

Coniston's Comeback is Feature of Parker Contest

When Coniston's six-year supremacy in INCO inter-plant First Aid competition was broken last year by the Copper Cliff smelter team, the boys from Bill Warwick's bailliwick went back, home muttering very determined things about "next year."

"Next year" came around Monday evening, March 28, and the Coniston splint-and-bandage brigade made good their promise when they recovered their championship laurels in the biggest and most hotly-contested competition held yet.

FINE SHOWING BY ORCO

Sharing the spotlight with the victorious Conistonians were Joe Bischoff's lads from ORCO, who picked off the F. Benard inter-dept. trophy at their plant and then moved coolly on to their first attempt at inter-plant supremacy. "Watch out for ORCO" had been a rumour prevailing in Parker Shield controversy at the different plants long before the event, and it was no idle rumour, either. Standing up stoutly under the strain of championship competition, in which experience is counted a vital factor, the ORCO team finished a strong second, nosing out by two points the defending champions, Copper Cliff, and serving notice as a real threat for 1939.

Seven teams lined up for the 1938 R. D. Parker Shield test: ORCO, Copper Cliff, Coniston, Levack, Creighton, Froot, and Garson. General Safety Engineer George S. Jarrett introduced as judge of the contest C. G. Miller, First Aid Instructor for the Canadian Pacific Railway, in charge of the territory between Halifax and Fort William. There was a large audience for what many regard as one of the most interesting and educational events on the year's calendar.

TWO-MINUTE HUDDLE

As usual, each team had two minutes in which to study the problem after being called to the competition floor, and then proceeded to give treatment to the patient, ascertaining various conditions by questioning the judge. Afterward the members of each team received individual oral examinations from INCO doctors in attendance, and the points awarded for the stretcher work plus the points secured in the oral tests gave the team's total score.

"You are on duty at a roadside First Aid station, and notice a man knocked down and run over by a loaded truck. The truck, containing two people, stops and offers to help you. The doctor lives 10 miles away, but there is no ambulance there. The patient, whom you know, lives in a cottage about 50 yards down the hill. The weather is cold and windy. Treat as you think best."

So read the problem, as each team in turn gathered in a huddle, scanned it eagerly, and then briefly mapped out its plan of campaign. Quick thinking, hand-in-glove co-operation, and a sound working knowledge of

anatomy and First Aid would decide the issue. Here is what they were supposed to discover, and what they were supposed to do about it, according to the judge's score-sheet:

FOREARM WOUND

Promptly approach the patient, but do not alter his position. Check up on the danger from passing traffic. Patient replies feebly. Encourage him and warn him against moving. Enquire if there is any visible bleeding, and discover lacerated wound in left forearm; blood dark red, steady flow. No sign of fracture. Apply ligature below wound, and elevate arm. Pulse is weak; breathing is labored and quick. No blood from ears, nose, mouth, or back of throat.

Eyes normal. Skin cold and clammy. No injury to upper limbs, chest, or back, but much swelling in the pelvis. No injury to thighs, legs, or feet. Patient unable to move lower limbs without considerable pain. Patient throwing his arms about and calling for air.

ARM TREATMENT

Send truck for doctor, keeping extra passenger on hand to help. Explain to driver to bring doctor to cottage.

Find wound in arm. Remove armband. Ap-

ply iodine to fingers. Remove visible foreign bodies from the wound. Apply iodine to wound and surrounding parts. Apply gauze, pad, and bandage. Release indirect pressure. See if bleeding is under control. Apply large arm sling.

PELVIS TREATMENT

Undo tight clothing. Lay patient in most comfortable position. Flex or straighten his legs as he desires. Have his head low and turned to one side. Cover patient and protect him from wind. Empty his hip and side pockets and take charge of the contents. Apply broad bandages around his hips, knees, ankles. Obtain cold water and blankets from cottage or dressing station. Sprinkle his face with cold water. Apply smelling salts to nostrils. Ask for ice, but none available. Judge announces that patient is now totally unconscious. Carefully raise legs and bandage limbs from extremities. Ask if poles are available. Yes. Pass broad bandages under neck, shoulders, loins, hips, and knees. Use cold water dressings on region of injury. Tie bandages to poles which have been laid on either side of patient.

Prepare and test stretcher, then place foot of stretcher at head of patient. Two bearers on either side of patient. Grasp poles firmly, hands on knots. Lift patient carefully. Get bystander to place stretcher under patient. Lower patient to stretcher. Lift stretcher and adjust slings, head low. Transport patient to cottage, head first. Send bearer ahead to prepare bed.

OTHERS MISSED THESE

ORCO was the only team to pick up the

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Coniston's crack First Aid team in action the night they won the 1938 Parker Shield contest at Memorial Community Hall. On the right Captain W. McKee confers with O. Lapore, while on the left R. Moorehead checks over the "patient" and E. Albert prepares a blanket. C. G. Miller, judge of the contest, stands at the side with his scoring pad.

'Little N.H.L.' Snappy League

Creighton: The winter of '38 saw ushered into Creighton the "Little N.H.L." of the Nickel Belt with a five-team circuit in operation. When B. F. Crandall, Mine Superintendent, dropped the first puck before a crowd of 300 hockey fans, it was the spark that fired the minds of over 50 kid players. With radio impressions of their heroes of the ice-lanes absorbing their every thought, and garbed in the colors of their favorite teams, a gift from the Welfare, these kids battled through a 40-game schedule which finally saw the Rangers, emulating the feats of their namesakes, rise to the top of the pack.

GOT SENIOR COACHING

A feature of the set-up was the advantage in coaching that a boy wants, needs, but cannot always obtain. Five players from the Creighton Eagles jumped into the swim and imparted to their proteges their hockey knowledge. Danny Vancleif of the leading Rangers proved himself a "Silver Fox" in the handling of his men. As the records showed, however, Charlie Cerre's Black Hawks, Stu Smith's Maroons, Reg Shields' Canadiens and Mickey McGlashen's Maple Leafs, were not far behind. All five teams were in the running until the last week of play. The playoffs found Rangers maintaining their winning pace to cop the championship.

Final Standing of "Little N.H.L."

	P	W	L	T	GF	GA	Pts.
Rangers	8	6	1	1	33	8	13
Black Hawks	8	3	2	3	16	25	9
Maroons	8	3	4	1	12	15	7
Canadiens	8	2	3	3	16	16	7
Maple Leafs	8	1	5	2	11	24	4

Two Ski Meets Build Up Interest

Frood: To build up interest in skiing at Frood, two meets were held during the winter months.

G. Wala and L. Laine sponsored the first meet, on the hills west of Sudbury Golf Club, and supplied prizes with the assistance of some Sudbury merchants. Three events were staged, a cross-country run for Class "A", a cross-country run for Class "B", and an open downhill.

L. Tulkku of Levack took the first event, closely followed by A. Myll and Ernie Impola. The junior run was won by W. Arkiander, with P. Heikkila and I. Olsen second and third. Impola took the downhill, with Myll and Heikkila at his heels.

Frood Welfare sponsored the second meet and donated nine silver cups as prizes. E. Dandy and G. Wala were the efficient committee in charge.

A. Myll, who had the previous Sunday missed winning the Canadian cross-country championship at Ottawa by only one second, copped the honors in the 10-mile cross-country gallop, with Impola and Laine second and third. Myll also took the downhill, although only one-fifth of a second separated him from P. Heikkila. Third was E. Kolan.

Paul Heikkila easily won the slalom, with L. Hamalainen second and Myll third. It was unfortunate that Myll in this event fell on his second run and so severely twisted his knee that he had to be assisted from the course.

This event concluded the official year, but Frood is planning to have a powerful ski club next season. With Copper Cliff, Creighton and Levack all equally interested, an INCO meet might be possible.

Initial Season Proves Success

Creighton: The ski-bug has bitten again and with its usual deadly effect, at Creighton. Inspired by Alex McLean, a real hustler, it was not long before an enthusiastic group sped along the trails. The first outings found about a dozen persons interested. The first official meeting brought 25. A steady increase raised the membership to about 50.

A natural set-up awaited the members at O'Donnell, four miles from Creighton. The school was chosen for a clubhouse. Remodelling quickly followed under the able direction of Billy Sandburg. Soon a weekly hike to O'Donnell was part of the program. The ski grounds are ideal, whether it be for the novice with trembling stride, or for the more



experienced with smooth, graceful finesse. A mid-week outing to various points was the other half of the group activities. A hot supper for the happy, hungry gliders served to soothe the many a tired member whose ups and downs may not have been of the desired kind. The executive and committees chosen were:

President, Charlie Cerre; Vice-Pres., Bob Flewelling; Sec.-Treas., Ed. Milligan; Entertainment Committee, Mrs. L. Ennis, Mrs. Martilla, Mr. Martilla, Norm. Simpson; Club-house committee, Alex McLean, Harry McLean.

Indications point to a much larger membership for next year, along with steady improvements to the grounds and the clubhouse.

Hughes' Trundlers Take League Laurels

Frood: Survey and Time offices joined forces during the winter to operate a highly successful 5-pin bowling loop, with Earl Gilchrist as the leading spirit, S. Osmond as secretary-treasurer, and "Mat" Mathewman as scorer.

Counter-attractions during February forced a reorganization of the teams, which finished out the league as follows:

Earl Gilchrist (captain), C. Lemmon, K. McNeil, J. Bell, G. Elford.

Art Hughes (captain), F. Morissett, H. Hoffer, A. Spy, D. Benny.

H. King (captain), S. Scott, B. Seli, A. Glauser, W. Maund.

S. Osmond (captain), M. Mathewman, H. Ringer, H. Steers, N. Moodie.

The Hughes' aggregation trundled themselves into first place, with King, Osmond, and Gilchrist finishing in the order named.

Thus neutral observers finally got results to judge in at least one field of sport, after listening to the usual winter's high-pressure arguments about "Who can lick who."

Reached Finals Of Shuttle Loop

Port Colborne: Competing with old-established clubs which have had years to develop players and team strategy, INCO's badminton entry in the Niagara District league was conceded little chance in this its first year of organized play. The local birdie-chasers came through with colors flying, however, and lost out in the finals by only one point to the Ridgeway clan.

Interest is now centred on the outcome of the Niagara District championships, in which INCO is certain of at least one victory and has high hopes for two others. The finalists in the men's singles, Bradley and Anderson, are both local players, which makes that title a cinch for Port Colborne. In addition, Frank Bradley and Jean Appleyard, defending their mixed doubles championship, are expected to retain their laurels and keep that honor at home. The men's doubles is another event in which the local club has a strong chance for victory.

Badminton has turned out to be a very popular pastime since the opening of the Recreation Club, and at the present time there are about 50 lady members and 75 men, many of whom are playing their first season. With a total entry of 34, a men's doubles tourney is underway and is bringing out some hot competition. It is now in the second round. Some 32 ladies have also organized a doubles event, in which they are playing the first round.

C.C.E.B.A. Smoker Draws Many Members

Copper Cliff: Some 200 members of the Employees' Benefit Association had a very successful general meeting, entertainment and smoker in the Employees' Club in Sudbury on Monday, April 4th.

After an address from the President, G. Telford, and reports from chairmen of the various committees, G. Adams, H. Anderson, J. Gilpin, Treasurer D. E. Wilson, and Secretary J. W. Lamcraft, the meeting was declared open and various questions of interest to members of the Association were discussed. An enjoyable program followed.

Armstrong's Team Are Levack Champs

Levack: Already famed as a "natural" for ski enthusiasts, Levack this winter made its bid as a hockey centre with a strong seven-team league that provided excellent entertainment. Bill Koski's Aces and Ralph Armstrong's Tigers were the clubs making the finals, with the C. H. Stewart trophy at stake.

Aces took the decision in the opener of a two-game final series, winning 2-1, but Tigers came back strong in the second match to earn a 2-0 shutout and win the round 3-2. Elroy Mohns entered the local hall of fame by scoring both Tiger tallies in the last game. Alex Poutreau and Archie Jacks were Aces' marksmen in the first game and Humeniuk counted for Armstrong's squad.

Lineups were:
Armstrong—Goal, W. Lindhurst; defence, G. Culling, N. Inkster; centre, W. Schattenkirk; wings, S. Walsh; E. Mohns; alternates, Humeniuk, B. Eagle, R. Bentley, W. Williams.

Koski—Goal, P. Foucau; defence, R. Loch, N. Mahon; centre, A. Poutreau; wings, A. Jacks, Vick; alternates, G. Murray, G. Pringle, A. McKay, W. Jones.



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DON'T "DIE ON THIRD"

By W. J. CAMERON
The Ford Motor Company

It was twenty-five years ago, when the Detroit Tigers were playing the team from Cleveland. The score was a tie. It was the last half of the ninth, and two men were out. The fate of the game rested with Moriarty, the white-bloused figure that shuffled back and forth at third base. As the decisive moment approached, Tigers and Naps stood up at their benches, and 18,000 spectators bent forward in tense expectancy. Moriarty was on third.

He had come there in the ordinary way. At bat he had hit the ball and run to first. The next batter had bunted and sacrificed to move Moriarty on to second. Then a "long fly" had advanced him to third. There he stood, alert in every nerve, his powerful running legs, his quick eye and quicker brain holding the hazard of the game.

Much as it meant to have advanced that far, third base runs are not marked up on the scoreboard. Third base is not a destination—it is the last way station on the road "home." The world is full of third bases. To leave school, to earn your college degree, to enter a profession, is only to start toward third base. To get the job you want, even to become the head of your business, is merely to reach third base. Third base is opportunity, and opportunity is not arrival, it is only another point of departure. Attain the White House itself, and you have only got as far as third base. The test of all you have is yet to come. No time for self-applause at third—many a promising run has died there. And there stood Moriarty. If he failed, it was not alone; the team failed with him. Concentrated on him at that moment were the hopes and fears of thousands who seemed to hold their breath, and so still was the great park that even the breeze seemed forgetful to blow.

