

INCO TRIANGLE

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Opening the New Employees Club at Garson



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Don M. Dunbar, Editor.
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— THE — NICKEL INDUSTRY IN 1949

Mr. Stanley's Annual Review

(Continued from last issue)

"A newly designed evaporator for producing fresh water from salt water came into wide use during the year. This evaporator performed so successfully on shipboard that it has been introduced to the processing and chemical industries for other types of distillation. It is made entirely of Monel sheet.

"In the architectural field, the new Monel roofing sheet introduced in 1948 found a widely extended market for industrial plants, hospitals, and institutions of all kinds and virtually all types of public buildings. In all of these installations, greater emphasis is placed on long life and low maintenance, rather than initial cost.

"Chloromycetin, one of the newer mold fermentation pharmaceuticals, is now under full scale plant production in equipment of which vital units are made of Inconel. Performance of this nickel-chromium-iron alloy in the production of this antibiotic serves as a basis for expanding its use in the manufacture of others in this rapidly developing pharmaceutical field.

"Results from tests conducted during the year confirmed the value of Inconel for such high temperature processes as those involved in the cracking and reforming of natural gas. Further attention was directed to market potentialities for Inconel in other areas of high temperature service including the important furnace and heat-treating fields.

"The diversity of applications of this alloy was also made evident by such other fields as the distilling industry and the manufacture of paper. Producers and bottlers of aged whiskey employed Inconel for valves, blending tanks and other equipment preparatory to bottling. One of the leading wine handling equipment manufacturers in France recently reported the results of a successful test with Inconel in the replacement of wood equipment in contact with one of the best French vermouths. In the paper industry, four-drummer wires have been placed under full scale test in actual paper plant service where laboratory tests previously had demonstrated notable advantages of Inconel over more commonly used materials. In Canada, this alloy is now a standard material for other paper machine applications, such as screen plates, and it is finding increasing use for similar purposes in the United States.

"In the automotive industry there was a marked increase in interest in Inconel exhaust pipes for cross-country trucks and buses. In test installations throughout the country, Inconel exhaust pipes were still found fit for further use after 200,000 miles of service, and indications are that they will



"Oops! I guess we've gone down too far!"

Drawn for the Triangle by Grest Andrews.

equal the life of the vehicle in which they are installed.

"Our Company's nickel-chromium alloys are attracting increasing attention in the aircraft industry for components in gas turbine engines. In Europe, alloys of the Nimonic series remain the standard materials for the moving blades of all turbine engines in production, while in the United States Inconel 'X' is employed for rotor discs and other parts. These alloys should also prove useful in many other fields where high strength is required at elevated temperatures. Such applications include forged reaction chambers, bolts, springs, bellows, or similar parts employed in handling high temperature steam or chemical process fluids.

"In the field of petrochemicals, pure nickel was widely used in the construction of plants for synthesizing of glycerine from petroleum hydrocarbons. Substantial nickel equipment also was installed in plants producing natural glycerine.

"Nickel-clad steel, which is extensively employed in the United States and Canada,

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THE PICTURE ON PAGE 16

On Page 16 the camera brings Triangle readers a glimpse of the might and majesty of the converter aisle at Copper Cliff Smelter, longest in the world.

In the left foreground a jumbo ladle of converter slag is being returned to a reverberatory furnace for retreatment before being discarded on the slag dump. The ladle holds

20 tons of the molten material, but the powerful crane lifts and pours it with ease. As the crane operator manipulates the smaller ladle on the right, 14 tons of reverberatory furnace matte is being charged to one of the converters.

At the lower left, on a car which has transferred it from a reverb furnace to the converter aisle, a ladle of matte stands waiting to be picked up by a crane for charging to one of the converters. Silhouetted in the distance are two more ladles of matte, en route to converters.

The fiery glow about the centre of the picture comes from a converter which has been turned down while slag is skimmed from the top of the bath of molten metal within it.

The long elephant trunks suspended from the cranes conduct fresh air to the crane operators in their control cabs. The cabs are insulated, and during the summer months the fresh air is cooled by refrigeration units in the cabs.

The parade of lights marching down the aisle on the right are located on the skimmers' platforms of the converters. They are used to signal the matte requirements of the converters for the information of the converter bosses and the balermen.

There are 16 converters on nickel service and four on copper service.

SAME OLD COMPLAINT

The doctor was disturbed by a night call. An anxious husband begged him to come round at once. He was certain his wife had appendicitis.

"She can't have, man; give her some bicarbonate and keep her quiet. I'll look in first thing in the morning. I took her appendix out two years ago and I never yet heard of a woman having two appendixes."

"Maybe," countered the husband, "but did you ever hear of a man having a second wife?"

INCO FAMILY ALBUM

Answering the family roll call for us this month are these good Incoltes: (1) Mr. and Mrs. Bill Gaylor (Frood-Stobie) with Jimmy, 7, and Billy, 12. (2) Mr. and Mrs. Albert Dagenais (Port Colborne) with Lola, 8, Denise, 10, Raymond, 2, Susan, 5, Paul, 2 mos., Diane, 3, and Simon, 6. (3) Mr. and Mrs. Andy Durkas (Creighton) with Helen, 13, and Joe, 11. (4) Mr. and Mrs. Lorenzo Chezzi (Coniston) with Guido, 9, Robert, 5, and Frances, 7. (5) Mr. and Mrs. Ed. McHugh (Copper Cliff Mill) with Mabel, 9, and Joseph, 11. (6) Mr. and Mrs. Jim Gregg (Lawson Quarry) with Jay, 7, and pal Smokey. (7) Mr. and Mrs. Walter Johnstone (Copper Cliff Smelter) with Merry, 3, Margaret 8 mos., Dick, 13, and David, 9.





