbial shoehorn."

Copper Cliff general engineering department personnel were responsible for the conceptual stages of the project, and worked with Dominion Bridge Company engineers during the design period.

Designed to carry gasses traveling at a top speed of over 55 miles per hour, and at a maximum temperature of 735°F, the flues will expand and contract freely along their length through 88 carefully placed diaphragm-type expansion joints, made of nickel stainless steel.

Applied externally to prevent heat loss, mineral wool and fibre glass insulation around the flues will be protected from the elements by a wrapping of thin nickel stainless steel sheet. Total

weight of this sheeting alone will be over 150 tons.

Conservation of heat in the flues is not only important in maintaining necessary chimney draft, but also in preventing condensation which would set up corrosion points. As a further precaution against corrosion, a vacuum box is used during assembling of the flues to test all joints and welds for the tiniest leak which would draw in cold outside air and cause condensation.

#### **Repeatedly Monitored**

Vital to the successful operation of the entire assembly as an environmental control measure, 13 monitoring stations will be established at strategic points on the new flue system. At each station regular samplings will be made to determine the dust burden, temperature, and volume of the gas flow.

When the new stack, highest in the world, was topped off by Canadian Kellogg Company last August, one week ahead of schedule, the average layman assumed that it wouldn't be much longer until its three "little brothers" — less than half its height — were capped and the towering skyscraper would take over the full job of handling the smelting operation gasses, diffusing them at such heights that any subsequent ground concentrations would be harmless. Comparatively few had any conception of the enormous amount of work still to be done before the super-stack would go into actual operation.

First, of course, there was the job of safely removing the elaborate system of yokes, slipforms, jibs and hoists by which the stack was built. Then the permanent lightning arresters, and the top-



As many as 10 trucks a day arrive with prefabricated steel flue plates which are welded together at the site. Three of the plates shown here will be joined to make a 22-foot diameter flue section, or "can" as the steel men call it.



to-bottom inside ladder with platforms for servicing the aircraft warning lights, had to be installed. The central construction tower, protruding above the top of the stack, was left in position to be used in installation of the stack liner.

#### Huge Cranes on Job

These details completed, Canadian Kellogg Company bowed out of the action and Dominion Bridge Company took over. Together with a work force of 120 men, it has moved a swarm of mobile equipment to the site. A dozen cranes, varying in size from two 140-ton giants with 250-foot booms down to nimble 12-ton units with a 70-foot reach, are among the major items, along with a battery of 40 welding machines.

Brought in by truck, the prefabricated flue plates are welded together on the site into sections which the steel men call "cans". The number of rings joined together in a "can" depends largely on the amount of space available

to hoist it into position on the trestle. In an uncongested area a "can" may be 40 feet long and weigh as much as 40 tons.

With flue installation and precipitator construction going full blast, the next major undertaking is hanging the 2,000-ton insulated steel stack liner through which the gasses will rush skyward to the troposphere. But that's a big story in itself, and will be told in a later issue of the Triangle.

The \$16.6 million project of stack, flues, and electrostatic dust precipitators, representing about one third of the capital expenditures presently committed by International Nickel to its huge environmental control program for air quality in the area, is proceeding on schedule.

Described by Dominion Bridge Company project superintendent John Martinuk as "the trickiest and most challenging construction job I've ever tackled in my 24 years at this game", the installation when completed will be a triumph of engineering skill and ingenuity.

### Long-Time Inco Director on Field Trip

A geologist of world renown, Dr. Donald H. McLaughlin of San Francisco has been a director of International Nickel since 1948. Here, during a visit to the Sudbury area, he and H. F. Zurbrigg (left) of New York, vice-president—exploration, study a map of ore distribution at the MacLennan mine, shown them by exploration geologist Carl Gourley, Copper Cliff.



A hearty lunch at a diamond drill camp was enjoyed by Dr. McLaughlin and his escorting party following an underground field trip. At the table, from lower left, are C. Gourley; Jim Burns and Ron Brown, respectively area geologist and area superintendent, Crean Hill-Totten-Victoria mines; Dr. McLaughlin; Gordon Merriam, Copper Cliff, manager, mines exploration, Ontario division; Ron Taylor, Toronto, director of exploration; Guy Bray, Copper Cliff, superintendent of geological research; vice-president Frank Zurbrigg.

### 56 Rinks in Engineering 'Spiel



Three deadly serious skips shown in action are Mike Skirda (Copper Cliff), Jerry Cullain (Toronto), Hank Fiacconi (Copper Cliff).

All sporting white sombreros, doubtless as a symbol of purity, 224 curlers and almost-curlers had a great get-together at the Copper Cliff general engineering department's annual bonspiel.

Two rinks from the Inco central engineering department at Toronto, and personnel from consulting and construction firms, were among the guest artists who helped make the meet a resounding success.

Four-end games speeded up the

action, with scoring done on the point system. Leno Crema and his Copper Cliff entry of Sandy Sandiford, Mike Sharpe and Tony Johnstone piled up the highest aggregate and were proclaimed first winners of the 'spiel's new trophy.

Gordon Harry handled the 56-rink draw in his usual flawless manner. Arrangements were in the capable hands of chairman Albert Rebellato and a 12-man committee.

### Russell's Esso League Champs

Led by sharpshooting Dennis Wing, Jim O'Gorman and Ray Decaire, Russell's Esso, undefeated during the season, trimmed Parklane two out of three in the playoffs to capture the championship of the Copper Cliff Athletic Association's shift league and the Parklane trophy.

Lineup of the victors included John Tarini, Paul Aloisi, Elgin Bolton, Ray Decaire, Brian Fletcher, Shane Fletcher, Bob Gervis, Mike Grace, Mike Heaphy, Mike McGuire, Jim O'Gorman, Bob Polano, Dave Polano, captain Dennis Wing and playing coach Dennis Hannah.

"We had a big season, with eight teams and lots of good clean action," said energetic Ray Fratini, league supervisor. "We cer-

tainly appreciate the support of the CCAA in making ice time available for us at Stanley Stadium."

In the semi-finals Russell's Esso beat Reverb Aces, coached by Ivan Thurlow and captained by Paul Lebel, while Parklane, coached by Frank O'Grady and captained by Chuck Regan, took the measure of Mill Warriors, coached by Dave Parker and captained by Clarence Clement.

