Our Yard

DECEMBER 1954

Memo from **John G. Pew, Jr.**

Christmas Cheer To Be Sure —

But What Of Our New Year Resolutions?

As the birthday of our Saviour approaches, it is my warm wish that the best in holiday happiness, health and future prosperity, be with each member of the Sun Ship family. With the new tanker orders, our New Year already takes on a brighter look than 1954 presented. We can look forward to having some of our former employees back and some new ones with us to do this work.

This is also a Season for taking stock in past performance and of making resolutions for the future. Some figures — some hard facts — have come to my attention, which because they concern every one of us, I'm putting before you on pages 12 and 13. I think these figures call for constructive resolutions from each of us, for 1955.

Long ago a prominent Englishman said: "I care not who makes the laws; let me control the money". Our own John Marshall, longest Chief Justice in American history, stated: "The power to tax is the power to destroy". Yes, a concentration of money means power, for good or evil; and how better could a concentration be had than through the compulsory 'power to tax'? We therefore must scrutinize who uses the power and who controls the use of the money amassed.

Let's look at Article 4, Section 4 of the original Constitution which starts off: "The United States shall guarantee to every state in this Union a republican form of government . . .". Naturally, this is a guarantee to the 48 states of individual sovereign governments (though only thirteen at the time). What of this state sovereignty — the power to determine our own welfare and security — by retaining the power to tax (and spend) as we citizens decide in our state legislature? Can the states (the people) have sovereignty if the wealth they produce is taxed away (and its expenditure decided) by the Federal government?

Initially the total of revenues collected by the United States was a small part of the total wealth produced. However, with the advent of the 16th (graduated income tax) Amendment, which reversed the Constitution's original: taxes shall be "uniform throughout the United States" and "in proportion to the census", the Federal take has become approximately one-third of our annual wealth.

Who controls this mass of money, and what is it used for? If you heard that for every $100 taken from Pennsylvanians only $3.16 was returned by the Federal government, would you believe it? Could you justify in your mind, the fact that the Federal government took over 5 billion dollars away from our state in 1953? Do you believe that we here at home are less capable of managing that sum and determining its use through our state legislature?

Suppose you heard that the Federal government doesn't merely redistribute the wealth to the poorer states, but takes from fifty to ninety-nine cents out of every dollar it collects from within all the states — would you believe it? On the middle pages spread in this issue of OUR YARD, we see that 1950 was the last year that any state (Mississippi) got back from the Federal government, more than had been taxed away. Hence, for four years, even the 'tax and tax, spend and spend, elect and elect' vote purchasing program of the New Deal, became outright exploitation of the 48 states (and we, the people).

The way in which Americans have accepted (and voted for the programs of) this confiscation brings to mind the story of a Missouri mule which ran headlong into the barn door. A visitor suggested the mule might be blind.

"No," replied the farmer, "that mule ain't blind. He just don't give a damn".

Yes the power to tax can destroy, and "absolue power corrupts absolutely". Will you make a resolution to voice your opinion on this usurpation of our wealth in 1955?

The "Nikko Maru" Handmade in Japan Visits Sun Ship

The 42' "Nikko Maru" made in Japan, was launched August 15, 1953 in Japan. The 4.5 ton, 18" draft boat came across the biggest ocean by freighter.

Moored to other boats at Corinthian Yacht Club, the stern of the Nikko Maru was pulled low enough to ship waves when a 60' Chris Craft sank. The larger craft sunk after having her hull punctured by a piling because of heavy seas.

Chief Martin made an inspection of the double planked cypress and oak hull which was lifted from the Delaware River in our yard. Lt. Col. Leon K. Kurland, C. O. and M/Sgt. John Lupoli of the Schuylkill Arsenal did the hauling job at Sun Ship. Kurland, who has handled many small boats on Long Island Sound, pointed out the unusual carving on the Nikko's prow.

The cruiser had been powered by two outboard motors which delivered 18 knot speed. Propulsion will now be 3 air jets, and an expected speed of up to 30 m.p.h.

JOHN G. PEW MEMORIAL

The Committee of the John G. Pew Memorial Fund wish to thank all of our co-workers for their wholehearted support. The effort was a complete success and everyone who participated deserves a share of the credit.

A final report, covering the monies donated and other details will appear in the January issue of OUR YARD.

THE COMMITTEE

OUR YARD — Sun Shipbuilding & Dry Dock Co., Chester, Pa. — Vol. XIV No. 4
DECEMBER, 1954 — Office: Maritime Bldg. — Phone 506
Printed in U.S.A.

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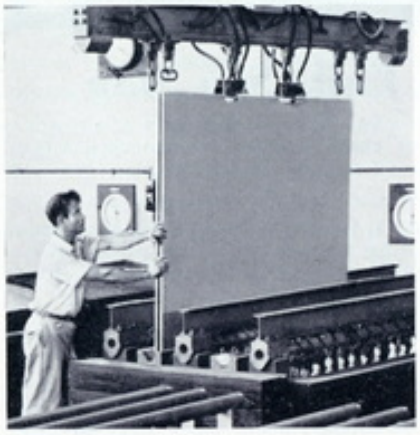
CLAD STEEL

This article has been written by P. E. Shaver from information principally furnished by J. H. Proctor, Technical Service Engineer of the Lukens Steel Co.

OUR YARD has recently published several articles dealing with Stainless Steels and our new shop in which we plan to fabricate Stainless Steel. This article on Clad Steels is intended to provide further information about special steel. We will not deal with welding, fabrication and metallurgical techniques; we will endeavor to keep our descriptions, etc., non-technical.

Clad Steel is a composite, made up of cladding material, such as stainless steel, permanently bonded to either carbon steel or low alloy backing steel. In other words, clad steel may be defined as



STEP ONE—Two stainless steel cladding plates are nickel-plated—each on the one side which is bonded to backing plates.

ordinary steel veneered with a thin layer of corrosive-resisting steel, such as stainless, monel, nickel, copper, etc. This modern material is a "happy marriage of metals too expensive to be practical for some applications, and low cost metals which cannot stand up to the required service.

To explain a practical application of clad steels, we will consider a case where the thickness of a tank shell is required to be 1½" thick. Also consider this tank is to hold a liquid material which will require stainless steel to resist the corrosion. To build this tank of *solid stainless* steel would cost about 80c per pound for the material — prohibitive in many applications. If we make the tank of *clad steel* we can use ordinary steel and veneer or clad the entire inside surface of the tank with a thin stainless layer about ⅛" thick. The composite (clad) plate would then be 1⅜" ordinary steel and ⅛" stainless to make the total thickness of 1½" as required. This clad steel would cost from 35c to 40c per pound, and the whole tank, less than the amount it would cost if made of solid stainless of equal thickness.

These thicknesses are compared only to demonstrate cost differentials. It must be recognized that solid stainless has a higher strength than the ordinary steel, therefore in actual design the thickness of the solid stainless may be less than the total if the clad is used.

NOT ALWAYS A SUBSTITUTE FOR STAINLESS

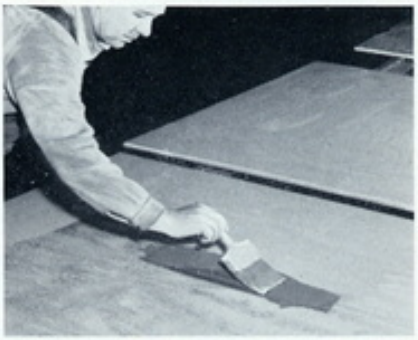
The teamwork of two dissimilar metals, permanently bonded together as one efficient material of construction, is bringing new economy into today's industrial equipment construction. However, it must be understood that clad steel will not always replace stainless steel. Each has its specific place in the construction of modern chemical, oil refining, food, and medical equipment.

EXPERIENCE IN FABRICATING

Sun Ship has built clad steel pressure vessels from the time this material was originated (about 1930). Lukens Steel Company has been the principal producer and has contributed the major part in its development. At the time of writing this article several large vessels are being built in our Boiler Shop of Stainless Clad Steel.

BEFORE CLAD WAS DEVELOPED

Before clad steels came into general use, Sun Ship as well as other builders of pressure vessels, protected the surfaces exposed to corrosion by lining the inside surfaces with thin stainless or alloy plates spot welded to the tank shell. We finally gave up this practice, faced with the possibility and some actual experience of the lining breaking loose. In fact, throughout the industry there have been many critical failures caused by linings pulling away from the tank shells. Although some fabricators continue to some degree the practice of lining, Sun Ship maintains that if a pressure vessel is subject to corrosion, it is too important to risk any protection which has a possibility of failing, therefore we recommend clad steel, which never fails.



STEP TWO — On the reverse side of the two cladding plates a parting compound is applied — to prevent cladding plates from bonding during rolling.

REPLACING LININGS

Clad steels are not only cutting the cost of high-alloy protection for equipment by reducing the amount of expensive metal required, but are also making possible improved equipment where high alloys were once entirely out of the question. In order to skirt the cost of solid high-alloy construction, much equipment has met corrosion or contamination problems through various types of linings which, though effective cost cutters, left something to be desired in efficiency.

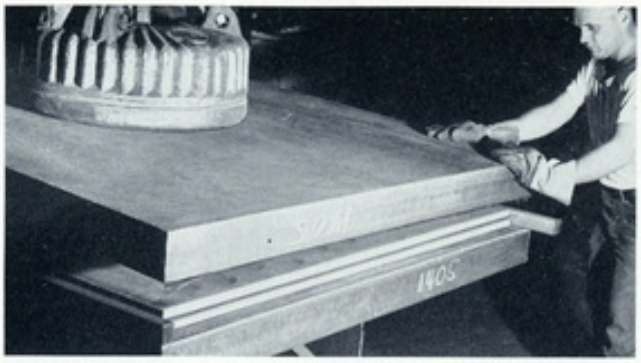
Some high temperature equipment, for example, used an inner lining of refractory brick; clad steels are doing the same job in less space with no bothersome and expensive rebricking problems. In the processing of high-purity foods or drugs, glass lining was used; clad steels proved to be as easy to clean, more durable and less trouble to fabricate.

To maintain flavor or quality, other processors chose to retain old fashioned wood-lined vats which had to be continually refurbished or replaced; clad steels now provide the same product protection with long life and greatly reduced maintenance.

In attempts to cut costs in other equipment where a high alloy surface was required sections of the high-alloy

STEP THREE — The two cladding plates with the parting compound between them are placed on one of the backing plates . . . nickel-plated side of one clad plate facing the backing plate.

plate were laboriously fashioned into a lining by spot or plug welding them to the inner surface of a carbon steel vessel. Clad steels, because of their overall, permanent bond, make fabrication easier and corrosion can't work behind the alloy surface to attack the carbon steel.



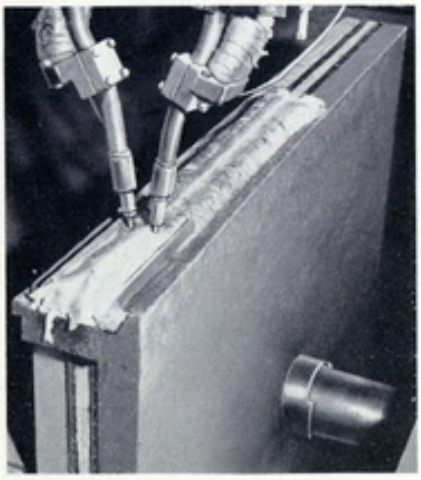
STEP FOUR — The second backing plate is then placed on top to form the cladding "sandwich".

HAM ON RYE — GRILLED

Two clad steel plates are made simultaneously — with the clad materials in the middle (like 2 slices of ham) and the backing plates above and below (as rye bread in a sandwich). The sandwich is then treated as described here by Mr. Proctor of Lukens Steel Company:- "The material is assembled by combining the cladding and backing metals into a pack from components calculated to yield plates of a predetermined thickness. The components are then integrally joined (a parting compound preventing the two clad plates from bonding together) by pressure at high temperatures, usually through mill rolling. The resultant uniform layer of cladding does the work of costly solid metal while the low-cost steel backing provides strength and rigidity. The bonding of dissimilar metals is an ancient art. Armor makers of the 15th Century combined iron and steel in layers to produce a strong, tough material. Commercial use of clad steels for industrial equipment, however, is a relatively recent development."

FIRST CLAD PLATES STILL USED

The first clad plates in this country were produced in 1930 as a joint effort between Lukens Steel Company and The International Nickel Company. They were nickel clad and were produced for the construction of a railroad tank car. The car is still in daily use after nearly a quarter century of transporting highly corrosive caustic soda and phenol.



STEP FIVE—The entire perimeter of the "sandwich" is then welded . . . first tack welded and then completed with automatic equipment.

The success of this first experiment with clad steel plate sparked investigation into the use of other metals for cladding. In 1934, Inconel-clad was manufactured and shortly afterward, Monel-clad was developed. Stainless-clad steel followed and is now available in a full range of stainless types. Most recently, copper and aluminum-clad have been developed, and though they are not yet produced in volume, are rapidly approaching the day when they will be considered standard clad steels.

IS THE DEMAND FOR CLAD STEELS GROWING

As fast as each new cladding is developed, experimentation progresses on new combinations. Metals which, in solid form have come into prominence only recently — like zirconium and the tough, light, wonder metal, titanium —are being considered as likely prospects.

It is this variety of cladding metals which is bringing about greater use of the modern material — an increase of more that 2000% since 1939.

SPECIALIZED APPLICATIONS

The high-alloy surface provided by clad steels may be required in a piece of equipment for a variety of different reasons. In the petroleum industry, for example, clad steels are normally used for resistance to corrosion, abrasion or high-temperature scaling. In some pressure vessels used in a refinery, however, clad is especially valuable in preventing hydrogen blistering which may seriously impair the life of the equipment.

A striking example of the specialized applications offered by specific clads was demonstrated in an Atmospheric Tower recently fabricated by Sun Ship for a leading petroleum producer.

The upper section of the tower had to withstand the corrosive action of condensing mineral acids. The lower part had to handle corrosive asphalt crude. To meet this combination of corrosive conditions, Sun Ship built the tower with Monel-clad in the upper part and stainless in the lower section, matching the special properties of each type of clad to the double-barrelled corrosion problem.