Ryan Club Honors Team

Members of the Ryan football team, many of whom are well-known Incoltes, draped themselves in classy new jackets presented to them by the Ryan Club at a gala banquet last month. The occasion was the formal presentation of the Star Cup which the fighting Ryan eleven won last fall in a great match against Garson. Picture shows most of the players in their new raiment: back row, Bill Gaylor, Jim McKenzie, Dave Irvine, Steve Taylor, Stan Brown, Billy Young, Peter Casey, Jim Wallace, Henry Craig, Danny Parker, Bobby Elliott; front row, Fred Fisher (acting as proxy for Russ Sawbridge), Karl Krakovsky, Jim Nemis, Bill Roworth, Mel Young, Jimmy Ritchie. Not shown are Angus MacDonald, Johnny Killah, and Tom Newman.

— THE — NICKEL INDUSTRY IN 1949 Mr. Stanley's Annual Review

(Continued from Page 2)

is now being widely used in Europe and Australia, particularly for chemical plants. The material has been in demand by British, Swiss, French and Australian firms for equipment in the manufacture of caustic alkalis.

"The television industry continued to employ increasing amounts of nickel and nickel alloys in various component parts of transmitting and receiving equipment. Pure nickel was used extensively for cathodes in the camera and picture tubes, as well as in all the receiving and many of the transmitting vacuum tubes for cathodes and structural parts. Long life tubes with nickel internal parts are employed in the amplifiers of the long cable networks which link the studios and transmitters.

"Markets for high nickel alloys continued to be found in other consumer fields. Included among these were fishing equipment, such as Monel trolling lines, tackle and lures, and 'Z' Nickel fishhooks.

Nickel-Plating

"The use of nickel-plating by the automotive industry was maintained at high levels

and it again led all others in the amount of nickel used in plating. Total nickel employed by the plating industry this year was closer to former consumption peaks than other consumers of primary nickel.

"The largest use for plated nickel during the year was as an undercoat for decorative chromium. The plating of electrical appliances, metal furniture, bicycles, baby carriages and similar articles, accounted for an increased percentage of the nickel employed for plating purposes. Studies completed in the past year have established that the thickness of the nickel undercoat is the principal factor in the lasting quality of decorative chromium-plating on automobile trim and other outdoor applications. There also have been new advances in the industrial uses of nickel-plating of substantial thickness for corrosion protection and reclamation of worn or mis-machined parts.

Nickel Alloy Cast Irons

"Large quantities of Ni-Hard, an iron alloy containing from 2.5 to 4.75% nickel, were employed in rolls for the steel industry and abrasion-resistant castings in the iron, copper, gold and other mining industries. The number of mines adopting this material for such parts as grinding balls, mill liners, chutes and pumps, is steadily increasing. This nickel alloyed iron has found expanded use in the cement industry for similar abrasion-resisting parts. In the United Kingdom, interest has been particularly pronounced in connection with the use of Ni-Hard for brick making and clay working plants.

"The corrosion-resisting nickel cast iron Ni-Resist continues to find new applications in industry. A new type iron in this series of alloys which can be hardened after

machining is finding acceptance where resistance to both abrasion and corrosion is required, such as in the chemical and process industries. The demonstration of the merit of Ni-Resist in resisting the corrosive action of salt water has led to its application for runners and liners in pumps for the salt and potash industries.

"The production of magnesium-containing ductile cast iron introduced early this year by International Nickel may have the incidental effect of affording further opportunities for uses of nickel. This new engineering material combines the process advantages of gray cast iron with the product advantages of cast steel. Two patents were granted by the United States Patent Office in October to International Nickel covering the development of the new magnesium-containing cast iron.

Copper Base Alloys

"The cupro-nickel alloys, with nickel content ranging from 10 to 30%, continued in strong demand in the marine industry, as well as in the petroleum, chemical and power industries, where sea water or other corrosive waters are encountered. In power plants increased pressures and temperatures are giving rise to more severe operating conditions and consequently to wider fields of use for cupro-nickel tubing. A new 10% cupro-nickel alloy containing small percentages of iron has been used extensively and is expected to supplant the nickel-free copper base alloys in many applications. The 70-30% cupro-nickel type in sheet form is being employed as a replacement for ceramic plumbing on ships.

"The largest use of nickel-silver, an alloy containing nickel, copper and zinc, continued to be as a base metal for silver-plated table-

silver alloys were again used extensively for applications in food processing and packaging machinery, household equipment, plumbing goods, hardware, and marine trim and fittings.

"Increased interest has been shown in 3 to 5% nickel brasses and bronzes which were. Substantial amounts were utilized in ornamental architecture and in springs in the communication industry. Cast nickel-potassium improved strength, structure, wear-resistance or corrosion-resistance over usual brasses and bronzes used in castings for constructional, pressure or bearing applications. Nickel alloyed aluminum bronzes are also increasing in popularity for applications calling for a superior grade of aluminum bronze. The 5% nickel types provide high strength, as well as resistance to abrasion, wear and corrosion. Aluminum bronzes requiring a higher order of resistance to corrosion than normally available have been developed with 10% nickel.

Coinage

"Unrest in the Far East and depreciated currencies in certain countries have interfered with or delayed projected monetary reforms involving the use of nickel and nickel alloys for coinage.

"During 1949 Spain began the production of pure nickel 5 peseta coins, which will be followed by two other denominations in pure nickel, and thus became the forty-second country to adopt pure nickel for one or more denominations of coins. The use of cupro-nickel alloy for subsidiary coinage has also been extended during the year, Belgium and the new state of Israel being the latest countries to decide on the use of this alloy.

Iron-Nickel Alloy Specialties

"Through different combinations of iron and nickel it is possible to produce alloys having diverse physical characteristics, such as various ranges of thermal expansion, electrical, magnetic and other special properties. These alloys, which contain from 22 to 80% nickel, lend themselves to useful adoption in the instruments controlling machines and processing equipment, and also in radar, electronic and telephone equipment. Permanent magnets of Alnico are used widely in industry and have now entered the home in such applications as lid holders of can openers, retainers on shower curtains, and children's toys. Alloys containing 42% nickel and having the same thermal expansion as glass serve for lead-in wires in sealed-beam headlights, television tubes and similar applications. A major accomplishment was recorded when governmental agencies, in cooperation with industry, perfected a process by which a 'rectangular' hysteresis loop can be imparted to the 50% nickel-50% iron alloy. This material is extremely valuable in the manufacture of mechanical electrical rectifiers.

