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HOW NAVY WILL MEET NEED FOR MEN BEHIND THE GUNS



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Measures to Secure the 33,000 Recruits Called For in the Nation's First Line of Defence

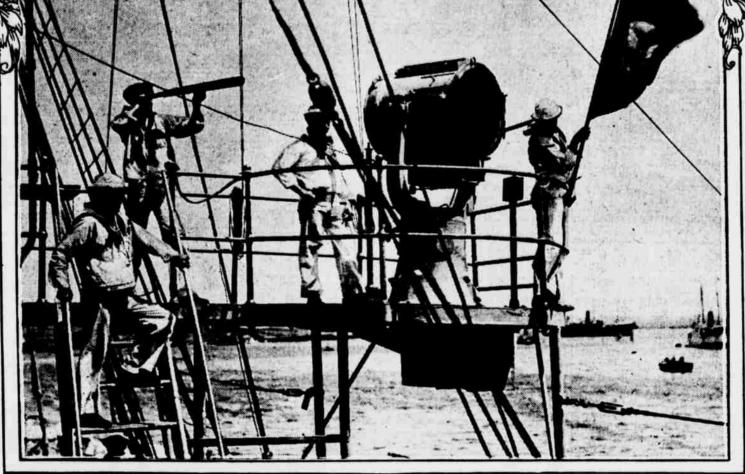
By ROBERT G. SKERRETT. | our national defence has been handi-OBILIZE the navy! Such, in capped is that given some months ago effect, is the meaning of the by Capt. J. S. McKean, then assistant Presidential order issued for material in the office of naval during the past week authorizing the operations. He showed just how the raising of the enlisted strength to fleet has outgrown its personnel. Capt. 92.700 men. McKean said:

The navy needs 33,351 enlisted men "I think there is a misunderstandto bring up its personnel to substan- ing about this complement business. tially 93,000 bluejackets. Where are We built ships without increasing the we going to get these sallormen? And number of officers and men. We had when we get them what is likely to be the ships; they were finer than we had the fighting efficiency of our battle had before, and we wanted to use fleet? Are we going to insist upon the them.

same standards that have heretofore "We said, 'Now we can get along prevailed at recruiting stations? with a few men less on this ship: we Just a year ago the Secretary of the can cut out a little here and cut out Navy said: "It is not as easy to se- a little there and that will give us a cure the enlistment of the men of the crew for the new ship, and we will right type in the United States Navy cut down on the officers here and on as is generally supposed. We have the officers there, and we will make a rigid standards. Out of every six men Commander do a Captain's job and a who apply for enlistment in the navy Lieutenant-Commander do a Comwe reject about five. . . . If by mander's job,' and so on down the line. reason of his personal record or his until we had small boys just out of the physical deficiencies he does not seem Naval Academy holding down posito measure up to the standard we de- tions that they should not have been cline to accept him." holding down and that was not fair

Manifestly this sort of sifting out is to the positions nor to them. wise in times of peace; indeed, it has "But we were keeping the fleet alive, coming from the fleet alive, coming fleet alive,

ravy's enlisted personnel. More than, divisions and squadrons, that, it is questionable whether men "Then the Admiral got behind us that, it is questionable whether men let in by a lowering of the require-ments would be capable of meeting the ments would be capable of meeting the exactions imposed by the very nature see where we could pull two or three predreadnoughts, simply because the superdreadnoughts, but the Atlantic teries on our dreadnoughts, but the Atlantic teries on exactions imposed by the very nature see where we could pull two or three predreadnoughts, simply because the of modern battle craft. The young order to put another ship in commis-



THE SIGNAL DIVISION OF A BATTLE CRAFT. HERE QUICKNESS, PRECISION, AND THE SHARPEST OF EYES ARE INDISPENSIBLE

tent to the general efficiency of the we wanted to drill the ships as groups, ment of a ship, and that is, the war complement."

them under a handicap. The public has heard that our dread-

undoubtedly contributed to a great ex- Pretty soon we got to the point where get us back to the only real comple- reserve with greatly reduced crews in solled men for this special service, and lesser cruisers, mining vessels, do- to normal causes, but made no allow- would need quite as much training as order that newer additions to the flect improved methods of training and stroyers and submarines that must ance whatever for battle casualties or an utterly inexperienced landsman in might be given men enough to work medern ideas of efficiency demand be fully manned in order to get the breakdowns directly incident to the order to qualify him for strictly mili-The craft that the layman hears than was thought necessary two or certain ships of the so-called "train" per cent, reserve force.

