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New Angle in Smelting

(Story on Page 12)



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IN EVERY WAY — PLAY IT SAFE!

"Every season, fishermen drown, get lost, suffer mishaps and encounter disaster because some safety precaution was overlooked, or because they were unaware of or neglected one or more of angling's prime rules for safe fishing," the Ontario Department of Lands and Forests reminds anglers.

"In every way, play it safe!" is the warning which prefaces a list of fishing safety "musts" listed in the 1959 "Summary of the Ontario Fishing Regulations" issued by the department. Here they are:

Land fish carefully! Keep a landing net handy — and use it. Otherwise your hand may slip on the slimy fish and run foul of a triple-barb hook, with painful results, far from a doctor. Use a heavy glove and long-nose pliers when removing hooks from "muskie" and other such fish.

Cast clear of other anglers! Learn the overhead bait-cast. It's accurate, effortless, safe! Casting bait by the "side-winder" method is for when you're alone!

It's dangerous, of course, to fly-cast directly overhead — a puff of wind may blow the hooked fly in your face. Most fly casters use a "three-quarters" cast — keeps the line to one side a bit, though, so be sure your companions are safe on your other side!

Fish only from a firm footing! To fish from a slippery rock or log is to invite disaster; avoid the loose, slippery kind. Test them out with your feet before you mount them — if they don't "feel good", seek firmer footing. Take your time — and move about slowly!

Wade streams with care! Never chase a running fish unless you know the stream and its bottom beyond peradventure. A hidden log or rock, a hole, soft sand or sudden drop-off, and you're down — and sometimes you won't come up! Just be sure your line has plenty of backing to cope with a trout's rushes, and stand still. No fish is worth an accident.

Boating can be the safest of sports — when owner, operator and passengers make it so. Common sense and courtesy, used at all times, will make every sunset the end of a perfect boating day.

Know your boat and what it will take under all circumstances. Balance your passengers and baggage. Avoid sharp, fast turns. Avoid overloading. Don't skimp on life preservers. When boarding a boat, step into its centre. Avoid changing places except at a dock or along shore.

Sit down in your boat! Sure,

Recent Visitors at Inco Operations in Sudbury District



Photographed with Ralph D. Parker, vice-president in charge of Inco's Canadian operations, are recent visitors to the Company's mines and plants in the Sudbury area. From the left are Jean Dhavernas, member of Inco's nickel information bureau in France; Thomas A. Stone, recently appointed special assistant to the president of Inco; Mr. Parker and R. Mayer, French industrialist. They are shown on departure by aircraft, the twin headframes of Stobie mine in the background.

you can bait-cast or fly-cast much more easily standing up — but you only increase your chances of taking a dive, losing your expensive tackle, and maybe your life!

Even when fishing shallow waters near shore, learn to fish sitting — or kneeling on the bottom if in a canoe — thus keeping your centre of gravity low and your stability high!

In every way, play it safe!

Airlines Converting To Nickel-Cadmium

Capital Airline's Vickers Viscounts were the first commercial airline fleet to switch from conventional lead-acid batteries to Sonotone sintered-plate, nickel cadmium batteries. It was estimated the conversion will result in savings of from \$50,000 to \$60,000 a year on maintenance and replacement costs.

The change-over began last fall after extensive tests indicated that the new battery would outlast by several years the conventional bat-

tery with its limited service life of less than one year.

Widely used by the U.S. Air Force for the past four years, the Sonotone nickel-cadmium battery packs power sufficient to crank all six engines on the B-47 without generator assist. Yet it is substantially lighter and smaller than conventional batteries. It can be fully recharged in 30 minutes.

Each cell of the battery is made up of plates which have a foundation of nickel wire mesh. Sintered to the mesh is a carbonyl nickel powder which forms a porous surface, giving a much larger exposed plate area than would be possible with a flat plate. Nickel oxide is the active material in the positive plate; cadmium hydroxide in the negative. The electrolyte is a 30 per cent-by-weight solution of potassium hydroxide in distilled water.

While its initial cost is greater, the battery's long service life, expected to be several times that of conventional batteries, makes it more economical than lead-acid in the long run. The biggest saving, however, is in maintenance costs.

Sonotone's sintered-plate, nickel-cadmium battery can operate for as much as 1,000 hours without the addition of a drop of water and without requiring service of any kind. The battery it is replacing, on the other hand, requires nightly inspection.

While Capital's Viscounts are the first commercial airliners to convert to the nickel-cadmium battery, other jets now in production will have the battery as original equipment. It has been specified for the Boeing 707, Convair 440, Douglas DC-8, and Fairchild F-27.

Sintered-plate, nickel-cadmium batteries are also gaining general acceptance on cross-country trucking fleets; aboard ships and pleasure boats, and in other applications where reliability and long life are of prime concern.

REMOTE CONTROL

"Does a giraffe get a sore throat if he gets wet feet?" asked a visitor to a zoo.

The attendant finished sweeping up and then leaned on his broom. "Yes," he replied, "but not until a week later."

Banner Season in Prospect for Sudbury Soccer Enthusiasts



The spotlight was on the Olympias when the whistle went for the opening game of the Sudbury soccer season at Queen's Athletic Field. This classy team, champions of Ontario last year, also won the title of the indoor league schedule run off at Sudbury Arena early this spring. Many of them are Inco men, as the following roll call shows: **FRONT ROW**, Hans Zipperer (Copper Cliff), Hans Wehrmann (Creighton), coach, Rudy Hupas (Murray), Horst Hoffman (Copper Cliff), vice-president, Albert Srimm, treasurer, Wilfred Wiemer, secretary, Art Kenny (Copper Cliff), Gunther van der Zyl (Copper Cliff), Kurt Fuerniss (Creighton), trainer; **BACK ROW**, Frank Wendel (Creighton), Kurt Herrmann, captain, Walter Behling, Hans Boehm (Copper Refinery), Fred Wehrmann (Creighton), president, Herman Lochner (Copper Refinery), Kurt Drews (Creighton), Peter Hegenbarth (Creighton), Willy Albrecht (Copper Cliff).



