THE WAYNESVILLE MOUNTAINEER

THURSDAY, JANUARY 27, 1938

No Bird Hunting

Will Be Allowed

According to G. C. Plott, cough

refuge and special game protector,

a recent meeting of the State Boar

of Conservation and Developme

held in Raleigh, it was voted to ph

hibit the hunting or taking of game

birds or animals on Sunday in New

This regulation will become effect

Carolina.

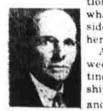
On Sundays In N.C.

Modern Battleships Can Stand **Heavy Bombing Without Sinking**

Inside Of Battleship Is Mass Of Steel, Carefully Fabricated **To Perfect Balance**

Editor's note-This is the second of a series of articles written on ship heavy and light cruisers, known as building by Harry H. Hall, a former shipbuilder.

Before going further into the description of the building of a ship, radius as they get lighter. As they go let us endeavor to get a little concep-



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tion of what a ship is, what she looks like in- the same as that of a merchant ship. side the steel walls of her outer shell, or hull. As we mentioned last week, there are two distinct general types of ships: those designed constructed for naval service, and those

H. M. Hall

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es, and for pleasure craft. At the top miles, about 24.25 land miles, per of the first classification is the battle- hour. She carries eight 16 inch guns, ship, at the top of the other are the firing a broadside mach larger merchant passenger ships pounds, and a secondary battery of of the Queen Mary and Normandie twelve 5-inch guns delivering a type, ship about one thousand feet weight of steel of 756 pounds, a comlong and more than 83,000 registered bined weight of projectiles of about tons.

Right here let us explain this question of ship's tonnage as we shall have speed of more than two thousand feet to speak of it many times in these articles, and it is rather a confusing subject, akin to speaking of miles and target unseen, but struck by mathekilometers as a measure of distance. matical calculation and precision on Naval ships are spoken of as being of so many tons "displacement." This the air "spotting" for the fire control signifies just what the word means, i. e., the number of tons of water displaced by the weight of the ship when weight of the ship plus the weight of the cargo, when loaded. Under all 1812, to the modern "Maryland" is When the weight of the ship is great-

er than this weight of displaced water a proportion has strength and size. Department recently. Its bid was the insurance companies are notified, increased because she has gone to the bottom. A vessel is held balanced between two forces-that of her weight, which is oblong box. Unlike the lighter pro- than 800 pounds. Under such a bid, the downward force tending to sink it, tection of the remaining paits, this if the Airways handle 100,000 pounds

and that of the upward pressure of heavy armored "box" extends from a of mail per year, the revenue will be the water, which exerted against her transverse bulkhead well forward, con- only \$1. bulk tends to force ner out of the nected by two longitudinal belts along each side, with a like transverse bulkwater.

Merchant ships are usually spoken head well aft. Inside of this armored of in terms of net or gross tonnage, section are placed the vital elements Gross tonnage is the entire interior of the ship, her power plant, her magcapacity of the ship measure in terms azines and tire control systems, etc. mobile accident, her 3-year-old daughof a ton per 100 cubic feet. Net ton. On top of this belt of encompassing ter, Charlotte, "never will be able age is this gross tonnage less the armor are decks of heavy projectile to smile again." Mrs. E. M. Shafer space used for engines and boilers, resisting steel; below are decks of asked \$30,000 damages from C. G offices and crew, gear and stores, and steel and a heavy double-bottom. Hilligoss, whose car was involved it other space which is utilized by the Across the entire ship from bow to the accident. ship. It represents what the ship has stern extending from the bottom to

to sell for cargo and passengers. It well above the water line, are many forms the basis for all charters for water tight bulkheads, while others

general type of construction all the way through, the naval ship changes materially, She begins to loose weight, strength of construction, and offensive and protective ability as she passes down through the classes of battle and scout cruisers, gun boats, destroyers, etc. They, however, usu-

ally increase in speed, and cruising down through flect auxiliary classes their construction becomes practically

Picture the battleship "Maryland" if you can. I can, for I helped build her. She is a mass of steel displacing 37,500 tons of water. She is 624 feet long, 97 feet 312 inch extreme breadth, sinks below the surface of the water 30 feet 6 inches. The power plant in her engine rooms drives this mass

for commercial purpos- through the water at a speed of 21.07 weighing 16,800 eight and three-quarter tons. These shells hurtle through the air at a

per second and hitting, with the large ones, a target twenty miles away, a reports from the tiny plane high in officers in a room deep in the interior of the ship.

In order to construct a ship that immersed to her normal depth. In can either withstand the force of the the case of the battleship this is only recoil from these guns, or to resist changed by the amount of coal, oil the blow delivered by them, the vessel fuel, ammunition, or other supplies must be built with strength to the used, or renewed. In the case of the extreme range of human ability. A merchant ship her displacement graphic illustration as to how far equals the weight of the ship when guns have gone since the days when hight, or unloaded; and it equals this "Old Ironsides" got the best of the "Guerierie," on the 19th of August, circumstances the weight of the ship shown between the weight of the equals the weight of the water dis- "Constitution's" broadside of 684 Airways submitted the only bid for placed, so long as the ship floats, pounds, against that of the "Mary-

Two years ago this little girl weighed 12 ounces at birth and was known as the "world's tiniest baby". Now Jacqueline Jean Benson, of Chicago, weighs 24 pounds and is as strong and healthy as any girl of her age. One Bid Bombs to Germany WASHINGTON. - Pan-American

