The Triangle
MARCH 1976

Editor,
Rudolph Kneer, Copper Cliff
Associate Editor,
Les Lewis, Port Colborne

ON THE COVER . . .

Number two shaft headframe of Inco's Shebandowan mining and milling complex, 60 miles west of Thunder Bay, is situated on beautiful Lower Shebandowan Lake, one of Northwestern Ontario's fishing paradise areas. The Shebandowan complex is picturesque as a result of painstaking emphasis on design of all installations to maintain harmony with nature. Photo by George Lucas.

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Prints of most photographs appearing in "the triangle" may be ordered from Dionne Photography, 170 Boland Ave., Sudbury, or call 674-0474. Cost: $3.00 each.

Ashby McC. Sutherland Named Director and Senior Vice-President

Ashby McC. Sutherland of Toronto has been elected a director and senior vice-president of The International Nickel Company of Canada, Limited. The announcement was made by L. Edward Grubb, chairman and chief officer.

ASHBY McC. SUTHERLAND

Mr. Sutherland had been assistant to the chairman since May 1974. Prior to moving to Toronto from Paris in 1972, he directed Inco's activities in France. Mr. Sutherland joined Inco in 1953 as an attorney. He was appointed assistant secretary of The International Nickel Company, Inc. in 1955, and the following year he was named assistant secretary of the parent company, Inco Canada. In 1957, he was appointed general solicitor of both companies. He served as assistant to the chairman of Inco Canada from 1966 to 1970 and was also chief legal officer of the U.S. subsidiary during that period. Subsequently he was a vice-president of Inco Canada, chief legal officer and secretary.

Mr. Sutherland received a Bachelor of Arts degree in economics in 1942 from the University of the South, Sewanee, Tennessee; an Industrial Administrator degree from Harvard University Graduate School of Business Administration in 1943; and a Bachelor of Laws degree from Harvard Law School in 1949.

Appointments

Jeanette Ayotte, programmer, Copper Cliff.

Mike Boyd, area supervisor, employee relations, Copper Cliff copper refinery, Copper Cliff nickel refinery, I.O.R.P.

Judy Campbell, clerk-steno, office services, Copper Cliff.

Raymond Czerkas, geological trainee, mines exploration, Copper Cliff.

John Deacon, survey assistant, utilities, Copper Cliff.

Doug Digby, shift foreman, Copper Cliff nickel refinery.

Ron Ducharme, process assistant, process technology, Copper Cliff.

Erik Fenton, supervisor of hourly job evaluation, Copper Cliff.

Raymond Gates, geological trainee, mines exploration, Copper Cliff.

Cam Gilpin, senior draftsman, maintenance engineering, Copper Cliff.

Donna Halverson, computer operations clerk, Copper Cliff.

Michael Head, assistant to the vice-president, smelting and refining, Copper Cliff.

Al Headrick, area supervisor, employee relations, Levack area.

Mike Humphris, shift foreman, Copper Cliff nickel refinery.

Ron Laamanen, visual aid designer, mines maintenance, Frood mine.

Darcy Laplante, process assistant, Copper Cliff nickel refinery.

Dale Lauzon, secretary, Copper Cliff nickel refinery.

Ron Lilnamaa, survey assistant, utilities, Copper Cliff.

Frank Mailto, security guard, Copper Cliff.

Ron Needham, programmer analyst, Copper Cliff.

Bill Ogilvie, power technician, utilities, Copper Cliff.

Pat O'Hearn, process assistant, process technology, Copper Cliff.

Jeanette Paquette, secretary, process technology, Copper Cliff.

Brian Pearson, operations superintendent, Copper Cliff nickel refinery.

Fay Poff, secretary, I.O.R.P.

Jim Puddy, process assistant, process technology, Copper Cliff smelter.

Jacqui Tohill, senior secretary, public affairs.

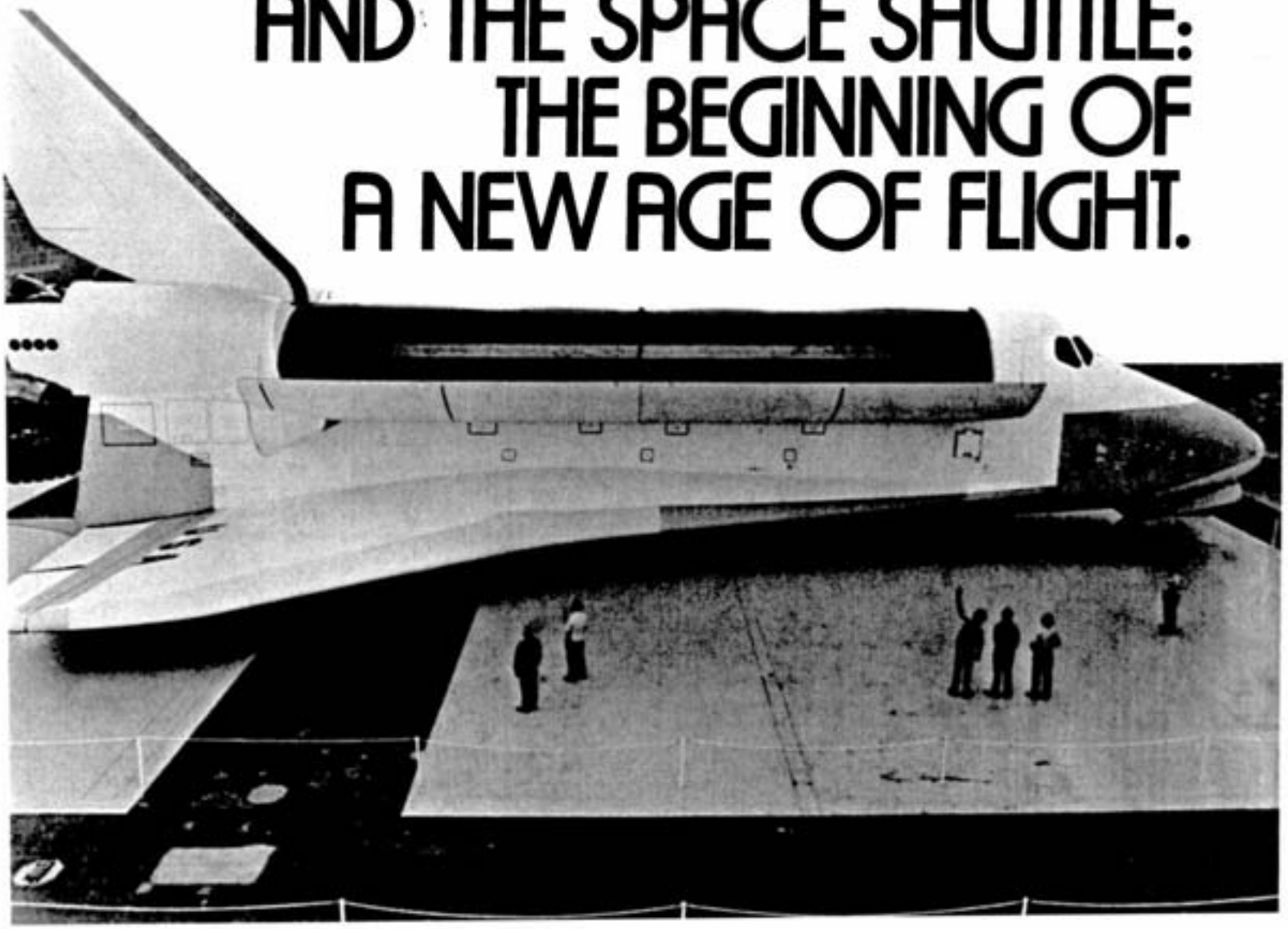
In addition to the great national pride in America generated by our country's efforts in leading the exploration of space, we have benefited by great leaps in technology, new products, and an improved way of life that are direct results of our space program. Without the program, microminiturization of electronic components like hand-held calculators would be years down the road. The improvements we've made in worldwide communications because of satellite relays would not be possible.

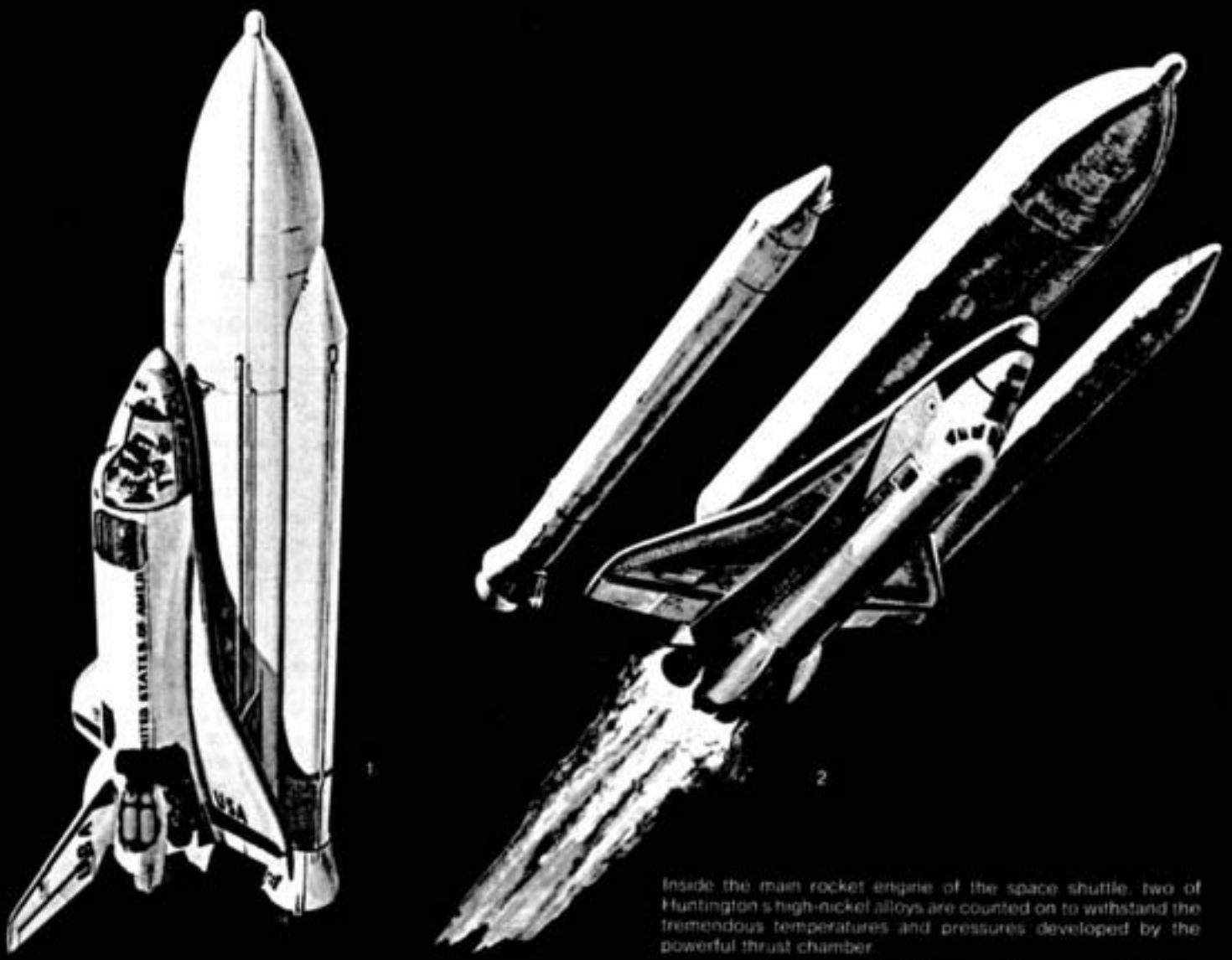
Our nation has made vast strides in weather forecasting through the development of meteorological satellites. Spaceborne, high-resolution cameras in orbiting vehicles are providing photographs and data that help farmers produce high yields. And computers that now control petrochemical plants and design automotive parts owe much of their abilities to the technology of the space program.

