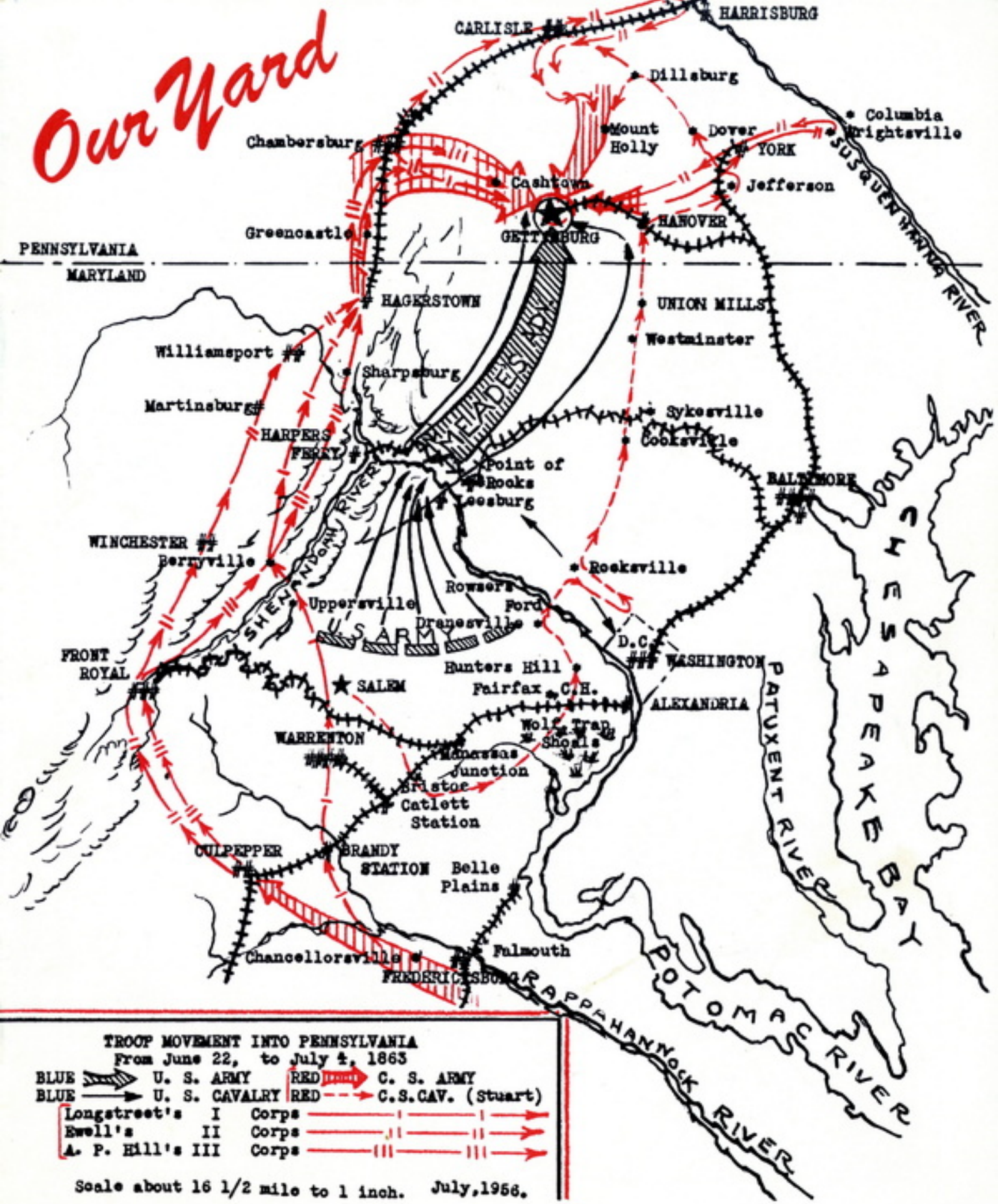
Our Yard



SUN SHIPBUILDING AND DRY DOCK CO., CHESTER, PA. • JULY, 1956

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

"Respectfully Yours"

SUMMER allows many of us the opportunity for the recreation or sport closest to our hearts. It's a great season for fresh air, sunshine and health generally (and waistlines).

Many of our younger shipyard employees are getting a good workout on the softball diamond. Others are on the beaches or in the mountains almost every weekend. And there's the fraternity of fresh and salt water fishermen about whom Mike Znachko regularly reports in Rod and Gun.

For me, next to vacationing with the family, its out on the links, forever trying to hit that elusive pill in fewer strokes, while 'holing out' eighteen times. The other day, just enjoying a post-mortem about the game started a chain of thought.

What ramifications, research, enterprise and ingenious skills go in to providing us with the tools and facilities for the sports we so much enjoy! Can you imagine what we would have (or lack) if a Commissar for Recreation was responsible for the planning and provision?

We talk about private enterprise, the free market economy etc. in business — and I was wondering if our recreation doesn't illustrate the fabulous development of materials for our enjoyment, health and better life, even better than business examples.

Who decides how many #4 wood clubs will be manufactured in 1956? What research determines whether a golf ball with a liquid center is superior to one of rubber? Where and how many golf courses will be laid out?

What variations of flexibility in the tips section of how many types of fishing rods? Can spinning rigs displace the long approved plug casting rods and reels? Will the torpedo fly line create an "over production" of level lines — for the brown trout purist, or the general fly rod enthusiast, or both?

Three of the new bats have been split by Sun Ship sluggers. Is the quality sufficient, the price right? What weight tennis rackets with nylon stringing should Chester sporting outlets stock this year? How many awls, how much gut for the do-it-yourself artists? Ice compartments in picnic baskets; what size portable barbeque stoves?

This sketch, seems to me, to be ample evidence of the miracles of our economic system, which somehow, some way provides a pretty wide selection of various colored shoelaces, in several lengths, of different materials, in convenient locations and at modest prices. Hence any one of thousands of products for our pleasure is the aggregate of hundreds of independent and voluntary decisions made by individual owners, employees and supervisors.

Free market? Private enterprise? Profit motive? surely no planners with complete power and responsibility could match this abundance of material things as this system where workers, managers and investors alike say "respectfully yours" to the customer, or, lose a job, go out of business and take a financial loss.

So the next time you participate in your sport, join me for a moment to pay your respects to the American heritage, the American way — and have a good outing.

PRESIDENT R. L. BURKE RECEIVES 40 YEAR PIN

SUN MANAGEMENT'S LONGEST SERVICE RECORD dates back to the month of earliest yard construction. Richard L. Burke, who started as a chargeman in a Chester bank building drawing room on June 26, 1916, was recently presented a 40 year service pin by Treasurer, William Craemer as many office employees stood by to convey congratulations.

Mr. Burke, born in Cape May Court House, Oct. 23, 1888, and served New York Shipbuilding Company for nine years as hull draftsman, before coming to Sun. It was during this period that he completed three years structural engineering at Drexel Institute and one and one-half years of naval architecture at Franklin Institute. All of this study was in night school.

In 1917, as chief draftsman in charge of all structural work, Mr. Burke was responsible for all drawings for the building of #1 Dry Dock in 1920. The following year he married Elva M. Shibe — they had two sons.

Promotion to Vice President and General Manager came in 1927 along with many developments such as all-welded shipbuilding, and more yard expansion. Mr. Burke became Sun's third president in 1950.

Congratulations Fab Shop!

The accident record for the month of MAY was the best of the year — so far. Only four lost-time accidents stood between a very good record and a perfect one.

It is certainly good to see that 59 Dept. returned to the fold for the May Safety Contest. This department with its perfect record received 34 crisp one dollar bills.

One of the outstanding departments in the contest has been 47 Fab. Dept. This department, one of the larger ones in the yard, has been in the winning column every month since the contest began in January of this year!

It might be said that the winners outnumber the loosers 8 to 1 for the month of May, or at least it would seem to be a fair statement that the safety-minded men in the yard and Wetherill Plant include 8 out of every 9 men on the rolls.

Everyone wants to be a winner, and everyone can be a winner in his own mind if he works safely and sees that his fellow employees work safely. It is not the value of the one dollar bill that he is working for, but the idea of being a winner!

June 18, 1956

Dear Mr. White:

In reply to your letter of June 13, Mr. Rounds wishes to thank you for the dollar bill enclosed for the May accident contest. He didn't know anything about it, so it was a nice surprise.

Yours truly,

(Mrs.) G. Paul Rounds

SPECIALLY ENGAGED FOR THIS DRAWING: ED CLARK and ELEANOR CARLSEN pick the Lucky Buck winners in the May Safety Contest. Anna May Sulger of Stenographic officiates.

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ORGANIZATION AND GETTYSBURG

MONDAY MORNING QUARTERBACKING

By Sterling Becton

While July 4th marks our date of Declaration of Independence it suggests all of our heritage of freedom. July 4th, 1863 marks the end of a campaign in the war between the states, in which the "Federals" maintained our Union. Independence and basic unity are perhaps second only to the principles of limited government and freedom under God upon which America built it's greatness. We should be familiar with their origin. In any event, this story is local history, and entertaining as only Sterling Becton can write it.

It illustrates the importance of: a) a clear objective, b) organization, and c) communications. These are things all of us can understand.

Organization is the backbone of any project whether it be building or destroying. Peace or war!

July marks the 93rd anniversary of the Battle of Gettysburg, it also marks the greatest demonstration of poor organization of the 19th century.

Gettysburg is in the current news for a second time in history but in a more favorable light. It has now become the home of the Chief Executive. This incident brings up another fact that follows organization; "Monday Morning Quarterbacking." Recently he said in effect to the press that 'the South's loss at Gettysburg was due to Lee's cavalry being absent from the Army'. Could be! The General should know. However it is also good to know he goes along with the average 'little man' in our great national pastime relative to the event that happened nearly a century ago. How long we keep this great heritage is our responsibility.

So pull up a comfortable chair, turn off the T.V. and let's go! If the General is not above a good old session of kicking quarterbacks around, neither are we!

My mid-June 1863, Fredericksburg and Chancellorsville were history. These two Southern victories, especially Fredericksburg, had a great influence on the South's defeat at Gettysburg; that is, if I may also indulge in our great pastime in the defense of the so-called "goat" of the Gettysburg campaign.

Fredericksburg made a confirmed defensive fighter of Gen. Longstreet — 'let the enemy come to you' — and that is how Fredericksburg was won.

UNION'S GEN. GEORGE G. MEADE

General Robert E. Lee was of sterner stuff — 'the enemy is there and there we will attack'. General A. P. Hill had the misfortune of attacking 'head-long' before supporting forces were ready or in position, due to poor organization in the General Staff. It happened at Mechanicsville, Gettysburg and later with disastrous results in Virginia. A poor organization always keeps a "goat" (or has one in the making) to cover it's own short-comings!

Gen. Richard S. Ewell after the loss of a leg (and a late marriage) seemed to drift on and off to the point that the men in the ranks began to wonder who really commanded the II Corps.

General James Ewell Brown Stuart, to the army better known as "Jeb" Stuart, was called by General Sedgewick, a Northern adversary, "the greatest cavalry officer ever foaled in America." The cavalry under Stuart was the elite of the army. The "Glory Boys" were never popular with the hard slogging foot soldiers. It hasn't changed much. The present day Army and Navy still call the 'fly boys', 'feather merchants' — out of envy of course!

Stuart had been assigned to take over Jackson's division just before midnight at Chancellorsville when Jackson was shot by his own men. At midnight he commanded a division of infantry as well as his own cavalry. It was his greatest hour! His admirers said he did well. His critics knowingly shrugged it off. However Chancellorsville was a victory, and victory never points to the standard of a defeatist!

During the reorganizing of the army, Stuart was in his headquarters in Fleetwood Hill overlooking Brandy Station. Dress parades were held daily, dancing until dawn was the order of the day. The General was young at heart. On the morning of June 9th, Stuart heard heavy firing from his outpost guards. This resulted in one of the sharpest cavalry actions of the war. Stuart was humiliated and lost 523 men, but the Federal Cavalry lost 936 men. The Yanks were getting better with riding and fighting. From Brandy Station on, Stuart had it much harder going with "Yankee Cavalry"!

Stuart's humiliation pleased the 'small people' of the army as much as it did the enemy. It was said, "Stuart takes all the glory, let him take some humiliation." Along with the Army's recent victories the 'little people' were content.

This is the temperament of the organization to invade Pennsylvania!

By June 10th Ewell moved out northward. The army was starting to move at last. Stuart was assigned to screening and covering the movement. He ran into the Yanks and had some fighting around Aldie. It was here that Capt. Boston was surrounded by the enemy's sharpshooters and surrendered. This is the only record of any of Stuart's leaders surrendering. The fighting between the two cavalry forces continued around Uppersville and Middleburg.

GENERAL ROBERT E. LEE

On the 22nd of June, John S. Mosby, Major of Partisan Rangers rode in Stuart's lines with a "plan." Mosby acted as Stuart's scout. This man's influence was felt even up to World War II. He was a great admirer of Stuart. Stuart was somewhat of an exhibitionist with fancy plumed hat and a great flowing cape of gray lined with a deep scarlet made by his wife, Flora Cooke Stuart.

John Mosby lived until 1916 and in his later years told a young man many tales of adventure with "Jeb" Stuart. The young man was General George Patton! Remember Patton's six-guns in place of the regulation forty-five automatic?

THE "PLAN"

Mosby's plan was forwarded by Stuart to Longstreet. Longstreet pondered, thought well of the plan, and in turn sent it for Lee's approval. Stuart received the plan approved by both Lee and Longstreet. Lee advised Ewell that Stuart would report to him with three brigades to cover his right in Pennsylvania.

Longstreet moved out following A. P.

Hill's III Corps, and in answer to Stuart's notes of 9 and 10 P.M. Lee sent these orders direct to Stuart. Read it well, for military men have been kicking it around for 93 years. Longstreet never stopped until he died in 1901. Remember it was he who 'thought well' of the plan.

This order is an outstanding subject for old "M.M.Q". Things haven't changed much and I don't think this article is going to change history, but it was a wide open order to Stuart in agreement with the original plan of Mosby's! A Confirmation!

June 23, 1863, 5 P.M.

Major-General J. E. B. Stuart,
Commanding Cavalry.

General:

Your notes of 9 and 10 P.M. today have just been received. As regards the purchase of tobacco for your men, supposing that Confederate money will not be taken, I am willing for commissaries or quartermasters to purchase this tobacco, and let the men get it from them, but I can have nothing seized by the men. If General Hooker's Army remains inactive you can leave two brigades to watch him, and withdraw the three others, but should he not appear to be moving northward, I think you had better withdraw this side of the mountains tomorrow night, cross at Sheherdstown next day, and move over to Fredericktown. You will, however, be able to judge whether you can pass around their army without hindrance, doing them all the damage you can, and cross the river east of the mountains. In either case, after crossing the river, you must move on and feel the right of Ewell's troops, collecting information, provisions, etc. Give instruction to the commander of the brigades left behind to watch the flank and rear of the army, and, in the event of the enemy leaving their front, to retire from the mountains west of the Shenandoah, leaving sufficient pickets to guard the passes, and to bring in everything clean along the Valley, closing upon the rear of the Army. As regards the movements of the two brigades of the enemy moving towards Warrenton, the commander of the brigades to be left in the mountains must do what he can to counteract them, but I think the sooner you cross into Maryland after tomorrow the better. The movements of Ewell's Corps are, as stated in my former letter. Hill's First Division will reach the Potomac today and Longstreet will follow tomorrow. Be watchful and circumspect in your movements.

I am very respectfully and truly yours,

R. E. Lee, General

The fateful wording was Lee's, the underscoring is mine.

Stuart received the above order late at night in a rainy bivouac, at Rector's Crossroads.