Showing scant respect for their titled opponents, White Eagles edged Olympias 2-1 in the league opener. Heading the ball in this early play is Kurt Herrmann, who last year won the Barlow trophy for sportsmanship and ability, and coming in from the wing to take his pass is Hans Wehrmann, last year's winner of the Hiram Walker award for the most valuable player. Judging by the calibre of play shown to date, they'll have to step to retain their laurels this year.

Traditional exchange of bouquets by the captains of the opposing teams featured the league opening ceremony, in which the group shown on the right took part: Tony Pel, captain of White Eagles, referee Bert Kemp, linesmen Bill Seawright and Perch Grassam, league president Jim Nemis, Sudbury alderman Bill Baby, and Kurt Herrmann, captain of the Olympias.

Five clubs are entered in the race for 1959 honors, Olympias, White Eagles, Italia, Adria, and the new St. Anthony Stars. It was hoped that Caledonias would make the sixth but they were unable to field a team.

With many smart new players in the lineups, and everybody in good shape from the indoor league, Sudbury soccer publicist Bill Gaylor says it looks as if his favorite game is heading into a banner season.



Mining and Technical School Students Study Operations at Copper Refinery



Interested visitors at Inco's Copper Refinery were members of Sudbury Mining and Technical School's grade II class. Here one group watches intently as molten copper is cast in moulds while assistant mechanical superintendent Norman Ripley (left) explains what's going on. The two men bent over the pouring spouts, Raymond Leduc and Gilbert Doucette, "float" the first few inches of copper down into the moulds with ladles to prevent splashing and imperfect casting. The students watching them are Richard Waram, Stan Stadyk, Brian Charbonneau, Louis Bukatowicz, Edward Fila, and Joe Bukatowicz. In the second photograph, tankhouse superintendent Chris Dunkley explains to another group the procedure as copper cakes come off the inspection conveyor. The host operator is Guy Pharand; the students are Bob Gorday, Ray Shelstead, Ralph Miruik, Ralph Tolvinen, and Richard Laframboise.

Charlie's Book Is Off the Press



In the den of his charming home overlooking Sudbury's Ramsay Lake, Charlie Dorian is shown transcribing notes read to him by his wife. For this gifted Inco pensioner a great ordeal has just ended — the long patience — devouring wait between the day an author sends away his manuscript to his publishers, and the day he at last gets back the first copies of his printed book. "The First 75 Years", a headline history of Sudbury is off the press, and will be swiftly bought up by those who have eagerly awaited its appearance. In the following self-interview for Triangle readers, Charles Edward Dorian tells a bit about his book and its background:

When I retired from Inco in June, 1946, at the age of 65, after having had a successful operation in Copper Cliff Hospital for gall bladder and other internal disorders, I meant to spend the rest of my days resting and writing.

Short stories were my favorite form of literature, with an odd

serious article, and during the first couple of months it looked as if my penchant might pay off.

As you know, my work with Inco was collecting data at all the plants for compilation of a property inventory, a tome of some 500 to 600 pages, going as high as 1,200

pages for the Inco-Mond Nickel merged properties in 1929.

That work required concentration and accuracy, which was a splendid training in research for what took place after "resting" for five years. The Sudbury Star in September, 1952 kindly offered to give me part-time work to keep me busy, suggesting a column covering old-timer stories.

It was then that the idea occurred to me to get the archives to "talk", and Pundit Joe became the mouthpiece of those old records. The Star files of published pages went back to 1910, which somehow this Pundit guy thought too recent.

So Ernie Cressey was approached and he gave me the run of the old Sudbury Journal files as far back as that paper's inception, March 5, 1891. A few odd copies of the Mining News came to me as additional fodder, but the Pundit thought the Manitoulin Expressor, the oldest newspaper in the district, might perchance tell something about the early CPR days, which would include Sudbury.

Thus, through the kindness of W. J. Patterson and his charming wife, the Expressor files from May, 1879 to March, 1891 (all in excellent condition, by the way) were placed at my disposal. The stage was thereby set for an historical record which ripened in the Old-Timer column, and at the suggestion of Jim Meakes and others, a permanent record of the salient points indicated the production of a book.

To tell what made Sudbury tick from the time the first settlers arrived on Dominion Day, 1883, with some preliminaries on railroad construction prior to that time, began

to become an obsession, and the book essential. It was first typed out in chronological order, but with some professional advice it was broken down into chapters, with a name index supplementing the chapter index. Pictures which had appeared in the Sudbury Star (some of them in the Old-Timer Column) were kindly loaned by them to enrich the general makeup.

The actual writing and production of the book, "The First 75 Years" has taken almost two years. Nine months of that time was taken up by the publishers, in printing, engraving, binding, and shipping, so that the finished product arrived from London, England, and was cleared by Customs on May 5. Now, orders are being filled by local dealers and myself.

In my youth, spent in Toronto, my schooling earned for me a high school silver medal "for excellency in form I", which appeared to be good enough a beginning on a career of writing. Misfortune, in the shape of illness in the family, caused a diversion of ambition — I had to work at anything I could get to help out the family budget.

From a clothing factory I went to South Africa with the Third Canadian Mounted Rifles in 1902. When that war was ended (without any help from me), the harvest fields of Manitoba, railroad construction in Saskatchewan, and odd jobs across the USA took up my time. It was on September 4, 1906, that I was finally able to get steady employment with the CPR at Chapleau.

Working at various points in northern Ontario for their fuel department, I wound up as chief

clerk to the superintendent in Sudbury (serving Spencer, Smith, and Boucher, in that order). Then, on June 12, 1917, I started with the transportation department of Inco with the late George Sprecher, helping Jack Rogers, as well, in the exploration department, up to the shutdown of 1921. In July, 1922 I resumed work in the accounting department, soon falling into that interesting niche which made me the "inventory man." During my last three years with Inco I handled statistical work imposed by the government on the Company.