One way to get off third is to wait for someone to bat for you. Another is to get away on your own initiative—Moriarty chose that. He knew his game. He knew the catcher's signals called for a ball thrown high to Mullin, who was now at bat. He knew that a runner might duck low to touch the home plate while the catcher's mitt was in the air for a high ball. He knew that in throwing high, pitchers "wind up" in a certain way. He knew also that pitchers have a way of "winding up" when they don't intend to throw. He knew, moreover, that this pitcher, being left-handed, could not keep watch on third while delivering the ball—the runner might safely take a longer lead. Moriarty knew all the ins and outs of his job. Luck might lie in the lap of the gods, but preparation, knowledge, judgment and initiative were with the player.

Had Moriarty waited for Mullin to bat, Mullin might have failed him, ending the inning. One opening remained; make "home" between the moment the pitch was begun past all recall, and the moment the ball struck the catcher's mitt—make "home" in the fraction of time Mullin's hit or miss hung in the futurity. That would be a contest in speed between a five-ounce ball deliv-

ered with all the force of a superb pitching arm and the 170-pound body of Moriarty. An unequal contest, for the pitched ball travels only 60 feet while the runner from third must hurl his body over a distance of 90 feet.

Moriarty is on third. He builds his prospective run as an engineer builds a bridge across a torrent, with infinite pains. Now the Cleveland pitcher is poisoning himself for a throw. Moriarty is crouched like a tiger ready to spring—now! There is a white streak across the field! A cloud of dust at the home plate! The umpire stands over it with hands extended, palms down. That old baseball park echoes and re-echoes with a thunderous roar of acclaim, which bursts forth again and again in thrilling electric power. Every eye strains toward the man who is slapping the dust from his white uniform. Moriarty is home!

It was only a run made in the course of a baseball game; but it has been saying to us these many years—don't die on third. You may be put out, but it need not be by your inaction. If the run must die, let it die trying. All of us are on bases. Some of us are waiting for someone to bat us further. Suppose he misses! Mullin missed the ball that day—had Moriarty waited, he would not have scored. It would not be right to say that all the world's a baseball diamond; it does offer us the ever-present choice between indolence and initiative, but life's rules are fairer. In life there's an inner scoreboard where every effort is credited to your record. Many a valiant run is lost, but the valor of it builds the soul. So, while there's one thing yet to do, and there's always one thing yet to do, or a fraction of time to do it in, don't die on third. Study conditions, learn all you can, use all you learn, summon your strength and courage, defy luck—and then, bold player, just by doing this, you have already scored. The run may fail, but you have not, and there's another game tomorrow.

They Always Get Their Man

It may take a month or it may take 20 years but the Treasurer's Department, like the scarlet-coated riders of the plains, nearly always get their man.

James L. Ashley, secretary-treasurer of the Company at New York, could tell many interesting anecdotes of the long and painstaking searches he and his associates have had to carry out before they located the people they were after. Not with warrant and revolver do they conduct their man-hunts, however, but with fountain pen and check book. They'll chase a man for a decade just to pay him 50 cents!

FUGITIVES FROM FINANCE

Company shareholders have a disconcerting habit of changing their addresses without telling anybody where they're going. When the Treasurer's Department sends out the dividend checks, many of them come back through the mails marked "Address Unknown." Perhaps the sum may be only a few cents, but it's the principle of the thing that counts. The Department then commences its task of tracing down these fugitives from finance.

Back in 1918 Augusto Ugguccioni, now a tapper in Copper Cliff smelter, took a trip to Italy and neglected to leave a forwarding address. The other day he received a Company dividend check for \$1.00 which had been mailed to him 20 years ago and returned to New York with the "Address Unknown" stamp on it.

20-YEAR SEARCH

John Deminon left INCO's employ on December 12, 1918, and went only as far as

Larchwood to establish his new home. He was a shareholder, and he, too, overlooked leaving a proper forwarding address. Recently he walked into a Sudbury bank and presented an INCO check for \$3.00. The check was so old that the bank phoned Copper Cliff for confirmation. A quick search through the records revealed that the item and amount were okay. How the Department finally located John would probably take some telling, but they eventually turned the trick.

Still another local instance was that of Frank Bower, who works in the Copper Cliff converter building. He had forgotten for many years the dividend he once failed to receive through lack of a complete address, but not so the Treasurer's Department. Like Indians and elephants, they never forget, and so Frank Bower went to the mail one day last month and received a check for 50 cents!

S. & A. Policies Give Timely Aid

Since the Sickness and Accident insurance plan went into effect at INCO plants, more than 1600 employees have collected claims ranging anywhere from the minimum of \$2.14 for one day to the maximum of \$195 for a 13-week disability stretch.

Many times has sickness or accident struck in a home where family finances are ill-prepared to meet a drastic emergency, and it is then that the group insurance plan is

best revealed as one of the finest institutions in INCO's elaborate setup for the welfare and security of those who work for it.

The employee pays half the premium; the Company pays the other half.

Carl Jordan, machine runner at Frood, thanked his lucky stars for his policy when complications set in after a tonsil operation. He collected the maximum amount on his claim, and it certainly helped to tide him over the long period when his earning power was lost.

Eugene Adamo is back at his job at O.R.C.O. and Triangle's photographer caught him with the big smile which spreads over his genial face every



E. Adamo

time he thinks about his policy. A long sickness bout in the hospital would have left his bank account tottering on weaker legs than were his own when he first got up again, if he hadn't had that insurance check coming in every week.

It was much the same with J. S. Akanen of Copper Cliff, who was laid up for a long time with kidney trouble, and also with Hector Desbois of Levack, who was an unfortunate victim in a car accident on November 23.



A group of the budding speed skaters who took part in Copper Cliff Athletic Association's very successful first annual inter-school carnival at Stanley Stadium. Sudbury High School's team picked off the relay race and the Frank Taylor Shield, but Copper Cliff came through with the highest total score of the meet to win the E. A. Collins shield. Teams entered and their total points: Copper Cliff, 28; Coniston, 20; Creighton, 9; Frood, 2; Levack, 1. Each school had conducted elimination races prior to the meet. Frank Stack of Frood, North American speed-skating champion, donated medals to the three most likely-looking speed-skating prospects, and these were won by: Eleanor Jessup, gold medal; Lloyd Germa, silver medal; John Flynn, bronze medal.

Reid Victor In Road Race

Creighton: It was Newfoundland vs. Alberta in a thrilling road race staged here a couple of weeks ago, and many a paycheck was the slimmer thereby. East bet West a pile of good Northern dollars on the result. West won.

Ralph Hawkins upheld the honor of his native Newfoundland in the canter, and Norm Reid ran for Alberta. The course was a measured mile, starting at the Engineers' Club and twice around the block. Charlie



Cerre was the starter, and Gar Green and Ted Lawrence were timers. By the beard of the prophet they swear the race was run in 4.37.

Norm Reid led his opponent to the finishing line by about a foot. Several loyal supporters were on hand to administer First Aid. Triangle's photo, via Candid Cameron, shows the two embryo Nurmi's pounding along the back stretch.

Levack is Proud Of Broomball Team

Levack: Justifiably proud is this camp of its broomball team, which this winter whacked its way to the championship of a hard-fought Nickel Belt league.

After eliminating Frood and St. Louis in playoff games, Levack took the measure of Ryan Athletic Club 2-1 in the final, after 25 minutes of overtime.

Ryan's opened the scoring two minutes after the opening of the game, and it was not until only five minutes of play were left that Jenkinson whipped home the equalizer for Levack. The long overtime was finally ended when Smokey scored the winning tally on a pass from Hillack.

Choma Retains Wrestling Laurels

Copper Cliff: The Athletic Association's colors were carried high at the annual Ontario Wrestling championships in Toronto April 16. Three local grunt and groan exponents took part, and each acquitted himself admirably.

Nick Choma was crowned champ in his division, while Marty Quinn and Ole Olson both piled up substantial leads in their bouts only to lose out by the "rolling fall" rule which was enforced and to which the lads were not accustomed. Hughie Craig accompanied them to the Queen City.

Executives Enjoy Banquet and Smoker

Frood: A very enjoyable banquet was tendered the Frood Senior Tigers and members of the Executive of the Welfare and Athletic Associations at the Nickel Range Hotel Sunday, April 10th, 1938. F. J. Eager, chairman of the Athletic Association, when called upon by Mr. Wilson, chairman, gave an interesting talk on Welfare and its rela-

tion to the Company, and at the same time expressed his appreciation of the success of the hockey team. J. W. Gemmill and A. F. Brock also gave short addresses. Scattered throughout the impromptu were highlights of entertainment provided by Mr. McGuire and P. Koster at the piano; solos by Mrs. R. H. Towns, Geo. Leach and P. Grassam; Red Geddes and Eldred Dickie, who gave an exhibition of how step dancing should be done.

SOLVE BRAKE PROBLEM

Brake drums on heavy trucks and buses sometimes heat up to 800 degrees F. when brakes are applied at high speeds. On Mack trucks the drums are made of a nickel alloy cast iron with a tensile strength of 48,000 p.s.i. With one drum of this type, 200 stops were made from 80 miles per hour and 16,000 stops from 50 m.p.h. Yet, the actual wear on the drum was only 0.002 of an inch with no scoring.



New trophies, recently added to the silverware collection at Frood, include these. At the right is the handsome inter-level hockey league trophy donated by Superintendent F. J. Eager. The tall cup was put up by the underground foremen for competition among broomball devotees. The smaller cups were given by the Frood Welfare Association for ski meet winners.



ALEX POLLOCK

Forty-seven years a miner, 35 of them as a foreman, and not one accident from falling rock to himself or any man under his charge, is the proud record of Alexander Pollock, well-known Garson shift boss, who has to his credit the longest continuous service of any miner in Sudbury mines. He has been foreman at Garson since the mine opened 32 years ago.

From a Simcoe County farm home, "with the hay seeds still in my hair" came Alex Pollock in 1891 to Sudbury. He was 18, and he wanted to be a miner. Because he knew how to handle horses, they gave him a job at the old Blezard mine, driving a team on surface.

HORSE AND BUGGY DAYS

Those were the days before motorized industry. Many of the small mines worked only in the summertime, hauling the ore out to smelter or railway in wagons. The big mines of today were all in the Ilmbo



of the future, and the producers of those days were the Murray, the Evans, the Stobie, and Copper Cliff mine, the Blezard, and the Worthington.

Alex Pollock got his underground "christening" at the old Cameron Mine, north of the Frood, where he worked for eight or 10 months in 1894, and he has been an underground man ever since. In the following five years he saw service at the Crystal Gold Mine on Lake Wahnapiatae, the Evans Mine, the Dolores Gold Mine in Hastings County, and No. 5 Mine of the Canadian Copper Company at Clarabelle Lake.

In 1900 he was sent to the Frood to sink test holes. At that time the Frood was an unknown quantity; no shaft had been sunk, and no ore removed. He worked at the Frood for six months, and although it was not mining in the usual sense of the word, he can claim to be the first man in the present employ of INCO to be on the job at the famous Frood.

MARRIED IN 1903

That same year he joined up with the Mond Nickel Co., and was with them until they were absorbed by INCO. Until 1906 he worked at the Mond Mine in Dennison Township, and during those six years several rather important things happened to

him: He was married in 1903 to Miss Ellen O'Neil, daughter of the C.P.R. section foreman at Sudbury; he attained the position of foreman; he experienced his narrowest escape from serious injury, or even death. He and an assistant were working alone on a level, placed powder in 17 holes, lit the fuse, and raced for the bucket. In some manner the hoistman got his signals mixed and hoisted the bucket before the two men reached it. Realizing they would almost certainly be killed if the blast went off, the two worked at top speed and managed to pull all the fuses before the flames reached the powder.

When Mond bought Garson Mine in 1906, Alex Pollock was sent there in the same capacity as he had worked at Frood,—blocking out the ore body. "We reported so much more ore than they thought was there," he recalls, "that they wouldn't believe our report and ordered us to make the survey again. From the experience I gained at the Frood I found that there was a dip of 65 degrees in the ore body, and the test shafts had not been properly placed to allow for this dip. However, when the second report went in corroborating the first, they got right down to work on the mine."

GARSON WAS OPEN PIT

First mining at Garson was open pit, the ore being hauled out on sleighs during the winter. It was some time later before the railway went through. Garson is believed to have been the first electrically-operated mine in Ontario.

Long and faithful service behind him, in the course of which he has seen six or seven general managers come and go, Alex Pollock is these days flirting with the idea of retirement. Not, as he stoutly maintains, that he needs it. But who would deny he has earned it.



ARTHUR GLIEBERY

When you're a stoker on a battle cruiser, and your ship has moved into an engagement with guns roaring, and enemy shells are whistling through the air, and you're down below there piling the old fuel into the boilers, it's not the heavy work that gets you. It's not the heat, or the blinding sweat that gets you, or the ear-shattering noise. It's the waiting that gets you—the breathless waiting as you work feverishly. You can't see what's going on. You won't have a split-second's warning of the terrific crash which any minute may blow you into the middle of next week. You just work, and wait.

NO MORE, THANKS!

Arthur Glieberry likes to get out his war medals once in awhile and think about the battles he's been in. But he'd much sooner be safe and snug in his cozy Coniston home remembering them, matey, than going through them again.

