

INCO TRIANGLE

VOLUME 10

COPPER CLIFF, ONTARIO, APRIL, 1950

NUMBER 1



The Escape



Published for all employees of The International Nickel Company of Canada, Limited.
Don M. Dunbar, Editor.

EDITORIAL OFFICE COPPER CLIFF, ONT.

Inco to Spend \$22 Million on 1950 Program

In their statement to shareholders on behalf of the Board of Directors, covering the activities of Inco and its subsidiaries in 1949, Chairman Robert C. Stanley and President John F. Thompson said in part: "During the year under review there were unusual fluctuations in the demand for your company's nickel products. These were caused by inventory adjustments by the consuming industries, work stoppages in the steel mills and uncertainties in the business outlook in the United States. Our sales in the early months moved ahead of the peace-time rate achieved for 1948 and then fell sharply, followed by good recovery in the latter part of the year. As a result, the volume of nickel products sold did not reach the 1948 level but still was ahead of that for 1947.

"Costs of labor, supplies and services continued to move upward. Increases in costs added substantially more to the total costs of all metals sold than we received during the year by reason of the upward adjustments in our prices for nickel which have been in effect since the last half of 1948. Lower prices prevailing for copper and platinum metals together with the increased costs and the reduced volume of our nickel products sold, resulted in lower net earnings than for the preceding year.

Ore Reserves Higher

"Our mines are in good condition and operated throughout the year without interruption. Ore mined was 9,984,891 short tons, compared with 10,866,862 in 1948 and 10,406,644 in 1947.

"Proven ore reserves at the year-end stood at 231,805,000 short tons, compared with 246,177,000 at the end of 1948 and 221,843,000 at the end of 1947. The nickel-copper content at the year-end stood at 7,630,000 short tons, compared with 7,503,000 at the end of 1948 and 7,171,000 at the end of 1947.

"Underground development in the operating mines totalled 84,654 feet, compared with 84,152 in 1948 and 54,790 in 1947. This brings the total footage of underground development in these mines to 1,408,314 or over 206 miles.

"The year was marked by much activity in preparing our underground mines for greater production of ore to compensate for the nearing completion of our working of the lower grade Frood-Stobie open pits. The No. 2 Shaft at the Murray Mine is being deepened from the 1,500 level to the 3,450 level and sinking is proceeding on a three shift basis. At the Levack Mine, preparatory work has been done for deepening the No. 2 Shaft approximately 1,050 feet. Excavation is also under way at Levack for an internal shaft with necessary permanent hoist and headframe installations. Development from the No. 2 Shaft at Garson Mine was continued at all levels below the 2,000 level. At the Frood-Stobie Mine, further progress was made on development from the No. 7 Shaft and in the areas immediately below the



Drawn for the Triangle by Orest Andrews.

bottom of the open pits which are to be mined from underground.

"Satisfactory progress has been made on the project for the mining of lower grade ores from the Creighton Mine. A new No. 7 Creighton Shaft is being sunk to a depth of approximately 2,000 feet and a new Concentrator under construction at the mine site is scheduled to be completed by 1951. The foundations for the building to house the Crushing Plant and Mill have been completed. The Concentrator will have a capacity of 6,000 tons per day and will supply the concentrate by pipeline to Copper Cliff, a distance of approximately 7½ miles.

Capital Expenditures

"Capital expenditures in 1949 amounted to \$18,553,851, compared with \$14,080,479 in 1948. The largest item was \$10,292,963 for mining. The company's new home building programme for employees in the Sudbury District is progressing and \$914,271 was expended in 1949 for this purpose.

"Capital expenditures in 1950 are estimated at \$22,000,000. The major items planned are further expenditures to prepare for expanded underground mining in anticipation of the completion of our open pit working at Frood-Stobie, to finish the construction of plant and equipment for oxygen flash smelting of copper concentrates, and to continue to provide more employee housing.

"The heavy expenditures which we are incurring are necessary in order to provide and maintain a reliable source of supply for the large markets for Canadian nickel we have built in the United States, Great Britain and other countries throughout the world. They are essential for the preservation of the life and efficiency of our mines on which our shareholders, our employees and our customers depend."

"The reduction in United States demand for nickel and mill and foundry products," the report continued, "brought the volume of these metals sold to levels generally comparable with those for 1947. The volume of our copper sales remained substantially unchanged. An advance in sales was recorded for platinum metals and a reduction for gold and silver."

Total sales of nickel in all forms during 1949 were 209,292,257 lbs., a decline of 30-

806,017 lbs. as compared with 1948 and an increase of 4,013,389 lbs. over 1947. Refined copper sales of 221,075,080 lbs. were 1,944,250 lbs. higher than in the preceding year and 403,923 lbs. above 1947. Sales of platinum metals were 214,735 ozs., against 199,550 in 1948 and 191,761 ozs. in 1947.

1,000 On Pension Roll

During the year pensions were paid to 1,000 service and disability pensioners under the provisions of the Company's Retirement System. The Retirement System has been in effect for 22 years and is financed wholly by the Company. The funds available for future benefits under the System aggregated \$41,420,243 at the year-end.

In concluding the report to shareholders, Chairman Stanley and President Thompson said: "The year under review started with a pattern of good commercial activity, followed by a recession of several months duration and a recovery during the latter part of the year which has continued into 1950. Our Company's business is so dependent on general industrial activity and political developments in the various countries which we serve that to forecast the Company's future for this year, 1950, would imply an attempt to predict the trend of world affairs.

"As we change from a seller's market to a buyer's market, it is a satisfaction to know that we are well prepared to meet this great difference in our metal business. We have a well co-ordinated organization for operations, sales and development and research, which together with our publicity programme and our Continental Information Bureaux, stands prepared to develop both our new and our old markets for the many products of International Nickel Company."

THAT EXPLAINS IT

The author of a famous book on economics received a phone call from a stranger recently: "I question your statistics on the high cost of living today," said the stranger. "My wife and I eat everything our hearts desire and we get it for exactly 75 cents a week." "Seventy-five cents a week!" echoed the economist. "I can't believe it! Won't you tell me how? And to make sure I get your story straight, please speak louder." "I can't speak louder," said the stranger. "I'm a goldfish."

