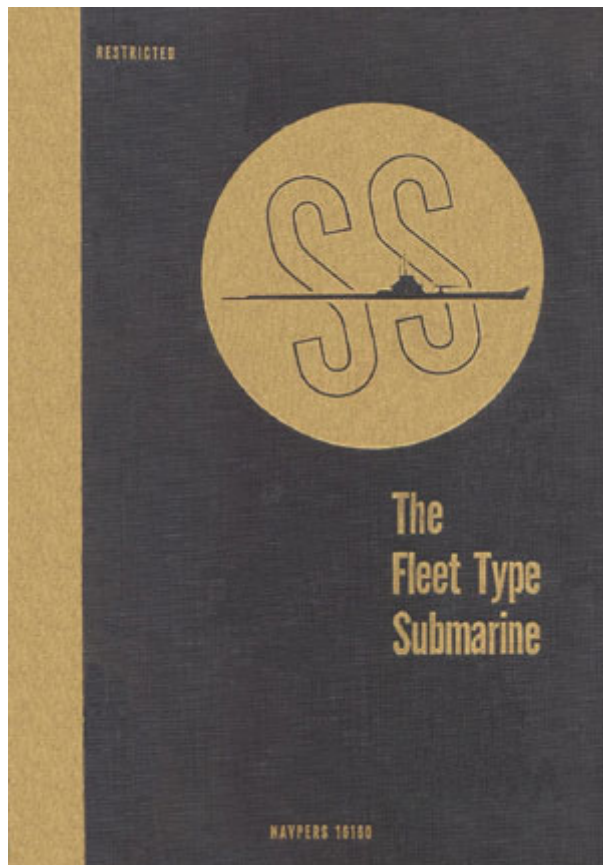




## The Fleet Type Submarine Online

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Folks,

The Fleet Type Submarine, Navpers 16160, is the first in a series of submarine training manuals that was completed just after WW II. The series describes the peak of WW II US submarine technology.

In this online version of the manual we have attempted to keep the flavor of the original layout while taking advantage of the Web's universal accessibility. Different browsers and fonts will cause the text to move, but the text will remain roughly where it is in the original manual. In addition to errors we have attempted to preserve from the original (for example, it was H.L. Hunley, not CS Huntley), this text was captured by a combination of optical character recognition and human typist. Each method creates errors that are compounded while encoding for the Web. Please report any typos, or particularly annoying layout issues with the [Mail Feedback Form](#) for correction.

Our thanks to Shelly Shelstad, creator of History on CD ROM for permitting us to use images he has scanned, particularly the

oversized images that were meticulously pieced together. History on CD ROM sells a very nice CD or thumb drive version of this manual in PDF format for easy access off the web and for a printing. Thanks also to Bonnie Steigler for her typing services, and IKON Office Solutions (now Ricoh USA <http://www.ricoh-usa.com>) for scanning services.

Richard Pekelney  
Editor



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NavPers 16160

Produced for ComSubLant by  
Standards and Curriculum Division  
Training, Bureau of Naval Personnel



June 1946

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This is one of a series of Submarine  
Training Manuals. The series includes:

- |   |                |
|---|----------------|
| 1. The Fleet Type Submarine   | NavPers 16160  |
| 2. <a href="#">Submarine Main Propulsion Diesels</a>                    | NavPers 16161  |
| 3. <a href="#">Submarine Electrical Installations</a>                   | NavPers 16162  |
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11. <a href="#">Submarine Hydraulic Systems</a>	NavPers 16169
12. <a href="#">Torpedo Tubes, 21-Inch submerged, Mks 32 to 39</a>	O.P. 1085

## ii

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### PREFACE

The Submarine School, Submarine Base, New London, Connecticut, and other activities of Submarines Atlantic Fleet, have collaborated in the preparation of this manual. It is designed to serve as both an instruction and an operation manual.

Since, in wartime, changes in design and construction developed rapidly as a result of battle experience, it became increasingly difficult to incorporate into this text all classes of submarines. Therefore, the USS Perch, or SS313, was selected as representative of the class discussed and described in the text. In some instances, however, it was found desirable to make reference to later units and to describe and illustrate these newer installations so that a more complete text would result.

The manual on the fleet type submarine includes descriptive information covering:

- a. Submarine history and development
- b. Submarine construction
- c. Submarine systems
- d. Submarine operations
- e. Submarine training

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