Corrosion and Heat Resistant and Electrical Resistance Alloys

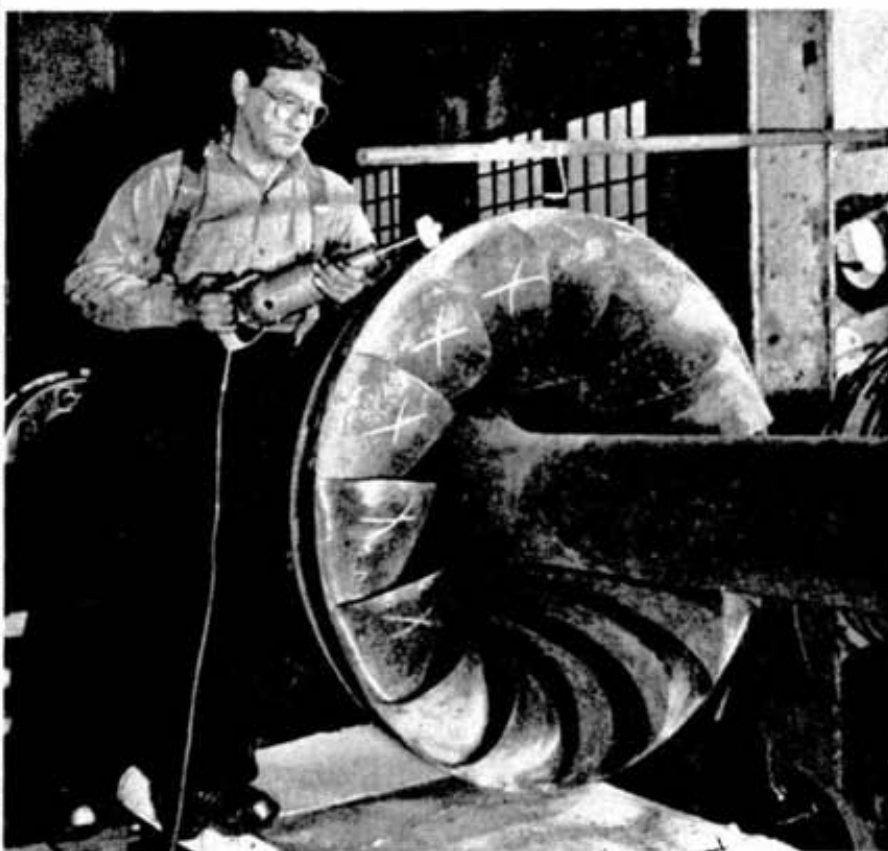
"The high nickel-chromium-iron alloys found many new fields of use in both the cast and wrought forms. These alloys are essential in many ambient temperature applications requiring high resistance to corrosion, and also in most heat-resistant applications where high strength as well as resistance to corrosion at elevated temperatures is required. Some of the more important consumers of these alloys are the heat-treating, petroleum, chemical, ceramics and cement industries.

"Sales of 80% nickel-20% chromium electrical resistance wire serving as the principal operating element in such items as stoves, hot water heaters and domestic appliances are expected to increase with the further expansion of markets for these appliances, particularly in the United States.

Forward

"Because of the very broad diversification of uses of nickel and its alloys in the indus-

The Shops Do It Again



Another feather was added to the much-bedecked cap of Copper Cliff shops with the repair of an impeller from the hydro-electric plant at High Falls. Five scoops were broken off the runner, and delivery of a new part would take nine months. So the shops gang said they'd take a crack at rebuilding the old piece. They made plates, and they studded the cast iron hub so that a steel weld would catch to it, and then they arc-welded the plates to the hub. It isn't a factory job, maybe, but by gosh it's good for another 15 years, and what more could you ask? The new scoops are X'd in the picture. Buffing the welded parts is Jim Shrigley.

trial world and the wide range of their properties, it is expected that consumption will be well maintained during 1950."

Miners Have Built For the Future with The Talent at Hand

Generally recognized as the class of the north in this year's hockey picture, Sault Ste. Marie are expected to take the measure of Sudbury Miners in the playoffs which get underway as Triangle goes to press.

But there's no need to get out the crying towels. Miners didn't have any designs on the Allan Cup at the start of the season when they gathered up what talent was available locally and took to the ice lanes. What they aimed to do was keep senior hockey alive in the Nickel Belt, provide the fans with some entertainment, and groom their younger players toward the day, perhaps a couple of years hence, when the boys will start stoking the fires to make Sudbury once again a hot-bed of hockey. They've filled the bill on all counts.

Miners this winter have played the aggressive, swashbuckling brand of hockey that Nickel Belt fans love, and although they've won few of their starts they have had the

customers right behind them all the way. As a result they will wind up the season in the blue.

Jim Dewey has been exactly the right type of coach to bring along the younger players. He has the savvy and also the knack of getting it across. As a result sound improvement is seen in the playing of such bright hopes for the future as Marty Burton, Nip Pollesel, Scotty Saunders, Paddy Rebellatto, Tug Parri, and Bucky Basso. These lads, along with two or three others of definite promise, will make a fine nucleus for the team of tomorrow.

Miners are to be congratulated on making the most of a quiet season.

PARTNERS

A motorist whose car broke down one night on a lonely road found humble but hospitable accommodation in a small inn nearby. Next morning his breakfast consisted mainly of a large bowl of porridge.

During the meal he was astonished to find himself rather popular with a small pig, which nuzzled against his legs in a most affectionate and persistent manner. At last he remarked to his host: "Your pig seems to have taken a great liking to me. I didn't know a pig could be so affectionate."

"Oh, it's not you he likes, it's just that you're using his bowl."

WORTH CONSIDERING

One nice thing about being a skunk is that you can hang around the neck of a beautiful woman long after you're dead.