The Army was going to Pennsylvania, some said for shoes, others thought Lee wanted to take the pressure from Richmond; evidently tobacco was most in the mind of the Cavalry. Regardless of all other reasons

LT. GEN. J. E. B. STUART

it was an army and armies are always hungry! The great farms of Pennsylvania must have been very inviting to Lee's men. Virginia was clean after two and one-half years of feeding two armies.

June 24, 1863, Hill was in Maryland on the Antietam, Longstreet following and Ewell marched as a second "Stonewall" Jackson! It was a new and untried organization but it was the best that Lee could do with the material left. It had to do. Lee had no intention of fighting a major battle with these, with the exception of Longstreet, untried generals as Corps Leaders.

Stuart was happy, for raiding behind the enemy's lines was his specialty. It would give him the chance to redeem himself from the alleged surprise attack at Brandy! He sent Mosby to find a suitable ford to cross the Potomac and ordered a rendevous at Salem.

Stuart's command was stationed as follows: Jenkins with 1,800 sabres was on Ewell's right. Imboden with another 2,000 on the left, abreast Hill's left front. Robertson and "Grumble" Jones were assigned to guard the passes and keep in touch with Longstreet, on Hill's deep right.

Chambliss, Wade Hampton and Fitz Lee* were assigned to Stuart for the "plan." Fitz and Rooney Lee** were both a source of embarrassment to General Lee, as it was said, "Only the Lees are promoted in this man's army". I am getting repetitious, but still it hasn't changed much!

Rooney Lee and Heros Von Borcke could not ride with Stuart again, both being previously wounded in the fighting around Upperville and Brandy. Hampton's son was killed outright in the vicinity of the Brandy sector.

June 25, 1863, exactly at 0100 hours Stuart moved out of Salem with his three brigades. For the next 8 days he rode, fought and crossed the Potomac, carried his "ammo" over by hand then pulled the limbers and caissons over submerged! Stuart was late at the Potomac. It was the morning of the 28th; he should have crossed on the 26th but this delay was due to fighting at Haymarket with the rear of Hancock's Corps. He had to break off the fight and swing wide to the east. This also made it impossible to cross any farther west than Rowser's Ford regardless of what Lee meant to say in his order.

By noon the 28th Stuart was at Rocksville. Here Fitz Lee chased a wagon train right up to the defenses of Washington, capturing 125 wagons of provisions, mules, harness and 400 prisoners. Much has been said as to the price of the 125 wagons and the time lost paroling the 400 prisoners. However, Fitz Lee rejoined the main column late that night. Hampton was between Cooksville and Sykesville and there he cut the B & O Railroad in two places. At Westminster about 5 P.M. contact was made with the 1st R. I. Cavalry. Here Stuart knocked off 67 out of 95 men in a short fast action.

The column arrived at Hanover about 9:45 A.M. and ran into Farnsworth's rear guard. The Yanks under Farnsworth turned on Stuart's advanced guard and drove it back. After losing 197 men the Yank riders drew off and went about protecting the rear of their own army. Stuart decided to withdraw also and swung to the right for the second time for two reasons; to find Ewell and avoid becoming involved in more than he could handle as he still had the 125 wagons to protect. A cavalryman's philosophy is that a meal in the stomach is worth two in the knapsack. Stuart was of Scotch

GENERAL JAMES LONGSTREET

*Major General Fitz Lee was the loud laughing, hard riding nephew of General R. E. Lee, a West Pointer and a Major General before he was 28.

**Rooney Lee, or William Henry Fitz Lee, was the oldest son of Robert E. Lee, a Harvard man and said to be too big for a man and not big enough for a horse. He was a Major General at 27.
From "Lee's Lieutenant" by Dr. Southall Freeman.

decent and could not see giving up anything without a fight! It hasn't changed much!

Meade was now in command of the Union Army, Hooker having been relieved of his command after Chancellorsville or shortly thereafter. Kilpatrick and Gregg, both Yankee Cavalry leaders, were consistently getting stubborn relative to giving ground to Stuart's men; another good reason he decided to go hunting Ewell. Stuart's wide swing eastward ended at Jefferson where he headed northwestward. They arrived at

GENERAL GEORGE E. PICKETT

Dover at daylight on July 1, 1863. The column straggled on through Dillsburg and finally reached Carlisle. (Carlisle being the birthplace of Robert Vale, refused to surrender.) Stuart deployed his horse artillery and proceeded to "blast" the town. A lucky hit or good shooting, one or the other, hit a supply depot and set fire to the barracks. This action immobilized 15,000 men that may have been on Ewell's rear flank, at Gettysburg. With the action complete Stuart turned their tired horses and men south as he heard that Ewell was heading toward a little town called Gettysburg. The Carlisle incident proved to be the most important event of the raid.

GETTYSBURG

Hill's 'head long' attack by Heth on Buford's dismounted Union cavalry had brought on a fight that neither commander desired. Hill from the northwest and Ewell on the north side of the town pushed the Federals through the town and cleared the streets.

Lee heard the heavy musket firing and hurried to the scene. After looking the situation over and finding that both Hill and Ewell seemed to be perfectly satisfied with having pushed the "Blue Coats" out of town, Lee sent word to Ewell to attack on his front "if practical". Ewell not thinking it "practical" — did nothing. These events are now yesterday's history, and so ended the "first day" of Gettysburg.

The "second day" (July 2, 1863) was marked by some spasmodical firing and maneuvering by both sides.

Stuart arrived around noon with the 125 wagons and now 1,000 prisoners, he was greeted by General Lee, "Well General Stuart you are here at last". For the first time Stuart learned that he was wanted with the Army! (Here's controversy for you quarterbacks.) It was a lousy war, for on June 30th Stuart was in Hanover just 15 miles away. His captured men were turned over to Provost Marshall and he then pulled up in camp to give both animals and men a rest.

Lee grew impatient. . . . what could be keeping Longstreet? He sent an officer to hasten I Corps. About 2 o'clock Longstreet came up. About 5 o'clock McLaws and Hood were sent in by the reluctant Longstreet against Sickle's III Corps. They took Devil's Den and fought around "Little Round Top". At 6 o'clock Hill sent in Wilcox followed by Perry's Brigade. Neither had support. The support was eating or something and couldn't be disturbed. And so the "second day" was finished.

The "third day" (July 3, 1863) Ewell decided that he would go to work and so he sent in Early and Johnson to attack. They were repulsed.

Pickett came in with three "fresh" brigades, this was the last of the rebel I Corps. Everything was brought in clean. Pickett settled in the Confederate line.

Exactly at 0100 Lee opened up 'in part' of his 182 guns. Longstreet appeared stunned that Lee wanted an attack. The old Fredericksburg easy victory. . . . 'let 'em come to you! . . . was deep in Longstreet's mind.

Hill had two Whitworth rifles in his artillery with a 5 mile range. They "barked" out much faster than the other guns. Their 12 pound projectiles made a screaming, whistling sound as they went through the air. They were the only breech loading guns at Gettysburg. Meade answered with part of his 233 guns. Cannonade shook the countryside. It was the greatest artillery duel before or since on American soil!

About 1500 hours (3 P.M.) Pickett asked Longstreet if he should go forward? Longstreet nodded slowly. He was very unhappy, he did not have his own way.

15,000 men in gray moved forward as on parade. They were to converge on "The Little Clump of Trees." They reached their objective but unsupported fell back. "Pickett's Charge" is history; Meade was too groggy to follow up his advantage. Pickett lamenting over the two brigades he had to leave in Virginia, thought he might have made it. He came very, very close. Two smart brigades might have been the difference, or changed the picture. Isn't it easy to slide into the old "M.M.Q."?

Stuart northeast of town had his troubles. Although he pushed the Federal Cavalry back to their morning positions, they kept him out of Meade's rear line and flank.

Pickett had been among Doubleday's guns but he failed to break through. It was the break through for which Stuart waited for help. It never came.

Stuart's action ended the three days fighting. He moved around to protect Lee's withdrawal. It was all over.

Organization fell apart in Lee's staff. He at no time used the full force of his available troops thus loosing his effectiveness. Lee's Corps leaders had more cavalry than Stuart but they just didn't understand the use of cavalry — or wouldn't!

It was "Stonewall" Jackson and Stuart that Lee missed most, not cavalry!

Lee started southward in good order despite a heavy rain. His limited indulgence in the aftermath 'quarterbacking' was, "It was all my fault." This simple admission of truth inspired his men to fight on for almost two more years against the greatest odds since the Alamo.

It was this admission that made Lee greater in defeat than his adversaries in victory. Remember another great fighter that had the same experience, one Jack Dempsey? Look after your men and your men will look after you. This old army adage works as well in a good organization as in the army.

No matter how much you juggle figures and facts, the South lost the war and all "quarterbacking on Monday" will change nothing, but should the time ever come that you and I cannot sit down and 'bat the breeze' about any subject we desire, then we are in trouble.

Meade had 101,679 men and 93,500 were engaged. He lost 23,003 men from all causes. Lee had 70,000 men and lost 20,451 and less than 60,000 were engaged!

Soldiers on both sides never fought better, but never were soldiers so poorly led! We see that a total of 43,000 men died at Gettysburg, all fighting for what they thought was right, and that you and I may sit down and enjoy our great heritage. To preserve the right that we may disagree with one another as a free people.

To conclude, years after the war General Pickett was asked what he thought was the most contributing cause to the South's defeat at Gettysburg. The General should know, for he answered: "There were just too many Yankees"!

IF SOMEONE ASKS . . .

Does the Red Cross receive reimbursement from hospitals for blood provided hospitals?

ANSWER:

In some communities the hospitals have elected to underwrite the costs of certain expendable supplies used in collecting blood and the cost of distributing blood as part of their community responsibility for the service. The Red Cross regional blood program is a volunteer community endeavor in which the medical profession, hospitals, and the Red Cross chapter are partners. No charge is ever made by the Red Cross for the blood itself.

IF SOMEONE ASKS . . .

Does the Red Cross charge for relief supplies?

ANSWER:

No. Aid to disaster victims given through the Red Cross is an outright gift from the people of America. Nothing is sold at any time.

NON-DESTRUCTIVE INSPECTION DEPARTMENT

By Walter F. Martin, Foreman

Almost everything we buy or use has had at one time or another visual inspection made upon it. But in order to see what is inside a different type of inspection is necessary. That is where non-destructive inspection begins.

Non-destructive inspection is somewhat similar to that of a doctor who, after making a visual examination of a patient, knows something is wrong and asks for an X-ray to be taken on that part of the body to see what and where the trouble is inside.

Just an idea of how X-rays were discovered: About sixty years ago a German scientist by the name of Conrod Roentgen was doing some experimenting on a vacuum tube using high voltage. Nearby were some photographic plates which, when developed, he found had been exposed with some kind of ray. After further experiments he found there was a ray coming from the tube and he called it an X-ray because at that time the ray was unknown. Today the name of this ray is known as an electron. It makes possible, examination of steel seams which may be subjected to high pressure and temperatures.

In our inspection department we have three portable X-ray units with an output of 250,000 volts each. These units can be moved to almost any location in the yard to make inspection. We also have a stationary unit with an output of 400,000 volts which requires the work to be brought to it for inspection. Today X-ray units up to 22,000,000 volts are available for X-raying objects up to 14 inches in thickness.

For gamma ray inspection we have four sources of Cobalt 60 which is a radioactive isotope of cobalt. This method of inspection is exceptionally good where it is impracticable to use an X-ray unit. These sources are obtained through the Atomic Energy Commission and their rules for personal safety must be strictly maintained. In order to comply each man wears an ionization cylinder to register the amount of radiation his body absorbs in an eight hour day. Also, every other month a complete blood count is taken to insure that personnel is not getting over the maximum dosage of 300 milli-Roentgens per 5 day period as recommended by the A.E.C.

ARTHOR MARTIN gives out ionization cylinders which will let Bob Vent and Doc Dougherty know how much radiation their bodies will absorb on the job.

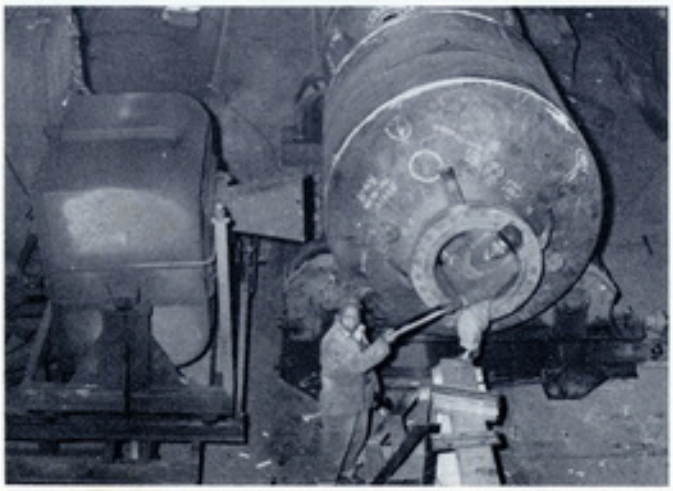
In making a radiograph or X-ray, a film is placed between two sheets of thin lead and then inserted into a lightproof container. It is then placed on the side of the object (usually taped) to be radiographed, on the opposite side from the source of the rays. The time and voltage is governed by the thickness of the object. After the exposure is made the film is then taken to the dark room to be processed. Here again time and temperature factors prevail. The proper temperature for developing is 68° for six minutes.

Our X-ray equipment is capable of penetrating up to 2¾ inches of steel and is used primarily for the inspection of welded seams in pressure vessels. Our gamma ray sources are used for making radiographs on welded ship construction and the welded joints on main steam and feed water piping that are installed aboard ship. All welded joints are made to conform to a certain set of rules and specifications. Therefore in order that these specifications be met, they must be radiographed to make sure no serious defects are present to cause a possible failure while in operation.

Magnetic particle, or Magnaflux, inspection is done by means of electric current forming a field or circle where questionable defects may be present but not seen visually. After current is applied a fine iron powder is blown onto the area. If a defect is present the circle is broken and the powder will remain where the break in the circle occurs. This signifies where the defect is.

Dye-check inspection is done by, first cleaning the surface, second, applying a penetrating dye and letting it set for one hour, third cleaning dye from surface, and finally, applying developer powder. If by chance, a defect is present the powder will absorb the

(*Continued on Page* 10)



Here is **WHISTLING BILL (BOWEN)** in the end tank getting ready to go inside and place film in the proper location. Handing him the film is "Blue" Ezekiel Billops the technician, who will, at the proper time, operate the controls in the lead shielded control house. Directly in back of the technician, the box shaped container houses the X-ray tube submerged in oil.

HOT CAPSULE — After placing lead container nearby, Bob uses a pole 'n hook to lift lid and fish the cobalt source and drop it in the basket. Personnel must stay at least 12 feet away during the exposure, the time of which depends on the thickness of the steel — anywhere from fifteen to twenty-five minutes.

A Chemist in a Shipyard?!

By John M. Techton

A wrecked liner, the Celtic, lay for a year at the entrance of Cork Harbor, fastened to the rocks in such a manner that it could not be floated off and the cargo had to be removed. While engaged in this work in one of the holds, nineteen men were overcome by fumes and four of them died.

The nature of the fumes was not definitely established and the symptoms were not that of carbon monoxide poisoning, therefore the medical officers inclined to the theory that the poisonous gas was hydrogen sylphide but since it was apparently generated by rotting apples in the hold, it would seem that it was probably CO_2.