When Arthur was 15 he left his London home, where he was born in 1900, and went to Glasgow to a job as a fitter's helper in the shipyards. A year and a half later he was a stoker on H.M.S. Black Prince, a battle-cruiser patrolling the North Sea. On his first day at sea he was up on deck when his ship's guns blew up a mine with a three-pounder that scored a direct hit. He thought

life on the ocean wave was a bit of alright. Later on he changed his mind.

H.M.S. Black Prince was off the coast of Norway when "Sparks" picked up news of the Big Dogger Bank affair. It took them four hours at full speed to reach the scene of action. They followed the destroyers into battle. There were 27 or 28 British ships. Half an hour later, with top turrets, one mast, and the 8-inch guns on the starboard side blasted away by enemy shells, H.M.S. Black Prince and Arthur turned tail for Plymouth.

IN WATER FOUR HOURS

In the Battle of Jutland, Arthur was stoking aboard H.M.S. India. The ship was torpedoed and sank. Arthur floated about the briny in a life preserver for more than four hours, until he was picked up by an auxiliary cruiser, H.M.S. Digby. All but 165 of his 620 mates on the India were missing.

After the war Arthur took a trip to Australia, and then, in 1919, came to Canada to visit some cousins out in Winnipeg. After that he headed for the Nickel Belt and landed a job at the old Murray Mine smelter. When the plant was moved to Coniston in 1923 he joined the shops crew, and has had



his turn in the roundhouse, the machine shop, and the blacksmith shop.

He was married in 1930 to Miss Renellie Lilly, and they have four fine children, the youngest of whom is two and a half years. He used to play football, likes gardening. As did most Coniston fans, he pulled for big Verdell Price all through the hockey season. Lynn Patrick and Gordie Drillon got his vote in the pro leagues, although he hasn't seen them play. On the radio his favorites are Nelson Eddy and Jack Benny.

His war decorations: the 1914-15 Mons Star, the Service Medal, the bronze Medal of Peace.

He's a First Aid enthusiast, and holds his medallion with three labels. He still packs a nifty Cockney accent that would do credit to Red Newman.

**Wilson - Freeman
Table Tennis Sharks**

Port Colborne: Singles and doubles tournaments are the order among table tennis fans, and Chairman Bill Wallis reports the demand for playing time is even greater than anticipated, with two tables in use continuously every day.

Possibly the outstanding match of the tourneys to date was the doubles affair with "Nipper" Wilson and Bill Freeman opposing George Morley and R. Borland. It took three smartly-contested games before "Nipper" and Bill pulled out a win, and the large gallery of spectators gave the performers a big hand.

NICKEL . . . AND ITS USES

NICKEL IN THE SOAP INDUSTRY

An Industry Dedicated to the Virtue of Cleanliness
Calls Upon the Nickel Alloys for Sweet Purity's Sake

No soap—without a kettle to cook it in. Large or small, kettles have been indispensable to soap making ever since the first crude tallow cake took form long ago. **300,000-LB. BATCHES**

As recently as our grandmother's time, soap was home-made, being boiled in old-fashioned iron or copper kettles only large enough to make a quantity sufficient to wash the family cars for a few weeks or, at most, a few months. Today, the modern soapmaker boils his bubbly brew in great nickel-lined kettles, some of which hold as much as a 300,000-pound batch at a time. One such kettle, made of nickel-clad steel and used in a soap factory here in Canada, has a diameter of 12 feet and a depth of about 29 feet. It holds enough soap at one time to scrub the population of a whole city with suds for several Saturday nights to come.

Size of the kettles is perhaps the most striking difference between our ancestors' kettles and the new. The change in the quantity of soap they contain is, however, no more important than is the change in the quality of that soap. Modern soap making is certainly mass production in full swing but more important in many cases is the fact that it is the mass production of an extremely fine quality product.

REAL METAL PROBLEM

It is because of this demand for fine quality that the nickel alloys have been called into the soap industry, for soap making presents a real metal problem. As we have seen in the food, the oil, the chemical and indeed, in so many other industries, in the manufacture of soap also, it is nickel which more and more is being depended upon to guarantee quality. In the soap industry, the salt brines, the fatty acids and the alkalies used in soap making are the corrosive agents that breed contamination in the finished product for, used with equipment of ordinary metals, corrosion products of these chemicals affect the purity, color and keeping qualities of the soap. This is why more and more manufacturers of high-grade soaps are using kettles made of nickel-clad steel, since nickel is so strongly resistant to corrosion by these chemicals.

The soap industry, as it exists today, is a highly complicated business, using a wide variety of specially designed equipment and machinery. It is not for kettles only that the nickel alloys are doing service in the manufacture of this everyday necessity. Many of our best soaps come in contact with nickel alloys in many steps of the process of manufacturing. This is especially true of the colored, perfumed, and medicated toilet soaps and creams—the soaps which must be kind to the skin as well as thoroughly cleansing. Today, all through the whole manufacturing process, we find the nickel alloys standing guard against the rust and corrosion that spoils the finished soap cakes.

ON CONSTANT GUARD

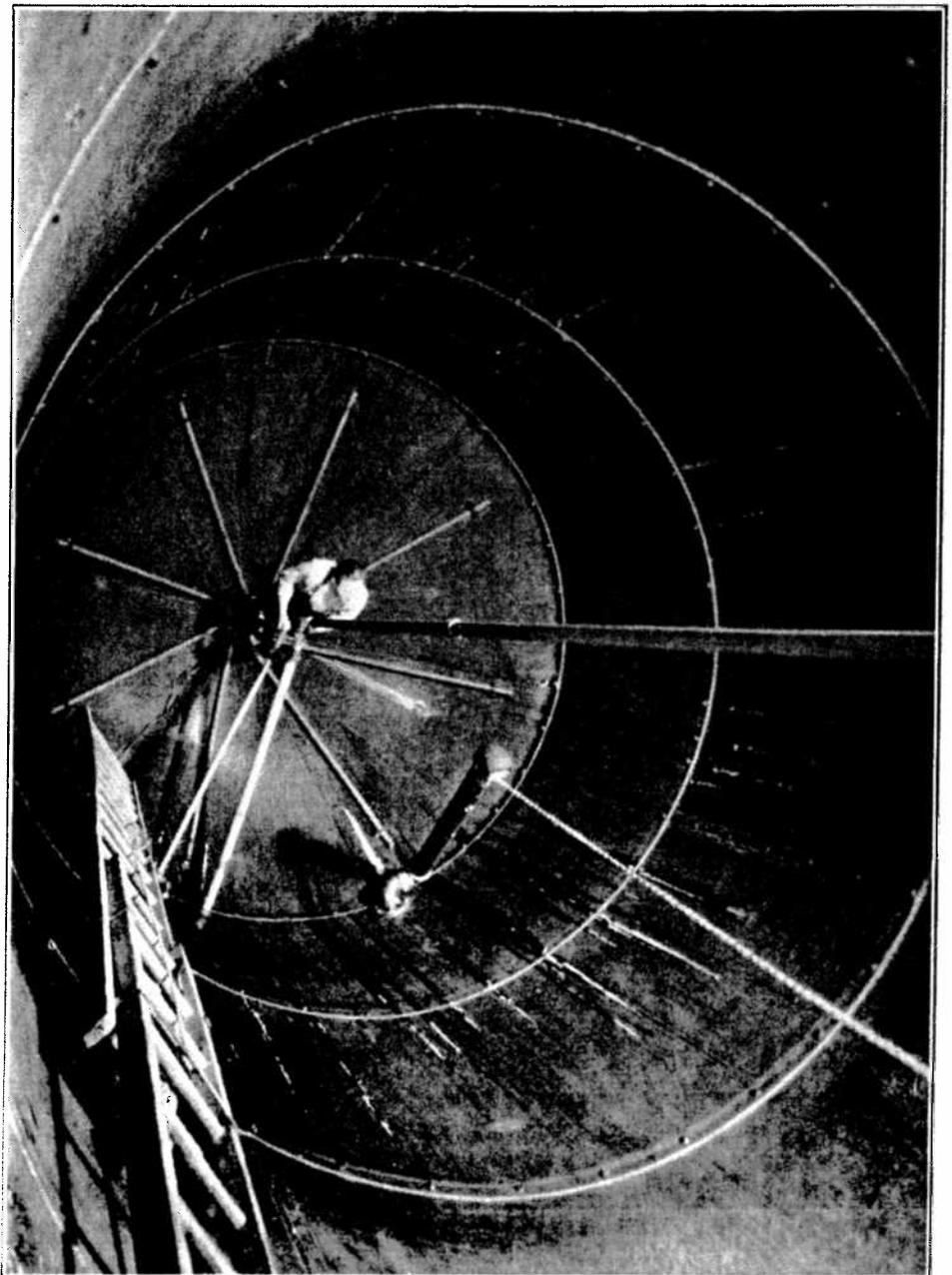
Take a factory such as one of the great Canadian soap plants, for instance. At the beginning of the manufacturing process, it is very probable that the lye (caustic soda) has been concentrated in nickel-clad steel evaporators stored in nickel-clad steel storage tanks, and shipped in nickel-clad tank cars for the manufacturers of this raw material use nickel and nickel alloys exten-

sively throughout their process to assure iron-free caustic. Soap making begins in the boiling room where lye (caustic soda) is mixed with vegetable oils or animal fats—and sometimes both—which have already been through numerous preliminary operations in order to remove impurities. In many plants we find that in the nickel-clad steel boiling kettles, even the pipes, the heating coils, and the other fittings coming in contact with the soap, are made of nickel or Monel. The fact that nickel is available in the form of nickel-clad steel makes pos-

sible the construction of these large tanks with nickel inside surfaces at economical cost.

"UN-PICKLING" PROCESS

After the boiling operation, or "saponification" as it is called, is completed, and while the mixture is still hot, salt or salt brine is added. This causes most of the excess alkali, salt and other such by-products as glycerine, to precipitate at the bottom of the tank in the form of solution known as "pickle." This precipitate solution is withdrawn, after which nothing remains in the kettle except the soap which is then washed with brine in a process called "graining." The contents of the kettles are once more boiled and allowed to settle until the brine again drops to the bottom and is a second time removed. In the boiling room also we see nickel covers being used on the kettles in order to protect the overhead and ceiling structures from damage caused by corrosion from caustic and fatty acid fumes. One of the earliest uses of Monel in soap plants was for pump rods in pumps



In this huge nickel-clad kettle a leading manufacturer brews 300,000 lbs. of pure soap. The employee is probably thinking he would save time and effort by just remaining there for his "Saturday night'er."

handling fatty acids, lye and brine, an application which demonstrates abundantly Monel's qualities of high corrosion resistance coupled with great engineering strength. In some plants Monel is used also for lining the upper sections of old iron or steel boiling kettles.

CAKES OR FLAKES

Following the course of the "settled soap" we see it being converted from a hot liquid into large soap cakes or soap flakes. Fine toilet soaps go through machines called "plodders." These "knead" the soap, forcing it out under pressure through dies. Monel is used in the plodders for hopper and cylinder linings, for screws, screens, forming plates and cutting knives as well as for linings of the nose through which the bar soap is extruded. Again in this way, the material with which soap comes in contact is our corrosion-resistant nickel alloy.

If the soap is to be colored and perfumed, it is sent to machines for blending. These machines, called amalgamators, are often constructed partly or entirely of Monel or nickel-clad steel in order to assure the utmost protection to delicate colors and fine perfumes. Since the equipment can be easily and thoroughly cleaned by mere slushing with water, the changing of color and perfume becomes a simple and practical process.

After the soap comes from the plodder it goes through a cutter machine, the table of which is frequently fabricated of Monel, the cutting sometimes being done with nickel alloy wire, and we now have soap ready for stamping into the soap cakes which we all know so well. The dies which form the shapes of the cakes are made from Monel or other corrosion resistant nickel alloys such as Monel.

IN AT THE FINISH

However, nickel's job is not yet done, for in merely obtaining the finished cake the manufacturer of high-grade soaps cannot cease to observe extreme care in guarding the purity of his product. It must be packaged. Again, as it turns out in so many other industries, the same metals that assured the purity of the product during its manufacture are also used for many parts of the filling and packaging equipment that come in contact with the product. So it is that at the end of the soap making process, as at the beginning, we find the White Metals of Sudbury doing duty in the cause of quality.

Basketball League Uncovers Prospects

Port Colborne: With a total entry of 10 teams, consisting of some 150 players, the Plant basketball league is going great guns, with the playoffs just getting underway. Competing in the finals are eight teams, four from each schedule: 1st schedule, 5-C, Office, 3-A, and 4-A; 2nd schedule: 5-C, Office, 4-B, and 3-A. Winners will be awarded the handsome new shield donated by the Athletic Association.

Several of the younger players have shown great promise as potential replacements for the INCO entry next fall in the Niagara District league. This season's entry failed to make the playoffs but were more outlucked than outplayed, losing several matches by only one or two points.

STILL ON THE JOB

Back in 1929 an important English brewery was equipped with a set of 67 filter plates made with nickel wire and cast nickel center pieces, fitted into Kiefer filters used in filtering beer. These plates have given continuous service ever since and are still going strong. Other materials tried, failed in relatively short order.



Frank Stack (right) receives congratulations from his race-meet pal, Ab Hardy of Leveck, just after he won his third North American speed-skating championship at Minneapolls.

YEARS MAKE HIM SPEEDIER

Frood: Like good wine, Frank Stack seems to improve with age.

The mere fact that he's 32, and most athletes are in retirement or wheel-chairs when they get that old, doesn't seem to bother the flashy Frood speed-skater a bit. Instead of hanging up his skates and groping around for his carpet slippers, Frank is making plans for the biggest attempt of his career.