We now have compact transmitters for portable EKG machines that help doctors save lives. Small cameras like the astronauts' hand-held versions provide security monitoring systems for banks, schools, and businesses. New materials and fabrics for rescue blankets and recording tape. And more. All because of the space program.

But although we've reaped many benefits from our upward ventures, the surface has been barely scratched. The thing that will open many new doors for us—and is in reality the key to America's bright future in space—is the space shuttle.

HUNTINGTON ALLOYS AND THE SPACE SHUTTLE: THE BEGINNING OF A NEW AGE OF FLIGHT.





Inside the main rocket engine of the space shuttle, two of Huntington's high-nickel alloys are counted on to withstand the tremendous temperatures and pressures developed by the powerful thrust chamber.

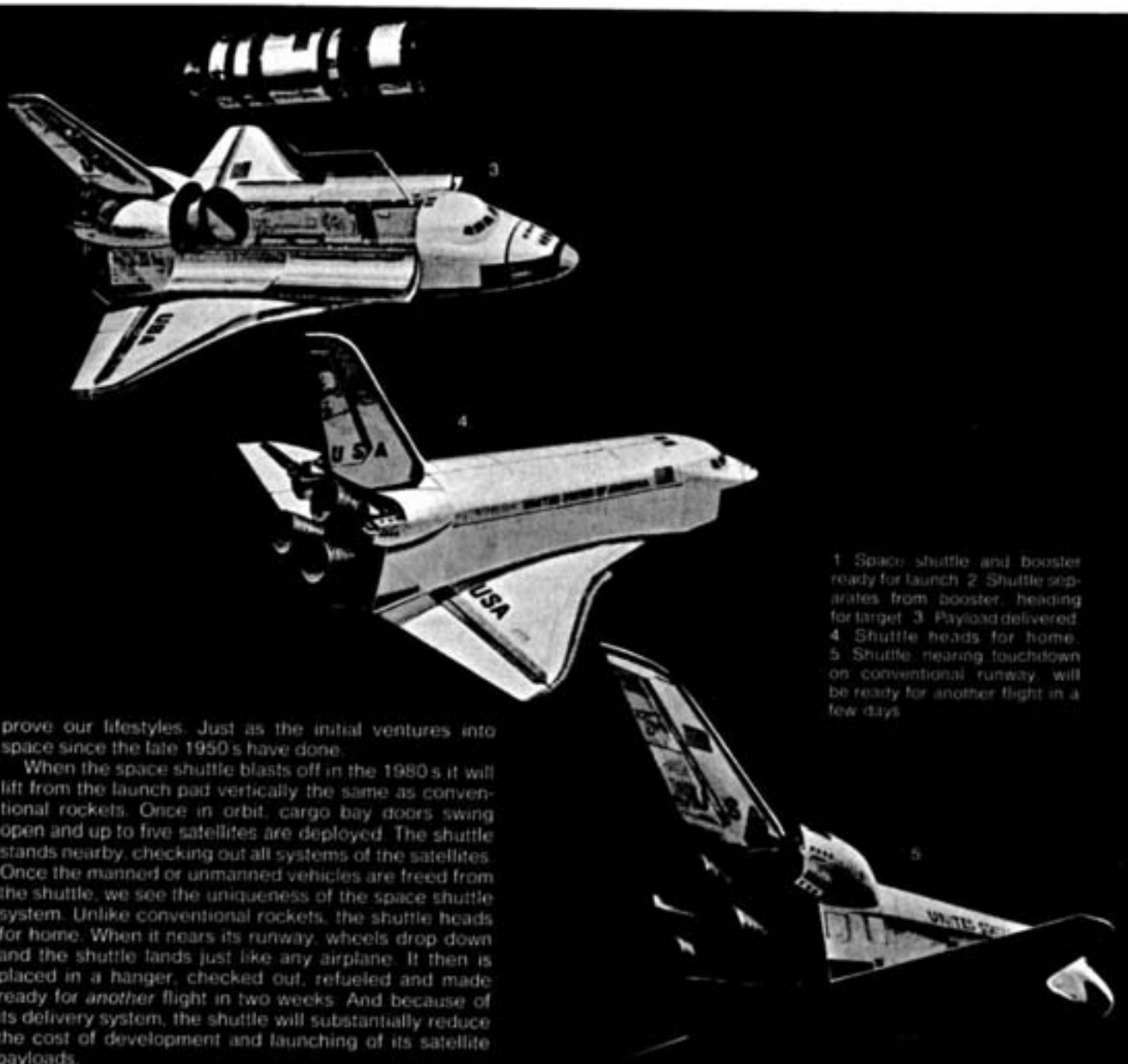
Far-Reaching Benefits of the Program

The space shuttle is the beginning of a new age of flight. It will usher in an era when normally healthy persons may venture into space without the extensive, rigorous physical training now required of the astronauts, just as routinely as catching the 8:40 flight to Chicago. NASA Administrator Dr. James C. Fletcher reports that we will save taxpayers over $1 billion yearly during the 1980-1991 period by using the space shuttle instead of conventional launch vehicles to reach orbit.

But the benefits to the world from space shuttle are much more than a dollar amount. For example, we cannot think of obtaining solar power from collectors in space without the shuttle. We can't hope to tap the potential energy secrets of the stars and sun without improved space observatories launched by the shuttle. On earth, we'll realize better management of our natural resources and protection of our environment through manned and unmanned shuttle-launched instruments and related payloads.

Noted space scientist Dr. Krafft A. Ehricke stated that the annual savings to U.S. taxpayers from long-term weather forecasting—merely one area to benefit from the shuttle—will be $2.7 billion. And as we develop the technology to make these and many other projects possible, our scientists and engineers will offer us thousands of applications and products that will help im-

Photograph courtesy of Rockwell International



1 Space shuttle and booster ready for launch. 2 Shuttle separates from booster, heading for target. 3 Payload delivered. 4 Shuttle heads for home. 5 Shuttle nearing touchdown on conventional runway, will be ready for another flight in a few days.

prove our lifestyles. Just as the initial ventures into space since the late 1950's have done.

When the space shuttle blasts off in the 1980's it will lift from the launch pad vertically the same as conventional rockets. Once in orbit, cargo bay doors swing open and up to five satellites are deployed. The shuttle stands nearby, checking out all systems of the satellites. Once the manned or unmanned vehicles are freed from the shuttle, we see the uniqueness of the space shuttle system. Unlike conventional rockets, the shuttle heads for home. When it nears its runway, wheels drop down and the shuttle lands just like any airplane. It then is placed in a hanger, checked out, refueled and made ready for *another* flight in two weeks. And because of its delivery system, the shuttle will substantially reduce the cost of development and launching of its satellite payloads.

Critical Engine Components Fabricated from High-Nickel Alloys

The heart of the space shuttle is, of course, its main engine: a reusable, high-performance liquid propellant rocket engine that develops 470,000 pounds of thrust. This power plant, the most advanced liquid oxygen/liquid hydrogen engine in the world, is being developed by the Rocketdyne Division of Rockwell International Corp. in Canoga Park, California. Rocketdyne is supplying 27 engines for the testing and development program, another 27 for the actual flight program. The life of each engine is 55 starts, a vast improvement from present engines that boost rockets upward and then plummet into the sea.

Major portions of the space shuttle's main engine are fabricated from high-nickel alloys developed by Huntington. INCONEL* nickel-chromium alloy 718 and INCOLOY* nickel-iron-chromium alloy 903 are used extensively for the main combustion chamber, hot gas manifold (structural backbone of the main engine package) and high pressure oxidizer turbopump because of good strength characteristics and excellent oxidation resistance. These alloys have proven track records in aerospace applications and are being relied upon for these critical components of the space shuttle engine. Our alloys will provide the necessary performance, reliability, and maintainability requirements for the huge thrust-producers, as well as having long-life in this rugged environment so that the shuttle engines may be reused 55 times.

The strength and long-life of Huntington's high-nickel alloys are critical to getting the space shuttle off the ground — and returning it safely to earth. And without the space shuttle NASA's Dr. Fletcher said, "there is no new frontier in space for America. We cannot run spaceship Earth without it."

Pipes and Drums in

"The Pipes and Drums of the Copper Cliff Highlanders of Canada" . . . has a nice sound, don't you think? Well, consider that a play on words, because the group DOES have a nice sound — literally, as well as figuratively.

Past performance speaks for itself: winners of the National Championship in 1964; winners of the Ontario Army Cadet Championship in 1964, 1969, and 1972; participation in the C.N.E. grandstand show in Toronto for 11 consecutive years; a specially-requested performance at the 1972 graduation services of the Ontario Master Cadets at Borden, Ontario — the highest plateau that can be attained.

But this kind of success doesn't just happen. There's a lot of hard work involved, both on the part of the members, and on the part of their director-instructor . . . Captain J. E. (Sam) Laderoute.

Sam was drum major for the group when it first formed in 1951, consisting, at that time, of about a dozen youngsters and pipe major, Bill Livingstone. Bill retired from the Copper Cliff smelter in 1972, while Sam, with 38 years' service under his belt, is tours co-ordinator with Inco's public affairs department in Copper Cliff.

Sam left the Pipes and Drums in 1972, but his interest in working with young people led him to again volunteer his time as of last year; then, just a few weeks ago, he invited "The Triangle" to look in on a practise session. We did, and while THEY worked, WE learned! . . .