PHILADELPHIA .-- A cargo of aerial bombs, the first of an order which nirmail service from Bultimore to will total 2,500 tons, was loaded land" of 17,556 pounds. In just such Hamilton, Bermuda to the Postoffice aboard the German steamship Crefeld, for shipment to Germany for reship-8.00001 per pound for a specific load ment, the final destination unnamed.

world

Roughly speaking the armored pair up to 800 pounds per trip and a rate of a modern battleship resembles an of \$.000005 per pound for loads more more comfortable than that of many who were ruined in health and body because of his attempt to conquer the

\$30,000 For Smile

WICHITA, Kan .- Charging that because of injuries received in an auto-

Carol, King of Rumania:



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Human Bones in Tree

LONDON .- When a man sawed through an old tree, which had fallen through old age, he found the skeletons of four human beings. Apparently, the bones had been placed within a cavity scooped out of the tree between sixty and one hundred years ago, and the panel, used to close the cavity, had become completely regrafted on the trunk.

Prepare for Flood

KNOXVILLE, Tenn .- In order to tive on Sunday, February the 68 provide reservoir capacity to control Violation of this board regulating spring floods in the Tennessee Valley, will be considered a misdemeanor an the TVA has begun to lower the giant Sunday hunting will be strictly out lake behind its \$36,000,000 Norris lawed in the state. Dam on the Clinch river. Excess

rainfall is stored in the dam basin and gradually released, preventing the usual flood damage.

"Biscuits to be made of cotton" Headline. Now, there's a biscuit the should really tickle the palate



OUR CUSTOM

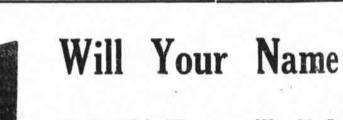
We invite you to join the scores of people in this community who are already enjoying the best laundry service any town could have. You'll agree that our work IS near perfect as its humanly possible to do, and our service is Quick.





Waynesville Laundry, Inc. BOYD AVENUE J. W. KILLIAN

Phone 205



the carrying of treight. It is the break up these sections fore and aft, am not satisfied with its conduct, I will space which constitutes her earning. The doors of all these can be closed require a change. Another name for this instantly, and at one time, by pushing was to use plates of great thickness capacity.

 capacity. Another name for this instantity, and at one time, by pushing was to use plates of great thickness, space is "Registered Tonnage."
As we said above, the battleship bridge thus localizing any water that heads one class of ships and the thous may come in through a hole in the thouse three thre and foot passenger ship heads the oth- side, to a very small section of the pieces of metal, say of 6-inch, 6-inch er. As these two descend the scale of hull.

each classification they ofmest yeach. The earlier form of armor belts and 1-men thickness each, placed a a common point. While the mer- mong the stars from a few feet bechant ship more nearly carries her low the water line, to a few feet above,



Jim-"The best I can figure out, we farmers are in for a good year."

Tom-"That is right. But we will have to watch every corner on expenses."

Jim-"I practiced that last year, and found the very place. I go to Junaluska Supply. There ain't many things they don't carry."

Tom-"I figured you were saving money somewhere."

Jim-"I can get everything there, and get it cheaper. They are out of the high rent district, and that means they can sell for lots less.'

Tom-"Thanks for the advice. I'll go there this year and put the difference in the bank to apply on my farm payments."

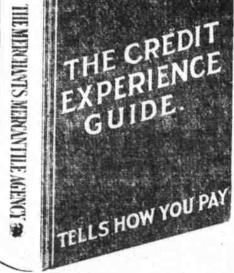


"It is my government. The day

little distance aparti than it is to pierve one piece of 10-inch steel. This is because the projectile has on

three separate times to overcome the mitial spring and resistance offered by the sheets of metal, and the force of the blow is greatly reduced. Because of this fact the newer snips have a much lighter outside armor belt, inside of which are two or three parallel belts much lighter still, separated from each other by considerable space, and kept apart by heavy frames and cofferdam bulkheads, each section made watertight from the others. These spaces are utilized for storage. This system is more defensive, and has reduced to weight so that heavier protective decks to guard against air attack can be used, and heavier guns up to 16-inch can be carried without increasing the ship's displacement.

Above the upper protective deck rise the turrets of heavest armor steel, inside of which are placed the guns of the main battery, two or three to the turret. These turrets are double decked, one forward and the other aft, and extend below the water line in part, so as to afford protection to the ammunition hoists, to power lines and fire control communication systems. These turrets revolve so as to allow the guns to be trained from a point or so foward or abaft the beam on each side and around the horizontal are forward or aft of the these two broadside points. The vertical movements, of the guns are obtained by raising or lowering their own muzzles. These two movements are so finely adjusted and poised that they are accomplished to a fraction of an inch, smoothly, without sound, with speed and the power to do this is under such control that a man can move all these hundreds of tons of steel by the turning of a small brass wheel for turret control, and another for gun control. The parts of the hull outside of this armored section are more lightly protected and give form to the ship and accommodation for less vital parts of her equipment, yet strong enough through their connection with keel plates, and bulkheads and decks to make the whole structure of the battleship the most powerful one in the world of man's achievement.



Former Kaiser of Germany still in

xile at Dorn, but his lot is much

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