INCO FAMILY ALBUM

The spotlight takes a swing around the big Inco family circle and picks out these nice-to-meet families for the April page of the Album: (1) Mr. and Mrs. Peter Kidd (Copper Refinery) with Paul, 3, Louise, 2, Cheryl, 4, and Allan, 5. (2) Mr. and Mrs. Norman Silverson (Creighton) with Barry, 8. (3) Mr. and Mrs. George Morrison (Copper Cliff Concentrator) with Lynn, 4, Percy, 7 and Edward, 2. (4) Mr. and Mrs. Andy Chuparsky (Levack) with Anne, 18, and Bill, 19. (5) Mr. and Mrs. Doug Shuart (Copper Cliff Stores) with Donald, 1, and Ricky, 2. (6) Mr. and Mrs. A. Young (Port Colborne) with Jane, 15, Enid, 11, Carl, 7, Maude, 9, and Pearl 13. (7) Mr. and Mrs. Ed Chateauvert (Frood-Stobie) with Ricky, 20 mos., Raymond, 7, Edward, 9, and Mary Jo, 13.





They Won \$31,000

Sweepstake on the Grand National Steeplechase March 25. Their ticket, No. 39615, drew Wot No Sun, which placed second. Floyd, who is a bricklayer with Inco at Copper Cliff Smelter, used the name of his five-month-old son Freddie as a nom-de-plume. Another Sudbury couple, Mr. and Mrs. N. Ristimäki, who were both born in Copper Cliff but resided many years in Kapuskasing, coming to Sudbury three years ago, held a ticket on Ashton Major, which finished third, and won \$15,000.

Fortune smiled a big broad smile on Mr. and Mrs. Floyd Cleary, and they won \$31,000 in the Irish

Floyd Cleary:

"It Felt as If Somebody Lifted a Huge Weight off My Shoulders"

As he turned in at the gate and strode toward the door of his home on Centre St. in Sudbury, Floyd Cleary thought to himself, "Well, this is it at last. The race will be over by now. They'll know."

He opened the door and heard a bedlam of excited conversation. His wife ran to him, threw her arms around his neck, and kissed him. "You've won \$31,000!" she cried, half laughing and half weeping with joy.

Floyd was stunned by the news. He remembers that he felt as if somebody had lifted a huge weight from his shoulders. He felt free again, after more than a week of tension.

Then everybody crowded around to shake his hand and pound his back and congratulate him on his wonderful stroke of luck. His mother-in-law, Mrs. W. J. Hanover, was there, and so was Mac McQuinn, a fellow bricklayer with Inco at Copper Cliff. Mac had been helping him move his furniture that morning from 352 Elgin to the new home at 248 Centre. His brothers-in-law, Tom and Bobbie Hanover, had also been helping, and they were there too.

Floyd poured a round of drinks and everybody toasted his good luck. He kept thinking it must all be a dream. He felt giddy when he thought of the \$31,000, all his.

Then the house was filled with reporters asking him questions, and photographers pepping their flashbulbs, and radio men who

made a recording of an interview with him.

He had his picture taken with his wife and their five-month-old son Freddie, whose name he had used as a nom-de-plume when he bought the ticket in the Irish Sweepstakes. He also had a gag picture taken with a couple of his chums, "hoisting one" in honor of the great day.

Dr. Webster phoned and asked to talk to Mrs. Cleary, whom he had been treating over a period of time for a bad set of nerves. He had heard the big news and offered his hearty congratulations, but warned Mrs. Cleary to take it easy and not get too much excitement.

Gradually the conversation settled down to something approaching normal, although friends kept calling in person or over the telephone to say how glad they were at Floyd's good fortune.

Floyd got his first inkling, that Dame Fortune had taken a shine to him, on the morning of March 16 while he was at work. He was helping to brick piers on the reverberatory furnaces in Copper Cliff Smelter when he was told that there was a phone call for him. He went to the rever office to take the call. It was his wife to say she had a telegram advising him that his ticket, No. 39615, had been drawn on the horse Wot No Sun in the Grand National Steeplechase. She could hardly control her voice.

Floyd went back to his job and told his

sub-foreman, Mario Desanti, what had happened. Mario was greatly excited and passed the word around in the gang. Floyd got a lot of ribbing from Bud Cappelletti and Joe Violin and Eddie Willings and the rest of the boys. They made many bright suggestions as to how he could spend his winnings, if he won, and generously offered to help him get rid of the swag.

During the next eight days Floyd had a hard time to keep his mind on his work and not build dream castles. He didn't want to get his hopes too high and then have them dashed to the ground, although he knew of course that he was already sure of a small cash prize even if "Wot No Sun" took a jump over the moon.

He had arranged to move into his new home on the morning of the 25th, a Saturday, and he went ahead with his plans anyhow, although that was the day of the race.

About 10:00 o'clock on the Saturday morning he flicked on the radio, which had already been moved, along with some of the other furniture, to the new house. He heard the announcer say it would be quite some time yet before the race. He turned off the radio; he decided he didn't want the excitement of listening to the broadcast of the race. He felt restless and nervous, and decided he would walk down town to buy a new license for his car. When he got to the license bureau he found a big lineup, and by then it was impossible for him to stand patiently and await his turn, so he went back to the house. He tried to walk at a normal pace along the way but he was taking some pretty long steps by the time he reached 248 Centre St. Then he got the news.

As long as he lives, the details of that Saturday will be etched sharp and clear on his mind.

The moving job was postponed until Monday, Floyd taking that day off, but he went back to work as usual on Tuesday, and has been on the job steadily ever since.

Floyd is a level-headed young man who was born in Ireland but came to Canada as a child and was raised in Brandon, Man. He joined the Inco ranks in 1939. He was married in 1946 to Catherine Hanover of Sudbury. Freddie is their only child.

