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CLUES

ACROSS	DOWN
1. See 36A.	2. A stroke of an oar that misses the water or digs too deeply. (4)
4. Name of a spar rising aft from a mast to support the head of a quadrilateral fore-and-aft sail. (4)	3. See 46D.
6. Device enabling a submerged submarine to use its diesels (alternative German spelling) (9)	4. Fishing port on the Humber (7)
10. Name of a trawler hired by the Admiralty, lost 24/12/1916 on rocks near Plymouth breakwater. (7)	7. Scotland's online Heritage Catalogue (7)
12. A beau, fop; OR a small two-masted sailing vessel, often associated with France. (5)	8 & 65A. Name of a paddle steamer hulked on the river Dart. (9, 6)
13 & 95D. Space, usually on a ship, where food made from dough and baked is kept. (5,4)	9. Archipelago off Norway; OR name of a steamer torpedoed and sunk 3/02/1918 south of Lyme Bay. (7)
14. A vessel's steering mechanism (4)	10. Early form of sonar to detect submarines. (5)
16. A sticky mess (3)	11. Name of a ship which carried King V and Queen Mary to and from the 1911 Delhi Durbar. (6)
17. Rear part of a ship (5)	15. A constellation; OR an Ethiopian princess rescued by Perseus; OR name of a barque with a cargo of wheat from Tacoma driven ashore in a gale 13/02/1915 east of Porthbeor Beach. (9)
18. See 78A	19. Name of a German built, small steamer requisitioned from a Danish company, torpedoed and sunk off Start Point on 24/04/1918. (6)
19. A shelter or place of refuge, especially in wartime. (4)	21. Form in clay, wax etc (US spelling) (4)
20. Actors in a play (4)	25. Shades of colours (4)
22. Dainty (4)	26 & 97A. Name of the revetment on the west side the river Hayle, Cornwall constructed as a wharf using iron plates from the sides of HMS <i>Newcastle</i> which was broken up locally by Thomas Ward. (6,4)
23. The _____ of a storm. (3)	27. Name of a river, flowing through Bristol (4)
24. See 37D.	28. Scottish word for bleak, dreary weather. (6)
25. A rope to raise or lower a flag or sail. (7)	29. Location of an Henry VIII artillery fort and a lighthouse on Hampshire's coast. (5)
31. Name of a Royal Research Ship, designated thus in 1923, preserved alongside the Scottish Victoria & Albert Museum. (9)	30. Location and name of a WW1 RN command involved, inter alia, with U-Boat warfare in the Channel. (5)
33. Name of a RN cruiser outfitted as a seaplane carrier in 1913, lost in Dover Straits on 31/10/1914. (6)	36. An acidulous salt existing in grape juice, used to prepare cream of tartar (5)
34. A Greek letter; OR a Dutch steamer lost 31/01/1917 near St Anthony Head. (7)	37 & 24A. British colonial financier and statesmen in South Africa (died 1902); OR British barque which sank off Margate on 28/12/1914. (5, 6)
35. Persons who guide others (7)	38. Surname of the person who devised a ship measurement system enshrined in Britain's first British Shipping Act (1854). (7)
36 & 1A. Second largest body of water in the world. (8,5)	39. Name of a hat or a canal. (6)
38. Head of State; OR name of a cable laying ship lost 8/09/1915 off Folkestone. (7)	41. A governmental land-based service, now 200 years old, originally as coastal lookouts, now responsible for many facets of maritime life. (10)
39. Name of the exposed partial weather deck on the stern of a ship. (4)	42. Term given to a person who was forced to serve on RN ships, dating back to 1664, no longer the case since 1814. (7)
40. A weather state of reduced visibility, unwelcome to sailors. (3)	43. Name of a Lancashire town; OR of an Admiral (6)
45. Acceptance, satisfactory. (2)	44. Lowest female or highest male singing voice. (4)
47. Lady's name; OR name of a lighthouse tender mined and sunk on 9/11/1915 off Margate. (5)	46 & 3D. An 1876 Fowey built schooner lost on rocks 21.12.1917 east of Penare village. (5, 6)
48. A type of bearing; OR a curling tube; OR a long heavy sea wave towards the shore. (6)	51. Within. (2)
49. Name of a tunnel; OR where the lifeboat William and Emma was built. (9)	53. Notorious ledge of rocks for shipwrecks on SW coast of Isle of Wight. (10)
50. Measures of distance (5)	55. Spite, malevolence, nastiness. (6)
52. Name of port and administrative centre of the Outer Hebrides; OR where minesweeping Groups 47 and 48, and 18 th Motor Launch Flotilla were based in WW2. (9)	56. When in water, these are dangerous to ships, sometimes causing wrecks. (5)
54. A boat with two parallel hulls. (9)	58. A long noosed rope (5)
57. Name of a steamship which went aground at Menachurch Point on 20/11/1917. (5)	60. Name of a British cargo steamship, Dundee built, lost on 28/11/1916 south of Littlehampton. (5)
59. See 81D.	61. An odour (5)
62. A badge which shows official position, often worn on a Service uniform. (8)	63. Originally, a horizontal reinforcing band added at and above the level of a gun deck to offset the stresses created by firing artillery, now the top edge of a boat. (7)
64. Implement used by, say, a craftsman. (4)	
65. See 8D.	
67 & 90A. Colour of, and also, the small animal; OR name of a Brixham ketch rigged trawler built at Galmpton in 1908. Requisitioned in 1916 and lost in Lyme Bay to a fire with explosion in 1918 when being used as a Q-Ship guarding a fishing fleet. (5, 5)	
68. Name of a river flowing through Chester or Aberdeen (3)	
69. See 77D.	