The Staff of Copper Cliff Public School



Left to right, front row, J. E. Sloss, H. Monaghan, G. MacPherson, M. Lohead, L. McAvoy, A. Fleming, E. Christlaw, A. G. Orr (principal); centre row, M. Stanley, H. Cotnam, C. McCrear, M. Dinner, C. Higgins, E. Smith, M. McEachern, L. McCurry; back row, B. Draper, J. Markle, C. Jelly, M. Christie, M. O'Toole, H. Bryan, M. Fealy (on exchange from Scotland), H. Varey.

Let's Doff Our Toppers to the Teachers

In Parents' Night displays and at commencement exercises during the past month fathers and mothers saw once more some of the fruits of the system to which is entrusted the mental and social development of their children.

And once more they were impressed by the enormous responsibility of the teacher in shaping the stature and moulding the character of the country.

Too often this responsibility is, as they say in the valor citations, "above and beyond the call of duty"; too often the school finds itself, through parental over-indulgence or sheer carelessness, shouldering duties of discipline and guidance which properly ought to be performed in the home.

Certainly a relationship between parent and teacher much closer than the token of these annual formal occasions, valuable as they are, would pay big dividends all along the line.

Our schools are splendidly equipped and our educational methods have been designed by the best minds of our generation, but without the skilled human touch of the teacher these things would avail us little in preparing our young ones for the rich and full life which lies ahead of them in this, the finest country on the face of the earth.

The Nickel Belt is particularly fortunate

in the calibre of the teachers who staff its schools. Commencing with this issue a series of photographs of these very important citizens will be published in the Triangle in respectful acknowledgment of their high contribution to our way of life. While it is

obviously impossible for us to cover the entire educational front of the district in these columns, we hope at least to bring our readers face-to-face with all the teachers of all the schools in the Inco towns.



Garson School Staff

Here is the staff of Garson Public and Intermediate School: back row, standing, G. Lane, G. MacDonnell (Inco school nurse), C. Hutchison (vice-principal), H. Salovaara, D. Thomson, J. Greig, L. J. Atkinson (principal); seated, M. Hamilton, M. Anderson, M. Paisley, A. Brown, L. Lewis, J. Shrigley.



MARY WHALEN GAVE 20 YEARS OF GOOD WORK

A little lady with a sparkling sense of humour and a big zest for life joined the ranks of Inco pensioners last month and immediately started planning how to get the most out of the next 50 years.

Mary Whalen, who joined the Company in October of 1929 and cheerfully and efficiently handled some of the most difficult stenographic assignments in the general offices at Copper Cliff, left the job with a fine record of service and a host of friends behind her.

Born in Carleton Place, Ont., and trained as a stenographer, Miss Whalen spent two years in Montreal in social service work and then went to California as a secretary of the American Red Cross. It was from there that she came to Inco and was posted to the Mines Engineering Dept.

She Graduated Cum Laude

In that den of terror, peopled by such uninhibited characters as George Holmes, Al Cave, and Freddie Morisset, she discharged her duties with such finesse and diplomacy that, at the end of seven years when she moved downstairs to become secretary to the works auditor, they broke down and conferred upon her, cum laude, the degree of Mining Engineeress. Her diploma stated without equivocation that she had completely mastered the arts of "mining, geology, hieroglyphics, and cussing".

None of these qualifications were of any particular value to her in her new position as secretary to the works auditor, which she remained for the next seven years, but the last two certainly stood her in good stead when she took over as steno in the Mechanical Engineering Dept. How she came up serene and smiling after a six-year term in that vale of provocation will remain a mystery to the end of the chapter.

Miss Whalen leaves on March 22 for a holiday trip to France and Italy. It will be good news to the wide circle in which she has long been so popular that on her return she plans to make her home in either Sudbury or Copper Cliff.

A TOUGH SEASON

Two disgruntled farmers liked to grouse to each other.

"Never did see hay grow so short as mine this summer," sighed one.

"You think yours is short," answered the other. "I had to lather mine to mow it!"

Lots of Gifts for Mary

Copper Cliff gathered around to say goodbye to the popular departmental secretary, Miss Mary Whalen, when she retired on pension. She was presented with the typewriter on which she had turned out so much good work, and also with a handsome pen and pencil set. Other miscellaneous gifts, thoughtfully chosen by her male co-workers to gladden her hours in the great outdoors of which she is very fond, included a corn-cob pipe (thoroughly broken in by Clarence Buck), a package of tobacco, and a jill of snake-bite antidote, and a striking portrait by Orest Andrews. In her acknowledgment she spoke of the many happy associations she had formed in Inco, and said she would have none but pleasant memories of her 20 years with the Company.

C. O. Maddock gracefully did the honors when the men of the Mechanical Engineering Dept. at

2,500 Entered Music Festival

A total of \$1,150 in 14 scholarships, and some 37 handsome trophies and shields, were presented to winners at the fifth annual Sudbury District Music Festival last month.

King George Public School of Sudbury carried off the coveted Cathryn Sisson Kilpatrick Memorial Trophy for the highest marks for public school chorus and classroom choirs. This trophy, in memory of the director of music in Sudbury schools, Mrs. Kilpatrick, who died last year, was donated by all the pupils of the city's public schools.

Rudy Kurdel, gifted 18-year-old Sudbury violinist, won the \$250 Inco scholarship for musical study, top individual award of the festival.

In addition to the \$1,150 subscribed for direct scholarships, a substantial sum was given by various firms and individuals toward the "kitty" which the festival committee will use to assist any outstanding talent which may come along in future years.

New Legion Hall Fine Setting

There were 595 entries in the 1950 festival, and more than 2,500 competitors took part. The new Legion Memorial Hall provided splendid facilities for staging the week-long event.

Once again the big auditorium at Inco Employees Club was packed to capacity for two evenings of Festival Hi-Lites which proved inspiringly that in music the voice of the Nickel Belt is rising clear, strong, and true.

Throughout the week's competitions trained observers noted the great strides which music culture has made in the district since the festival was first organized four years ago. Teachers of music could take deep satisfaction from this, and so could the donors who have sparked the contests with their generous prizes, and so could the Kiwan's Club, which has rendered such fine civic service by back-

ing the event along with the Registered Music Teachers' Association.