Next year at New York, if all goes well, he will make his bid for world championship honors in a huge winter sports meet at the Polo Grounds. Odds are, too, he'll turn the trick, providing conditions are right and he has no tough luck in the races.

When Frank returned to Frood this year from his annual six-week tour of the major speed-skating circuit across the border, he had another box of medals and, for the third time, the lovely North American Indoor championship cup to display for his efforts. These he adds to a collection of trophies that would do credit to a gang of international jewelry bandits.

With Frank on his trip was his skating mate of several years, Ab Hardy of Leveck, who also checked in some smart performances. Frank (right) and Ab, shake hands for Triangle readers in the accompanying illustration.

A KILLING PACE

From St. Paul came the following account of Frank's big triumph:

"Frank Stack yesterday broke in a new Frood Mine A. A. uniform by winning his third North American speed-skating championship in St. Paul's Hippodrome. The Sudbury speedster won five out of six races on the men's program to score 150 of a possible 180 points.

"Only in Saturday's two-mile final, when his rivals succeeded in boxing him in a bad pocket, did Stack fail to win, although pitted against America's and Canada's fastest skaters.

"The climax of the meet was the five-mile

finale which Stack won, despite Minneapolis youngsters' tricks which forced him to set a killing pace and sprint the last three laps to win. One Minneapolis skater took the lead and set a madhouse pace to wear Stack down in pursuit, then dropped out of the race to let Stack battle it out with a young rival, Don Johnson. But Stack outmanoeuvred Johnson, forced him to lose a stroke in trying to pass on the last turn, and won by half a stride.

FORCED TO LIMIT

"Indeed, in every race Stack was forced to sprint like a maniac to nose out Johnson and Vic Ronchetti, of Chicago. They finished one-two-three in all three finals Sunday. Saturday Stack won the four-forty and three-quarter mile, while his Sudbury teammate, Ab Hardy, was taking third in the two-mile, as Stack failed to place.

"Stack and Hardy placed Sudbury third in team standings behind Minneapolis Maple Hill, and Chicago. Stack alone put Sudbury seventh in team scoring in the Ten Thousand Lakes classic two weeks ago.

"A great skater and an idol of spectators here, Stack on Sunday recalled how he made his debut in the Hippodrome 18 years ago when a lad of 14 and, despite the fact he had to race against men, secured third place.

"Final point standings yesterday and Saturday showed: Frank Stack, Sudbury, Ont., 150; Don Johnson, Minneapolis, 100; Vic Ronchetti, Chicago, 60; Charles Leighton, Minneapolis, 20; Darrel Albrecht, Cleveland, 10; Ab Hardy, Sudbury, 10."

Office Volley Ball Players in the Lead

Port Colborne: Undeclared in the first schedule and with only one loss marked against them in the second, Office look like a good bet for Plant volleyball league honors, although Electros and 4-C are chasing them hard in the second round.

Formal protests were lodged against Office for using Bert "Spike" Richardson, their 6'5" killer, but Bert just smiles and goes on hoisting the pigskin over the twine.

ACTION FROM DAWN TO DARK

"Busier than a one-armed paperhanger with the hives" is what Pete Bertrand would probably tell you if you asked him how he is getting along at the bowling alleys in the INCO Employees Club. And the same sentiment would probably go for the other members of the staff at the popular new recreational centre.

From opening hour in the morning until it's time to lock up at night the Club takes care of a steady flow of members and privilege card holders, and is already established as a hub of employee activities. Here's an idea of what goes on: the bowling alleys are regularly handling an average of between 700 and 800 games per day.

Boxing and wrestling classes under Hughie Craig and George Black, with the assistance of several experienced instructors from different INCO plants, are proving a big drawing card, not only for adults but also for sons of members who are anxious to master the manly art of self defence. The juvenile physical culture classes are also drawing well, and Coach Joe Costigan has his hands full on Saturday mornings with the mob of young Indians who swoop down on him.

BADMINTON POPULAR

An influx of new players, many of them just taking up the game and others renewing interest after several years of inactivity, has swelled the badminton ranks so that the four splendid courts do their duty every available evening and most of the daytime. A "badminton bridge" on April 21 drew a large entry and it was obvious that INCO Employees Club will be a powerful contender in Nickel Belt badminton league competition when play gets down to business next fall.

The lounge and reading room make a popular rendezvous, and many privilege card holders are taking advantage of the opportunity to entertain their friends at tea during the afternoons.

CONISTON BAND PLAYS

An organ recital was one of the first special entertainment activities sponsored by the Club, and next came a concert by the Coniston Band under Maestro Dan Totino. Resplendent in new uniforms, the Band played a most ambitious program which included everything from grand opera to ragtime. The audience was greatly impressed with the progress these young musicians have made during the winter. Their clever leader has welded a masterly unit, noted for smooth phrasing, accurate interpretation, and generally sound musicianship.

First of what promise to be highly popular events was the Club dance on Easter Monday, which attracted a big turnout. The Frood orchestra, assigned the difficult task of supplying a musical menu in such a large hall, again drew the applause which greeted their efforts at the official opening dances. Conductor Paul Koster and his group are to be congratulated on their success.

Table tennis, volley ball, and bridge are other Club facilities, as well, of course, as the gymnasium and billiard room.

52 TEAMS IN LEAGUE

With outdoor sports beginning to beckon shortly after the Club was opened, many thought that organized indoor activities might have to wait until the fall. Not so with the bowlers, however, because no less than 52 teams promptly plunged into schedules which will carry them on into early summer. The Frood league, organized by D. McDonald, has 26 teams; Copper Cliff's loop, rounded up by J. F. Day, boasts 20, and Clark Burlingham's ORCO inter-dept. struggle involves six line-ups.



A group of Employees Club Directors posed for the Triangle camera following one of their Board meetings. Seated, left to right: Joe Harrison, ORCO, chairman; Eldred Dickie, Frood; R. L. Beattie, vice-chairman. Back row, left to right: Bert Meredith, Frood; J. F. Day, Copper Cliff; C. L. Wilson, Sudbury.

Following are the team captains:

Frood: Maitland, Jones, Cadieux, Daoust, Mason, Beaver, Cummings, Labrick, Clark, Kufske, Boyce, St. Marseille, Gaylor, Martell, Gilchrist, McCarthy, Bolton, Hurd, Stelmack, Taylor, Souci, Morrison, Bromley, Van Horne, Dinnes, Moore.

Copper Cliff: Fraser, Lawson, Shore, Armitage, Ovens, LaFleche, Llewellyn, Crowther, Coleman, Scott, Watson, Dice, Fee, Grannary, Thompson, McGowan, Lee, Vanexan, Green, McFeetors.

ORCO: Moore, Wilson, Belfry, Bryce, Atkinson, Crawford.

THE OFFICIAL OPENING

Capacity audiences marked the opening ceremonies March 17, 19, and 21. R. L. Beattie, General Assistant to the General Manager, officially declared the Club open, and expressed the hope that its facilities would be taxed to the utmost by the members. INCO, he said, had spent more than half a million dollars on welfare facilities in this district, and he hoped the members and their families would make full use of the latest addition, the INCO Employees Club.

General Superintendent R. D. Parker termed the new building "a material expression of The International Nickel Company's confidence in the city of Sudbury and the solidity of the industry." Dedicating the Club to a better understanding and relationship between employees, their bosses, and the Company itself, he turned over its facilities to the members.

SEND TELEGRAMS

These were accepted on behalf of the employees by J. W. Gemmell, Chairman of the Board of Directors, and D. M. Dunbar, Secretary. Mr. Gemmell read the following telegrams from President Robert C. Stanley and Vice-President Donald MacAskill:

From Mr. Stanley: "My best wishes to you and the INCO Employees Club as you for-

mally open the new recreational building in Sudbury. I am sure that this community centre for the use of our employees and their families will further strengthen the bonds of understanding and good fellowship which have always characterized our INCO employer-employee relationship. Regretting that I cannot be present on this occasion I wish the club and all of our employees and their families present, a happy and successful future."

From Mr. MacAskill: "My sincere regrets at not being with you tonight at the opening of our club. Hope you all have a very good time. I am looking forward to our employees and their families in Sudbury and its vicinity obtaining a lot of healthful recreation and enjoyment out of this building. Please convey my very best wishes to everyone."

A clever troupe of vaudeville performers, brought from Toronto for the occasion, performed the evening of March 17, after which a dance was held. Another big dance was staged March 21.

ATHLETIC DISPLAYS

Saturday, March 19, was Athletic Day at the Club. In the afternoon the members saw Jack Purcell, the world's professional badminton champion, perform against Rod Phelan, a champion Canadian amateur. The exhibition, particularly when Purcell uncorked some of his trick shots, was a gratifying success. Local badminton stars rounded out the program with some versatile displays of shotmaking. Saturday evening Matchmaker Hughie Craig, to boxers what Cupid is to lovers, brought together a first class boxing and wrestling card that had the fans on their toes from the opening gong. Feature bout was the match between Squint Felcioni of Copper Cliff and Jack Dellerbo of the Soo, Felcioni successfully defending the Algoma championship he won from Dellerbo early this year.

Heroic Rescuers Receive Institute's "Victoria Cross"

Out of the three-day whirl of technical discussion, reunion, polite social contact, and high-grade hilarity offered by the annual meeting of the Canadian Institute of Mining and Metallurgy, stands never to be forgotten the impressive moment when the Institute Medal for Bravery is presented.

SEVEN GET 1938 AWARD

More than 1,500 men and women rose from their places during the Tuesday luncheon of this year's meeting in the Royal York Hotel at Toronto, and stood in a silence of deep respect while seven brave men from INCO's Port Colborne Refinery were honored for heroism. Solemnly the voice of E. A. Collins, donor of the award which has become recognized as "the Victoria Cross of the Institute," intoned the citation. Then each of the men received the coveted gold medal while rounds of stirring applause broke from the audience.

Harold Beck, Lance Martin, Charles Start, Walter Salach, Edward Rogers, Donald Randall, and Joseph Frankow were those whose bravery won them this high distinction, and the heroic struggle in which they took part is reported for Triangle from Port Colborne as follows:

At 4:00 p.m. on December 9th, George Kirkpatrick, tank man in No. 2 Building, came on duty. No. 24 sulphide tank had been water washed and drained and was ready for acid. Kirkpatrick went down to change the two outlet hoses over into the acid launder. He changed one, the east hose, and he was aware of gas, became dizzy and started for the open. The sulphide casting train crew saw him come out of the aisle, stagger, and fall to his knees. The train crew assisted him to the open where he recovered. The train crew fix this time at 4:40 p.m.

DEFECTIVE MOTOR

Between 3:30 p.m. and 4:00 p.m., I. Wintemute (electrician) and his helper had been down in the pump pit inspecting the motors and the pit was clear of gas. Shortly after 4:30, Harold Beck (subforeman in No. 2 Bldg.), noticed the motor on No. 3 pump (soda-liquor) arcing. Beck went at once for electricians to repair the pump motor. Alex Herrick (electrician) and Herbert Wahl (helper) went to inspect and repair the defective motor. In about five minutes Beck came to the pump pit to see how the electricians were coming along with the repair work. He saw both men in the pit gassed and immediately summoned help. Six men, including L. Lambert and L. Martin, came from the new ball mills at once.

Beck and Martin jumped down into the pit intending to hand the two gassed electricians to men on the floor level. Beck was overcome at once and slumped over No. 4 pump motor. Martin gained the floor level and fell into a little pool of soda liquor. The men dragged Martin to the door and L. Lambert kept the men back and sent for C. Start. Start came at once, followed by W. Salach with a gas mask. Start donned the gas mask and, followed by Salach, started forward to rescue the men from the pump pit. Before effecting any rescue he became dizzy and men pulled him and Salach to the door.

GOT MORE HELP

Start ordered the men to stay back and ran into No. 3 Bldg. for more assistance. Rogers (sub-foreman) and Ryan (foreman) responded at once. Rogers, arriving at the pit a little ahead of Ryan, called to Ryan to get stretchers, send more men, summon medical aid, and phone the superintendents.

Start and Rogers now attempted rescue, became groggy, and were assisted to the open door where they recovered. Start now procured a wet rag, fastened it over his nose and mouth with a dry rag, and was able to enter the pit and rescue Beck. Start himself was assisted to the open air. Martin had been taken to the First Aid office and now Beck was taken over. Randall, wearing Start's discarded gas mask, went into the pit and handed Herrick to floor level where men received him and rushed him to First Aid. Randall was assisted out and taken to the open air.

LIFT TWO AT ONCE

In the meantime Ryan had seen McQuire (plant superintendent) who came quickly to the scene and had all doors opened on North side of the building. McQuire now met Rogers who had recovered, and helped him to put on the other gas mask, which Rogers had procured from its position at the new ball mills. McQuire personally saw that this mask was fitted on correctly. Rogers now went into the pit to rescue Wahl. Rogers was visibly affected by the gas despite the mask, but was able to raise Wahl's arm to the floor level before he collapsed. Start, protected with a wet rag, was able to grab Wahl's hand and Rogers' hand simultaneously. A rush of men now took all three to the open door. Start recovered at once and the other two (Wahl and Rogers) were taken to the First Aid.

On visiting the patients Dec. 11th in the hospital it was learned from Beck that he had no recollection of even entering the pit to rescue the men, but remembered his intention to do so. Martin recalls vaguely of being unable to lift Herrick out and trying to get out of the pit himself, but does not recall getting out.

