

New Methods Give Defenses Harder Steel

Substitute Alloys Found More Efficient in Fabricating—More "Shot Blasting"

By NEIL BURKHARDT
LOS ANGELES (UP)—The metal industry is keeping pace with the demands of the national defense program by perfecting new and better methods of fabricating the steel used in the manufacture of airplanes, tanks, battleships and guns.

Research scientists have developed superior processes of hardening in war armament and have discovered substitute alloys which are proving more efficient than metals previously used in war machinery.

William H. Eisenman, secretary of the American Society for Metals, disclosed that the great majority of the nation's leading metallurgists have been drafted to work on the perfection of new steel fabricating methods.

Eisenman, who is in Southern California prior to the annual Western Metal Congress, which will bring about 3,000 metallurgists and technicians together for a five-day conference beginning May 19, said that highly satisfactory progress has been made in the attempt to improve metal fabricating.

More "Shot Blasting"
Eisenman revealed that "shot blasting," formerly used only to harden surfaces of large springs in automobiles and locomotives, now is being applied to the smaller springs of motors in aircraft and other military transportation units.

"The shot blast bombards the metal parts with tiny steel balls," he said. "These hammer the surface to a hard, smooth finish which possesses great resiliency."
A new form of gas has been found, Eisenman said, which is forced into a protective "blanket" for metals in temperatures as high as 2,500 degrees Fahrenheit.

This new "blanket," he disclosed, prevents loss of carbon from the steel and maintains the high quality of the product. With this protection, modern war tanks will be able to withstand terrific heat and still keep a high degree of safety.
Without the "blanket," carbon often escapes through surface oxidation when the temperature zooms to the upper brackets.

Eisenman described how gears are now being cast centrifugally as well as by the old static method:
Surfaces Made Harder
"In the centrifugal process," he said, "the cast during solidification is spun on its axis at a high speed. The rotary motion exerts force at the outer surface of the casting. This compression packs the metal at its outer extremes, causing great hardness on the surface where the gear meshes with its mates and the most wear ordinarily takes place."

Another new method, Eisenman said, has been developed to put the high reflecting surface on sealed-

SPEED TO REPAIR SHIPS

WASHINGTON, May 10 (UP)—Maritime commission officials have ordered utmost speed in repairing seized Italian and German cargo vessels for American or British use to offset losses in the battle of the Atlantic, it was learned today.

The new speed-up order was indicative of increased administration determination to expand American shipping aid to Britain.
The situation in Iraq curtailing British oil supplies in the near east was said to have made Britain's need for oil from this hemisphere more acute than ever.

Germany has protested the plan to requisition her ships, but arrangements for their use were pressed forward anyway. The ship requisition measure will not reach a senate decision until after Mr. Roosevelt has addressed the Pan-American union next Wednesday.

SEEK MORE MILITARY PROJECTS

LINCOLN, May 10 (UP)—Four senators today said they believed migration from the state would be checked if more military projects were located in Nebraska.

"Many thousands of men have left Nebraska to work in defense factories and many thousands more have been taken by the state for military service," declared a resolution introduced in the unicameral last night, asking congress and President Roosevelt to provide Nebraska with more defense work.

Introducers of the resolution were Senators R. M. Howard, Harry Gantz, Charles Tyrdik and L. B. Murphy.

WABASH

By Journal Field Representative

The Wabash schools will close the last of this week, with a short program on Friday, and a picnic.

William Bourke, who formerly resided in Wabash, but now lives in Murdock, is assessor for this (Elmwood) precinct, and was here several days last week listing the personal property of Wabash folks. Everyone knows "Billie" and he was welcomed by many of his old friends.

Writes from the West

Mrs. Harry Dehning writes to friends from their home in Clearview, Washington, to which they recently moved from Wabash, saying they like the western country very much and that Mr. Dehning is employed in a plant that manufactures aluminum and is well pleased with his work.