To Chairman Jack Latreille and his committee, which made such a notable success of the arrangements for the festival, go 14-carat kudos, and many of them.

SOMETHING WRONG

Little Patsy, aged four, was watching her mother rubbing cold cream on her face.

"Watcha doin' that for, mommy?" Patsy asked.

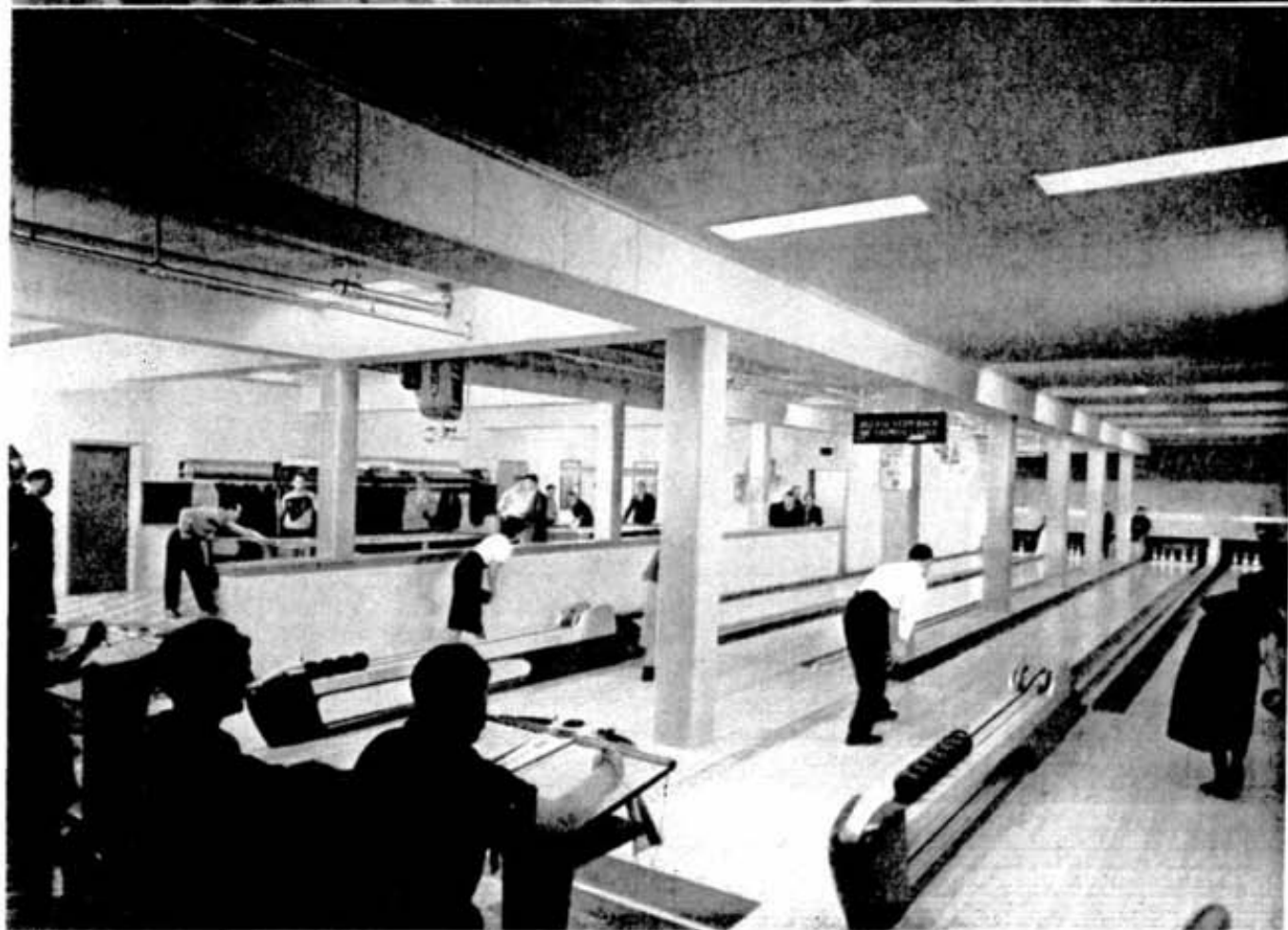
Her mother replied that she was doing it to make her beautiful.

The child continued watching for a little while. Finally she said: "Well, it ain't working right."



PRESENTED WITH WATCH

More than 50 attended the retirement dinner given by the girls of the general offices for Miss Mary Whalen (right) at the Copper Cliff Club. Presentation of a gold watch was made to the guest of honor by Miss Jean Bell.





Garson Proud Of Handsome Employee Club

Community pride soared to the bursting point the night of Feb. 1 in Garson when the swanky new club built by International Nickel for its employees and their families was officially opened.

On this and the opposite page are views of the handsomely appointed recreation centre, which is already strongly competing with similar clubs in Sudbury, Copper Cliff, Creighton and Levack for honors as the most active Inco employee entertainment hub in Sudbury district.

The auditorium seats 400 people, is fully equipped with stage and dressing rooms, and

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Drill Steel Testing Station Underground at Frood



Routine tests in hard drilling ground are made on all shipments of drill steel purchased by the Company for its underground operations, as well as on new types and models of drills and on new types of steel. The tests determine whether or not the heat treatment given in the Company's bit shops to the drill steel at the bit attachment end is satisfactory for standard drilling conditions. During the past 15 years thousands of test holes have been drilled at various locations underground at Frood-Stobie Mine. The testing station pictured above is located in the main crosscut on 2,000 level. While Henry Perrier operates the drill Pete Zahavich, efficiency engineer, records the drilling time, footage, and air pressure for each length of steel tested. This procedure is still another example of the constant research necessary to maintain the efficiency of Inco's operations.