Other teams in the popular loop, with their coaches and captains, were Metallurgical (Gerry Lagrue and Dennis Tucker), Iron Ore plant (Jim Spotswood), Fievoli's IGA (Ray Robillard and Peter Tait), and Separation (Lucien Tremblay and Jack Churchill).

The league individual scoring championship was won by Ray Decaire with 30 goals and 27 assists.

### \$1,000 Award for "Just a Little Idea"

"My father always said there couldn't be a better company to work for than Inco, and boy oh boy do I ever agree with him," said Jim Scott with a mile-wide grin as he received a \$1,000 Suggestion Plan award from Frodo-Stobie area superintendent Sid Sheehan (left) and assistant mines manager Tom Parris. An Inco man since 1948, Jim about two years ago put in a suggestion that igniter cords for blasting be purchased in smaller rolls to avoid waste. "It was just a simple little idea, and I'd forgotten all about it," Jim said. But long-term evaluation of the suggestion paid off to the tune of one thousand sweet smackers, less income tax, for its astonished and delighted sponsor.





## Scorned As "Devil's Metal"

(Continued from Page 9)

there are traces of Roman and Saxon masonry below the Norman foundations.

Many ideas were developed, examined and rejected before the architect and his team selected the most appropriate scheme. Designed to obey the basic principles of conservation—making the best use of material that already exists and ensuring that all new work is invisible—the final plans cast nickel stainless steel in the starring role.

The most pressing problem was the Central Tower, in particular the foundations. A collar was drawn around the old Norman masonry, to prevent it from bursting out, and an enlarged concrete foundation was then clamped on to the stonework. Nickel stainless steel rods, 104 in number, were threaded through to join up the new and the old fabric. To strengthen the superstructure, 12 stainless steel rods were inserted into each side of the tower about 120 feet above ground level. The North-West and South-West towers were reinforced in a similar manner at three different levels.

### Took 3 Years to Paint

One of the most precious treasures of the Minster is its stained glass, in particular the Great East Window. The largest single area of ancient stained glass in the world—bigger than a tennis court—it was painted by John Thornton of Coventry in the early 15th Century. The panels depict subjects from the Old and New Testaments, the prophets, Christian saints, English kings and Archbishops of York. It took Thornton three years to complete his masterpiece—for which he was paid a total of £56.

Examination had shown that the east wall inclined 25 inches out of true and that the window itself was bowing a further 9 inches! It was possible to strengthen the foundations and fabric of the wall, but it was impossible to remove the stained glass and repair the tracery. This priceless window had to be made safe as it stood. But how? After experimenting with several schemes, and then rejecting them as being too visible, the restoration team found the answer—three horizontal stainless steel ropes. Attached to node points on the interior tracery they become virtually invisible in the reflected colors of the windows.

### Delicate Marble Saved

Another challenge for which stainless steel provided the solution was that of an ancient tomb. The canopy of Archbishop de Gray's 13th Century tomb is supported by delicate columns of Purbeck marble. These 4-inch diameter columns have now been strengthened by the insertion of stainless steel cores. According to Bernard Feilden, the conserva-

tion techniques used in York Minster would not have been possible were it not for nickel stainless steel. He and his team have further refined and developed methods successfully used 40 years ago on St. Paul's Cathedral, London.

The restoration team are particularly proud that the Dean and Chapter of York can boast "we never closed". Throughout the program, all services and ceremonies continued without interruption. But the architect, engineers, surveyors, archaeologists and all concerned with saving this ancient cathedral, take even more pride in the fact that their work will ensure its continued existence for at least another 500 years.

## Inco Praised for Its "Flexibility"

Exmibal (Exploraciones Y Explotaciones Mineras Izabal, S.A.), a Guatemalan subsidiary of The International Nickel Company of Canada, Limited, has reached an agreement with the Guatemalan Government which will be the basis for seeking to arrange the financing required for this nickel-producing project. The Hanna Mining Company owns a 20 per cent interest in Exmibal.

Commenting editorially, the newspaper Prensa Libre reported a "festive mood" regarding the agreement, which "opens the way to the first large scale industrial promotion of non-renewable resources of the country, under conditions that doubly assure just benefits from a very large investment of private capital."

"Public opinion should not lose track of the fact that the representatives of the company showed much flexibility, intelligence

and understanding attitude, even though they were legally authorized to operate in the country," Prensa Libre stated. "Great benefits were achieved without any financial sacrifice on the part of the country."

### Announced February 26

The agreement was announced by the Guatemalan government on February 26. Provisions in the agreement call for it to progressively acquire up to 30% ownership in Exmibal.

Implementation of the agreement is conditioned on financing arrangements being worked out that are satisfactory to International Nickel. Construction of the necessary facilities cannot begin until then and would require about three years.

The total investment in the Exmibal project is currently estimated at \$250,000,000 to produce 60,000,000 pounds of nickel annually.

## Appointments

The following appointments have recently been announced in the Ontario division:

### COPPER CLIFF

**F. E. Roberts**, maintenance superintendent, Creighton mine.

**K. P. Stone**, chief maintenance planner, Creighton mine.

**P. F. Venus**, mine engineer, Crean Hill mine.

**Brian Hemingway**, public relations officer, public affairs department.

### PORT COLBORNE

**C. H. Ott**, assistant to the manager.

**Wm. Kantymir**, assistant to superintendent, electrolytic nickel department.

### TORONTO

**W. R. O. Aitken**, director, projects, central engineering department.

## Trophies Presented To Lady Curlers

There were enthusiastic turnouts at the annual banquets and prize presentations of three ladies' curling organizations this month.

Trophy-winning rinks in the Copper Cliff Ladies' Curling Club were: Darrach event, Jean Merla (skip), Peggy Wharton, Maddy King, Sally Homer; Carling Christmas event, Phyllis Duncan (skip), Karine Turcotte, May Brown, Marion Connors; Legion event, Eleanor Flowers (skip), Biddy Hews, Marg Learned, Vera Crowder; Colts event, Doreen Buchanan (skip), Maddy King, Ollie Bird, Lorraine Bangle; Jessup event, Eleanor Flowers (skip), Jan Noonan, Freda Johnson, Louise Parr.