Visited Relatives Here

William Otto, former resident of Wabash, who now makes his headquarters in Washington, D. C., but travels extensively as an organizer of the Postal Carriers' association, of which he is a high officer, and his wife and daughter, who reside at Albuquerque, New Mexico, visited here Wednesday at the home of Mrs. Otto's nephew, Ralph Richards and family. Mr. Otto travels over the entire nation and goes to some convention of the organization he represents every month of the year, or oftener. Following their brief visit here, they continued on to other points.

Spent Day in Lincoln

Members of the Freshman class of the Murdock schools, of whom Elwin West of Wabash is one, enjoyed a trip to Lincoln last Monday. They visited the state capitol building and other places of interest, acquiring a good deal of information not available in the classroom.

Visited Twin Grandchildren

Mr. and Mrs. Carl Hansen were in Lincoln Sunday, where they were guests at the home of their son, Roy Hansen and family and enjoyed most of all visiting with their five-month-old grandchildren, James L. and Janet L., twin children of the latter. Although twins, they were not born the same day, James arriving at 15 minutes before midnight on December 14, and Janet about 15 minutes after midnight on December 15.

Killed in Auto Wreck

Charles Shirley, former Cass county resident, met death in an unusual accident near Norfolk some ten days ago. Mr. Shirley, who was engaged in the produce business at Norfolk, was en route to the country for his daughter, who teaches a rural school when his car collided with a truck. He was not injured in this accident, however, and was standing in the road discussing the wreck and appraising the damage, when another car came along and struck him, killing him almost instantly.

The deceased was a brother of Mrs. Ella Colbert and a son of Mrs. E. L. Shirley, now of Lincoln. For a time he resided in the vicinity of Wabash.

Funeral services were held Monday at Norfolk. Mr. and Mrs. Ralph Colbert drove there for the funeral and were accompanied by the father of Lincoln and Miss Patricia Shirley, a teacher in the Murdock schools. They returned home Tuesday.

FOOD FOR DEFENSE DRIVE

LINCOLN, May 10 (UP)—W. H. Brokaw, director of the Nebraska agricultural extension service, today announced a three-point program suggesting Nebraska farm people cooperate in the nationwide "food-for-defense" drive.

Brokaw said the essentials of the program were (1) convert feed into food, (2) grow into livestock, (3) feed the family for health.

"This three-point goal, along with practical suggestions for reaching it, will be the keynote of women's project club work, the pasture-storage-livestock program, the farm and home program, and all other activities sponsored by the extension service this year," Brokaw said.

FIND "DEAD OIL"

BEDFORD, Ia., May 10 (UP)—"Dead oil" has been found in the test well three miles southwest of here, Kenneth Harper, chief driller for a Wichita, Kansas drilling firm, said yesterday. He explained that "dead oil" is a worthless form of oil that has "lost its life." He said it has no bearing on whether there is valuable oil deeper in the ground. Drilling will be continued.

Shelter Camp in Berkshires Called Model

Peace-Time Test Is Made in Center Built for Evacuees—Buildings of Two Stories.

NEW MILFORD, Conn. (UP)—Although rumblings of war still have been confined to the old world, the question of evacuation of children from New York—as was done in London—has received consideration here.

One such center, the first in the country, has been constructed and may serve as a model for others should the necessity arise.

This model evacuation camp, located in the foothills of the Berkshire Hills in New Milford, already has undergone a peace-time test, with 96 New York suburbs portraying the roles of "refugees" from war. The girls are students at the Dalton Schools, Inc., of New York City.

Buildings of Two Stories

The center was built on top of Buck's Rock by the Children's Foundation, Inc. This is a Connecticut corporation formed last summer by a group of wealthy New York industrialists to extend financial and educational assistance to child refugees. Housing for 125 children and 15 adult supervisors is provided for on the 128-acre tract. Three buildings are for sleeping quarters and the fourth contains a social hall and classrooms. All are two stories high. The flat roofs are camouflaged to blend with the terrain. The structures are made from red wood with sheet rock insulation.

The "refugees" sleep in compact quarters with two-tiered bunks set in the walls. They are divided into age groups. As each group completes a month's training at the center it is replaced by another.