Floyd was notified that he would receive his prize money about 21 days after the race. He has received two letters from people who want to sell him tourist camps, and several salesmen have contacted him with various propositions, on none of which he has nibbled. He is going to trade in his 1934 Chev. on a new Mercury, pay some bills, and buy the best carriage in the store for Freddie. The rest of the money he thinks he will put in government bonds, or something like that, but he's going to have a talk with his bank manager, Charlie Ross, before he makes any moves.

"After all, a thing like this might only happen to a fellow once in a lifetime," he says, with masterful understatement.

TRY THIS DAILY DOZEN

1. A little patience at least once.
2. A little of unselfishness.
3. A kind word or two—or three.
4. A bit of self-control.
5. A flash of generosity.
6. A prompt excuse for someone else.
7. A noble thought.
8. A good deed not left undone.
9. A brief prayer.
10. A moment of thankfulness for the blessings enjoyed.
11. A kindly smile where it may brighten another.
12. A snatch of song or hum of tune.

—Sun Life Production News.

Man will begin to get somewhere when he develops a brake for his tongue and an accelerator for his brains.



Chief Receives Trophy

Fire Brigade the shield emblematic of Inco inter-plant fire-fighting supremacy among pumper brigades, won in last fall's competition. Hearty congratulations were extended from the Town Council by Cllr. A. Desautels, Cllr. A. J. McKerral, Cllr. Jack Angove, and Mayor Roy Smith, seen in the background.

Praises Work Of Volunteer Fire Brigades

"As volunteer firemen you represent a very ancient, honorable, and important service to society," Fire Inspector W. A. Humphries told members of the Coniston Brigade when presenting them with the shield emblematic of the Inco fire-fighting championship for pumper brigades which they won last fall.

"I was glad to see the Coniston Brigade succeed in this contest because it could not have been won by a better group of fellows. I congratulate you all. Special mention should be made of the work of your chief, William McLaughlin, and of the co-operation of your Town Council, without which you could not have come out on top," the fire inspector said.

"As you probably know," he continued, "there is considerable rivalry between volunteer and professional firemen; the latter sometimes have a tendency to 'high hat' the volunteers. Be that as it may the volunteers far outnumber the professionals, put out the majority of fires, and are an extremely valuable group of citizens."

Eight Times as Many Volunteers

"In the big towns the 'pro' has taken over but in places under about 10,000 population the volunteer still runs the show. For every professional fireman in Canada and the U.S. there are approximately eight volunteer firemen, and they handle about two-thirds of our annual crop of fires. Of the 33 fires in the U.S. in 1948 with losses of more than a million dollars each, 13 were handled by volunteers."

"Volunteer firemen are the oldest in point of service of all our public services. The first organized volunteer fire brigades in England were started after the Great Fire of London in 1636. In America the first volunteer brigade on record was started in 1648 in New Amsterdam by Peter Stuyvesant. Records show that George Washington was at one time an enthusiastic and hard-working volunteer fireman."

Fire Inspector W. A. Humphries is seen presenting to Chief Bill McLaughlin of the Coniston Volunteer

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"The history of your organization is a long and honorable one, and you are just as important now as you were then," Inspector Humphries said in conclusion.

Mayor Roy Smith expressed the pride and admiration of the citizens of Coniston in their volunteer fire brigade, and pledged the continued active support of the Town Council in this vital community service, as did Cllr. Jack Angove, chairman of the Fire Protection Committee.

Motion pictures of modern firefighting methods and equipment were shown prior to the presentations, which were followed by a social hour.



MEDALS FOR ALL

Each member of the champion Coniston Volunteer Fire Brigade received a medal, suitably engraved, as a memento of victory in last fall's Inco inter-plant firefighting competition. Fire Inspector Humphries here presents one to Nick Todd.

A TRAVEL FOLDER?

One Sunday the little granddaughter of the country editor came home from Sunday School with a nicely illustrated text card. "What have you got there?" asked her mother.

"Oh, just an ad about Heaven."

How to Stay Healthy



DON'T FALL FOR THIS ONE!

Sometimes it looks pretty silly when a person trips or falls. The chances are you can think of any number of such situations which have caused a chuckle. But did you ever stop to think of the serious side of the picture?

Do you know that falls account for one out of every five accidents on the job? All too frequently these falls result from poor housekeeping in the plant or office.

A file drawer left open, for instance, may appear quite harmless. It might, however, cause someone to suffer a serious injury. That's why it is important to practice good housekeeping on the job. Keep your working place orderly and aisles and passageways free from obstacles. After all, good housekeeping on the job is just as important as it is in your home, and for the same reasons — your comfort and safety.

Mark of Efficiency

Good housekeeping means a safer, a better, a more satisfying place in which to work. Furthermore, it is a mark of efficiency at your job. Very often you are judged on the appearance of your desk or the bench where you work. The following "housekeeping hints" supplied by the Metropolitan Life Insurance Company will, if followed, be a direct benefit to you in your work — will help you take pride in your work and in a job well done. Probably you can add a few hints of your own to this list.

Good Housekeeping Hints

- In the Plant:
 - Keep stairways and aisles clear.
 - Keep floors clean and dry.
 - Put your tools back in place.
 - Clean up before you leave.
- In the Office:
 - Keep all file and desk drawers closed.
 - Don't let things pile up.
 - Put waste papers in the basket.
 - Keep your locker orderly.

Actually, most of these hints apply both in the office and in the plant. There's nothing very difficult about any of them. They are just an expression of common sense. Good housekeeping means a place for everything, and everything in its place; consideration for the other fellow; and an interest in your own safety and comfort.

OVERDOING IT

At the bedside of the dying Scottish merchant, his sorrowing wife and family gathered for a few last words.

"Can you hear us, Father?" sobbed his wife. "We're all here, praying for you — your sons and daughters and your old Maggie."

With an anguished scream the old man sat up in bed. "Who's looking after the store?"



Levack Ladies Score with Fine Fashion Show

A smartly arranged fashion show, presenting a wide range of garments which would come in handy in any woman's wardrobe rather than the current style extremes from Paris, London, New York or Montreal, was staged by the Levack unit of the women's auxiliary of Sudbury Memorial Hospital on Saturday, March 18, in the Employees Club.

