





**GENERAL REMARKS**—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

The vessel is the 17th of thirty sister ships Nos. 1 to 30, to be built by the Todd-California Shipbuilding Division of The Permanente Metals Corporation, to the order of H. M. Government in the United Kingdom. The approved plans have been retained for dealing with the sister vessels.

Forwarded herewith:

MIDSHIP SECTION AS BUILT  
COPY OF INTERIM CERTIFICATE B  
THREE CASTINGS AND FORGING REPORTS

**SISTER SHIPS:**

| Yard No. | Ship Name        | Location         | Report No. |
|----------|------------------|------------------|------------|
| 1        | "OCEAN VANGUARD" | Richmond, Calif. | 1          |
| 2        | "VIGIL"          | "                | 2          |
| 3        | "VOICE"          | "                | 3          |
| 4        | "VENTURE"        | "                | 4          |
| 5        | "VIKING"         | "                | 5          |
| 8        | "VESTAL"         | "                | 6          |
| 6        | "VESPER"         | "                | 7          |
| 7        | "VALLEY"         | "                | 8          |
| 9        | "VISION"         | "                | 9          |
| 10       | "VULCAN"         | "                | 10         |
| 11       | "VALOUR"         | "                | 11         |
| 12       | "VENUS"          | "                | 12         |
| 13       | "VIGOUR"         | "                | 13         |
| 14       | "VANITY"         | "                | 14         |
| 15       | "VINTAGE"        | "                | 15         |
| 16       | "VOLUNTEER"      | "                | 16         |

**PARTICULARS OF ELECTRIC WELDING** (if employed) The vessel is of entirely welded construction, with the exception of the connections of side framing to shell, and rider plates to hatch side girders, and end beams which are riveted. Electrodes, complying with Section 4, paras. 1-9, of the Rules, have been employed for manual welding. Machine welding by the approved "Unionmelt" process has also been used. The form and location of the various welded joints employed are in accordance with welding details approved by the Committee. The Rules for the application of Electric Arc Welding to Ship Construction have been complied with where applicable.

**SPECIAL NOTATIONS:**—Either as part of the vessel's class or for record in the Register Book

Cruiser Stern; Lloyds A & CP:; D.F., E.S.D.  
Electric Welding Notation to be decided by the Committee.

| Particulars of Drop Test of Cast Steel Anchors, viz. :—<br>Weight, Surveyor's Initials, Number of Certificate, Date of Test. | 1st Bower | Weight of head | 5880 lbs., | H. C. 781 | January 3rd, 1942 |
|--|-----------|----------------|------------|-----------|-------------------|
|  | 2nd "     | " " "          | 5810 "     | " 779     | " " "             |
|  | Stream    | " " "          | 2010 "     | " 792     | December 23, 1941 |

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop -- ft., R.Q.D. -- ft., Bridge -- ft., Forecastle -- ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated --

Official No. Not yet issued Signal Letters Not yet issued Extreme Breadth over Belting No belting Over-all Length (Circ. 1703) 441.5  
No. and Material of Decks Two--Steel  
Parts of Bottom of Vessel coated with cement or approved composition D. B. tanks under machinery spaces coated with 1 1/2" solid cement on bottom, with bitumastic on other surfaces. Remainder of D. B. tanks cement washed only; peaks cemented.  
Particulars of composition (if fitted) and of approval Bitumastic enamel and solution

**PARTICULARS OF WATER BALLAST:**—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284) Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

| Where Fitted.                             | Length. Feet. | Water Capacity. Tons. | Where Fitted.  | Length. Feet. | Water Capacity. Tons. |
|---|---------------|-----------------------|--|---------------|-----------------------|
| Double bottom, aft,                       | 135           | 361                   | Fore peak tank,  | 22.8          | 124                   |
| Double bottom, under Engines and Boilers, | 45            | 212                   | After peak tank,                                       | 24.9          | 166                   |
| Double bottom, if under Engines only,     | --            | --                    | Deep tank, aft,  | 20.0          | 734                   |
| Double bottom, if under Boilers only,     | --            | --                    | Deep tank, forward,                                    | --            | --                    |
| Double bottom, forward,                   | 188.2         | 735                   | Other tanks, if fitted,                                | --            | --                    |
| Total length (if continuous) and Capacity | 368.2         | 1308                  | (If necessary, furnish further information by sketch.) |               |                       |

Order for Special Survey No.  Continuous attendance between January 19th, 1942 and April 23rd, 1942

Date

Dates of Surveys held while building