In another case, a vessel carried a cargo of cherries from Albany to New York. To keep the cargo fresh, "dry ice" had been packed into the hold and the hatches closed and fastened. When the hatch covers were removed prior to unloading, the dry ice had, of course, evaporated but the Carbon Dioxide gas given off by the dry ice was present in deadly concentrations, though, being tasteless and odorless, it showed no sign of its presence. Being a heavy gas it had settled and accumulated at the bottom of the hold. Four stevedores entered the hold to commence unloading and they almost immediately collapsed on top of the cherry containers and were asphyxiated, as also was a deckhand who went to their assistance. The second mate and two other stevedores who went to their assistance also collapsed but were resuscitated only after extensive treatment in a hospital. Five in all met their deaths.

A third case happened on a vessel in Florida. A cargo of castor pomace, a comparatively little known material and used as a fertilizer, was to be unloaded. A longshoreman entered the hold, was immediately overcome and died. A second man entered and he too was almost overcome at once and fell in a convulsion. However he later was revived by inhalator treatment. It was found that the castor pomace, carried in sacks, had emitted Carbon Dioxide. All persons concerned should note that this and similar fruit products will generate Carbon Dioxide which will settle, of course, and contaminate the hold with deadly gas.

The foregoing articles show very clearly that the presence of Carbon Dioxide may occur in many and various ways and that one must be constantly on the alert to prevent an accident.

Another case occurred in a southern port on a T-2 type tanker, then under going repairs, but which had been tied up for a year. In this accident a pipefitter and two helpers were working in the after pumproom. During the morning another shipyard worker, in passing thru the upper pumproom flat, caught hold of the Carbon Dioxide pull to boost himself up.

This action discharged the battery for the pumproom and filled it with the deadly gas. The man, realizing what he had done, rushed down the ladder to assist the men below but was overcome himself. All the men were taken from the pumproom by other workers using fresh air and oxygen masks. Three of them were revived but the pipefitter died.

These tragic examples show very clearly to all of us the necessity for the utmost caution and understanding of the hazards of CO_2 and the many ways in which such accidents may happen. This deadly gas is only one of the many hazards to repair crews, the detection of which the chemist is responsible.

Duties and Responsibilities of the Marine Chemist

Prior to 1945 the work of the Marine Chemist was governed by a regulation known as "Appendix A", formulated by a committee and published by the National Fire Protection Association in 1922 and amended several times.

In 1943 the American Petroleum Institute recommending that a single agency be established to coordinate all gas freeing operations, safe practices for repair work and the prescribing of qualifications for the certification of chemists among many other matters, requested the American Bureau to take over the jurisdiction of all such matters and in 1944, the American Bureau of Shipping accedded to this request. As a result, the Gas Hazards Committee of the American Bureau of Shipping was organized and engaged in the task of preparing a revision to the then obsolete Appendix A. and to formulate new Rules for the Certification of Chemists.

To date, these rules have been the subject of minor revisions only until 1952 when the certification of chemists was divided into two classes, namely, "Unlimited" and "Limited".

DANGER — EXPLOSIVE GAS

The Unlimited classification made no change in the requirements previously established. The Limited classification was proposed in order to enable those chemists, who while possessing the necessary educational qualifications, had not been able to gain experience in the work except to degree limited to small river and inland craft. All other requirements were retained, however, a chemist who is certificated as "Limited" should be very careful to restrict the scope of his work to the class of vessels so defined and for which they are certificated only.

To comply with the requirements of the Standards and the Coast Guard, it becomes necessary to determine the exact condition of a vessel prior to the starting of repair work and the tests and examinations required to be made are, therefore, to be made by a qualified person. Under these rules it is specified that the work shall be performed by a chemist certificated by the American Bureau of Shipping, under the rules mentioned heretofore, who has met the qualifications described and has been so certificated by the Bureau.

The responsibility for the procuring of the services of the chemist is placed squarely upon the vessel repairer, according to Par. 313, Section 3, of the Standards. This responsibility is not optional, it is mandatory and definitely established in these Standards and also by the rules of the United States Coast Guard.

Paragraph 313, Section, of the "Standards for the Control of Gas Hazards on Vessels to be Repaired:

FUEL OIL

"It shall be the responsibility of the vessel repairer to retain the services of the Certificated Gas Chemist and to secure copies of his inspection certificate and provide the master of the vessel and the representatives of the vessel owner with copies for their information".

Paragraph 311, Section 3:

"Before a certificated Gas Chemist shall issue a certificate . . . that the contemplated repairs and alterations to a vessel, can . . . be undertaken with safety, he shall personally determine that the applicable minimum requirements have been complied with to his satisfaction".

May I here point out the words "personally determine." It is felt that this requirement of personal service cannot be waived or avoided and some other person substituted to perform the work of the chemist. Here the chemist must, as an individual, perform his duties in a most careful manner, conscientious and impartial, with favor to none, for many lives and property worth millions of dollars are his responsibility. There are no short cuts and, where a close decision is to be made, the factor of ultimate safety must be considered as the determining factor.

Rules and regulations do not make a job safe. They merely provide the basis upon which the chemist is to make his judgment and the use of good common sense by all concerned will be found the most valuable rule to follow in the application of the Standards.

When the newly adopted Standards were made effective on January 1, 1947, a letter from the American Bureau of Shipping was forwarded to all chemists along with copies of standard certificate form. Later this form was incorporated in the pamphlet published by the N.F.P.A. containing the Standards. This ABS letter also allowed the use of CO_2 as an inerting agent. Another item stressed in this letter was that each tank, or compartment, was to be regarded as a unit and stated that the requirements do not recog-

nize the partial cleaning of a space or compartment as a safe condition for hot-work repairs "in and on the boundaries of" such a space.

The "Standards" employed in the business of ship repair are vital and very necessary ones. They are the result of years of experience of a group of men representing ship repairers, owners, operators, underwriters, chemists, governmental agencies and many others, who, working together, have endeavored to evolve standards that while providing the necessary protection, will also not hamper repairs being made to any unusual extent and still provide the margin of safety required.

Gas Freeing

One of the hardest problems confronting the ship repair industry is that of gas freeing, together with the proper conditioning of vessels for repair work, including the attendant fire hazards.

While the actual gas freeing is, in most cases, completed by the ship owner or operator, at times it will fall to the shipyard to gas-free vessels. It is, therefore, necessary that the repair yard force have a thorough knowledge of all phases of this work.

Gas freeing is universally accomplished by two methods. The old way of alternately steaming and washing is gradually passing from the picture, with the wide acceptance of the mechanical spray method. In this method a revolving nozzle arrangement is used whereby water at 180 degrees Fahrenheit and from 100 to 200 lbs. pressure is sprayed into the tank, the nozzles being rotated in two planes by a water power motor in the head of the device. An interesting development in this system has been the introduction of a flexible hose whereby the nozzle and driving head may be adjusted at any height in the tank. The nozzles are inserted in the tank by means of an aperture in the deck, this being covered with a bolted brass cover when not in use.

WARNING—DO NOT ENTER THIS TANK

Personnel — Please Note these Signs. They are Put Up for Your Safety!

While this washing is being carried out, the vessel's cargo pumps are kept running, removing the mixture of oil and water from the tank. The washing period is varied according to the kind of oil carried and the objective of the cleaning.

Some vessels also introduce carbon dioxide in the tanks and force the explosive vapors out through a vent, thus filling the tank with an inert gas, following which fresh air is put in and the CO_2 forced out.

Remaining Combustible Gases

The detection of any combustible gases left in the tanks, following the gas freeing operation, is the next step in the process. To do this an instrument of the electrical indicating type may be used and a chemical analysis made. Either method will do very well but the indicator method is much quicker. Tests for carbon dioxide and other noxious gases may also be made by analysis, whenever the situation demands.

Following gas freeing and testing, a visual inspection must be made of all areas on the ship for fire hazards and sludge that may cause gas by regeneration, with its constant explosive hazard. Such cleaning of tanks that is required, in the discretion of the chemist, in order to safely proceed with the work, must be done. This cleaning must also be performed under proper supervision in order that the cleaners may not be exposed to gas hazards, asphixia, etc., to see that proper equipment is used, lighting approved and tanks ventilated as required.

WITH TWO DOZEN SQUEEZES of the bulb, **JOHN TECHTON** demonstrates how a sampling of air from the bottom of a cargo tank is brought up the long hose through a combustile gas indicator. The incoming gas is electrically heated giving a differential from another warmed air chamber. "Reading" the two dials warns of dangerous fumes.

Ventilation

Ventilation also plays a very important part in the gas freeing work. Extensive ventilation must be accomplished in some cases to force all gases from the tanks and in many cases, continued during the cleaning and other work operations.

Fuel oil and explosive tanks are marked with yellow paint on deck and shell. Tank bulkheads are also marked in order that workmen may find the area where they are to work. Signs are posted on tank hatches, pumprooms, etc., denoting the condition of the areas, as: Explosive Gas; Safe, this tank is gas free; No Fires; See Chemist before starting work. These signs are printed in appropriate colors and the last one, See chemist, etc. is used where complete control of the work is desired.

The display of these signs, however, does not give workmen the right to carry on work but warns them as to the general condition of that particular area.

Control of Work

The successful control of work on vessels undergoing repair is another factor. After the vessel is determined gas free, the men entering tanks, pumprooms, etc., for work of any nature, burning and welding for example,

Safe — This Tank Is Gas Free

is allowed only after inspection and approval of the job and such work is at all times under the complete control of the chemist. We feel that this is very important, in order to obtain the proper coordination of the work. As far as possible, men experienced in repair work are used continuously in this phase and their acquaintance with the hazards helps the situation greatly.

In our plant we have air line masks for general protection work in painting, etc. We have masks with blower attached for emergency work and work under unusual conditions. There are several all service masks at hand and an oxygen breathing apparatus for rescue work. Safety committeemen are trained in the use of this equipment.

The proper tests for Carbon Dioxide must never be disregarded whenever there is a remote possibility of the occurrence of it and it must also be remembered that, being heavier than air, it will settle to the lowest part of a hold and stay there. Many other graphic illustrations of its deadliness could be written here but it is felt that the cases cited should serve to put all concerned on the alert.

Ventilation must always be adequate and generously used as the gas can easily be removed when this is done, both by dilution and displacement.

The prevention of asphyxiation by Carbon Dioxide is a real problem to be met and the use of Carbon Dioxide as an inerting agent in the repair of tank vessels and other types of vessels becoming more prevalent, another potential hazard is introduced.

Many warnings regarding the dangers of carbon dioxide have been made by the United States Coast Guard and other interested organizations. The gas is deemed to be particularly dangerous because, being odorless, tasteless and colorless, the victim is "out" before he realizes that he has entered a contaminated compartment.

Carbon Dioxide is one of the gases found in mines as the result of the presence of

(*Continued on Page* 10)

Rod and Gun News

By Mike Znachko

Stanley Belczyk and Charlie Worrell, veteran anglers of 42 Dept., returned from Port Penn, Del. recently displaying a 15 lb. carp which gave them plenty of trouble before it was subdued. . . . On Saturday, May 19, this reporter along with Gerald Evans, 33 Dept.; Herb Hatton, 58 Dept.; Milt Herald, 30 Dept.; Bud Martin, 60 Dept.; Bob Roath, 59 Dept.; and Mike Zakorchemny, 69 Dept., journeyed to Indian River where we boarded the Cleaver to "officially" open up the Salt Water Season. We returned with approximately 150 bass, tog and ling cod. Bob Roath excelled in catching the ling cod. This not too successful catch was due to the fact that some time was spent rendering assistance to another fishing craft which we found floundering about in the choppy waters. Gerald Evans assumed full charge of the rescue operations and conducted himself superbly.

Walt Davis, the old salt of 59 Dept., fished the Indian River Inlet on Saturday, May 19, without much success. . . . Did you know that the total volume of rainfall in Pennsylvania, in an average year, weighs more than 138 billion tons. . . . In reading reams of material, as background for Rod and Gun items, we notice that the "paragraph" has gotten completely out of hand. Some folks, especially some biologists, can make a single paragraph ramble on and on, possibly for a page or more. When Congress reconvenes, we hope it will pass a law prohibiting use of more than a dozen lines or so in any one paragraph. If this were done, maybe people would take to reading again.

A reminder to our boatmen * * * Whether you're cruising or fishing by boat, Coast Guard safety rules apply and the Coast Guard is conducting an intensified patrol on inland waters these days. All craft must carry at least one approved type life cushion or life preserver for each passenger, and any craft with an enclosed area sufficiently large enough to carry a gasoline can must have a fire extinguisher. Any power craft of over 16 ft., whether outboard or inboard, must be registered with the Coast Guard.

CHARLIE WORRELL, of 42 Dept. and son, Bob Worrell of the Wetherill Plant, proudly displaying a 40 lb. Drumfish which they snagged off Slaughter's Beach, recently.

On May 30, Ed Clark of the Drawing Room, accompanied by this reporter, Bob Roath of 59 Dept. and his young son, Terry, journeyed to Rock Hall, Md. in quest of striped bass. We were forced to return empty-handed due to the fact that the turbulent waters made it practically impossible to venture forth into the Bay. . . . Stanley Belczyk, veteran angler of the Blacksmith Shop, reports snagging his first striped bass at Port Penn, Delaware on Memorial Day.

In reviewing the reports of the various Game and Fish Commissions, we note (with interest) that some states express their hatchery output in tons of fish. Most of these states probably weigh their fish carefully. But looking at the figures for one or two, makes us wonder a bit whether there might not be THREE kinds of tons, instead of the two we learned about in school — the long ton, the short ton and the hatchery ton.

JOHN KNOX, Sheet Metal Shop's avid angler, shown displaying part of his catch.

Charlie Worrell, the old salt of the Blacksmith Shop, and his son, Bob of the Wetherill Plant, snagged a 28 lb. drumfish while fishing off Slaughters Beach on Memorial Day. On Sunday, June 2, they repeated the performance by bringing to gaff a red drum that tipped the scales at 40 lbs. It's pretty hard to beat a father and son combination such as this. . . . Jack Seaman, 75 Depts. avid angler, reports a nice catch of 138 croakers, while fishing off Slaughters Beach on the same day.

John Orr and Paul DeCandeloro, line casters of 59 Dept., ventured forth on their first initial fishing expedition of the season aboard the "Legionairre" out of Cold Springs Harbor, Sunday, June 2. They report a nice catch of black bass and tog, all of good size. . . . On Saturday, June 9, Gerald Evans, 33 Dept.; Herb Hatton, 58 Dept.; Tom Pearce, 30 Dept.; Bob Cole, 68 Dept.; Mike Zakorchemny, 69 Dept.; and this reporter boarded the Cleaver at Indian River on another of our fishing expeditions. The trip was unsuccessful due to the fact that the "Ole Devil Sea" was on the rampage again. The Cleaver, however, played an important role in the dramatic rescue of the occupants of the Richard F which sank about 8 miles off shore, after receiving a terrific battering about at the hands of the turbulent waters.

Walking out of the picture at left is **STANLEY BELCZYK**; holding string of rock fish and on the other end of the string is **LARRY TRINCIA**, Stanley's son-in-law; kneeling is a G.I. friend. The fish were caught at Augustine Beach, Delaware. Charlie Worrell also went on the trip but he fell overboard—missed out on the photo. Stanley and Charlie are veteran rod and reelers. Both employees of 42 Dept. Blacksmith Shop, Stanley is a heavy forger and Charlie a welder.

Cap't. Gerald Evans once more displayed his outstanding ability as a worthy seaman in issuing directives which made it possible to salvage most of the sinking craft's equipment. Bob Roath also proved himself a master at wielding the boat hook, while Albert Briscoe sat calmly by, freely handing out advice. We did, however, return with enough fish to stink up the skillet.

