

RIVER WEAR COMMISSION, PUBLIC CHAIN AND ANCHOR TESTING ESTABLISHMENT.

LICENSED BY THE BOARD OF TRADE,
UNDER THE CHAIN CABLES AND ANCHORS ACTS, 1864 TO 1874.

(27 & 28 VIC., CAP. 27-34 & 35 VIC., CAP. 101, and 37 and 38 VIC., CAP. 51.)

And approved by the Committee of Lloyd's Register of British and Foreign Shipping.
R.W.C.P.T.S. B.T.



Machine No. 18, 1892.

No. of this Certificate 25157. South Dock, Sunderland, 25th July 1893.

This is to Certify that the Smith's Patent Anchor described herein has been proved to the strain appropriate for such an anchor, as directed by the above Acts of Parliament, at the above Establishment, by Apparatus and Machinery licensed subsequently to the 1st of January, 1873, by the Board of Trade, and is at present licensed by the Board of Trade, and has been examined, after having been tested, weighed, and marked as under; and that the following particulars are correct.

Weight of Anchor 2 - 0 - 9
(as stock.)

Weight of * ~~Stock~~ Stockless

* Here insert Iron or Wood, as the case may be.

Length of Shank

Length of Arm

ft. 3 - 4

1 - 4

Diameter of Trend 3⁵/₈ x 1³/₄

Description Patent Stockless

Deflection 1¹/₄ - 1¹/₈

Proof Strain (applied by Machine No. 18)

Tons 4 - 12 - 2 - 0

Mark 18 - 92

R.W.C.P.T.S.

25157

B.T.

Maker's Name John Spencer & Sons Ltd Intended for Ship

Per Wasteneys Smith

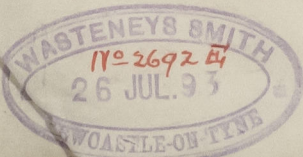
Witness my hand,

J. A. H. Smith

SUPERINTENDENT

This Certificate is only to be used when Anchors are tested in accordance with the Acts of Parliament.

Approved by the Committee of Lloyd's Register of British and Foreign Shipping.



Lloyd's Register
Foundation

PLV889-0018

CONDITIONS ON WHICH THIS CERTIFICATE IS ISSUED.

Should the Anchor be impaired, or otherwise altered, so as to destroy its identity with the Certificate, the facts are to be reported to the Superintendent in order that the Certificate may be corrected accordingly.

EXTRACT FROM THE RULES OF LLOYD'S REGISTER OF BRITISH & FOREIGN SHIPPING—TABLE No. 22. FOR STEAM VESSELS.

Numbers for Iron Vessels.	2750	3750	4630	5420	6150	6840	7490	8670	9770	10790	11740	12620	13450	15120	16720	18260	19780	21280	24220	27140	30020	32820	35450	39600	43600	47400	51000	Tons.
Ship's Tonnage.	75	112	150	188	225	262	300	375	450	525	600	675	750	900	1050	1200	1350	1500	1800	2100	2400	2700	3000	3500	4000	4500	5000	Cwt.
Weight of Bower Anchors, ex Stock.	3½	4½	5	5½	6½	7½	8½	10	12	13½	15½	16½	18	21	23½	25½	27½	30	32	34	36½	38	40	41½	43	45	46½	Tons.
Admiralty Proof.	5½	6½	7½	8	8½	9½	10½	12	13½	15½	16½	18	19	21½	23½	25½	26½	28½	30½	31½	33½	34½	35½	36½	37½	39½	40½	No.
Number of Bowers.	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	Cwt.
Collective Weight of Bowers.	7	8½	10	11½	13	14½	23½	28½	34½	38½	43½	47½	51½	60	67	72½	79	85½	91½	97	104	108½	114	159½	165½	173½	179	Cwt.
Weight of Stream Anchor, ex Stock.	3	1½	1½	1½	2	2½	2½	3½	4	4½	5½	6½	7½	8	8½	8½	9½	10½	10½	11½	11½	12	12½	14	15½	16½	Cwt.	
Ditto of Kedges. 1st. 2nd.	½ —	½ —	¾ —	¾ —	1 —	1 —	1½ —	2¾ ½	2 1	2½ 1½	2½ 1½	3½ 1½	3½ 1½	4 2	4½ 2½	4½ 2½	4½ 2½	5½ 2½	5½ 2½	5½ 2½	5½ 2½	6 3	6½ 3½	7 3½	7½ 3½	8½ 4	Cwt.	

FOR SAILING VESSELS.

FOR SAILING VESSELS.																											
Numbers for Iron Vessels.	1900	2500	3100	3650	4200	4700	5150	6000	6800	7550	8250	8900	9600	10800	12000	13200	14400	15500	17600	19600	21800	23400	25100	29400	33400		
Ship's Tonnage.	50	75	100	125	150	175	200	250	300	350	400	450	500	600	700	800	900	1000	1200	1400	1600	1800	2000	2500	3000		Tons.
Weight of Bower Anchors, ex Stock.	3½	4½	5	5½	6½	7½	8½	10	12	13½	15½	16½	18	21	23½	25½	27½	30	32	34	36½	38	40	42	45		Cwt.
Admiralty Proof.	5½	6½	7½	8	8½	9½	10½	12	13½	15½	16½	18	19	21½	23½	25½	26½	28½	30½	31½	33½	34½	35½	37½	39½		Tons.
Number of Bowers.	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		No.
Collective Weight of Bowers.	7	8½	10	11½	13	14½	23½	28½	34½	38½	43½	47½	51½	60	67	72½	79	85½	91½	97	104	108½	114	119½	128½		Cwt.
Weight of Stream Anchor, ex Stock.	3	1½	1½	1½	2	2½	2½	3½	4	4½	5½	5½	6½	7½	8	8½	8½	9½	10½	10½	11½	11½	12	13½	15½		Cwt.
Ditto of Kedges.	1st. 2nd.	½ —	½ —	¾ —	¾ —	1 —	1 —	1½ —	1½ —	2 1	2½ 1½	2½ 1½	3¼ 1½	3½ 1½	4 2	4½ 2½	4½ 2½	4½ 2½	5½ 2½	5½ 2½	5½ 2½	6 3	6½ 3½	7½ 3½		Cwt.	

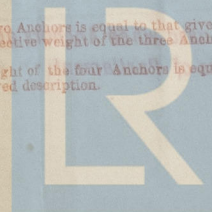
* In order to meet the requirements of different trades, the weights of Anchors as given in the above Table may be modified as under:—

Where two Bower Anchors only are required, one of them may be 7½ per cent. lighter than the weight set forth above, provided the collective weight of the two Anchors is equal to that given in the Table.

Where three Bower Anchors are required, one of them may be 15 per cent., and another 7½ per cent. lighter than the weight set forth above, provided the collective weight of the three Anchors is equal to that given in the Table, but in no case may the best Bower Anchor be lighter than prescribed in the Table.

Where four Bower Anchors are required, one may be 15 per cent., and another 7½ per cent. lighter than the weight set forth above, provided the collective weight of the four Anchors is equal to that given in the Table, but two at least of the Bower anchors must not be lighter than required by the Table.

All Anchor Stocks must be of acknowledged and approved description.



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