VERSATILITY

The versatility of clad steels can be further varied by the kind of backing steel chosen. Generally, the high-alloy material is clad on ordinary carbon steel. For special low-temperature service, however, the cladding may be teamed with a nickel-bearing backing steel to better withstand embrittlement. Or, for high-temperature service, one of the tough molybdenum-bearing steels might be used to back up the cladding metal.

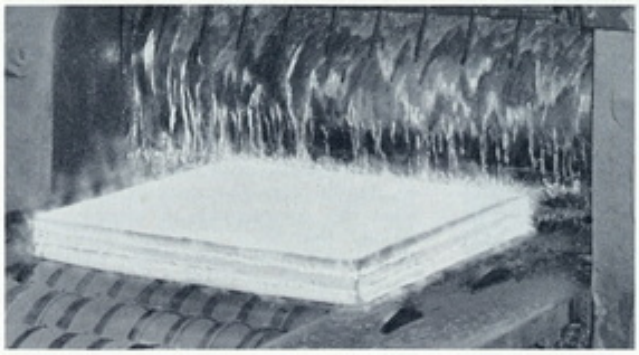
PERMANENT BOND

The bond between the cladding material and the backing steel is stronger, in most clads, then the strength of the backing steel itself were you to tear it apart. This high bond strength makes possible the use of a clad plate in the net thickness of the design involving composite metals. Thus, in construction regulated by the various groups concerned with equipment safety and good practice, clad steel is considered to be complete plate and extra thickness to make up for the difference in materials is not required. To meet this condition, the bond must be able to withstand a shearing force of 20,000 pounds per square inch. The standard clad steels far exceed this minimum shear strength.

STEP SIX — These 'sandwiches" are then charged into the soaking pits where temperature of the material is brought up to optimum rolling conditions.

AVAILABLE SIZES

Clad steel plates are available for equipment construction in sizes about the same as are available in any steel — up to 178" wide and 480" long. They are regularly produced in thicknesses up to 3" and can be produced up to 10" thick



STEP SEVEN — One unit at a time, these red-hot "sandwiches" are rolled — in two directions — to finished dimensions on Lukens plate mills.

when needed. The wide range of plate sizes makes possible greater flexibility in design and more efficiency in fabrication.

CLADDING THICKNESSES

The cladding thickness is normally specified as a percentage of the total thickness of the composite plate. The most common thicknesses are 10% and 20%, but thicknesses from 5% to 50% are obtainable. By special arrangement, the cladding thickness may also be ordered in fractions or decimals of an inch, such as, 7/64", .050", etc., regardless of the composite plate gauge.

The thickness of cladding is determined by the requirements of the application, but for commercial fabrication reasons, it is generally held to 0.030" minimum.

FABRICATION

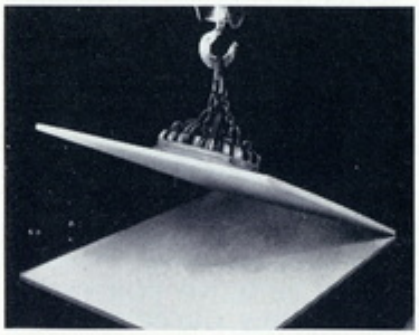
The fabrication of clad steels is similar to ordinary steel plate excepting that more care must be used in handling and fabrication. The techniques used in solid stainless must be used to protect the clad surfaces. Foreign matter picked up by the surface in production or fabrication, could effect the effectiveness of the material in service. Or, damage to the surface might provide a foothold for contaminating the material which would effect the product processed in the finished equipment.

Aside from this reasonable care of a quality material, clad steel can be worked as any solid material, it being understood that there are some fabrication and welding operations required for clad steels which are not reqiured for other materials. Examples are the techniques for joining plates — making connection in the proper fashion to obtain a continuity of the clad material. This is done so the corrosion resistant qualities will not be harmed and the joints will not develop cracks, etc. Clad steels can be hot or cold formed, punched, spun, pressed, bent and formed in combinations of these methods.

The spinning of clad steel heads to form the closures for tanks or pressure vessels or for use in other applications, is an art as well mastered as the production of the clad plate itself. Accurately formed clad steel "bowls" can be produced in sizes from 4" to over 20 ft. in diameter. The largest clad head ever spun was used by Sun Ship in the fabrication of a petroleum Fractionating Tower and measured 20' 4-7/32" in overall diameter — big enough for a good-size backyard swimming pool.

CODE COMPLIANCE

Most of the pressure vessels built in our plant are built to the A.S.M.E. or API-ASME Codes and therefore it is necessary that we purchase material which will comply with these Codes. Fortunately most all clad steels are permitted by these Codes.



STEP EIGHT — After rolling the welded edges of original "sandwich" are flame-cut off and the two clad plates are pulled apart — thanks to the parting compound!

The total thickness of stainless and nickel alloy clad steels is permitted by the Code to be used in design calculations, i.e., the combined thickness of the backing material and the alloy clad. However, in the case of copper, only the thickness of the backing steel may be used in the calculations.

The necessity for stress relieving and X-raying welded clad steel joints according to Code is governed by the backing steel specifications and the total thickness of the clad steel.

CAN CLAD STEELS BE READILY SECURED

As any other high-class product, clad products usually require a longer time to process than lower-class products.

Though less cost than solid stainless for the customer, clad steels are considerably higher than ferrous steels. For many applications, however, the user finds that the longer life of his equipment more than offsets the cost of periodic replacements when the cheapest steel is used.

Ordinary steel plates are usually secured from the mills within about 4 to 5 weeks; formed heads from 5 to 6 weeks. Clad steel plates are available within 6 to 8 weeks, and formed clad heads in about 8 to 10 weeks.

In general, clad steels were developed to provide the special properties of costly high-alloy material with the inexpensive strength and rigidity of low-cost backing steels. They are now recognized as an important member of the family of materials used by fabricators and when used intelligently and wisely, perform their job efficiently and economically for the fabricator and the user of the finished clad steel product.

SALES ENGINEER, P. E. SHAVER, has authored this series of articles on alloy steel with the cooperation of our steel suppliers. On Perry's shoulders falls the greatest responsibility of securing contracts for the industrial products which keep our Wetherill Machine and Boiler Shop busy. This applies to our new Alloy Fab Shop in South Yard where stainless steel products will be produced with special care for old and new customers.

CLAD PLATE — A Clad Steel plate is composed of a backing layer of carbon or low alloy steel and a surface (or cladding) layer of high alloy or other base metal . . . the two layers being integrally bonded. Because the cladding is permanently and integrally bonded to the backing steel, clad steels can be formed and fabricated as easily as other steel plate. In Lukens rolling method of producing clad plate, two plates are produced simultaneously — clad face to clad face — preventing damage to or deterioration in the cladding surface. Accompanying illustrations show steps in the manufacture of Stainless Steel Clad plate.

INSIDE SUN SHIP'S NEW ALLOY FAB SHOP—A BUSIER PICTURE IN 1955

Rod and Gun News

By Mike Znachko

No big game animal is so widespread in America as the Deer. Insofar as the hunter is concerned "American Deer" is a term synonymous with "Whitetail Deer." This is due in part to the Whitetails extreme range — he is found in all but eight states — and in some degree to his talent to survive in such great numbers, in spite of our constantly spreading building activities. But the major reason for the Whitetails popularity lies in his never failing ability to furnish the hunter with a thrilling action-packed sport that is hard to equal.

I have hunted deer pretty consistently since I was a boy, and even now, you wouldn't have to twist my arm very hard to induce me to go on a deer hunt. During this time I have found that deer are mysterious creatures and quite baffling in their ways. Wild creatures possess a power of instant decision, which is often mottled with variety. They will do what the book says they will not do. THEY don't read the book. A buck that is stealing cautiously out of a drive, is careful not to make a display of himself. Once we watched a magnificent buck who upon reaching a fence did not jump, but ducked lithely UNDER the wire. At the same instant, a friend of mine anticipating that the buck would jump the fence, fired several shots over the top of the wire where there was no buck. He then threw his hat on the ground and jumped up and down on it. That didn't help at all.

R. HAHN, OF 59 DEPT., and party shown with a beautiful bag of Ringnecks.

When the subject of hunting deer comes up, you will almost always find that the discussion turns to the methods of firing and the type of gun used. I have not killed many deer with a rifle, and of those I have shot with that weapon all were standing still. There didn't seem to be much to it when a man's eyes were good and his hands steady. It is my opinion that the vast majority of deer killed with a rifle are shot while standing still, walking, lying down or just fooling around. Of course, under any circumstances, it takes a pretty good hunter to get one. He must know exactly what he is about, and learning this takes a long time. When one of the boys tells me he has shot a buck running full speed in the wood at 300 yards, I credit him with a lively imagination. He is a poor judge of distance. Unless the forest is very open, and the buck has a background of snow, or is seen in an open place from a ridge; a hunter is not even likely to see a deer CLEARLY at 300 yds., let alone make a successful rifle shot at him. Nearly all my deer have been killed with a shotgun. It's the weapon for level country where the brush is thick. A man could very well make up a lengthy book on this subject.

SUN SHIP'S "BIG FOUR" of the Gunning Fraternity: Sherman Graybeal, Charlie Nyce and "Reds" Fleming of 59 Dept. and Mike Znachko of 74 Dept. shown afield.

On one occasion I didn't shoot at a beautiful animal standing in a field at twilight, for the simple reason that I thought I saw the red cap of another hunter on the opposite side of the field. He was right in the line of fire, and as it turned out, it was anmember of our party who also held his fire because he thought he saw a red cap at MY edge of the woods. Here was a case of buck getting clear away, because two hunters had used their heads. If we hadn't been careful, there likely would have been a dead man on the edge of that field — maybe two!

However, I have come to a time in life when I do not regret the escape of a buck. His mounted head makes a wonderful trophy, and deer hunting is as fine an outdoor sport as exists, yet it is also true that an old buck puts a certain amount of glamor and mystery into the wild woods. I love to hunt these wild, wary creatures, but I also love to know that these shaggy old friends of mine put life and beauty into his native woods. SO, when one escapes me, I have the pleasant feeling in knowing that his craggy antlers, instead of drying out over the fire-place, are giving the starlight of the wilderness something on which to sparkle.

Just a reminder, Boys . . . . Nothing can destroy our rich recreational and healthful life in Pennsylvania (or anywhere else for that matter) as quickly as scummy, contaminated streams. LET'S HELP KEEP OUR WATERS CLEAN.

As the big game season opens, it would be well for you to know where your rifle hits (no matter what caliber) at every yard outside of thirty and inside of one

hundred and fifty. In this way you will harvest the best in shooting pleasure, with a sure hit. Let's cut down the senseless waste of crippled game, for I believe that you, as I, have a high regard for the outdoors and its pleasures. God give me the Grace to kill clean, and if I can't kill clean, then let me miss clean.

The immortal Shakespeare provided us with some food for thought when he wrote: "Heat not a furnace for your foe so hot, that it do singe yourself."

Due to circumstances beyond our control, we regret we were unable to insert our column in the previous issue. Please accept our sincere apologies. Our news items may be a little late, but we hope you will find them interesting, however late.

No other country has such a fascinating variety of Christmas celebrations as does the United States. Immigrants from every region of the Old World have brought with them their style of worship and festival. Each nationality has poured out liberally of its unique treasure in culture. And yet, varied as they are, all the observances bear along the same lines as each in his own language sings out "Glory to God in the Highest, and on Earth, Peace, Good Will toward men." Therefore it really doesn't matter whether we say it in Spanish, German, Swedish, French, English or any other language. In this Christmas Season all hearts are united in the hope that we shall truly experience the "Peace on Earth, Good Will toward Men" of which the angels spoke on that first Christmas. It is with that hope in our hearts and that prayer on our lips that we convey our "Sincerest Wishes to You and Yours" for a VERY MERRY CHRISTMAS!

While on one of our angling trips to Indian River sometime back, we were given an exceptionally rare opportunity to observe the audacity and fortitude of our American Youth. It centers around the fact that Capt. Walter Cleaver, the Skipper of our fishing boat, had brought aboard his five year old son, Walt, Jr., to spend the day with us. Unfortunately, while out at sea, we encountered a raging gale which turned the waters into a turbulent weapon of destruction. With most of our party confined in the cabin with seasickness, this plucky and fearless lad stood on the decks with the remainder of us, weathering the storm like a seasoned veteran, and defiantly daring "Old Devil Sea" to do its worst. His display of courage proved that the conquering blood of his pioneering forefathers had not dwindled one iota, and in due respect for the lad's daring spirit, WE, SUN SHIP ANGLERS, have unanimously elected him "First Mate" of the "Cleaver." We are confident that he carries the qualifications required to fill his father's shoes, WHEN the occasion arises.

CAPTAIN AND FIRST MATE of the good ship "Cleaver". This is the youngster who earned the respect of Sun Ship anglers.

On Sunday, Nov. 14, several Sun Ship sportsmen gathered at the home of Gerald Evans of Eddystone, Pa. to form the new Bear Hollow Fishin', Shootin' and Dueces Wild Club, and the following officers were elected: Pres. Cliff (Reds) Fleming, 59 Dept.; Vice Pres. Gerald Evans, 33 Dept.; Rec. Sec. Charles Lukens, 74 Dept.; Treas. Sherman Graybeal, 59 Dept.; Fin. Sec. Mike Znachko, 74 Dept.; Trustees — Norman Dulin, 59 Dept., Bill Styer, 84 Dept., and Tom Pearce, 30 Dept. Plans were formulated for the forthcoming Big Game Season and after partaking of refreshments the meeting was adjourned.

Pennsylvania gunners were greeted with a cold driving rain as the gunning season opened Saturday, Oct. 30, and despite the inclement weather, some fairly good bags were reported. This reporter and Cliff Fleming of 59 Dept. returned from the Pottstown area with a bag of 4 rabbits and 2 pheasant. . . . Charlie Lukens, old gun toter of 74 Dept., gunned in the Mifflintown section, returning with 2 squirrels, 2 pheasant and 4 rabbits. . . . Charlie Rhodes of 47 Dept. returned from the Hatboro Section with 2 rabbits and 2 pheasant. . . . Joe Grant and Russ Rothka of 47 Dept. bagged 6 rabbits, 3 squirrels and 3 pheasant in the Mt. Carmel region. . . . Norman Dulin and Charlie Nyce of 59 Dept. returned from Bucks Co. with a bag of 4 rabbits and 4 pheasant. . . . Tom Pearce of the Boiler Shop toppled over 3 rabbits while hunting the nearby woods. . . . Aaron Cressy of the Safety Dept., who gunned near the Tinicum Marshes, returned with 2 Hoolihans and 1 Humasing. . . . Rufus Ingram of 74 Dept. returned with one Rhode Island Red, which he bagged in the Commission Row Section.