Stanley Belczyk, veteran angler of 42 Dept. brings back the unpleasant report that there were literally thousands of dead croakers floating about in the vicinity of Port Penn, Delaware. Makes us wonder a bit whether or not the "Red Plague" has invaded our fishing waters. . . . Ed Clark and Frank Mitchell, (the drafting room's contribution to the angling world), returned with 30 nice size croakers, which they caught at Slaughters Beach, Sunday, June 10.

Warren Watts and Bill DeLoaf, seasoned anglers of 59 Dept., registered a nice catch of over 50 croakers and sea trout while fishing off Slaughters Beach recently. Rumors have it however, that they lost their sense of direction and were headed for open waters until they spotted a landmark and realized they were pulling a "wrong way Kerrigan". May we suggest that they brush up on the fundamentals of navigation?

A request has been forwarded to inform James Vincent, president of the Beaver Dam Rod and Gun Club, that some of our sportsmen are a bit dubious about that recent gun deal. Seems to have a shady tint connected to it. So they Say! Widder Women, HM! . . . In a well played game at P.M.C. Stadium on May 29, the Sun Ship Softball Team defeated the Linde Air Squad to the tune of 14 to 8. Marty Slazle excelled in tossing the pill, while Cal Doan was on the receiving end. Manager Tex Gibson and his assistant, Dick Settine, are proud of their squad's accomplishment, but state that they intend to keep the team under a rigid training schedule, inasmuch as there are some bitter contests lined up for the season wh'ch will take some hard fighting on the field of battle.

Harry O'Donnell, the persistent angler of 59 Dept., reports that he and his party snagged an excellent catch of over 275 black bass while fishing aboard the "Ethel" at Indian River on Sunday, June 17. Capt. Shaeffer was at the helm.

"Fishin's for the Birds"

By (Shupey) Shoemaker of the Copper Shop

After many postponements because of weather, home chores and Mother's Day, the time finally came when I'd get to go fishing with a "pro". And who would that be? Howard (Fifty) Fithian, of course!

It was a fine day, and with a party of five, we were on our way. But not until I proudly displayed my brand new $20.00 (nothing but the best) reel. After obeying all traffic light and speed laws, and waiting for the drawbridge to go down before attempting to drive across the canal, we got to Port Penn, Delaware, without mishap.

Fithian said the place was loaded with fish, so all I could think of was my empty icebox at home, and how I was going to fill it with the briny creatures from the deep. What I forgot to consider was my own ignorance, stupidity and personal clumsiness.

Not heeding Fithian's advice about taking along a pair of boots, I soon found out what he meant. Crossing a marsh to the best fishing spot, we came upon a place where you had to jump to clear a small stream. Four had jumped and made it. Then my turn came. Thinking of my old school days and the "track team", I made ready for a rather short but classic broad jump. Unlike "Superman" I didn't quite make it. Ka-slosh I went, face down in about eighteen inches of mud and cold water — tackle box, gear and all.

The fellows didn't say a word. But how hard can you laugh on the inside without bursting your boiler?

After drying off I thought I'd try it again. Two steps and down I went, this time over the bank into the rock pile.

Still determined to catch fish, I made my first cast; trying for the Jersey shore, I swung with all my might. Zing went the line, like crazy. Then it happened — back lash! The line jerked suddenly, the rod and reel left my hands like a rocket and started sailing out towards the bay. The gear came to a crashing stop on some rocks smashing my brand new reel (the prized one) into little tiny pieces.

"Fifty" then loaned me one of his rod and reels (I guess all "pros" carry two). After an hour of fishing without even getting a nibble, I got disgusted and quit — leaving all the fish in the bay for the sea gulls. Fishin's for the birds anyway!

ADDENDUM

Here is another little story on this so-called fisherman (Shupey Shoemaker) from our Copper Shop. Some people just never give up no matter how luck seems to run against them.

Now this same guy who had such bad luck on our trip down to Port Penn forgot to mention that he bought a brand new glass surf rod last year and started down to Indian River to try it out. He and his son stopped at a little store just a few miles away from the fishing spot to buy a few things.

On getting back into the car he slammed the car door to on the rod. Well, you can guess what happened — "goodbye rod"!

And on another trip at the Springton Reservoir (just after taking a fish off his line) with his hands still wet, he tried to make a very long cast. Know what happened? His rod and reel slipped from his hands and went sailing out into the water — lost everything!

Now some guys after luck like this would give up — but not Shupey — he's ready to go fishing anytime, but then maybe this isn't what you would call fishing!

"Fifty Fithian"

The scenery around the wet dock has greatly improved since the recent cleanup there, and the observation has been made that it would be fine if everyone would use the trash can provided instead of casting lunch bags and other debris to the four winds.

Going Places

The bum asked for 20 cents for a cup of coffee. The man he accosted said, "I thought coffee was only a dime."

"Yeah, but I've got a date," said the bum.

The war between the sexes will never be fought to a successful conclusion — mainly because there's too much fraternizing with the enemy.

BOB VENT measures the distance (12") from the ship's shellplate to where the capsule in its small basket will hang long enough to expose the film behind the plate. "Doc" DOUGHERTY having placed a warning sign looks on at left. Note second basket above held to ship's plate by magnet.

INSPECTION from Page 5

penetrated dye and show the defect.

In the photo, bottom left, page 5, you can see how an X-ray or radiograph is taken.

On electrically turned rolls is a pressure vessel about 8 ft. in diameter. On longer vessels a man may stay inside while an exposure is being made but on account of this vessel being short, the man must get out before making an exposure. This is due to the fact he cannot get far enough away for safety measures.

This is another illustration of Sun's investment in equipment and training of personnel to assure the customer of quality products made to highest standards. In the final analysis, customer satisfaction is our greatest job security.

CHEMIST from Page 7

material which, being oxidizable, takes up the oxygen from the air. The familiar "Black Damp", so-called by the coal miners, consists of about 87% Nitrogen and 13% Carbon Dioxide. The miners often test for this with a lighted candle, which will be extinguished if the oxygen content of the atmosphere has been reduced to 17% or less.

As you realize, all industrial firms must carry insurance in order to protect their investments and the ship repair firm is no exception to that rule. Furthermore, the insurance covering ship repair plants and ships in general is a vast complicated affair in which both State and Federal regulation apply. Also, in addition to protecting our own plant and personnel, it is necessary to protect our customers from any damage to their property while their vessel is in the shipyard and this protection includes fire and explosion risks.

You can see that in order to meet these requirements, particularly with regard to fire and explosion hazards, it is necessary that tankships and other vessels be gas freed as required, clean of flammable residues and certified as safe before work involving spark-producing equipment, may be performed.

Let us all realize that these safety measures are something to be followed, some with which we may not agree in principle but, since they are the adopted code, should be complied with until something better is established. If we will faithfully follow the principles and accept the responsibilities outlined, we will aid greatly in the elimination of accidents in the ship repair field.

Symptoms of Carbon Dioxide

The symptoms of Carbon Dioxide poisoning vary with the concentration of the gas. Inhalation of the pure gas or of a very high concentration is followed by almost immediate choking and strangulation, loss of consciousness and death from asphyxia follows.

If the amount be somewhat smaller, the above symptoms will be less intense, so that the individual may be able to get out of the dangerous place before the loss of muscular power is more or less complete. Premonitory symptoms of danger are quickened breathing, dizziness, ringing in the ears, nausea and other sensations; but if the victim returns to fresh air immediately the symptoms, as a rule, will pass off.

Rescue Preparation and First Aid:

Do not enter a hold or compartment or any suspected area without protection, namely; some form of oxygen breathing apparatus or fresh air mask. Many would-be rescuers have themselves been asphyxiated because they rushed into such a place without proper protection. Don't forget, the ordinary canister mask will NOT provide the required protection.

REMEMBER:

Carbon Dioxide (CO_2) always hangs at a low level.

Rescue from and keep yourself shoulder high.

Remove victim to outside atmosphere immediately.

Apply artifical respiration and inhalator treatment.

Don't forget ventilation.

June 15, 1956

Sun Shipbuilding & Dry Dock Co.

Mrs. Burgess and I would like to express our sincere appreciation and thanks to you and the Sun Ship Blood donors for the blood which was donated from the Sun Ship blood bank during her recent illness.

Very truly yours,

Jack L. Burgess, 90-31

SERVICE EMBLEMS — MAY 1956

35 Years

59-51 ..... William Hamilton

30 Years

36-880 ..... George Hughey
55-309 ..... Alonzo Pearson
78-6 ..... Joseph Ambrosino
47-62 ..... John Keren
8-617 ..... Matthew Zanzinger
36-65 ..... James Neilson

25 Years

34-53 ..... David Thomas
55-117 ..... Joseph Friel
8-46 ..... John Hamilton
47-80 ..... Stanley Passick

SALARY ROLL

20 Years

91-11 ..... George Turner

15 Years

90-53 ..... Robert Crompton
98-9 ..... Margaret Miller

DRAFTSMEN'S ROLL

20 Years

38-87 ..... Morris L. Potts

15 Years

32-14 ..... Carl J. Bender
96-47 ..... William J. Buckley

HOURLY ROLL

20 Years

30-59 ..... Victor Semeraro
31-52 ..... Adam Heibeck
33-72 ..... Gordon L. Greenfield
33-1591 ..... Harvey M. Fellenbaum
36-765 ..... Frederick J. Thorman
42-54 ..... Daniel Ytse
51-40 ..... Leroy Gallop
55-36 ..... Leo M. McCabe
59-62 ..... Albert Wagner
59-357 ..... Louis Komuves
59-696 ..... Joseph Trakin
66-94 ..... Ernest Howard
67-679 ..... Floyd W. Carter
74-136 ..... Harold C. Radabaugh
80-55 ..... John M. Foley
84-70 ..... Harry J. Kaylen

15 Years

8-137 ..... Howard C. Gartley
8-174 ..... Michael Nagorne
33-1082 ..... Daniel Custer
45-313 ..... Harry B. Weightman
59-1484 ..... George C. Ridgley
69-66 ..... Ellis A. Horning
81-230 ..... Joseph Thomas
88-52 ..... George M. Whitelaw
88-82 ..... George H. Thorpe

10 Years

88-87 ..... Joseph J. Slawter
33-275 ..... James L. Irvine
33-1194 ..... George Sellers
34-1201 ..... Martin L. Rinehart
47-96 ..... John N. Smith
59-207 ..... John V. Martin

Come! Come!

Wife: "What's the idea of coming home to dinner two hours late?"

Husband (in bandages): "But I've been run over!"

Wife: "It doesn't take two hours to be run over."

Service-Loyalty

AWARDS FOR MAY 1956

Supt. William Smith awards Service Pins to **JOHN HAMILTON, 8-46,** 25 years; and **MATTHEW ZANZINGER, 8-617,** 30 years.

JOSEPH AMBROSINO, 78-6, is congratulated by Chief Structural Engineer L. D. Collison on receipt of his 30 year Service Pin.

DAVID THOMAS, 34-53, is awarded his 25 year Service Pin by Supt. Charles Zelen.

Supt. Arthur Holzbaur awards Service Pins to **WILLIAM HAMILTON, 59-51,** 35 years; **ALONZO PEARSON, 55-309,** 30 years; **JOSEPH FRIEL, 55-117,** 25 years; and below left and center **JOHN KEREN, 47-62,** 30 years and **STANLEY PASSICK, 47-80,** 25 years.

GEORGE HUGHEY, 36-880, is congratulated by Supt. R. J. Flanigan on receipt of his 30 year Service Pin.

1st row, left to right: Tex Gibson(Mgr.); Frank Wood, OF; Bob Worrell, 3B; E. Strickland, OF; Richard Settine, 2B; Ted Ziegler, LF; Pep Allen, OF. 2nd row, Joe Carlantonio, CF; M. Hitch, 1B. 3rd row: Glenn Willis, C; bat boys; Poncho, OF; Vic Pajan, OF; Calvin Doan, C; Albert Briscoe, OF; Frank Spincic, SS; Gomo, P; George Ashbridge, OF; missing from picture Paul Sloan and Bob Walls.

TAKE YOURSELVES OUT TO THE BALLGAMES

SUN SQUAD IN NEW BLUE-GOLD UNIFORMS

(See schedule opposite page)

Glenn Willis, catcher in action.

We would like to take this opportunity to extend our deepest gratitude to the Sun Shipbuilding and Dry Dock Co. and supervision for the shirts (and now fine uniforms) and equipment they have purchased for us for the last three years.

We also would like to thank Mr. John G. Pew, Jr., Mr. Gil Widdowson and Mr. John Hart for giving of their time to see that our softball team received everything we needed — including publicity.

We hope we can reward your generosity by producing a winning ball club.

Sincerely,

Manager "Tex" Gibson and Teammates.

P.S. We hope that sometime in the future we will have the opportunity of playing before the supervisors and employees. You are all welcome and urged to come out and root for the Sun Ship team.

Vic Pajan, OF, jumps high for one.

Tex Gibson, Manager and Col Doan, catcher, check on the score.

Bob Worrell, 3rd baseman, hits a ground ball.

E. Strickland, right fielder at bat.

Gomo, pitches it across.

SUN'S SOFTBALL SCHEDULE FOR THE MONTHS OF JULY AND AUGUST

Date	Visitor	Home	Field
Tues. — July 3rd[1]	Linde — Gas	Sun Ship	P.M.C. (17th St.)
Wed. — July 11th[2]	Linde — Factory	Sun Ship	P.M.C. (17th St.)
Tues. — July 17th	Sun Ship	Maplewood	Maplewood
Wed. — July 25th[3]	Ridley Park	Sun Ship	P.M.C. (17th St.)
Wed. — Aug. 1st[4]	D.C.N. Bank	Sun Ship	P.M.C. (17th St.)
Wed. — Aug. 8th	Sun Ship	Linde — Gas	P.M.C. (17th St.)
Wed. — Aug. 15th	Sun Ship	Linde — Factory	P.M.C. (17th St.)
Wed. — Aug. 22nd	Maplewood	Sun Ship	P.M.C. (17th St.)
Tues. — August 28th	Sun Ship	Ridley Park	Ridley Park

GET OUT AND SEE THE GAME —

Particularly when umpired by the following three men on the dates marked above: [1]Dinny Clare, [2]Ed White, [3]Lou Wilson and [4]Jim Connor.

LEAGUE GAME SCORES TO DATE:

Sun Ship	14	Linde — Gas	8
Sun Ship	7	Linde — Factory	5
Maplewood	13	Sun Ship	12
Ridley Park	13	Sun Ship	9

Darts

By Jim Connor

The girls who bulge
Should not indulge
In large desserts
Or bouclé skirts.

. . .

Gimme bromo
Or coffee black,
'n' git dem snakes
Offa mah back.

. . .

Girls who pet
Get and get.

Not So Dumb

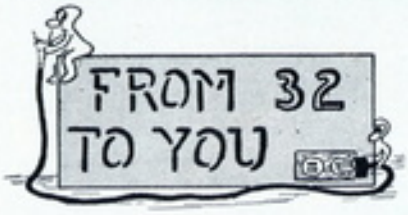
Teacher: What is ignorance, Terry?

Terry: Ignorance is when you don't know something and somebody finds it out.

HOMING PIGEON WHO REFUSES TO GO HOME

All's quiet at the Guthan bird and animal shelter. This is the first year in several that no baby or injured birds were brought to Mrs. Guthan for rearing and first aid. Maybe it's because her son put up cat "deflectors" on the trees where birds had their nests.

The only exception is a "homing" pigeon which had landed, with injured wing, at the Essington Yacht yard and was brought to the Guthan's "sick bay" about two weeks ago. The pigeon is banded and though quite tame, cannot be caught to read the identifying nos. on its band. Relishing its daily meals of chicken feed and corn, it is quite able to fly now but refuses to leave Ed's garage. Probably "never had it so good". Owner can claim same by coming over to get it.