I kept in practice during all my spare time and had nearly two hundred pieces of short stories and articles published, some of them in the old top-notch Canadian Magazine.

Perhaps the only columnist in Canada to start that kind of work at age 70, my tally is now over 2,000 continuous columns to date.

Possibly I should mention that I wrote a novel many years ago and soon learned that I did not have the "professional touch" for that branch of literature. But HISTORY! Had I been told that I would produce a work of history, during the days I was fooling around with fiction, I'd have scorned the idea, to say the least.

Yet, there it is, an accomplished fact, which the preface explains is a reference book embracing 23 chapters, one of which tells a great deal about the personnel of the Canadian Copper Company and its successors, the International Nickel Company, a corporation of almost unbelievable magnitude.

While working at Chapleau I met a demure lass, in 1905, who was teaching school there. She was Christina Boyd McPhee, of Pembroke. Recently we observed our golden wedding anniversary, having been married in Pembroke by Rev. W. Knox, of Calvin Presbyterian Church, on April 20, 1909.

Phil Gauvreau

A pumpman at Copper Cliff for 20 years, Phil Gauvreau has retired on early service pension. One of his most prized possessions is a wooden model of no. 5 s.r.l. pump that the boys presented to him on his retirement.

Starting with Mond at Coniston in 1928 he came to the new concentrator at Copper Cliff in 1930 and worked there until 1945. He worked for a time in no. 2 pilot plant, then helped start up the separation building where he remained until his retirement.



Phil and Mrs. Gauvreau

Inco Lady Bowlers Already Getting Set for Next Season



More than 130 bowlers and their guests attended the 21st annual banquet and dance of the Inco ladies bowling league, again held at Legion Memorial Hall and thoroughly enjoyed by all. Top prize in this peppy loop, for which 12 teams have already signed for next season, is the hallowed rose bowl, and the proud winners are shown with it above: Chris Mazza, Mayme Gorday, captain Marg Zinkie, Lili Adanovich, Nellie Kuricki; not present was Shirley Zinkie. The presentation was made to them by the manager of the Inco Club, Vern Tupling.



The Cliff Stewart trophy for the "A" section playoffs was presented by the league president, Val O'Neill, to the above team, Helen Smith, Betty Croteau, captain Lucy Demkiw, Anna May Chirka, Lou Fraser, and Ingrid Dobson.



Presentation of the Sid Sheehan trophy to the "B" section playoff winners was made by Stan Dobson to the group shown above: Mabel Skwarek, Helen Sudac, captain Dot Bouchard, Lili Adanovich, and Aline St. Marseille; not present was Chris Gowan. The league's individual awards were presented by the secretary, Hattie McCrea, to Mayme Gorday and Ingrid Dobson, high average of 291; Vina Funnell, high single of 390, believed to be the biggest score ever bowled in the league; Edith Earl, high triple of 756. Chairman of the very successful banquet was George S. Jarrett.

Phil came to Coniston originally in 1924, locating at Romford where he still lives. He was working for the railroad then but started at Coniston smelter in 1926. He left the following year but returned in 1928. Previously he had worked at Espanola and for the CNR

and had also served in World War I. He was born on a farm near North Bay in 1896.

Lucy Geurtin became Phil's wife in 1917 and they are very proud of their family of 11, plus 19 grandchildren and one great grandchild. Their daughter Aurora's husband

C. Pellizari works at Coniston; and Irene's husband R. Lampman at Frood, where their son Tom also works; Albert is at Copper Cliff and Hector and Leo are at Garson. Oscar, Theresa (Mrs. G. Lebreton) and Patrick are in Sudbury, Anita in Toronto, and Jimmy in Noranda.



A drill fitter at Murray mine, Fred Fredon has his home at Azilda. Here he is with his wife and four fine sons, Gregory, 3, Gary, 8, Fred, 13, and Richard, 18. He has been with Inco for more than 21 years.



A Copper Refinery man for 15 years, Nick Taback lives in Sudbury. Picture shows him with his wife and their three sons, Henry, 5, Frank, 12, and Rene, 6.

Here we have three daughters, for a change from all those boys. Mr. and Mrs. Albert Wilkes (Frood-Stobie mine) with Shirley, 6, Carolyn, 11, and Doreen, 9. They live in Lockerby on the Long Lake road.



Vince Hall, who hails from Nova Scotia, says Levack is the best town he has ever been in. He works on 3200 level at Levack mine. He's shown with his wife, Elaine, 8, Jane, 3 months, Danny, 6, and Kelvin, 4.



Mr. and Mrs. Don Marion (Creighton mine) with Theresa, 10, Yvonne, 17, Mildred, 6, young Donat, 16 months, who arrived on Dec. 23, just in time to make 1957's the best Christmas ever, Bonnie, 14, and Catherine, 18. Don has been an Inco man for 21 years.



Mr. and Mrs. Ken Tuddenham of Sudbury with their sons Larry, 13, and Brian, 16. Ken has been a member of the police department at Copper Cliff for almost three years.



A popular member of the ironworkers' gang at the Nickel Refinery is Lee Martineau, seen here with his wife, son Bob, 12, and daughter Helen, 14. They live in Port Colborne.



Copper Cliff Club Holds Its 43rd Anniversary Dance



A dinner dance celebrating the Copper Cliff Club's 43rd anniversary drew a large turnout of members and their ladies, and the evening proved a most enjoyable one. Wally Johnson's quintet furnished the music for the dance as well as during the excellent buffet banquet.



In this group were John Shaw, Mrs. Harold Borland, Mrs. Norman Kneeshaw, Harold Borland, Mrs. Len Kitchener, the Don Frasers, Len Kitchener, Mrs. Mel Luck, Mrs. John Shaw, and Mrs. George Morrison. Also among the guests were Mr. and Mrs. E. L. Bennett of London, England; Mr. Bennett is legal assistant to the secretary of the Mond Nickel Company, Inco affiliate.