In the Copper Cliff Business Girls Curling Club the season's champion rinks were: Schenley event (club championship), Nancy White (skip), Nori Smania, Helen

## Annie Doesn't Play There Any More

The Women's Lib movement was jolted to a sudden stop, as far as minor hockey is concerned, when the long arm of the NOHA reached down and ousted popular little Annie Szarko from her defence spot with the Azilda Pee-wees in the Nickel District Minor



Hockey Association. "What's a nice girl like you doing in a rough game like this?" said the NOHA, ruling No Ladies Allowed.

When Annie played her last league game for Azilda, against Levack Pee-wees at the Levack Arena, they decorated the rink with banners proclaiming it "Annie Night". Terry Hamilton, secretary-treasurer of Levack Minor Hockey Association, presented hockey's only defence-woman with a special trophy. "She's a darned good little player," he said, "and we'll miss her."

Taylor, Eleanor Hobden; Business Girls event, Marion Connors (skip), Linda Roy, Nancy McFarlane, Jane Favot; St. Pierre event, Joyce Nelson (skip), Maureen Houle, Isabel Scott, Joan Marshall; Darrach event, Eleanor Hobden (skip), Shirley Harju, Barbara Cuddy, Pat Zilio.

### Two Groups at Levack

Levack Ladies' Curling Club schedule was divided into two sections, afternoons and evenings. Victors in the afternoon draws were: Mathilda event, Ida Ryter (skip), Helen Corkal, Siona Shalla, Theresa Ayotte; Endelman event, Dora Jessop (skip), Betty Kauppinen, Dorothy Buckingham, Marie Roy; Palumbo event, Betty Kauppinen (skip), Siona Shalla, Nori Kehler, Ruth Mornan; Dell'Anna event, Joanne Petit (skip), Camille Shailer, Betty Cameron, Nori Kehler.

Evening draw champions were: Levack Dairy event, Noella Winn (skip), Helen Kean, Gail Corelli, Pat Dane; McNamara event, Julie Belter (skip), Kathy Briscoe, Gail Corelli, Gabrielle Dominic; Gianini event, Siona Shalla (skip), Julie Belter, Vi O'Bunsawin, Pat Dane; Shield event, Noella Winn (skip), Marie Roy, Ramone Crepeau, Simonne Dupuis.

## On Another Type of Launching Pad



Minus the Martian regalia he wore as an astronaut, Scott Carpenter looked pleasantly relaxed at the wheel of the service vehicle in which he travelled down the ramp at Creighton mine with assistant mines manager Tom Parris (left) and Teddy R. Guenther (right), steel company executive. He had zoomed part way to the stars, and lived deep in the ocean, but this was his first trip underground.

## Carpenter Urges More Attention to Ocean's Potential

Scott Carpenter has been to outer space, and he has lived for a month on the ocean floor, and he is convinced that oceanography holds far greater promise for the ultimate benefit of man than the moon ever could, "even if it were covered with diamonds".

The former United States astronaut, whose three-orbital flight of the earth in 1962 made him his country's second adventurer in space, following by three months the historic first flight by John Glenn, was a Sudbury visitor on March 25. He addressed an overflow meeting of the local branch of the Canadian Institute of Mining and Metallurgy, and then fielded a wide variety of interesting questions from the fascinated audience of 600.

While he in no way discounted the tremendous scientific value of moon landings, which had been man's glorious dream for centuries, Mr. Carpenter deplored the lack of technological advancement in exploring the vast potential of the ocean.

After his 10-year experience as one of the seven original U.S. astronauts, he was assigned to the U.S. Navy's "Sealab" underwater research program. He acted as training officer for the Sealab-2 project, and was officer in charge of the submerged diving teams during the operation. He remained at a depth of 205 feet for a period of 30 days, for which he was awarded the Navy's Legion of Merit.

His observations during this pioneering project "sold" him

completely on the advantages to be gained from mounting an investigation of the ocean's potential, on a scale comparable to the enormous cost of the moon flights and the projected platforms for living and working in space.

"Thousands of times nearer at hand", the ocean offered vast resources of oil, minerals, food, and desalinated water to offset shortages now foreseen as inevitable.

Mr. Carpenter's reference to undersea mineral potential was in part an indirect reference to International Nickel's investigation of the possibilities of raising metal-bearing nodules from the ocean floor. It was reported in the October 1968 issue of the Triangle, under the heading "Some Day We May Mine the Ocean for Nickel". A report of further oceanographic studies by the Company, involving a 34-day voyage covering 3,600 miles of the Pacific Ocean, will appear in an early issue.

Now technical liaison chief for space age developments by the Atlantic Steel Corp. of New York, Scott Carpenter accompanied Teddy R. Guenther, sales director of that company's engineering division, on a business trip to Sudbury. Mr. Guenther addressed the Institute meeting on new steel products of special interest to the mining industry.

### GOOD COMPANION

A minister, returning from an early-morning sick call, noticed one of his parishioners staggering home from the pub. "Let me help you to the door," he offered.

At the door the drunk wanted the cleric to come in but he begged off because of the late hour. "Please reverend, just for a minute," pleaded the man. "I want my wife to see who I was out with tonight."



## Beauparlant's Warriors Mine Hockey Kings

Two Stobie teams battled it out in a five-game playoff series for the championship of the Inco inter-mine shift hockey league, with Basil Beauparlant's 600 level lineup finally taking the measure of the Bernie Beaudry brigade from 1400 level.

The victors appear above: back row, Bob Leduc, Ernie Rogerson, Jean Guy Levesque, Gaston Gagnon; centre row, assistant coach Moe Pilon, Phil Pacaud, Ray Trotter, Yvan Gunville, Dave True, coach Basil Beauparlant; front, Pete Bourgois, Eddy Gervais, Armand Desjardin, Denis Lacroix; not shown, Marcel Gagnon.

Also playing in the enthusiastic

league were Frood, coached by Eddie Murdoch, Copper Cliff North, coached by Bob Roy, and another Stobie 600 level team coached by Walter Connell. The mine athletic associations gave the teams strong backing, supplying equipment and ice time at Copper Cliff Stanley Stadium.

### Hockey Telecast

Through the sponsorship of International Nickel, the final match on March 13 of the annual Canadian Inter-Collegiate Athletic Union hockey championships was telecast for the first time over the CBC national network from the Sudbury Arena.