The 35 members are between 10 and 19 years of age. And they practise every Monday night from 7 till 10 p.m. at the Copper Cliff Community Hall. In addition, they practise on their own for about an hour every night. Mind you, schoolwork comes first, and Sam keeps in close contact with parents to make sure the one isn't interfering with the other.

But backtracking a bit, here's the basic procedure for new members:

First of all, there's a four-week period for "familiarization". During this time, the youngster is placed in either the rhythm or the melody section. "Rhythm" refers to drumming or piping, while "melody" refers to the actual playing of the Scottish bagpipes. At the end of the four weeks, and following discussions between Sam, the youngster, and the parents, the new member then begins in earnest, and is placed in the section most suitable — either pipes or drums.

The piper starts out on a practise chanter; he learns the basics of theory, movements, and scales; he memorizes his music. Then, depending on his own rate of progress, the pupil could be playing the pipes within six months to a year.

The basic rudiments for drummers are learned on a practise pad and, depending again on personal prowess, the student will then graduate to his instrument which, in this case, is a snare drum.

On practise nights, all members don workdress . . . kilt, leather sporran or purse, black shoes, khaki battle dress tunic, khaki balmoral or tam, the C.C.H. cap badge, Douglas tie and khaki shirt. The Copper Cliff Pipes and Drums wear the Douglas tartan.

Regimental full dress is something else again . . . for the pipers, it's black shoes,

Captain J. E. "Sam" Laderoute "takes to the pipes" during a regular Monday night practise session of the Pipes and Drums of the Copper Cliff Highlanders of Canada.

practice

A workout on practise pads for aspiring drummers. From left, Ted Lang, Tim Bailey and Michael Pollock, with cadet, Scott Greenough lending the necessary expertise.

white spats, a "skean dhu" which is a small black knife tucked in the right stocking, kilt, regimental sporran, green tunic, black waist belt and crossbelt, piper's full plaid, worn on the left, from shoulder to calf, feather bonnet made of ostrich features, with a mauve hackle representing nickel, plus a sterling silver shoulder brooch — the winged heart of Bruce, dating back to the Crusades. Drummers wear the same, with the following exceptions: a belted plaid, a drumsling instead of a crossbelt, and a scarlet, rather than green, tunic.

And there's something else we learned: members of the Pipes and Drums learn more than music. They learn discipline. And responsibility. And respect.

And the meaning of pride.

Wielding practise chanters are, from left, cadets Donald Greenough, Todd Spur, Sean Davis, Tim Newburn, Douglas Goudreau, Malcolm Gilmour, Trevor Bain, and Andrew Buchanan.

Cadet pipe major, Jeff Ortankos, adjusts the pipes of staff sergeant, Bill Weir.

Drill session: front row, from left, Tim Newburn, Donald Greenough, Douglas Goudreau, Trevor Bain. Back row, from left, Todd Spur, Malcolm Gilmour, Andrew Buchanan and Sean Davis.

With 35 years in the purchasing and warehousing department, Ed Desotti, better known as "Slugger", surely knows all the "ins and outs" of inventory control! He's with the cataloguing section and spends his time keeping the master inventory catalogue up-to-date.

Darcy Meehan, left, warehouse foreman at Clarabelle mill, goes through his inventory listing with Bob LeBlanc, material controller.

purchasing & warehousing's

inventory control section . . .

Nick Jarmovitch, expediter, follows through on a request for material. Inventory control's new "total expediting service" means that Nick will make the particular item available either by contacting other warehouses, or by suggesting a purchase be made.

Take 13 buyers making purchases of over $125 million a year from more than 1,700 suppliers, and you've got a pretty good reason for the existence of Inco's purchasing and warehousing (P & W) department.

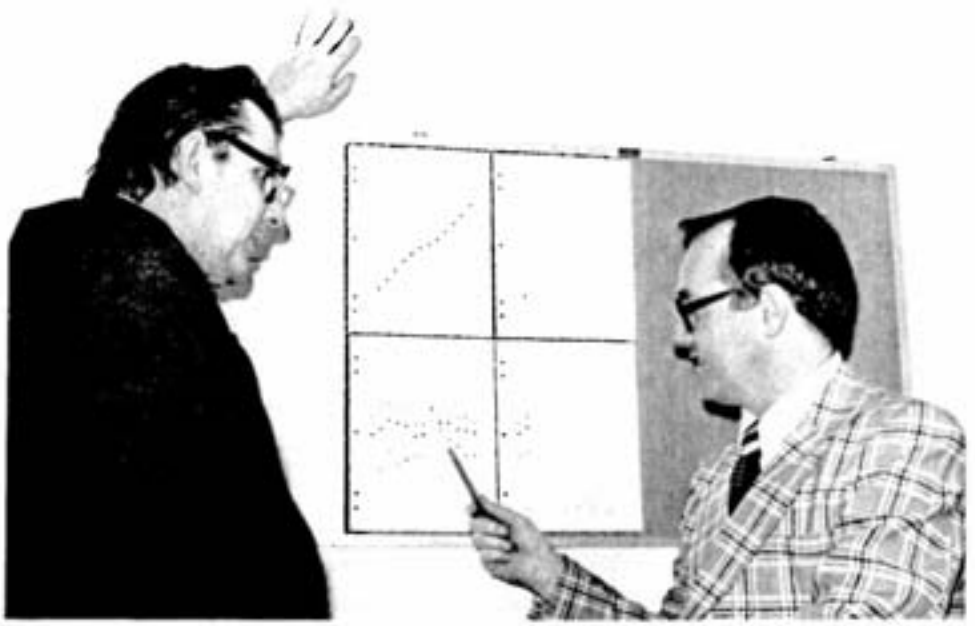
Then take the Ontario Division's running inventory of close to $35 million, representing about 103,000 items that are made available at some 22 locations — and try to keep track of it all! You've THEN got the "raison d'etre" for P & W's "inventory control" section!

Figuring a "triangle" story was in order, we first of all learned that the purchasing and warehousing department, managed by Bill Thorpe, is actually made up of four sections: purchasing, inventory control, warehousing, and surplus disposal. For the time being, we'll zero in on "inventory control".

Peoplewise, the group consists of supervisor, Ron Symington; two inventory control co-ordinators, Brian Hadlow and Lloyd Doucette, and 14 material co-ordinators. Together, they perform four main functions:

Cataloguing: When you're talking 103,000 purchase items, it's only natural to assume that some means of easy identification might be in order. Three "cataloguers" are responsible for keeping a master catalogue up-to-date, and, in addition, there's the multiple task of applying stock code numbers,

Systems analyst Kent Stiles, left, and computer programmer, Joyce Rivet, meet with Henry Nelson, a material controller.



Inventory control co-ordinator Brian Hadlow, left, and Ron Symington, supervisor of the inventory control section, meet regularly to discuss current and upcoming projects. A running inventory of close to $35 million, representing about 103,000 items, keeps them hopping!

reviewing order requirements, and obtaining prices.

Expediting: Comes the time when someone requests an item from a warehouse and it's not in stock . . . three "expediters" MAKE that item available, and a fourth is kept busy anticipating any such "stockout".

Control: There are three full-time control desks, and, in addition, four people involved with special projects. Daily contact with Inco's computer systems ensures that all inventory is accounted for, at all times. The computer updates quantities of stock on hand, warns of impending shortages, and indicates re-order times; data output is checked daily by the control people, who keep the computer up-to-date so that buyers can act accordingly.

Turnover and service: Each year, a target is predetermined as to the number of times our inventory should turn over; for 1975, actual turnover was 2.32, which, quickly calculating, means that the original $35 million in inventory actually represented $81.2 million worth of merchandise going through our warehouses!

Hand in glove with turnover goes the satisfaction of "users" going to a warehouse. Inventory control tries to have the item you need immediately available, but there are times, and valid reasons, why it mightn't be on hand — unusual demand, failure of a supplier to deliver on time, and our own 90 per cent "service level", which means that, on an average, you can immediately obtain $90 out of every $100 worth of material you request. While it'd be kind of nice to fill every request every time, there are just too many variables to consider — and the cost would be astronomical! Why, just to increase the current 90 per cent service level to around 99 per cent would mean an additional investment in inventory of between $30 and $60 million!

While we've covered the basic functions of "inventory control", we've really only just skimmed the surface — but hopefully, it's enough to give the unfamiliar a better insight into the workings of a very intricate and very necessary part of our purchasing and warehousing department.

Alan Kerr, left, and Wally Lamondin, centre, material controllers involved in a special inventory project for 1976, check with Garson mine maintenance superintendent Ted Tuori, to determine which of Garson's warehouse items should be listed as inactive or obsolete.

Big Sister, Little Sister

"How did I get involved? Well, my brother-in-law Gordon Quinn, switchman conductor at Copper Cliff North mine, is a Big Brother, and I saw how much he enjoyed being with his Little Brother. Then I heard about the Big Sisters Association, and I thought, 'why not?' "

Why not, indeed! Donna Moore, a clerk-stenographer in the process technology department at the Iron Ore Recovery Plant, has been a Big Sister for almost a year now. And she loves it!

"I think it's really great! I've had the same Little Sister ever since I became a member, which is really good, because the purpose of the organization is to offer a young girl the chance to further her growth and development through a long-term friendship with a woman she can trust. This means spending a fair amount of time with your Little Sister; being her friend, offering her companionship and guidance."

Founded by a group of concerned community members, the Big Sisters Association is a non-profit organization, governed by a voluntary board of directors.

"They try to match your temperament and personality to that of your prospective Little Sister. Anyway, they matched me up with Lena, and we were off!"

Lena McBride is a very active eight-year-old, with a sharp, inquisitive mind and a passion for food.

"She's very considerate and likes to share things. She's a wonderful little girl, that's for sure, and she's VERY proud to have a Big Sister."

Donna, whose dad, Stephen Moore, is a mechanic at the Copper Cliff copper refinery, recommends that any woman who has a little spare time and enjoys being with children should look into the Big Sisters Association of the Regional Municipality of Sudbury.

Think about it.

A clerk-stenographer at the Iron Ore Recovery Plant, Donna Moore is also a very enthusiastic Big Sister.

In the midst of a school project, young Lena McBridge is quite at home with Donna, who spends as much time as possible with her Little Sister, either shopping, bowling, swimming, or just spending quiet hours watching television and talking.

Nearly 20,000 Callers Have Dialed Inco's HOTLINE

Make HOTLINE a habit
Phone 682-0626 Today!

HOTLINE "another communications line", said the Sudbury Star; "electronic communication on pertinent news items" said CKSO-TV, and CHNO Radio called it "twentieth century communication".