have sixteen coast torpedo vessels of 7

Civilians in Many Walks of Life Will Contribute to Fighting Efficiency of Our Battle Fleet

"One idea I had hoped to develop teap recruit sufficient men to add 10was to use versels that are now util- 000 to the quota in one year. We have ized for other purposes. For in- had difficulty in keeping the present stance an idea that I have had for quota full, under the conditions of some years, since being lighthouse in-spector in one of the Southern dis-slon of various industries throughout tricts, was that the lighthouse tenders the country."

might be utilized for that purpose. The demands of these industries will be greater than ever if we enter the ders are more familiar with the waters war, and again the question arises, that they operate in than anybody will the navy lower its present standelse perhaps can be, and I think that ards in order to obtain the needful a system could be developed by which men?

of exercise to familiarize themselves in case of war Admiral Benson showed with the methods of laving mines and that the merchant ships that would be handling them generally so that they called into the service of the navy would become expert and could be would require fully 17,600 enlisted men. utilized for that purpose very effec- Can we draw these men from our mer-

these familiar with the skilled work that have taken out their first papers done by the officers and crews of our to be acceptable? The great bulk of lighthouse tenders in planting, remov- our native civilian sailormen are ening and replacing lost buoys of all gaged in vitally necessary coastwise sorts, many of them far more diff- or internal shipping that cannot be incult because of size and weight than terfered with without seriously imwould be the handling of naval mines. pairing industrial efficiency and endan-True, the total force of officers and gering the public welfare generally. crews of these vessels numbers but Either these men must come for-1.605, but if 800 of them be placed at the ward and volunteer for naval service. hours we shall be considerably better others utterly inexperienced, or the green material must be drawn directly

that the desirable war strength at that To man the merchant auxiliaries the time should be 5.700 line officers and merchant sailor will answer admirably. 98,993 enlisted men. This allowed for but for duty aboard a fighting ship

tively.

off than mere numbers indicate.

man who wears the uniform of a blue-jacket may justly hold his head high and feel himself better than the gen-prisals—about every dy mother and the superficial orders took a measurable length of they exist to-day. Undoubtedly this is time, and until so many of the stations one of the first departments of the war sol their instructions none of the group was permitted to begin firing. The squadron commander must be deficit twelve months back of 37.618 in the enlisted ranks. Admiral Ben- able to feel that every ship under him in son then believed that something like will be capable of attaining full speed 23.000 volunteers could be recruited within a prescribed interval of time from civil life when needed and broken. This hinges in the first place upon the fire room force and their ability to ing and counter mining work. But in for war service "without seriously noughts, and ton for ton of displace- urally these facilities have conduced to these boats need thoroughly competent lowering the efficiency of the whole their ability to these facilities have conduced to these boats need thoroughly competent lowering the efficiency of the whole their ability to He did not state how long it would rest upon the craft's power to overhaut vice extending all the way from the This introduces a very serious prob-tire line of control, and this means that the en-many serious prob-tire line of control, and this means that the en-mines and mining, and it would take to get this wartime addition nor perior force to set away by means that the special work in connection with mines and mining, and it would take to get this wartime addition nor perior force to set away by means a some time, many weeks at best, to what length of time would be required perfor force, to get away by reason of

they could be given a certain amount In his statement of our requirements chant marine-and they must be This is not a surprising proposal to American citizens or at least those

A year ago Admiral Benson declared into our battle fleet.

and feel himself better than the gen-prisals-about every six months-was eral run of his citizen brothers, but that we stretched ourselves out more that very fact should make us ponder and more until we pretty nearly got now when we are brought face to face to the breaking point in some places. with a condition that comes close to However, we finally became so ac- ing size in the shape of more 5 inch ships have more complicated batteries, orders are distributed with great demanding the doubling of the sailor customed to it that we accepted it as force of our fighting fleet. the standard.