Thomas A. Stone Special Assistant

The appointment of Thomas Archibald Stone as special assistant to the president of Inco was announced May 4 by Henry S. Wingate, president of the Company. Mr. Stone, Canadian Ambassador to the Netherlands from 1952 until the end of last year, has resigned from the Department of External Affairs at Ottawa.

Since entering External Affairs in 1926, and prior to becoming Ambassador to the Netherlands, he had served as Canadian Minister in Washington, Envoy Extraordinary and Minister Plenipotentiary to Sweden, and in other key posts in Ottawa, London and Paris.

In his new association with International Nickel, Mr. Stone will

also serve as special assistant to the president of the Company's United States subsidiary, The International Nickel Company, Inc. He will have his headquarters at that company's office in New York City.

Ralph D. Parker, vice-president in charge of Canadian operations, has announced the following appointments in the Company's Ontario division:

H. J. Mutz has been appointed an assistant general manager, Ontario division, with effect May 1, 1959.

The appointment is also announced of T. M. Gaetz to the position of manager of mines and assistant to the general manager, Ontario division. This appointment was also effective May 1, 1959.

R. H. Waddington, general man-

ager of the Ontario division, announced on April 30 the appointment of G. A. Dick to the position of assistant to the manager, copper refining division.

The appointment was also announced of C. C. Dunkley to the position of superintendent, tank-house departments, copper refining division.

Both of these appointments had effect May 1, 1959.

Aircraft Batteries

Nickel-cadmium storage batteries are used in jet-propelled and turbo-prop aircraft because of their reliable starting power over a wide range of temperatures. Through the use of these batteries, which can be recharged quickly by the aircraft's own generator system, jet engines can be started without depending upon auxiliary power units on the ground.

George Lengyell

George Lengyell started working for Inco at Port Colborne in 1925. He recently retired on service pension from the electric furnaces at Copper Cliff.

Born in Hungary in 1894, he married Elizabeth Fazekas there in 1921. Their daughter Barbara (Mrs. D. MacDonell) is in Ottawa, Betty (Mrs. E. Argyle) is at Sept Isles, Quebec, and their son George works in Sudbury. They have eight grandchildren.



George and Mrs. Lengyell

George came to Canada in 1924 and put in a short time farming out west before heading for Inco's nickel refinery and a steady job. He was transferred to Copper Cliff along with the Orford process. Most of his years were spent working as a tapper, the last few on No. 2 electric furnace.

A keen gardener, his large Whitaker street lot gives him plenty of scope for his hobby. Fishing, especially for pickerel, along with partridge and deer hunting rank high with George as favourite sports.

Content and well, George Lengyell anticipates many pleasant years ahead.

Ben Nunes

Born at Lisbon, Portugal, in 1896, Ben Nunes joined the British Navy during World War I and saw a good deal of the world. Retired now from Frood on an early service pension he enjoys reminiscing about those days.

After discharge from the navy Ben settled in Cardiff, Wales and



worked as an electrician. "I was doing fine until the general strike in 1928," he said, "then everything went bad so I came to Canada."

With a friend at Frood as the beacon Ben went directly there and got a job in the timber yard. He also worked for a time in the electric shop, then moved over to the rockhouse and later worked for many years as a crusherman underground. The last dozen years he spent at the 2800 level tipple.

Ben's wife Elizabeth Smith, whom he married in 1931, died in 1957. They had no children.

Looking after his little apartment in Sudbury, taking his dog for walks, enjoying TV and visiting with old friends adds up to a pleasant life that Ben hopes to enjoy for a long time.



Captain Elmer Looksa receives the Parker shield from R. H. Waddington. Other members of the triumphant Copper Cliff team were (left to right), Joffre Perras, coach, Tom Bubba, Bill Hughes, Lionel Rochon, and Bud Bertrand.



CREIGHTON: K. Fuerniss (captain), W. Duncan, R. Barbeau, H. Kittle, A. McFarlane.



GARSON: G. Pelkola (captain), J. Matte, V. Lumbis, R. Forestell, U. Nasi.



FROOD-STOBIE: F. Southern (captain), F. O'Brien, A. LeBrun, W. Zayack, E. Henry.



IRON ORE PLANT: L. Shore (captain), L. Squires, G. Dagg, R. Moxam, E. Christahan.



LEVACK: E. Poirier (captain), L. Pearson, E. E. Robicheau, G. Ettinger, N. Schatalow.



CONISTON: K. Rafuse (captain), R. Matheson, D. Lang, J. Pollock, F. Kosiw.



MURRAY: L. Visentin (captain), F. Krajnc, R. Kidder, E. Tricco, W. Ginn.



COPPER REFINERY: J. Morrison, R. Butler, C. O'Grady (captain), B. McMorran, J. Bartlett.

Copper Cliff Posts Third Straight Inter-Plant Win

For the third year in succession a team from the Copper Cliff works has won the grand prize for Inco first aid proficiency, the R. D. Parker shield emblematic of inter-plant supremacy.

Captained by Elmer Laakso and coached by Joffre Perras, a carpenter shop quartet gave an impressive display in defeating Creighton in the final match of the 1969 competitions before a keenly interested audience.

The Creighton team had won out over four other mine teams in a semi-final match with the H. J. Muts trophy at stake. In the other semi-final Copper Cliff defeated three other surface plant teams for the D. Finlayson trophy. Individual prizes in the inter-department finals were sports shirts and in the semi-finals nylon sleeping bags. Each man on the winning team of the final received a medal and a \$50 bill.

R. H. Waddington, general manager of the Ontario division, pre-

sented the Parker shield to the jubilant Copper Cliff team. In congratulating both victors and vanquished on the excellent performance he expressed the Company's appreciation to all who assisted in first aid training, which he stressed as of key importance in Inco's broad program for the safety and welfare of its employees.

A total of 150 teams, comprised of 900 men, took part in this year's competitions leading up to the Parker award. Since the trophy was first competed for in 1937, it has been won by Copper Cliff nine times, Frood four, Garson and Copper Refinery three each, Creighton two and Coniston one.