HOTLINE has been in existence only a month, and the three minute recorded message has been listened to by nearly 20 thousand callers.

HOTLINE and its hostess, Dianne Dionne, have presented the weather; the stock market situation; news of industry and community events; company appointments and announcements; agricultural information; works on safety; benefit data and more.

HOTLINE may have been busy when you called since 682-0626 is fast becoming a favorite number in many Sudbury district homes and places of work. The five lines available on a rotary basis sometimes are taxed to the limit. Peak periods have already been established about nine in the morning, just before lunch and until one p.m.; just after five p.m. and again between 7:30 p.m. and nine p.m. There are nearly 100 calls over the "graveyard" time from midnight to seven in the morning.

HOTLINE is available for employees and others who are not on the Sudbury and district telephone exchange, without a long distance charge. The requirement is to phone the operator and ask to be connected to Zenith 10170. No charge will be assessed to your telephone.

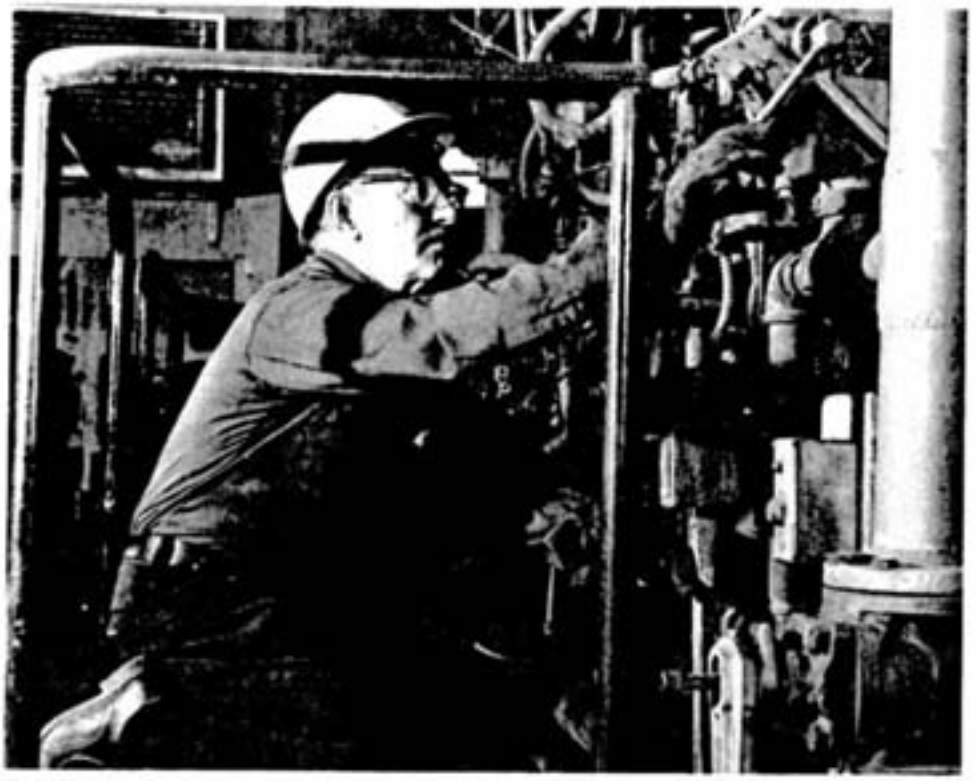
HOTLINE will soon be available to our Port Colborne readers. The Port Colborne numbers will be announced in the next issue of "The Triangle", and the information service will start on April 1st.

HOTLINE is not just for employees, and many of the messages of information are directed to our pensioners in the Sudbury area. Employee, pensioner or just an interested listener you are invited to call HOTLINE.

HOTLINE is changed every day, Sunday through Saturday, with the change taking place just before 9 a.m. Callers can have access to the system at any hour of the day or night by calling 682-0626 in those areas served by the Sudbury exchanges, and Zenith 10170 in those areas outside Sudbury when long distance is required.

HOTLINE will be in Port Colborne in a month. The messages for Port Colborne will be tailored for that centre.

To quote Dianne Dionne, "make HOTLINE a habit".



Starting up an auxiliary boiler is Emile Racine at the Copper Cliff copper refinery. Emile is a third class stationary engineer.

Stationary

Almost everyone is familiar with engineers. You know, they're the people in train engines that "let rip" with deafening blasts from the horn while you're stuck at the railway crossing waiting for the train to go by. Well, get that image out of your mind, because the engineers we're talking about don't have anything to do with trains. They're called stationary engineers.

But their title is a bit of a misnomer. A better name would be stationary equipment engineers. Because it's not the engineers who are stationary, it's their equipment. In fact, Inco's stationary engineers are quite mobile and easily move from one location to another.

Stationary engineers are highly skilled technicians who are required at every mine and plant that has a utilities section. Each engineer is classified into one of four categories or classes. For example, an engineer completing his first set of exams and practical training is presented with his fourth class papers and is referred to as a fourth class stationary engineer.

Each utilities section is given a therm-hour rating, and that rating determines the class of stationary engineer required for its operation. Just for the record, a therm-hour means 100,000 British thermal units per hour or 39.3 brake horsepower. Suffice to say that a Therm-hour is a unit of measurement; the higher it is, the more qualified the operator must be.

Mario Capodagli, third class stationary engineer at the Iron Ore Recovery Plant takes pressure and temperature readings in the control room.

Engineer

Second class stationary engineer Ben Munch makes final adjustments to the speed control of the steam turbine generator at the Iron Ore Recovery Plant.

There are presently two ways of training stationary engineers in the Sudbury district. One is through an Inco training program, which is primarily for upgrading purposes. The second is through full-time courses at Cambrian College. The majority of people are becoming qualified through the 40-week course at Cambrian, which combines practical as well as theoretical training through facilities at the Copper Cliff power lab. The Cambrian program was set up through the joint co-operation of Cambrian and Inco in January 1975. Alf Kaelas, Inco's superintendent of mechanical utilities, acted in an advisory capacity and he is presently chairman of the advisory board to Cambrian.

There are over 200 stationary engineers employed at Inco in the Sudbury District. They operate everything from air compressors to turbine generators. Their prime responsibility is the safe and efficient operation of all utilities equipment.

Stationary engineers are governed by "The Operating Engineers Act," of the Province of Ontario. It's a little blue book, crammed full of regulations that spell out what can and cannot be done according to the law — something like a "rules of the road" for engineers.

So there you have it in a nutshell: the highly demanding and important job of a stationary engineer.

At the number one powerhouse in the Copper Cliff smelter complex is fourth class stationary engineer Tracy Hobden. He's putting the number one compressor on line.

Meet the Tony LaRosa family from Sudbury. Tony is a mechanic with the Copper Cliff maintenance field force. He and wife Teresa have three children, Joe, 16, Richie, 13, and Frankie, seven. They are presently building a summer retreat on Lake Nepewassi.

Both parents of this family from the Port Colborne nickel refinery work for Inco. Danny DeLuca is an iron worker, and his wife, Loretta, is key-tape operator, but they still found time to raise two lovely children, Brandon, two, and Leanna, five.

Family Album

A maintenance mechanic at Garson mine, meet Eugene Kishynski and his wife, Audrey. The whole family loves music, including daughters Cheryl, 19, and Kimberly, 12. Eugene is a music lover and likes to play the violin.

A construction leader at Creighton, Ceasar Schneider and his wife Pauline have three children: Paula, 12, Tyrone, seven, and Dale, five. The family is in front of a wall mural, painted by Ceasar, who also likes to do his own home improvements.

Over $1,800 Awarded to 53 Employees

Adrio Udeschini–$165

This month's suggestion plan saw 53 Ontario division employees collect over $1,800 in bonus money.

Paul Springer, Copper Cliff mill, topped the list by pocketing $200 for his idea to remove the gates and install cross-bars on the test centre Denver cells.

At Copper Cliff North mine, **Adrio Udeschini** picked up $165 for suggesting that the two bottom cylinders be replaced with one cylinder on the 4,000 level grizzly Ho-Ram.

Richard Gratton, Copper Cliff smelter, proposed that one side of the copper car clean-out pit be sloped to allow for easier access with the payloader. Richard received $140 for his idea.

The team of **Adrio Udeschini** and **Cleo Rachon,** Copper Cliff North mine, split $75 for proposing that the flat bar on top of the grizzly I-beam be replaced with round iron. **Roland Cormier,** Clarabelle mill, also pocketed $75 for suggesting that a warning system be installed on the tipple pocket pumps.

Constantine Maragopoulos, Copper Cliff smelter, cashed a $70 cheque for his idea to install a spacer in the Gradall air hammer.

Robert Smethurst, Levack mill, received an award of $50.

At the $40 mark we have **Robert Rosset,** Copper Cliff North mine.

Receiving $30 was **Stan Janakowski,** Copper Cliff North mine.

The following employees received $25 awards: **Ralph Carrier** and **Anti Viitasalo,** Levack mill; **Aurele Beaudry,** Stobie mine; **Charles Bedard,** Copper Cliff smelter; **Guy Bois-Grossiant, Dewaine Garrell,** Shebandowan; **Marcel Giroux,** Stobie mine; **Archie Hogan,** Shebandowan; **Max Lavoie,** Copper Cliff North mine; **Michael Luck,** Clarabelle mill; **Constantine Maragopoulos,** Copper Cliff smelter; **Oliver Simard,** Frood Stobie mill; **Wendell Tait,** Clarabelle Open Pit.

At the $20 mark we have **Felix Strong** and **Leo Landry,** Copper Cliff North mine; **Aurel Beaulieu,** Little Stobie mine; **Raymond Bromley,** Levack mill; **Stephen Dalley,** Shebandowan; **Herman Klitscher,** Clarabelle mill; **Karl Kudla,** Copper Cliff smelter; **Partelow Miner,** Little Stobie mine; **Stan Murray,** Clarabelle mill; **Gerard Rivet,** Copper Cliff smelter; **Albert Simard,** Levack mill.

Receiving $15 awards were **Peter Grant,** Copper Cliff smelter; **Merv Gribbons,** Copper Cliff smelter; **Walter Kienapple,** Copper Cliff smelter; **Wayne Laflamme,** Clarabelle Open Pit; **Stan Murray,** Clarabelle Open Pit; **Gerard Rancourt,** Copper Cliff smelter; **Jim Stillar,** Copper Cliff smelter; **Dan Sweezey,** Clarabelle Open Pit.

At the $10 mark were **Sherry Brouse,** Levack mill; **Donald Marynuk,** Copper Cliff smelter; **Nora Spicer,** Levack mill; **Jim Stillar,** Copper Cliff smelter.