Proceeds of the show and tea will go toward the furnishing of a "Levack room" when the Memorial Hospital is built.

Lovely evening gowns, cottons with that crisp, immaculate look, sports ensembles, tailored slacks, kiddies' wear, shorts and other garments including bathing suits were





Drew Long Applause

In this closeup of the lovely wedding group at the Levack fashion show on March 18 are seen: the mother of the bride, modelled by Mrs. Wm. Lockhart, in navy; the flower girl, Paulette St. Pierre, in yellow organza; the bride, Fay Shillington, beautiful in traditional white satin; the matron of honor, Mrs. Nettie Mohs, in a gown of orchid taffeta.

modelled with a professional flair by a group of Levack ladies including Barbara Montgomery, Mrs. W. Lockhart, Jean Endelman, Viola Yahnke, Pearl Anderson, Fay Young, Hortense Mason, Nettie Mohs, Joan Ludgate, Fay Shillington, Sally Warner, Dorothy Schneider, Ollie Wright, and Paulette and Joyce St. Pierre. All garments were loaned by Marie's Dress Shop of Levack.

A. Lafrance and Sons of Sudbury sent a beautiful showing of furs, of which the hit was a midnight blue Scotch mole evening stole. Original handmade hats by Gainsborough of Paris and Haas of New York, complementing the ensembles, were shown by the May Adam shop, Sudbury.

Mrs. R. Gomoll was pianist and played a background of soft music as the models appeared on the ramp extending into the centre of auditorium. Each presentation was introduced by the first few bars of theme songs sung by Mrs. Betty Adams.

Final authentic touch to the arrangements was the graphic commentary provided by CKSO's talented Shirley Shea, whose description of the presentations completed the salon atmosphere.

The entire show was expertly planned and timed so that it went off without a hitch.

The St. Patrick's day motif was carried out in the decorative scheme for the tea tables, on each of which was a handmade Irish rose. Pouring tea were Mrs. Chas. Liveley and Mrs. Wm. Cowan.

At the close of the fashion showing Mrs. D. S. Humphrey, president of the Sudbury Memorial Hospital women's auxiliary, warmly complimented the ladies of the Levack unit on the success of their project.

A draw for a \$50.00 Dominion of Canada bond was won by Wayne Breeze, 6, of Levack, and Mrs. A. Long received the door prize, donated by Birks.

THE PICTURES

Top photo on the opposite page shows the bridal group which was a standout among

the presentations at Levack's first fashion show.

At left centre Miss Fay Young models a smart grey gabardine suit, which Miss Shea called "the busy girl's best friend". This suit would be as much at home on Fifth Avenue as it was in Levack, she said,—as correct abroad as it was for touring the town or

travelling to the classroom.

At right centre Mrs. Joan Ludgate appears in a navy dress with a collar of striped taffeta and a smartly tailored skirt.

At lower left are Paulette and Joyce St. Pierre, aged 7 and 6, in cute little two-piece play dresses.

At lower right, enjoying their well-earned cup of tea, are members of the committee in charge of the very successful event and others who contributed to the program. In the centre is Mrs. Wm. Gunn, recording secretary of the Levack auxiliary unit; clockwise from the left are: Mrs. D. S. Humphrey, president of the Memorial Hospital auxiliary; Mrs. P. D. Ross, unit president; Mrs. Ralph Gomoll, pianist; Mrs. W. Stephenson (standing) the unit's 2nd vice-president; Mrs. Garth Green, chairman of the ways and means committee, who received much of the credit for the effectively managed show; Miss Shirley Shea of CKSO; Mrs. Percy Yuill, pianist; Mrs. E. W. Lawrence, membership convenor; Mrs. Joan Ludgate, 1st vice-president; Mrs. Earl Adams, treasurer and soloist.

The Will to Win

A wee lad toddles gaily in the park,
Ears cocked to hear the squirrel's chattering bark.

He spies the pigeons preening in the sun,
And now his fat legs buckle as they run
To catch the iridescent feathered balls
That waddle just a step ahead. He falls
With arms outstretched and tumbles on
his face.

Cradling his head against the soft grass
lace.

He wriggles for a moment in delight,
Eager to challenge the bird's unhurried
flight.

Then scrambles to his small feet to commence

His chase once more — his shining eyes
immense.

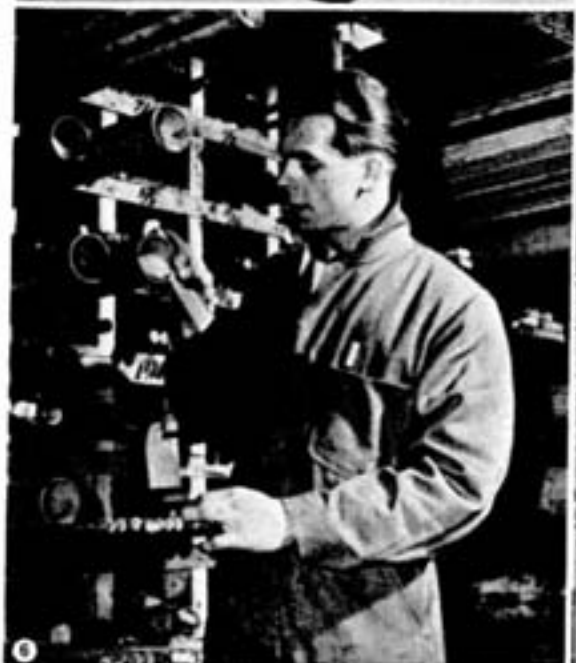
Learning to rise from failure with a grin
And to go forward with a will to win.

—Florence Marie Taylor



Honor Elsa McDonald

A group of her associates in the General Offices at Copper Cliff gave popular Mrs. Clayton McDonald a farewell gift on her departure last month to devote all her time to home-making after seven years on the Inco stenographic staff. The presentation of cups and saucers was made by Miss Rosemary Owens. Formerly Miss Elsa Tramontini, Mrs. McDonald was married in 1948. Seen in the photo with her are, left to right, Maureen Brannigan, Joyce McClellan, Jean Wiseman, Jo Travaglini, Mary Coleman, Lily Kauppi, Naomi Ferras, Veronica Sauriol, Dina Biondi, Dina Minardi, Rosemary Owens.