Prepared by safety engineers Tom Crowther and Bert Debney, the problem for the final match posed a real test of wits and wisdom for the two competing teams. The scene was at a hunting and fishing lodge where the group was supposedly spending a week. The

(Continued on Page 16)



A balcony view of the Copper Cliff team in action, closely checked by Dr. Bruce Wilson and Dr. Jack Stanyon.



A section of the audience that followed every move in the competition with lively interest and warmly applauded the two competing teams.



Creighton's Barbeau and Fuerniss prepare a report for the doctor while Duncan and Kittle attend a patient.



Assisted by the lodge proprietor, Leo Frappier, the Copper Cliff team carefully lowers a patient to a stretcher.

Model of Attractive Thompson Townsite Displayed at Inco Meeting



A model of the townsite of Thompson, showing how full advantage has been taken of the natural setting along the banks of the Burntwood River, was displayed at Inco's annual meeting in Toronto. Three distinct residential areas as well as an industrial area have been planned around the central business section of this new Manitoba town, already well on the way to becoming one of the most modern and attractive communities in Canada. The railroad siding and station are located to the east of the town and are connected by a road which leads directly into the business area. Plans of Thompson have been completed on the basis of a population of 8,000 people. To date, 120 houses are occupied. The great new Inco nickel project is two miles from the town. Surrounding the townsite model in the display at Inco's meeting were photographs showing the development of the community and the plant, many of which have appeared in the Triangle.

Hobby Develops into Flourishing Part-Time Fishing Lure Factory

Producing fishing lures is the interesting, pleasant and profitable hobby of two Copper Cliff smeltermen, Gordon Drysdale and Nick Christiansen. Starting two years ago they are more than happy with the results of their enterprise.

"We don't care if we make a lot of money," Gord explained, "nor do we intend spending all our leisure hours working. This is just right, the work is pleasant, we both like it and it gives us time and opportunity to get around to many tourist camps in the district."

Keen fishermen themselves, the boys are able to put their own lures to the test and get first-hand reactions from other fishermen also.

Their tackle company was picked up by them two years ago.

The patent on their particular shape of lure, called a Kiki, is still held by the former owner and the boys have their blanks cut on his machine. Blanks are cut from sheets of copper or monel metal, Gord said, both metals being at home in water. When buffed up they are gleamingly attractive, especially to fish!

Lures are tailored not only to please fish but also to please fishermen, the boys told the Triangle.

so some 27 different sizes of this one shape of lure are produced. They run from the small one-inch

spinner for bass to the four-inch lure used to tempt the great muskellunge, and in colour from polished metal to painted combinations, rivalling the rainbow.

"Fishermen are funny," Nick said, "Some are very colour conscious, so we custom-make any colour the customer orders. One

American wanted a special orange and black job that required a lot of sampling before just the right shade of orange was produced." As fishermen, though, the boys admit that certain lures do seem more successful in some lakes than others.

Talking to outfitters, camp operators and fishermen they are able to design their lures for maximum effectiveness in different areas. One of their lures caught the district's largest pike last year, over 25 pounds, Gord said, and two years ago the largest bass, 5 pounds 14 ounces, was hooked on one of their copper spinners.

In producing their lures the boys work in their home basements. The rough blanks first get a buffing and edging treatment to smooth off the rough spots and bring out their lustre. Some blanks are sent away for chrome or silver plating but this is the Cadillac type lure for which there is little demand.

All painting is done with a spray gun using a high gloss enamel, and as a final touch the lures are dipped in lacquer. Gord noted that the trend appears to be away from painted lures and to the highly polished jobs.

After polishing or painting, rings, swivels and hooks are installed and the lure packaged for distribution. The boys are their own salesmen, middlemen and delivery men, with local sporting goods stores and



Two Inco smeltermen, Nick Christiansen and Gord Drysdale, are shown at their pleasant and profitable hobby of manufacturing fishing lures. They have built up quite a flourishing trade with sporting goods stores and tourist outfitters. One of the nicest features of the business, they both admit, is going out to demonstrate their wares.

Frood Wins Inter-Plant Bowling



For the second year in succession, and the seventh time since the competition was started, Frood bowlers won the Inco inter-plant bowling championship at the Inco Club May 6. They had a final margin of 288 pins over the runners-up, Copper Cliff, in the six-team contest. Pictured above are the champs, left to right, Fred Floretto, Sven Rautio, Jim Boyle, T. Saloun, Eric Dunn.



Led by Jim Tosto, whose 1281 was the best individual tally of the evening, Copper Refinery came third with 5557 pins. They're shown here, Charlie Trigg, Fern Harrison, Jim Tosto, Gerry Sauve, Len Anderson.

Got His Start at Mond in England

One of the youngest looking 65-year-olds in many a long day retired recently from the Copper Refinery on service pension. Bob Mornan, supervisor of the precious metals room almost since its beginning, worked his last shift the day that Spring officially arrived.

Bob had the distinction of being one of the few Canadian Inco employees who started with the Mond Nickel Co. in England. It was in 1919, after he was discharged from the army, that Bob got a job with Mond at their pilot plant in London. In 1931 after the merger he was transferred to Canada to serve as Inco's representative at the Ontario Refining Company plant, which did not become a full member of the Inco family until 1935.

Born the son of a Baptist minister at Jamaica in 1894, Bob came to Montreal when he was 15 years old. For a time he continued his

tourist outfitters their best customers.

Nick has been with Inco since 1951, and works on the flash furnaces at Copper Cliff. He is married with two grown children and lives in Lockerby. Gordon came from the west and started with Inco back in 1937. He also lives in Lockerby and has seven children ranging from four to 21 years. He is a furnaceman on the roasters at Copper Cliff.

schooling, then got a job with a manufacturing jeweller working with gold and silver in the plating room. In 1912, having studied chemistry in night school, he got a job in the laboratory at Canada Steel Foundry. He joined the custom laboratory of Milton-Harvey in 1913, remaining there until the outbreak of war.