Merely enlisting a man does not add "In other words, we were working, just that much to the effective work- with peace complements and wo ing equipment of a ship; the recruit thought that would do in battle, bemust be made fit for the station to cause we got away with target prac- the very which he may be assigned, and only tice with those complements, namely, As Capt. McKean has said, it has been time will achieve this, the period of by shifting men about. But in battle the practice to shift these men from plained by Capt. McKean in this way: urobation or preparation, as the case you cannot shift men about; you have 5 inch batteries were brought in action of the dreadnought class and compare that are needed. And let it be undermay be, depending upon the ultimate to have all of your guns manned at upon the peace time target, but this them with the predreadnoughts, that stood that our potential enemies are importance of the duty which is given the same time; you have to have an procedure is just the sort of thing is, the big ships that have the 12 inch. doing virtually the same things. And him. The more valuable the man be- of your fire control manued at the comes as a human factor in the ship's same time; you cannot take the 12 performance the greater the amount inch men from the 12 inch guns and the attack from any direction. of schooling needed; and those most use the men for the 8 inch guns, and familiar with our navy know that year then return them to the bigger by year a larger number of men of this weapons, but you have got to have all the men in their respective places and sort are required to get the best possible out of the craft in their heeping. all trained together."

At the time Capt. McKean spoke a "It takes longer to train the men capable of filling the positions calling board of officers was busy analyzing for skill than it does to build a battlethe service's needs in this vital matship." This is what Rear Admiral three years ago when he informed the partment. With that in view Capt. national legislators that the navy was McKean said:

much in need of 10,000 more bluejackets. And in that interval every one of our men of war of the active feet has gained something in technical intricacy demanding not only more men, but more men of the higher ratings which he had in mind when he made that rather startling assertion. The general public, no doubt, is puzzled over the seemingly sudden need for so many additional seamen for the navy. The need is not a new one, but the fact has been suppressed by the Secretary of the Navy in the name of economy.

As far back as December of 1914. the General Board over which Admiral George Dewey presided then recommended an increase of 19.600 men in the service, and Mr. Daniels refused to make the report public unless the General Board struck out that feature of its communication to the Department. The Secretary has been very reluctant to admit the need of a con alderably augmented enlisted personnel, and, as a result, squadron commanders have had to make the most of their somewhat limited crews.

Possibly the most illuminating explanation of how the ser borne arm of elements of economy. As a matter of tact, these versels

flotilla

call for fairly numerous crews because the of the speed with which they must be

supplied with ammunition, this ser- than the later and larger battle craft. of control, and this means that the enloading positions of the rifles. fighting ships for hostilities.

gun to gun or from side to side as the that would be dangerous in time of \$ inch. 6 inch and 3 inch guns- where would we figure in a contest if battle, especially at night, when a ships of the Virginia class, you will we failed to measure up to this present of destroyers might rush to find that they call for more men than day standard of battle efficiency? any dreadnought we have, because But this does not explain the whole they have a more complicated fire consituation, and it is only right to the trol and a more complicated ammuni- harder aggregation of vessels to handle public that it should know what has tion supply line.

"I do not see exactly how they are been going on in the navy in the course of the last two or three years, going to perform the work on that for only in that way will the grave type of ship without more men, and I necessity for more men be made clear. am sure there will be more men called

for operations, had the temerity to tell called for on a real dreadnought." Congress of the navy's shortage of of his office and virtually censured, visable to introduce new features in force be made available. And the service went struggling on the way of fire control apparatus, &c.

"I think that this report that is after the fashion described by Capt. The ever growing importance of radio, there are both in the active fleet and miral Benson said.

This reserve numbers eighteen bat- got their instructions none tleships, and these vessels are counted group was permitted to begin firing. upon to form the second line of our Now, by reason of the substitution carry anti-torpedo batteries of increas- sea borne defence here on the castern of mechanical and electrical devices of the carlier destroyer type and sevencoast. As it happens, most of these one sort or another, information and iten torpedo boats, not generally rapid fire guns, and these weapons because of the variety of calibre, than quickness-among some of the divi- and made very effective units for min-

ment require more men to handle them rapidity of fire as well as to accuracy

This situation is very lucidly ex- terval correspondingly increased. "If you will take the battle stations brokenly more men, and skilled men at

commission that might be manned men to handle them, quite apart from organization." the special work in connection with

that can be discharged in a given in- whip unfamiliar but promising ma- to get them into line for good work. To maintain this performance un- important branch of coast defence. the simple job of dropping these sub- ing when we take into account our into the water. Nearly every harbor the Navy said: presents its own problem and each

As matters stand, then, the reserve

all big gun dreadnoughts, and fundawater areas unsuspectedly bazardous he about 6,000." mentally because of the more complito our own men-of-war or merchantcated composition of their batteries.

