There are six of the E class along

How the Men Are Trained

Day after day the test is repeated,

Down Below.

sink the boat entirely out of sight h

must run by judgment, take observa-

tions and then quickly sinking again

This operation is called "porpoise

The Air Lock

Disasters to submarines have, un

fortunately, been frequent, with at

times severe loss of life, and the re-

cent case of a submarine failing to

come to the surface off the south-

west coast, with its heavy death-roll,

will doubtless be remembered. In

order to try and minimize the risks.

a device known as the "air-lock" has

been provided. Experience in our own and other navies has shown that

when one of these vessels cannot rise

to the surface it is impossible to bring

salvage plant to the spot and raise

the vessel in time to save life. In all

British submarines, therefore, each

member of the crew is trained as diver. A diving dress is stowed away

these brave men have to encounter

diving."

The F Class

D BAR CORRESPONENTS.

NDON, Aug. 18.—The Brussels pondent of the Reuter Tele-Company reports that the Briforeign office has made official sentations to Belgium, urging iew that as the entire country be regarded as covered by the Belgium should summon the spondents of the British newss and news agencies to leave Bel Further that only Belgium alists should be permitted to or remain in Belgium. avelling facilities will be provided nable foreign correspondents to

the country. HOW'S THIS e offer One Hundred Dollars re-

for any case of Catarrh that ot be cured by Hall's Catarrh CHENEY & CO., Toledo, O.,

, the undersigned have known Cheney for the past 15 years, believe him perfectly honorable business transactions and finanable to carry out any obligamade by his firm ... TONAL BANK of COMMERCE

Toledo, O. il's Catarrh Cure is taken interacting directly upon the blood ucous surfaces of the system. monials sent free. Price 75 cents ottle. Sold by all druggists. ke Hall's Family Pills for con-

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West of Hall

TUESDAY, AUGUST 18, 1914

THE BRITISH SUBMARINE SERVICE Twice as Strong as That of the Next Strongest Naval Power-Are

cers and Men Are Trained. The destruction of the German ments, which, however, very few na-

submarine U-15 by H.M.S. Birming-val officers regarded as being at all ham during an attack on the British likely to develop into a serious arm fleet by a German submarine flotilla of naval warfare. brings once again into prominence A few years prior to that date the this hidden arm of the service, and throws a little more light on the much discussed question of the use of these

vessels against the mastodoms of an extent, that in conjunction with rival fleets. That it is a horrible the seaplane, they are held, not only rival fleets. That it is a normble the scapiane, they are field, not only meadly form of warfare is without by Admiral Sir Percy Scott, but by place on Wednesday, the inventor of large as one of the biggest destroyers only by the most rigid precaution and to threaten the very existence of the submarines for our pays were of this the finest skill at gunnery is apparent mighty Dreadnoughts, yet to possess the finest skill at gunnery is apparent mighty Dreadnoughts, yet to possess by the result of the German attack, such a power as to render it possible tober, 1901, and the others during the by the result of the German attack. Such a power as to render it possible that the whole system of naval consists to be revolutionised.

But as to whether the continuous use of the but as to whether the continuous use of these vessels, and the use of the hydroplane in naval action means great changes in the future art of naval warfare, remain to be decided only after the result of the naval actions now pending in the North sea are evealed.

It may surely be taken as a sign of the surface by a gasoline engine of 160 horse-power. The surface speed is 10 knots. Oil engines are used for the surface and electric motors for the propulsion when submerged. A special feature of this class is that each one carries of the surface by a gasoline engine of 12 pounder guns, quick firers, which of the Admiralty (the Right Hon. Winston Churchill, M.P.,) expressing the opinion (in the House of Company to the surface speed was seven knots. When submerged speed is 10 knots. Oil engines are used for the surface and electric motors for the propulsion when submerged. A special feature of this class is that each one carries to the surface by a gasoline engine of 120 tons and were propelled on the surface by a gasoline engine of 120 tons and were propelled on the surface by a gasoline engine of 120 tons and were propelled on the surface by a gasoline engine of 120 tons and were propelled on the surface by a gasoline engine of 120 tons and were propelled on the surface by a gasoline engine of 120 tons and were propelled on the surface by a gasoline engine of 120 tons and under the first six months of the following year.