Classes in Any Crisis

An important aspect of the center is the fact that it is planned to permit the continuance of education even during an emergency. Classes will continue no matter how grave outside circumstances may become. Directing the educational program is Miss Helen Parkhurst, head of the Dalton Schools, Inc., and also head of the International Council of Education.

Miss Parkhurst emphasized the foundation's belief that "education especially during times of emotional stress, is almost as important to a child as clothing, shelter, or food."

The center will not remain idle during the summer. It will be turned over to English evacuees at present living with "foster parents," so that they may spend a summer with children of their own nationality. They will return to these "foster" homes next fall.

CAMP FIRE GIVES PROGRAM

In special observance of Inter-American Music Week, the Sunowa Camp Fire girls gave a program at the Masonic Home last evening.

For several weeks the girls have been studying about South America and from their studies they evolved a little South American dance, originating their own dance steps to the tune of "Cielito," a Spanish song. Half the girls dressed as South American gauchos and the other half as señoritas. They concocted their own costumes from old clothes and dress-up boxes possessed by the girls. Nothing new was used. The finished costumes were authentic and very charming, proving the resourcefulness of the Camp Fire girls. They presented a colorful picture as they gracefully executed the steps of the dance to the accompaniment of gayly decorated tambourines.

After their dance, the girls separated into two groups, one singing "The Spanish Cavalier" and the other "Yankee Doodle" to the tune of Solomon Levi. This was directed by Mrs. E. H. Bernhardt, guardian of the Sunowa Camp Fire girls.

EXTEND LIQUOR SALE HOURS

LINCOLN, May 9 (UP)—Governor Dwight Griswold today signed a bill to extend one hour the legal closing time of liquor sales.

The liquor bill, sponsored by Senator John Adams, Jr., of Omaha, sets 1 a. m. as the uniform maximum closing hour for beer and liquor sales subject to local option.

AUTHORIZE NEW VESSELS

WASHINGTON, May 8 (UP)—The house naval affairs committee today house naval affairs committee today new fleet auxiliaries that will cost an estimated 350 million dollars.

TO HOLD TRYOUT CAMP

SIoux CITY, Ia., May 8—The scouting personnel which will look over talent in the tryout camp to be held by the St. Louis Cardinal organization at Yards Stadium here next Monday (May 12) was announced today by Robert L. Finch, who represents several Cardinal minor league clubs.

Scouts Joe Sugden and Joe McDermott, both widely experienced baseball men, will be among those on hand at the tryouts according to Finch, director of the camp.

Both of these men are qualified judges of baseball talent. Sugden is in his forty-seventh year of baseball. Finch feels that Sugden will be a valuable asset to the camp. Joe's many years of experience enable him to judge a youngster's ability accurately. He is especially fond of working with pitchers. He has caught and coached some of the best hurlers in the game during his career. Many years ago he was one of the most prominent catchers in the game.

The tryouts which open here Monday and last for nearly a week are open to all young players from 17 to 23 who believe they have ability to play professional ball. To receive tryouts, boys merely have to present themselves at Yards Stadium next Monday morning at 9 o'clock, bringing their shoes, gloves and uniforms. Out-of-town boys must finance their trips to Sioux City and living expenses while here, planning to stay 3 or 4 days to complete tryouts. Players signed to contracts while in camp will be refunded their expenses.

FEDERAL PRISON IN TEXAS IS BEST FOOD PRODUCE

LA TUNA, Tex. (UP)—La Tuna's government-operated farm, 18 miles north of El Paso, a unit of the federal correctional institution, led all other federal prisons in the production of food during 1940 according to prison reports.

Warden T. B. White, directing officer of the institution, credited the sunny southwest climate and the "well-trained employees" of the farm.

La Tuna produced almost all of the root and leaf vegetables the government figures are necessary for the proper diet of inmates, and was the only federal farm to produce a great variety, the reports showed.

The average per capita production of vegetables, exclusive of potatoes, per day, was 1.06 pounds. Chief products raised include alfalfa for the farm's dairy, corn for its hogs, carrots, beets, beans, spinach, turnips and several others.

The farm employs only prison labor and uses modern farm equipment and tools.
Warden White points out to visitors that at one time the now fertile, productive farm was desert wasteland of mesquite, cactus and greasewood.