No Idle Hours On Port's Alleys

Port Colborne: The bowling alleys continue to be the most popular rendezvous in the new Club. Plant leagues occupy four nights weekly, and a mixed tournament is scheduled each Friday evening, leaving Saturday as the only open time on the alleys, and this open period is used completely, as the daily average for February of more than 300 games would indicate.

The 10-pin league, an inter-departmental affair, is composed of 20 teams. One schedule has been completed and the second is underway. Winners of the first schedule were Electros, (W. Wincott, U. Concessi, S. Shaminsky, C. Burke, S. Vasko, J. Saudelli). High match score of 2061 was rolled by the Stores team of G. Winger, W. McDonald, C. E. Wolfe, and Vic Lynden.

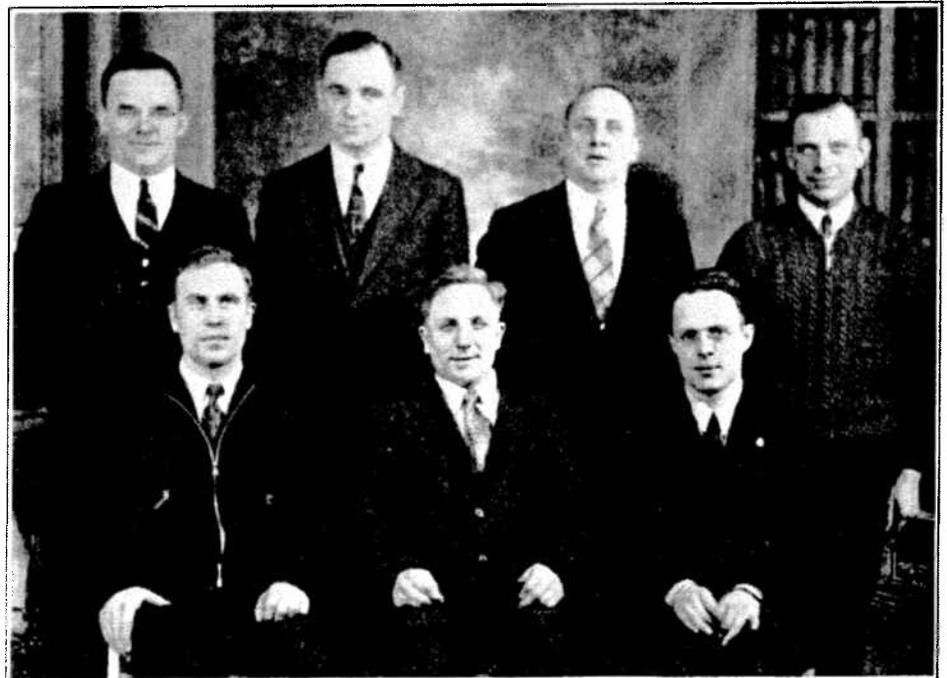
In the 5-pin loop there are 25 teams entered and interest is running at a high pitch. Winners of the first schedule were Anodes "A" shift team of R. Thompson, E. McCaffery, P. Borland, C. Raybould, V. Manger, H. P. Roe, T. Gonyou. This team also holds to date the honor of rolling the high match total, 3033.

Further 5-pin activity will be an elimination tourney now being organized. No handicaps will be applied in this event.

Finals have been reached in the mixed bowling tournament, with Mr. and Mrs. J. Emberg and Mr. and Mrs. S. Hardy, who at one time held a lead of eight points, scheduled to play Mr. and Mrs. A. Habel and Mr. and Mrs. A. Gibbs for the championship.

Some of the high individual scores rolled on the alleys to date are: Ladies 5 pins, Mrs. J. Emberg, 272; men's 5 pins, C. R. Howard, 367; men's 10 pins, H. Patterson, 269.

Range top assemblies in the galleys of Munson Line Steamships formerly lasted about two months. Replacements made of Ni-Resist show no signs of failure after over six months' use.



Sequel to their conspicuous bravery in rescuing fellow-workmen at Port Colborne Refinery December 9th, these men were presented by E. A. Collins with the Medal for Valor of the Canadian Institute of Mining and Metallurgy. Standing, left to right: Charles Start, Edward Rogers, Harold Beck, Walter Salach; seated, left to right: Joseph Frankow, Lance Martin, Donald Randall.



A New York branch of The Quarter Century Club, employees of INCO with 25 or more years of service, was recently formed and the coveted club buttons were presented by President Robert C. Stanley, himself a Company veteran. Photograph shows those who received their buttons: First row, left to right: Miss I. Griffiths, C. DeYoung, L. R. Costigan, B. Brzostosky, T. Fudge, R. C. Stanley, P. Birmingham, T. Archibald, J. More, A. J. Wadhams, Miss M. E. MacPherson; second row, left to right: G. J. Schoener, J. E. Martell, A. Falk, W. J. Lee, W. Cotter, W. T. Vaughn, E. F. Cubberly, J. M. Lemal, A. Dickman, F. Kopcinski, J. P. More, C. McCarthy, J. L. Ashley, E. Ludlum; third row, left to right: R. L. Suhl, A. S. Shoffstall, F. P. Bernhard, F. C. Allgeier, C. Lawler, J. H. Burn, G. H. Gibson, R. W. Moller, W. C. Smith, T. Dilena, S. G. Kalapos, J. F. Thompson, H. G. Capitan; fourth row, left to right: J. E. Fitzgerald, C. J. McDonough, E. Wagner, A. Trigg, R. Van de Mark, R. Dewhurst, F. Prilof, G. J. Hutzler, E. Haydock, G. D. Donnelly, D. Sullivan, H. Herchenroeder, C. B. Donnelly, J. F. McNamara, R. C. Wakefield.

86 VETERANS GET BUTTONS

A branch of The Quarter Century Club of The International Nickel Company of Canada, Limited, was inaugurated among employees of the United States subsidiary—The International Nickel Company, Inc.—at a dinner dance at the Hotel Commodore, New York City, on Friday evening, February 11.

Membership of the club in the United States comprises 86 eligibles, 47 of whom are on the retired and 39 on the active lists. The average service age is 31½ years. This compares with 164 members in The Quarter Century Club in Canada, whose average service record is 30½ years.

PRESIDENT A VETERAN

Gold buttons as tokens of membership were presented by President Robert C. Stanley, himself a veteran of over 36 years of service. Mr. Stanley received his button from Mr. A. J. Wadhams, head of the Company's Development and Research Division, who also has had more than 36 years of service.

"In presenting this token I do so with the thought that The International Nickel Company and not the recipients should be congratulated," said Mr. Stanley in making the presentations. "A Company with such a body of men, all of whom have devoted or are devoting their active lives to its progress, is indeed fortunate.

"As a Company we have prospered and have become a great world enterprise. However, with all of its rich mines, huge plants, and great financial resources I still believe sincerely that the Company's greatest assets are the loyalty, devotion and experience of this 'Quarter Century Club.'

"The club we are now organizing is unique in that it will be purely honorary and is built on a foundation of mutual respect and good fellowship. It entails no

dues or other expense, and the only qualification for membership is 25 years of service with the Company.

"Many present tonight have spent more than the requisite quarter of a century with the Company, and many others are approaching that status.

"Being qualified myself, for membership, I cannot forego this opportunity to pay my respects to the small group of men present tonight, who were in this organization back in 1902, and from whom I am proud to say I acquired much of what I think I know about Copper and Nickel.

"These men and women, and those others present who joined the Company prior to 1913, are eligible to receive, tonight, 'The Quarter Century Club' insignia, which is a small gold button bearing an appropriate inscription—'INCO QUARTER CENTURY CLUB.'"

INCO CLUB AFFAIR

The dinner was held under the auspices of The Inco Club, a social organization of Company employees in the United States. Frederick C. Allgeier, president of the club, who has more than 27 years of Company service to his credit, served as chairman. Motion pictures of Company operations in Canada, United States, and in Great Britain were shown as part of the entertainment of the evening, which was largely devoted to dancing. Approximately 250 employees, members of their families, and guests attended.

The employees of the Bayonne Works and several from the Huntington Works were present to receive their buttons. The remainder of the Huntington eligibles received their buttons at a dinner in Huntington on March 4.

Frood: First holders of the handsome new Underground Foremen's trophy for broom-ball are the Construction team, who nosed out Steel Shop in the league finals.

Members of the victorious club: J. Hottot, W. Ruff, E. Forsyth, B. Campbell, A. McDonald, E. Dickie, S. Grassham, P. Grassham, F. Racicot, F. Rogal, T. Spiwack, T. Lindsay, A. Tremblay, T. Meadows.

Ski Club Gets Big Membership

Copper Cliff: Membership of 100 was reached by the Cliff Gliders Ski Club in a most successful first season, and valuable groundwork was done toward building up one of the most versatile ski clubs in Northern Ontario.

Under the leadership of President Bruce Allen, the Club explored and improved several trails centering on Tank Hill, and also enjoyed extensive social activities.

As many as 80 members turned out to the regular Saturday afternoon hikes and other more romantic jaunts by the light of the silvery moon. Refreshments were served at Memorial Community Hall at the conclusion of each hike, the Entertainment Committee building up a fine reputation for the quality and quantity of their menus.

A largely-attended bridge party was staged, resulting in a substantial addition to Club coffers, and on April 26 members are to see ski movies at the Community Hall.

With handsome trophies donated by local merchants, Club championships brought out some excellent competition, and results were as follows: Men's A, K. Sproule; Men's B, J. Winckler; Men's C, Walter Flowers; Ladies' A, Sheila Taylor; Ladies' B, Elizabeth Winckler.

The Club executive in charge this winter was as follows: Hon. Pres., D. MacAskill; Pres., Bruce Allen; Vice Pres., Mac Forsythe; Sec.-Treas., Jack Cole; Entertainment Committee, Mrs. W. E. Gillespie, Mrs. G. Norman, Mrs. C. Coe, Clara Buck, D. Stackhouse; Membership Committee, Don Brown, Elizabeth Winckler, Bud LaBranche, Sheila Taylor, Art Van Allen, Mrs. C. C. Chapman; Technical committee, A. L. Winckler, J. Taylor, K. Sproule, C. A. Young.

Like Chi Hawks, J.M.C.'s Toughest When Chips Down



"Goodbye, old pal," sighed Red Stuart, with a tear in his eye as big as a baseball, and kissed a fond farewell to the Allan Cup which he and Froot Tigers won last year, along with their Canadian championship. It was the second time in his coaching career that Red was custodian of the famous tankard, but his 1938 Tiger edition failed to make it three for him. In the background are two of the other trophies Froot picked up last year along the championship trail.

Mitt and Mat Men Stage Exciting Show

Port Colborne: Results of the boxing and wrestling classes which have been held in the Recreation Club were clearly shown April 9 when a first-class series of exhibition bouts was staged. Four lively fistic encounters were trotted out for the appreciative fans, the combatants all being drawn from employee ranks. In the five grunt-and-groan bouts, INCOites were matched against outsiders and acquitted themselves well. It is hoped that many more of these highly entertaining shows will be staged.

The Club boxing classes are under the talented leadership of Alex Davis, former Ontario welterweight champ, who has uncovered some real prospects and is bringing them along in fine style. The semi-weekly wrestling classes, with Physical Director Jack Taylor at the helm, are also proving a real success and a feather in the cap of their instructor.

A pump for a 32-inch pipe line dredge on the Mississippi River calls for the casing and impeller of cast nickel-chromium-molybdenum steel. The liners are of S.A.E. 3340 (3 1/2 per cent. Ni, 1 1/2 per cent. Cr) plate, and a nickel steel is employed for many of the forged parts.

Copper Cliff: Although they dropped only one decision in their 23 regular scheduled games of the shift league, Jordan's Concentrator team were forced to bow to the smart J.M.C. Smelter combine in the finals for the championship and the Cochrane Dunlop trophy.

Not once did J.M.C. defeat Jordan in league play, although every match between these teams was decided by only one goal, but when the championship chips were down it was a different story.

The clubs played two games, the first ending in a 3-3 deadlock, and the second going to J.M.C., 4-0. In the first match, on April 6, Combines had to come from behind twice in a thrill-packed encounter, Corelli knotting the count for the second time late in the third period. Ten minutes of overtime failed to break the tie.

ABRAMS SPECTACULAR

In the sudden-death final on April 10, "Rusty" Abrams spectacularly turned back the brilliant scoring efforts of the Jordan squad. In wonderful form, Abrams repeatedly literally robbed the Concentrator sharpshooters, while his mates took advantage of every break and played inspired hockey to beat the clever Paquette in the Jordan nets on four occasions. Gladstone and Corelli paced the victors, with Porter and Sheridan playing sound defence. Armitage and Smith looked good for the losers.

Not up to the calibre of Nickel Belt hockey, naturally, the brand of play nevertheless gave the big crowds plenty of satisfaction. Referees Dewey and Lavigne, in charge of the sudden-death match, had no trouble keeping the game in hand and issued only two penalties, which says plenty for the

players considering what was at stake and the speed they were travelling.

Lineups of the two finalist clubs were:

Jordan—Goal, Paquette; defence, Smith, Scanlon; centre, Montgomery; wings, Armitage, Lafrance; alternates, Stevens, Edwards, Webster, Hutchison, Faught.

J.M.C.—Goal, Abrams; defence, Sheridan, Porter; centre, Gladstone; wings, Allen, Corelli; alternates, E. LeBlanc, Roque, O. LeBlanc, Turnbull, Upton, King.