Lou Kumoves of 59 Dept. was a participant in the Surf Casting Tournament which was held sometime ago at Nag's Head, North Carolina. Lou was a member of the Atlantic City team which placed third in the tournament. In the open tournament, Lou came in for 6th place and was rewarded with an Ocean City, level winding, salt water reel.

Stanley Belczyk and Charlie Worrell,

CHARLIE LUKENS, veteran nimrod of 74 Dept., shown with "Pat" his Irish Setter.

veteran anglers of 42 Dept., report some exceptionally fine catches of striped bass, which they have been taking out of the Delaware River near Port Penn, Del. T'is said the fish have been ranging from 18 to 25 inches in length.

Some years ago we had a neighbor who was a golfing addict. With a little time to kill one day, we watched him play a hole. The ball reached its destination — a small hole in the ground — in seven swats with assorted clubs. Our friend then took a small card from his pocket. He wrote "5" on it. The rest of the day he seemed to have a quilty look. In fishing you simply don't do that sort of thing. No one ever caught a seven pound fish and called it a five pounder!

On Saturday, Nov. 6 this reporter along with Charlie Nyce, Sherman Graybeal, Cliff Fleming and Mevvy Cabello of the Smith Sheetmetal Co. journeyed to French Creek in the Kimberton section on another of our hunting expeditions. The trip, however, proved very unsuccessful. . . . George Ridgely, veteran angler of 59 Dept., reports snagging a beautiful 4 lb. smallmouth bass while fishing in the Octorare Dam, Saturday, November 6.

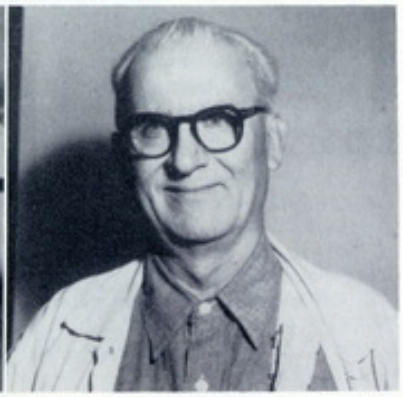
A recent press release of the Penna. Sanitary Water Board informs us that their Clean Streams Program has opened an additional 110 miles of streams for fish stocking. The expanded stocking program includes six miles of the Schuylkill River in Phila., including Fairmount Dam, 16 miles of the river in Berks Co. and 21 miles in Montgomery Co. Portions of the Lehigh and Susquehanna Rivers are also being replenished with fish.

Dick Evans, veteran nimrod of 36 Tube Shop, returned from Bucks County, Saturday, November 6, with a bag of two nice Ringneck Pheasant.

Our apologies to WILLIAM BURTON, 66-128, who we captioned as Sterling Beckton in the November issue of OUD YARD. The error was in the launching article.

A — **EDWARD MILLER, 88-44,** is congratulated by Vice President John G. Pew, Jr. on receipt of his 35 year Service Pin.

B — **OTTO SIEGEL, 94-62,** is awarded a 30 year Service Pin by Purchasing Agent M. M. Paxton.



C, D, E — Supt. Frank M. Hoot, Jr. congratulates **JAMES MORSON, 69-51,** 25 years; **FRED FRITZ, 30-2008,** 35 years and **STANLEY BUDINAVICH, 69-43,** 35 years, on receipt of their Service Pins.

F, G — **HARRY S. BURR, 84-49** is the recipient of a 25 year Service Pin from Supt. Charles Zeien as is **HENRY JONES, 80-135,** 25 years.

H, I — Supt. Arthur Holzbaur congratulates **SIGMUND PIECARA, 55-22,** 30 years and **FRANCIS ZETTLE, 66-48,** 25 years on receipt of their Service Pins.

Service-Loyalty

SERVICE AWARDS OCTOBER, 1954

35 Years

69-43 ..... Stanley Budinavich
88-44 ..... Edward Miller
30-2008 ..... Fred Fritz

30 Years

94-62 ..... Otto Siegel
55-22 ..... Sigmund Piecara

25 Years

69-51 ..... James Morson
68-262 ..... Joseph Reczek
66-48 ..... Francis Zettle
84-49 ..... Harry S. Burr
33-806 ..... Howard Wood
80-135 ..... Henry Jones

SALARY ROLL

20 Years

81-22 ..... Sheldon Cochrane

15 Years

36-27 ..... Sterling Becton

SUN SHIP *Juniors*

THEODORA, 6, and **LINDA CHUBBS**, age 7, are the grandchildren of Locomotive Engineer George Lynn of 75 Department.

EVALYN SANBORN, 16, as a color guard for the Ridley Township High School band.

HELP CANCER PATIENTS

Mrs. J. Wesley Jones, Executive Director, American Cancer Society, suggests that all sewing units interested in the Cancer Dressings Program please send a card to the Cancer Information Center, 203 Municipal Building, Upper Darby, with the name of the church group or organization and the name of the chairman.

As soon as this information is obtained, a general meeting will be called at which time materials will be distributed and instructions given for this work.

An appeal for clean white cotton or linen goods which may be converted into dressings for cancer patients was issued this week by Mrs. Jones. Persons wishing to make donations of goods such as men's white shirts and other cotton and linen articles may leave them at Shrigley House, Lansdowne, or mail them direct to the Cancer Information Center, 203 Municipal Building, Upper Darby, Pa. The local supply is extremely low.

HOURLY ROLL

20 Years

8-678	John Kœmider
36-774	Philip Schafft
47-294	William Green

15 Years

30-149	John Weidman
30-2092	Joseph Krieger, Jr.
30-2141	Ambrose Fulton
33-437	Joseph Squitiere
47-352	Joseph Grant
59-961	Alfred Bouchelle
59-1195	William Wilson
65-146	Fred Mosser
68-270	John Kanuka

10 Years

8-52	James Rooks
33-69	Joseph Hasson
33-1385	Charles Anderson
34-1547	Joseph Houston
42-685	Raymond Armstrong
45-316	Stanley Hill
47-422	Charles Cornog
47-1269	Erby Tipton
59-984	William Yancey

A TRUE BUT ODD FISH STORY

The picture above is Miss Beverly Weidner holding a 29", 5¼ lb. bass caught by Bill Emsley in Delaware, and eaten by "Bev's" dad, Don Weidner. Don was more interested in swapping the fish than of getting a good picture of his daughter — who is a good sportswoman. She rides, fishes and has taken an interest in archery.

TUG MANAGEMENT CORP.
12 S. 12th Street, Suite 2940
Philadelphia 7, Pa.

Nov. 23, 1954

Mr. R. L. Burke, President
Sun Ship & Dry Dock
Chester, Pennsylvania

Dear Mr. Burke:

Having had occasion to observe and see work that was being done on the Barge, T. J. Sheridan in Sun's dry dock, and see your men work on the job, I will state that I have never seen or been in a yard where the work was carried on with such speed and workmanship as in your yard.

I have never met a more polite and courteous group of men and officers.

Very truly yours,
Morgan Reed, Master

Winter and Monoxide

Carbon monoxide, a deadly gas which is contained in exhaust fumes, is a menace against which every motorist should be on guard during cold weather when car windows are closed for warmth.

Having no color, odor or taste, the presence of the gas often-times cannot be detected until sickness is felt on the part of the driver and other passengers in the car.

Leaks in the exhaust system are most frequently responsible for the infiltration of monoxide into the car interior.

When cars grow older, and all parts are more susceptible to deterioration, there is more danger of carbon monoxide poisoning. So, it is up to motorists to take every precaution possible to make certain that neither he nor his family fall victim to his killer.

Following are recommended safety measures against carbon monoxide:

1. Have a skilled mechanic thoroughly check the exhaust system in the car, making any repairs necessary.
2. Always leave at least one window open a crack when in the car.
3. Always be certain that garage doors are open when starting the motor.

FOR SWAP FOR SALE OR WHAT HAVE YOU?

FOR SALE — Brand new Lionel Trains, "O" Ga. Passenger train set with horn, Santa Fe Twin Diesel Outfit No. 2190W — list price $89.50. Also Trainmaster Transformer, Type K.W., 115 volts, 60 cycles, 190 watts — List price $22.50. BOTH FOR $75.00. See Guard West, 88-61 or phone Phila. GA 6-1082.

YOUNG ENTERPRISER SELLS FISH & AMERICANISM

On his retail seafood property on the road from Boston to Cape Cod, Phil O'Connell has established a roadside library-bookshop to combat collectivism. It may be the first of its kind, and a pattern for other communities throughout America.

Phil, a family man in his early thirties, takes pride in his affiliation and the work of the Massachusetts Minutemen. They have picked up the principles and ideas, instead of their forebears' long rifles, in the defense of Freedom.

The invitation to American tourists reads: "CALLING ALL PATRIOTS . . . a shop for libertarians. Near the Circle, Route 28 in Middleboro, Mass. Help fight America's deadly foes, Communism and Socialism. In the Minuteman's shop you will find a collection of books and articles designed to portray the true American traditional way, as originally conceived and planned by the Founding Fathers. There will be found startling facts showing how far we Americans have strayed from that original course, so clearly and providently outlined in our Constitution. YOUR SUPPORT IS URGENTLY NEEDED to help spread the word in order that as many citizens as possible may visit and discover, in the Minuteman's shop, answers to the perplexing questions of our times. OPEN EVERY DAY."

"STOP LOOK LEARN"

HAZEL TAKES A LANDMARK WITH HER

When the Sun Shipbuilding Company started operations on the swampy bank of the Delaware in 1916, installation of the heating plant gave rise to a majestic smokestack. It rose 150' above the foundation and was the highest point in the area for almost forty years.

Forty-nine pilings were driven to bedrock before the six-and-a-half foot thick concrete foundation was poured. The bottom of this block measured 18½ foot square while the pedestal was 14' 6".

The tile base reinforced by internal bands of steel, a 13' 2" diameter, tapered gracefully upward, then widened a bit to a 6' 8½" diameter at the top. The stately stack was a symbol on navigation charts for the aid of seafarers working their vessels up the Delaware and airmen closing in on Philadelphia. Thanks to Hazel and a couple of Texans, on future charts the little circle will be missing.

Hazel lashed the shoreline of the shipyard with waves which knocked on the Paint Shop wall and sloshed over part of a locker room floor. (There, the fellows prepared for Hazel's evening visit and withstood her wrath that night.) Elsewhere the hurricane attacked two symbols of industry.

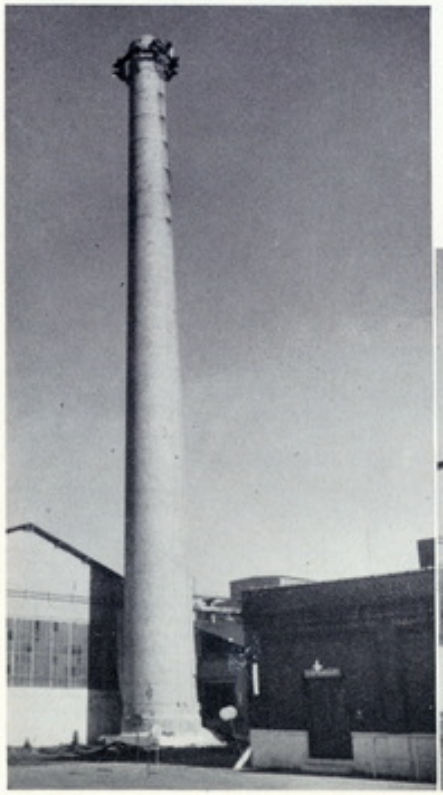
Rough and tumble Hazel knocked over one revolving crane out of the row in South Yard. She seemed like a clumsy bowler; hardly a prospect for Sun's Mixed League. But like a braggart she huffed and puffed (with gusts of a 100 mph) against the landmark smokestack. Her force succeeded in tilting the old stack 18 inches. This and the old fractures resulted in a decision to dismantle the structure.

Three men from Rust Engineering in Pittsburgh arrived in 10 gallon hats and cowboy boots. They lost no time in making their survey of the damage. The decision made, they stored their Texas regalia and valuables, and took sledge hammers aloft to their circular staging. With air driven chisels they 'cut dotted lines' around several square foot sections. Then, standing so high, without safety lines or back rails, they swung their sledges, toppling the sections of tile chimney to the inside. The rubble was drawn out of the thick base of the stack and trucked away.

There's an old phrase about 'wooden ships and iron men'. Modern shipbuilders have held up their end of it while ships are now made of steel. Yet men throughout the yard gazed upward at these Texas steeplejacks with respect and admiration.

One of our own rugged personalities said around a cigar while pointing upwards: "Now there's a new twist for the saying about 'iron men'. Not many men can work like that, but as long as there are men like that around—we don't have to worry about America. See what I mean?"

GOING — 11/3



GOING

GONE — 11/12

All of us are in receipt of good tidings this Season, with the contract to build three new tankers. This new ship construction means greater job security for those now on the payroll, a recall to employment for many former employees during the coming year, and an improvement in the Chester economy generally.

I consider this upturn in the shipyard one of the blessings for which we can all be thankful during the Christmas Holidays. On behalf of Sun's management, may each of you, and every member of your family enjoy these festivities, and both health and happiness throughout 1955.

Richard L Burke

Here's How The Federal Government Is Robbing The States; Political Distribution of Wealth

Compiled by Paul O. Peters, 606 National Union Bldg., Wash., D. C. from official Treasury reports.

FEDERAL INTERNAL REVENUE COLLECTIONS OF THE UNITED STATES FOR THE FISCAL YEARS 1950, 1951, 1952 AND 1953, COMPARED WITH REPORTED GRANTS-IN-AID TO STATE AND LOCAL GOVERNMENTS, AND FEDERAL AID PAYMENTS TO INDIVIDUALS WITHIN THE RESPECTIVE STATES WITH PERCENT OF COLLECTIONS RETURNED TO EACH STATE IN EACH FISCAL YEAR.