By S. G. Flood

We mentioned in the last issue of OUR YARD that our boy, Joe Aitken, was to be married on June 16th. Well, he did it, and what a send-off the department (32) gave him on his last day in the drawing room, Thursday the 14th. Bet he will never forget that day.

Started out by locking a ball and chain on his leg when he arrived at 8:30 — then we threw the key away (at least that is what he thought). Poor Joe lugged that thing around all day and believe me he had more darn phone calls taking him all over the building, than you can imagine. After lunch he came back from the lunch room and found his board well decorated for the occasion. He also received his gift from the boys in the department and the Social Club gift. Of course we took photos.

He seemed very happy about the whole thing, except when it came time to go home and he remembered we had thrown the key away for the ball and chain. Well, he got home OK without the ball and chain. He was locked to his real ball and chain the following Saturday, at eleven A.M. in Ridley Park. A very beautiful ball and chain this time, and we wish them all the happiness in the world and a long life together.

We had a flock of wedding anniversaries in June also. Carl Bender on June 9th, Bill Chatten on June 16th, and I just had to get into this picture myself, June 23rd. Congratulations to the wives — they are a brave lot. Just think of what they have had to put up with all these years.

Ernie Radnor has been talking vacation a lot lately. He plans to drive down to the deep south with the family, down Georgia way where he was lucky enough to find a good wife. Just think said Ernie afterward, "Just a few words mumbled over your head and you're married." "Yes," agreed his bride, Judy, "and a few words mumbled in your sleep and you're divorced." We can see why Ernie doesn't sleep well.

Norm Kefford, being in the Electrical Dept., has some of his friends coming to see him for little electrical jobs. A neighbor dropped in the other night with her small radio. "Norm," she said, "they tell me I have a short circuit in this radio, can you lengthen it for me while I get my hair curled downstairs?"

John Steel: "Say, Bill, if you talk to yourself are ya nuts"?

Bill C.: "Nah, you ain't nuts if you talk to yourself, but if ya listen, be careful."

We don't want to put this item in the headlines, so just ask Joe Blossic about his neighbor and why he was afraid to go home for about a week.

Our quote for the month, "It's great to be great, but it's greater to be human". — Will Rogers.

Mother: "When I was your age, young lady, a nice girl wouldn't think of holding a man's hand."

Daughter: "But mother, a young girl nowadays HAS to hold a man's hand."

By "Whitey" Burr

We of 84 Dept. wish "Donald Duck" Redman and Pat Ewing lots of happiness and good health. These two fine men have reached the age where they may retire from work and enjoy some of the fine things of life. . . . The word has come to your writer that "Fats" Scheer is still at that old game of taking people over. The last one is the best. Harvey Campbell paid "Fats" for some very fine paint which he was to use on his car when he got it back together. But on opening the two gallon cans he found nothing but water in them. Now Harvey is considering hiring Senator Morgan, a two-thirds lawyer, to handle the case for him. Maybe this is

ELECTRICAL ENGINEERING AND DRAWING STAFF gather round the clothesline which goes up whenever one of their number gets married. Below lollipops sign starts off: "We are sorry, Joe — we did our best to save you".

The brave one with (eight) ball and chain on a leg iron, is **JOE AITKEN** who married **MARCELLA MICKA** on June 16th.

why "Fats" has been staying down in South Yard.

Morris Bullock has found out all about the fishing trips and why they never get any fish. Last week Gerald Evans, Mike Znachko, Briscoe along with a few other fishermen started out for another one of those trips (where we only see pictures of them resting in the boat, no fish) to catch some of those big ones we hear so much about. Well, from all reports this sure was a bad one, for those sailors on the boat had barely left the dock when they started to feed the fish and before long everyone onboard was doing it. When they got out six miles they sure were so sick they did not care if the boat did sink. It is told by one of the party that they sure began to think of the One above. Morris sure is having a good laugh on them.

Here is one on our good friend Ducky Blair of Cape May who invited a few friends of his to stop in on their way fishing last Sunday. He told them he would have a very fine breakfast for them (ham, bacon, eggs, etc.) Well, Blakely and Buff tell us they arrived at 6 A.M. and there was no sign of life around his place. They blew their horn, rang the bell, and even knocked on the windows — but no answer. Is it that Ducky is afraid to let his dear wife meet some of the fine gentlemen with whom he works?

"Donald Duck" Redman is willing to trade Robin Roberts of the Phillies for "Muddy Water" and the only catch in the trade is just where can he find "Muddy" after working hours. Quite a few of the boys saw "Muddy" in the Firemen's Parade up Glenolden way and from all reports, he looked like he was a walking ad for White or Clancy with those flowers in his arms. . . . George Moyer gave a big party in our locker room the other noon for one of his pals who just turned 39. He even gave him an autographed picture of himself so his pal would know he had one friend anyhow. . . . Bud McKniff, "Machine Gun Kelley," Sam Mangeri and Roy Haskell are to be thanked for the wonderful job they did last week after the tragic accident. This job required lots of cooperation and good heads to do it.

Word is around that Mert of South Yard cranes is back with the redhead. We are all wondering if it is the ring that is bringing him back. . . . Whitey tells us that the money changers were chased out of the Temple by the Lord and if he doesn't get his cut, he will start doing the same in his car. . . . Kaylen and Meriano of the 2nd shift tell us that the Weasel sure had a hard time making that birthday sign for Moyer's party, and when he finished he had more paint on himself than on the sign.

We know now that Mike, the hammerhead crane operator, and Joe Ireland are wonderful divers but they start quite early with their season. They both like to go "down" the Drydock way. Maybe the water is better there. . . . Harvey Campbell tells us that his fine wife and boss is thinking of trading him in for a new model for he is not living up to his guarantee. She said he is just like the car — its days are over.

I would like to say "thanks" to all the men who asked me about my brother Frank Burr (Paymaster) who was taken to the Lankenau Hospital. He has returned home, is coming along very well and wishes to be remembered to all. He also wants to thank those who sent such very nice cards. . . . Senator Morgan is trying to tell your writer that the Democrat running against Ike is a better man. Well, pal, you better check up on these people for you will find out that they have all been in the hospital for repairs a lot more than Ike will ever be. Whitey said he will not give the Senator any help on that Texas job he is getting ready to do when he finishes his law course. (Ask Moyer, pal, he will tell you Whitey does know the right people.)

Well, summer is here and I hope that all of you will take good care when you are out on your vacation with your family. Drive with care for you will live longer if you do!

By Mike Znachko

In the previous issue of this column there appeared an item which concerned itself with the reputation of Mrs. Gerald Evans as a baker of pies. May we inform our readers that Mrs. Evans graciously responded by baking for us one of the most delicious apple pies we ever had the pleasure of eating. It was "MAGNEEFEECO". Thanks again, Mrs. Evans. Our Editor also came in for his share of the loot. (Editor's Note: Amen, Amen!) . . . It has been brought to our attention that one of our Asst. Foreman, connected with the Welding Dept., was the unwilling recipient of an excessive amount of soil that was deposited on his property by a construction company working nearby. Said supervisor is now in a quandry trying to figure out how to dispose of the excess dirt. Someone has forwarded a suggestion to dig a hole and push the dirt into it. HM!

Heartfelt sympathy is extended to Steve Stevens of 59 Dept. on the death of his father, Harry Stevens, who passed away after a lingering illness of a number of years. Burial was in the family plot at St. Clair, Pa. To the survivors we extend our sincere condolences. . . . Sincere wishes for many years of peaceful retirement are extended to Frank Hibbs, Asst. Foreman of 81 Dept., who entered into voluntary retirement effective June 1, after 16 years of service. He visits in the southwest before settling in Florida. Good luck, Frank.

It has been brought to our attention that Will Kealey, retired torch repairman of this department, is confined at Chester Hospital. Our sincere "Get Well Wishes" are conveyed to him and we are confident that any personal visits would be greatly appreciated. . . . Rumors have it that Harold Radabaugh recently purchased a new power mower and is now engaged in the grass cutting business during his spare time. Rates are reasonable, but it has been reported that substantial reductions are granted to supervisors under his new revised price code.

Reports from reliable sources inform us that Charlie Lukens was the recent purchaser of a new Ford Victoria. "Just inchin' along" toward that upper bracket. . . . In the previous issue of this column, there appeared an item which stated that Douglas Shumaker, of the Mail Room, was the purchaser of a 1940 Oldsmobile. There was a slight error in the item and Douglas emphatically wishes to make it known that it was a 1946 Olds that he purchased and not as previously stated. WE'RE SORRY!

A certain electrician was seen entering the shipyard recently wearing two different types of shoes on his feet, and both left shoes at that. Must have been the day after the night before. . . . In the previous issue there appeared in this column an item which concerned itself with certain individuals connected with the Safety Department. The item contained a MIS-PRINT which may have caused these individuals some embarrassment for which we are sorry. It should have read "as *we* term it" not "as *he* terms it" as published. The error is regrettable and was strictly unintentional. We wish to assure our readers that it is not the policy of this column to try to offend anyone, particularly those for whom we hold a high regard. We extend our sincere apologies and it would be greatly appreciated if any re-occurence of this type were brought to our immediate attention in the future.

Heartfelt sympathy is extended to the family of Clarence Ross, who met his untimely death in a most unfortunate accident in 36 Machine Shop on Friday, June 8. To those who survive him we convey our "Most Sincere Condolences". . . . Vic Pajan, 47 Dept.'s shuffleboard champion, has announced that he has released Mike Buliskey of 36 Dept. as his manager, effective June 15. In an interview with this reporter, Vic stated that Mike lacked the necessary qualifications as a shuffleboard expert and was totally unreliable when the going got tough. As Vic put it, "HE GE-FLUNKED".

Congratulations to Leo Mills of 59 Dept. and the "Missus" on their seventh wedding anniversary, which they celebrated on Wednesday, June 13. We sort of talked Leo into purchasing a box of chocolates for the little partner. We're wondering a bit now, whether she received it. . . . It has been brought to our attention that Tex Gibson, Manager of Sun Ship's Softball Team, has taken to bustin' up the new bats — property of the Softball squad. All we can say is, "There'll be some changes made."

At a dinner recently, an inebriated gentleman leaned over and leered at an elderly matron sitting beside him:

"Shay, madam, pardon me, but you are undoubtedly the mos' homeliest woman I ever did see!"

"Well, you're the drunkest man I've ever seen."

"I know ma'am," he responded, "but I'll get over mine tomorrow."

38 DEPT.

By Bob Wilson

With July here and the hot weather making people flock to the beaches, it may be wise just to take a few precautions with the sun and sunburn. Your reporter knows only too well how nice it feels to bask in the sun while relaxing after a refreshing swim. This may be nice for a few minutes, but too much can cause trouble. If a person was to spill hot water over their arm and cause a first or second degree burn, they would consider it quite serious; enough so that they would probably rush off to the nearest doctor or hospital. The same person may go to the beach and expose 75% of their body to what would be a first degree burn, and without any medication or medical advice expect to have no after effects from this severe scorching.

Don't get me wrong, I am not one of these people who are against sun bathing or a nice healthy tan, but take it easy and don't overdo it. A few minutes out of the hour or twenty minutes a day is enough for the average person. The amount of time and exposure can be increased slightly as the outer layers of skin become used to the sun's rays. People with light complexions, who burn faster than others, should reduce the time of exposure and otherwise keep well covered. There are many home remedies that can be applied to the skin to prevent sunburn, and just as many sold in drug stores under the patent medicine laws. These lotions and oils have some degree of success in preventing severe sunburn, but we should remember that no two people have the same skin texture and what is ideal for one person may have an adverse effect on you. And don't forget the reflected glare from water can burn too and painfully.

Your reporter is writing this based on personal experiences over the past several years, and knows full well the effects of second degree sunburn on the human body. When I go to the beach and see a person reclined on the sand just soaking up old Sol's rays hour after hour, it brings to mind a quotation from one of Rudyard Kipling's poems about the bright sun in India: "Mad dogs and Englishmen go out in the noon day sun", etc. The sun's rays at Wildwood, Atlantic City or the Poconos are the same ones that beat down on Kipling's India! So beware, don't make it possible for me to say, "I told you so."

Belated birthday greetings to Johnny Martin. Have many more of them! John celebrated his ??? birthday on June 23rd. John is still on the sick list, but has had the casts removed from his legs and is making very good progress in his walking exercises. Hope to see you back with us soon. . . . Good to see Mr. Moyer back with us after his recent trip to the hospital. Hope this will be your last trip to one for a long time to come.

MRS. WAHOWSKI

In the June issue of OUR YARD the "Rod and Gun" section by Mike Znachko mentions the troubles and difficulties a fellow can get into by going fishing without the little woman's consent. Ed Wahowski of this department gets around it by taking his wife with him. In a recent fishing trip, she outdid her fisherman husband by landing a 19½ inch, 3½ pound brown trout. To be sure everyone would believe her and it did not become another "fish story", the accompanying snapshot provides the proof.

Ed Guthan who was a confirmed fresh water fisherman has been converted to a salt water angler by Ed Wahowski. Since this change over, Guthan has been getting his share of croakers, trout, eels, etc. . . . Jack Culley is figuring out ways to customize his car. What it will look like when completed is anyone's guess. . . . Jack Carroll seems afraid of bringing his new "baby" (Ford Thunderbird) into work. What's the matter, Jack, the holes in the parking lot are all filled in now — you won't lose your new toy.

Speaking of cars, how flashy can one get them these days? Ed Guthan couldn't resist a tremendous offer on his '51 Ford and traded it in on a '56 Ford Victoria; and here is the punch, it's color scheme: "Manderin Orange" and "Cream" — hand me those dark glasses! When it comes to colors, this guy is running in competition to Ralph Morgan's sport shirts. . . . Anyone wanting information on seven masted sailing ships, just contact Vic Pajan — he knows all about them. He recently had some lectures on them that cost him about one dollar per minute!

"BITS AND PIECES FROM HERE AND THERE"

Bob Wright is "baching" it these days; the family moved down to the shore. . . . Bill Buchy looks forward to his relaxing week-ends at his summer cottage also at the N. J. shore. . . . Bill Burns acting as OUR YARD foreign correspondent for this month. Bill is over in Scotland, but we haven't had any reports on how he is getting along. Hope to have more on this subject next month. . . . Bob Dunlap keeps cool with a nice "burr" haircut, just call me "Flat Top's boy".

Claude Allen building an extension on his cabin down along the Delaware shore. . . . Ross Billstein walking into the office with a starboard list. When asked how come, it turned out to be a pocket full of silver dollars, no less. That boy sure has some expensive hobbies $$$$$$$$. . . . Tom "the alligator" Harland getting in his 2,000 yards per night practice in the Village Green Pool. Tom has a new stroke he is practicing — it's called "The Alligator Stomp" . . . . Vic Pajan and Cal Doan getting their physical conditioning in another way — they try playing baseball on the Sun Ship team. They are not doing so well this year according to the team manager, and he is considering sending them back to the farm team.

That is about all for this month, so till next time good-bye and good luck.

Student Secretary Wins Award, Becomes Scott Employee

H. JOANNE TAYLOR, granddaughter of Morris L. Potts of the Engineering Department graduated from Swarthmore High School on June 4, 1956. She engaged in many extra curricula activities and was co-captain of the varsity hockey team.

Joanne received the Chadwick Award for the outstanding student in the Secretarial Course.

June 19, 1956

My dear Mr. White:

May I take this opportunity of extending my sincere "Thanks" to you and all donors of your "Blood Bank" on behalf of the family and myself.

Your contributions to the late Mrs. Eva A. Reed, my mother, helped greatly to ease her pain and lessen the expense and strain my husband and I were under during her long hospitalization.