These vessels were 63ft. long and 11ft of this vent when submerged. A special feature of the surface of the surface and on the propulsion when submerged. The submerged of the surface and the class is that each one carries to the surface of the surface and on the surface of the surface and the s

It will be remembered that in the opinion of a very distinguished naval officer. Rear Admiral Sir Percy Scott, the introduction of these vessel means the elimination of the larger ships that ride upon the safe and accuracy of its fatal tor-

The following article is taken from pedoes."

navy, with the exception of a few reloaded in readiness for return to the special issue of the Hampshire Na
The submarine is indeed a horrible constructed at Chatham dockyard. surface. The "E's" are provided with a special issue of the strictest se- four tubes for discharging torpedoes oldest naval paper in the United King- with so many advantages in its favor, crecy: It creeps along below the surface of the water and delivers an attack Drives Battleships Off The introduction of the vessels that which destroys a fine battleship and swim under the water has, in my op-inion, entirely done away with utility while the battleship has but little

driven the battleship from the sea,"

Now-

ders filled, with English,

French and German china,

but no guarantee for the

future while the war lasts.

Order at once.

chance of defence.

of the ships that swim on the top of France Was First. the water." "In my opinion, as the motor-vehicle has driven the horse from the road, so has the submarine the first to take up this insidious method of naval warfare. France had These are the words of Admiral Sir submarines attached to her navy Percy Scott in the letter to the many years before we had. The Ad-"Times," which caused such a sensa- miralty, however, were really not so tion in naval circles a few weeks ago. indifferent to the matter as they ap-If Sir Percy scott's opinion is correct peared to be. They were merely this means the triumph of the sub- watching what other nations were do marine. The under-water craft have ing, and obtaining all the information certainly made wonderful progress, procurable as the construction In 1904, when the first of the "A" and navigation of submarine craft class were built, they were regarded The result has been that the British as little more than interesting experi- Submarine Service is now the best in

the world, and that is no mere vain "Our Submarine Service," said the First Lord of the Admiralty at the Lord Mayor's banquet last year," is more than twice as strong as that of the next strongest naval

that the submarines are grouped in oil fuel.

naval ports and at ports along the east coast. The entire service is under the command of a commodore whose headquarters are at Ports-Built and Manned Under the Strictest Secrecy—How the Offigant, she is moored just inside of the speed surface radius of 4,000 miles. harbor off Fort Blockhouse, which by mounts a gun on disappearing is the submarine shore depot. is the submarine shore depot.

Our Earliest Submarines. And now for a few particulars as to the strange, mysterious craft. Not submarines that have been added to many are procurable, for the Ad- the British navy. There are to be 10 miralty are now and always have of them altogether, but as already

ernment made their arrangement with

range and accuracy of its fatal tor- all the submarines for the British the surface. There the guns could be

with flotillas at Spithead. The A Class

The A class followed the Hollands At being launched at Bartow in July 1902. Altogether there were 13 of them, but only nine are now left in ordered, but they have not yet been held at the residence of Dr. Chamber-the service. There length is 100 ft. added to the navy. They mark a very lain on Thursday evening was a Great Britain was far from being placement ranged from 180 tons to 105 and will not only have a much greater attended tos in the later boats. The surfa e radius of action but will also be able engines were from 400 to 450 horse- to make quite long voyages. pawer and there are 116 horse-power Their displacement is to be from her daughter, Mrs. A. Wright. electric motors for propelling the

when submerged The speed is twelve knots on the lete, but it is contended by the admir-pounder guns on disappearing mount-alty that they have been satisfactory ings. These vessels will really be boats, as the sad accidents that have submerged destroyers, and they will Mount Albert where she has a situhappened to two or three of them have six proedo tubes. They will be ation in a millinery shop. have one propeller, one torpedo tube, with the additional advantage of beand an ordinary crew of nine men;

The B Class. There are now ten of the B Class, There are now ten of the B Class, and they were all built between 19'4 and took officers and men who for a few words about the brave officers and men who work of harvesting the Western crop, form their crews. Submarine depots about the brave officers and men who form their crews. Submarine depots about the brave officers and men who form their crews. Submarine depots about the brave officers and men who work of harvesting the Western crop, and practically the entire task of trans to the headquarters but at Portsmouth is the headquarters, but at Portsmouth is the cannel of the West and proving them that they may be a little dockyard to themselves, where, a little dockyard to themselves, where, a little dockyard to themselves, where of the C, 8 of the D, 16 of the E, and 6 of the F. None of the F class in fact have yet been completed, and there are still several of the E's due from the builders.

In the idea was harbor on the Gospost side, is the thirty-six hours and avoiding any change of cars or transfers. This will be a day shorter than any other route. "Going Trip West," \$12.00 to Winding the complete of the E's due from the builders.