STATE	Int. Rev. Col. 1950	Kick-back to States & Ind.	% Ret.	Int. Rev. Col. 1951	Kick-back to States & Ind.	% Ret.	Int. Rev. Col. 1952	Kick-back to States & Ind.	% Ret.	Int. Rev. Col. 1953	Kick-back to States & Ind.	% Ret.	STATE
Alabama	$221,208,454	141,886,520	65.39	298,452,466	126,667,671	42.44	386,401,865	107,980,989	27.94	398,372,462	95,111,901	23.86	Alabama
Arizona	74,822,094	32,358,825	41.21	106,417,924	32,399,593	30.44	142,525,946	35,623,549	25.59	165,840,697	31,984,728	19.29	Arizona
Arkansas	105,425,486	97,637,829	92.61	130,984,457	95,375,552	72.96	157,252,659	77,824,998	49.49	162,118,030	72,607,475	44.78	Arkansas
California	2,794,713,395	378,150,511	13.41	3,558,227,539	346,489,944	9.73	4,645,285,491	306,717,965	6.60	5,287,729,417	339,630,484	6.42	California
Colorado	272,505,614	82,946,372	30.44	355,849,385	77,001,460	21.76	375,121,587	65,605,922	17.49	681,289,581	70,995,930	10.41	Colorado
Connecticut	592,874,470	50,013,896	8.43	818,038,816	38,958,392	4.76	1,099,976,150	33,692,967	3.06	1,228,088,551	32,535,562	2.65	Connecticut
Delaware	356,901,137	9,315,234	2.61	566,957,101	8,349,421	1.47	768,958,453	7,893,904	1.03	845,322,825	7,389,011	0.89	Delaware
Florida	359,387,115	112,946,202	31.43	467,624,260	107,994,759	23.09	595,248,791	100,084,248	16.81	657,865,268	86,973,619	13.22	Florida
Georgia	392,518,088	152,407,021	38.17	497,447,795	141,815,626	28.47	657,358,721	126,977,736	19.92	708,215,686	123,137,799	17.39	Georgia
Idaho	71,828,836	31,427,021	43.75	91,354,452	32,105,915	35.14	117,674,165	27,853,451	23.62	117,604,461	29,022,780	25.51	Idaho
Illinois	3,996,892,658	256,761,525	7.78	4,529,996,624	202,710,885	4.65	5,380,942,145	176,076,204	3.27	5,878,353,501	168,272,715	2.86	Illinois
Indiana	971,283,542	103,317,565	10.61	1,202,616,546	85,095,494	7.08	1,358,804,349	72,880,827	5.36	1,630,727,456	74,671,797	4.57	Indiana
Iowa	343,223,492	90,028,916	26.08	458,239,605	81,521,885	18.58	522,706,820	77,887,976	14.90	536,525,871	74,603,240	13.91	Iowa
Kansas	307,925,520	67,802,800	22.02	385,361,879	58,214,735	15.10	464,875,950	55,156,700	11.86	534,957,561	64,592,242	12.07	Kansas
Kentucky	857,699,175	97,332,262	11.35	1,056,514,846	90,585,619	8.57	1,191,984,968	80,482,598	6.75	1,314,696,491	76,530,877	5.81	Kentucky
Louisiana	350,570,822	182,703,471	52.11	410,122,482	179,171,796	43.69	494,046,790	136,767,374	31.75	540,751,062	137,479,085	25.42	Louisiana
Maine	106,910,352	27,088,132	25.33	127,370,116	24,580,171	19.29	165,137,282	20,965,039	12.83	177,777,837	21,867,614	12.30	Maine
Maryland — D. C.	1,130,796,682	108,837,187	9.62	1,417,285,966	140,175,242	9.90	1,754,732,659	115,670,288	6.59	1,941,422,478	106,432,650	5.48	Maryland — D. C.
Massachusetts	1,127,641,137	145,875,792	12.93	1,496,571,308	146,442,645	9.80	1,858,265,072	107,611,424	5.85	1,913,610,801	110,029,561	5.71	Massachusetts
Michigan	2,747,570,685	177,440,026	6.45	4,156,021,742	144,470,510	3.47	5,060,018,463	125,006,650	2.45	5,870,122,580	130,290,129	2.29	Michigan
Minnesota	629,726,416	101,919,861	16.17	786,750,261	90,239,781	11.47	972,841,722	78,279,009	8.04	1,040,300,944	85,166,048	8.19	Minnesota
Mississippi	88,306,655	137,540,394	152.88	113,976,845	108,590,440	95.58	139,819,236	92,995,589	66.51	142,525,435	71,604,720	50.31	Mississippi
Missouri	1,102,085,115	188,345,291	17.09	1,392,271,994	160,044,711	11.50	1,604,931,732	153,898,801	7.67	1,856,156,915	139,656,501	7.52	Missouri
Montana	74,864,365	33,682,250	44.99	91,690,015	34,613,015	35.25	116,095,770	30,094,182	25.94	122,724,817	32,150,325	26.20	Montana
Nebraska	261,560,875	52,546,996	20.10	334,020,815	51,195,039	15.31	392,654,420	46,990,974	11.96	409,329,046	42,842,352	10.46	Nebraska
Nevada	35,446,339	10,139,187	28.60	47,505,504	9,670,564	20.36	62,808,996	9,131,984	14.57	79,262,324	13,161,651	16.61	Nevada
New Hampshire	68,755,137	15,901,199	23.11	87,177,119	14,610,501	16.76	111,732,884	12,390,416	11.09	122,726,651	12,395,552	10.10	New Hampshire
New Jersey	1,153,975,046	115,684,150	10.02	1,460,314,212	85,525,048	5.86	1,900,153,814	66,901,011	3.52	2,051,700,986	65,232,559	3.22	New Jersey
New Mexico	57,906,251	35,359,651	61.06	80,607,200	35,879,902	44.44	102,222,161	35,321,998	34.76	112,791,705	34,008,594	30.15	New Mexico
New York	7,215,466,515	399,750,026	5.54	9,243,924,051	345,822,642	3.74	12,327,410,912	298,566,646	2.42	12,996,197,025	286,078,374	2.20	New York
North Carolina	1,131,446,605	152,137,226	13.44	1,237,159,956	130,988,567	10.42	1,522,192,718	113,982,807	7.49	1,611,536,549	94,736,720	5.88	North Carolina
North Dakota	52,054,181	29,691,576	57.04	57,686,071	30,665,615	53.15	69,364,173	31,734,941	45.75	71,401,540	30,871,714	43.24	North Dakota
Ohio	2,435,580,906	220,189,654	9.04	3,292,928,469	169,122,171	5.15	4,537,755,396	152,506,058	3.35	4,849,079,829	137,944,158	2.84	Ohio
Oklahoma	413,470,362	133,635,478	32.08	494,893,021	117,124,007	23.66	639,375,248	106,252,751	16.61	656,009,051	103,313,662	15.75	Oklahoma
Oregon	262,968,480	61,537,550	23.40	361,516,696	53,994,428	14.93	464,266,508	50,667,388	10.91	472,892,053	56,184,615	11.88	Oregon
Pennsylvania	2,964,383,617	364,563,889	12.29	3,888,470,430	286,116,608	7.36	5,132,731,104	212,509,694	4.14	5,380,536,946	183,279,726	3.16	Pennsylvania
Rhode Island	183,795,665	25,923,615	14.10	239,708,504	21,864,280	9.12	293,138,524	20,166,402	6.87	298,684,677	18,892,331	6.32	Rhode Island
South Carolina	178,019,825	92,288,234	52.42	191,338,842	82,551,046	43.14	261,641,514	71,690,774	27.18	266,782,452	64,547,578	24.12	South Carolina
South Dakota	56,717,659	27,854,006	49.11	64,283,915	29,725,521	46.24	76,068,806	30,032,818	39.48	76,804,968	31,215,606	40.67	South Dakota
Tennessee	518,025,571	173,490,322	34.89	598,609,019	140,875,680	35.29	494,018,830	105,701,739	21.39	520,956,821	95,511,067	18.33	Tennessee
Texas	1,290,622,384	338,714,189	26.24	1,683,259,145	290,389,525	17.24	2,154,556,611	274,643,715	12.86	2,272,857,627	227,899,606	10.03	Texas
Utah	84,012,611	35,078,693	39.37	109,552,371	34,361,074	31.29	146,667,940	32,256,608	22.00	152,590,785	32,518,286	21.34	Utah
Vermont	37,110,077	15,028,562	40.49	48,675,291	11,525,124	23.67	67,180,678	10,479,641	15.59	75,151,680	11,604,344	15.44	Vermont
Virginia	744,061,228	71,130,187	9.56	863,146,269	65,361,252	7.57	1,051,423,656	60,446,068	5.75	1,124,430,915	65,059,459	5.80	Virginia
Washington-Alaska	462,153,326	97,102,502	21.01	602,653,864	86,121,485	14.29	790,417,876	90,454,851	11.31	851,607,325	97,643,322	11.46	Washington — Alaska
West Virginia	203,947,245	56,061,374	27.49	245,969,187	46,271,556	18.81	316,781,118	40,746,396	12.86	301,745,274	46,521,355	15.42	West Virginia
Wisconsin	758,371,617	96,948,599	12.79	963,172,326	81,965,115	8.51	1,286,079,809	74,597,021	5.77	1,407,284,417	76,596,571	5.44	Wisconsin
Wyoming	37,425,939	22,835,915	61.02	48,984,119	23,517,644	48.01	63,643,726	21,239,151	33.37	63,790,618	23,464,184	36.78	Wyoming
Hawaii	81,400,815	23,709,276	29.12	98,022,630	22,478,671	22.93	134,995,730	23,492,588	17.40	136,518,686	26,718,876	19.60	Hawaii

	1950	1951	1952	1953
INT. REVENUE COLLECTIONS	$48,997,131,768.37	$51,487,378,065	$65,009,585,560	$70,117,917,819
Returned to States or Individuals	5,518,879,345.00	4,850,097,620	4,241,158,202	4,053,943,794
PERCENT of collections returned	14.16%	9.42%	6.52%	5.78%

FEDERAL SPENDING IN 3½ MONTHS OF FISCAL 1955

The Daily Statement of the United States Treasury for October 15, 1954 shows that the spending for the 3½ months of fiscal 1955 totaled $21,441,250,523.17 and the computed deficit was $6,553,384,756.

From July 1, 1945 to October 20, 1954, the Government of the People of the United States has created contingent liabilities for our taxpayers to meet of over $500,000,000,000 more. Thus, over a trillion dollars will have been poured out by the Federal Government in a period of approximately 15 years for all kinds of adventures in the field of internationalism and social welfare.

Many times in the past we have pointed out that an economy running on debts, deficit financing, and deferred payments was heading into trouble.

Here are the latest and best figures on the Public and Private Debt.

Federal Public Debt		$278,775,000,000
State and Local governments debt	28,620,000,000	
Consumer Credit, including charge accounts at Department Store, etc.	28,100,000,000	
Non-farm Mortgage Debt, July 1954	87,900,000,000	
Net Corporate Debt, Long and short term, plus accounts payable	179,396,000,000	
Farm Debt:		
Farm mortgage debt	7,600,000,000	
Farm Production loans	9,093,000,000	
Commodity Loans from C.C.C.	1,326,000,000	
Private Debts other than farm and non-farm mortgage:		
Bank Loans	8,043,000,000	
Commercial Loans and Accounts	12,086,000,000	
		362,164,000,000
Total NET Public & Private:		$640,939,000,000

Paul O. Peters, Statistician
Washington, D.C.

TRUCK SERVICE — Left to right: Charlie Harmer, Earl Bennett, Clem Desmond, Marshall Moody and Vincent Stein.

WELDERS — Left to right: Bill Wilson, Fireball Bentley, Steve Stevens, Walter Kaminsky and Joe Gunnel.

THE LEGEND OF THE POINSETTIA

(Rose Austin)

Clinging to this colorful and most popular Christmas plant is a very sacred legend. The early inhabitants of Mexico tell most earnestly that in Cuernavaca, Mexico, it was the custom for every Church and chapel to have a manger in which lay an image of the Infant Savior.

On Christmas Eve the village folk flocked into these places to decorate it in His honor with flowers. On one Christmas Eve, in the outer district of Cuernavaco, a small dark eyed child grieved and mourned because she had no flowers to take to the manger of the Christ Child. But as she cried, a beautiful angel appeared before her and said, "Lovely child, weep no more. Go pluck a weed from the roadside, bring it to the Altar, and wait."

The little girl arose and did as the angel told her, and when she had placed her weed on the altar, it immediately became a vivid scarlet whorl. And today the Mexicans will tell you that is the reason why the poinsettia is today the most prized of all Mexican flowers for the beloved Christmastide.

But do all the lovers of the poinsettia in the United States know for whom it was named? We are indebted to Joel R. Poinsett of South Carolina, for the discovery of this colorful Christmas plant. In March 1825 he was appointed the first American Minister to Mexico, and while there he found a simple and attractive green weed which had as its flower a bunch of yellow pods that formed the center of a scarlet whorl. In 1836, after it was brought to the United States, this weed was recognized by the country's leading botanists as a very rare flower. While its botanical name is Euphorbia Pulcherrima, the botanists named it poinsettia after the famous Southerner. He was also Secretary of War.

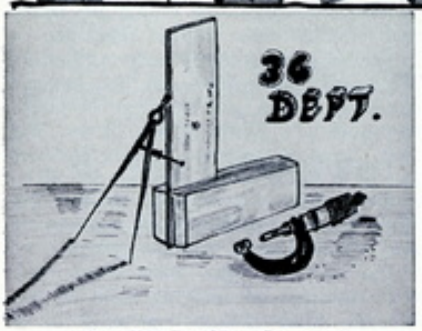
Contributed by DICK CLENDENING

SUN SHIP MEN'S BOWLING LEAGUE

Team Standings
November 19th, 1954

	Won	Lost
1. Timekeepers	30½	9½
2. Hull Drawing "A"	26	14
3. Office	22	18
5. Safety	18	22
6. Truck Service	18	22
7. Supers	17½	22½
8. Welders	8	32

TURKEY WINNERS:
C. Desmond — Truck Service
219 plus hcp. 28 = 247
M. Moody — Truck Service
211 plus hcp. = 237
$5.00 PRIZE:
E. Humphreys — Safety
218 plus hcp. 18 = 236



By Dick Clendening

36 Dept. takes this opportunity to wish one and all a VERY MERRY CHRISTMAS AND A HEALTHY, HAPPY AND PROSPEROUS NEW YEAR!

There is something in the very season of the year that gives a charm to the festivity of Christmas. At other times we derive a great portion of our pleasures from the mere beauties of nature. Our feelings sally forth and dissipate themselves over the sunny landscape, and we "live abroad and everywhere." The song of the bird, the murmur of the stream, the breathing fragrance of spring, the soft voluptuousness of summer, the golden plump of autumn, earth with its mantle of refreshing green, and heaven with its deep delicious blue and its cloudy magnificence — all fill us with mute but exquisite delight, and we revel in the luxury of mere sensation. But in the depth of winter, when nature lies despoiled of every charm and wrapped in her shroud of sheeted snow, we turn for gratifications to moral sources. The dreariness and desolation of the landscape, the short and gloomy days and darksome nights, while they circumscribe our wanderings, shut in our feelings also from rambling abroad, and make us more keenly disposed for the pleasure of the social circle.