Thanking you again, I am,

Respectfully,

Bette R. Van Houte

INK SPOTS
FROM THE HULL DRAWING ROOM

By C. J. Grauel

We extend our greetings to Anthony C. Antoniou, Yung H. Ko and Werner G. Mietling who started to work in our department last month. . . . Joe and Rose Ambrosino had their day last month when their son, Jody, graduated from P.M.C. along with being awarded the college prize for outstanding service to the college. The week following graduation, Jody was made several offers by baseball clubs of which he picked the New York Yankees. He is stationed in Winston-Salem, N. C. in what they call the "B" League.

Joe Chermol's brother, Tom, graduated from Temple's School of Dentistry on June 14, 1956, and will enter the Air Force as a 1st Lt. in the Dental Corp. this month. . . . James F. "Chip" Connor, 3rd. graduated from West Catholic High with varsity monograms in swimming and tennis. He has enrolled in Chemical Engineering at Villanova University. Colin P. "Chub" Connor took first honors in his class, 7th grade of Presentation BVM School, Penn Wynne along with varsity monograms in football, basketball and baseball. Both "Chip" and "Chub" are sons of James F. Connor. Chip sailed in June aboard the tankship, Ohio Sun (for the summer).

When good things happen they generally happen in pairs which is why we had two blessed events in May. Coming up with their second girl were Bob Walls and his wife — Deborah Ann, May 24th, weighing in at 6 lbs. 4 ozs. . . . Tom Winterbottom and his wife their first Linda Louise, May 29th, 7 lbs. 13 ozs.

Sun Ship Softball Team standing to date is two wins and a loss. Linde-Gas and Linde-Factory being the losers and Maplewood the winners. . . . Earl Springer and his wife started the vacation season off by spending two weeks in Denver, Colorado, visiting their son and daughter-in-law also getting acquainted with their new granddaughter. . . . Ed Dutton had his left leg removed up to the knee due to an infection he had in his ankle. He is now learning to walk with the use of crutches and seems to be in good spirits, mainly due to the relief of the severe pain. We all wish you best of luck in the future, Ed.

Let's all celebrate July 4th for what it stands — for victory of 1776 — and NOT in traffic deaths in 1956.

COLIN PETER "CHUB" CONNOR, 12

JAMES F. "CHIP" CONNOR, III, 18

By Frank Brooks

We are glad to report that Frazier is back to work again. He injured his toe last month in the shop. . . . Fishing is very good this season. Stanley and his son-in-law had a good day at Augustine Beach, Del. They caught about fifteen rock fish — the rocks are running well down there. Charlie Worrell is having a good drum season. He caught two drums which weighed about 37 and 42 pounds. Charlie's son, who works at the Wetherill Plant, caught a 35 lb. drum. This season is the best drum season in the history of Delaware according to reports — something like fourteen hundred have been caught this season. Stoney had a good day down Delaware. He caught a can of fish that average about one to two pounds each.

Harry has been walking straight for the last two months. Keep up the good work, Harry, we know you can do it. . . . Hunley won so often playing checkers that Bud stopped playing. He said that he was "not feeling well". . . . Frazier brings Buss an orange every day to let him win playing cards. . . . Ace King is spending his vacation at his home in Virginia. . . . To Sam Britt of the Cleaners Dept.: Your Phillies have only one way to go now and that's up because they can't get any lower than the league cellar.

Two cannibals were in an insane asylum. One was tearing pictures of men, women and children out of a magazine and eating them.

"Tell me," said the other, "is that dehydrated stuff any good?"

KIDS IN TRIPLETS

DENNIS THOMAS, retired farmer of Ridgely and father of Charles Thomas of our bricklayers, was presented with triplets by one of his goats. He has five large and six small ones — status of a ten year hobby.

By "Fireball" L. Bentley

Well, it looks as if the hot weather is with us once again. So don't forget to take salt in the morning so you will be fortified throughout the day. If you have the proper amount in your body, you will still sweat and feel a little uncomfortable; but you will be impervious to the real damage heat can do to one whose salt content is low. So, take care.

It is with deep regret we announce the untimely death of Clarence Ross of the shop machinists. Our sincere condolences to those at home, and the men in the shop who are left to mourn him. . . . We offer deepest sympathies to Steve Stevens of 59 Dept. on the recent loss of his father.

Elmer, better known as "Moe," Boulden met with a very unfortunate accident on the Drydock recently. We are all pulling for you "Moe"! . . . Jimmy Dunn of the Sheet Metal Shop has been hospitalized for awhile. Get well quick, Jimmy. We will be looking for you.

Pappy Jenkins' hard work in gathering the news of 2nd shift for this column makes it more interesting in many ways.

Bob VanHorn of 79 Dept. was recently operated on in Temple Hospital. At this writing he is coming along fine and hopes to be back with us soon. . . . Al Schwartz says there was a time when a fool and his money were soon parted, but now it happens to everyone, and sooner!

Anger is never without a reason, but the reason is seldom a good one.

Talking about money — maybe you can't take it with you, but think — how many places can you go without it? . . . And for the last one on money and it's a good one, too: Henry claims it used to take the wool from ten sheep to clothe one soldier. Now it takes the hide from a dozen taxpayers. He says, "It's almost impossible to support yourself and the government on one pay check."

Gossip is like a grapefruit; it has to be real juicy to be any good!

What happened when Joe Friel and Frank Sabot took Sigmund "Ziggy" Piecara home early one Friday morning? You'll have to ask Mrs. Piecara. . . . Big Steve notes many men lose their balance when their wives go on a shopping spree. . . . According to Charlie "Buck" Deppner, "Pappy" Jenkins must have some wild animal blood in him — the way he hopped and jumped like a squirrel in front of "Bucks" car in the parking lot awhile back. You had better watch your step, too, Buck. Earl Newman of the Berthing Dept. was seen shadow-boxing in the wind tunnel. Now let's take the boxing and the parking lot and make a little news out of the two. First, we have Jack Wonderly of 47 Dept. waiting in the parking lot to get a boxing lesson from Stanley Hockman of the same department. One thing went wrong — Jack is still looking for Stanley.

BALLS O' LIGHTNIN!

Now is as good a time as any to tell you Stanley Hockman's true story of the ball lightning, and don't laugh please, because it is the truth. Really, it is.

This amazing incident happened down on the farm many years ago. One of the hands was bringing in a load of corn in a wagon which was pulled by a team of horses. Just as they reached the farmyard a violent electrical storm began. One of the barns afforded the nearest shelter, but no sooner than the barn was reached, lightning struck — "ball lightning." The lightning went around and around in the barn and finally landed on the ground right in front of the horses. The hand didn't waste one second. Quick as a flash, lightning flash of course, he hopped down off the wagon, scooped up the smokin' ball of fire in his already watersoaked hat and without a moment's hesitation let it fly out the barn door. Now it is a good thing he did that. Because, I am a tellin' you, when that ball of lightning hit the ground, it exploded and blew a hole deep enough to bury the wagon and the horses that were a pullin' it. P.S. — The hat didn't even get scorched. So there it is. What do you think?

Remember drivers, to obey all the highway signs. After all one of them may save your life.

Nothing is so contagious as example.

One night Junior brought the family jalopy back in time for his dad to use it. But the gas tank was as empty as an old maid's date book — didn't have gas enough to crawl to the gas station. Is that right, Tom Kelly? . . . Bush Cochran wears his safety hat for two good reasons. (1) For his personal safety, and (2) to protect those wild hairs that seem to bump into everything when the hat is removed.

LAWRENCE NANGLE of 903 Edgmont Avenue, Chester, Pa., is a 1st class chipper and caulker here at Sun Ship. Starting his employment in 1929 as a passerboy, he had previously sailed on Sun Oil tankers for two years. Married and the father of one child, his hobby is the Fire Company. — E.E.W.

"Monk" said the butt was "three ax handles and two spans long and five flashlights wide." What kind of measuring could this be? . . . Who is the welding leader who owns a '56 Buick, Super, hardtop, and buys gas by the gallon? Yes, he was seen walking through Eddystone carrying a gallon of gas in a jug.

HALF SHOT

Speaking of jugs reminds us of the story of a smaller article of glass used for drinking purposes; the shot glass. It seems Jim Ferguson happened to use it accidentally when Jim had an irritated throat so he thought he would gargle with some listerine. The nearest thing to put the antiseptic in was a shot glass. So Jim poured out the proper amount and then instead of holding it in his mouth he left it go down the hatch. It cured the throat, but he was almost tempted to call one of the fire companies to put out the fire.

The one and only time to look down on your neighbor is when you're bending over to give him a lift.

When a wife is "outspoken", I'm sorry to state, the one who outspeaks her is seldom her mate! So says Joe Shea of 58E, 2nd shift. . . . What happened to Foreman Ed LaCrosse's uniform just before the big parade? Ed Humphreys wondered if the "fire bugs" got it. . . . Incidentally, the Firemen's Parade this year was bigger and better than ever. Nice to report the shipyard was well represented by those who took part.

Did you know that there are 2,000 sets of telephones on the U.S.S. Saratoga? . . . On Saturday, May 19th, 35 cubs from Cub Pack No. 45 of Glenolden toured the Boiler Shop. No. 1 Shipway, USNS Maumee, drydock and the Louisiana Sun. An interesting time was had by all. . . . Joe Ozar from Mahanoy City, and not Scranton, changed the name on his hat to Ann, because she just bought him a new Fairlane Ford, Persian blue.

Fisherman's Lament

His favorite fly is crushed and bent,
And won't float on the water.
It looked so natural on his hat,
His wife just used the swatter!

When a man forgets himself he will usually do something that everyone else will remember.

Talking about the new fashions for women reminds us that you seldom, if ever, hear about clotheslines breathing anymore. . . . For the edification of those who haven't heard the real reason why Foreman, Joe Ireland of 58E, plunged in between the pontoons of No. 2 Drydock, here it is: He was trying to invent a new swimming stroke, and after all that effort on his part he finds out that he still has to improve his techniques. The reason being, his right wrist gets tired after awhile. He is going to try again, but the next time will be in the Atlantic Ocean off Cape May. In all seriousness, Joe, we are all glad you came out of it all with just a few wet clothes.

How come Tony Bennetta, the 2nd shift shop burner, showed up at work with a 12-foot piece of clothesline in his lunch bag? . . . No wonder Warren Watt sold his cabin

cruiser — last time out, both he and Bill DeLoaf got lost in a rowboat out in the bay.

Genial Mike Znachko of 74 Dept., now stationed under No. 2 Shipway, informs us that he is going to buy some plastic fishes for Gerald Evans of 33 Dept. Crane Runners; Albert Briscoe of 58E; and Bob Roath of 59 Dept. Then the three of them can put the fish in the bath tub and fish to their heart's content without getting sick. Understand the three of them had a pretty rough time the last time out.

Remember it's not the clothes you wear that create a good impression, it's the expression you wear on your face.

Harry "The Dirt Farmer" Dongel is out of business just as fast as he got in it. Quite a few people were wondering how he raised so much dirt overnight — approximately 167 cubic yards. Harry Butler was the promoter and salesman. The good dirt was selling for 50c a 100 lb. bag, or $9.75 per ton. But now that the dirt has been moved again, the business has been liquidated.

Hot shot Brownie states that an electrician is "a guy who wires for money." . . . The Czar says a pedestrian is a man who owns two cars, has a wife and a son home from college on summer vacation. . . . As stated in the last issue, the welder who goes by the nickname of "Ding Dong", is not Walt Seltzer but Walt Kraft. . . . Wonder why Carter, the Counter, calls Steve and Mason the "Gold Dust Twins"? . . . Who has been taking vitamin pills and going to see the chiropractor to feel better and then wakes up at 2:30 A.M. bursting with pep?

One bad feature about good sportsmanship is the fact that you have to lose to prove you have it.

Frank Hibbs, leader in 81 Dept., retired June 1st. Both he and his wife left for Texas to visit with a son who is a Texas Ranger, and then on to Florida where he decided to settle down. This column wishes you both many years of happiness ahead. . . . We extend to Walter "Joe" Bartos of 60 Dept. best wishes for good health and happiness in the years to come. "Joe" recently retired from the yard. . . . Why is Parnell from the Sheet Metal Shop known as Gabby Hayes?

Charlie "Free Lunch" Filbert claims a playboy is a fellow who lives to a ripe old age, disgracefully. . . . You can always spot a well-informed man. His views are the same as yours. . . . Moses "Mose" Levinson of the Drydock shipfitters went to a big banquet quite recently. After the banquet was over, Mose was strolling around giving the place the once over when he happened to see Walter White. Now guess what Walter was doing? You never will, so we will let you know. He was bent over a tub of suds and the tub was full of dishes. So from now on he will be known as "Bubbles". Have to admit it is a nice sudsy name.

So until next month, so long and good luck!

Set In Their Ways

In a school essay on "Parents," the young hopeful wrote: "We get our parents when they are so old it is very hard to change their habits."

CAROLYN DONGEL, 20, daughter of Harry Dongel, Asst. Foreman in 59 Department, completed her schooling at the Maryland State School for the Deaf at Frederick, Maryland.

FROM GRADUATION TO SILENT RESPONSIBILITY

By Harry Dongel

May 24th was graduation day and as we had done before, we drove the 100 odd miles to Frederick, Maryland to see it. This was the last time, for our daughter was to complete her schooling.

It's so wonderful to see people accomplish that which began many years before — in this particular case 17 long years. At last with schooling completed, to face the world is truly a challenge for any of us.

During those 17 long years, through patient love and devotion on the part of faithful teachers, there was established a knowledge and responsibility with which to carry the students through their future lives as useful citizens.

And as the principal speaker expressed himself, he stressed the love of God and fellow man and then: RESPONSIBILITY. He repeated the word time and again by placing his left hand fingers in, just below the right shoulder and the right hand on the shoulder above it. This sign language was needed to communicate to his audience, for you see, all of them are deaf.

We sat seeing all those eager faces listening with their eyes. Truly it's a sight and experience long to be remembered.

And as those young people left their school to face a silent world — some able to say a few words, others able to read lips to a degree and still others with lesser talent — they are just as happy and confident as those equipped with all the blessings that the good Lord bestowed on most of us.

Because they are trained by those patient and devoted teachers to face the world and take their individual "RESPONSIBILITY", they will demonstrate that they can carry their load as any other citizen.

May the spirit of the handicapped not put us to shame, but urge us to recognize our own responsibility to make use of the physical blessings bestowed upon us.

By Al Bagby

Well here we go. We are really sorry to say, but as you all know by now, we have two of our friends in the hospital — "Cool Breeze" of the 1st shift and Sonny Marshall of the 2nd. I know all of you will go along with wishing them both a speedy recovery.

Boy, is it hot. Just watched the Phillies on TV as Roberts took over Chicago. I know if "Big Sam" Britt was watching he got a great kick out of it. Have any of you fellows been lucky enough to see Jamerson's new Chevrolet? Boy, it is a dream. We will have to arrange a race between Jim and Walter Barrett.

Don't hear coach Bill Crews talking about his baseball team. Wonder why? Maybe if I go to "Sand-Hog" Val Jones I can find out. . . . Won't bother to call names, but quite a few guys so far this year forgot to duck — black eyes were quite common for a while. Hear they were caused by everything from a door to a bag of food. Let's be more careful! . . . We wonder when "Streamline" and Bob Smith are going to open up No. 4 Yard. They have been up there long enough to build a tanker. By the way, Bob, we are glad to hear that your wife is doing fine after her operation.

Well, as it is vacation time, there isn't much to write about, but I could make this column a little more interesting if you fellows would let me in on your summer plans and vacation ideas — also let me have some pictures of you, your families and friends. So let's get busy and next month I will try to have a real good write up for you. So long for now, I am going to try a nap. See you next month!