Garson Proud Of Handsome Employee Club

(Continued from Page 9)

is marked for two badminton courts. A luxurious lounge, check room and office are also on the main floor. On the second floor, which is in the form of an enclosed gallery overlooking the auditorium, are a committee or bridge room and another well-appointed lounge. On the ground floor are a billiard room with two tables, four bowling alleys, gymnasium, men's and women's shower and locker rooms, and a canteen and kitchen. An electrically-operated dumb waiter connects the kitchen with the top lounge.

Its beautiful architectural design, colorful

drapes and smart furniture make the new club a community asset of which Garson may well be proud.

Officially Opened by H. J. Mutz

Acting in the absence of Vice-President R. L. Beattie, who unfortunately had to be in Toronto, H. J. Mutz, general supt. of mines, officially opened the club. "I know of no community where a building such as this will be put to better use than in Garson," he said, turning over a symbolic wooden key to Supt. Foster Todd.

"The opening of this club marks another step in Inco's broad program for the security, welfare, and recreational enjoyment of its employees," Mr. Mutz said. "When you consider the scope of the Inco family group, you realize that it is quite a problem to provide these facilities for everybody. This is one of the Company's best efforts." He warmly congratulated the ladies who assisted in selecting the furnishings.

Supt. Todd voiced the appreciation of Garson employees and their families to the

Company for providing such a splendid community club. Its success, he said, would lie in the activities of the members.

Marco Fluvian spoke in similar vein on behalf of the club's management committee, other members of which are A. Bowen, J. McIvor, K. Barlow, V. Stone, G. Young, and P. Desjardins, with Tom Scanlan as secretary and Supt. Todd as chairman.

Hon. Welland S. Gemmell, minister of mines for Ontario, told his audience, "You are living in one of the healthiest, most prosperous and finest mining communities in Ontario." He congratulated Garson on its handsome new club and Inco on having the foresight to provide such admirable facilities for the enjoyment of its employees.

George Secker was chairman of the opening ceremonies. A grand march was led by Supt. and Mrs. Todd to open the dancing, during which lunch was served.

There are about 140,000 retail stores in Canada, about one-third of which—the largest single group—are food stores.



Here and There
with the Camera
at the Opening of
Garson's New
Employees Club



Cliff's Curlers Hit High Spots In Competition

A new broom sweeps clean, the man said, and a rejuvenated curling club doesn't do badly either.

Probably inspired by the palatial new curling quarters provided by Inco at the Cliff, Copper Cliff Curling Club has been piling up an impressive string of victories in bonspiel competition this winter.

Two outstanding triumphs were scored for the club in the Northern Ontario Curling Association bonspiel, Hughie Munro's rink winning the first event, the President's Cup, and Clarence Harrison's quartet taking the McKellar Trophy.

Walter Johnstone was another Cliff skip who hit the high spots in N.O.C.A. play as runner-up to Munro in the President's.

Don Groom of Granite, the host club for the 1950 N.O.C.A. which drew a record entry of 96 rinks, won the Silver Peam event and the Grand Aggregate, gilding his unquestioned reputation as one of the bonniest curlers in the game locally. The redoubtable Lance Watson of Sault Ste. Marie took the Cochrane-Dunlop, Snetzinger of Hamilton the Sweet Cap, and the tough McMitchell-Copper combination from Granite the Association. Beautiful booty was donated for every event.

Munro Bobs Up Again

In the Sudbury Motors bonspiel Copper Cliff Curling Club was again very much in the limelight, copping two of the three events. Hughie Munro again distinguished himself by walking off with the Pontiac Trophy; his men were W. Hodgins, C. Michener, and V. Johnston. The Cliff's second triumph in this popular annual 'spiel was scored by Art Silver, a first-year skip with a five-year touch, who won the G.M.C. Trophy with J. McCreedy, R. Steadman, and R. Silver. The same rink carried off the honors in the first event of the Colts Bonspiel earlier in the season, with Hill-Clark-Francis and Empire Coal as hosts.



COPPED FIRST EVENT IN N.O.C.A. BONSPIEL

First event in the N.O.C.A. bonspiel was won by this foursome: Ren Silver, Jim Dewey, Vern Johnston, and Skip Hughie Munro. In the final game for the President's Cup they defeated another strong Copper Cliff rink composed of Walter Johnstone (skip), Arn Boyd, Ralph Boyter, and Bill MacKay. Hughie came right back a couple of weeks later to skip the winning rink in one of the Sudbury Motors 'spiel events.

Another nice stroke of business was put through for the Cliff club when El Umpherson's rink swept through to take the main event in the annual Capreol bonspiel, defeating George Von Zuban in the final. El's smooth-curling quartet was made up of Bob McAndrew, Steve Kuzmaski, and Bill Taylor.

Anyone who doesn't think Sudbury District curlers are bonspiel-conscious should take a

gander at the curling calendar. In addition to the major events already run off this season, still to come are the Shriners' 'spiel, the three-day Mixed 'spiel, the Junior N.O.C.A., and the Post-Season, and these of course are all special treats on top of regular competitions in the various clubs. Mister, it looks very much as if curling is here to stay.



McKELLAR TROPHY WAS THEIR DISH IN N.O.C.A.

This is the Harrison rink which won the McKellar Trophy in the annual N.O.C.A. 'spiel: Dr. Ken Bromley, El Umpherson, Clarence Harrison, and Art Silver. They beat Harris of Barrie in the final game. El, who skipped the clan in the closing matches, was credited with the "shot of the bonspiel" in a game against the Jack Mitchell foursome from Thornbury. On the final end he made a cold draw through a narrow port to lie shot and take the verdict.

Local Skaters in Repeat Triumphs

Copper Cliff Skating Club's representation made a fine showing in the Northern Ontario Figure-Skating Championships at Timmins.

Joyce Salo, delectable daughter of Mr. and Mrs. Will Salo of Sudbury, again won the senior ladies' championship and gave a polished preview of the skill and personality with which she competed for the Canadian junior title.