The Job of Alloy Metal Sales

It's high time for the Triangle to introduce the people of Inco who produce its ore, matte, and metals to some of the people who deal directly with its customers.

Alloy Metal Sales Limited of Toronto is an Inco subsidiary which distributes our Company's products in the territory bounded on the east by a line from Ottawa to Brockville and on the west by the province of Manitoba. Other Canadian distributors of Inco products are Robert W. Bartram of Montreal and Wilkinson and Co. of Vancouver. All three handle pure electrolytic nickel, and nickel alloys such as Monel and Inconel, as well as subsidiary alloys such as the stainless steels.

Alloy Metal Sales works hand-in-glove with the Company's Research and Development Department and its Sales Department at the never-ending job of introducing nickel alloys into tough spots where corrosion resistance, life at high temperatures, fatigue resistance, etc., are vital to the success of Canadian industry.

A.M.S. men are young, keen, carefully trained in the practical rather than the theoretical, and fairly bubbling with zeal for nickel. They can go out and ring doorbells or they can sit in on technical conferences. They act as advisers or trouble-shooters; if they get beyond their depth in some particularly tricky problem they promptly call for help from D. & R. or Sales. They're expeditors, liaison men, and emissaries of Canada's wonder metal.

Now let's follow the camera here and there as it picks up A.M.S. men at work and shows some of the things they do and the people they serve:

1. J. A. Vickers (left) and P. S. Bull, one of the Alloy Metal Sales representatives, inspect a Type 304 Stainless Steel dough trough fabricated by James A. Vickers Limited, Oakville. The A.M.S. man's interest in his customer by no means ends with

delivery of the nickel-containing raw material; he keeps in close touch with the fabricating process, is often called in for conferences on production problems, takes as much pride in the finished product as if he made it himself.

2. Alloy Metal Sales' foundry engineer is seen here discussing with the sales group the uses of nickel in cast iron, and the applications of the sensational new ductile cast iron. Left to right in this lineup of hustlers are Don Macdonald, Bruce Barron, Howard Smith, Hugh Watson (the foundry engineer), John Pinto and Fred Bull.

3. J. G. Near (right), president of Alloy Metal Sales Limited, reviews first quarter business with H. G. Belfry, office manager, and D. C. McCaig, accountant. Tremendously enthusiastic about nickel's accomplishments and future in the industrial world, President Near says, "We're not just merchandising metals, we are literally making markets. And we are just as great as our activity is great, because the opportunities for long-life nickel alloys are all around us."

4. This photo shows the end of a large caustic concentrator fabricated from $\frac{1}{2}$ -in. solid nickel plate and solid forged nickel ring, for the Dow Chemical Company. The fabricated and welding are being discussed by Bruce Barron (right) of A.M.S. with John Sullivan and Fred Trayling in the plant of Toronto Iron Works, the fabricators of this equipment.

5. D. R. Moffat, vice-president, and H. C. Darroch, assistant general sales manager of Moffats Ltd., Toronto, have a huddle with John Pinto (right) of Alloy Metal Sales concerning customer co-operative advertising put out by Inco describing the new type Inconel immersion heater with which Moffats are now equipping electric water heaters. Messrs. Moffat and Darroch are inspecting one of

(Continued on Page 16)





The Camera Attends
a Mixed Curling Session
at Copper Cliff



Roarin' Game Gentled at Last By the Ladies

The old days when the curling rink was an inevitable male retreat, a haven for harassed husbands where never was heard a feminine word, and sins of omission or commission provoked only the sulphurous wrath of a mere skip—these days has long since gone forever.

With the gentle persistence and subtle finesse of their kind the ladies, God bless 'em, have quietly moved into the curling picture, very much to stay. They've brought glamour and color to a drab scene, and, in turn, curling rinks have spruced up immeasurably to be attractive for them.

In some extremes, perhaps, Mother has embraced the roarin' game so ardently that her small child sines plaintively, "Don't go curling tonight, Mama, stay home with Daddy and me," but these are few and far between.

Father, slowly yielding to the inevitable with a proper masculine show of dignified reluctance, secretly admits that the feminine presence is what the old curling rink needed years ago. There's something more solidly satisfying about executing a perfect wick and roll to the button when admiring feminine eyes are glowing in the gallery. He finds, too, that the regular mixed curling sessions are not only a delightful means of companionship but also can result in a real saving on the family's china tea service if there happens to be some slight domestic difference to be settled: a well-placed curling shot can be just as eloquently emphatic as a "flying saucer," and is a lot easier on all concerned.

THE PHOTOGRAPHS

Photos on the opposite page were taken during one of the popular Saturday night mixed curling bouts at the new Copper Cliff Curling Rink, and everything seemed to be blissfully harmonious as far as the innocent lens could see.

In the top picture are a group of Creightonites and former Creightonites who were having a happy get-together with curling as the main feature of their evening's entertainment: front row, Johnny McCreedy, Jack Buchanan, Mel Whittles, Dr. Boyd McGruther, Ralph Hawkins, and Frank McAteer; back row, Mrs. Buchanan, Mrs. McAteer, Mrs. Hawkins, Mrs. Whittles, Mrs. McGruther, Mrs. Ron Silver, Mrs. Art Silver, and Mrs. McCreedy.

In the shot at left centre Mr. and Mrs. Aubrey Wright duel for the advantage as opposing skips in a keenly contested match. Mrs. Wright is one of the best curlers in the ladies' section of the Copper Cliff club, with many trophies to her credit, and it keeps Aubrey hopping to match her generalship on the ice. He won this particular game by a whisker.