SEEK FEDERAL MARKINGS ON NEBRASKA HIGHWAYS

LINCOLN, May 9 (UP)—State Highway Engineer Warden G. Scott announced today the highway department would ask the American Association of Highway officials for federal markings on nine highways in Nebraska.

The new markings as granted will encourage interstate traffic and simplify traveling through uniform federal markings, Scott explained. Among the requests is one which would extend U. S. 159 from Nortonville, Kansas north through Hiawatha to Falls City, then east across the new Missouri river bridge at Rule, then north to connect with U. S. 59 at Craig Missouri.

FLOATING STORE RESCUED

GROVE, Okla. (UP)—A crew of neighbors wearing hip boots rescued C. M. Rebnan's floating station and general store after it had floated off into Grand Lake. Redman had intended moving to higher ground when the huge lake began forming last year. But he waited too long.

COLLECTS HEAVY TAX

SEATTLE, May 10 (UP)—Frank state collected \$341 in estate taxes from the \$144,343 estate of the late George Fisher of Falls City, who died June 14, 1939, State Tax Commissioner Frank J. Brady reported today. Deductions totaled \$103,791, leaving a net of \$40,551.

ITALIAN KING TO ALBANIA

ROME, May 10 (UP)—King Victor Emmanuel has flown to Albania to tour Italo-Greek battlefields, it was announced today. The king landed at Tirana, capital of Albania.

John Tyndall is Held for Death of Four Persons

Murder Occurred at the Macy Indian Reservation and Prisoner Is Held in Omaha.

OMAHA, May 10 (UP)—John Tyndall, for many years a popular prizefighter at the Macy, Nebr., Indian reservation was lodged in the Douglas county jail here today, charged with a federal complaint of murder after he had knifed to death his estranged wife, her parents and her sister-in-law at the parent's home near the reservation, Friday afternoon.

En route to Omaha from the county jail at Pender, Neb., Tyndall pleaded innocent before United States commissioner A. P. Coleman at Walthill and waived preliminary hearing.

The dead besides Mrs. Tyndall, 43, were: Mr. and Mrs. Robert Warner, 78, and 67, respectively, and Mrs. Victoria Parker Warner, 34.

Tyndall, known as "Crazy John" to ring fans in northeast Nebraska, was arrested without a struggle by Indian officers as he was sauntering along a road not far from the tragedy.

He refused comment to officers about the quadruple slaying, but Cecilia Tyndall, 12, a daughter, told the story in detail only after youngsters playing near the home found the bodies.

Cecilia, who told officers she was too frightened to tell immediately what had happened at her grandparents' home related the following story. She was with her grandparents near the house when they heard her mother scream.

As Mrs. Warner, armed with a broom, her husband and Cecilia ran toward an outbuilding near the home, Mrs. Tyndall staggered out bleeding and collapsed.

When Mrs. Warner rushed to aid her daughter, the girl said tearfully, he attacked her with a knife.

Then when her grandfather bent over his dying wife he in turn was stabbed in the back, the girl related. Tyndall then fled to the home of Mrs. Victoria Warner, wife of the Warners' son, Carl. He stabbed her to death, apparently as she attempted to flee.

After the slaying, the girl said her father took her by the hand and cautioned her not to utter a word about what had taken place.

Cecilia said that before she slipped away from the house, she heard her father tell a relative, who was at the Tyndall home, "Good-by, I'll never see you again."

Many officials said Tyndall had gone to the Warner home last Sunday to effect a reconciliation after a 10-day separation. T. S. Essex, justice of the peace at Macy, said Mrs. Tyndall had asked for a peace bond against her husband last week, and custody of a child, Norcis, 14. Another child Corbett, 16, survives.

A federal charge of criminally attacking an Indian woman was turned over to state authorities against Tyndall last winter in Omaha when the alleged crime was not established as being on the reservation.

UNUSUAL BIRTH CASE

CINCINNATI, O., May 10 (UP)—Physicians at Jewish hospital have announced that a baby boy, born 3 1/2 months prematurely, has been kept alive in an incubator with the aid of a whisky stimulant since his birth April 12.

