Price Six Shillings PLUS 33⅓%

WEST COASTS OF SPAIN AND PORTUGAL

# CAPE VILLANO TO OPORTO

FROM THE SPANISH AND PORTUGUESE GOVERNMENT CHARTS TO 1916.
WITH CORRECTIONS AND ADDITIONS TO 1921.

*Soundings in hairline are from old surveys and small scale charts.*

*All Bearings are True (thus:-126° etc) and are given from Seaward.*

*Underlined figures on drying banks and rocks express the heights in feet above the datum to which the soundings are reduced.*

*All other heights are expressed in feet above Mean High Water Springs.*

*For abbreviations see Admiralty Chart 5011.*

*Natural Scale* $\frac{1}{50000}$ *(at Lat. 42°00′N)*

SOUNDINGS IN FATHOMS
reduced approximately to the level of the lowest possible Low Water.

**CAUTION!**
*Many of the lights on this coast are placed so high, as to be frequently obscured by mist, and so give the mariner little warning.*

*Firing practice takes place periodically in the approaches to Pontevedra, eastward of the meridian of Ons I. light. A red flag, a cone, or a red flag and cone hoisted near Ons I. Light, on Mt. Laro, and on the summit of Pte. Festiñanco denotes that practice is being carried out. Mariners are warned accordingly.*

BRITISH UNITS – METRES

| FATHOMS | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| FEET | 0 | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 |
| | | 0.2 | 1.8 | 3.6 | 5.5 | 7.3 | 9.1 | 10.9 | 12.8 | 14.6 | 16.4 |
| | 60 | 18.3 | 20.1 | 21.9 | 23.8 | 25.6 | 27.4 | 29.2 | 31.1 | 32.9 | 34.7 |
| | 120 | 36.6 | 38.4 | 40.2 | 42.1 | 43.9 | 45.7 | 47.5 | 49.4 | 51.2 | 53.0 |
| | 180 | 54.9 | 56.7 | 58.5 | 60.4 | 62.2 | 64.0 | 65.8 | 67.7 | 69.5 | 71.3 |
| | 240 | 73.2 | 75.0 | 76.8 | 78.7 | 80.5 | 82.3 | 84.1 | 86.0 | 87.8 | 89.6 |
| | 300 | 91.4 | 93.3 | 95.1 | 96.9 | 98.8 | 100.6 | 102.4 | 104.2 | 106.1 | 107.9 |

Tidal information

| Place | Height above datum of soundings: Mean H.W. Springs | Mean H.W. Neaps | Mean Level |
|---|---|---|---|
| | feet. | feet. | feet. |
| Camariñas | 12·1 | 9·4 | 6·5 |
| Corcubion | 11·1 | 8·7 | 6·3 |
| Villagarcia (Ria de Arosa) | 11·5 | 9·0 | 6·5 |
| Ria de Pontevedra | 11·1 | 8·7 | 6·3 |
| Bayona | 11·3 | 8·5 | 6·3 |
| La Guardia | 10·8 | 8·4 | 6·1 |
| Viana | 10·7 | 8·2 | 6·0 |
| Esposende | 10·6 | 8·2 | 6·0 |
| Conde | 10·6 | 8·3 | 6·0 |
| Porto de Leixoes | 11·1 | 8·7 | 6·3 |
| Rio Douro Bar | 11·1 | 8·7 | 6·3 |

Small corrections inclusive to 1937-334 1938-87-(3·1)-447-(V.T.2)-2753-(V.38) 1939-261-(T.3)-2427-2584 1940-43-149-484-1138 1941-(5.6) 2035 1942-2081 1943-(3.3)-2439 1944-2045 2475-(11.4) 1945-(3.1)-(5.27)-(9.3)-2681-(10.30)-(11.20)-(11.29)-3097-4432 1946-(4.2)-(8.1)-(8.26)-(9.5)-(12.2) 1947-(3.19) 1948-(6.28) 1949 556-900-(3.28)-2027 (5.24)-(6.22)-2427 1950 255 1951 432-498-562-2232-2272-1948-2427-2525-2591- 1956-685-825-1171-1560-2222-2422-2748 1957-392-614-682-969-(1330)-2399- 1958-304-300-2041-2214-2969-426-526-

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