At right centre is depicted that monumental curling experience known as an "8-ender," in which all of one rink's stones are counters against none for the other rink. On the left, reduced to bitter tears in this moment of stark humiliation, are Mrs. Bruce Wilson, Mr. and Mrs. Jack McConnell, and Dr. Wilson; on the right, unmistakably exalted by the situation, are Mr. and Mrs. Bob McAndrew and their guests, Mr. and Mrs. Jack May of Toronto.

Lower photo shows a typical post-mortem in progress at Harry Ryder's snack bar: left to right are Ken Madill, Keith Harkins (standing), Mrs. Madill, Mrs. Harkins, Scotty Forsythe (standing), Mrs. Clarence Meaden, Mrs. W. Nelson, Mrs. Forsythe.

Junior Curlers Wind Up Season



Receive Nute Trophy

Steady and cagey curling won the C. W. Nute Memorial Trophy for Gordon Bennett's rink in the annual competition for High School boys at Copper Cliff Curling Club. H. J. Muir, vice-president of the club who has been in charge of coaching the junior curlers during the season, is seen above presenting the beautiful trophy to the victors, Gordon Bennett, Bill Clement, Lewis Rogers and Ross Prince.



Bellay Rink Runner-up

Runner-up for the Nute Trophy was Harry Bellay's rink, seen here with C. M. Elliott of the Copper Cliff High School staff.

Left to right are Jack Taus, Wesley Graham, C. M. Elliott, Harry Bellay, and Adelchi Bulfon. Grand finale of the season for the Cliff High School curlers was a draw in which four teams of skips played off for the right to represent Copper Cliff Curling Club in the N.O.C.A. Junior championship tourney for the Edward McMillen Memorial Trophy at Copper Cliff on April 14. Winning rink is composed of W. Coe, K. Sharke, D. Ugucioni, and D. Lemihan. Six clubs, including Sault Ste. Marie, were represented in this event last year with Sudbury Granite's boys taking the title.

DONT GIVE UP

Harvey Kennedy, who conceived the idea of the shoe lace with a metal tip, realized \$2,500,000 from his patent.

Six people first saw the value of umbrellas . . . and earned \$10,000,000 manufacturing them.

The little metal heelplate for shoes brought its inventor a yearly royalty of \$1,500,000.

A Port Elizabeth, South Africa woman

earned \$40,000 a year from the simple straight Mary Anderson curling iron.

The inventor of the roller skate, Dr. Plimpton, rolled into earnings of \$1,000,000.

John Giltin made \$75,000 from the old "Dancing Jim Crow" doll.

Walter Hunt invented the safety pin in three hours. He sold the patent rights for only \$400 a few hours later.

Looks like there's hope for you and me yet. —A Message from Murray



More Pictures of You-Know-Who

Don't look now, children, but put away those alleys and paper darts because somebody just came in.

On this page is another group of photographs of the people whose vital but too often forgotten contribution to society we saluted in our March issue—the teachers.

We're proud and happy to introduce to Triangle readers:

(Top photo) The Creighton Public School Staff: front row, Carl Mathies, Bessie Dolson, Ursula Black (principal), Madelaine Rochon, Keith McNaughton; back row, Mrs. Marilyn Trembley, Stella Nowasid, Mrs. Rita Craigen, Mike Wandziak, Alice McDonald, Mrs. Evelyn Platt.

(Left centre) The Garsch Separate School Staff: front, Mrs. E. Coucroche, A. Landry

(principals): standing, A. Proulx, Mrs. G. Robitoux, E. Mulholland, M. Edwardson.
(Right centre) The Coniston Continuation School Staff: George Maher, Margaret Peterson, E. J. Orendorf (principal).
(Lower left) The Coniston Separate School Staff.

(Left to right, front row), L. Bidal (principal), Margaret Hanley, Ellen Sabourin, Rejane Beaudoin, Velma Carter, Paul Paquette; back row, Monica Donegan, Cecile Giroux, Julia Perrier, Jeanne Giroux (teacher of music), Antoinette St. Germain, Veronica Drohan. (Absent through illness, Margaret McEwen).

Some Comments by Roderick Gunning

Copper Cliff, March 12.

Editor, Inco Triangle:

Congratulations on the March issue of Triangle. I have several times had a yen to write a letter of appreciation but hesitated when I thought the object of the letter might be misconstrued.

I first felt an urge to write some time ago when every worker received a copy of "The Romance of Nickel". I found the booklet very interesting and easily understood by people both in the industry and outside of it. The issuing of it was a fine gesture in the promotion of better labour relations.

This month's edition of Triangle is a particularly fine one as it covers such a wide field.

The opening of the new Garson Club is another step in the great strides which have been taken in recent years to provide recreation centres in the Nickel District.

The pictures of the school staffs remind us of the constantly improving educational facilities which are being extended.

Pictures of various work groups and the Family Album depict the cosmopolitan composition of our rank and file workers and are ample proof that the rough edges of friction which are often caused by differences of race and religion are being worn smooth by constant association and united endeavour.

The excellent illustrations of various phases of our Company's operations are always interesting. Educational articles on various processes and expanding uses for nickel products should be and I believe are viewed as items of paramount interest by the average intelligent workman.

Finally, the last line of a verse on Page 12 struck a responsive chord in me: "At sunrise every soul is born again." This is an excellent thought to begin every day with, so let us all cultivate harmony, practise charity, and live in peace with all men.

Sincerely,

RODERICK GUNNING
(Plate Shop)

Best in the North

secondary schools, while his brother Leonard and his father, Wesley Sr., Frood-Stobie hoistman, give the family's public-speaking prodigy a mild ribbing. At North Bay young Wesley won the Toronto Star Trophy, emblematic of the Northern Ontario championship in open oratorical competition. He has a sister, Estelle, who lives in Hamilton.

"Atomic Age" Address Wins Oratorical Championship for Wesley Thompson Jr.

The world today faces the most critical situation imaginable, Wesley Thompson of Sudbury High School said in the dynamic address on "The Atomic Age" which won him the oratorical championship of Northern Ontario Schools in open competition at North Bay on March 10.