At the Port Colborne nickel refinery, **Shanz Fraracci** connected for two awards this month. The first, worth $100, concerned the method of adding Sodium Thiosulphate to the plating tanks, while the second, good for $50, related to the reinforcing of the FRP standpipes in the pachuca tanks. **Jim Suess** is becoming a regular customer and this time clicked for $85 for suggesting an improved cover for the air cylinders on the chroming tanks in the S Nickel Rounds Building. A suggestion by **Bill Reich,** which prolonged the cable life on the production hoist in the S Nickel Rounds Building, netted him $70. **Charlie Sammut** cashed a $70 cheque for his proposal regarding the piping on the casting wheels on the anode furnaces. $25 safety awards went to **Raymond Cousineau** for submitting improvements at the acid vessel discharging area in the S Nickel Rounds Building and to **Mario Forte** for an improved method of handling nitric acid containers.

NEWSMAKERS . . . NEWSMAKERS . . . NEWSMAKERS . .

Talk about snow removal! It took some fifteen 20-ton trucks and three 8-yard loaders a complete shift to clear the main line to the Copper Cliff slag dump after a recent snow storm. According to **Gerry Bradley** of Inco's transportation department, the regular slag train had to be rerouted during the snow removal operation.

The Copper Cliff mill was the recipient of the 1975 "All Mills Safety Trophy", donated by **Gar Green,** vice-president of mining and milling. Said **Hilton Fowler,** manager of central mills: "A marked improvement was obtained in the 1975 safety performance, however, we're working hard toward an even better showing in 1976." Representing the Copper Cliff mill are, from left, **Michael Korol,** operations; **Robert Allan,** operations; **Gaston Charron,** operations; **Gerry Pidgeon,** assistant mill superintendent; **Jim Gamey,** maintenance superintendent, central mills; **Medrick Ogden,** operations; **Albert Rawlyk,** maintenance; **Rajko Ermenc,** maintenance; and **Boyd Skiffington,** maintenance.

For their 30th annual production, the Port Colborne Operatic Society will be presenting "Camelot", the Broadway musical about King Arthur and the legendary Knights of the Round Table. Rehearsals, which started five months ago at the Inco Recreation Club, are now receiving their final polish for the opening curtain on March 5 at the Lockview Park Secondary School. The show will run through March 13. Heading the cast is **Ed Kalaillieff** as King Arthur; **Jane Little** as Queen Guinevere; **Brian O'Rourke** as Sir Lancelot; **George Strath** as King Pellinore; **Ken Gibbons** as Mordred, and **Laine Ehrhardt** as Morgan Lefey. As usual, Designer **Jim Crawford,** left, of the Port Colborne nickel refinery, succeeded in creating the magnitude of courtly Camelot with his impressive set designs. Inspecting one of Jim's creations here is stage manager **Fred Butler,** also an employee of the Port Colborne nickel refinery.

"Joseph P. Miller, you are a great foreman."

NEWSMAKERS . . . NEWSMAKERS . . . NEWSMAKERS . . .

Winter needn't be a period of relative inactivity for northern fishermen. For a certain hardy breed, including **Jimmy Haggerty,** above, and **Bert Eden,** below, pipefitters at the Port Colborne nickel refinery, ice fishing will shorten the dragging months between freeze-up and ice-out. Monofilament line is favored by most anglers, but Bert and Jim prefer fly line, with the addition of a monofilament leader. According to Bert, "It's strong, seldom tangles, resists freezing and will endure indefinitely." "Ice fishing is a wait-and-watch game and can become pretty cold on the hands", they both agree, but "with a small charcoal burner, a windbreak and some type of liquid refreshment, it becomes great therapy as a change of pace to the hustle-bustle of everyday living!"

Ron Taylor, Inco Ontario Division president, recently announced a company pledge of $300,000 in support of a new degree program in engineering at Laurentian University. The pledge followed the kick-off of the campaign, headed by **Norm Wadge,** executive director of the Ontario Mining Association, to raise $600,000 from industry to support the new degree courses in mining and mineral processing at Laurentian. This will be the first complete program for mining and mineral process engineering available in Northern Ontario. With Ron Taylor, left, are Norm Wadge, centre, chairman of the fund raising committee, and **Dr. Andy Tombalakian,** director of Laurentian's school of engineering.

Ontario's Minister of Health, **Frank Miller,** recently brought his "cost cutting" program to the Sudbury district, and in particular to Copper Cliff, where the minister announced the closing of the 64-year-old Copper Cliff hospital. Mr. Miller told local news reporters **Jim Thomson,** centre, of CHNO, and **Anita Thompson,** right, of CKNC-TV, that the hospital would not close until sufficient bed space was found in Laurentian Hospital to accommodate the patients in Inco's 38-bed facilty. He also said that his department would work with the hospital and company towards the establishment of a "medical clinic" in Copper Cliff, that would give residents in this area doctor service, a continuation of the dental surgery service and the outpatient service now carried out by the hospital. Company and hospital officials discussed with the minister the reasoning for closing the Copper Cliff facility which boasts the lowest cost per bed-day in the Sudbury area, and the manner in which staff at the facilty were informed of the pending closure. Mr. Miller stated that his department would show marked savings by utilizing more fully the facilities at Laurentian. He also said that he had only informed the M.P.P. for the area prior to coming to Sudbury, and therefore could not say how the matter had been "leaked" to the news media in Sudbury.

NEWSMAKERS . . . NEWSMAKERS . . . NEWSMAKERS . .

When it comes to keeping an audience spellbound, leave it up to **Dr. Ken Hedges,** Inco's newly appointed medical director. Addressing a capacity-crowd gathering at the January meeting of the Sudbury Branch of the Canadian Institute of Mining and Metallurgy, Ken's address covered the British Trans-Arctic Expedition of which he was a member. Pictured with Ken, centre, are, left, **Norm Creet,** manager of maintenance, mines and mills, and **Charlie Hews,** vice-president of administrative and engineering services.

Checking over a computerized print-out of work order charges are **Frank King,** sales tax clerk, left, and **Ron Heale,** supervisor of Inco's sales tax and customs section of the Division Controller's department. Print-outs of purchases are received on a monthly basis and determine sales tax liabilities. Annually, Inco pays millions of dollars in sales taxes to both provincial and federal governments.

Mining methods and equipment are continually being streamlined to fit the need for safer and more productive ways to do the job. This newly developed scissor-lift truck, recently supplied to Creighton mine, features a scissor-lift deck, 6 feet wide by 12 feet long, which can be raised to a height of nearly 9 feet above the ground by means of two four-inch diameter hydraulic cylinders. Drillers **Lloyd Olson,** left, and **Rick Gervis,** are in the process of bolting the back of a development heading from the 2,000-pound capacity deck of the new diesel-powered unit. "Its applications are numerous", says **Len Kitchener,** Inco's mines equipment engineer. "It can be used for installing ventilation, air and water pipes as well as bolting and screening in development headings and stopes. Not only does it replace cumbersome stagings, but it also reduces the need for roofbolting from muck piles."

The symbol of both the Winter and Summer Ontario Games is a torch which burns throughout the competitions, symbolizing the spirit and dedication of the athletes competing for provincial honors. Donated by Inco's Ontario Division on behalf of the citizens of Sudbury, it is called the "Ontario Torch." It was first presented by Ontario Division president **Ron Taylor** during the 1974 Summer Games held at Laurentian University in Sudbury. It was recently in for renovations at the Copper Cliff machine shop where it was reassembled and machined. Fabricated of type 316 nickel stainless steel, it stands eight feet high, weighs 880 pounds and is fueled by propane gas. Putting the finishing touches on the torch are machinist **Henry Lewandoski,** right, and **Richard St. Denis,** apprentice machinist.

NEWSMAKERS . . . NEWSMAKERS . . . NEWSMAKERS . . .

Who says that driving a truck is man's work? This picture proves **Jeanette Schaaf** is as capable as any man of handling the controls of this 3-ton truck! Along with two other girls, Jeanette joined the Shebandowan mine yard crew during the latter part of last year.

* * *

The last day of January witnessed a major blast at Inco's Crean Hill mine, displacing some 206,000 tons of ore from the open pit bottom down to the 500-foot level. It was the final successful blast in a series designed to remove the main orebody from surface to 500 level. According to mine engineer **George Reed,** the blast required 163,000 pounds of explosives, and careful sequencing was required as drilling and charging had taken place on four separate levels and involved both "in-the-hole" and conventional "long hole" drilling. Initial planning by the Crean Hill mines engineering group and excellent co-operation between engineering and operating personnel resulted in the successful completion of the project.

* * *

Barry Third, right, second year student in the RTV program at Canadore College of Applied Arts and Technology, North Bay, recently accepted a $100 Inco bursary. The yearly award, based on academic achievement and need, was presented to Barry by **Hugh Judges,** Ontario Division planner.

That's one of the new Anfo loading tractors, now making its appearance at a number of Inco mines in the Sudbury district. The unit boasts a 1,000-pound capacity loading tank, complete with two remote-controlled Anfo (ammonium nitrate blasting agent) loading hoses. According to Creighton mine superintendent **Ted Flanagan,** the new units make for faster and more efficient loading and cut down on waste and spillage. Loading "the face" in a Creighton number three shaft development heading here are drillers **Danny Hood** and **Gerry Lavallie.** The unit comes equipped with a 52 h.p. diesel engine and features an extendable platform which permits easier access to the face, thereby eliminating the use of ladders. In addition to loading large development faces, the units are being used for the loading of "uppers" in cut-and-fill stopes.

Your calls are invited to the

Inco Hotline — 682-0626

Keep up-to-date on company news, appointments, safety, weather, company benefits, etc.

for out-of-town calls dial your operator and ask for Zenith 10170

NEWSMAKERS . . . NEWSMAKERS . . . NEWSMAKERS . .

Moving a 111-ton transformer from Copper Cliff to Frood mine is no easy undertaking, especially when one has to cope with icy roads and sub-zero temperatures. As usual, Inco's transportation department mastered the delicate task one recent Sunday. Says **Ray Huhtala,** supervisor of rental equipment: "It was quite a tall order, what with negotiating grades of up to 15 per cent, but we had experts on the job and successfully managed to conclude the move in record time."

Mark Gray, a co-op student in his second work term with Inco's maintenance engineering group, was one of the many employees of the general engineering and geology department who turned out for the Red Cross blood donor clinic recently. Adjusting the tube is **Mrs. Peggy Hatch,** a Red Cross volunteer. Peggy's husband, Jim, is with the industrial engineering group in Copper Cliff. **Anna Dunkley,** another Red Cross volunteer, and wife of Copper Cliff nickel refinery's manager **Chris Dunkley,** takes time out to chat with donors. **Margaret Marcotte,** left, and **Sandy Miles,** general engineering stenographers. This clinic was organized by **Al Higgins,** supervisor of non-destructive testing.