Hospital officials who said the case was exceedingly unusual scanned medical records to determine whether the boy was the first born so prematurely.

The boy is the first child of Mr. and Mrs. Richard Stanford of Cincinnati. The attending physician said babies rarely survive when born before six months gestation and that it was encouraging that the boy had lived almost a month. At birth the boy was too small and too delicate to be weighed. Three days later he weighed 1 pound, 7 ounces and was thirteen inches tall.

GREAT CROWDS HEAR WILLKIE

NEW YORK, May 8 (UP)—Police estimated today that 116,000 persons attempted to enter Madison Square Garden last night to hear Wendell L. Willkie, telling a "freedom rally" that Germany would be defeated in 1942 or 1943 if American war materials were delivered safely to Great Britain.

Willkie, urging that the United States guarantee delivery of Britain-bound war materials, said "I care not whether you call safe delivery convoying, patrolling, airplane accompaniment or what not, we want those cargoes protected."

Subscribe to The Journal

Alvo News

Special Journal Correspondence

Lafe Mullen and family spent Sunday afternoon at the J. L. Dimmitt home. Mr. Dimmitt has been quite ill recently.
H. L. Bornemeier has a new tractor that is equipped with lights and all the new accessories to help speed up farming operations.

Glenn Dimmitt and family called on Glenn's parents in Greenwood Sunday afternoon. They also called on friends in Ashland Sunday.

Mr. and Mrs. A. B. Stroemer were in Lincoln Saturday afternoon to attend the Farmers' Fair held at the Agricultural college. Miss Margaret Jean took part in the style show.

Church Ladies Meet

The church ladies met at the church for the regular May meeting Wednesday afternoon. The hostesses were Mesdames Minnie Peterson, Harry Weichel, Arthur Skinner and George Velde. The program was in keeping with Mother's day.

The business meeting was held up stairs and the serving was in the basement, where the committee provided delicious refreshments. The tables were set and very beautifully decorated with spring flowers.

Former Alvo Lady Visits Here

Mrs. Jacobson of Pennsylvania, who was the former Miss Vera Wolfe of Alvo is expected to visit relatives and friends here soon. She was expected to arrive last week end in Omaha. Mrs. Jacobson was a very efficient clerk in the Fred Dreamer store, where Elmer Rosenow is located, several years ago. Mr. Jacobson was superintendent of the Alvo high school several years ago.

Re-Erecting Barn

Ben Muenchan has been re-erecting his horse barn that was blown over last summer by a tornado wind that did much damage to the buildings on the Muenchan farm. Several of the neighbors have been helping put the barn in usable condition.

Entertains Club

Mrs. John Hammel was hostess to the Reading club at her home Thursday afternoon.

Mrs. Minnie Peterson had charge of a Mother's day program. The club voted to furnish five dollars towards sponsoring the Bible school this summer. Delicious refreshments were served by the hostess.

Setting Out Orchard

A large orchard is being put out on the Hewit farm just east of town where Mr. and Mrs. George Velde live. They are extending the orchard to the north line fence. Eight men have been working on the job. Last year the present orchard yielded fine quality apples in large quantities.

Sophomores Give Party

The Sophomores gave the Freshmen and Juniors a weiner roast north of town Wednesday evening. The Seniors were on their sneak day, so the rest of the high school folks had fun, too.

Miss Ruth Moler and Dale Thurman sponsored the group.

Girls' Reserves

Members of the local Girls' Reserves and their sponsor, Miss Ruth Moler, drove to Lincoln Thursday evening for a picnic supper in the park. After lunch they attended a show. All report a very good time in the capital city.

"Laugh Clown"

"Laugh Clown," a three act comedy, was presented by the Senior class with some help from others, in the high school auditorium, Friday evening to a large and appreciative audience.

Characters taking part were Phyllis Drewel, Arlene Collins, Sheralee Coatsman, Darrell Kinney, Charles Gantz, Hilton Rogers, Evelyn Drewel, Donna Vickers, Lloyd Mickle, Marie Ruster, Lelia Ruth Collins, Boyd Elliott, Ralph Roelofs and Dwight Tinker.