Margaret and Sandra Duncan, daughters of Dr. and Mrs. A. H. Duncan, skated smoothly to repeat their last year's triumph in the ladies' junior pair, with Catherine and Nancy Wilkins, daughters of Mr. and Mrs. E. D. Wilkins, placing second.

Patsy Poupore, daughter of Mr. and Mrs. M. J. Poupore, and Dorothy Jarrett, daughter of Mr. and Mrs. G. S. Jarrett, were strong contenders for the ladies' junior championship, finishing second and third respectively, as did Sandra Duncan, and Gail Beckett, the latter a daughter of Dr. and Mrs. Trevor Beckett, in the ladies' juvenile event.

Wail not for precious chances passed away!
Weep not for golden ages on the wane!
Each night I burn the records of the day—
AT SUNRISE EVERY SOUL IS BORN
AGAIN!



Leather-Workers

At Willitsville the keen young members of the Teen-Agers Club have taken up leather-craft as an activity. Here a group is busily engaged in making key cases, wallets, etc. In the back row, left to right, are Harold Golden, Jim Stevens, and Stewart Carlyle; in the centre row are Lloyd Leach, Reva Whitty, and Patsy Spry; in the first row are Eva Leach and Mona Lee, with the club leader, Mrs. Bill Tilston, looking on.

No Doubt About John's Feelings

Retired on Inco pension, John Cerovsek had returned to his old home in Yugoslavia to round out his days when it came time for the Pension and Social Club of the Copper Cliff Mechanical Dept. to present him with a gold watch. The goodwill of that fine organization knows no barriers, however, and in due course John's watch was safely delivered to him away over there in Pijavsko.

Gratitude shines like a jewel in the letter which Chairman Jack Clark of the Pension and Social Club has received from John:

"Dear Sir and Friends:

"I was surprised of your presentation dear friends which I have got in order. The fine watch will be for me a dear souvenir till the end of my life.

"I wish for your organization—for the mutual help what she is—a great future for the happiness of their members. I have been a member of this organization and I will not forget it.

"Thousands thanks dear friends

"My best compliments to friends MM Ripley, Thomson and to all the other members and your collaborators of the Social Club my dear chairman.

"Thanks for your wishes for my health and so I wish a long, long life to all members of the Social Club and to the chairman.

"Yours truly and thankfulest

retired member

John Cerovsek"

John Roinenen Has A Son to Talk About

John Roinenen isn't what you'd call the talkative type, but his favorite topic of conversation is his son Leo. Now and then, to Frank Kangas and Eino Pukaara and other mates in his blasting crew at Open Pit, he opens up about the boy who triumphed for

Canada in the British Empire Games in Australia.

The bespectacled Leo gave Canada a victory in the javelin throw on Feb. 11. He hurled the spear 187 feet 4½ inches. An engineering student at Washington State College, he took up javelin throwing only two years ago "because I'm too light for the shot put". He has thrown the javelin 203 feet in practice (the Games' record is 207 feet) but conditions at Auckland were too wet and slippery to get anywhere near that distance.

"I'm very happy I justified my inclusion in the Canadian team as it is a long way to come not to perform well," he said.

Leo gained his first fame in field events while attending Sudbury Mining and Technical School. He was a repeated winner in the shot put events and set a Canadian inter-scholastic record for the 12-lb. weight at Queen's Athletic Field three years ago. He was a standout in both javelin and discus in Finnish athletic meets at Beaver Lake.

9,000 Listings in New Directory

Many important changes marking an advance in local telephone service are incorporated in the new Sudbury-Copper Cliff telephone directory, according to H. R. Frost, manager for the Bell Telephone Company in Sudbury.

The new green-covered edition of the directory comes in force coincident with the change of 700 Copper Cliff numbers from four to five figures. All Copper Cliff numbers are now on a uniform basis with Sudbury.

Equally important is the change in the method for calling "Information." Callers wishing to obtain a number not listed in the directory should dial "113" to reach "Information" direct.

More Than 9,000 Listings

All number changes are incorporated in the new directory and help to swell the number of new and changed listings to almost 9,000.

There are seven more pages in the Sudbury-Copper Cliff section of the book,

which begins and ends with the same names this year as last. Emerson Abar, 436 Bessie St., leads off the list and Peter Zyma, 386 Frood Rd., ends it.

There are more listings for Smiths in the new phone book than for any other name, although the variations for McDonald and Johnson run it a close second and third. Smith listings total 56 with two additional Smyths and Smythes.

In second place for quantity are the Martins with 38 listings, the Wilsons with 37, the Youngs with 36 and the Browns at 35.

The Jones tribe is still not very strong in Sudbury and Copper Cliff, as far as telephone listings are concerned at any rate, for there are only 13 Jones listings in the new book.

Other popular names in the directory are the variations of Thomson with a total of 28 (made up of 18 Thompsons and 10 Thomsons), Paquettes with 29, Gauthiers at 23 and Lalondes at 22.

The most popular beginning for names of business firms and organizations is "Sudbury," which accounts for 61 listings. The name "Copper Cliff" starts off five listings "nickel" 17 and "northern" 16.

SCHOOL REGISTRATION

COPPER CLIFF PUBLIC SCHOOL

All parents having children to begin school in September, 1950, are asked to register them at the Public School on Thursday, April 6 from 9 a.m. to 4 p.m.

Registration will take place in the Kindergarten, and all parents will be required to produce proof of age for the children they register.

—Copper Cliff Public School Board.

SHORT SENTENCE

"How long you in jail for, Mose?"

"Two weeks."

"What am de charge?"

"No charge; everything am free."

"Ah mean, what has you did?"

"Done shot my wife."

"You shot your wife and only in jail for two weeks?"

"Dat's all—den I gets hung."



WHAT GOES ON HERE!

"Hey, how come?" gasps Walter Marcolini as Magician Denis Thynne does fabulous things with his molecular rings at the Copper Refinery Athletic Association's annual stag. More than 200 attended this popular do, at which Nerm McGillivray's antics and Johnny Wesolynski's accordion were other delightful features. A buffet lunch wound up the evening. The Association's annual dance is billed for Inco Employees Club, Sudbury, on Friday evening, April 14, and this is a must for the Copper Refinery people.