## Mechanical Team Won at Port Colborne



Bill Kantymir

In a hotly contested three-team match for first aid supremacy at the Port Colborne nickel refinery, the mechanical department No. 3 squad earned the right to compete in the surface plants quarter-final at Sudbury on April 15 for the Crowther Trophy. Kneeling are George Frey, Barry Bitner, Robin Barnes; standing, captain John Cormier, Norman Hillier, assistant to the manager, who made the presentation, coach Gene Szalkai, holding the H. W. Walter Memorial Shield, and Ed Charlebois. Placing second was ENR "B" shift, coached by Jay Ayres, and third was the Shears team, coached by Keith Haggerty. About 250 attended, including a group of Cubs and Boy Scouts. Judges were T. M. Crowther and H. Derks of Copper Cliff.



## At Copper Cliff . . .



CHARMING LITTLE GEISHA GIRLS FROM JAPAN



HIGH-KICKING CANCAN DANCERS FROM GAY PAREE

## Figure Skating Clubs Stage Grand Finish to Big Season

Almost 800 skaters took part in three colorfully costumed and choreographed presentations that wound up another happy, healthy, and highly rewarding season for Inco family members in the Copper Cliff Skating Club, the Belaire Figure Skating Club of Port Colborne, and the Levack Figure Skating Club. Large audiences were generous in their applause for the smooth-flowing performances of the guest artists and senior skaters, but reserved their warmest appreciation for the wobbly, tumble-prone little tots who more than made up with eager determination what they lacked in skill and grace.

### Behind the Scenes

Unsung heroes of all three ambitious productions were the large phalanxes of behind-the-scenes workers such as the ice captains and coaches who assisted the club professionals in organizing and training the group numbers, the hard-working costume makers, the executives and committee chairmen who handled vital arrangements like props, lighting, music, makeup, programs, tickets, etc., and, last but by no means least, the "skating mothers" without whose unflagging zeal the big shows would never be possible.

"International Skaters" was the theme of the 1971 Copper Cliff ice extravaganza, and international it was in the fullest sense of the word. No less than 16 countries were represented by the costumes of the performers taking part in the long program and its grand finale.

A special treat was the brilliant skating of the two guest soloists, Rogers Uemae, a former member of the Copper Cliff Club who was senior men's silver medalist in the recent Canada Winter Games, and Daria Prychun of Toronto, senior ladies' gold medalist at the Winter Games. These young artists gave dazzling exhibitions.

The general carnival committee was composed of E. Basso, chairman, Mrs. M. Pressacco, Mrs. J. Basso, Mrs. M. Houley, Mrs. V. Jack, Mrs. J. Kent, Mrs. M. Rondina, Mrs. L. Bardeggia, Mrs. G. Creasey. Club professionals were Alan McPherson, Susan Metcalfe, Joyce McKenzie, Candace Logozzo, and Dorothy McCarthy. Backing them up strongly were Club president Jim Metcalfe and his executive.

### Double Production

At Port Colborne the Belaire  
(Continued on Page 19)



BRILLIANT SOLOISTS



EXOTIC ARABIANS



ITALIAN SENORITAS AND IRISH COLLEENS



HOLLAND SENT THESE DELIGHTFUL AMBASSADORS



## *At Port Colborne . . .*



FAIRY GODMOTHER, CINDERELLA, AND THE PRINCE



KNIGHTS AND LADIES AT THE GRAND BALL



SOME OF PORT COLBORNE'S SNAPPY SAIORETTES



HARD-ROCK MINERS WAITING FOR THE CAGE

## *At Levack . . .*



SKATING CLUB'S COACHES WORE FORMAL GOWNS



THESE CHARMERS APPEARED FOR TOWN'S SKIERS



MANY ACTIVE LEVACK GROUPS REPRESENTED HERE

# Retired on Inco Pension

WITH 20 OR MORE YEARS OF SERVICE

## LEE CLATTENBURG

"We would set out between three and four each morning to get ahead of the wind, and usually get back before evening with the catch. A boat would come up from the packers every day, wea-



Mr. and Mrs. Clattenburg

ther permitting, to pick up our lobster catch". This was out of Pleasant Harbour, east of Halifax, Nova Scotia, Lee Clattenburg's birth place on January 9th, 1917.

Lee also picked apples in the bountiful Annapolis Valley and teamed horses in bush camps. He turned to shipbuilding and repairs at the Dominion Coal and Steel Yards in Dartmouth when World War 2 broke out.

Lee joined Inco at the nickel refinery in Port Colborne in 1947. His entire Company service has been in the electrolytic department. He was a boxman when major surgery dictated his disability retirement.

Jacqueline Michaud and Lee were married in Port Colborne on March 25th, 1960. He considers himself a "dedicated fisherman", even though fish seem scarce at times in the district. Lee is also an old-time fiddler of considerable renown; he's been fiddling since he was 14, when he picked it up from his dad and was the long-time fiddler for the Willoughby Ramblers, a popular foot stomp'n country music group which cut several good selling records. The Clattenburgs plan on remaining in the Niagara region.

## STUART MCBETH

Whenever Stu McBeth travels the Trans-Canada Highway in the North Bay area, he knows the road like the palm of his hand.



Mr. and Mrs. McBeth

And well he should — he helped build it during the depression of the early thirties, at the meagre wage of \$10 per month and keep.

He also farmed for 10 years around North Bay, where he was born, before coming to Inco in 1937.

He spent all his Company years in the crushing plant at Copper Cliff, where he was a shift boss. In 1940, he married Edna Ewin, who died in 1953.

When he married Mabel Brett in 1957, Stu doubled his own family of three children to six, and the total now is seven. The McBeths also have three grandchildren. On a disability pension, Stu feels fine as long as he slows down the pace. The McBeths will continue living in Copper Cliff.

## JOE NAGY

"I did a lot of farm and construction work during my first 12 years in Canada. I helped finish building No. 12 unit at the Nickel Plant, and when the job was completed, I was hired by Inco." So Joe Nagy sums it up as he retires on pension.

Joe was born in Fuzesabony but grew up in Szarvako, Hungary. His brother, Louis, also a Port Colborne nickel refinery



Mr. and Mrs. Nagy

pensioner, sent him a steamship ticket to come to Canada in 1929, but it wasn't until 1942 that he became an Incoite. His entire service has been in the electrolytic department, where he was a basement pumpman at the time of his service retirement.