It may be as well to here explain. are enabled to carry fifteen tons of thorough. There is, however, no lack Winnipeg

The C Class. The "C" Class are numbered in is made of each candidate, and, that two groups CI to Cio and CII to being satisfactory, he is sent to the C38 there are only 37, however, CII depot at Haslar for training. having been lost. They were all To be a good submarine "hand" relaunched between 1906 and 1909 quires a strong nerve, and this is They are about the same size as the what the "nerve test" is like both for "B's" and are similarly armed, hav-officers and men: All hands are on ing two screws and two torpedo board. The conning tower hatchway tubes. The surface speed is fourteen is closed. Ballast tanks are filled, and, knots. The second group C11 to with all lights out and the interior in ius of action that the improvement darkness, the vessel sinks under the consists The horsepower has been water. ncreased to 320 and the speed to ten How far down she goes the novices knots. hTe second group Cri to have not the least idea. Only the man have a full speed radius of 2,000 miles control. It is the only means of prov- Toronto. and a submerged radius of 150 miles. ing the men and discovering the weak

The D Class In the "D" Class of which there are only eight, there was a very introduced improvement introduced. Bay after day the test is repeated, and the men who evince the slightest nervousness are rejected and never set foot on a submarine again. This They were built between 1908-1911.
The displacement is 580 tons and the horse-power of the machinery 1,200 on the surface and 550 when sub-merged which gives a content of the merged which gives a content of the surface and 550 when sub-merged which gives a content of the merged which gives a content of the surface and 550 when sub-merged which gives a content of the surface and 550 when sub-merged which gives a content of the surface and 550 when sub-merged which gives a content of the surface and the sur merged, which gives a surface speed to all the crew. of 16 knots and 10 when submerged. The armament consists of three tor- In cruising the under-water vessel pedo tubes — two forward and one are usually submerged to a depth of aft, and the "D's" have two propellers about fifteen feet, or just far enough Various improvements were introduc- under water to be concealed and yet ed in the design. For instance instead use their periscope-that pole-like of carrying the "trimming tanks" (the appliance near the conning tower. By tanks into which the sea water is al- the aid of a mirror in this periscope lowed to enter when the vessel has to the commanding officer can see above dive) inside the main structure, the the surface, and can steer the boat actanks have been placed in cigar shaped cordingly. But if it is necessary to

structures outside the vessel, one or half its length. Thus more room is provided in the interior for the crew the engines and the oil storage The compliment is twenty officers and men, and these vessels have a full Suffered For Forty Years Until He Used "Fruil-a-tives"

BRONTE, ONT., OCT. 31st. 1913. BRONTE, ONT., OCT. 31st. 1913.

"For about forty years, I was troubled with Lame Back brought on by Kidney and Bladder Trouble. I was never confined to my bed with the trouble, but it affected my spine and I had to rest for a time. I took advertised remedies which never did me any good. Then I saw "Fruit a-tives" advertised and decided to try them. They did me more good than any other remedy.

My son suffered from the same trouble and frequently had to leave off working, but "Fruit-a-tives" remedied it for him. I would strongly advise anyone suffering from Kidney and Bladder Trouble to use "Fruit-a-tives", The E. Class The E's comprise the latest type of could suggest. Their displacement has been increased to 800 tons, or as. while the horse power is ,1750, which H. DORLAND . gives a surface speed of 16 knots. 50c. a box, 6 for \$2.50, trial size, 25c. The submerged speed is 10 knots. Oil

The weather is most beautiful The farmers are getting pretty well along with their oat harvest in this

The recent rain will be a great benefit to all the late crops in this cic-

Under the estimates for 1913-14 six submarines of a still larger type were and beam 12 1-2 ft., while the dis distinct advance even on the "E's" grand success, and was quite largely

> Mrs. P. Bowman has returned home after spending a few days with Mr. Theodore Colwell, is very 940 to 1,200 tons,, and they will have

poorly at the time of writing. engines of 6000 horse power for surhope for his speedy recovery. face work, while the speed will be 20 surface and seven submerged. The knots on the surface and 12 when subwhole class are, of course, now obsomerged. They will also carry two 12
Falls is the guest of her aunt, Mrs.

Furgue Messecar of this place. Miss Bella Almas has returned to

were stated to be not due to struc-tural defects or faults in design. They that a destroyer is called upon to do. ed the old boys and old girls' reunion in Brantford last week and reing able to disappear below at will. port having a very enjoyable time.