FACE CHILD ABANDONMENT

DES MOINES, May 10 (UP)—Mr. and Mrs. John Fanning of Cedar Falls pleaded guilty yesterday to abandoning Mrs. Fanning's nine-day old baby on a lawn here April 30.

District Judge Joseph Meyer sentenced Fanning to six days in jail on a charge of contributing to the delinquency of an infant. His wife will be sentenced next Tuesday on a charge of child abandonment. The lighter charge was filed against Fanning by a grand jury because he was not the father of the child.

Sinking Steels Navy Recruits from Canada

Survivors of Rajputana Eager for Call to New Ships—Some Men Went Down Fighting.

By BRIAN A. TOBIN
An Eastern Canadian Port (UP)—Life aboard the armed merchant cruisers which patrol the North Atlantic is "not bad at all," according to young Canadians who have helped to man these Royal Navy ships.

And sailors of the ill-fated Rajputana, recently sunk by two German torpedoes, should know for they've seen the best and the worst of navy life at sea.

This correspondent talked to a group of them while they awaited restlessly to begin their "survivor's leave." They were part of the Canadian group of 120 officers and 20 men rescued when their ship went down with guns still firing in a dawn attack.

The Canadian ratings aboard were all stokers, first class.

"Routine on the armed merchant cruisers is the same as on other navy ships," F. Ineson, of Toronto, explained. "We stand watch four hours on and eight off. In our free time we sleep, wash and mend clothes, or spend some time in the recreation room."

"The Rajputana had a good recreation room," said J. Dickson, also from Toronto. "We used to play darts and table tennis. There was a piano, too, and some of the fellows got up a band with a guitar and mouthorgans. We played tomboola, too. That's the only gambling game allowed in the navy."

"There was a good library on the ship," H. Fisher of Toronto said. "They had a pretty good selection of books."

Only a small part of the British crew of 340, the young Canadians, many of them at sea for the first time, found their English shipmates "a mighty good crowd."

"They were decent to us," Dickson said. "Some of those fellows would give you the shirt off their back."

A few of the Canadians had an opportunity to repay some of that good-will when the torpedoes struck.

Stoker T. Sheppard, of Cardigan, P.E.I., L. Fassett of Windsor, Ont., and C. Warford, of Sydney, N. S., went below while water and oil poured into the engine room and rescued two English groasers. One later died in hospital.

"They were covered in heavy oil," Sheppard related. "I got soaked in oil and water trying to reach them, but they nearly drowned in it. We felt the ship listing badly, and altogether it wasn't a healthy place below there."

Stoker G. Turgeon of Quebec City also had a taste of life below the waterline in a sinking ship. He was one of the Canadians on duty when the first torpedo struck.

"We stayed on at our jobs for about five minutes, and then were ordered above," Turgeon said. "Nobody waited for a second call, I can tell you, but there was no panic. In fact, everything went off as though we'd been practicing it all our lives."

There is nobody "off duty" when action stations sound. Men not at their regular posts form fire parties, hand up ammunition, or help with first aid. The whole ship fights.

The Rajputana was noted for her "action stations" drill, these sailors told me. Young in the navy, they are already old in its traditions. First consideration now is that leave. Then—"Why, sure, we'll get another ship. Who'd want to stay ashore!"

POKER REMOVED FROM FOREHEAD, GIRL LIVES

SLOUGH, Eng. (UP)—The life of a 7-year-old girl who had a poker deeply imbedded in her forehead has been saved by miracle surgery. The child, Audrey Waggott, was taken to a hospital with a poker buried 1 1/2 inches in her forehead. She was conscious, and did not appear to be much in pain.

Doctors despaired of saving her life when she was rushed to the operating room.

Dr. Nathaniel Miller, who has made a close study of the brain, was called in, and he declared that it was impossible to remove the poker. With infinite care Dr. Miller and another surgeon worked round it.

Finally they were able to take it away altogether without injuring the brain—a feat almost unprecedented in British surgery.

Audrey is apparently little worse for her injuries, and it is believed unlikely that she will be perma-