Joining up with the Royal Montreal Regiment Bob saw plenty of action in France. A bullet wound he received at Ypres still gives him trouble, but he nevertheless admits it was one of the best things that ever happened to him because he met and married Martha Mason in 1917 while invalided in England. Their son Bob is a mechanical foreman at Levack, one daughter Cecelia is married to Bill McAlpine of Creighton, and their other daughter Ruby is Mrs. L. Bellamy of Sudbury. Eight grandchildren share the affections of doting grandparents.

A charter member of the Sudbury



The Bob Mornans



In second place was the Copper Cliff lineup of Frank Chirka, Roger Sabourin, Roland Seguin, Albert Amos, and John Krystia. Their total was 5691 against Frood's 5839.



Fourth was the Garson lineup of (from the right) Cecil Ace, Johnny Cicone, Tom Rollins, Joe Cull and Harry Lynda. Their total was 5437.



In fifth spot, with 5222, came Creighton: Dunc Risk, Milt Bruce, Huriy Hreljac, Pete Dumencu, and Bob Seawright.



Welcomed into the competition for the first time was the Coniston team, which finished sixth with 5217: (from the right) Leno Caverson, Gino Baldisera, Russ Doucette, Tony Zanotto, and Keith Boyd.

YMCA, Bob has been an active member of its executive for many years. Another favorite hobby is gardening and his McLeod Road home gives him ample opportunity to indulge in this.

Bob and Mrs. Mornan are planning a trip to England this summer and later intend spending some time in Jamaica later. In good health and with a keen interest in family, friends and community, Bob Mornan is definitely headed for an enjoyable retirement.

Anti-Smog Mufflers

One of the causes of "smog" in California is being eliminated through the use of afterburner-type mufflers on trucks and buses. These mufflers, which are fabricat-

ed from nickel-containing stainless steel in order to resist oxidation and corrosion at elevated operating temperatures, have proved to be over 95 per cent effective in removing "smog"-producing hydrocarbons from engine exhausts.

MARRIAGE TIE

The smart young man wanted a job as a newspaper reporter. After the interview, the editor told him he would be hired if he could write a good headline for the following situation: A young couple got a preacher out of bed at 3 a.m. and asked him to marry them. "How would you title that?" asked the editor. "Oh, that's easy," replied the youth, "I would just head it, 'Parson Ties Knot in His Shirt-tail.'"

Garson Mine Athletic Association Fetes Its Minor Hockey Teams



Garson Mine's athletic association, which operates the town's skating rink, gave a banquet in honor of the six minor hockey teams it sponsored last winter. About 70 boys were present. Special speaker was George Armstrong, captain of the Toronto Maple Leafs, a Garson boy. Ben Scagnetti presented the Empire Motors trophy to Garrett Cull, captain of the championship team, and crests to the players. The Catholic Women's League were complimented on the fine dinner they served by Rev. Austin Huston. Among those at the head table, in the above picture, were Mrs. George Armstrong and her husband, Mrs. Tom Scanlon and her husband, president of the athletic association; Rev. Huston, David Lennie, the association vice-president, and Bruce King, chairman of the rink and minor hockey committee. The boys in the foreground, facing the camera, are Eddie Joly, Ricky Kolari, Chicky Bontinen; backs to camera are Sonny McDonald, Junior Laking, and Harvey Quackenbush.

Natural Gas Arrival Symbolized by Picture

The arrival of natural gas at Inco's reduction works at Copper Cliff is symbolized by the cover picture of this issue of the Triangle.

The main gas line entering the plant, turning sharply to the left and marching across the upper yard on its long stilts, is silhouetted against the sky with one of the three great stacks. "New angle in smelting," proclaims the title.



MISSING NOTHING

His sister is busy with the popcorn, but he has eyes for nothing but the centre ring at the Shriner Circus, held again this year at Sudbury Arena in aid of crippled children.

In his address to Inco shareholders last month, the chairman of the Company, Dr. John F. Thompson announced that natural gas would be substituted for oil as fuel in a number of the metal-

urgical operations at Copper Cliff. It was first used in the multi-hearth concentrate roasters in the smelter.

"Long-term studies of the potential use of natural gas in these

operations," Dr. Thompson said, resulted in arrangements making provision for delivery to us of up to 10,000,000 cubic feet per day of this fuel now made available by the recently completed pipeline from western Canada."

Pruning Shrubs

You will have more shapely shrubs by practising the following pruning tips:

To offset loss of roots at planting time, cut newly transplanted shrubs back severely. Spare the shears—spoil the shrub!

To prune older shrubs, cut out any dead or damaged branches and remove 2 or 3 old branches at ground level. Don't just snip off the tops!

Prune spring flowering shrubs such as lilacs and climbing roses as soon as they finish blooming.

Late flowering shrubs should be pruned in late winter or early spring and this group includes honeysuckle, hydrangea, barberry, mock orange and privet.



"HELLO GIRLS" ABROAD

Misses Joe and Ethel Walmaley, respectively switchboard operator and receptionist at Copper Cliff, are on a holiday trip to England with their sister Gert.

Some Merrymakers at Frood Bowling League's Shindig



Always one of the best parties of the year in the Nickel Belt is the annual shindig staged by the Frood bowling league to bring the season to a close with due eclat. Above is shown a section of the happy crowd at dinner in Legion Memorial Hall. After the presentation of prizes there was dancing. Due to the abbreviated schedule necessary this year the kitty was a little on the low side, but the Frood athletic association stepped up with a timely donation so that the banquet could be staged in traditionally fine style.

Best of 13 Teams in Cub First Aid



First Copper Cliff B Pack's team beat 12 other Cub packs from the area bordered by Capreol and Burwash, in the 124th annual district first aid competition. Four of the champs are shown here, Michael Silver, Randy Lawson, David Rumney and Michael Armstrong (captain); fifth member of the team was Bill Conley. Behind them are Cubmasters Martin Lemke and John Shaw.