Rose Nagy (no relation) remained Rose Nagy by marrying Joe in 1951 in Port Colborne.

Growing roses gives Joe a lot of pleasure and satisfaction. As a matter of fact, practically his entire yard is filled with rose bushes.

Joe is looking forward to being on pension. He and his wife will continue to reside in Port Colborne.

## IVAN NARIZHNI

Born in the Ukraine Ivan Narizhni came to Canada in 1947 and joined the Company in 1948 at the Copper Cliff smelter, where he was a puncher in the converter department for 20 years. Olga Boldaro, who had come to Canada from Russia in 1949, became his wife in Sudbury in 1959.

Ivan is taking a disability pension due to leg trouble, but gen-



Mr. and Mrs. Narizhni

erally he's feeling fine. He'll be busy enough keeping his Sudbury home in fine shape and doing a little gardening — "just enough for me and Olga."

## MAURICE KINGSBURY

It's no great surprise that Maurice Kingsbury is going to return to Noelville to spend his retirement years — he has a lot of roots there.



Mr. Kingsbury

After being born near Ottawa, he moved to Noelville where his father farmed. Maurice guided on the French River for 16 seasons and was a small logging contractor there during another five years.

He joined the Company in 1947 in the Copper Cliff smelter where he worked as a furnaceman helper. In 1935 he married a Sudbury girl, Lucy Dionne, in Noelville. Of their eight children, Rhea is married to Froot mine diesel loaderman Rene Belisle, and Albert is a shift boss at Levack mine. Maurice has quite a job on his hands keeping track of his 20 grandchildren. He'll while away the rest of the time fishing, playing his violin, and watching television.

## RENE BOURGEOULT

Rene Bourgeault, who started with Inco at the copper refinery in 1931, was an electrical foreman at the time of his retirement.



Mr. and Mrs. Bourgeault

Born at Mattawa, he learned his trade in his home town and eventually worked as an electrician on construction at Froot mine before joining the Company.

Married in Sudbury in 1931 to Beatrice Bannan, Rene is the father of four children and grandfather of one. Mrs. Bourgeault was born near Prescott, Ontario.

For recreation, Rene likes moose hunting in the Hearst area and fishing at Fairbank Lake. This summer he and his wife plan to tour Canada's east coast. They will continue to reside in Sudbury.

## DOMINIC URSINI

Villa Santa Lucia, Italy, was Dominic Ursini's birthplace in 1912, and he and Peppina D'Adaria, also born there, were married in 1936. They and their two



Mr. and Mrs. Ursini

children, Gino and Marianne, now Mrs. Innocente Stocco, whose husband is a planfitter helper at the nickel refinery, came to Canada and Port Colborne in December 1948.

Dominic started with Inco the following spring in the anode department of the nickel refinery. He was a furnace helper at the time of his recent disability retirement.

The Ursini home is situated on a half acre of land. Dominic plants a large vegetable garden and grows his own corn to feed several dozen rabbits he raises for meat, and the 18 or so hens he keeps for eggs. He is also an old hand at sausage making, preparing about 50 lbs. at a time. He cures and then packs the sausage into jars, topped off with olive oil to preserve it.

The Ursinis will continue residing in Port Colborne. "We plan to visit relatives in Italy again, but our children and grandchildren are here," Dominic says.

## HARLEY COMERFORD

Harley Comerford's association with International Nickel goes back farther than he can remember. He was born at Victoria Mines, the site of Mond Nickel's original smelter west of Sudbury, where his father was employed.

Harley started with Inco in 1933 at the Coniston smelter and was a skimmer on the converters for close to 30 years. He was married in 1934 at Espanola to Claire Bonenfant, who died the same year. In 1939 he married Gertrude Bridgeman of Sudbury, who died in 1969. Harley is the father of three and also grandfather of three. His daughter Rosemary (Mrs. Ron Aubrey) is a records clerk at the Stobie mines engineering office. Harley is feeling fine on his full service pension and plans to do lots of fishing.



**HAROLD BORLAND**

Pensioner Harold Borland has a warm affection for the research laboratory at Copper Cliff—both he and the building have the same length of Inco service, nearly 34 years.

"The lab wasn't quite ready when I joined the Company and the newly established research department in 1937," said Harold,



Mr. and Mrs. Borland

"so I spent my first months at the mill before moving in. After that we were partners for a long time."

Born in the village of Culloden, near London, Ontario, Harold graduated as a chemical engineer from the University of Toronto in 1930, and then took a year of post-graduate studies to earn an M.A.Sc. degree.

Through the years at Copper Cliff he was involved in helping solve the problems of matte separation, flash smelting, fluid bed roasting and many major other smelter research projects.

His move to International Nickel's J. Roy Gordon research laboratory at Sheridan Park came in 1966, where, as a research associate, he was concerned with analytical methods and studies until his retirement.

Harold's friends and associates held two dinner parties in his honor, one given by some 70 well-wishers from both Toronto and Copper Cliff, and another by Sheridan Park personnel. He received several presentations, including an oil painting of northern scenery.

He and his wife—Jessie Elliot of the Soo before they were married in Sudbury in 1939—were blessed with a family of three. Residents of Burlington since 1966, they will be spending their leisure time travelling, playing bridge, tending their garden flowers and shrubs, and visiting their many friends.

**PRIMO MEI**

Primo Mei's family is in its third generation with Inco. His father, Olympio, is an Inco pensioner who retired on disability pension in 1953 after 34 years in the Copper Cliff smelter, and his only son Gary works in the



Mr. and Mrs. Mei



More than 900 years of Inco service was represented in this group, gathered at the Froid mine plate shop to say farewell to retiring Dolph Paradis, himself a veteran of over 40 years with the Company. Seated are mines area superintendent Sid Sheehan (with retired master mechanic Cam Girdwood standing directly behind him), Dolph, electrical-mechanical department engineering assistant Jack Dawson making the presentation to Dolph of a purse of money, and retired assistant superintendent of mines Harold Keast.

pelletizing building at the iron ore plant.

Primo was born in Cobalt, but grew up in Copper Cliff and still resides there. He started with Inco in 1930 and worked all his Company years in the smelter plate shop. In 1939, he married a former Coniston girl, Anna McMenamin.