June 2, 1956

Dear Mr. White:

Please accept our thanks for the blood donation for Mr. F. J. Dute, my husband, April 10th. He is improving every day and suffering no pain. We are so glad our son is able to help by giving blood.

Very Sincerely,

Fred J. & Carrie D. Dute

By Eddie Wertz

Hope everyone enjoyed an enjoyable safe and sane 4th of July celebration! . . . The two Eddies will celebrate their wedding anniversaries this month; Carreras on the 19th — 23 years, and Wertz on the 24th — 27 years. Congratulations to the girls on their fine choices. Right Eddie?

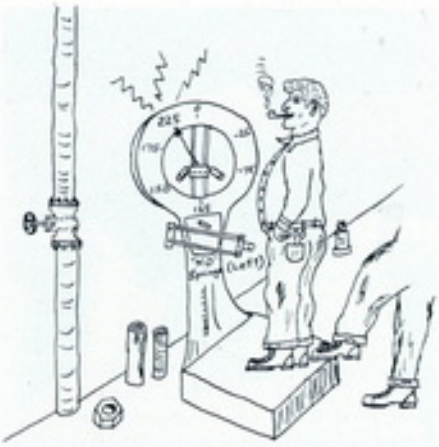
Speaking of hobbies, we have at Wetherill photographers, and model plane builders, but Johnny Wolf will never take up fishing as a hobby because he gets sea sick from a little ole "can of herring". But if you want to see a wow of a hobby ask Romeo Greenfield to show you his pastime. Were they "Kenneys" or "Pennies" air shoes? No wonder your feet were cold, Romeo! . . . Miss Beverly Weidner graduated from Eddystone High School on June 7th among the first ten of her class, winning the Citizenship Award and a war bond. We wish you the very best in life, Bev, and hope your pet dream comes true. . . . John Carrow's daughter, Sarah, graduated from Smedley Junior High School and appears on our Junior Members page in August. Hope to hear from her again. Best wishes in your next four years, Sarah!

Laird showed up in a 1956 Plymouth claiming we knew who had the money now. Then along came Ziegler with his 1956 Dodge. Guess you didn't have it all after all, Laird. . . . If you wish to see footprints in cement, don't go to the Chinese Theatre in Hollywood. Just go to Media — Leon Evans has both a human and dog collection. . . . The Hamiltons have been enjoying Florida weather for the past three weeks.

LUXURY — anything you happen to want when you don't have the price!

Summer started officially at 4:15 P.M. Monday, May 28, when the M/V PRIDE was launched for the '56 season. The Admiral issued orders for Captain Kaufman to proceed to Wildwood, N. J., where the Pride will dock for those week-end fishing trips and vacation cruises. . . . Gillespie, just what do you mean by horizontal and not vertical? Sure you know the difference? . . . Between ice cream and fine money, the Begleys spent three weeks also enjoying Florida's pastimes in June.

Very glad to see Johnny Kosmider is OK, now you can have a "ruptured duck" John. . . . Herb Hall made a week-end trip to Bloomsburg, Pa., and Evans wants to know how he got through Danville without being caught. Must have been a hole in the net, Leon. . . . Johnny Gorman can go to Wildwood OK, but coming back it's always a different route. Jersey better build some new roads. We think Johnny has found all the old ones, or he'd better study land navigation. One thing more we'd like to know — why is



JENKES Is Going On A Diet Because WIDNER'S FOOT Is Getting Fatter

it he only uses his New York walk, as he calls it, after the whistle blows?

Mrs. Pauline Hyde said goodbye June 1st and left the service of our company. May we wish her the very best of luck in her new venture. . . . Bill Doran told us he was going to the Mattson Manor adjoining the Emsley Estates in Delaware; and invited Don to bring Frank down for a Saturday, saying, "Anna will feed you". But, when Don and Frank arrived, Doran had gone elsewhere and Emsley had to feed them. Emsley wants $6.00 from Doran for their accommodations. Bill said fishing was poor — only got 30 bass. (He's crazy!)

Had postcards from Dick Friedrich and from Jack Rodgers, both from Germany. They send their best regards to all you fellows! . . . Frank Thompson also retired on June 1st, and just because no one liked him the boys gave him a testimonial dinner at the Alpine Inn on Baltimore Pike. Before he left the shop, Frank said "Now I don't want anything except a piece of paper telling me why you didn't like me and if I've ever done anything for you." Our poet laureate Jack Hamilton wrote the following and I think it expresses the thoughts of all of us at Wetherill Plant. To Frank, with poetic license:

We all said goodbye to Frank
And sure miss his daily prank.
Good luck, old boy, and good health
To spend your gathered wealth.
You were a good guy
When someone else would buy.
I don't mean you were a tight wad
To beat us each time you were glad.

You were a good leader
But always a needler.
And trouble you liked to start
When you got us going
You'd leave us unknowing
At each other to holler and bark.

When all is said and done
With you we all had fun.
Come back and see us some day
Because in our minds you're here to stay
And may the good Lord take care of you.

Mr. and Mrs. Gordon Greenfield will celebrate their 36 years of married life July 10th. Romeo said he has seven children and 17

GOOD LUCK PAULINE

MRS. PAULINE HYDE receiving the thanks and well wishes of Mr. William Smith Superintendent of Wetherill Plant and **MRS. LOIS RUMBOLD** her successor.

Pauline left the service of our company June 1st after 11 years — five of which she was secretary to Mr. John G. Pew, Jr., and six years as secretary to Superintendent Smith of Wetherill. Pauline was popular with the personnel of Wetherill.

Mrs. Rumbold, her successor, who has been with us for 5 years, has a pleasing personality and is well thought of among her co-workers. We wish her success in her new position.

CONGRATULATIONS BOB

ROBERT WORRELL receives his apprenticeship papers and a company check for $100.00 on completion of four years of apprenticeship from Supt. William Smith of the Wetherill Plant.

Mr. Smith rates Bob "among the best apprentices in many years" with a "particular aptitude for the machine business in general." Good work and good luck!

grandchildren — a true Romeo!

We close with a big news flash. J. Gorman reports he is now the only one with an old car as the Mayor of Frog Pond shopped around until he got $25.00 for his at a junk yard and sold the poor thing license plates and all.

By John F. Hefflefinger

This is the month that usually finds us smack in the vacation season and we find several such items in our column this issue. . . . R. "Whitey" Peet left for a vacation in Florida on June 15. We trust he will have a pleasant trip. Gil Nagel is handling his duties in the Engine Room of 599 in his absence. . . . "Andy" Cassidy is also listed among the vacationers — taking day trips.

Hubert Johns is now to be found back on the day shift after a spell of the 2nd shift. . . . Ass't. Foreman C. Heaps is now in charge of the 2nd shift. . . . Glad to see Bill Reynolds back at his duties after a spell of illness. . . . Also we welcome back Frank Buffington to the Crane Repair Gang after his recent operation.

Earl Cox, Media Fireman No. 1, has left us and Clayton Fickenscher has left our ship repair gang, both to go with Curtis Co. Seems as if Wally Dykes will be well supplied with former shipyard buddies. . . . Someone had better remind Brownie what we use a bell set for, after that mess of hookups. . . . Mr. Emil Roenne reports a very successful trout fishing trip on a recent Saturday. . . . And while on the fish subject, what happened to the stamina of the gang who ran into a storm and implored the captain to get them to land. We hear some rather strong pleas were made. Some say never again.

Tom Dearmit, our driller, is also listed among the vacationers. We strongly believe that some of his time will be spent supervising the installation of his new fence which was demolished by a truck recently. . . . Reports, as yet not authenticated, have it that Peet has a short wave set in his car so as to keep in touch with the yard while away. . . . We are quite sure that the dream of Fred Smith came true at his birthday celebration on June 13th at the Safety Office. Anyway, congratulations Fred! . . . Sorry to report the death of the mother of Ray Smith at the good old age of 98. Mrs. Smith died on June 12th and the funeral was on Friday, June 15th.

Among the Maintenance men who are now back in the ship gang we find George Zenson, Bill Butler, Roy Irvine and Whitey Hunter. . . . "Hairless" Joe Furman reported for work recently wearing odd shoes. Don't know why, but Peet take notice. . . . Bill Butler says to get any publicity you have to hail from Wilmington. Well, it seems that's where we get the most news. . . . Custer was a visitor to a hamburger stand recently and ordered one well done. But seems like he also wanted his onions well done as he was heard commenting on the raw onions!

Query! What was Kennedy's apparel doing in the bake oven? . . . Reports reach us that on circus day, Joe Hasson took off and wanted to water the elephants for a free ticket. Also he had his whistle with him expecting to take over the ringmaster's job. Wotta boy! . . . Jack Logue is seen riding in a nice new car. . . . Is it true that Brownie fears only two things?

Yogi says he was called upon to remove the hum from a TV set, but after working on 599 for the past weeks the hum doesn't exist that his ears could find. Sure was good and noisy wasn't it? . . . C. Browne is to vacation the first week of July when we hear he is to be down on the farm with his son. . . . Dick Woleslagle had the pleasure of witnessing the graduation of his son, Richard, from grammar school on June 14.

Reports reach us of a certain crane operator who invited his buddies to stop at his place for breakfast on their way down to Cape May for fishing. Lo and behold, when they did stop no one was home; no response; no breakfast. Oh!

That's all for this month — too hot.

Disappearing Act

Lawyer: "You say you want to get a divorce on the grounds that your husband is careless about his appearance?"

Client: "Yes, he hasn't shown up in nearly two years."

Traffic cop (stopping motorist):

"Mister, your wife fell out of the car three blocks back."

Motorist: "Thank heavens. I thought I'd gone stone deaf."

MISS FLORENCE NOWAK, daughter of Thomas Nowak of the Wetherill shop, who received a Bachelor of Science degree in elementary education from Immaculata College with the distinction cum laude. On the Dean's list for four years, she was awarded the Rev. Hugh J. Bowen Gold Medal for highest general average, and elected to Kappa Gamma Pi, the National Honor and Activity Society of Catholic Women's Colleges, and "Who's Who in American Colleges and Universities."

A member of the college orchestra and glee club, she also was regional chairman of the Student Government Commission of the National Federation of Catholic College Students during her junior and senior years.

In September she will join the faculty of the Ridley Township schools.

FAXEN FIGURES

By Colin James

You get a comfortable and just plain **good** feeling deep inside when facts and figures remind you that **forty-seven of our states express recognition of, and are grateful to, Almighty God** in the preambles to their several constitutions.

You know the Supreme Court was right when, in 1892, it ruled that, "**This is a religious nation.**"

* * * *

Now you don't feel so unpatriotic for not having recognized this July 4th as the birthday of our republic. That's because you remember from your high school history that the **legal birthday was some twelve years later, June 21, 1788,** when the Constitution was ratified.

* * * *

Would you doff your topper if you heard a musical rendition of "**The Defense of Fort McHenry**"! Sure you would, because you know that that is the original title of "**The Star Spangled Banner**", and that when Francis Scott Key wrote it in 1814 he had no idea that **117 years later** it would be officially designated as our national anthem by an act of Congress.

* * * *

You are thankful that all good things are not long in coming, and glad that the **Bill of Rights did not need unanimous ratification** to become a part of our Constitution. If it were necessary, we all would have **waited the century and a half** it took for Connecticut, Georgia, and Massachusetts to ratify; they "joining up" on the 150th anniversary of the adoption of the first ten amendments to our Constitution.

* * * *

You are well satisfied never expecting to be the Sergeant at Arms of the House of Representatives, because **you will never have to swing the mace** if necessary to preserve order. The thought of having to wield this silver-tipped bundle of ebony rods, with its surmounting silver globe and eagle, **the only visible symbol of U. S. Government authority,** is not enticing.

* * * *

It's a chuckle you get when, considering some to today's aspirants to public office. You recall that **the word "candidate" is derived from the Latin word "candidatus" meaning white, and signifying purity.**

* * * *

Most appropriate, you feel, is the origin of the word "filibuster", for as you remember **it originally meant a buccaneer!**

* * * *

While you are thinking that **Congress enacts too many laws,** your thoughts are tempered when facts and figures show you that, fortunately, **only about 8½% of all bills introduced become law,** and things could be worse.

Kid Stuff

If a guy calls it a silly and childish game, it means that his wife can beat him at it.

MINERAL ECONOMICS LOOKING PRETTIER

SANDRA CAROLYN HOOT graduated from Swarthmore High School this past month. The daughter of Superintendent Frank M. Hoot, Jr., she'll enter Penn State next fall to study mineral economics.

In addition to studies these past four years, Sandra has had the following school offices and activities: Blackfriars plays, Co-chmn. food committee, Yearbook committee, Cabinet, Homeroom President and Vice President, orchestra and member Southeastern District Band — keeping physically fit with hockey, basketball and lacrosse.

Mineral economics relates to the extraction of minerals and to the preparation of their use. Other such studies are mineral engineering, mineral preparation engineering, and petroleum and natural gas engineering. It's a relatively new field of study — only two girls have graduated with this Bachelor of Science degree (about 60 altogether) at Penn State so far.

To encourage more students to enter this rapidly growing field, E. J. Lavino and Co., Phila., has established a $500 scholarship to a freshman entering Mineral Economics in 1956.

By Joe McBride

My apologies for missing the June issue. Mrs. McBride and I were attending a convention in New York City at the time the copy went to press. . . . Rumor has it that Joseph H. Proctor is about to take the step again. We wish you every happiness, Joe.

Several years ago, crane operator Mike Morley, arrived as an immigrant from the Emerald Isle. It is true that he gets homesick every once in a while, but he has the distinction of being the only Irishman that ever tried to swim back! . . . If you think your eyes are bad, it could be that your glasses need cleaning. If this is the case, my advice to you is to see "Bush" Cochran, who has a patented foam spray which he applies to your "specs" at 10¢ per shot. It really does a good job. If you miss him in the yard, you can always find him in front of the Media P. O. where he has set up a stand to accomodate the general public.

Charlie Reilly finally got even with Amos Strickland. So if you happen to walk by an empty gondola, it is advisable to wear a hard hat. . . . Rodger Dandoy and Ray Herman have planted their gardens. They were seen talking and it is believed their plans are made to combine their sales of vegetables this year. Best of luck, boys, in this new venture.

The most uncomfortable man that I have seen lately is Elliott Jenkins. "Sug" attended his son's wedding in formal attire. He asked if it was necessary to wear a tie with the ensemble. When you see a tie on "Sug" you know that he is really uncomfortable. . . . Most of the world's problems are solved during the round table conferences held in the yard cafeteria at noon. The moderator, "Heavy" Larson keeps very good order and conducts the meetings with dignity and dispatch. On the affirmative side you see such dignitaries as "Tucker" Cappa, "Willie" Emery, "Slim" Harris while in opposition you find Joseph Proctor, Brutus Falcone and Eddie Larson. Next week's subject will be: "Is a horse disqualified if he breaks a leg, or should the jockey get up and run"?

SHIPYARD FICTIONARY

By N. O. Webster

APPENDAGES — Little useless things sometimes requiring surgery.

RACKING — What we do to our brains thinking of excuses.

RESIDUARY RESISTANCE — That which keeps a girl still saying no.

STABILITY — A financial condition only on pay day.

TROCHOID — A medicated throat lozenge.

WAKE — What the helper calls to the mechanic when the boss comes in sight.

HALF-BREADTHS — Rate of respiration after walking up a flight of steps.

GYRATION — TV cowboy's cuss word.

JOINER — Member of many clubs.

KEEL — Latin-American for slay.