Steve Nykileczyk

Retired recently on disability pension Steve Nykileczyk had worked at Frood since 1929. Last fall, when his heart started misbehaving, Steve took his doctor's advice and decided to give it a good long rest.



Mr. and Mrs. Nykileczyk.

Born on a farm in the Ukraine in 1901 Steve landed at Quebec in 1927. He headed for Blind River, worked there a year then came to Sudbury and helped Fraser-Brace build the new Inco. In 1929 he signed on at Frood mine, working

in the stopes until 1933 when he was required to take a lighter assignment on account of an injury. For the past several years he was a dryman at No. 3 shaft.

The same year he started at Frood, Steve married Irene Olynyk in Sudbury. They have one son Nick, who is employed in the art department at CKSO-TV. Their little grandson gets plenty of attention and all Steve asks is for three or four more like him.

Taking life easy, reading, and doing odd jobs around his home help keep Steve occupied. He misses Frood though, and his many old friends out there.

Manly Bennett

A shift boss in the reverberatory furnace department at Copper Cliff for the past 10 years, and an Inco employee for over 25 years, Manly Bennett has retired on disability pension. He first came to Inco in 1928, working on the old blast furnaces, but quit in 1930 to return to the farm. He returned to the smelter in 1933 and stayed.

Born on a farm near Pembroke in 1905 he worked there until com-

They Led Parade in Copper Cliff League



Inco pensioner Harry Cole holds the trophy won by his team along with the championship of the Copper Cliff bowling league at the Inco Club. Others in the picture are Roger Sabourin, who had the league high average with 248, Ralph Regimbal, O'Reilly Gallagher, Luis Smilanich, and Charlie Bronson, who rolled the best single game, a 376.



Shown during a tour of inspection at Frood mine are R. H. Waddington, general manager; T. M. Gaetz, manager of mines and assistant to the general manager; S. J. Sheehan, superintendent of Frood-Stobie mine. The picture was made at the tipple on 1000 level.

ing to Inco in 1928. One thing he is proud of is the fact that all during the depression he was never out of work.

To Manly 1928 was indeed a special year for it was then that he married Mildred O'Brien (her brother Bill is shift boss on the converters at Copper Cliff). Their family include Dorothy, whose husband Bill Tkachuk works at the smelter, Gordon of Creighton mine office, Delta (Mrs. J. Davie) of Sudbury, and Susan at home. They are very proud of their three grandchildren.

With a home lately purchased in Gatchell requiring some renovating, and the garden in need of attention, Manly has been quite busy. He still misses the boys from the plant though, he admits. Later he expects to pay more frequent visits to friends and relatives "down home."

CORRECTION

The April 1959 issue of the Triangle was number 1 of volume 19, not number 9 of volume 18 as indicated by the folio.

Newest Instrument Has Extreme Accuracy



An instrument with wide range and sensitivity is the spectrophotometer recently installed in the control laboratory at Copper Cliff. It is used to measure with extreme accuracy the amount of nickel, copper, cobalt and other elements in a sample, even when the quantity is as small as 1 part in 100,000. As Dave Johnston, the chemist shown, explains it, "The machine depends for its operation on the fact that many elements when in solution absorb light of a specific wave length in proportion to the amount of the element present. So this instrument supplies the light in the required wave length and then measures very precisely the amount of light absorbed."

Frood Bowling League Completes 21st Year of Operation at the Inco Club

Some of the Originals Still Going Strong

Completing its 21st year of operation, the Inco Club's Frood bowling league held its annual dinner and presentation of prizes at Leeson Memorial Hall, ran down the curtain in typically fine style on an abbreviated but none the less keenly enjoyed season.

Eldred Dickie kept things moving smoothly as chairman. He conveyed the league's appreciation to those who assisted in the success of the season, despite the shortened schedules, and introduced the winners of the various team trophies and individual prizes. Along with Albert Stone, Erie Dunn, Sven Rautio, and Wally Morrison, he accepted the presentation by Norman Creet of a substantial gift from the Frood-Stobie athletic association toward the banquet expenses.

It was particularly fitting that one of the original members of the league 21 years ago, Erie Dunn, was the captain of the team winning the S. J. Sheehan trophy for the 1959 league championship. In the first of the accompanying pictures the victors are shown, left to right, Gerry Mulligan, George Robinson, trophy donor Sid Sheehan, Erie Dunn, and Eddie Turcotte; not present for the ceremonies were Steve Yudkovich and Harold Basso.

Winners of the league playoff championship, who received the C. H. Stewart trophy, also had on their roster two bowlers who were among the high scorers of that initial season at the Inco Club in 1938, in the persons of Spike Boal and Lou Midgley. This team is seen in the second picture on the right: Ed Belfrey, Spike Boal, Steve Valic, trophy donor Cliff Stewart, team captain Johnnie Kruk, Ed Moore, John Taylor, and Lou Midgley.

Individual trophies for the season's best individual scores were presented by J. A. Pigott, and the third picture on this page shows the winners. Kneeling in front are the individual stars of no. 3 group: Steve Panasky, high average of 196 for 46 lines; George Tomac, high triple of 759; Zinny Wowk, high single of 340. On the left in the back row are the hottest performers in no. 1 group: Sven Rautio, high triple of 940, Danny McCusig, high single of 415, and Erie Dunn, high average of 241 for 51 lines; next is Jack Pigott, followed by the two stars of no. 2 group, Tommy Hickey, who clicked for high average of 215 for 48 lines and also high triple of 813, and Lou Midgley, who had the high single of 344.

The dinner and presentations concluded, the large gathering of bowlers and their ladies then enjoyed a dance.

PRACTICAL

"During all these years," the old lady was asked on her golden wedding anniversary, "have you ever thought of divorce?"

"No," she replied, "only murder."



Winners of the S. J. Sheehan trophy with Sid Sheehan.



Winners of the C. H. Stewart trophy with Cliff Stewart.



Individual trophy winners with Jack Pigott.

