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Seaplane Radios Trawlers and Destroys U-Boat

ONE of the latest official stories from London describes the wonderful, almost uncanny, hawk-like qualities of the modern radio-equipped seaplane. In this instance the seaplane was flying along on patrol duty when suddenly it spotted a Teuton "unterseaboat" resting peacefully on the sea bed.

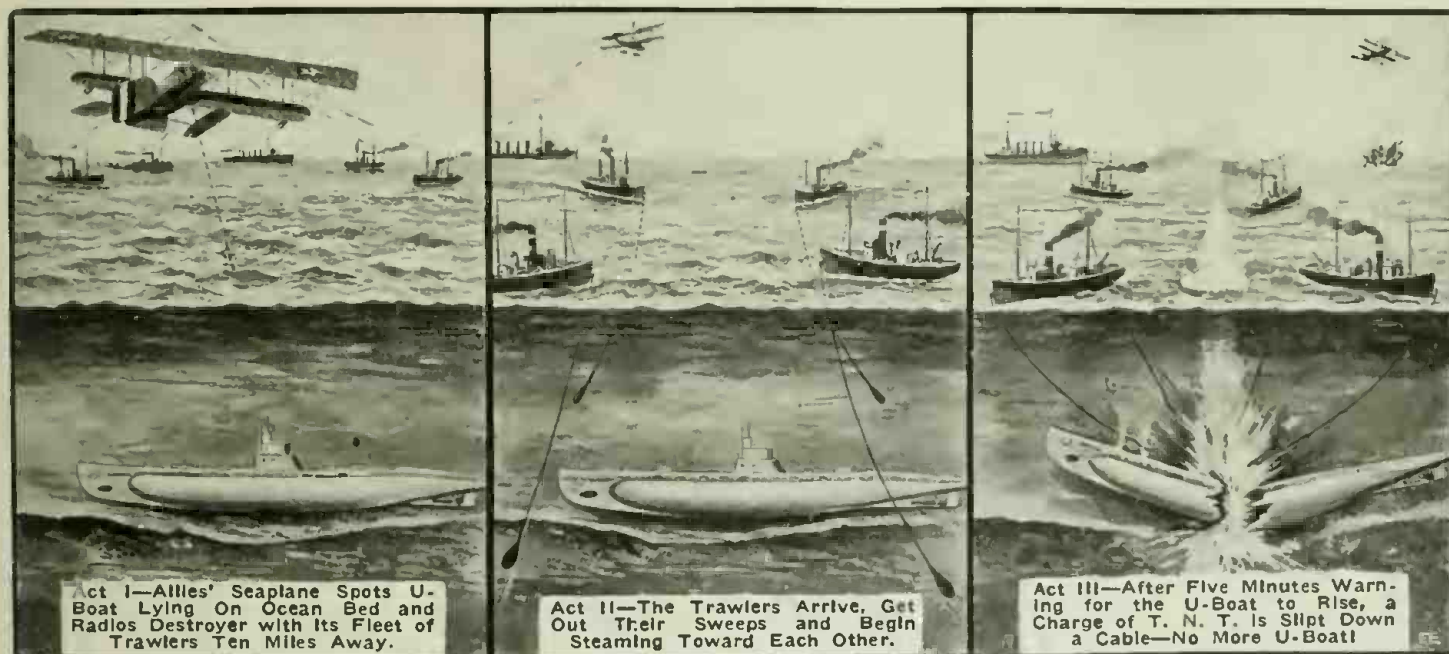
At once the seaplane officer sent out a

submarine by cables. The submarine attempted to free herself, but without success. The seaplane signaled "You've got him!" and the destroyer answered, "Thanks! We'll give him five minutes to come up to breathe, but no longer!"

When the time had past "Fritz" had not moved a foot—upward at least. The destroyer flagged a signal and the trawlers slipped a small tin of T. N. T. to the taut

The Germans are loath to divulge U-boat casualties to anyone, even their own people, and especially among their naval crews. The Allies are slowly but surely curtailing the activities of enemy submarines. This is so for several reasons, chief among which is the fact that the leading scientific minds among the Allied councils are at work on anti-submarine devices and schemes.

The Americans have brought to bear on



Act I—Allies' Seaplane Spots U-Boat Lying On Ocean Bed and Radios Destroyer with Its Fleet of Trawlers Ten Miles Away.

Act II—The Trawlers Arrive, Get Out Their Sweeps and Begin Steaming Toward Each Other.

Act III—After Five Minutes Warning for the U-Boat to Rise, a Charge of T. N. T. Is Slipped Down a Cable—No More U-Boat!

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radio call to a destroyer and her fleet of trawlers ten miles away. The aerial fighting craft never took its eagle eyes off the enemy submarine, but continued to circle around and around, making sure that it did not sneak away, as these sly craft are often wont to do. Shortly the destroyer and trawlers arrived on the scene ready for action under the direction of the seaplane. The trawlers got out their sweeps and began steaming toward each other. As they met their wires engaged the bow and stern of the submarine and began to pass under the submarine. Then the submarine released two mines which the crews of the trawlers ignored with the reflection: "Her eggs can wait a minute."

Then the trawlers crossed and held the

wire and let it slide down to the submarine's hull. An ominous silence rested on the strange stage setting for a few moments—moments that seemed like hours. Then the distant-like deep boom and two gigantic, foaming gray mounds of water presently muffled the explosion. The wires about the submarine snapped in the middle and the crews coiled them up. Meanwhile the seaplane circled around a patch of oil that came to the surface and then notified the trawlers that the submarine was destroyed.

The aerial observer then slipped a band of cartridges into his gun and sped off after the mines floating in the tide to burst them with rapid firing. The first mine sank punctured and the second exploded as the bullets reached it.

this problem a vast array of scientific talent—more than the average man would possibly ever suspect. Secretary Daniels of the U. S. Navy Department has recently stated that a new anti-submarine device in the form of a "locator" is being tested out in practise and giving very favorable results.

One Yankee inventor has perfected a sound-wave "sub." locating scheme, which has proved of such a meritorious nature that the *Naval Consulting Board* has taken it up in earnest. Publicity cannot be given to this invention now, of course, but without mentioning harmful details it may be said that the idea is to send thru the water a powerful sound wave, as by means of a Fessenden sub-sea oscillator and then to intercept the reflected wave or echo. By