Televised over CKSO television recently and produced by the Cambrian Broadcasting System and the Laurentian University Players in co-operation with Inco, the two-hour special presentation of **"Tomorrow We'll Weep With The Sky"** took months of preparations and rehearsals and has resulted in one of the most exciting locally-produced programs. This scene shows, from left, actors **Ron Tough,** as Max; **Luc Corbeil,** as Greg; **Chris Waite,** as Sandra, with back to camera; **Dale Runnels,** as Katherine; and **Janet Mays,** as Betty. The play centres on the trauma, frustrations and fear caused when an only child considers leaving home.

Booklet Available

The Mining Association of Canada has recently published a **"Statement of Concern"** regarding the present state of Canada's economy. Free copies in English and French are available on request by writing to The Mining Association of Canada, 20 Toronto Street, Toronto 210, Ontario.

NEWSMAKERS . . . NEWSMAKERS . . . NEWSMAKERS . . .

If you are around the general office building in Copper Cliff these days you'll most likely see **Joe Barnes,** from the services section of the transportation department hard at work clearing snow. Joe is responsible for clearing the sidewalks and steps of the general office and process technology buildings. With the help of an eight-horsepower snowblower, Joe manages to keep everything clear and sanded. "It's a never ending battle against the snow and wind," says Joe. "You just get one walk cleared, and the snow starts drifting across another."

Jim Parlee, retired vice-chairman of Inco, left, was the guest of honor at the first Inco Quarter Century Club meeting in Indonesia, held recently at Soroako, on the island of Sulawesi. With Jim are **Lloyd Johns** and **Stan Germa,** founding members of the Indonesian chapter. The two joined Inco in 1941, with Lloyd starting at the Frood mine and Stan at the Copper Cliff smelter. They are now senior members of the maintenance department of Inco's majority-owned subsidiary, P.T. International Nickel Indonesia, which is developing nickel deposits near Soroako. In his address, the retired vice-chairman congratulated the Indonesian and expatriate members of the P.T. Inco team on the remarkable progress the project had made to date and complimented them on their contribution towards achieving the company's objectives.

South mine services foreman **John Leonard,** left, points out the wear mark on this ST8 scooptram tire to load-haul-dump operator **Blaise Boisvert.** "In all cases, if a tire is worn past this mark", says John, "the tire will be damaged beyond repair and cannot be retreaded. Under normal operating conditions, our average tire is retreaded five times. Naturally, the re-capping of our tires is essential in order to keep tire costs under control."

George Prusila, right, and **Joseph Kaksonen** look over an old miner's hat, complete with candle, at a recent historical display, held at Sudbury Secondary School. George works out of the Frood machine shop and is vice-president of the Sudbury and District Historical Society and Joseph retired from Inco in 1973 after 30 years of service. "I can recall my father having a hat like this," said Joe, "but when I started mining, we used carbide lamps and thought that they were the greatest! The only thing you had to be careful about, was keeping the flame lit after a blast. The shock waves usually blew the flame out." George says anyone interested in joining the Sudbury Historical Society or donating anything should give him a call at 560-0459.

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That radiant smile belongs to pretty **Nancy Jane Newburn,** 14, of Copper Cliff, the daughter of **Tom Newburn,** assistant division controller. Nancy Jane was elected a "princess" during the recent beauty queen contest in connection with the third annual Sudbury and District Winter Carnival. The talented youngster is a student at Copper Cliff High.

Jock Eadie, centre, storeman at Creighton mine, is all smiles as he accepts a $500 donation for his newly formed Lively-Walden pipe and kilt band from **Pat Poland,** left, Creighton mine employee relations representative, and storeman **Brent Pollock.** According to Brent, a member of Creighton's pop fund committee, the donation represents part of the profits of pop machine sales at the mine site throughout the past few months. Smiled Jock: "We can sure use the money, and I wish to thank all the boys at Creighton for their kind consideration."

The employee benefits department, in a continuing effort to explain company benefits to staff personnel, is visiting various Inco facilities to inform employees about their benefits package. Benefits supervisor **Frank Homer** is proud of the company package. "I think that we have one of the best benefit plans in industry," says Frank, "and we will be happy to explain everything about the plan to anyone interested. Just give us a call at 682-4438." In the picture at right, employee benefits counsellor **George MacMaster** explains company benefits to a group at Creighton mine.

An **"In-the-Hole" drill,** now a familiar sight at most Inco Mines in the Sudbury district, has recently been introduced at Shebandowan mine where it will be utilized to drill drainholes at different levels throughout the mine. The unit is capable of drilling some 50 or more feet of 6½-inch diameter hole in a single shift.

Be Thankful for Your Troubles

Be thankful for the troubles of your job. They provide about half your income, because if it were not for the things that go wrong, the difficult people you have to deal with, and the problems and unpleasantness of your working day, someone could be found to handle your job for half of what you are being paid.

It takes intelligence, resourcefulness, patience, tact and courage to meet the troubles of any job. That is why you hold your present job.

If all of us would start to look for more troubles and learn to handle them cheerfully, and with good judgment as opportunities rather than irritations, we would find ourselves getting ahead at a surprising rate, for it is a fact that there are plenty of big jobs waiting for men who aren't afraid of the troubles connected with them.

NEWSMAKERS . . . NEWSMAKERS . . . NEWSMAKERS . . .

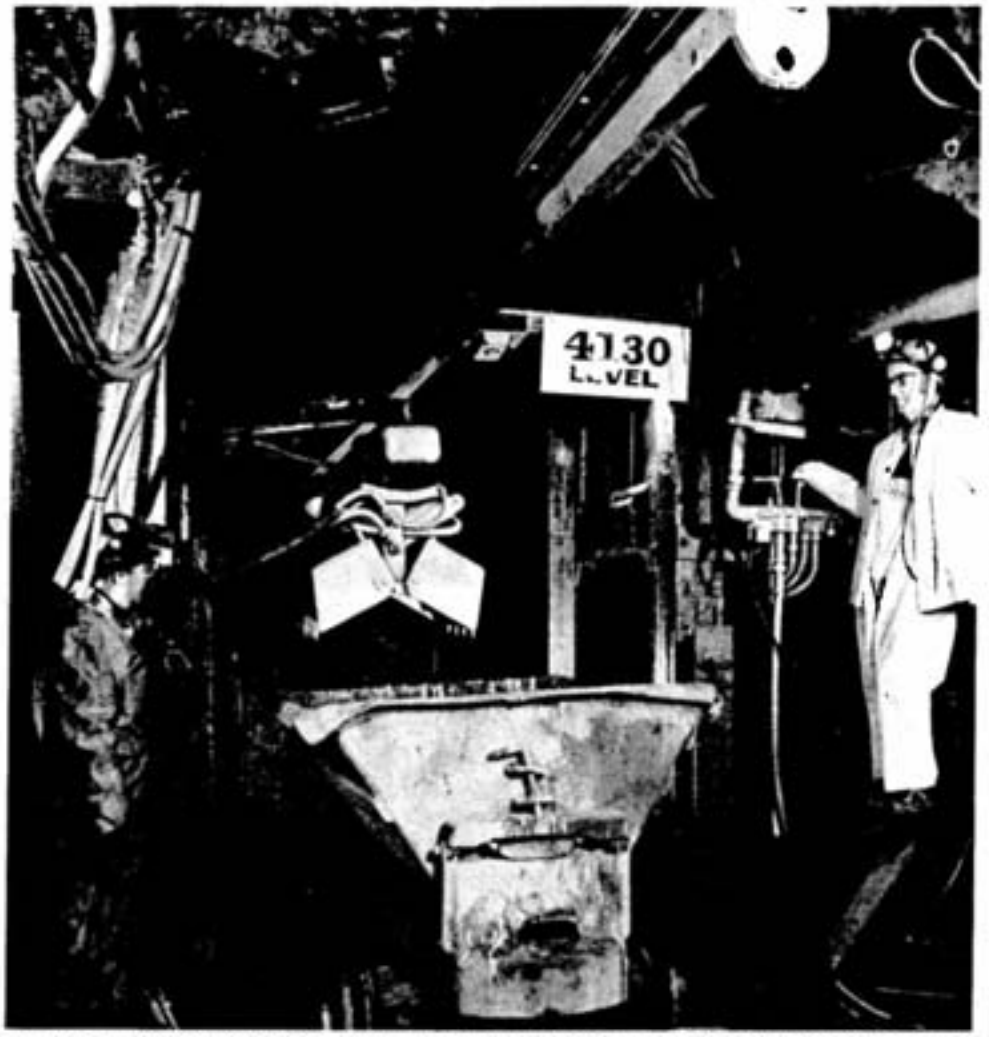
Inco employees and their friends gathered recently at the Hardy Curling Club for a two-day spiel. Organized by **Louise Besserer,** clerk-steno, Levack mine maintenance department, the event saw 21 rinks participating. Top honors went to the Bob Mornan rink. Pictured with Louise Besserer, centre, are **Ruth Mornan,** vice; **Jim Kuzniar,** second; **Bob Mornan,** skip; **Kay Kuzniar,** lead. The bonspiel was a first for the area, and due to its success and the enthusiasm of the participants, it is hoped to be on the agenda as an annual event.

Eight members of the Richard Dopson family, of Copper Cliff, were recently initiated as associate members of the Copper Cliff Branch of the Royal Canadian Legion by **Robert D. McChesney,** Dominion president, of Kirkland Lake. They are, from left, **Holly, Bill, Rickl, Michael, Valerie, Mrs. Dorothy Dopson, Patric** and **Susanne.** Standing next to the Dominion president, right, is Legion member **Richard Dopson.** Richard is a general foreman with the central shops in Copper Cliff.

These are the members of the "Walden Atoms" hockey team, now in their second successful season. They are, bottom row, left to right: **Bobby Naponse, Sean Evoy, Robby Matheson, Glen Fordy, Andy Morin.** Second row, trainer **Les Taylor, Barry Petathegoose, Craig Duncanson, Joe Santi, Mike Nadjiwon, Don Dewulf, Dougie Nootchtai.** Back row: **Brent Wisniewski, Billy Fordy, Ronnie Renaud, Shayne Wisniewski, Daran Moxam, Steven Narasnek,** manager **Bill McLaughlin** and coach **Doug McLaughlin.**

Lady curlers from across Ontario, in Sudbury for the MacDonald Lassie Curling Championship playoffs, were hosted at the Copper Cliff Club while in town. Highlight of the evening was "The Address to the Haggis", recited by Inco's **Alex Gray.** Tour co-ordinator **Sam Laderoute** did the honors with the bag pipes. The ladies were also royally entertained by **Sandy Cherry,** a popular performer from Winnipeg.