"Since the disaster of Hiroshima the world has known of atomic energy," he said. "This wondrous force can either benefit us or destroy us. The world cannot have both atomic energy and war . . . and live. We must go forward to Utopia or back to the Stone Age."

In his cleverly arranged presentation, young Wesley set forth both alternatives. The world finds it difficult to imagine any good arising from such a terrible force as the atom bomb, but atomic energy could be put to wonderfully beneficial uses.

"Controlling atomic energy means controlling the men and governments through which it works," he declared. "We must remember — and work to make others remember — that atomic energy means peace — work conscientiously for the cause of Canadian ideals, and soon others will follow in our footsteps . . . work for peace, and there is not even the slightest possibility that man will go back to the Stone Age."

North Bay Girl Second
Seven representatives of Northern Ontario schools took part in the final contest. Second place was won by Margaret Stoute of North Bay.

In addition to the Cooper and Star trophies, Wesley has won the McCrea medal as the outstanding orator of Sudbury High and

Tech schools, and the Lions Club medal. His next goal is the finals of the Lions Club oratorical contest for all Ontario schools, to be held during the Canadian National Exhibition at Toronto.

Wesley has given his address literally dozens of times — in practice, in competition, and as guest speaker for service clubs and other organizations. He believes he could say the whole thing through in his sleep. The amount of talking he has had to do in the past few months compensates in a way for the amount of talking his father hasn't been able to do in the past 20 years as an Inco hoist operator; a sign beside the controls of his hoist says, "Do not speak to the hoistman while the hoist is in motion" — and it's in motion almost steadily all day long.

WE KNOW HIM WELL

"He drove straight to his goal," said the political orator. "He looked neither to the right nor to the left, but pressed forward, moved by a definite purpose. Neither friend nor foe could delay him nor turn him from his course. All who crossed his path did so at their own peril. What would you call such a man?"

"A truck driver," someone shouted from the audience.

A QUICK TRIP

Scotsman's wife whose doctor told her she had to have salt air woke up the next morning to find her husband fanning her with a herring.



COLLECTED \$78.00

W. Gillen, boilermaker in the Copper Cliff shops, picked off a \$78.00 Suggestion Plan award for an improvement to converter uptake elbows. Seems rather happy about it, too.



Record Turnout At Rod and Gun Club's Banquet

Almost 350 Nickel Belt sportsmen, many of them wearing the brilliantly hued shirts which they don to roam the wilds, attended the annual banquet of Copper Cliff Rod and Gun Club, held in the handsome new Italian Hall at the Cliff on March 27.

Speaker of the evening was Paul Queneau, past president of the Rod and Gun Club and now a metallurgist with the New York staff of Inco, who gave a keenly enjoyed informal account of the trip he made in the summer of 1949 with Peter Scott, noted British scientist and explorer, to conduct a survey of wildlife in the Arctic.

Beautiful color slides illustrated the address, and brought home vividly to the audience the dreary expanses of the far North, the perils of life and travel there, the friendliness of the natives, and the nature and habits of the game available.

Enthusiastic applause was accorded each of the club's champions as they came forward to receive their awards for their skill as fishermen and marksmen.

THE PICTURES

Photographs on the opposite page show some of those who were presented with awards:

1. James Savage, president of the Rod and Gun Club, stands between Ken Clarke (left) and Paul Queneau, who received life membership from the club in recognition of their outstanding efforts in the cause of conservation.

2. Fred Benard (left) presents his shield for the second consecutive year to Bill Darrah, who again won the club fishing championship with an 8½-lb. pickerel he caught in Birch Island waters. (The mounted fish in the background is a 39½-lb. lake trout landed in July of 1945 by H. Karl of Sudbury).

3. Charlie Tuttle (left) chairman of the club's fish committee, makes the presentation to J. E. Sloss of first prize for the rainbow trout class. His entry, one of the largest rainbows caught in Sudbury district in recent years, weighed 7 lbs. 2 oz.; the head of the mounted beauty is seen in the background.

4. Howard Lyons and Charlie Tuttle Jr. hear their fishing feats lauded. The former won the prize for largemouth black bass with a fish weighing 4½ lbs.; the latter received second prize in this class with a 3½-lb. entry.

5. A trio of speckled trout specialists are in the limelight here. Walter Crumb, second from the left, Don McPhail, and Andy Moxam are the smiling prize-winners. Andy's entry, weighing 5 lbs. 2 oz., was best in the speckled class and was runner-up for the club championship on the percentage-of-world-record basis used to decide the winner of the Benard Shield.

6. Paul Queneau presents the silver tray he donated for the club's individual rifle championship to that well-known marksman and skier, Kel Sproule. On the left is John Avery, chairman of the club's rifle committee.

7. The team championship for shooting was won by (left to right) Hughie O'Connor, Jim Lee, Tom Thorpe Jr., and Adam Watson. They are seen receiving the Clarence Sinclair Cup and individual prizes from the donor who, although now a resident of Sudbury, retains his interest in Rod and Gun Club activities.

8. Jim Lee (left) is presented with first prize for the scenic section of the photo contest, a new feature of the club's competitions, by Walter Wilson, chairman of the

activity. On the right is Tom Peters, whose entry was best in the wildlife section.

A variety show was the final treat of the big entertainment package, putting the finishing touches on a most successful get-together.



Orest Andrews, putting the finishing touches to his cartoon for this issue of the Triangle.

Here's the Man Who Draws that Cartoon

Dozens of Triangle readers have gone out of their way to tell us how much they enjoy the cartoons which have been appearing regularly of late on Page 2. The one in the March issue, in which those two amiable, highly imaginative, and beautifully gullible characters suffer another of their unique emotional experiences when they sink their shaft past the Point of No Return and find themselves explaining their carelessness to His Satanic Majesty, hit a high-water mark of popularity. We think the one in this issue, covering the opening of the speckled trout season on 2,000 level at Frood-Stobie, will be another big hit.

Orest Andrews, the gifted young (28) artist who does this whimsically humorous feature for the Triangle, is attached to the Safety Dept. at Copper Cliff and turns out posters, charts, diagrams, etc. for them, as well as handling various special assignments for the engineering departments.