Our thoughts are more concentrated; our friendly sympathies more aroused. We feel more sensibly the charm of each other's society and are brought more closely together by dependence on each other for enjoyment. Heart calls unto heart; and we draw our pleasures from the deep wells of loving kindness which lie in the quiet recesses of our bosoms, and which, when resorted to, furnish forth the pure element of domestic felicity. — WASHINGTON IRVING.

As for the New Year: Opportunities will unfold, every day, every week and every month during the new year. They are the stepping stones to achievement. It will be a good year if we will banish from our minds the disappointments of the past and prepare to embrace new hope, new faith and a refired ambition to make 1955 a year of plenty. May good health and happiness make the New Year a great year for you and yours!

Congratulations and all good wishes to Frank Soltis, who at the time of this writing, is honeymooning in Alaska. We are hoping he will put in a good word for us with Santa Claus if he should happen to run into him up that way. . . . No doubt you have heard many people say: "I was never sorry for something that I didn't say". But let me quote Jan Struther on this subject—he said: "Speech may sometimes do harm; but so may silence, and a worse harm at that. No offered insult ever caused so deep a wound as a tenderness expected and withheld; and no spoken indiscretion was ever so bitterly regretted as the words that one did not speak".

It took "Hazel" to put Charlie Hill in bed at 5:30 P.M. . . . Our old friend Charlie Painter is now employed at the Ritz Carlton Hotel in Atlantic City. . . . From W. J. Turner in "A Pictorial Guide to Many Lands"; An old South African native was told he had to be taxed because the government, like a father, protected him from his enemies, cared for him when he was sick, fed him when he was hungry, gave him education and, for these reasons, needed money. Taking it all in, the old native replied slowly: "Yes, I understand it. It is like this: I have a dog and the dog is hungry. He comes to me and begs food. I say to him: "My dear faithful dog, I see you are very hungry. I am sorry for you. I shall give you meat". I then take a knife, cut off the dog's tail, give it to him and say: "Here my faithful dog, be nourished by this nice piece of meat, a present from me to you." Three cheers and a tiger, and stand on your head, for these government "handouts"! But doesn't the meat taste good?

Anyone planning to go to the office in 36 Shop is advised to carry a flashlight in order to be able to see immediately after leaving. . . . Who else but "independent" Johnny would walk home in the rain when the Mrs. met him with the family car?

A city girl asked the dairyman why cream was so much more expensive than milk. "It's the cow's fault, ma'am," was the explanation. "They find it much harder to sit on the small bottles."

There's nothing like a dish towel for wiping that contented look from married faces — agreed?

We can learn much from the calendar. It plans its work a year ahead and never fails to finish on time.

Protect the birds — the dove brings peace, the stork tax exemptions.

We can easily forgive a child who is afraid of the dark. The real tragedy of life is when men are afraid of the light.

We understand that 84 Dept's. George Moyer raised cain when he learned that the dog food cost more than the soup on his menu. . . . While on the 84 Dept. subject — did you hear about their secret meeting? Everyone was there!

We were all sorry to learn of the hospitalization of Drydock's Dave Moorhead. Well liked and highly respected by all, he has all our most sincere wishes for a speedy and complete recovery. . . . Welcome back to "Andy" Anderson who has been quite ill and hospitalized. We hope he will enjoy better health from here on in.

Charlie Young, formerly of 36 Dept. who has resided in Cape May for quite some years now—owning and being Captain of his party boat, the Redman — has been seriously ill and hospitalized and is now home on Lafayette St., Cape May. He is slowly improving, and a visit or card from some of his old buddies would undoubtedly help considerably. As for this column, we most sincerely hope and pray that his complete recovery may be effected very soon. . . . That thermometer of the "Farmer's" seems to be stuck on 26° — always the same old temperature out his way.

Nothing is easier than fault finding; no talent, no self-denial, no brains, no character are required to set up in the grumbling business.

Ever hear about the man who called a spade a spade until he fell over one he had left on the cellar steps?

Here's a verse that isn't so funny;
Too much month at the end of the money.
And a tale of 2 drunks who were wandering
along the railroad tracks! "These are the longest stairs I ever saw."
"Yesh," said the second one, "but it's these low hand-rails that get me."

$42,000,000 job rumor (concerning Sun Ship) inspired by a newspaper headline was the brainchild of Les Jillson. He created quite a furor and several faces, who forgot the old adage about believing half of what you see and none of what you hear. . . . Webbie Sherman became a "grandpop" for the first time when his daughter, Nancy, presented him with a grandson.

By Harold Baker

Oakie Twadell has purchased a movie camera and he plans to hunt game with it. We are sure that with a little luck as far as the game is concerned, Oakie will turn out some excellent wildlife movies. . . . Al Davis has been showing a renewed interest in photography. On a recent trip he made some very nice colored pictures at Gettysburg. Keep up the good work, Al.

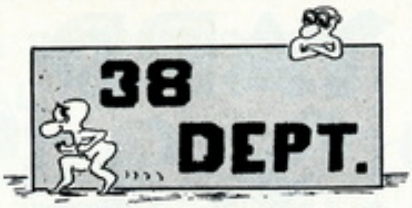
Joe Greco is riding around in a beautiful new Chrysler New Yorker, it looks as though Christmas came early for Mr. and Mrs. Greco. . . . Crawford Laird has returned to our group from the Wetherill Plant. He resumed his lunch time checker game with Oakie Twadell, but Oakie outclassed him so much that Lairdy left our place and now he plays checkers with the riggers at lunch time. We hear the riggers are kind enough to let Lairdy win a game now and then.

We are glad to have Alex Maslanik and George Mumford back in our gang again. . . . We hear that a girl named "Hazel" visited Farmer Snow's place and she picked all of his apples. She also visited your reporter's place and picked off most of our apples, uprooting some of the trees at the same time.

This is the time of the year when Joe Hubert begins to make wiring diagrams and track plans for his Christmas time toy train layout. When the season is just about over, Joe will manage to get everything running again.

The end of the year is rapidly drawing near, and many of our fellow employees are no longer with us. This saddens us; however, we made many personal friends among those who left and some of us will keep up the friendships we have made. As we look to the future, we all hope the shipbuilding industry will become better. It is up to all of us to do whatever we can to help improve this situation in our country. We want to wish all of our former employees the best kind of success in whatever new endeavor they may undertake.

We hope everyone can have a very MERRY CHRISTMAS AND A HAPPY NEW YEAR!



By Bob Wilson

We are happy to report that all members of 38 Department came through the recent hurricane without serious injury to themselves or their immediate families, although some did receive some property damage. . . . Ralph (fancy shirt) Morgan now has a new pair of glasses (thanks to "Hazel"). Maybe these will help a little when he picks out those wild colored shirts. . . . Vic Bowers was around the office trying to recruit help to pick his apple crop. He wasn't very successful around here, but he did get one helper—a Southern girl named "Hazel". Now all Vic has to do is try to find his apple trees.

Mr. Ed Baker, that grand old gentleman who until recently was a member of 38 Department, has been around to visit several of the department staff at their homes. They report that he is hale and hearty and looks fine. They also mentioned that Mr. Baker would like to see some more of his old pals from the yard; that he is nearly always at home, so just drop around!

Gloria is sporting a new hair style these days. Although the gang in the office throw the usual gripes, "Did you get it caught in a lawn mower?", etc., they all agree that it is very becoming to you, Gloria, so don't worry.

Congratulations to Mr. Bryson, our guardian of the vault and all matter pertaining to the vault. Mr. Bryson recently became a grandfather for the seventh time! He has not yet received a grandson, all his grandchildren being girls. The most recent one was by his daughter, Jean, who is a former Sun Ship employee. This is Jean's fourth daughter.

84 DEPARTMENT NEWS

By "Whitey" Burr

Weasel Lynch would like to know how to get home to Wilmington after midnight. He tells us the transportation from the yard is very bad, and Mom is after him for being so late getting in. If anyone working on the 2nd Shift drives up and would like to have a rider, get in touch with him. . . . Ellis had a committee from his home to meet him the other evening when the "Big Top" delivered him in Glenolden. We are all wondering which was his wife? . . . It sure was great to see some of the old gang back working here, and we all hope they will stay. From all reports, things should be getting better and our yard will come out with a lot of work.

From the underground we learn that Gerald Evans and his wife are looking for a TV set that does not show any Wild West shows. It is reported that their star boarder, Morris Bullock, is sold on these shows and is now looking for a good used cowboy outfit so he will feel right at home. Anyone having a slightly used one, get in touch with Gerald of 33 Dept. Cranes.

Senator Morgan was sure doing some tall talking before election, and now we are wondering just how he stands. Surely he has not forgotten all about his pals Fine and Duff! . . . George Moyer tells us his son was to come home before Xmas, but now things have changed and he will be over there for sometime yet. Maybe, George, he has a nice girl friend and hated to come back at this time.

"Muddy Waters" O'Connor is becoming a very fine painter. So, if you need some work done, see Arthur at the Harding room. . . . Lester Jillson, of the "Big Top," is trying to get a landing platform put in at his street so he may get off on a fly at nights. . . . Jane, of the "Big Top," looks better after her operation and said it is a good way to lose weight.

One of the biggest jokes of the year was that special meeting held in the dressing room of ours, but pals, we all had a good time so no hard feelings. . . . One of the most important things of today is just what are we going to do in regards to helping our law officers in fighting juvenile delinquency? Right now, this is a very serious problem not only here but all over the country; and we must stop it now before we are too late. It is time our teachers started using the rod again and those at home should do the same, for surely it is not up to our public officials to do this. If they do, I am in favor of them starting to get a little tough; for it sure does look like that is the only thing they know. Why not a curfew for all under 18 years? If you check, you will find that quite a few of those arrested are just young boys and girls. If we hope to have a strong country, we must clean this mess up; so why not help and do your part.

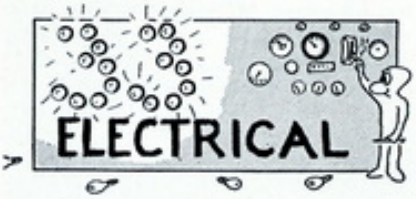
On November 11, I again had the pleasure of attending that wonderful service held in Washington at the Tomb of the Unknown Soldier. I hope that we never have to go to war again, for after you see this great cemetery filled with your comrades it sure makes you think.

It is reported that Styer, Redman and a few others are looking the new cars over. If this story is true, all they are waiting for is their little lady to open up the bag and let some of the money see a little light. . . . We are all glad to know that Haebel was not hurt too bad last week, and that he is up and around again. He sure has a tough head!

Bud McKniff is enjoying his vacation down in Florida. You did not have to go there, pal, for the weather has been swell for the past two weeks. . . . From all reports, Dot of the Guard Dept., sure had some time trying to get home the night of the big storm. It took ten police cars to get her out and back to Holmes, so she could get a new start to

Quakertown. We of the "Big Top" are wondering if she has any stock in that big still the revenue men found up in that town. If this is true, we hear the Chief is very much interested.

Jerry Hartz is still out sick and we all hope that he will be getting along soon for he sure has had a long spell this time. Maybe he doesn't know he is getting older all the time.



By John F. Hefflefinger

To start our column we trust each and every one has had their share of turkey and fixings during the Holidays, and won't get too tired of soup. And now we are wondering what the "Pigskin Fans" will do now that the season is about finished. Well, it won't be long before the basketball gang take the spotlight, so I suppose everyone is happy after all.

Now that work has hit bottom in the yard and so many men have left us for a time, we find news items to be on the scarce side these days. . . . As the work on 593 finished, more and more men were placed over on the Powerhouse rebuilding job and others on the copper salvage project in North Yard. Hubert Johns is in charge of the "Copper Mines" and from reports is doing a fine job. The eels seem to be an added feature. For details see Big Jeff.

Happy little old Bill Hadley has come back on Day Shift after a spell on 2nd Shift, and has taken charge of dismantling and moving the equipment from No. 4 Yd. down to the Powerhouse project. . . . Collins and Fickenscher are the original "Gad About" boys — here, there and everywhere these days.

Frank McManus of Armature Shop is having parakeet trouble. Seems he had one bird run over, while another, who usually perched on his son's shoulder, was carried out of the house as the lad was on his way to school. A passing truck frightened the bird which flew off and has not been seen since. Better start using cages, Frank!

Our foreman, Mr. Oscar Holt, has returned after a pleasant month vacation. He visited his folks down Louisiana way and then over to Texas. . . . Joe Thunder of Armature Shop bid us all farewell recently as he left to take over the cares and problems of the food market he purchased. We all wish him the best of luck as a "Butcher Boy". . . . We wish to extend a belated big welcome back to Mert Neiman upon his return to his duties after his lengthy spell in the hospital due to his operation. Glad to see him recover so well, tho' some of his buddies don't seem to think so.

And just what seems to be Bill Draper's big problem these days? . . . Andy Rankin and his wife have returned after a trip down thru Virginia, spending some time at Williamsburg coming back home on the Skyline Drive and over the new Bay Bridge across the Chesapeake. They returned sooner than they had planned as Miss Hazel was on her way north, and they just kept ahead of her all the way home. All hands report a fine time in spite of the storm.

Anybody want or need a cat? See Ed Bythrow in the Armature Shop. . . . From hints dropped here and there, we are quite sure that vacations will be the topic again during the Christmas Season. . . . Your reporter is on vacation down Florida way now, so save up your notes!