Longest and most interesting schedule yet played, the league was a credit to President Bill Chapman, Secretary Bill Nelan, and others responsible for its administration. The managers and coaches of all teams also come in for congratulations for their part in providing both players and fans with a season of first-rate hockey. Copper Cliff Athletic Association, sponsor and "sugar daddy" of the league, can pat itself on the back for registering another success among the many sports activities to which it gives its backing.

SEVEN TEAMS ENTERED

Teams entered were: Jordan's Concentrators, Wolfe's Orford Aces, Johnson-Montgomery-Crawford, Frank Matte's Copper Kings, the Jim Closs Crushers, Sid Smith's Reverbs, and Bill Somers' Reverbs.

Like Chicago Black Hawks, who came from behind and lifted the Stanley Cup "the hard way," J.M.C.'s and their supporters could be pardoned for raising quite a triumphal rumpus when all the shooting was over. The following Saturday evening they foregathered and celebrated their victory in an appropriate manner.

AGAIN BEATS CORROSION

In one system of air conditioning, a lithium chloride solution is used to absorb moisture from the air. When the solution becomes saturated the excess moisture must be driven off at a temperature of about 240 degrees F., a point where the lithium chloride becomes highly corrosive. Pans made of nickel-clad steel plate are used for this purpose, replacing other materials which failed in short order.



It takes a team of good sports to muster grins like these five minutes after they've lost out for a league championship, but Bill Regan's Creighton Eagles refused to let defeat get them down. Beaten by Falconbridge in the Nickel Belt finals for the Swenson Cup, they nevertheless had no reason to reach for the crying towels, because they played a season of sparkling swashbuckling hockey and were a credit to their supporters.

Medicos Make Crafty Curlers

The Scots will bet their Sunday shirts,
The wailing will be dire,
When medicos get their desserts
From Alex McIntyre.

It's a long story if properly told, but the gist of it all is that Skip Alex McIntyre of the Electrical Dept. had made up his mind to cop the E. A. Collins' cup for inter-departmental curling competition at Copper Cliff this winter, while the medical fraternity playing on the Town team had, apparently, decided otherwise.

The showdown came when Alex developed what he firmly maintains was nothing more than a slight tickling sensation in his tummy. Medicos promptly went into a huddle, and after much doleful head-shaking, etc., pounced on Alex and with ill-concealed glee took his appendix away from him, thus effectively removing him from curling for the remainder of the season.

Alex promises to get sweet revenge next winter, and assures his henchmen that what Electrical will do to Medical will be shocking, to say the least.

INTEREST REVIVING

More than making up with enthusiasm what they lacked in numbers, the Cliff's besom an' stane devotees put in a rollicking season. The enrolment of several younger members seemed to indicate a revival of local interest in curling, and it is expected that there will be a substantial boost to the membership when freeze-up rolls around again. Few sports offer the opportunities for fun, fellowship, and exercise that are found in the grand old roarin' game.

Standout of the season was the showing of Jack Thompson's Mechanical Dept. rink in the Collins' event. Eight rinks were entered: Smelter No. 1, Ken Madill, skip; Smelter No. 2, Sid Smith, skip; Mechanical, Jack

Thompson, skip; Mill, Jim Hudson, skip; Laboratory, Karl Lindell, skip; Office, W. T. Waterbury, skip; Electrical, Alex McIntyre, skip; Town, Dr. Harris, skip.

Mechanical Dept. went to town from the outset, and the only thing they didn't win was the right to play in the Dominion championships. They went through with seven straight wins, establishing a record for Collins' Cup competition because no other winner has ever played the schedule without a defeat. Personnel of the victorious rink was: Jack Thompson, skip; Jack Garrow, vice-skip; Vic Burns, second; Eddie Hudson, lead. Second place in the event was shared by Madill and Lindell with four wins each; Hudson, Harris, Waterbury and Smith each won three matches; McIntyre won once and then the docs piled up that surgical six-ender on him.

Jim Hudson's smooth-curling rink took the honors in the annual inter-rink event, trimming McIntyre's crew in the finals. Ken Madill was vice-skip for Hudson, Jesse Morrison second, and Harold Hudson lead.

The Junior Bonspiel, in which junior skips are promoted to skip the rinks and regular skips serve as leads, drew a good entry and produced plenty of competition. What the skips do in the Junior 'spiel at times is fearful and wonderful to behold, and many are the caustic comments muttered by the veterans at these tactics, but youth must be served. The vets are usually restored to good humour, too, once the junior skips get to the point where they are prepared to sell their rocks at a tremendous discount and take up tiddlewinks.

Jesse Morrison skipped this year's winning rink in the Junior 'spiel, with John Stewart, J. C. Ferguson, and W. Henderson as his rink.

As a precaution against failure of heavy construction equipment for breaking through earth and rock, Emsco Derrick and Equipment Company, Los Angeles, use heat-treated nickel chromium steels for such stressed parts as axles, sheave shaft and the like.

CLUB CREST IS SELECTED

C. E. Hasselfeldt, Copper Cliff machine shop, picked off the special \$10.00 prize offered by INCO Employees Club for the best suggestion submitted for a Club crest.

That Hasselfeldt has made a real success of his artwork hobby is obvious from



the neat design he turned in, and which now adorns Club stationery.

There were many cleverly original suggestions submitted, another outstanding entry being that of Bruce Hughes of Copper Cliff, who enclosed much the same type of design within an INCO triangle, superimposed on the word INCO.

J. T. McNeil produced a smart crest all ready to sew on some athlete's sweater, red and white flannel. S. Prasser Jr., Port Colborne, submitted a shield which carried the word "Collaboramus." "It means 'We Work Together,'" wrote Prasser, "and I think this is very appropriate."

"HEALTH AND HAPPINESS"

"Where Mine and Smelter Meet" was the theme of E. Dandy's entry, a bright creation in gold and blue. Chas. Byers had a workman and a Company official shaking hands within an INCO triangle. George Carlton submitted a neatly designed winged shield. F. Cowling's suggestion was typical of this capable artist, and showed a group of athletes in gymnastic formation, surrounded by the words "Health, Security, and Happiness."

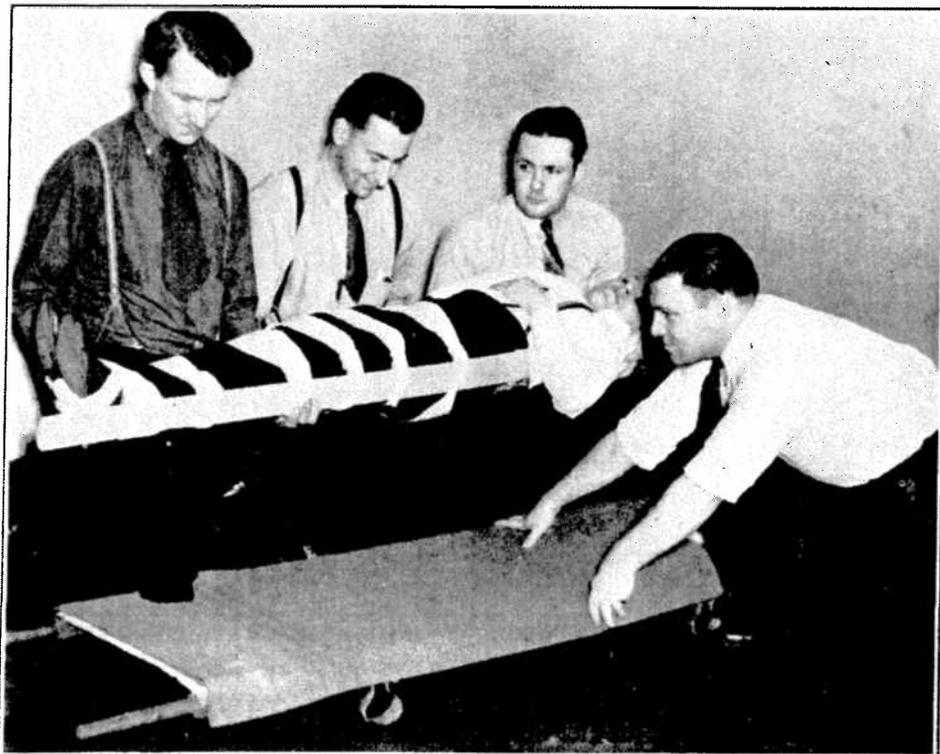
"Welfare, sports, recreation, and progress" were the thoughts worked into a crest by J. C. F. Lown of Coniston, and George Hornby of Frood showed INCO spanning the world. G. West drew figures in various club activities, and E. Desotti worked in a sketch of the Copper Cliff smelter in his entry.

L. Maude sketched mine headframe, smelter, and substation as the motif of his suggestion, and Dave More offered "Keep Drilling" as a Club motto with a colored drawing of a miner on the job.

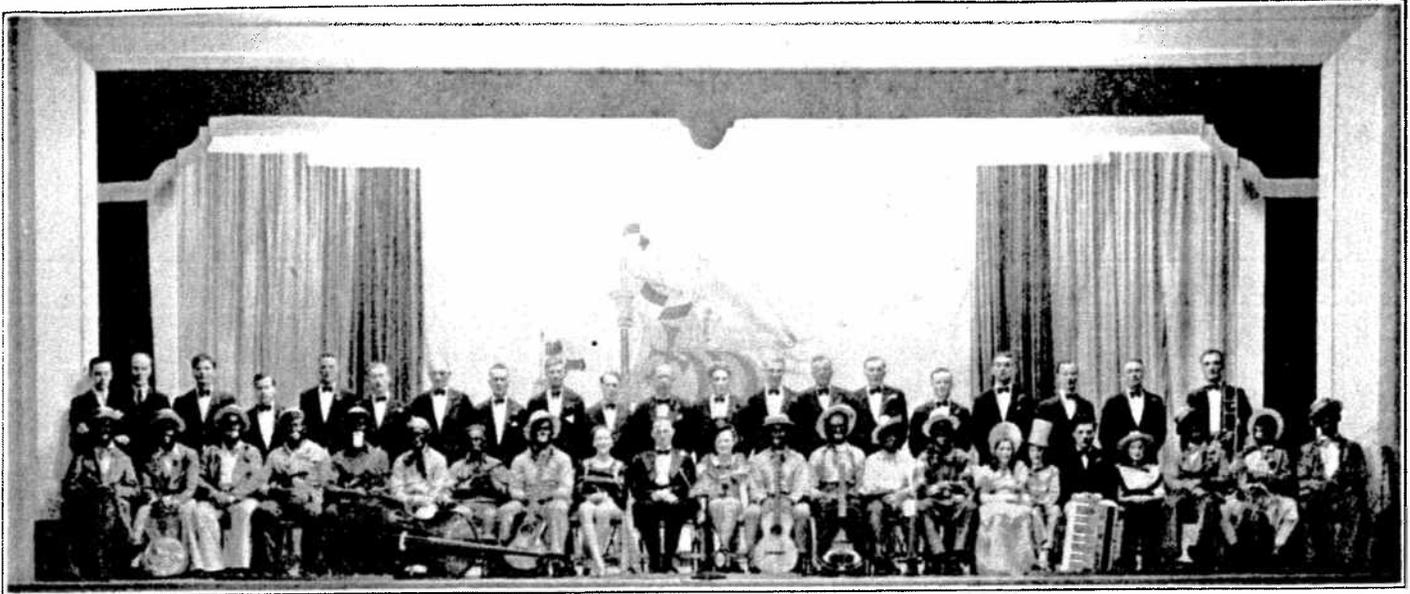
Many other entries were received, indicating the keen interest aroused by the contest, and the Employees Club directors expressed appreciation to all who assisted in providing a suitable crest for the new building.

URGE USE OF NICKEL

The Medart Company, pioneer builders and designers of machine tools and power transmission and machinery, specify 3½ per cent. nickel steel for applications where dependable strength and toughness are essential. Heat-treated S.A.E. 2330 is usually employed for spindles, and in numerous instances also for stressed bolts and studs. A cast steel containing 3 to 3½ per cent. nickel is used for cutterhead trunnions, etc., and 1½ per cent. nickel high strength cast iron for bases and frames.



Winners of the F. Benard inter-department trophy, this ORCO First Aid team hopped into inter-plant competition this year for the first time and won plenty of recognition by finishing in second place. In the photo Captain Harry Lipscombe tests the stretcher before (left to right) George Furchner, Bill McGrath and Tommy Meehan gently lower Accident Case Nazari in his splints and bandages.



No top-flight road show could have given Port Colborne employees more for their money than the "home-grown" Minstrel Show which entertained them two nights in the Recreation Club. Here's the company, in full stage regalia.

1700 ATTEND SNAPPY SHOW

Capacity audiences, totalling 1700 people, greeted the "Swanee Minstrels" presented at the Inco Recreation club by the Inco Welfare Association and enjoyed the excellent and varied program which was full of comedy with some excellent instrumental, vocal and dance numbers. The program was one of the best of its kind presented in Port Colborne in a long time, a credit to the association and to Durbin Nixon, chairman in charge of the arrangements and his committee.

OLD-TIME ORCHESTRA

Well known local talent combined with guest artists from the district to present the program. The minstrels kept the crowd in gales of laughter with Joe Lobosco as Midnight and Durbin Nixon as Gooseberry heading the strong cast of endmen, Gordon Bell and his old-time string orchestra provided old-time music between the acts and other numbers which were particularly well received by the audience were the Toe Strut dance of Miss Jean Clayton, the song and dance number of little Miss Ruth Noxel, and the piano accordion selection by Mimi Concessi.

