

Messrs. Howaldtswerke's No. 642.

The Hamburg Surveyors have forwarded certificates of test for four anchors, three stockless and one ex stock, and stating that the drop tests for these anchors were made at Dusseldorf, and that they were sent in error to Kiel without the necessary tensile tests having been carried out, and that in view of the vessel for which they are intended being ready for her trial trip, the tensile tests have been made at a machine installed at the Works of the Deutsche Werke not approved by this Society.

The certificates of the anchors have been examined and it is found that the weights are as follows:-

			cwt.	qrs.	lbs.
1st bower anchor, stockless,			24.	2.	5.
2nd	"	"	24.	2.	8.
3rd	"	"	21.	3.	17.
TOTAL -			71.	0.	2.

The Rules require three bower anchors having a collective weight of 73 cwt.

It will therefore be seen that the 3rd bower anchor should be changed for an anchor of heavier weight in order that the total weight of anchors supplied may be equivalent to 73 cwt.

The stream anchor required by the Rules is  $6\frac{1}{2}$  cwt. ex stock, whereas the certificate would indicate this anchor as being  $5\frac{1}{2}$  cwt.

It is submitted that the stream anchor should also be changed.

In regard to the testing of the anchors which has been done at Kiel, it is submitted that, so far as the first two bower anchors are concerned, the tests might in the circumstances be accepted.



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