HARVESTERS WANTED

These are the chief features of the Many thousand men will be required

Consult C.P.R. Agents regarding of volunteers for such dangerous

particulars in connection with transwork. A strict medical examination portation west of Winnipeg.
GOING DATES August 18-From Kingston, Sharbot Lake, Renfrew and West to Azilda

and Sault Ste. Marie, Ont., to all points in Manitoba and certain points in Saskatchewan and Alberta August 21-From East of Kingston, Sharbot Lake and Renfrew in Provinces of Ontario and Quebec, to all points in Manitoba and certain points in Saskatchewan and Alberta.

For full particulars regarding trans-C38, are slightly larger, but otherwise at the dial recording the depth knows portation west of Winnipeg, etc., see the same. Complement, fifteen offi-that. It is this test which brings out nearest C. P. R. Agent, or write M. G. cers and men The B and C classes a man's strength of nerve and self- Murphy, District Passenger Agent,

Sugar prices were advanced fifty cents per hundred at 9 o'clock yesterday, one refinery excepted, and hog prices have increased \$1.15 in the past two days. Wheat prices declined but flour was unchanged with less

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THE STORY OF AFFECTED HIS SPINE Waitstill Baxter

By KATE DOUGLAS WIGGIN.

Copyright, 1913 by Kate Douglas Wiggin. CHAPTER III.

mething of a Hero. VORY went into the little shed room off the kitchen, changed his muddy boots for slippers and made himself generally tidy, then he came back to the living room bringing a pine knot which he flung on the fire, waking it to a brilliant flame.

We can be as lavish as we like with the stumps now, mother, for spring is coming," he said, as he sat down to his

"I've been looking out more than usual this afternoon," she replied. "There's hardly any snow left, and though the walking is so bad I've been rather expecting your father before went away in January that he should be back before the mayflowers bloom-

It did not do any good to say: "Yes, mother, but the mayflowers have ned ten times since father went



away." He had tried that, gently and persistently when first her mind began to be confused, from long grief and hurt love, stricken pride and sick sus-

Instead of that Ivory turned the subject cheerily, saying, "Well, we're sure of a good season, I think. There's been a grand snowfall and that, they say, is the poor man's manure. Rod and I will put in more corn and potatoes this year. I shan't have to work ingle handed very long, for he is grow-

ing to be quite a farmer." "Your father was very fond of green corn, but he never cared for potatoes," Mrs. Boynton said, vaguely, taking up her knitting. "I always had great pride in my cooking, but I could fiever

get your father to relish my potatoes. "Well, his son does, anyway," Ivory replied, helping himself plentifully from a dish that held one of his mother's best concoctions, potatoes minced fine and put together into the spider with thin bits of pork and all browned together.

"I saw the Baxter girls today, mother," he continued not because he hoped she would give any heed to what he said, but from the sheer longing for companionship. "The deacon drove off with Lawyer Wilson, who wanted him to give testimony in some case or other down in Milltown. The minute Patty saw him going up Saco hill she harnessed the old starved Baxter mare, and the girls started over to the Lower Corner to see some friends. It seems it's Patty's birthday, and they were celebrating. I met them just as they were coming back and helped them lift the rickety wagon out of the mud. They were stuck in it up to the hubs

of the wheels. I advised them to walk up the Town House hill if they ever expected to get the horse home." "Town House hill!" said Ivory's mother, dropping her knitting. "That was where we had such wonderful meetings. Truly the Lord was present in our midst. And oh, Ivory, the visions we saw in that place when Jacob Cochrane first unfolded his gospel to

us! Was ever such a man!"

"Probably not, mother," remarked Ivory dryly. "You were speaking of the Baxters I remember their home and the little girl who used to stand in the gateway and watch when we came out of meeting. There was a baby too. Isn't there

a Baxter baby, Ivory?" "She didn't stay a baby. She is sev enteen years old today, mother." "You surprise me, but chlidren do grow very fast. She had a strange name, but I cannot recall it."

"Her name is Patience, but nobody but her father calls her anything but Patty, which suits her much better." "No; the name wasn't Patience, not

the one I mean." "The older sister is Waitstill. Perhaps you mean her." And Ivory sat down by the fire, with his book and his

"Waitstill! Waitstill! That is Such a beautiful name!" "She's a beautiful girl,"

"Waltstill! They also serve who only stand and wait." 'Wait, I say, on the Lord and he will give thee the desires of thy heart.' Those were wonderful days, when we were caught up out of the body and mingled freely in the spirit world." Mrs. Boynton was now fully started on the topic that absorbed her mind, and Ivory could no nothing but let her tell the story that she had told him a hundred times.