And yet these ships must be placed in men. A year ago Admiral W. S. Ben- assumed reenlistment, the figure in figure of the past, and in his stead Admiral Bradley A. Fiske, when aid for on that type of ship than will be full commission because the very ex- son. Chief of Naval Operations, antent of our Atlantic coast and the nounced a novel proposition which, if those honorably discharged at the end ist; the percentage of the unskilled is But this is not all, because the dread- Guif seaboard and the strategic prob- carried out, would do much toward of their enlistments. Therefore, Mr. extremely low on a modern battle craft. ter of personnel, and that body was men, and because he deemed it his noughts themselves differ to-day in hem of the Caribbean in its relation facilitating the navy's mining and Daniels concluded that "in time of Indeed, conditions in this respect have Frank Friday Fletcher told Congress expected to make a report to the De- patriotic duty to let the public know their requirements from last year. to the Panama Canal demand that counter mining work, and would make emergency the youth of the country do altered in the past decade that many just where we stood he was relieved mainly because it has been found ad- every possible batileship in the reserve available for that service a body of men would answer the call of patriotism. officers are very much opposed to emnot commonly considered in connect and I do not doubt that recruits in ploying our sailors for expeditionary In addition to these men-of-war tion with coast defence duties.

added speed. Again, inasmuch as the actual comwhip unfamiliar but promising ma-terial from civil life into shape for this Just about the same time, Mr. Daniels bat may be of short duration, it is ingave some illuminating figures to Con-Laying naval mines is not merely gress, and these have a present bear- dispensable that nothing shall go aqueous instruments of destruction prospective needs. The Secretary of be a breakdown, that men shall be immediately evailable to make promptly the required repairs. Because of the "Every man chlists for four years.

defended area has conditions peculiar and so about 12,875 are discharged brevity of the contest the men behind to it that more or less interfere with every year. • • • In 1913 the total the guns should be able to fire fast and to make certain of scoring hits. The the rapid planting or removal of loss by discharge, death and retirewireless outfit must not fail at the sument was 15,656; in 1914 it was 13,213, The latter operation would concern and in 1915 the total loss was 17,157. preme moment; the range finders must to their fullest possibilities than the more directly the neutralizing of an . . . With the present allowed be equal to the call of the hour, and in enemy's efforts to make certain of our quota the average annual wastage will the spotter tops there must be no fai-tering or lack of precision.

He based this upon a percentage of The rough and ready bluejacket is a 1915 having reached \$5 per cent. of stands either a machinist or a speciallarge numbers could be secured; but service on shore, lest that duty seriin time of peace I do not believe we ously impair the work of the fighting

ship afterward in time of contest.

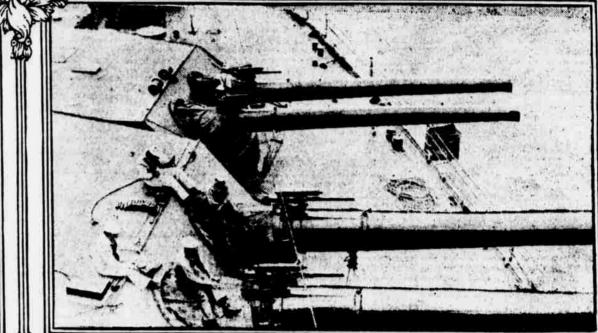
This has been brought out very strikingly by Admiral Henson, and by inference we can realize the peril to which our sea borne defence is exposed through the potential addition of thousands of untrained men. Admiral Benson has said:

"I am very strongly of the opinion that the bluejackets on battleships should never be landed for expeditionary purposes. I think it is a fatal error and should positively be prohibited except in cases of the most absolute necessity. I can give you a very good reason for that idea.

"Our organization on beard ship "la such that the men in charge of the turrets are our leading man, corresponding, in a way, to the sergeants and corporals in an ordinary military company. Of course, if we land our men from the battleships the noncommissioned officers go with them, and, of course, we train our pointers and turret men with great care, and when they become efficient they are most valuable men, and it would be pessihie, by landing a company of blueinckets in this way, to lose the very nen in a turret that would be absoutely necessary for its proper fighting capacity."

To-day we have 72 submarines-not counting the three fleet submarines built or in more or less advanced

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SUB . CALIBER GUN POINTERS FOR THE BIG TURRET RIFLES.



MAKES A BULLY SOLDIER . HIS SHAM BATTLES ARE THE BLUE JACKE