By the way, don't forget to have your car inspected and get your Christmas shopping done early. Your New Year resolutions can come later! . . . How did the hunters of our department fare this past month? Have had no stories. Hope the deer men do better, we could use some items. . . . Last month we congratulated "Fifty" Fithian over winning the Safety Slogan Contest, for the third time. Fine work, Fifty, but what's the matter with the rest of the department?

Joe Newman is driving a nice new Buick these days. . . . Anyone have any TV antennas to install? If so, just see Walt Singles. He can sure qualify now. . . . "Jiggs" Detwiler is doing a fine job as a snap-on representative. But how is the remuneration, Jiggs? . . . Ed Shisler has had it rather lonely since Smitty left him alone in the shop. He sure welcomed the construction boys with their project. And we are quite sure he was somewhat entertained by the singing from the Armature Shop.

Abie, who formerly ran the drill press in the shop, was a visitor to the yard a few days ago to see his friends. . . . Ed Kennedy is now expeditor for our Maintenance Dept., but at the noon games he is not doing very much to raise the morale of his pals. . . . Page Groton was off on vacation the week of Thanksgiving. Frank Buffington handled his duties while he was away. . . . We are quite sure the trouble shooting was handled very efficiently when Jake Newman went on the job on the Eastern Sun recently.

As this is our last column this year, we wish at this time to extend to all in the department a VERY MERRY CHRISTMAS AND A HAPPY AND PROSPEROUS NEW YEAR.

So long, boys, see you in 1955!

TO THE EDITOR:

We would like to take this opportunity to offer our deep appreciation for the kind expression of sympathy offered by the Hull Supervision on the recent loss of my Mother.

Sincerely yours,

Mr. and Mrs. John Singley and Family

By C. J. Grauel

That cold, cold day arrived and on October 30th & 31st, Tom Larkins had "Little Joe" Ambrosino, Earl Moody and Elmer Fisher down for that long promised week end of fishing at Stone Harbor. Little Joe "The Blanket Salesman" taught the boys how to play Scopa (Sweep) and what the well dressed man from outer space wears to sleep, and in turn the boys taught him how to play poker. The main reason for the trip, which was fishing, was ruined due to the bait stores being closed for the season — which they claimed they didn't know. The boys asked me to express their thanks to Mr. Kahler for the hospitality of his home.

Jack Davidson and his wife got back from a two week vacation which they spent touring Florida. They also paid their son, Jack, a visit. He was on his two week training period with the Naval Reserves. . . . In the Sun Ship Men's Bowling League, Hull Drawing "A" and Timekeepers are running neck and neck up to now — with Timekeepers in 1st place as of this writing.

What started out as a Storm Sash Demonstration at Elmer Fisher's home turned out to be a first class poker session. Elmer did not buy the storm sash because he lost all his money (30c). P.S. Why is "Little Joe" always light in the kitty, and who ate all the cheese, crackers and pickles?

Dick and Jody Ambrosino, sons of Little Joe, play on the P.M.C. Football Team. Through their efforts and good play Dick as right guard and Jody as quarterback, were a big help in P.M.C. coming thru with an undefeated season.

The Musician's Union Members were increased by one John Borsello, Jr., who came into this world November 19th, 1954, at the Sacred Heart Hospital, Chester, Pa. Union card No. 7.1250 lbs. The proud parents Mr. and Mrs. John Borsello, already have a boy and girl.

So in closing this month, on behalf of Hull Drawing Room, I would like to express our wishes that yours will be a MERRY CHRISTMAS AND A HAPPY NEW YEAR.

HOW LONG IS THAT FINGER?

Safety's E. E. White reports one accident during the third quarter as follows: "30-Boilermakers. Compound fracture left middle finger. Pinch bar he was using slipped and end of finger jammed into plate shop."

We thought of pacing off the distance between the boiler and plate shops — but decided it would be easier to ask Ed, how long the finger measured.

In another instance: "Sprain right shoulder on Hull 593. Stepped on loose plank and fell 8 feet, landing on longitudinal". We thought you said "shoulder".

By L. "Fireball" Bentley

This column extends deepest sympathies to Jack Singley, of 46 Dept., on the recent death of his mother. . . . "Legs" White of the 2nd Shift, "Little" White and Norm Dulin of the Day Shift report they are going bear hunting up around Williamsport. A report will be made when they return. That party should have a few bear tales to relate upon their return.

Speaking of hunting — Connors likens a hunting license to a marriage license. Reason? They both limit you to one "Dear"! But Connors has been wondering lately if his better half loves him like she did in the beginning, for now she wraps his lunch up in road maps! . . . Bill Bell of 46 Dept. would like to know why they call Ches "Crystal Ball" Pochmara, of the same department, "Maxie"? So would everyone else.

Mr. and Mrs. Joseph Rusek recently observed their 29th wedding anniversary on October 31st. They celebrated this milestone of their happy married life at the Alpine Inn. They were joined by their children Joseph, Jr. and Carolynne. . . . Charlie Gear said he would like to see Gerald Evans submit some new fishing pictures for the magazine. Seems he is getting tired of seeing the old ones. Incidentally, Gerald, smoked herring are now out of season.

On a recent trapping expedition around #1 Shipway, "Whitey" Gurula of 58E managed to trap an ornery, fighting, old gray tom cat. After letting the cat out of the trap, he did catch a good size possum. . . . Sam Parncutt of the Counters relates that Bush Cochran of Safety has been wearing Hilbert Coopers old clothes when out hunting. Bush was out hunting last week, and according to quite a reliable source (namely, Smilin' Joe Shea) he came rather close to a farmyard as he was tramping through the fields. He saw some birds on the ground, and let go with both barrels. He took his kill home and was as proud as a peacock when he entered the house. But his boy turned to dismay when he was told the birds were chickens and not "white pheasants".

While on the subject of pheasants, here is another story. A. Bouchelle and Russian Mike went gunning. Russian Mike spotted a pheasant, or we should say, a pheasant's head in the bushes. He fired at the head, and when he went to pick up the bird all he picked up was the head. Mike you had better see Buck "Shotgun" Deppner to get some lighter explosives for your shells. Joe Trakin laughed loud and long, and stated he never saw a pheasant without a body. What have you got to say, Mike?

Ben Good offers this toast to Denton, Maryland: "Here's to the chigger with a head no bigger than a pin. But the welt they raise hurts like sin, and that my pal, is where the rub comes in!"

Is it true that Jimmy "The Painter" Madden took a horn full of artificial fruit to a friend in the hospital? Stanley "Gummy Gum Drop" claims Jim saves money this way because he doesn't have to replenish the fruit. Jim must have brought more than one cornucopia, because he gave one to his wife for her birthday present. After presenting his wife with the fruit, he took her to the popular El Rancho. He was doing the Mambo when he bumped into Jim "Jitterbug" Yacono. "Yaco" told Jim he didn't have his mind on his dancing because he was trying to figure out what Harry Renz; Sr. meant when he said, "Who thinks he is the Beau Brummel of 59 and 60 Dept. since something has been added to his countenance"?

A reckless driver is a fellow who passes you on the highway in spite of all you can do!

A note to Pat Patruski from the men of the 2nd Shift: Please keep the wind to your back when smoking those charcoal-broiled hemp cigars. . . . Why do they call Ben "Farmer Boy" Parnell, (of 2nd Shift Sheet Metal Dept.) the "Stainless Steel Wizzard"? Could it be because he doesn't know stainless from black iron? But then, such is life.

Arthur "Whitey" Brittingham has heard that quite a few young ladies have been stopping B. "Gus" Constantini and asking him what time it is. Wonder why? . . . "Ham" Schriver, 2nd Shift fitter, recently appeared with a pair of slightly colored optics. When questioned, he stated he visited a high class cafe and was stricken by the beauty of it.

It is much better to sit tight than to try and drive in "that" condition.

George "Admiral" McDonald lost an election bet to Clarence Wise. Al Wagner told Clarence he had better take the money to the bank to see if it was legal tender. It was so old it could have dated back to the Civil War era. Believe it is only the second time in his life that the "Admiral" has lost a bet.

Say it with perfume. Say it with mink. But fellows, beware, don't say it with ink!

There is an old Irish proverb stating, "There is no strong drink, it's only mankind who are weak". Whereupon "Curly" Willis of Safety, remarked, "Then I sure saw a lot of weak people last Saturday night!"

Safety rules are made for men, yet many a fool will break them!

John O'Rangers of the Dispensary is wearing the smile of a contented man. The reason for that mile wide smile being that St. Thomas Moore beat West Catholic for the first time in 18 years. In John's book the "Tommies" are the champs of the League. John, Jr., former star with St. Thomas Moore, is now a student at St. Joseph's College. Edward is still in high school and is a member of the band.

They say marriage is a great institution, but Homer said "Who wants to live in that kind?" It isn't quite by accident that he calls his girl friend "Grapefruit" — he squeezed her and got hit in the eye! . . . Henry has a new style haircut. Notice the vacant spot on top. Talking about hair and haircuts brings the following retort from Jesse McDaniels. "I get gypped every time I get a haircut. They should charge by the hair, not by the head!"

A son eating his breakfast paused and asked: "Mother, why doesn't daddy have any hair on his head?" Mother: "Because he has to think a lot". Son after a few seconds pause: "Mother, why have you got so much hair on your head"? Mother: "Eat your breakfast, Junior"!

If you see good in everyone, then you can call yourself an optimist; then again you may be crazy!

"Danny" Daniels of the 2nd Shift, says his trousers are religious. In other words, they are very holy. C. "Jenks" Jenkins mentions the fact that "Danny" is now taking vitamin pills, so beware!! . . . Matt Mooney of 45 Dept. had the distinction of being the first shipfitter to work on Hull 594. He earned this distinction by being awarded the Gold Star Medal for his outstanding service and devotion to duty during the construction of Hull 593, now the Western Sun. Matt received the medal aboard the Western Sun from genial Bob Van Horn.

Some of the men of 59 and 60 Depts. left service during the last few weeks, due to lack of work. To name a few and not name all would not be fair. But to take exception to the above we would like to mention two guys who did quite a bit to keep everybody happy and maybe forget some of their worries. They were Bob Hahn, Jr., known as the "Bugler"; and Bill "The Whistler" Bowen. Good luck to all of you, and we hope to see you all back here again very soon.

It is an ill wind that blows somebody no good!

Deepest condolences are extended to John Orr of 59 Dept. upon the loss of his mother. . . . A hurry up and get well and back to work order is now issued to Mike Bonar and Dave Moorhead. . . . Emerson Gatchel is back on the job again after recovering from a rather serious operation.

Art "Motorcycle Joe" DeLaCour has returned from a 13,000 mile jaunt that took him through some of the most scenic wonders of this country. Some of the places that he visited included the Grand Canyon, Carlsbad Cavern, The Badlands, The Petrified Forest, etc. The entire trip was made by motorcycle.

This column in behalf of the men and supervision of 59 and 60 Depts. extends the Seasons Greetings to all. Have a Cheery Christmas and may the New Year really be a Happy One!

HAZEL WAS HERE

Score in 1st Frame — 1 Gantry Crane

68 DEPARTMENT RIGGING

By H. "Clovehitch" Sanborn

After you live in one place for a few years, you hate to leave it. Our new locker room is nice; but you sometimes have a feeling of nostalgia for the one you left — especially on cold days. . . . Mac said he was going to retire on November 1st, but we still see him around every day. Maybe he meant 1955.

What happened to the welder's bowling team? Anchored in last place! We know it couldn't be because of the two riggers bowling with them. . . . Johnny says he is still waiting for the offer of 5 pair of wool gloves for a new free pair. Odds are that he doesn't get them. . . . When are 18 ft. pendants not 18 ft? Answer — when they are 17'2". Somebody's rule must be made out of unsanforized rubber or they lost 10 inches off the end.

"Fishcake" says Hazel didn't do any damage to his antenna. He has one of the highest in the city. . . . One of the boys was talking to Tony Johnson last week. He is about 85, I think, and still looks and feels good. Best wishes to you, Tony!

The checker matches have started now that cold weather has set in. From what I hear, Bobby is still champion. Played in our new locker room during lunch time, any other good players are invited. . . . Here is a wish for a MERRY CHRISTMAS AND HAPPY NEW YEAR to all the boys in our department and throughout the yard. May the year of 1955 also be a prosperous one.

67 CLEANERS

By Al Bagby

Here it is time to write again, but I have no one to talk about. I was going to talk about Bill Irving's panama hat, but since he has put it in mothballs for the season I guess we will have to forget it. I do have two new members for the Snowsuit Club — they are Ross Holland and Mart Williams. It has been decided that the first man to come to work with red ones will be named as president of the club.

Mart Williams told me a few weeks ago that he had finally landed a fish. He said it was a 16 lb. carp. That is either a big carp or a big story, so you fellows take it any way you like. . . . Henry Pearson, if I were you, I would keep an eye on Major Palm. I don't think he means any good for you; and in a way I don't blame him, it looked all right to me. How about arranging a blind date for me? . . . Major was telling me that when it comes to sand-blasting, Val Jones and the Nelson boy just don't rate with Popeye Carter of the 2nd Shift. He said this fellow creates a one man sand storm that can be seen way down to Marcus Hook. So wise up, Val, your rep. is at stake!

J. Register tells me that so far this year he has bagged nine rabbits. I didn't do any hunting for small game, but a friend of mine gave me two nice young ones and they were wonderful; and then my nephew gave me one that must have done a lot of hard work in its day. It was tough as a Ford tire and tasted like a pair of safety shoes. No more rabbits like that, I hope! . . . I will be going to Williamsburg, a place just east of Altoona in the Tussex Mountains, on the 26th of November for a week of deer hunting. If I am lucky, I am going to have a dinner for some of my good friends whom I think will enjoy venison. So, hope that I am lucky! And by the way, when I come back I will be ready to join the Snowsuit Club, as I know how cold it will be up there.

Our hats are off to Big Tom and Shorty Nelson who see to it each day that the kittens are fed. Even those around who don't like cats will agree that they are a fine healthy bunch. Keep up the good work Tom and Shorty! . . . Word is going around that Bob (The Brain) Smith will soon be operating a new car. I hope if he does he will take Cool Breeze for a nice long ride, and I don't mean a one way ride. . . . Big Mack, when are you going to have that big dinner for the gang? You made a promise a long time ago, and the boys are hungry. Be sure that you invite Stump Brown.