"I remember when first we heard

told him a hundred times.

"I remember when first we heard Jacob Cochrane speak." (This was her usual way of beginning.) "Your father was a preacher, as you know, Ivory, but you will never know what a wonderful preacher he was. My grandfather, being a fine gentleman and a governor, would not give his consent to my marriage, but I never regretted it, never! Your father saw Elder Cochrane at a revival meeting of the Free rane at a revival meeting of the Free Will Baptists in Scarboro and was much impressed with him. A few days later he went to the funeral of a child later he went to the funeral of a child in the same neighborhood. No one who was there could ever forget it. The minister had made his long prayer when a man suddenly entered the room, came toward the coffin and placed his hand on the child's forehead. The room in an instant was as still as the death that had called us together. The stranger was tall and of commanding presence; his eyes pierced our very hearts, and his marvelous voice penetrated to depths in our souls that had never been reached before." that had never been reached before."

father?" asked Ivory, who dreaded his mother's hours of complete silence even more than her periods of reminis-

"He spoke as if the Lord of Hosts had given him inspiration; as if the angels were pouring words into his mouth just for him to utter," repl Mrs. Boynton. "Your father was spellbound, and I only less so. When he ceased speaking the child's mother crossed the room and, swaying to and fro, fell at his feet sobbing and wailing and imploring God to forgive her sins. They carried her upstairs, and when we looked about after the confusion and excitement the stranger had vanished. But we found him again! As Elder Cochran said: 'The prop of the Lord can never be hid; no darkness is thick enough to cover him! There was a six weeks' revival meeting in North Saco, where 300 souls were converted, and your father and I were among them. We had fancied ourselves true believers for years, but Jacob Cochrane unstopped our ears so that we could hear the truths revealed to him by the Almighty! It was all so simple and easy at the beginning, but it grew hard and grievous afterward; hard to keep the path, I nean. I never quite knew whether God was angry with me for backsliding at the end, but I could not always accept the revelations that Elder Cochrane and your father had?"

Lois Boynton's hands were now quietly folded over the knitting that lay forgotten in her lap, but her low, thrilling voice had a note in it that did not belong wholly to earth.

There was a long silence; one of many long silences at the Boynton fireside, broken only by the ticking of the clock, the purring of the cat and the clicking of Mrs. Boynton's needles, as, her paroxysm of reminiscence over, she knitted ceaselessly, with her eyes on the window or the door. "It's about time for Rod to be com-

"He ought to be here soon, but per haps he is gone for good. It may be

that he thinks he has made us a long enough visit. I don't know whether your father will like the boy when he comes home. He never did fancy company in the house." Ivory looked up in astonishment from his Greek grammar. This was

an entirely new turn of his mother's mind. Often when she was more than usually confused he would try to clear the cobwebs from her brain by gently questioning her until she brought herself back to a clearer understanding of her own thought. Thus far her vagaries had never made her unjust to any human creature. She was uniformly sweet and gentle in speech and de-

"Why do you talk of Rod's visiting us when he is one of the family?" Ivory asked quietly.

"Is he one of the family? I didn't know it," replied his mother absently. "Look at me, mother, straight in the eye. That's right. Now listen, dear, to what I say."

Mrs. Boynton's hair, that had been in her youth like an aureole of corn silk, was now a strange yellow white, and her blue eyes looked out from her

pale face with a helpless appeal. "You and I were living alone here after father went away," Ivory began. "I was a little boy, you know. You and father had saved something, there was the farm, you worked like a slave, I helped, and we lived somehow, do

you remember?" "I do indeed. It was cold, and the neighbors were cruel. Jacob Cochrane had gone away, and his disciples were not always true to him. When the magnetism of his presence was withdrawn they could not follow all his

revelations, and they forgot how he had awakened their spiritual life at the first of his preaching. Your father was always a stanch believer, but when he started on his mission and went to Parsonsfield to help Elder Cochrane in his meetings the neighbors began to criticise him. They doubted him. You were too young to realize it, but I did, and it almost broke my heart."

"I was nearly twelve years old. Do you think I escaped all the gossip,

(To be Continued.)

A Montreal landlord has notified his enants in Point St. Charles that families of voluteers may remain in their homes rent free for one year,



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