Although Primo is taking a disability pension due to asthma, he still plans to do his fair share of hunting and fishing. Both his parents are still living; his father is 80 and his mother is 81.

**VERNAL DAVIS**

Vern Davis was born at Bon Accord, in northern Alberta. After 10 years of farming and a wartime hitch in the Canadian



Mr. and Mrs. Davis

army, he joined Inco at the copper refinery in 1945. He transferred to Stobie mine in 1950 and was on motor crew from 1958 until his retirement.

His marriage to Edith Moles took place in 1930 at Lacombe, Alberta. They have two children and four grandchildren. Vern is on a disability pension with a heart condition but will be able to keep on with his little sideline of making picnic tables and chairs, as well as gardening at his Sudbury home.

**FRED HALL**

Fred Hall started with Inco in 1933 at Froid after working for three years as a cagetender in a Noranda copper mine. He had come to Canada from Volica in western Czechoslovakia in 1928. Except for two months at Froid, Fred spent all his Company years



Mr. and Mrs. Hall

at Creighton, where he was a motorman on 3,800 level at No. 5 mine.

In 1939, he married Mary Cuvan in Creighton; they have two daughters. Mrs. Hall was also originally from western Czechoslovakia. Fred is enjoying good health on his full service pension and likes fishing and short motor trips. The Halls are living in Sudbury but are considering moving to Toronto.

**JOHN LUMSDEN**

John Lumsden, who left Newcastle, New Brunswick when he was 18 years old, was born in that lumbering community in 1909. He sailed the Great Lakes for a few seasons, wintering over at the Lakehead. On a passage through Port Colborne's Lock 8



Mr. and Mrs. Lumsden

in 1936, he heard that the nickel refinery was hiring men. He decided he'd like a shore job and gave up sailing to start with Inco on May 18.

He was a cementationman in the electrolytic department, then worked on the stripping floor for 17 years until his early service retirement.

Mary Boyd of Belfast, Ireland, and John were married in Welland in 1945. They both enjoy

travelling and have made three trips to the British Isles. All trips were by ship except one, when a steamship strike forced them to fly over. But they sailed back!

John and Mary enjoy card games and attend many euchre parties in the neighboring communities. They will spend the summer months around Georgian Bay and take jaunts into Michigan and to Montreal.

**UMBERTO SIGNORETTI**

One of the real oldtimers of the Copper Cliff smelter, Umberto (better known as "Pops") Signorette is retiring on a special early service pension with close to 46 years of continuous service. "When I started with the Com-



Mr. and Mrs. Signorette

pany," he recalls, "the Copper Cliff smelter had no concentrator, one reverberatory furnace and only six converters. There were only about 500 men on the smelter force."

"Pops" was born in Copper Cliff and started with the Company in 1925. He was a tapper on the electric furnaces for the past 18 years.

In 1934, he married the girl next door, Zaida Bertulli, in Copper Cliff. One of three sons, Larry works for the Town of Copper Cliff. Three grandchildren are regular visitors to the Signorette summer cottage at MacFarlane Lake. "Pops" may repeat the trip he took to Italy in 1968, but the Signorettes will continue living in Copper Cliff.

**ARCHIE MacKINNON**

Archie MacKinnon likes to throw in a plug for his old home (Continued on Page 18)



# Retired on Inco Pension

WITH 20 OR MORE YEARS OF SERVICE

(Continued from Page 17)

province of Nova Scotia. When asked where he was born, the answer isn't simply "Scotsville"; rather, it's "Scotsville, right at the foot of the Margaree River, the finest salmon river in the world". Before joining Inco in 1937 at the Creighton No. 5 mine, he taught school for 10 years for the meagre salary of \$600 a year.

At Inco, he worked mostly in the Frood-Stobie area. For six years beginning in 1938 he was



Mr. and Mrs. MacKinnon

on the Copper Cliff police force, stationed all the time at Frood. He transferred underground and wound up his career on 1,000 level at Stobie.

In 1934, Archie married Penelope MacKay in Inverness County, Nova Scotia. The MacKinnons have five children and five grandchildren. On a full service pension, Archie is in very good health. He enjoys reading, fishing and TV baseball. He plans to repeat the trip he took to England in 1968.

## ANTHONY KRITZ

Even ice fishing can be dangerous. Tony Kritz slipped and broke his leg on the ice in 1964; arthritis set in and is now forcing him to take a disability pension with the Company. Born in Formosa, On-



Mr. and Mrs. Kritz

tario, Tony came to Sudbury in 1937 and started with Inco at Creighton the same year. He was a shift boss at Frood-Stobie mine for 12 years. Niagara Falls was the scene of his marriage in 1942 to Violet Matthews, who grew up in the Sudbury area. They have two children and three grandchildren. Son Jim is a drift driller at Stobie mine.

Tony and his wife live at Lake Wahnapiatae, and he occupies a lot of his time renting boats and motors and selling bait. Mrs. Kritz is a very active bowler, and works as a school bus driver between Skead and Garson.

## LAWRENCE MALEY

After suffering a heart attack last summer Lorne Maley is easing on to a disability pension. Born at Copper Cliff, he grew up



Mr. and Mrs. Maley

around Chelmsford and Garson and worked in local lumber camps before joining the Company in 1927 at Frood. He transferred to the Clarabelle open pit in 1961 for the remainder of his service; for the last 25 years he was a blaster. "I never had an accident because I knew you only get one chance with explosives, and knowing that, I just never flirted with carelessness."

Married in 1933 to Margaret Bedesky of Copper Cliff, Lorne is the father of one and a grandfather twice over. He will keep as busy as he likes with the flower garden at his Long Lake cottage and with his saw-filing sideline. The Maleys will continue living in Sudbury.

Lorne's family name is well known in the Sudbury area, particularly in Garson. His father, the late Michael Maley, had the Maley Dam and Reservoir and Garson's Maley Drive named after him. Two of Lorne's brothers are Inco men: Bob a powderman at Garson and John a plateworker 2nd class at Stobie.

## HERB CAVERS

"I enjoyed those 40 Inco years. It was challenging all the time, dealing with metals that don't always behave," Herb Cavers was reflecting on his career with



Mr. and Mrs. Cavers

the Company at the copper refinery, where he was an analytical chemist.