ACROSS

71. A vessel for towing. (3)
72. Outermost of the ropes with which a square sail is rolled up to the yard. (8)
73. Plural of "I". (2)
75. Welsh port which once had 11km of quayage. (7)
78 & 18A. Name of the first US destroyer sunk by enemy action in WW2 SW of the Lizard (5,5)
80. The outward flow of the tide. (3)
82. Term given to a WW2 cargo ship built in America. (7)
87. Term describing a large passenger ship. (5)
88. Common name for several kinds of bivalve molluscs. (4)
89. Body of water connected to sea but mostly enclosed by land. (5)
90. See 67A.
91. A Middle East alcoholic liquor distilled from grapes, raisins or dates flavoured with anise. (4)
92. Petty officer on a merchant ship. (5)
93. One of two ships to strike the reef on which the Bell Rock lighthouse is built. (1,1,1, 6)
94. Relating to air or aircraft. (4)
97. See 26D.
99. Norwegian barque sunk SE of Portland by a German submarine on 28/02/1916. (5)
101. Same as 45A. (2)
103. Name of a drifter on Boom Defence duty sunk by collision on 22/04/1918 SE of Mousehole, Cornwall. (7)
104. The area in which something exists or lives. (11)
105. Introduces an alternative. (2)
106. Transliteration of the Aramaic word for rock; OR a Cutter which caught fire and foundered in Brixham harbour on 21/10/1916. (5)
107. Start suddenly, as from fright; OR making a quick throw. (6)
108. Type of mid-19th century merchant sailing vessel, often associated with tea. (7)

DOWN

64. Someone who maximises the forward producing force from the sails on a boat, notably in a regatta. (7)
66. A sea wave, often destructive, following an earthquake. (7)
70. A party, often outdoors; OR bestow honours or rewards upon. (4)
74. A snakelike marine or freshwater fish. (3)
76. Word meaning a point on which vertical terrestrial and maritime height measurements are based. (5)
77 & 69A & 94D. Name of a sailing vessel sunk by enemy action eight miles SW of Wolf Rock, on 20/02/1917. (4, 2,5)
79. First word of an area in the western Atlantic Ocean; OR a rig of triangular sails for a yacht. (7)
81 & 59A. An 18th century shipbuilding village with a Maritime Museum in the New Forest. (8,4)
83. One of the ropes attached to the foot of a square sail used to hoist the sail to the yard for furling. (8)
84. Location of the UK's Royal Navy training establishment academy. (9)
85. Understanding; OR measuring depth of water. (9)
86. Name of a cold sea fog, usually on the UK's east coast (4)
94. See 77D.
95. See 13A.
96. Name of a Dutch schooner with motor sunk SE of Start Point on 16/05/1917 by a German submarine. (5)
98. Meaning an agile, quick and easily manoeuvred sailboat. (3)
100. Back of the neck. (4)
102. Longitudinal spine of a ship. (4)
105. A mineral from which a metal can be, usually, extracted for profit. (3)