Port Colborne Operatic Troupe Scores Again



Port Colborne Operatic Society, at home and in neighboring cities, scored an impressive success with Gilbert and Sullivan's difficult but delightful *Iolanthe*. Top picture shows the entire cast in a finale; in the second picture are the leading characters of the play: Bob Kanel (Lord Mountararat), Shirley Ambrust (Leila, a fairy), Clark Tennier (Private Willis), Barbara Bell (Queen of the Fairies), Don Horne (The Lord Chancellor and for our money a pro any time he wants to take the jump), Donna Guinter (Iolanthe), Ken Prosser (Strephon), Elaine Houser (Phyllis), Anne Lever (Cella, a fairy), Jack Burdon (Lord Tolloller), Helen Rogers (Fieta, a fairy), Colin Davison (lead tenor).

Young Singers Give Iothanthe

Once more Port Colborne's Operatic Society, under the gifted direction of Raymond Coughlan, transported capacity audiences into the delightful world of Gilbert and Sullivan whimsy when they performed the difficult and subtle *Iolanthe* as their annual production for 1950.

We've said before, and at the risk of being a tiresome old congratulator we say again, that Port Colborne is fortunate indeed to have this splendid troupe of young people, many of them exceptionally talented, giving their time and effort to provide such magnificent entertainment and, at the same time, boost the Memorial Hospital Fund. Would that there were more such wholesome organizations, especially in Sudbury!

Iolanthe taxed the vocal powers of this young group to the limit, but they came through with flying colours. At times they touched perfection. And the completely amusing script lost nothing in their handling of it—they showed solid appreciation of the rich humour which develops as a band of fairies, under the guidance of a dominant queen, finally tilts with the House of Lords in British Parliament to gain its end.

Horne and Guinter Terrific

The following paragraph from Lilah Lymburner's review in the *Herald-Tribune* nicely describes the highlight of the show:

"For sheer beauty of performance the closing scene with Donna Guinter as 'Iolanthe' in suppliant mood before her husband the Lord Chancellor, played by Don Horne, there was nothing else in the entire play to compare. In excellent voice, Miss Guinter made an 'Iolanthe' whose approach to the mood of the play was above reproach, and this particular scene will long be remembered by those who were in attendance. As

nice a bit of acting as could be hoped for set the mood, and it was something of a surprise that Don Horne, who has made a reputation for himself in the Gilbert and Sullivan vehicles for his inimitable buffoonery, could submerge that innate talent for one of sheer drama that could have been spoiled if it had been overdone in the least degree."

The piano team of Mrs. William McIntosh and Mrs. J. S. Mewburn were back at their keyboards to give a very adequate tonal background to the performance. Too much credit cannot be given these musicians for their contribution to the success of the Operatic Society's presentations.

As for Raymond Coughlan, the director, we're going to quote again from Lilah Lymburner, who has a habit of putting these things the way we wish we could: "A man with lesser enthusiasms or knowledge of this type of music could not have accomplished what has been done here."

Over Six Years Without a Lost-Time Accident



Presentation to Their Shift Boss

A unique safety record which will command the admiration and respect of all Inco men, particularly those in the mining division, has been hung up by John Sunquist's shift underground at Frood-Stobie mine.

Last month the Sunquist shift, with an average force of 50 men, completed 100,000 shifts without a lost-time accident. Away back in August of 1943 John and his men started this impressive record, and although they have been engaged almost continuously in pillar work under difficult ground conditions they have kept their record unblemished.

In his entire career as a shift boss since 1934 John has had only two lost-time accidents charged against his crew.

Feted by Mine Supervision

He was the guest of honor at a party in the Polish Hall at Sudbury on February 26, when members of Frood-Stobie supervision gathered to salute his splendid record and extend best wishes for thousands more safe shifts.

Following a sumptuous turkey dinner John was presented with a fishing rod and reel. Presentation was made by A. E. O'Brien, until recently Frood-Stobie supt. and now Supt. of Safety for Inco. Jack Cullen, underground supt. at Frood-Stobie, was among those extending hearty congratulations to John and his shift on their outstanding achievement.

In his remarks John gave a full measure of credit to the constant co-operation and steady workmanship of his men. Without those things, he made it clear, no shift could hope to work underground for more than six years without a lost-time accident.

Here's the crew which last month completed 100,000 shifts of underground mining without a lost-time accident. Taking the bow for that outstanding record, made under difficult ground conditions, are John Sunquist and his men of Frood-Stobie Mine. John is the proud and happy guy sixth from the left in the second row. On his immediate left is Clair McAfee, level foreman. At the extreme right in the second row is Jack Cullen, underground supt., and at the extreme left is Wilf Moore, general foreman.



Fine Work, John!

Next to 100,000 safe shifts, John Sunquist likes fishing best. Celebrating the great achievement of his crew in going more than six years without a lost-time accident, Frood-Stobie supervision presented him with a rod and reel. Here A. E. O'Brien, Supt. of Safety, offers congratulations while Jack Cullen, underground supt., stands ready to do the same.

Avoid Duplication In Fish Restocking

Moving to eliminate duplication of fish restocking efforts by fish and game protective clubs in the Sudbury district, a commit-

tee will review all applications for fish for planting in the area.

Clarence Buck of Copper Cliff, permanent chairman of the Algonquin Zone fish committee, will head this special group, of whom other members are Bill Burns of Coniston, Arnold Dixon of Sudbury, and Charlie Tuttle, Sr., of Copper Cliff.

All applications for fish are to be mailed to Arnold Dixon at the City Hall, Sudbury, by March 15.

The district will be zoned for restocking purposes. Every effort will also be made to avoid duplication by private parties of projects planned by fish and game clubs.

The amount of money spent by private industry in Canada on increased material costs, new machinery and new plants last year was about \$2,156,000,000 — almost as much as the federal government's estimate for its entire budget for 1948-49.



Converter Aisle, Copper Cliff Smelter

(STORY ON PAGE 2)