Well, that is about all, so take it easy and don't overeat on the holidays that are ahead. See you in the mountains. The things I wish for may sound uncouth — not riches or diamonds, just my youth.

74 DEPT. BULLETIN

By Mike Znachko

A little late, but welcome, comes the news that the United Air Lines were accorded an exceptionally rare treat recently when they were extended the honor of conveying the honorable E. E. White of the Safety Dept. to Germany for a visit with his son, who is stationed there with the American Occupation Forces. It is reported that the (Senior) Ed was met (with much fanfare) at the airport by a committee of the powers that be, in Germany, and a mammoth parade was held in his honor.

After thirty-five years of diligent and loyal service to the company, William (Bill) Kealey, of the Torch Repair Bench, has chosen to spend the remaining years of his life reclining in the comforts of home by entering voluntary retirement. On behalf of the supervision and personnel of this department, and the huge host of friends throughout the yard, we want to take this opportunity to extend to Bill our "Most Sincere Wishes" for many long years of contented retirement, together with a full cup of health and happiness.

Ed. Scheer, 47 Dept. Burner, along with Mrs. Scheer, returned by airways from Florida, where they enrolled their daughter, Frances, in the University of Miami School of Nursing. Frances is seeking a Bachelors Degree, and we take this means to wish her the utmost success in her venture. . . . It has been brought to our attention that Charles Gear of 58 Dept., was responsibile for the traffic tie-up in the parking lot recently, when his car stalled for the lack of gas in the middle of the quitting time rush. Confusion reigned until Bush Cochran, of the Safety Dept., came to the rescue by towing Gear's car out of the way. Bush suggests that Charlie syphon some finances from the Pipe Smoking Tobacco Fund and transfer it to the Maintenance of Motor Vehicle Fund.

Consistent rumors have it that Dinny Clare, of the Personnel Office, was seen some time ago in front of the ticket window of the Stanley Theatre, loudly proclaiming to all and sundry, that he wanted his money refunded due to the fact that the televised showing of the bout between Rocky Marciano and Ezzard Charles (for which he paid his admission fee) failed to materialize.

Another staunch warrior has left the field of battle and passed on to his reward, Louis Guidetti, of No. 1 Way Toolroom, heard the call of the "Master" and reported for promotion to a higher post, Friday, October 2. Prior to his death, Louis resided with his wife and famly at 908 Lafayette Ave., Prospect Park. Funeral services were held for the deceased, Thursday, Oct. 7 at St. Gabriels Church, Norwood, Pa. To those who survive him, we humbly and most sincerely extend our "Belated Condolences."

Theodore Roosevelt once said: "Beware of the man who does not translate his words into deeds."

Israel Benn, James Kerrigan and Pete Hilferty were among the spectators to witness the Johnny Saxton-Kid Gavilan fiasco which was held at Convention Hall, Phila., recently. . . . We are informed that Mert Neiman, of 33 Dept., was the recipient of several tempting offers from various liniment and rubbing compound manufacturers to pose for posters in their advertising campaigns. However, we are pleased to see that Mert has returned from the local medical institution in good shape again.

The members of our Fishing Club are quite perturbed over the fact that certain individuals have made a practice of going about strewing false promises around, very loosely. Seems that Gerald Evans, after partaking of a sumptuous dinner at the Bill Styer household (some time ago) arose from his seat at the table and glibly announced (in the presence of witnesses) that, In appreciation for an "excellent meal," he would see to it that Mrs. Styer was presented with "an excellent box of chocolates." Results, as of this date, NO CANDY! HMM!

Willie the Wise Owl says . . . Some people think they are big shots just because they explode!

It has been brought to our attention that certain individuals of this department have taken up the art of dancing "Ballerina" style. May we suggest that you watch for posters announcing the opening of the "Ballet a la 74 Dept."

Clarence (Pete) Sweigert of 84 Dept. has been informed that his son Ronnie, who is a Cadet at the Carson Long Military Academy, Carlisle, Pa., has been promoted to Company Sergeant, and also been chosen for the football squad at that institution. PROUD POP!

Mr. and Mrs. Frank Cowan have returned from a two week vacation which they spent with their daughter, Mrs. Dave Shattuck at Ticonderoga, N. Y. . . . Jim Pidcock has returned after enjoying a three week vacation touring the countryside. . . . Jim Bunker, of No. 1 Way Toolroom, spent a two week vacation attending to the various minor repairs that continually crop-up around the homestead.

Strange things do happen * * While on a recent gunning trip, Charlie Nyce of

WILLIAM A. ADELMAN
74-56

WILLIAM (ABE) ADELMAN was born in the city of Philadelphia, on September 13, 1896, the son of Rebecca and William Adelman, Sr. who were engaged in the grocery business in that city. Two years later the family moved to Wilmington, Del. where Abe attended the public schools of Wilmington, later attending the Spring Garden Institute and Temple University of Phila. Upon completing his studies, he secured his first position as a material sorter with the Wilmington Mfg. Co. later joining the Wilson Line, as a refreshment stand operator on the pleasure boats. He then joined the Pullman Car Works, a subsidiary of the Penna. Railroad, as a sheet metal worker, and later entered the employ of the Pusey and Jones Shipbuilding Corp., serving in the same capacity.

He then joined the Harlan-Hollingsworth Corp. of Wilmington, where he learned the chipping and caulking trade, following the same trade with the Federal Shipbuilding Co. of Kearney, N.J., the old Chester Shipbuilding Co., the McClintock-Marshall Const. Co. of Fairfield, Md. and the old Cramp Shipbuilding Corp. of Phila. Pa. In 1920 he entered the employ of Sun Ship as a Heater Boy in 55 Dept. and with the exception of several lack of work periods, remained in 55 Dept. as a Chipper and Caulker and Tank Tester. In 1933 he transferred to 74 Dept. as a helper, attaining the rank of Leader during the war years when he was placed in charge of the North Yard Toolroom, third shift. Abe is considered an expert Torch Repairman, a position he holds at the present time.

In 1923 he met and courted Miss Nora Margaret of Wilmington and was later married in the City Hall of Wilmington. They were the proud parents of one son William Jr. who established quite a record for himself during his three years of service with the United States Marine Corps — two years of which were served in active service in the South Pacific — and now an employee of the General Motors Corp. of Delaware. In 1947 he was bereaved of his wife, Nora, and in 1949 was remarried to Miss Romayne Estella of Scranton, Pa.

Abe is affiliated with the Fraternal Order of Eagles and derives much pleasure in traveling and spending his week-ends at the seashore during the summer months. He resides with his wife, Romayne, at 1115 West 6th St., Wilmington, Del. His congenial nature and his long record of service, along with his willingness to always lend a helping hand, has contributed generously towards the esteem in which he is held by his fellow employees.

59 Dept., observed an old discarded metal tank with an air pump attached to it. Charlie immediately decided that the pump could be put to good use on his boat and proceeded to dismantle the tank, minus the benefit of tools of any sort. After struggling valiantly with the object for approximately 1½ hours he finally removed the pump, fastening it to his gun-belt; and after toting it around the brush for a good four hours, BELIEVE IT OR NOT, as he approached the car, Charlie gave the pump one grand heave into the woods. HM!

Anthony Vanello of No. 2 Way Toolroom, and Wm. Ferrell of the Pipe Shop Toolroom have severed relations with this department, to seek employment in other fields. . . . Rufus Ingram spent a week of his vacation attending the bedside of Mrs. Ingram who was confined at the Presbyterian Hospital in Phila. May we extend to Mrs. Ingram our "Sincere Wishes" for a quick and speedy recovery.

With the cold blasts of winter beginning to knock at our back door, the danger of home fires also increase, twofold. John L. Ogden, our Fire Marshal, offers these reminders as an aid in keeping fire away from your home and family:

(1) Don't smoke in bed.
(2) Don't use frayed electric cords.
(3) Remove all cellar, attic and closet junk.
(4) Don't overload electric outlets.
(5) Don't use ordinary extension cords on heaters, irons, etc.
(6) If your chimney is sparking, get it fixed!
(7) Don't use flammable cleaning fluids.
(8) Don't be careless with cigarettes.

Follow these simple rules and chances are good that the next home that burns won't be your home!

"MAY WE WISH YOU A VERY MERRY CHRISTMAS, FOLKS!"

YOU WILL DO WELL

to put your Christmas Mail in early this year. This year's volume is expected to hit a new high.

Use full and accurate addresses — for some less experienced (temporary) postal help will handle your mail and packages. They cannot read hieroglyphics as well as the more experienced personnel.

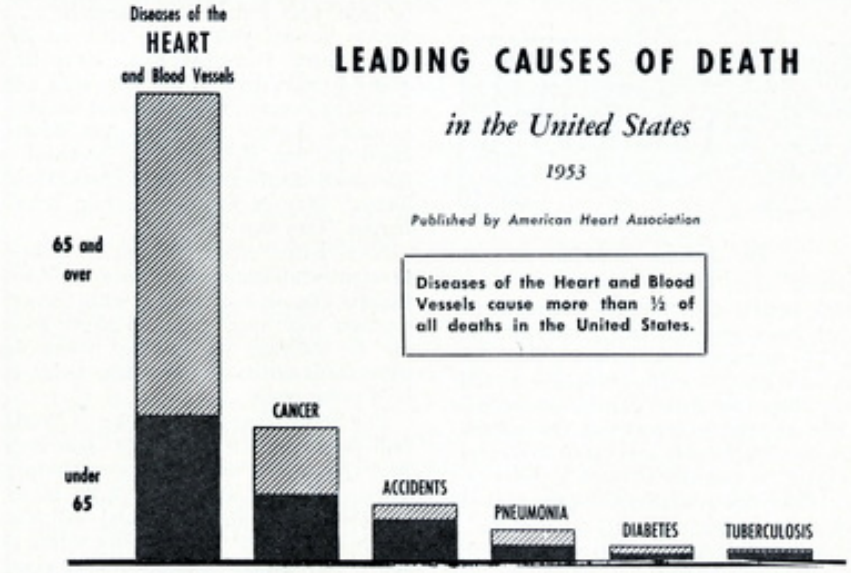
A three cent stamp on your Christmas card envelopes, will assure return to you if undeliverable for any reason.

Make your personal mailing deadlines:

December 8 — for out-of-town packages.

December 10 — for local packages and cards.

December 15 — for cards in this area — earlier for out-of-state. This will bring your greetings to everyone in time for a MERRY CHRISTMAS.



	Diseases of the Heart and Blood Vessels	Cancer	Accidents	Pneumonia	Diabetes	Tuberculosis
Deaths 65 and over	547,100	117,420	26,630	27,230	15,160	5,800
Deaths under 65	247,020	111,690	69,600	25,100	10,230	14,070
TOTAL	794,120	229,110	96,230	52,330	25,390	19,870

Latest Available Figures From The National Office of Vital Statistics

DISEASES OF THE HEART AND BLOOD VESSELS are responsible for more deaths than all other causes combined. As indicated in the above chart, they head the list even when we consider only deaths in the most productive years below 65. This underscores the importance of the 1955 Heart Fund, which enables the American Heart Association and its affiliates to fight the heart diseases through research, education and community heart programs. Send your contributions to your local Heart Association, or to "H-E-A-R-T," care of Post Office.

Heart and circulatory diseases now account for more than 794,000 deaths annually, or more than twice the number of all soldiers killed in action during the first 170 years of our nation's existence, it is pointed out by General Mark W. Clark, National Chairman of the 1955 Heart Fund.

General Clark, former Commander-in-Chief in the Far East and now President of The Citadel, military college at Charleston, South Carolina, explained that battle deaths among the nation's armed forces totaled approximately 345,000 from 1775 through 1945. He continued:

"Despite a cardiovascular death toll of nearly 800,000 and despite the fact that more than 10,000,000 Americans suffer from the heart diseases, the outlook warrants hope and optimism. Medical science is making profoundly significant strides toward the conquest of these diseases.

"Man has never faced a greater challenge. The complex problems of heart disease extend into many branches of scientific investigation. Working quietly and relentlessly in universities, medical centers and laboratories are many skillful teams including biochemists and electronics engineers, physiologists and technicians, pharmacologists and surgeons, as well as many others. It is to their work in solving the problems of heart disease — to the tasks of your doctor in treating heart disease — that all of the resources of the American Heart Association are dedicated.

"The surest way to hasten victory is through support of the 1955 Heart Fund."

By Joe McBride

Judging from past performances, the deer population of Lycoming County will remain just about the same. Oh well! Curt Temple will get a week vacation away from home anyway. . . . A "Welcome Home" to James Jenkins, son of Mrs. Elizabeth and Marine Rigger Elliott Jenkins, upon his recent discharge from the Armed Forces.

Crane Operator, "Mike" Morley and Mrs. Morley, are sojourning in Florida. The "Son of the Old Sod" says, "It's the next thing to a visit to Old Erin's Isle." . . . The two love birds, Reilly and Boyer, always see eye to eye with each other. They have to, neither one would dare turn his back on the other.

Jack Sulger, of the Mold Loft, tells us that he experienced some difficulty in getting a plane from Tampa to Philadelphia and had to go to New York instead. This did not sit too well with him. Just think how mad it would have made you, Jack, if the plane had continued on to London.

By Eddie Wertz

Hazel sure was a witch! Don't ask which Hazel; what with the stories of no lights, trees, roofs, chimneys, and most of all, TV antennas down. Cherry fixed his and now gets an extra channel — as did some others. So Hazel did do some good!

We are sorry to report that Owen Rodgers, our Blacksmith, was taken to Crozer Hospital on October 13 with a heart attack. Everyone is wishing him the best of luck and a speedy recovery. . . . Cris Redfern retired October 14 with a flying start. He left early but will be back to say goodbye, fellows! . . . Frank Savage (retired) dropped in for a visit looking very well. He was all dolled up like an executive.

Note to Mrs. Gillespie: There is a big black circle around the Anniversary date for next year. Please see that Jack has the icebox full. . . . Seems as if Johnnie Gorman of Patternshop is not allowed out of Chester. When invited to a big football game free of charge, he found fifty excuses not to go; but was seen at P.M.C.'s game. Johnnie when you go to the games, don't forget your new glasses so you won't get hit.