NEWSMAKERS . . . NEWSMAKERS . . . NEWSMAKERS . .



This shaft bottom mucking clam, located at the 4130 level of Copper Cliff North mine, is the brainchild of shaft inspector **Herman Labelle,** right. Contrary to the old method of cleaning the shaft bottom with shovels and pails, this mucking clam loads one "Hudson" car in approximately five minutes, a job that previously required a crew of five men over a period of four hours. It is noteworthy that the idea of the mucking clam won a $2,700 suggestion award for Herman and Copper Cliff North mine's **Albert Ouellet.** Pictured on the left is shaft inspector **Jack Kennedy.**

Dispatcher **Cec Giroux** and truck driver **Albert Ackland** check over a way-bill at the dispatcher's office at the Copper Cliff smelter. The dispatcher receives trucking requests from the shops and plants, and schedules vehicles accordingly. On the average, 40 to 50 vehicles are dispatched during the day by two dispatchers, using short wave radio, Bell lines and interplant phones. Part of the dispatcher's job is to weigh trucks leaving the smelter complex to keep track of material inventory. In addition to the trucks carrying equipment and material, the dispatcher also arranges for transportation of Inco personnel in the field. For instance, instrument technicians are constantly travelling from one area to another to ensure that equipment is kept on line.

Minor hockey night for the Port Colborne area was recently held in the West Side Arena. Sponsored by the Lions Club to stimulate interest in minor hockey, the event brought out a large number of fans, mostly parents, to watch the young fry perform. Pictured are four budding NHL superstars, from left, **Clay Mitchell, Chad Sibley, Scott Marr** and **Jeff Sesto.** Scott's dad, Don, is a welder in the mechanical department, while Jeff's "pop", George, is an intermediate shift operator in number one research station.

Millions Paid by Inco In Family Health Care

The annual saving to International Nickel employees and pensioners by the umbrella of health protection paid for by the Company runs into millions of dollars. In the Sudbury area alone, Inco paid $9,890,700 in health care premiums in 1975. This protection is part of what is recognized as one of the broadest and finest employee benefit programs provided by any Canadian employer.

For instance, claims filed last year under the Blue Cross Prescription Drug Plan by Inco employees and pensioners in the Sudbury area represented a total expense to the Company of $2,233,000. The only cost to the individual was 35 cents for each prescription filled by the pharmacist, including drugs, serum, injectibles, insulin and diabetic supplies prescribed by a medical doctor. Covered by this plan are the employee, his wife, and all his unmarried, unemployed children up to the age of 21, as well as pensioners and their wives. There are no exclusions because of existing or pre-existing health conditions.

Premium costs for OHIP, including semi-private, amounted to $5,670,300, while in excess of $1,982,000 were paid for the dental plan premiums.

NEWSMAKERS . . . NEWSMAKERS . . . NEWSMAKERS . . .

Sign painter **Moreley Riley** adds the finishing touches to a cribbage board, one of the many manufactured at Creighton mine for those going on pension. "It is a most welcome gift for our pensioners," says **Ron Brown,** area manager, pointing out that the idea for the much-prized boards was developed by local craftsmen. Quipped **Bill Lockman,** who is pictured varnishing one of the cribbage boards, "Not only do the boys appreciate them, but I know of a number of our recent pensioners who have taken up the game of cribbage, and they enjoy every minute of it!"

Following a winter of daily noon-hour practice sessions in the recreation club, **Bob Browne,** left, and **Gene Winter,** right, issued a challenge to take on anyone disputing their claim to the badminton championship of the Port Colborne nickel refinery. Accepting the challenge was the unlikely team of **Rick Hilton,** second from left, a comparative newcomer to the game, and old veteran, **Bill Kantymir,** who came out of retirement for the encounter. When asked the results of the contest, Bob answered with a terse "no comment", while Gene Winter was observed intently scanning the fitness posters on the office bulletin board . . .

* * *

Duplicate cards are available

This is a reminder to those who have lost their Blue Cross identifications for prescription drugs, dental or semi-private ward care. Duplicates are available from the Employee Benefits office. Phone 682-4438.

Another shipment of ore is being readied at Crean Hill mine for transfer by rail to Copper Cliff. Crean Hill is located some 23 miles west of Copper Cliff.

NEWSMAKERS . . . NEWSMAKERS . . . NEWSMAKERS . .

That happy smile belongs to **Ronnie Renaud,** second from left, who is admiring a plaque and an autographed hockey stick which were presented to him by members of his hockey team, the "Walden Atoms". Ronnie's father, **Gerry Renaud,** recently accepted a posting with Inco Indonesia and Ronnie, although delighted about the prospect of moving to another country, bid a hesitant "farewell" to his teammates. With him, from left, are **Glen Fordy, Sean Evoy** and **Craig Duncanson.** Said **Bill McLaughlin,** a rigger at Creighton mine and manager of the team, while making the presentation: "Ronnie is a fine hockey player and a real good sport; naturally, we are sad to see him leave."

* * *

The old adage that a picture is worth a thousand words certainly holds true for this photograph which was taken just recently outside a Copper Cliff restaurant . . .

* * *

Remember our cover last month? **John Kozlich** and his "Miniature Schnauzers"? And remember the baby puppies shown in the story? Well, they're growing up! John stopped by the "triangle" office to show us a picture of the pups' progress, and we thought you'd get a kick out of them. Named after mining terms, they are "Dyn-o-mite", "Short Fuse", and "Powder Keg". Which is which? Well, John says they're shown left to right, but how on earth can he tell?!

* * *

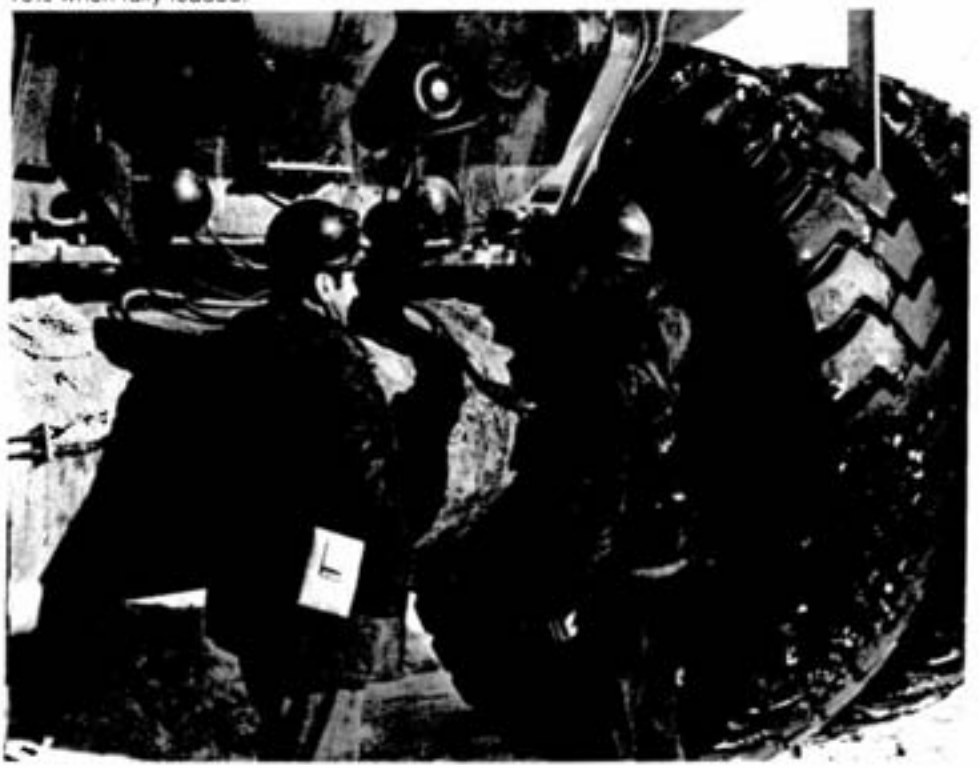
After 43 years of service, fire inspector **Don Bray** recently took his retirement. The girls in the Copper Cliff safety office, where Don worked, couldn't let him get away without a farewell party. So they pitched in and bought him a fire hydrant decanter filled with the appropriate thirst-quenching liquid. With Don are, from left, **Suzanne Racicot, Janet Kenyon, Laura Dinero, Brenda Todhunter** and **Bernice Larouche.** "I'm just going to take it easy and let things come as they may," quipped Don.

A banquet was held recently to honor the shift at the Clarabelle mill with the best safety record in 1975. The 20-man winning shift had only one reported accident during the entire year — a significant achievement! Each man on the shift received a certificate commending them for their outstanding safety record. Shift foreman **Bud Uttley** was very proud of his men. "It was a team effort," said Bud, "I hope we can have a repeat performance in 1976." Looking over their trophy are, from left, shift representatives **Barry Steinke,** operations; **Hilton Fowler,** manager, central mills; **Roland Daoust,** operations; **Bud Uttley,** shift foreman; and **Leo Dignard,** operations.

NEWSMAKERS . . . NEWSMAKERS . . . NEWSMAKERS . . .

That's **"Mucker Mac"** a creation by Creighton mine sign painter **Moreley Rlley.** "I wanted to put some life into our safety posters", said Moreley, "so I came up with Mucker Mac. Wherever possible, he'll be incorporated in our safety signs and displays." Moreley says the response has been most encouraging. "Aside from the odd comment about Mac's pencil-sharp mustache and his paunchy circumference, the boys at the mine have taken very kindly to him."

That's one of the new 75-ton capacity haulage trucks, now making its appearance at the Clarabelle Open Pit. Purchased at a cost of $275,000 each, a total of eight will be in service within the next few weeks. Equipped with a 4-cycle, 12-cylinder engine, the trucks weigh 101,000 pounds when empty and feature a box volume of 50 cubic yards. Standing back of the gear housing are two Inco electricians, **Larry Fleldlng,** left, and **Peter Zellnsky,** dwarfed by tires that cost $3,400 each. The trucks are capable of travelling 7 mph on a gradient of 10% when fully loaded.

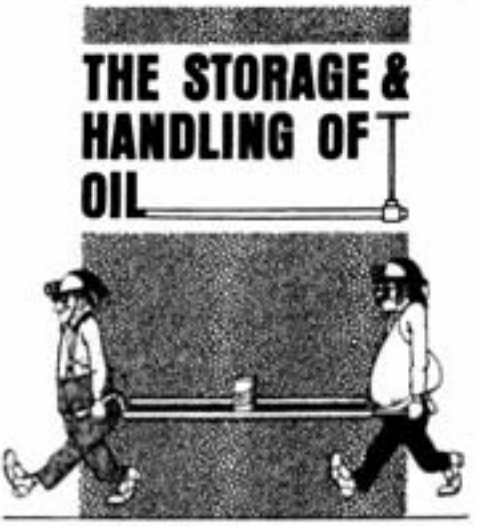


NEWSMAKERS . . . NEWSMAKERS . . . NEWSMAKERS . .