The vocal numbers featured several well-known local soloists and a male octette of employees of the company with Percy Robinson as soloist. W. J. Freeman sang the well-known "Mandy Lee" and Col. R. F. Baker rendered "On the Road to Mandalay." Other solo numbers included "Harbor Lights" sung by Roy Howard; "Remember" sung by Arthur Roynon and "Old Man River" sung by G. Morley. The male octette composed of L. Houser, Arthur Roynon, Harry Clist and R. Duke, tenors; Harvey Wismer and Orleigh Ziegler, baritones, and William Sands and R. Fraser, basses, with Percy Robinson as soloist, sang "Where the Swanee River Flows."

SPECIALTY DANCES

An excellent list of specialty dance numbers was presented by the pupils of Miss Kathleen Coppin. These numbers included the song and dance number, "Mama I Want to Make Rhythm" by Miss Eileen Phillips, well-known Port Colborne entertainer; a song and dance number by Miss Beverley Horne and Miss Eileen LaCroix in novel costumes bearing negro faces on their backs; a

song and dance by Miss Ruth Noxel, and the Toe Strut dance by Miss Jean Clayton.

Several instrumental numbers added greatly to the enjoyment of the evening. In addition to the selection by Gordon Bell's old-time string orchestra there was a piano accordion solo by Mimi Concessi; a trombone solo by Leonard Saville and a guitar duet by J. Hannigan and T. Marsh.

The capable cast of endmen with Roy Howard as interlocutor included J. Hannigan as Tambo, T. Marsh as Whitewash, Durbin Nixon as Gooseberry, Joe Lobosco as Midnight, A. Weaver as Bones, and R. Davies as Molasses.

WRITER AND PRODUCER

The committee in charge of the excellent program included Durbin Nixon as general chairman, who also wrote the script and directed the show and Jack Shedden and George Scott of the entertainment committee of the Inco Welfare Association. Reginald Steeves was musical director and William Irvine stage director.

At the conclusion of the program George Craig, assistant superintendent of the International Nickel Co. refinery, spoke briefly welcoming the audience and thanking the cast for their splendid performance. The "Swanee Minstrels," said Mr. Craig, was the first of a series of shows which the Welfare Association planned.

Start Plant For Open Pit

Frood: Construction has commenced of a new crushing and sorting plant to handle ore from the open pit mining operation which the Company will launch early in July.

The new plant will be located about 400 feet northwest of Frood No. 3 shaft, and will have a capacity of approximately 6,000 tons per eight-hour day. The all-steel jaw crusher, more than 15 feet high, will handle chunks of material up to six feet in diameter. Initial output is expected to be 4,000 tons per day.

Two hundred feet further on from No. 3 shaft, the open pit operation will be carried on over an area about 4,000 feet long by 400 feet wide. It will take some 18 months to level off the ore outcrop to the general surface elevation of the territory, after which mining below the general surface level will be commenced.

Sides of the open pit will be maintained

at an angle of 45 degrees for safety and to provide roadways for the trucks which will haul the material from the pit to the crushing and sorting plant.

175-TON SHOVELS

Two 4½-cu. yd. electric shovels, each weighing 175 tons, and six 21-cu. yd. trucks, each weighing 22 tons, will be used in the open pit. Two caterpillar tractors will be utilized for road building and maintenance.

For blast-hole drilling four churn drills are on order. Each of the nine-inch bits to be used in these drills, weighs 600 lbs. Holes will be drilled from 18 to 25 feet apart.

Machine Shop Wins Eager Cup

Frood: After a hectic season from which both players and fans drew a full measure of excitement, the shift hockey finals at Stanley Stadium for the F. J. Eager trophy found Cullen's 3100 lineup facing Miles' machine shop pucksters. Machine shop had stopped Morette's 2950 crew in the semi-finals, while 3100 had disposed of 2200.

Pete Evans led the Mines men into the fray, and Bob Anderson master-minded the Cullen entry.

No chances were taken by 3100. Before their opponents hit the score board they had whipped six goals into the tapestry. Stanley started the barrage after five minutes of play, converting a pass from St. Germain. The latter figured in two other tallies and picked one off himself before the battle ended. Negus, Hall, and Clouthier were other Machine Shop sharpshooters.

Only goal for 3100 was scored at 18 minutes of the last period, Bengenter taking a pass from Roque and whipping it home to save his team from a shutout.

Lineups were: Machine Shop: M. Martel, A. Stanley, R. Crane, F. Duberry, P. McGonnigal, H. Dennis, O. Clouthier, S. Barrett, G. St. Germain, B. Negus, S. Boal, G. Hall, E. Denny, B. Cook.

3100: A. Maitland, B. Tenneyson, E. Florskosky, S. Nicklimson, B. Bengenter, H. Roque, C. Blinckesky, W. Dimes, C. Halcoivith, J. McGinn.

Frood Welfare Association sponsored the very successful league. F. J. Eager presented his trophy to the victors at the end of the match.

PUNCHING OUT

with

JOE the DRY MAN



¶ **ORCO NOTE:** The Research Dept. observed Ground Hog Day as follows: The sciuroid rodent, of the Marmota family, known to the erudite as the Arctomys Monax, emerging from his condition of seasonal torpidity, and, perceiving his adumbrative projection, resumes his wintry seclusion, thereby prognosticating an additional sextuple hibernacular period.

★ ★ ★

¶ Pete Atkinson scored 15 goals for Conreco during the Nickel Belt League schedule, and would probably have tallied several more if he hadn't discovered that for every goal he whipped into the twine he seemed to have to pay with a stitch in his scalp. When he reached 15 goals he had also accumulated 15 stitches. A feller's head gets tired of that sort of thing, so Pete probably decided to lay off the scoring to avoid the hemstitching.

★ ★ ★

¶ From no less unimpeachable a source than Mrs. Frank Eager of Frood comes the following squib, which Triangle, for reasons not too difficult to understand, enjoys very much. Mrs. Eager was a passenger on a Frood bus to Sudbury one day shortly after publication of the last issue of Triangle. At a certain street stop, the bus driver turned and looked inquiringly at a male passenger who was deeply absorbed in a newspaper. No movement from the male. The driver called out the name of the street. Still no movement from the male. So the bus travelled on down town. When it reached the main stem the man glanced out the window, then promptly criticized the driver for not letting him out at his home stop. Said the driver: "You were so busy reading that paper you didn't know where you were." Readers, we give you just one guess at the name of that paper. Modesty forbids our printing the answer. And thanks again, Mrs. Eager!

★ ★ ★

¶ At Creighton, one of the school teachers gave her class a lesson on Mexico, and suggested that each pupil bring to school the next day any little souvenir of Mexico that they might be able to find at home. One lad turned up with the photograph of "Pancho" Waterbury we carried in the last issue!

★ ★ ★

¶ From Dave Butchart at 3 Willow Park, Ferrier St., Carnoustie, Scotland, comes a welcome letter to say he is receiving his Triangle and delights to get news of his many old friends. Recently returned from England, R. L. Peek reports that Dave is in first-class health and thoroughly enjoying life. Which is good news for us all here.

★ ★ ★

¶ In Sudbury Ski Club's first annual championships, Kel Sproule of Copper Cliff won the combined downhill and slalom events. Others prominent in the scoring were Ernie Impola of Frood and Lauri Tulkuu of Levack.

★ ★ ★

¶ With a total of 27 girls, the first Girl Guide company at Garson was officially enrolled by Mrs. D. M. Duncan and Mrs. W. P. Greenhill of Sudbury, district commander and commissioner. Mrs. P. Atkinson and Miss Bernadine Fyfe were enrolled as acting captain and lieutenant of the new company. Mrs. D. H. Forster of Sudbury, district captain of the Brownies, and Mrs. E. L. Fiander, enrolled 15 Brownies with Mrs. R. Jack as Brown Owl and Miss Sheila Moyle as Tawny Owl.

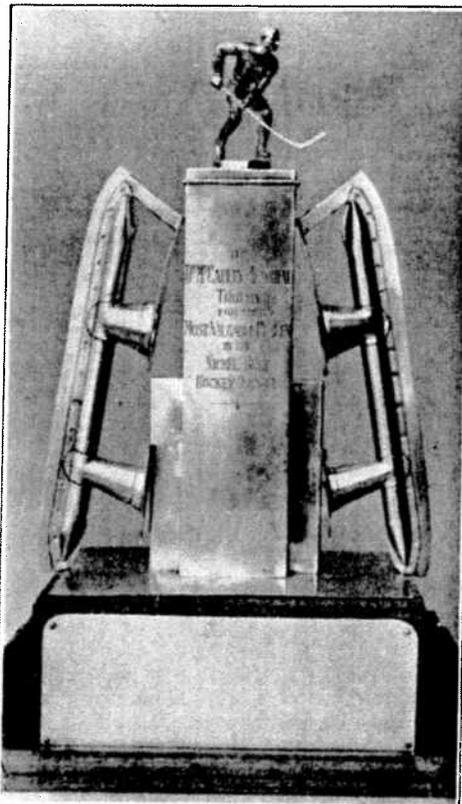
¶ Bill Chapman of the Orford plant at Copper Cliff could be forgiven for sticking his chest out recently when Scollard Hall Bears of North Bay won the Canadian Secondary Schools Association hockey championship in a tournament at Ottawa. Two of his sons, Bill and Dave, are members of the team.

★ ★ ★

¶ In the big annual curling bonspiel at Sault Ste. Marie Skip Jim Hudson and his Copper Cliff rink made a very creditable showing. Ken Madill, Jesse Morrison, and Harold Hudson were the other members of the crew, which hung up a long string of victories before taking the count. Jim's curling game was so hot last winter that some of the boys thought he should have taken George to the Sault with him to watch out for the fire hazard.

★ ★ ★

¶ In the face of tough competition from other countries, where the class of hockey is now very close to being on a par with the best in Canada, Sudbury Wolves regained the world championship for the Dominion



To the memory of the late Dr. W. A. McCauley, prominent Nickel Belt sportsman, is dedicated this beautiful trophy which his sister, Miss Ina McCauley has donated. It is to be presented each year "to the most valuable player in the Nickel Belt Hockey League." A beautiful example of the silversmith's art, the trophy is mounted on a base of birdseye maple. Don Grosso, last year with Frood and this year with Falconbridge, is the first player to hold the trophy.

in the tournament at Praha. A big crowd was on hand at the Sudbury depot to give the boys a salute when they returned. "A wonderful trip, but it's sure nice to be home again" seemed to be the general opinion among them.

★ ★ ★

¶ A former Frood employee had a narrow escape from death when his Canadian Airways' plane nosed into the snow as he was taking off at Matane, Que., 200 miles east of Quebec City. Pilot Tom Mahon was taken to hospital with a fractured leg.

★ ★ ★

¶ There was a broken ski hanging over the fireplace in the Levack clubhouse. Mystery seemed to shroud its ownership and how it got that way.

★ ★ ★

¶ With C. H. Stewart as president, Bob Beggs as treasurer, and Jack Carpenter as secretary, the Levack Ski Club got away to a good start this year and promises plenty of action next season. Another organization in Levack which made excellent progress this winter was the Lovers' Club, which expects to climax its activities this spring with the tying of several knots of that well-known lasting variety.

★ ★ ★

¶ Frank Jordan's Concentrators, unsuccessful contestants in the Intermediate playoffs, wish to express their gratitude to Copper Cliff Athletic Association for the financial support given them throughout the series, and also their appreciation to Bill Nelan, hard-working secretary of the Shift League, and Gordon Telford of J.M.C.'s for players and equipment loaned. (J. French, manager).

★ ★ ★

¶ When Mrs. Louis Renzoni was the successful lady in the draw at the Port Colborne Valentine Dance, and received a lovely bouquet of red carnations, the band quick-thinkingly struck up the Wedding March from Lohengrin, because it was the first dance that Louis and Mrs. Renzoni had enjoyed in the new Recreation Club since their marriage in December of 1937.

★ ★ ★

¶ S. Sandelli of Port Colborne writes us about a fan at one of those exciting playoff hockey matches between Ports and Goodyears, in which Ports went down after a valiant struggle. Sandelli says he watched this fan chewing on his program in the tense moments of the battle. At the end of the game the fan looked around for his program, discovered he had eaten the whole thing. Wisely he turned up at the next match with salt and pepper shakers, determined to give his digestion a break in case the incident should be repeated.

★ ★ ★

¶ Nifty gold pins, in the shape of a triangle with the initials F.M.W.A., have been issued to its members by Frood Mine Welfare Association. After listening to the irrepressible Eldred Dickie recount all the virtues these pins stand for, we came to the conclusion that any man who wears one needn't ever worry about getting through the Pearly Gates. Nor need he be surprised if, when he arrives at the top of the golden stairs, he finds St. Peter himself proudly sporting a Frood Welfare button.

★ ★ ★

¶ Frood is looking forward with more than usual interest to the baseball season, because they've appointed "Fitz" FitzJohn to handle their team and they want to hear "Fitz" and Flynn break out in one of those celebrated arguments which only baseball seems able to produce. With all due respect to the argumentative abilities of "Fitz," we'll still pick Pepperpot Flynn.

★ ★ ★

¶ When fire broke out in his home on Pine Street, Sudbury, Andy Haska of Copper Cliff smelter, played a heroic role to rescue his wife and daughter. A coal explosion in a Quebec heater, located in a downstairs front room, shattered the stove pipes and started

the blaze at 1.45 a.m. The family were all upstairs. Andy leaped through a front window to the ground, then stood on a clothesline platform and caught his wife and 11-year-old daughter, in turn, as they, too, jumped from the window.

★ ★ ★
 ¶ A member of Froot's survey office staff is wondering whether he should feel honored or insulted, after receiving the following letter from Rev. Abner B. Truman of Toronto:

"Dear Mr. Blank:
 "For many years I have conducted annually a series of lectures under the auspices of the Amalgamated Temperance Union, which have been highly successful. My most popular talks have been 'The Curse of Drink,' 'What Alcohol Is Doing to You,' and 'Whiskey—the Bane of Humanity.'