Friendly Levack's Curling Club Puts Final Touch to Successful Season



The friendly community spirit for which Levack is noted was much in evidence at the annual curling club party winding up another successful season. In the presentation of trophies and prizes T. M. Gaetz is shown above turning over the H. J. Muts trophy to Bob Diebel (skip), Ron Lake, and George Secker; the other man in their lineup was Ernie Mallette. On the right Joe McDonald, president of the Hardy Curling Club, presents the Plaskoski trophy to the British Consols event winners, Johnny McCreedy (skip), Al Hutchinson, Frank McAteer, and Al Ryter.



Almost hidden by the Rehmae trophy is skip Bob Ludgate, sitting beside Jim Hatch; Alex Godfrey, who presented the trophy, stands with Bob Mornan and Bill McDonagh. On the right Sam Rothschild presents the Fera trophy to Wally Kellett (skip), Mel Corkal, Hank Bagnell, and Joe Ranger.



Here Dr. H. F. Mowat (second from the left) has presented his trophy to skip Alex Didur and John Rickaby, Ray Abrams, and Bud Rodd. In the other picture Frank Palumbo presents the President's trophy to Roy Bue (skip), Terry Hamilton and Bill McDonagh; not present was Wilf Hart.



Sid Stephens is shown presenting the Cochrane Dunlop trophy to skip Wally Kellett, Alex Didur, Charlie Gray, and (not present) Jim Hartling. In the centre Dr. Mowat extends a special greeting to the oldest Levack curler, Toivo Kauppinen; on the left is the master of ceremonies, Ken MacLeod. On the right are the winners of the Levack mixed 'spiel, Orm (skip) and Lil Purvis, and Barbara and Andy Lennie.

Copper Cliff Posts

(Continued from Page 9)

lodge was about three miles from town and transportation was by a station wagon.

One of the holidayers had gone out to look for a deer runway and the proprietor had gone to town to pick up supplies.

A scream was heard and on investigation one of the party was found to have fallen some distance from a rocky ledge. A telephone and first aid supplies were available in the lodge and it was up to the teams to administer first aid until a doctor arrived.

A lone hunter in the area fell and shot himself in the thigh, and the teams had a second patient to treat.

Realizing that they were short of medical supplies, one of the men headed for the lodge to contact a doctor for more. On the way to the scene, the doctor's car crashed into a tree and he was thrown clear by the impact. He suffered a fractured right arm and leg and a fracture in the lower right side of his jaw.

Then the teams had three patients to handle.

Dr. Bruce Wilson and Dr. Jack Stanjon of the Inco medical staff, who were judges of the competition, said they thought the test was handled very efficiently by both teams, although Copper Cliff was smoother and more thorough.

Chairman of the program was Bert Debnay, in the absence of Tom Crowther who at the time was a "for real" patient in Copper Cliff hospital. Bert was assisted in masterminding the event by Gordon Andrews and Lou Legault. Judges of the oral tests were Tony Basso and Ray Bouchard. "Patients" were Paul McNeil, Dickie Perras, and Roy Burlinquette. Makeup men were Jackie Phillips and Gerry Guenette, and time-keeper was Mike Mulloy. The proprietor of the hunting lodge, who drew some laughs with his antics, was Leo Frappier.

Frank Repasi

After almost 30 Inco years Frank Repasi has retired on service pension. He has worked at Copper Cliff since 1935, first in the Orford building and later on the converters as a puncher. Previous to

that he had worked at the Nickel Refinery in Port Colborne for several years — in fact as Frank puts it, "I work for Company all the time I be in Canada."

In 1921 he married Elizabeth Tomascko who is still in Hungary with their son John. Another son Steve is in Sudbury. They have five grandchildren.

Frank has never been back to Hungary and is hesitant about making the move now. He lives quietly with his son in Sudbury, helps amuse his two grandchildren and generally takes life easy.



Gail Latreille Was School's May Queen

Gail Latreille, attractive grade 13A miss, was chosen May Queen of the annual May Ball at Copper Cliff High School. She's shown above with her escort, Arthur Wilkie, president of the students' council.

The school auditorium was elaborately decorated for the gala social event, transformed into a southern plantation complete with old colonial mansion. Cabaret tables were placed along the walls of the garden. Photographed (right) in the rose arbour which centred the delightful scene were Diane Heale and Monty Duff, and



Marilyn Allen and Don Metcalfe. Morasutti's orchestra played for the dancing.

Snappy service to the cabaret tables was maintained by a corps of waiters shown in the picture below as they hover around the

punch bowl looking for a sample: John Zurbrigg, George Sleaver, Derek Wilkinson, Donald Stemp, Bill Locke, Junior Montesi, Percy Morrison, Bob O'Riordan, and John Zinkie; the pretty servers are Carol Crossgrove and Betty Buffitt.



George Barbe

George Barbe's first association with the nickel industry was way back in 1913 when he worked at Crean Hill. That was his first job after leaving the farm at Warren where he had been raised. In 1916 he joined up with the Royal Canadian Engineers and after discharge took up farming again. He came to Coniston in 1937 after the depression had knocked the bottom out of farming. After working as a blaster for many years a bad back slowed him down so he spent the last several years as a dryman.

In 1919 he married Juliette Fournier and they are proud of their family's Inco associations. Germaine's husband George Halverston

works at Coniston as does their son Ernest. Rene is at Copper Cliff as are Gergette's and Claire's husbands, Fred Lalonde and Ken Conlon. The twins, Alpine and Alice, are Mrs. G. Lecoupe and



The George Barbes

Mrs. J. Souhere of Sudbury and North Bay. Another son John is an engineer in Arizona. They have 24 grandchildren.

Having lived many years in old Coniston the Barbes intend staying on there, since most of their family are nearby. George has some alterations to the house underway and his fine garden will probably produce even more now. Last year they grew a winter's supply of spuds plus many other choice vegetables.

For a change, should one be needed, the welcome sign is always out at a friend's camp at the French River so George has just about everything he could wish for. That he is enjoying it is evident to all.