He was born in the Western Ukraine and arrived in Canada at the age of 8 with his mother and younger brother to join his father, who had come over to Sudbury the year before and was employed by McLeod's Garage, where he still works. The brother, Roman, is now an engineer with the Hydro in Toronto.

Orest attended school in Sudbury and then studied art for four years in Toronto. He joined Inco in 1942. He served in the Canadian Army for three years, two of them overseas. He was married in Toronto in 1946 to Miss Amelia Richard, and they have a daughter, Roberta, aged 3, who has had her picture drawn more times than her daddy can count.

Working out the idea for the Triangle cartoon, doing rough sketches until he gets just about what he wants, and then cracking out the finished drawing, takes Orest a full day on the average. He enjoys the assignment and gets just as much kick out of the cartoon's two heroes as do our readers.

ALL THINGS NEW-BORN

Be gentle, spring, to new-born things,
Small rabbits cowering in fern,
And fledgling wings so brief and frail
That hesitate to learn
The ways of space, to lamb and foal
And fawn that, trembling, press
Wide-eyed against their mothers' flanks,—
Protect their littleness!

—Leslie Savage Clark

A GOLDEN RULE

Many a man has been ruined, many a woman, too,
By some saphead who started a rumor, with
not one word of it true.
So when you hear someone knocking, be
it a woman or be it a man,
Just say it's a lie and forget it, and never
repeat it again.



Present Badminton Trophy

By a score of three matches to two Copper Cliff defeated Sudbury

Y for the 1950 Nickel Belt junior badminton championship and the Demarco Trophy, which Tony Demarco is seen here presenting to pretty little Helen Stoddard, captain of the Cliff team. On the left is "Scotty" McDermott, the Cliff coach, and on the right are Vieno Johnson, the Y captain, and Mary Terrell, the Y coach. Others members of the victorious Cliff lineup: John Buck, Barbara Hamilton, Dougie and Connie Norman, Michael and Jerry Gaetz, Lorraine Gladstone, Laurie Bazinet, Carol Bruce, Phillip Neary.

Two Ski Titles To Bill Dawson

Bill Dawson of Montreal, recently transferred to the Copper Cliff plant of Canadian Industries, Limited, copped the lion's share of the honors in the annual Nickel District and Sudbury Ski Club championship meet on March 19.

The smooth-sailing lad from the Laurentians, one of the best skiers ever seen in action here, won both the downhill and slalom



events in the Class 1 competitions. Picture shows him flashing between flags of the slalom course, which was laid out on the very difficult Onaping Hill run at Levack. Second place in both these events was won by Tom Acheson of the Inco Electrical Dept. at the Cliff, and third place in the slalom was taken by Kel Sproule, Inco research director and veteran Copper Cliff skier.

In Class 2, over Levack's Clearwater run, Pat Kirby won the downhill, Bob Skelley was first in the slalom and second in the downhill, and Roy Astbury was second in the slalom. In the ladies' events Senny Stanley (her dad's on the electrical staff at Open Pit) won both downhill and slalom; Evelyn Pawson was second in the downhill and Marion Chalmers was second in the slalom.

Fergie Legg, president of Sudbury Ski Club (and a member of Jock Raney's miscellaneous fitter crew at Copper Cliff Smelter) headed the committee in charge of the successful championship event.

Levack, with its lower temperatures and usually heavier snowfall, has been the one bright spot in the local skiing picture this season, and has drawn big week-end crowds. If a rest room and snack bar were added to its towing facilities, it would indeed be a skier's paradise. Sudbury Ski Club's newly installed tow at Long Lake could be operated on only two week-ends during the winter, weather and snow conditions being the same as those which brought financial ruin to dozens of private ski lodge operators in Quebec and Ontario this year.

The Job of Alloy Metal Sales

(Continued from Page 9)

the new immersion heaters.

6. Inco alloys and stainless steels are sold in all mill forms by Alloy Metals Sales Limited. Shown here is a portion of the tube stock carried in the company's warehouse.

7. H. A. Skelton (left), chief metallurgist of the John Inglis Company, compares notes with W. D. Dobbin of A.M.S. on weld test specimens of Inconel lining for pressure vessels which Inglis will fabricate by the A. O. Smith spot weld process for Columbia Cellulose Company Limited. Scenes like this, in the heart of Canadian industry, show the intimate liaison maintained by A.M.S. men between nickel and the people who use it in all the important manufacturing fields.

8. Most dial indicators for oven thermometers used in Canada are made by Westwood Brothers, Toronto. Howard Smith of Alloy Metals Sales (right) is seen with their Mr. Miller conferring on the installation of an Inconel conveyor belt used on this job.

9. Dynamic vice-president and sales man-

ager of Alloy Metal Sales is A. H. Galley, whose boundless vigor and broad knowledge of Canadian industry admirably qualify him for his important post as a leading ambassador of nickel.

10. In the A.M.S. warehouse are maintained large stocks of Inco alloy and stainless steel sheet. Competent handling and shipping of these by Harry Kimble (lower left) and his staff render a great service to industry.

11. Special warehouse equipment such as this 12-ft. Cincinnati shear, to which workmen are about to feed a sheet of gleaming Inconel, clearly stamped with trade-name and specifications, provides valued service to A.M.S. customers.

12. Real assets to A.M.S. on the public relations side are the pretty smile and pleasant telephone personality of Irene Majury, receptionist and "hello girl" at the company's offices on Bay St. No wonder the customers keep coming back.

13. At one of the many industrial exhibitions where Alloy Metal Sales stages displays, John Pinto is seen in this picture discussing with a visitor the merits of corrosion-resistant valves of Ni-Resist and Monel.



Garson Bowling in Full Swing

A wide range of activities keeps the new Garson Employees Club in action every scheduled hour of the day, with the four bowling alleys leading the other facilities in popular appeal. Leagues are in full swing for ladies', men's, and mixed bowling. The men's league is divided into three sections to improve competition. The bowler snapped in action in the above picture is Joe Jones, whose team is undefeated in its section of the men's league.