"In carrying out this good work, I have been aided materially by the faithful co-operation of my splendid colleague, Mr. Henry B. Mayburry. Through all the years of my felicitous endeavours, Mr. Mayburry has sat upon the stage during my lectures, where I could point to him as a horrible example of the ravages of strong drink. Last week, I regret to say, this sterling young man succumbed to the effects of alcohol and passed on to his reward. Thus, I am left without the benefit of a horrible example for my lectures.

"A mutual friend has suggested your name to me as being peculiarly fitted to succeed to this post which has been left vacant. I can assure you that the work will be congenial and lucrative, and that you will derive greater satisfaction from your occupation as a 'Horrible Example,' than you do at your present arduous duties.

"Please consider this an offer for the vacant post, and if you are interested, kindly communicate with me at your earliest convenience."

★ ★ ★
 ¶ Congratulations, a trifle belated but nonetheless sincere, to Doreen Ruth Simpson of Coniston and John Coleman of Copper Cliff on their triumphs in winning the oratorical championships for Sudbury District! Further congratulations are coming to Doreen Simpson, who went on to compete in the Northern Ontario contest at North Bay and was declared winner. INCO Amateur Night audiences will recall her vividly dramatic readings. Public speaking, apparently, is only one of her accomplishments. She is organist at Coniston Anglican Church, a tap dancing teacher, and news correspondent of The Sudbury Star.

★ ★ ★
 ¶ Jim Hazledon of Copper Cliff time office had a big grin instead of his usual cheery smile for the boys on April 16. That day he and Mrs. Hazledon celebrated their silver



Mrs. George Norman (left) and Mrs. Claire Young, two enthusiastic members of the Cliff Gliders Ski Club, caught by cameraman Paul Queneau on one of the club's cross-country hikes.



Retaining their laurels in Copper Cliff inter-department First Aid competition, Converter No. 1 team again this year won the P. F. McDonald Shield, with eight other squads entered. Tom Crowther was the coach, and the team members, left to right, were: Art Young, Tom Gladstone (captain), Jack Lamacraft (the hard-working C.C.E.B.A. secretary) and E. Severin.

wedding anniversary. Jim was wise in bringing off the important event in the spring instead of during the curling season, because the besom-an'-stane fraternity would probably have taken pleasure in making his celebration an expensive one for him.

★ ★ ★
 ¶ When Robt. Gray invited W. T. Waterbury, Dr. R. B. Harris, and H. Talbot to his Copper Cliff home for a bridge session one night in February, he little knew he was staging a "coming out party" and that he and his fellow-finessers would be four of the season's charming debutantes. Mrs. Gray, an inveterate and highly-capable camera fan, quietly clicked a candid shot of the bridge game in progress, and sent it in to Mayfair, the smart Canadian ladies' magazine, in which it appeared during April. Vieing with the latest dips, curves, and flares in new coats and dresses, the four Cliff bridge stylists acquitted themselves admirably.

Reed Leaves Job Well Done

A wide circle of friends bids regretful farewell to Mr. and Mrs. H. W. Reed, who are leaving Sudbury to make their home in Montreal, where Mr. Reed has been transferred to the head office of C.I.L. as assistant to J. W. Holmes, sales manager, explosives division.

"Bill" Reed has been C.I.L.'s Sudbury manager since 1922, prior to which he was connected with lumbering in New Brunswick, the hardware business in Alberta, the Royal Canadian Mounted Police at Regina and McLeod, and, from 1917 to 1919, the Overseas Conducting Services. In this latter capacity he had an ample share of ocean travel, crossing the Atlantic 32 times.

An ardent hunter and fisherman, "Bill" has always been actively identified with the

Sudbury District Game and Fish Protective Association, but his outstanding contribution to the district's welfare has been his work in the Sudbury Branch of the Canadian Institute of Mining and Metallurgy. As secretary or councillor he has played a prominent part in building up this valuable means of social and instructive contact for the mining men of the district. This year he was a unanimous choice for chairman of the Branch, and it is fitting that when he takes his departure the membership is at an all-time high of more than 475, the largest branch in Canada. "Bill" leaves a big job well down.

At a smoker April 16, the C.I.M.M. members expressed their appreciation of his services by presenting him with a handsome silver tray, suitably engraved. Triangle's photo



shows "Bill" Reed, left, and Acting Chairman J. B. Fyfe exchanging congratulations.

FOR TIGHT CASTINGS

Essential oil-tightness of bronze castings employed on oil-cooled transformers manufactured by the General Electric Company is maintained by alloying standard red bronze with 1½ per cent. nickel.

PARKER CONTEST

(Continued from Page 1)

six points allowed for looking after the comfort of the patient and flexing or straightening his legs as he desired. Copper Cliff was the only squad to get the bystander to place the stretcher under the patient. All teams missed the emptying of the patient's pockets to increase his comfort.

But it was the practice of using poles and bandages for raising the patient while the stretcher was slid underneath him that proved the big stumbling block of the contest. Coniston and Frood were the only teams to capitalize on this opportunity, for which the maximum allowance was 12 points, and had Frood been able to measure up on oral examination as they did with their smooth stretcher work, triumph would have been theirs.

Possible scores were: stretcher, 131; oral, 127; total, 258.

Teams, and their scores as announced at the conclusion of the competition by Mr. Miller, were:

Coniston: O. Lapore, E. Albert, R. Moorehead and Captain W. McKee; stretcher, 94½; oral, 74; total, 168½.

ORCO: G. Furchner, W. McGrath, T. Meehan, and Captain H. Lipscombe; stretcher, 79; oral, 79; total, 158.

Copper Cliff: A. Harrison, L. Aubin, G. Guthrie, and Captain T. Gladstone; stretcher, 82; oral, 74; total, 156.

Creighton: M. Davies, A. Seymour, J. Rountree, and Captain J. H. Stevenson; stretcher, 77; oral 64½; total, 141½.

Frood: R. Rolka, J. Ebby, C. Varney, and Captain A. Wyatt; stretcher, 85; oral, 55; total 140.

Levack: G. Ruller, A. Dawson, F. Church, and Captain J. Page; stretcher, 44; oral, 67; total, 111.

Garson: M. Barber, A. Bowen, S. Spencer, and Captain R. McCauley; stretcher, 52; oral, 53; total, 105.

Inter-Department Shields Are Awarded

First Aid competitions at the various INCO plants continue to increase in size and interest, and the inter-dept. contests this year for the Mutz and McDonald shields resulted in some smart performances.

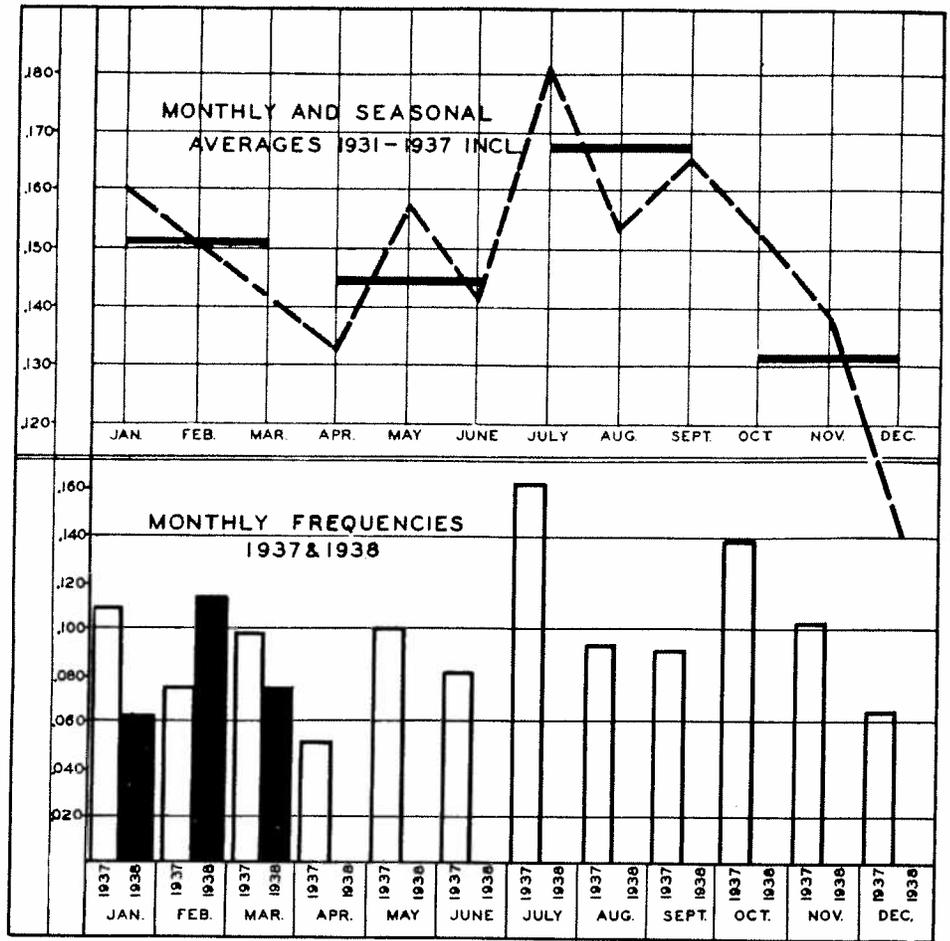
At Creighton four teams entered the lists for the Mutz shield, Surface taking the decision with the following personnel: G. H. Stephenson, (captain), J. Buchanan, J. Rowan-tree, M. Davies. Other teams entered: No. 3 Shaft, A. Seymour, captain; No. 4 Shaft, A. Emblin, captain; No. 5 Shaft, W. Thibeault, captain.

The 2600 Level team won the Mutz shield honors at Frood, with A. Wyatt as captain, and R. Rolka, W. McEwen, and A. Milner. Second place went to 2400 level, with C. Varney as captain, and third to 2200 level with C. Kearney as captain.

NINE TEAMS ENTERED

Copper Cliff had the largest inter-dept. entry this year, nine teams taking part. For the second year in succession Tom Crowther coached Converter No. 1 squad to the championship and the McDonald shield. Tom Gladstone again was the winning captain, and had on his lineup J. Lamacraft, A. Young, and E. Severin. Other teams and their captains: Orford No. 1, J. Aubin; Orford No. 2, J. Ingram; Mechanical, G. Guthrie; Transportation, L. Hasch; Converter No. 2, E. Lawson; Reverb, W. McNeice; Concentrator, K. Shore; Electrical, N. Klodinski.

At Coniston the McDonald shield event brought out six teams, among which first honors went to the Transportation brigade of R. Gustin (captain), Leo Gauthier, A. Hal-



In a new and graphic manner Triangle presents the comparative records of Mining and Smelting Division accident frequencies. Top half of the chart illustrates the average monthly and seasonal frequencies of accidents-per-1000-shifts-worked for the past seven years, and clearly indicates the periods of the year when employees seem most vulnerable to accident hazards. Observing this chart, workers should determine to increase their vigilance at times like mid-summer or mid-winter, when excessive heat and cold apparently breed safety laxity. The bottom half of the chart shows the monthly records for 1938 as compared with comparative periods of 1937. Mining and Smelting Division workers are away to a good start this year with substantial improvements in two of three months.

erson, Joe Deforge. Other teams and their captains: McMullen's Shift, W. Easton; Stevenson's Shift, E. Albert; Mechanical Dept., W. Johnson; Geoffrey's Shift, K. Montgomery; Electrical Dept., A. Sabourin.

Teams Feted By Supporters

ORCO: The Nickel Range Hotel was the scene of an auspicious gathering when some 50 members of the Mechanical Dept. and their guests assembled to do honor to their hockey team, winners of the C. H. Aldrich Trophy for inter-dept. competition, and also to their softball team, first winners of the J. W. Gemmell Trophy for inter-plant competition.

CONGRATULATE TEAMS

After an excellent dinner, Chairman Clark Burlingham welcomed the guests and introduced a snappy program. A sing-song, led by Sam Campbell with Doug McArthur at the piano, made the hotel windows rattle. Matt Bell, accompanied by A. Cresswell, of Coniston, delighted the audience with violin selections, and also acquitted himself admirably as an orator. F. Benard then spoke briefly on the achievements of the two teams, and extended his sincere congratulations.

Pinch-hitting for J. W. Gemmell, who

was unable to be present, R. H. Waddington presented the softball trophy to H. J. "Punch" McDougall, captain of the Shops team, who replied on behalf of his team in his usual fluent and witty style. On behalf of the Employees' Security Association, Paul Coulombe then presented each member of the softball team with a handsome crest, a yellow triangle on a circular black background with the inscription "INCO-ORCO Champs, 1937."

GETS BIG HAND

The chairman then called on Al. Welblund, Mechanical Dept. Superintendent, who was unable to make himself heard until the gathering had sung "For He's a Jolly Good Fellow" followed by three rousing cheers. He expressed his pride in the winning teams, and took the opportunity to present to Bill Otley the shield emblematic of supremacy in Mechanical Dept. singles horse-shoe pitching. Ernie Bedard climaxed a successful evening with his humorous monologue about a backwoods habitant describing his first baseball game.

Port Colborne: Thirty Club members entered the English billiards tournament, although some of them had never before played the game. The handicapping of all players from scratch and behind scratch worked very satisfactorily. The tournament finalists, George Scott (-30) and Vic Phillips (-100) are soon to meet for the championship. Both are getting in some diligent practice.