

# Ship "Larnatic" <sup>758</sup>/<sub>871</sub> Tons.

A Table showing those Scantlings of the above named vessel which are deficient and also those which are in excess of the Suggestions for composite ships with Remarks upon what may be deemed as compensation for the parts under the Scantlings. - Compiled from the Surveyor's Report W. 8943 Sunderland, and subsequent correspondence. -

Component parts of the Ship.	Scantlings.				Remarks.
	Required by Suggestions	In Ship.	Deficient of the Suggestions.	In excess of the Suggestions.	
Keel Siding and moulding	14 1/2 x 16	14 1/2 x 15	0 x 1	—	The extra width of iron keel plate may be considered as compensation for the deficiency in the moulding of the wood keel. -
— Plate breadth and thickness.	29 x 12/16	30 x 12/16	—	1 x 0	
Fore-deadwood plate — — — —	29 x 13/16	30 x 12/16	1/16 thin	1 x 0	No compensation for Deadwood plates being 1/16 thin. -
after — — — — —	29 x 13/16	30 x 12/16	1/16 —	1 —	
Frames Angle Irons	3 1/2 x 4 x 9/16	4 x 4 x 8/16	—	1/2 x 0 x 0	The slight deficiency in the reverse frames is more than made up by their extra thickness - and by the extra 1/2 in in frames. -
— Reverse — — —	3 x 3 x 9/16	3 x 2 3/4 x 7/16	1/4 x 0 x 0	0 x 0 x 1/16	
Beams Upper deck Bulk-iron	8 x 9/16	8 x 10/16	—	0 x 1/16	There would be a slight compensation for the deficiencies in the upper deck stringer - tie and diagonal plates. -
— Hold tie — — — —	9 x 6 3/4 x 10/16	9 x 5 1/2 x 10/16	0 x 1/4 x 0	—	
Keelson-plate on Flange.	15 x 11/16	15 x 12/16	—	0 x 1/16	May be taken as compensation for the deficient 3/4 on garboards. -
— Foundation plate.	17 1/2 x 9/16	omitted	17 1/2 x 9/16	—	No compensation given for these omissions. -
— Riding — — —	20 3/4 x 9/16	—	20 3/4 x 9/16	—	
— Angle Irons.	4 x 5 x 8/16	5 1/4 x 3 1/4 x 9/16	1/2 x 0 x 0	0 x 0 x 1/16	The extra thickness makes up for the deficiency in one of the 4 angles. -
— Bulk-iron beside Intercoastals	9 x 10/16	omitted.	9 x 10/16	—	
— Bilge double angle iron	4 x 5 x 8/16	5 1/4 x 3 1/4 x 9/16	1/2 x 0 x 0	0 x 0 x 1/16	The extra thickness makes up for the deficiency in one of the 4 angles. -
— Bulk-plate to Bilge Keelson.	9 x 10/16	omitted	9 x 10/16	—	
Garboard Strakes thickness	10 3/4	10	3/4	—	No compensation given for this omission. -
Sheerstrakes	4 1/2	4 1/4	1/4	—	
Iron Sheerstrakes - breadth & thickness	29 1/2 x 10/16	30 x 9/16	0 x 1/16	1/2 x 0	The extra 1/16 in keelson might be considered as compensation for this. -
— Bilge-plate — — —	19 3/4 x 10/16	24 x 9/16	0 x 1/16	4/4 x 0	
Diag. plates on frames — — —	7 1/4 x 10/16	8 x 9/16	0 x 1/16	3/4 x 0	The extra width fully compensates for 1/16 deficiency in thickness. -
Stringer-plate to upper deck Beams	25 x 10/16	24 x 9/16	1 x 1/16	—	
Tie-plates — — — — —	12 x 10/16	13 x 9/16	0 x 1/16	1 x 0	The additional 1/16 on Reverse frames would compensate for the diag. plates being 1/16 thin. -
Diag. tie plates — — — — —	12 x 10/16	13 x 9/16	0 x 1/16	1 x 0	
Stringer-plates on Hold-beams	15 3/4 x 10/16	16 1/2 x 11/16	2/4 x 0	0 x 1/16	There is no compensation for these deficiencies - except the upper deck beams being 1/16 thicker than required - which cannot be considered as full compensation. -
Tie-plates to Hold Beams.	13 1/2 x 10/16	13 x 9/16	1/2 x 1/16	—	
Hold-pillars (diameters)	3 3/8	3 1/4	1/8	—	No apparently compensation for these deficiencies: - except in the case of the stringers which are 1/16 thick. -
Butt straps to plating 1/16 thinner than required by suggestions -	—	—	—	—	
Butt straps to the outside planking from 1/8 to 1/4 in thinner -	—	—	—	—	No compensation for. -



© 2021 Lloyd's Register Foundation  
This document is the property of Lloyd's Register Foundation and is loaned to you for your use only. It is not to be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of Lloyd's Register Foundation.