Bill Doran said "As I drive to St. Joseph's College so much, I've taken up geography and English." He doesn't need the geography, as he knows the route to Scranton, Pa., as for the English — well, a wee might wouldn't hurt. . . . John Kosmider, Wetherill's top surfman, spent his vacation at the "Grave Yard of Ships" Cape Hatteras fishing, winding up with a 30 lb. sea bass. Johnnie said "I've completed the Drum family — black, red, spotted, etc., don't know what's next." But you will find him roving the fields and woods now hunting season is here.

Harry Finck, Bill Kaufman and your reporter were up to the VA Hospital to visit Frank Leinhauser who is coming along fairly well. Frank said "It was my wife's birthday and our 26th Wedding Anniversary on October 15th and I'm in here." Well, Frank, the boys are wishing you'd get out of there and celebrate many more together at home. So keep a comin', and best wishes from everyone. OK, so the elevator gal hit me on the head with the elevator door on our way up to see Frank, but why does Kaufman have to be so jealous?

Glad to see Eddie Hoffmeister back on the job again. Eddie had to get back before he started wearing a pith helmet like Ramar of TV. . . . Emsley caught a 29", 5¾ lb. bass — not big enough to stuff for his trophy room — so he gave it to Don who stuffed it in himself. . . . Archie Brown paid us a visit on the 25th. Sorry I missed him. Hear he's quite a jitterbug with his gray shirt and matching sweater. Going to paint the stick to match, Archie? . . . Thompson did not know he was sick until he received a "get well card" from the "Black Hand Gang." Why is Kaufman calling Schulberger "Tom Sawyer?"

Nice letter received from "Cracker" Louzon who states the ocean off Vero Beach, Fla. is just boiling with "blues" on their way South from up North here. He is enjoying the fishing before us snow birds arrive — good thing we do or he'd never work.

Big Flash! Everyone arriving at Wetherill Plant Oct. 28 received a cigar from Jim Quatermus. Yep, he's a grandpop again — 12 A.M. It's a boy, 2 lb. 11 oz. Jim said he's a Southpaw, and will give us the name later. . . . Holmes wants to know why Maitland is always worrying about him?

Teddy Blake hopes to bag some turkeys and a deer on his vacation. Claims he's a regular Pilgrim; if he doesn't shoot a turkey he'll have none for Christmas. . . . George Robinson was operated on November 1st at Chester Hospital. We are all wishing him the best and hope this edition finds him at home. . . . Which crane operator from 2nd shift left on his hunting vacation with two cans of sardines and a tea bag in his pocket? Watch your step, Teddy, they may charge for hot water. . . . Hear Nick Stewart bought a new "Thunder Bird." But take it with a box of salt not a grain, until it's confirmed.

Bill Kaufman was operated on November 4th at Lankenau Hospital, while George and Bill are in for a repair job. The boys miss their wit and friendly smiles. So let's get back fast fellows! . . . As we go to press, glad to report Owen Rodgers is coming along well!

INTRODUCING MRS. LORRAINE AND MISS DENISE KANDRAVI, superintendent and foreman of Jack Kandravi, when he is at home.

We hear Jimmie Lewis was dressed as a woman Holloween, going around collecting apples for the next few weeks lunches. . . . Someone gave Rowles a goose for Thanksgiving, but why did he get Schulberger and try to pull his hair out? Jules did not give it to him. . . . Jimmie Jackson tells us he's going to be allowed out of Chester again right after the Christmas Holidays to visit his daughter up in the New England States. . . . John Kandravi has promised pictures of his daughter for the December issue as did Jackson of his grandchildren. So keep your eyes peeled.

MAY WE TAKE THIS OPPORTUNITY TO WISH YOU AND YOURS A VERY MERRY CHRISTMAS AND HAPPY NEW YEAR!

SOME OF THE MEN who work on the Linde Air Products machines at Wetherill Plant (Picture by Kandravi)

Left to Right, Back Row: Bill Kaufman, John Barrick, Supt. William Smith, Andy Reich (Linde Air, Inspector), Karl Lutz, John Hamala, Oscar Garrison.

Front Row: Harry Finck, Herby Taylor, Norman Fisher, Clarence Harvey and John Kandravi.

In Memoriam

Sun Shipbuilding and Dry Dock Company extends its sympathy to the family of PAUL JORGENSEN, 69-7, 1214 Morton Ave., Chester, Pa., who died on November 3, 1954.

WILSON DAVIS, 62, of 411 W. 2nd St., Chester, Penna. died October 19, after several months illness. He had worked at Sun Ship for 20 years as a reamer and bolter. Survivors include his wife, Bessie L. Davis; three sons, Lonnie, Cardie and O'Neal Davis; a daughter, Mrs. Lola Fitzpatrick and eight grandchildren.

EDWARD J. DWYER, 58, of 224 Woodrow St., died on October 15. Born and raised in Chester, Pa., Mr. Dwyer had previously worked for the Aberfoyle Mfg. Co. He came to Sun Ship in 1937 as an electric truck driver in 80 Dept. In 1938 he transferred to 47 Dept. where he worked up from a helper to a first class machinist — a position he held at the time of his death. An avid baseball fan, he had for many years been known as the "black cat" when he was a catcher with several industrial teams. Mr. Dwyer was a member of the order of Eagles and had served in the Army during World War I. Survivors include his wife, Elizabeth Dwyer; his mother, Hannah Dwyer; three sons, Edward, Jr., Robert and Thomas; and a daughter, Mrs. Betty Marker and four grandchildren.

THANK YOU

In response to our request for back copies of OUR YARD for the Sun Oil library, we were pleased to receive them from JOHN KEENEY, formerly of 55 Dept., and DICK HALL, A.B.S. Inspector. Phone call offerings were also received from BILL REYNOLDS, 33 Dept.; and GERALD EVANS, 33 Crane Operator.

The Christmas Story

Now the birth of Jesus Christ was on this wise: When His mother Mary had been betrothed to Joseph, before they came together she was found with child of the Holy Spirit. And Joseph her husband, being a righteous man, and not willing to make her a public example, was minded to put her away privily. But when he thought of these things, behold an angel of the Lord appeared unto him in a dream, saying, Joseph, thou son of David, fear not to take unto thee Mary thy wife: for that which is conceived in her is of the Holy Spirit. And she shall bring forth a son; and thou shalt call his name Jesus; for it is he that shall save his people from their sins. Now all this is come to pass, that it might be fulfilled which was spoken by the Lord through the prophet, saying, Behold, the virgin shall be with child, and shall bring forth a son, and they shall call his name Immanuel, which is, being interpreted, God with us. And Joseph arose from his sleep, and did as the angel of the Lord commanded him, and took unto him his wife and knew her not till she had brought forth a son: and he called his name Jesus.

Now when Jesus was born in Bethlehem of Judea in the days of Herod the King, behold, wisemen from the East came to Jerusalem saying, Where is he that is born King of the Jews? for we saw his star in the east and are come to worship him. And when Herod the king heard it, he was troubled, and all Jerusalem with him. And gathering together all the chief priests and scribes of the people, he inquired of them where the Christ should be born. And they said unto him, in Bethlehem of Judea: for thus it is written through the prophet, and thou Bethlehem, land of Judah, art in no wise least among the prices of Judah: For out of these shall come forth a governor, who shall be shepherd of my people Israel.

Then Herod privily called the Wisemen, and learned of them exactly what time the star appeared. And he sent them to Bethlehem and said, go and search out exactly concerning the young child; and when ye have found him, bring me word, that I also may come and worship him. And they, having heard the king, went their way; and lo, the star, which they saw in the east, went before them, till it came and stood over where the young child was. And when they saw the star, they rejoiced with exceeding great joy. And they came into the house and saw the young child with Mary his mother; and they fell down and worshipped him; and opening their treasures they offered unto him gifts, gold and frankincense and myrrh. And being warned of God in a dream that they should not return to Herod, they departed into their own country another way. Now when they were departed, behold an Angel of the Lord appeareth to Joseph in a dream, saying, Arise and take the young child and his mother, and flee into Egypt, and be thou there until I tell thee: for Herod will seek the young child to destroy him. And he arose and took the young child and his mother by night, and departed into Egypt and was there until the death of Herod: that it might be fulfilled which was spoken by the Lord through the prophet, saying, Out of Egypt did I call my son.

"SNOWED IN" WITH SOAPSUDS, this young artist paints a holiday greeting for guests. "Snow" is made by whipping up soap and a little water with a rotary or electric beater until it reaches a meringue-like stiffness. The scene will stay bright and glistening 'till mother easily wipes it off with a damp cloth after the holidays.

SOAPSUDS DRIFT LIKE SNOW on this gay and festive tree, keyed to holiday spirits. Apply thick suds from top of the tree to the bottom, and from trunk outward to the tip of the branches. Suds stay firm and won't shed.

GET SNOWED IN FOR CHRISTMAS — WITH SOAPSUDS!

Glistening Decorations the Whole Family Can Make For A Whiter, Brighter Christmas

When the jingle-bell season rolls around, 'sno need to bank on the weather for a white Christmas. You and the whole family can "get snowed in" with the prettiest decorations this side of Santa Land — all made from glistening drifts of soapsuds!

One of the greatest joys of soapsuds "snow" is that cleaning up doesn't plow you under, when the festivities are over. This "snow" melts off mirrors and windows at the touch of a wet cloth, and leaves them as bright and shining as the new year. And because this decoration won't shed, your floor and rugs stay neat — giving you a holiday from the vacuum cleaner.

Besides being inexpensive, trimming with soapsuds allows your children to take an active part in bringing a cheery yuletide glow to your home, for the whole frothy business is really child's play.

Use a rotary egg beater or electric mixer to whip up the suds in a pitcher or in a deep, narrow bowl. A very minimum of warm water should be added to the soap before beating. Whip until the suds are "dry" and the consistency of thick cream.

These are some of the things kiddies can do with suds and a paintbrush: Decorate windows and mirrors with a jolly Santa face, "Merry Christmas" lettering, snowmen, icicles, candles, and many other signs of the season. Supply the children with sharp slivers of soap, so that they — or you — may make preliminary sketches on glass surfaces which then can be traced with soapsuds for greater accuracy of design. When applying soapsuds, allow the first coat to dry, then add one or two additional coats, with gentle touches, to give the design richness and depth. Little cylinders of sparkle-sprinkles can be had at dime stores. Shade some of the sparkles over the wet soap drawing for added glitter.

When applying soapsuds to a tree, use a long-handled wooden spoon or wide paintbrush. Work from the top to bottom of the tree, and from trunk outward to branch tips. Let dry, then heap on another coating. If you like, decorate the little wet snow-puffs on the branches with holly berries or sequins which will "dry in." The soapsuds "drift" enough to look natural on the tree, wreaths, or any other pieces of greenery.

Scouring powder also makes festive trims for mirrors, windows, and glass doors. Using a paste made of the powder and a bit of water, the whole family can sketch scenes, Santas, and reindeers all over glass surfaces. Again, you can make preliminary sketches with a soap sliver. Or you can spread an entire glass surface with the paste and trace the drawings with a fingertip dipped in water. After the holidays, "erase" the drawings with a clean, wet cloth.

Evergreen twigs are often difficult to place gracefully in a vase. But they can be used attractively for the mantlepiece or table centerpiece if twigs are driven deep and firmly into a cake of soap — something else the youngsters can do with ease. They also can treat candles to prevent smoke or drip — by rolling each candle between their well-soaped palms.

So gather the clan — some Christmastide — dip into drifts of snowy soapsuds, and frost your holiday house for the merriest holiday of all — for all!

THICK SOAPSUDS, applied with a wooden spoon or wide paintbrush, makes this wall wreath glisten with new fallen "snow."

And While the Family Works Fix Yourself Refreshment as Follows:

Holiday Punch

1 cup pineapple juice
1 (12 oz.) can frozen orange-juice concentrate
½ cup lemon juice
¼ cup maraschino-cherry juice
Block of ice
2 quarts chilled ginger ale

Combine juices and mix well. Pour over ice in punch bowl and add ginger ale. Garnish with masaschino cherries. Makes 25 punch-cup servings.

Holiday Pineapple Eggnog

6 eggs
½ cup powdered sugar
¼ teaspoon cloves
2 cans (No. 2 size) pineapple juice

Beat eggs until thick and lemon-colored. Add powdered sugar and cloves gradually and beat thoroughly. Heat pineapple juice to boiling and slowly stir into egg mixture. Serve immediately with dash of cloves over the top. Makes 12 servings.

What Christmas Really Means

Harry D. Sanborn, 68 Rigging Dept.

The stars were shining brightly
The night was dark and clear.
The sheep were resting quietly
Knowing their shepherds were near.

The shepherds were huddled together
'Twas cool in the early morn.
A smoldering fire was beside them
To help to keep them warm.

Suddenly from out of the heavens
A bright light did appear.
The shepherds looked in amazement
And wondered, and shook with fear.

"What is this" they asked each other,
"What is happening tonight?"
The light grew brighter and brighter
And the more they shook with fright.

Voices came out of the heavens,
"Fear not" the angels said.
The shepherds fell on their faces,
As if they were stricken dead.

"Fear not, for the news I bring
Is joy for the coming days.
A Saviour Christ is born tonight,
The world will rejoice always".

The angel chorus started to sing
"Glory to God on high,
Peace on earth, good will toward men"
Resounded through the sky.

"Go to the city of David
To a manger near an inn,
There you will find the Christ Child
Born to save you from sin."

After these glorious tidings
The shepherds arose to their feet,
"Let us go into Bethlehem
This precious Saviour to meet".

They found the babe in a manger
With Mary and Joseph near,
They fell on their knees to worship
The Christ Child so sweet and dear.

Do we still worship our Saviour
At eve or at breaking day?
Have we forgotten His sacrifice?
Have we gone astray?

As we celebrate on Christmas
Give thanks to God for his Son,
For his loving, forgiving nature,
To the world He conquered and won.

Make a joyful noise unto the Lord, all ye lands.

Serve the Lord with gladness; come before his presence with singing.

Know ye that the Lord he is God: it is he that hath made us, and not we ourselves: we are his people, and the sheep of his pasture.

Enter into his gates with thanksgiving, and into his courts with praise: be thankful unto him, and bless his name.

For the Lord is good, his mercy is everlasting; and his truth endureth to all generations.

Psalm 100

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