

Steel Screw Steamer No. 557 now being built by Messrs.
Irvine's Shipbuilding & Dry Docks Co.

Rule Dimensions: 380 x 51.2 x 26.25
Equipment No. 32413

This vessel is being converted for the carriage of petroleum in bulk to the order of the Admiralty and the alterations in design required by the Admiralty involve an increase in the equipment numeral and a change in the grade.

The Builders state that the anchors and cables together with the windlass have been ordered for some time. It is observed that the equipment as ordered is not equal in several respects to that required by Table 31 of the Rules and it is considered the equipment should be supplemented in order to make it equal to the Rule requirements.

This case is similar to that of Messrs. Richardson Duck & Co^{No 649} now being considered.

The equipment previously approved^{and} as now required by the Rules, ~~and as modified to meet the altered conditions~~ are as follow:-

(1) Equipment No. 32021. as originally required

2 bower anchors	56 $\frac{1}{2}$ cwt.	stockless	} 160 cwt.
1 " "	47 $\frac{1}{2}$ "	" "	
1 stream "	15 "	ex stock	
1 kedg "	6 $\frac{1}{2}$ "	" "	
270 fms. 2-2/16" stud chain cable			
90 " 1-3/16" stream chain			
120 " 4 $\frac{1}{2}$ " steel wire towline			
2 at 90 fms. 7" hawser			
2 at 90 " 7" warp			



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(2) Equipment No. 32200-34800. As now required.

2 bower anchors	60 cwt. stockless) 170½ cwt.
1 " "	50½ " "	
1 stream	16½ " ex stock	
1 kedje	7 " " "	
270 fms.	2-3/16" stud chain cable	
90 fms.	4½" steel wire	
120 "	4½" " "	
2 at 90 fms.	2½" steel wire	
2 at 90 fms.	7" warp	

It is submitted that provided the third bower anchor be replaced by one of 58 cwt. so as to make the collective weight of the bower anchor equal to the requirements of the Rules, the kedje anchor be replaced by one of 8½ cwt. ex stock making the collective weight of stream and kedje equal to Rule, an additional 15 fms. of 2-2/16" cable and additional lengths of steel wire and hawser be provided the same may be approved for the Figure 1.

If approved the equipment would then be as follows:-

2 bower anchors	56½ cwt. stockless) 170½ cwt.
1 " "	58 " "	
1 stream	15 " ex stock	
1 kedje	8½ " " "	
285 fms.	2-2/16" stud chain cable	
105 fms.	1-3/16" stream chain	
135 fms.	4½" steel wire towline	
2 at 110 fms.	7" hawser	
2 at 90 fms.	7" warp	

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E. G. C.
26.11.15

R. G. W.

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