In Memoriam

CLARENCE ROSS

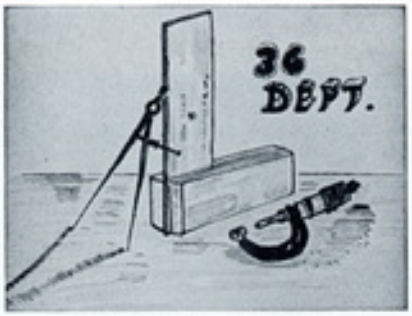
The passing of a shopmate always casts a shadow of sadness around the shop, but seldom creates such profound shock and sorrow as did the untimely accident which claimed CLARENCE ROSS on June 8, 1956.

A quiet, unassuming fellow seldom heard, he was nevertheless the type to leave deep, clean memories. As an able and conscientious worker who really knew the business, his exemplary conduct surely leaves its mark on hundreds of boys who were under his wing during the twenty-six years he was a scoutmaster.

His concern for his less fortunate fellows was always in evidence and when necessity arose, his heart and purse were open to them. To illustrate the degree of esteem his close associates held for him, six of the shop men, despite the disadvantages of a four day work week, took time out to serve as pallbearers — a wonderful tribute showing just how much he was really thought of. The pallbearers were: Dave Harris, Les Jillson, John Lawrence, Bill Wallace, Bill Meade and Frank Soltis.

Clarence Ross will be long remembered by all who really knew him, and it is to be hoped that we too may leave such clean footpeints in the sands of time. In extending our deepest and most sincere sympathy to his family, we wish them the consolation of God's help in the days ahead. — DICK CLENDENING.

WILLIAM F. HAGGERTY, 73, died very suddenly at work in the Wetherill Plant on May 15, 1956. Born in Pottstown, Pa., in 1883, Mr. Haggerty came to Sun Ship in 1931 as a helper in 47 Dept. and in 1934 transferred to the Wetherill Plant Machine Shop. He was a gardening and baseball enthusiast. A resident of Ridley Park, Pa., he is survived by his wife, Theresa Haggerty; one son, George; and two daughters, Florence Gronwall and Rose Munson.



By Gavin Rennie
(From St. Petersburg, Florida)

Warm weather arrived in time for the boys to plan their vacations. A lot of people want to do different things and go different places. Some go fishing, others go to the shore to see the new bathing suits, others plan to go for an airplane ride and leave the Mrs. at home. Still others plan to build a new fence and paint the house again. Mrs. Rennie and I are enjoying a short vacation in sunny Florida at this time, enjoying ourselves and meeting old and new friends and State Police who enjoyed stopping us for a little *"chat."*

Reds Walton, Dave Harris, Farmer Biebas and John Tingle are sporting new spring caps in the shop. . . . Farmer Biebas would like to sell, trade or exchange the Green Dragon for a plot of land in Chester Rural. . . . Les Jillson and Dave Harris are trying to gather all the white pennies in the country. I received one on this trip, so it will have to be a toss up to see who gets it.

How about a few notes to help keep this column going in OUR YARD? Will appreciate a little help.

By Harold Baker

Joe Hubert has been attracting quite a lot of attention lately. He has a fish bowl with a strange species of fish swimming around in it down at the dry dock shanty. There has been considerable speculation as to what kind of fish it might be. All of the fellows who have seen it will attest to the fact that it is a rare type. Joe gave me the lowdown on this fish: that it belongs to the family cyprinidae, or cyprinodentidae. Joe has a secret source for acquiring these and anyone interested in buying one will have to contact him.

Pat Hughes was out for a while recently — he injured his shins. Pat's wife had waxed the bathroom floor and Pat slipped on the bath mat while getting into the tub. Sometimes it just doesn't pay to take a bath! . . . We hear that Paul Davis had a pint bottle of tonic recently and Deacon Bitterlich was escorting him home with it. Paul accidently dropped the bottle and broke it. The "Deacon" tells us that Paul sat down on the curb and cried for an hour or more.

Another report has it that some friends had driven Paul down to work one Friday evening, and Paul's eyes were bothering him so badly that he couldn't see the gate! . . . Dave Thomas picked a fine week for his vacation down in Maryland. The rest of us were sweltering in the heat wave while he was relaxing in the shade at his cottage. . . Dan Dougherty is at home with his wife for three weeks. Mrs. Dougherty is convalescing at home after having spent some time at a hospital in Philadelphia. We send the Doughertys our best wishes.

Hugh McCain is still out sick. We miss him and hope he will be better soon. . . . John Hausmann has been pinch hitting for Hughey and John was in charge of the big moving operation on the first of June. . . . Bob Brown has been talking about Bill Snow's stadium. Bob says that the admission is one pink slip!

We love peace, but not peace at any price. There is a peace more destructive of the manhood of living men, than war is destructive of his body. Chains are worse than bayonets.

JEROLD

WANT ADS
FOR SALE and FOR RENT

FOR SALE — Elinor B, Steelcraft 26 ft. cabin cruiser, fully equipped and ready to go. Price $2,250.00. Can be seen at the Rossi Boat Yard, Essington, Pa. — ask at the office at boat yard for Mel Jacobs.

FOR HIRE — Boats and outboard motors at Slaughters Beach, Delaware. See Bill Hitch at Wetherill Plant at lunch time or phone either Chester 2-6368 or Milford, Del. 8840.

FOR RENT — Heather Crest Apartments, 211 E. Heather Rd., Wildwood Crest, N.J. Completely modern, one block from the beach. Week, month or season. See Michael Ferriola in Boiler Shop at lunch time or phone Howard 2-6160 or Wildwood 2-8161.

FOR SALE — MOTORCYCLE — English "Triumph" Model 5-T. Good running condition. Full price, $150.00. Call C. E. McElroy, house phone 279, between 8:30 and 5:00. After 5:45, call Hilltop 6-6913.

FOR SALE — 14 foot Trojan Boat; 25 HP Evinrude motor and trailer, front steering. Asking $600.00 Phone CH 5-3107.

FOR SALE — DIRT FILL, CHEAP. See Harry Dongel, 59 Dept. under #1 Way.

WANTED TO BUY — Trap Gun. See R. Pickett, 55-243 under 2 Way, any noon hour.

FOR SALE — Lawn Swing — $13.00; Iron Porch Glider — $12.00. Call Chester 2-6636 or see 33-209 at #2 Shipway.

FISHING PARTIES — Contact Ed Spain, Boiler Shop or call Buck Brady, Rock Hall 5211. The cabin cruiser FRANCIS II is available for private fishing parties.

FOR SALE — Boy's full size Goodyear bicycle with white wall tires. Maroon and white, horn, lights, basket, air pump and lock. Good condition. Call extension 467 or Elgin 6-2495.

Ladies Page

EVERYBODY LIKES COOKIES

A well-filled cookie jar has just as much appeal for adults as it does for children. Somehow homemade cookies mean home, warm hospitality and the eagerness of hungry children. Perhaps cookies are associated with pleasant memories of grandmother's cookie jar.

Good cookies are always in season. They are popular 'round the clock, whether they are crisp, thin or pleasingly plump — in the cookie jar, on a fancy tray or in a lunch box.

Pineapple Crunchies are good for most any occasion. Topped with golden crushed pineapple and chopped nuts, these rich, little cookies are nutritious, too.

Pineapple Crunchies

1 No. 2 can crushed pineapple
1½ cups sifted flour
1 teaspoon soda
¾ cup butter or margarine
¾ cup brown sugar
¼ cup granulated sugar
1 teaspoon vanilla
1¾ cups corn flakes
½ cup chopped walnuts

Drain pineapple; reserve syrup. Sift flour and soda together. Cream butter and sugar, add flour mixture, vanilla and 1 tablespoon pineapple syrup. Stir in corn flakes. Press into balls, 1¼-inches in diameter. Place on cookie sheet and make an indentation in each with thumb or a thimble. Fill with crushed pineapple and sprinkle with walnuts. Bake in a moderate oven (350 degrees) about 20 minutes. Yield: 2½ dozen. Store uncovered.

The fruity goodness of Pineapple Scotch Bars has won many a special friend. The delicious pineapple filling between crunchy oatmeal crusts makes them a particular treat. Made to order for entertaining with coffee and, for including in picnic baskets, these cookies are ideal for shipping to girls or boys away from home.

Pineapple Refrigerator Cookies

⅔ cup butter or margarine
1 cup brown sugar firmly packed
2 eggs
½ cup crushed pineapple, well-drained
1 teaspoon vanilla
3 cups flour
1 teaspoon soda
1 teaspoon baking powder
½ teaspoon salt

Cream butter or margarine and sugar, add eggs one at a time and beat well. Stir in well-drained pineapple and vanilla. Add flour sifted with soda, salt and baking powder. Shape into rolls 2 inches in diameter and wrap in floured waxed paper. Place in refrigerator for 2 hours or overnight. Cut in slices ⅛-inch thick. Bake on a greased sheet in a moderate oven (375 degrees) for 15 minutes or until slightly browned. Makes 5 dozen cookies.

Pineapple Scotch Bars

FILLING

¼ cup sugar
1½ tablespoons cornstarch
1½ cups crushed pineapple, lightly drained
3 tablespoons apricot jam

CRUST

1½ cups sifted all-purpose flour
½ teaspoon soda
½ teaspoon salt
1½ cups uncooked rolled oats
1 cup brown sugar, packed
¾ cup shortening

Filling: Blend sugar and cornstarch. Stir into pineapple with jam. Cook and stir over low heat until clear and thick. Cool while making crust.

Crust: Sift together flour, soda and salt. Mix with oats and brown sugar. Work in shortening until mixture is crumbly. Pat half into 9-inch square pan. Spread with filling. Press rest of crumbly mix onto filling, pressing it in so the oats will not flake off and become dry. Bake in moderate oven (375 degrees) 25 to 40 minutes. Cool. Cut in bars or squares next day. Makes 24 bars.

You'll find crisp Pineapple Refrigerator Cookies excellent to serve with a dish of ice cream or fruit. These cookies freeze well, too, so if the recipe makes more than you need at one time, the rest can be stored in the freezer or in your refrigerator to slice and bake on 15 minutes notice.

When shaping the rolls of dough, press one roll into squares, another into a circle, a third into a diamond shape, so that the baked cookies will make a pretty assortment on your cookie tray.

68 — RIGGING

By H. "Clovehitch" Sanborn

1200 — Buck reports for work at No. 1 Drydock. Started pumping out pontoons. Dock in bad shape. What's wrong with those day men?

0100 — Still working hard, not much success yet. Both sides pumping furiously.

0200 — Still rushing around trying to get things in shape, for a rest.

0300 — Things beginning to look a little better now. Might be able to stop for a quick lunch, in a little while.

0400 — Good way to get indigestion rushing around like this. Dock starting to look a little better all the time.

0500 — Should be in good shape by quitting time if I keep real busy. Man, what a night!

0600 — Just about got things in fairly good shape now. I sure am tired from running around so much.

0700 — Success at last. Dock level on both sides. Pumps starting to overheat. Hope they don't blame me. Please God let the day shift keep it this way.

0745 — Time to go home. Bones sure weary and aching. Hope I am not too tired to sleep. Not much to look forward to, another night like this. Good night everyone.

FRANK THOMPSON, SR., was given a testimonial dinner by his co-workers of Wetherill Plant at the Alpine Inn on Baltimore Pike on June 15, 1956. He had the longest "apprenticeship" on record — 46 years. He received a travelling bag so he could go enjoy the climates of Florida and California, a pen so he could write us (and we hope it's often), the bill (for his complete dinner party), and cigars to smoke while he thinks what he'd like to do to each of us.

We wish to thank Mr. William Smith for officiating for us and also Mr. Frank Thompson, Jr., for the part he played in bringing his dad out Friday, the 15th. May we once again express our best wishes for a long, healthful and happy retirement to Frank; and hope he visits now and then, for his witty remarks and mischievous pranks will be missed by all. — Eddie Wertz.

FRANK THOMPSON RETIRES — 47 YRS. SERVICE

JOHN KARLSSON AND FRANK, JR. receive cigars from the guest of honor.

SUPT. BILL SMITH presents two-suiter as Archie Brown looks on.

ON EVERY DOLLAR BILL

There's a powerful lesson on every dollar bill. Take a look at the back of one i.e., the "greenback." The two circles represent both sides of the Great Seal of the United States.

Do you know what the circular symbol on the left means? Ask a few friends if they understand the significance of the pyramid shown there, and the eye above it.

We made many tests and found that not one person in a hundred could explain the meaning behind these symbols, even though they are on every one of the billion and a half $1 bills now in circulation.

Origin of Symbols

The founders of our country thought it so important to express the basic truths of our Nation in the great seal that the matter was brought before Congress on the very afternoon of the signing of the Declaration of Independence, July 4, 1776.

Three great leaders, Thomas Jefferson, Benjamin Franklin, and John Adams were appointed as a committee of three to prepare the seal. Six years later, on June 20, 1782, after exhaustive study and largely through the efforts of William Barton and Charles Thomson, Congress passed a resolution approving the final design of the great seal.

Details With A Meaning

1. Pyramid: First of all, note the pyramid in the left hand circle. It represents the material strength of our country. In the words of William Barton, who played such an important part in designing it, it stands for strength and duration.

2. Eye: Directly above the pyramid is the Eye of God which, though separate, completes the pyramid. It emphasizes the importance of putting the spiritual welfare of our country above its material prosperity. Our Founding Fathers firmly believed that our strength was rooted in God and that our progress must always be under the watchful eye of Providence.

3. Under God: The words "Annuit Coeptis" circling the top of the seal are once again a significant proof of the faith of the Founding Fathers and this Nation's dependence on God. These words mean: "He (God) has favored our understandings."

4. New Order: Now look at the three Latin words directly under the pyramid — "Novus Ordo Seclorum" which means "A new order of ages." They signify that this new republic which had just been founded, introduced a new age in the life and freedom of the people of the world . . . that it ushered in a new era in which the people themselves would be able to exercise their God-given rights in self-government.

5. Started in 1776: The roman numerals — MDCCLXXVI — at the base of the pyramid add up to 1776 — the beginning of the United States as an independent Nation.

The Circle at the Right

Now take a look at the right-hand circle on the back of the dollar bill.

1. Eagle: It first became our national emblem in 1782 when it was chosen for the Great Seal as a symbol of strength and victory.

2. States' rights: The shield on the eagle's breast signifies self-reliance. It contains 13 stripes as a reminder that each individual State, with its basic rights and responsibilities, was expected to help protect the freedom of all the States.

3. The role of Congress: The bar across the top of the shield stands for Congress — as the unifying and binding force between the States. The colors of the bar and stripes are red, white, and blue in the seal itself. Red signifies hardiness and valor; white, purity and innocence; and blue, vigilance, perseverance, and justice.

4. Peace comes first: In the right talon or claw of the eagle, you will note an olive branch and if you examine it closely, you will see that it has 13 olive leaves. In the eagle's left talon is a bundle of 13 arrows. Symbolizing the power of peace and war, the olive branch and the arrows are a reminder to the 13 States of their obligation first to work for peace and against war.

5. Ring of light: Finally, above the eagle's head is a ring of light in gold, surrounding 13 stars of silver on a blue field. The stars denote "a new State taking its place and rank among other sovereign powers."

6.* In the eagle's mouth is a ribbon with the latin words "E Pluribus Unum" which means "One out of many". One nation out of many.

So you can see how important the great seal of the United States really is. In its design our Founding Fathers drew a lesson that was meant to be handed down for generations to come.

It may interest you to know that the great seal is used on official documents, medals, currency, official stationery and publications, and in several other ways under supervision of the Secretary of State, who is custodian of the seal.

(*Source:* Congressional Record, May 29, 1956, pgs. A4303-4).
*Added.

Contributed by Wm. Craemer