He was born at Kalamazoo, Michigan but grew up in southern Ontario where he had moved as a boy of four. He started with Inco in 1931 after graduating from New Brunswick's Mount Allison University with a B.A.Sc. degree. Married in 1933 to Rheba Guthrie in Woodstock, New Brunswick, Herb is the father of one son. Mrs. Cavers

calls Chapleau, Ontario her home town. They have one grandchild.

Herb is enjoying good health as he starts his early service pension, and plans to take it nice 'n easy around his Sudbury home. He may take a trip around the world next week or perhaps even tonight — on the airwaves, that is — for he is a dedicated ham radio operator and has reached as far around the globe as Tanganyika. He also enjoys gardening and historical or scientific reading.

## AUGUST LUOMA

August Luoma joined the Company in 1929 at Frood mine, the year after he came to Canada



Mr. and Mrs. Luoma

from a farm in Finland. In 1945, he transferred to the Frood open pit, and moved over to the Clarabelle pit when it opened in 1961. He was a drill blast boss. He was married in Sudbury in 1933 to Olga Thompson. One of their two children, Don, was an Inco scholarship winner in 1965 and now teaches high school. They have two grandchildren.

Last year August and his wife greatly enjoyed a tour of Finland and Lapland, and are considering a repeat visit later in the seventies. August is taking a full service pension and is enjoying good health. He expects to get a lot of pleasure out of the cottage he is building on Clearwater Lake, south of Sudbury.

## JOHN BOSAK

First on the retirement agenda for John Bosak and his wife is a trip to California to visit their daughter and son-in-law, and then they plan to revisit their homeland of Czechoslovakia.

John was born in Vrbove in 1910 and it was there that he and



Mr. and Mrs. Bosak

Julia Kostelny were married in 1932.

Arriving in Canada in 1938, John and his wife first settled in Alberta where John spent one year working on a farm. Later, they moved to Dunnville where John bought and worked his own farm for five years until he was employed at the Port Colborne nickel refinery in 1945. Most of his service was in the anode department; he was transferred to

the mechanical department in 1965.

The happy Bosaks have four children, four grandsons, and six granddaughters.

## ANDREW NESBITT

Andy Nesbitt has hung up his tools after 25 years as a rigger on surface at Creighton No. 3 and



Mr. and Mrs. Nesbitt

No. 5 mines. Born at Biggar, Saskatchewan, Andy came east in 1937 to the Company after 10 years of farming. The following year he was married at Sudbury to Betsy Larson, also from Saskatchewan. Of their four children, Andrea is married to Copper Cliff police constable Paul Kelly. The cottage the Nesbitts have had at Black Lake for the past 15 years is a pretty popular spot with their five grandchildren.

Retiring on a disability pension after a heart attack last summer, Andy is following strict doctor's orders and taking it easy. Both he and his wife enjoy travelling and are planning to see a lot of Canada as his health permits. They reside in Waters Township.

## EARL ADAM

With seven brothers and a sister in Canada and the United States, Earl Adam and his wife Betty had planned a lot of travelling, but now that they have settled in their retirement home at Sault Ste. Marie they're not quite so keen to hit the trail. "We live on



Mr. and Mrs. Adam

Queen Street East, overlooking Bellevue Park and the St. Mary's River. We enjoy watching the lakeboats and ocean-going vessels, the park is beautiful," writes Earl, "and we think we're going to enjoy it very much this summer."

A blacksmith 1st class, Earl had 33 years of service with the Company, almost all at Levack mine. He learned his trade in his father's shop at Westport, Ontario, where he spent 13 years shoeing horses and repairing wagons and sleighs.

Betty Conley of Stirling, Ontario, became Earl's wife at Toronto in 1939. Their married daughter and their two grandchildren live in — guess — Sault Ste. Marie!

## Safety Department Is Restructured



J. G. Rickaby

M. C. Kossatz

W. H. Buchanan

A restructuring has recently taken place in the Ontario division safety department, to cope with its steady increase in responsibilities resulting from the Company's expansion program.

In charge of the organization, as general superintendent of safety, is M. C. Kossatz.

Superintendent of safety for mines is J. G. Rickaby, and for processing plants W. H. Buchanan.

T. M. Crowther and J. L. Roy are general safety supervisors, the former handling Workmen's Compensation Board and administrative matters, and the latter responsible for systems and industrial hygiene.

Area safety supervisors (mines) are Stan Snider, Frood-Stobie; Ed Sirkka, Creighton; Livio Visentin, Murray, Copper Cliff North, Clarabelle open pits; Harold Strutt, Garson and Kirkwood; Garry Moore, Levack.

Area safety supervisors (processing plants) are Harold Waller, reduction works; Don Ferguson, iron ore plant, copper refinery, Copper Cliff nickel refinery; Joe

Rossi, Port Colborne nickel refinery.

H. J. Derks and J. C. Perras are safety assistants for mines and plants respectively.

There are 10 safety supervisors and 43 first aid attendants at the mines, and 10 safety supervisors and 40 first aid attendants at the processing plants. An office staff of four completes the organization.



NAMESAKES

When they were introduced at Copper Cliff recently, these two men had no problem remembering names. On the left is R. J. "Bob" Hall, geologist with the Asarco complex at Mount Isa, Australia, chatting with R. J. "Bob" Hall, chief mines engineer of Inco's Ontario division.

## Millions Paid by Inco In Family Health Care

The annual saving to International Nickel employees and pensioners by the umbrella of health protection paid for by the Company runs into millions of dollars.

In the Sudbury area alone in 1970 Inco paid \$7,431,494 in health care premiums.

This protection is part of what is recognized as one of the broadest and finest employee benefit programs provided by any Canadian employer.

For instance, 214,258 claims were filed last year under the Blue Cross Prescription Drug Plan by Inco employees and pensioners in the Sudbury area, representing total expense to the Company of \$1,284,096. The only cost to the individual was 35 cents for each prescription filled by the pharmacist, including drugs, serum, injectibles, insulin and diabetic supplies prescribed by a medical doctor. Covered by this plan are the employee, his wife, and all his unmarried, unemployed children up to the age of 21, as well as pensioners and their wives. There are no exclusions because of existing, or pre-existing, health conditions.

Other health protection, for which the Company pays the full premiums, are the Ontario Health Services Insurance Plan and the Ontario Hospital Insurance Plan. Last year the cost to the Company for OHSIP protection for all its Sudbury area employees and pensioners was \$3,126,034, and for OHIP coverage it was \$3,021,364.