Louis Renzoni was honored at a recent banquet, held at the University of Sudbury. Dr. Renzoni, Inco Canada vice-president, received a certificate of merit, presented to him by the Consul of Italy, **Dr. Giovanni Ceruti,** from the Dante Alighieri Society of Rome. Looking over his certificate are, from left, **Dr. Roberto Grosso,** honorary chairman of the Dante Alighieri Society, **Dr. Louis Renzoni, Dr. Giovanni Ceruti,** Consul of Italy, and professor **Franco Bugada,** president of the Dante Alighieri Society of the University of Sudbury.

* * *

It's "back to school" for Shebandowan mine foreman **Clyde Rohn,** left, and maintenance foreman **Peter Chalmers.** They are only two of twenty Shebandowan complex supervisors who are presently taking the 40-hour course, "Fundamentals of Supervision." The Shebandowan training facilities are new, and the classes are being held in a trailer complex that has been renovated and remodelled for training purposes.



When it comes to producing manuals and other pertinent information on the proper handling of equipment and the application of standard procedures at Inco mines, leave it up to the central mines training department, located at Stobie mine. This brochure, outlining the storage and handling of oil, is but one of the numerous booklets published by the group. Says mines training co-ordinator **Gerold Heinze:** "There are few functions, if any, that have not been covered by our group. You name any particular job, and I'm sure we have it covered with the proper procedural write-up."

* * *

Peter Souter, left, Inco's manager of industrial engineering, recently joined Sault Ste. Marie mayor **Nicholas Trbovich** for the official opening ceremonies of the "Ontario Winter Games", held at Sault Ste. Marie, by lighting the "Ontario Torch", donated by Inco on behalf of the citizens of Sudbury. The torch burned throughout the competitions, symbolizing the spirit and dedication of athletes competing for provincial honors.

NEWSMAKERS . . . NEWSMAKERS . . . NEWSMAKERS . . .

Preliminary safety competitions were held for all Inco Ontario Division mines and plants recently. Typical of most was the "B" competition for the Copper Cliff nickel refinery, held at the Copper Cliff Community Centre. Treating simulated injuries of two victims of a "curling accident" in the above picture are members of the electrical maintenance department. Tending "injuries" sustained by victim **Art Lebel,** are, from left, **Dermott Kinsella, Greg Nault** and **Jack Parry.** Similar competitions were also underway at the Port Colborne nickel refinery. An elaborate setup at the Port Colborne club had the gymnasium looking like a hockey rink. The problem for this competition centered around an accident during an inter-plant hockey game when a forward crashed into a goalie. In the picture below, first-aid judge **Jack Corrigan** checks out, from left, **Bill Chown, Harvey Snider** and **Ray Lampman.** The goalie is **Brian Canter.**

On the fun side of the ledger at the Port Colborne and District Conservation Club are the turkey and ham shoots which are held on the last Sunday of each month at the club traps on Brookfield Road. Here, from left, **Louis Bernache, Ed Balogh, Lloyd Balogh** and **Rod Skelton,** all employees of the Port Colborne nickel refinery, are checking their tally sheet for the day's shooting: Louis helped out the old budget with some nifty shooting to bag three hams; Ed picked up one ham, Rod was the winner of two turkeys, while Lloyd came up empty.

This is an artist's impression of Inco's Canadian Alloys Division rolling facility which is to be built on a 70-acre site in Walden Industrial Park, near Sudbury. Construction is scheduled in April and operations are expected to start in mid-1977. Total investment in the project is estimated at $29 million, including $3 million for buildings. The project was made feasible by recent Inco technical innovations and tax incentives provided by the Ontario government to encourage the further processing and fabrication of metals in Northern Ontario. The plant will manufacture coinage strip from both elemental and pre-alloyed metal powders, atomized by Inco's proprietary method. It will also have facilities for re-rolling intermediate products from Inco's rolling mills at Hereford, England, and Huntington, West Virginia.

ATTENTION CURLING PENSIONERS

The first annual curling bonspiel for retirees will be held at the Copper Cliff Curling Club in Copper Cliff on

Thursday, March 18, 1976
Friday, March 19, 1976

ALL PENSIONERS WELCOME

Registration at the Copper Cliff Curling Club 9 a.m. on Thursday, March 18, 1976

Registration fee $2.00

Bring your own broom

NEWSMAKERS . . . NEWSMAKERS . . . NEWSMAKERS . .

Development crews recently blasted the final round of the Little Stobie to Stobie mine sandfill drift, some 3917 feet in length. Driven from both Little Stobie and Stobie mine on the 600-foot horizon, the drift measures 11'6" x 12' in diameter and will provide sandfill for Little Stobie mine. Congratulating each other after the final successful blast are, from left, **Raymond Laurin,** diesel loaderman, Little Stobie; **Wayne Casy,** jumbo driller, Little Stobie; **Gerry Brouillette,** driller, Stobie; **Gaston Beaulieu,** jumbo driller, Stobie; and **Tom Lacroix,** driller, Little Stobie.

Preliminary safety competitions are in full swing and interest is mounting as evidenced in this photograph taken during recent "B" competitions of the Copper Cliff nickel refinery teams. The event was held at the Copper Cliff Community Centre.

The third annual Sudbury and District Winter Sports Carnival, with some 25 organizations participating, turned out to be an overwhelming success. As throughout past years, helicopter rides proved very popular with the crowd as did a ride on the old fashioned horse-drawn sleigh. For those who really wanted to prove something, there was the membership in the **"Polar Bear Club".** To join this elite group, you had to don a bathing suit and plunge head-first into the icy waters of Lake Ramsey. Incidentally, the hole had to be chopped through **three feet of ice** with pneumatic equipment. Needless to say the water was ice cold!!!

The two best first aid teams in the Ontario Division are set to battle for the

R. D. PARKER SHIELD

Thursday, March 18,

at 7:30 p.m. at the Sudbury Inco Club

NEWSMAKERS . . . NEWSMAKERS . . . NEWSMAKERS . . .

Art Carson, left, of Copper Cliff South mine, **Rick Martin,** of Frood mine, and **Gary Lonsberry,** of Coleman mine, take a critical look at this super-charged "Corvette Sting-ray" engine. The threesome, charter members of the newly-formed Nickel City Car Club, meet monthly to discuss upcoming activities. Says Gary, the club's president: "Our aim is to promote organized auto racing facilities and safe, orderly driving of our membership which has now reached the 200-mark." The club is presently getting ready for "Motion 76", an auto show to be held at the Sudbury arena from May 21 to 24. According to Gary, club members will be fielding the bulk of car entries for this particular event.

ICRP personnel recently loaded their 10,000,000th ton of iron ore. This is twenty years to the day from the start of iron ore production at the plant. According to manager **George Nowlan,** the production was obtained because of the co-operative efforts of all associated with the operation throughout the years. "The team approach, which began in the Coniston pilot plant, remains an essential part of the iron ore recovery plant", said George. Aside from 10,000,000 long tons of iron ore, treatment of 15,200,000 tons of pyrrhotite has produced 179,100,000 pounds of nickel, 7,700,000 pounds of copper, 7,600,000 tons of sulphuric acid and 754,000 mega watt hours of power. At the railroad scale in the iron ore recovery plant **Mathew Veleski,** left, and **Ray Wakegijig,** pellet loaders, take a weight reading on the 10,000,000th long ton of iron ore pellets.

The Port Colborne Lions Club has been involved in minor hockey since the early 1930's. Some of the more illustrious players who participated in this program and have gone on to fame in the NHL are Teeder Kennedy, Bronco Horvath, Don Gallinger, Leo Gravelle and Harry Dick. Since that early beginning, the number of youngsters taking part has grown to the point where, this year, over 650 are actively engaged in learning the basics of the game. In order to make this program effective, a great number of volunteers are required. Included in this year's group of coaches are Incoites **Charlie Gatt,** left, **George Sathmary, Bill Provencal, Bill Ryan** and **Jean Claude Lacroix.**

Monty White, a member of Inco's industrial engineering group, mines and mills, was elected secretary-treasurer of the Sudbury Branch of the Canadian Institute of Mining and Metallurgy at the recent annual meeting. Membership in the local branch now stands at well over 1,000, the largest branch of the Institute in Canada. Chairman for another one-year term is **Milt Jowsey,** manager of the Levack area, while **George Reed,** of Falconbridge Nickel, is also in his second year as vice-chairman of the local branch.

Logo Writer—Bert Meredith

By Peter vom Scheidt

Our logo writer this month is a man familiar to many of you at Inco. A long-time member of "The Triangle" staff several years ago and now editor of the company's pensioner magazine "IN Touch" — we are very proud to have Bert Meredith pen the cover of this issue of "The Triangle".

Bert is retiring from Inco this month, after 41 years of service. But he's agreed to stay on as editor of "IN Touch", for a time at least, so his familiar face will be around for awhile yet.

As a feature, Bert does a short biographical sketch on employees who retire from the company in "IN Touch". So he found himself in a rather unique situation when it came to his retirement. Would he be faced with the task of recording his own retirement? Well, that problem was solved when former "Triangle" editor, Don Dunbar, agreed to write Bert's biography. It will appear in a future issue of "IN Touch". Rather than have a duplicate of that article in "The Triangle", it was decided to break tradition for this occasion and not render a biography of Bert's years with the company. Instead, I would like to share with you just a few of my personal feelings about Bert.

I've known Bert for well over a year, and he's one of those rare individuals who, I feel, I've known all my life. To me, his single most important attribute is his sense of humor. No matter what's happening during the day, Bert is the man to cheer you up. That's not to say he never gets angry! No sir! When Bert gets angry, he doesn't put on boxing gloves. Instead, he takes pen in hand and writes letters to the offensive party. Whoever said "the pen is mightier than the sword" must have been talking about Bert.

Another thing I've noticed about Bert is his ability to get the job done. It doesn't seem to matter how busy he is, if Bert says he'll do it — it'll get done.

Bert likes a good argument and has been known, on occasion, to deliberately take the opposing side just so things will stay lively in a discussion.

I'd like to conclude by saying that it's been my privilege to have Bert Meredith as a friend. I've learned a great deal from him without being conscious of him teaching me — something for which I'll always be grateful.

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