## Grand Finish

(Continued from Page 14)

Figure Skating Club, which has been operating since 1964, had something special for everybody with its two-act production, the first half a presentation of "Cinderella" and the second half depicting the 12 signs of the zodiac in an imaginative program titled "Horoscopes".

"Ice Crystals '71" was the name of the Belaire Club's show, and a credit it was to all involved, with its classy and clever costuming and very effective props.

Maureen White, the club professional, and David Svisco, guest artist from the Buffalo Skating Club, earned waves of applause for their outstanding solo performances. The club president, Harry Mahaffey, along with Ernie Harrison, teamed up for an entertaining skit as The Odd Couple. Another highlight was the opening number of the show, a marching drill by the smart Port Colborne Sailorettes.

Carnival chairman was Irene Rady, costume conveners were Mary Grimes and A. Millier, music was in charge of Rose Fogel, makeup convened by Joan Mahaffey, social convener was June Christoff, leader of the big props crew was Ernie Harrison, and Earl Cuff headed the lighting artists. Secretary of the club is Verna Roy, and treasurer Frances Hobbs.

### Community on Parade

The Levack Club came on strong again this year with its large and enthusiastic membership taking part in a revue

representing many of their live-wire community's activities and services. "Levack on Ice" it was called.

Cute little guys, carrying lunch pails and wearing miners' hats much too big for them, were naturally one of the main features of the show. Hockey, skiing, ski-dooing, curling, ringette, badminton, arts and crafts, ballet, Little League baseball, swimming, golfing, and youth groups and organizations were all represented in the very enjoyable 23-number program organized under the leadership of the Levack Figure Skating Club president, Joyce Forget, and the club professional, Alan McPherson.

Carnival convener was Dick Dell'Anna, and other members of the executive were: past president, Pat Dell'Anna; secretary, Peter Weygang; treasurer, Don Goodman; costume convener, Leona Dawe; ice convener, Sheila Goodman; registration, badge, phone, and advertising conveners, Monique Kay, Shirley Rowe, Rudy Albert, Pam Weygang.

### IN CANADIAN SKI MEET

Bob Feick, son of Mr. and Mrs. I. R. Feick of Copper Cliff, was one of 80 promising young skiers chosen from across Canada to compete in the Canadian juvenile alpine championships at Fernie, British Columbia, April 10-15. He represents the Sudbury District's Nickel Teen Ski Club, which under the inspired leadership of its veteran mentor, Ellis Hazen, has for over 30 years been one of the nation's outstanding youth ski organizations.

## Public to See Million-Dollar Coin Show



More than a million dollars worth of coins will be on display at the President Hotel, Sudbury, April 24 and 25 when the Nickel Belt Coin Club for the first time hosts the ninth annual convention of the Ontario Numismatic Association. Shown above, chatting over plans for the big event which is expected to draw 250 outside exhibitors and collectors, are four well-known Inco numismatists, Rolly Albert (Copper Cliff), president of Nickel Belt Coin Club, Bea and Bill Campbell (copper refinery), and Jack Dupont (Creighton mine). A special feature of the show, which will include many very rare coins, will be the striking International Nickel exhibit of pure nickel coinage of the world. The general public is cordially invited to attend.



Although in its 11th season, the Sudbury Finnish Male Choir this year made its first appearance at the Festival, under the baton of its gifted conductor, Aksel Pagi. The 36-member group gave a deeply impressive performance. Mr. Pagi, who recently underwent open heart surgery, has been the choir's director for six years.



Rene T. Dionne photos



Guitarist Dick VanRaadschooven of Onaping received the M. Loeb Ltd. \$100 scholarship. He played a viola and guitar duet with his father at the Hi-Lites Concert.

## New Look for Festival

An innovation which had been under consideration for three years gave a new dimension to the 26th annual Sudbury and District Festival of Music when dancing was added to the syllabus. "The response far exceeded our expectations," said the festival secretary, Mrs. Eleanor Marzetti. "There were 201 entries in the dance competitions, which included classical ballet, acrobatic and adagio, modern, freestyle jazz, and tap dancing. Naturally we are delighted that the innovation proved so popular, and expect it to stimulate much

more local interest in this form of musical expression in the years to come."

With a total of 1,200 entries, involving more than 6,000 participants, the festival scaled new heights of success, bringing richly deserved plaudits to its faithful sponsors, the Sudbury and Lock-erby Kiwanis Clubs and the Sud-  
bury branch of the Ontario Reg-  
istered Music Teachers Association.

The distinguished adjudicators, three from England and two from Canada, tempered their criticisms with invaluable advice and light touches of humor, sending the contestants away encouraged to try harder next year.

Again the piano competitions drew the heaviest entry, with young musicians of all age groups coming forth to reap the benefits of festival experience. Although the number of adult choral groups was disappointing, it was more than offset by the splendid showing of school choirs — there were 75 in the bilingual section alone. The accordions were out in full strength as usual, and a gratifying growth in the stringed instrument sections was noted.

As usual the week-long competitions were climaxed by a glorious Festival Hi-Lites Concert at which a selection of outstanding contestants and groups had the honor of performing. Tom Cornthwaite of the Lockerby Kiwanis Club was chairman. Twenty-eight scholarships, valued at almost \$3,000, were presented.

Dancing as a form of musical interpretation proved a highly popular addition to the 1971 Festival syllabus. In the picture on the left a colorful group from the Ida Sauve School of Dancing is seen in its freestyle jazz performance. On the right, gracefully lithe young Melissa Viinalass is shown during her acrobatic solo. Groups of as many as 23 members entered the dance competitions.



At 14 an accordion virtuoso, Marcello DeLuca won the Saul A. Silverman \$300 scholarship. He is a previous Inco scholarship winner. He played Mendelssohn's "Concerto in E Minor".



Crean Hill miner Erkki Kinos, 24, (right) has been taking formal voice training for less than a year, but his splendid tenor won him the \$250 International Nickel scholarship, presented by director of public affairs Bob Hamer.



Soprano Bonnie MacLelland was awarded one of three \$100 scholarships given by the Steelworkers Union, Local 6500. Clarinetist John Carmichael of Naughton received the IODE Elizabeth Barret Browning \$50 scholarship.

