

2500,819.

1-FEB 1928

Received by Chief Ship Surveyor

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VESSEL'S NAME *STE S.S. "Highland Watch"* Report *NWC* No. *82292*.

The remarks of the Chief Ship Surveyor are desired on this case for the consideration of the Classing Committee.

("The endorsement to contain a succinct summary of any repairs that have been required and to show the cause or causes of such repairs, and also to bring out clearly any exceptional features in connection with the case, so that the Classing Committee may have all the salient points presented in the endorsement."—Extract from Sub-Committee's Report, 24/5/22.)

Nature of Survey

Part 2nd S.S. No. 3. *+ Damage*.

THICKNESSES OF PLATING ascertained by drilling, and comparison of same with the original thicknesses.

The thicknesses are in *1/20* of an inch.

STRAKE.	AMIDSHIP.					*FORWARD.					*AFT.					REMARKS.
	Original Thickness.	Thickness by drilling.		Diminution if any.		Original Thickness.	Thickness by drilling.		Diminution if any.		Original Thickness.	Thickness by drilling.		Diminution if any.		
		Port.	Std.	Port.	Std.		Port.	Std.	Port.	Std.		Port.	Std.	Port.	Std.	
SHELTER	14	14	13	✓	1	8	11½	9	✓	✓	8	12	10	✓	✓	f = full. b = bare.
SEAP SHEER STRAKE	14	14	13	✓	1	8	11½	9	✓	✓	8	12	10	✓	✓	
Strake below.....	13	12½	14	½	✓	8	11	10	✓	✓	8	12	11½	✓	✓	
MAIN SHEER STRAKE	14	14	14	✓	✓	10	11½	11	✓	✓	10	11	11½	✓	✓	
1st Strake below.....	13	11¼	11	1¼	2	10	11	10½	✓	✓	10	11½	12	✓	✓	
2nd " ".....	13	12	12	1	1	10	10	10½	✓	✓	10	10	10	✓	✓	
3rd " ".....	13	12½	12½	½	1½	10	10	10½	✓	✓	10	11¼	11	✓	✓	
4th " ".....	13	13	12	✓	1	10	10	8½	✓	1½	10	11½	11	✓	✓	
5th " ".....	13	13	12½	✓	1½	10	8	8	2	2	10	11	10½	✓	✓	
6th " ".....											10	12½	13	✓	✓	
7th " ".....																
8th " ".....						10	12	9½	✓	1½						
9th " ".....																

* The thicknesses given in these columns should indicate the actual thicknesses at not less than one-fourth the vessel's length from each end.

The class is subject to bow plating, repaired by electric welding 2.23, being specially examined at the next dry docking, indented plating being dealt with at the Owners' convenience, and the shelter deck plating, which was coated with a bituminous solution and covered with "Limmer" asphalt in December 1925, being examined every 6 months.

The Owners were informed in June last that the condition regarding the further periodical examination of the shelter deck plating could be removed, provided the decks be again examined and a satisfactory report be received.

S.S. SHL. 2nd NO. 3. 11-27 being deferred until the Survey is completed.

Stl. Sc. "HIGHLAND WATCH".

2.

The Newcastle Surveyors now report the vessel examined in dry dock and damage through grounding, striking quay walls, encountering heavy weather and cause unknown repaired as follows:-
 41 shell plates renewed, 48 shell plates, 15 frames, 2 reversed frames and 3 floors repaired, and minor repairs effected.

The bow plates previously repaired by electric welding have been renewed and the indented plating dealt with.

The 2nd S.S.No.3, due 3.28, has also been partly held and the shell plating drilled with satisfactory results as shown.

The bottom has been cleaned and coated, 2 shell plates renewed and repairs effected to bulkheads, tank top, floors, framing etc., as necessary on account of wear and tear.

Portions of the asphalt covering on the shelter deck have been removed, the composition found adhering satisfactorily, there being no sign of ~~the~~ cracking of the composition or of wastage of the deck plating, and in the Surveyors' opinion the condition regarding periodical examination of the deck plating may now be removed.

It is submitted the vessel appears worthy to remain as classed, with record of survey 11.27, without special condition. Notation of 2nd S.S.No.3 to be deferred until completion of the same.

100A1.)
 Shelter deck with fbd.) Without &c.
 11.27. Shl.)

1. 2. 28.

To complete the 2nd S.S.No.3:- Forward and after accommodation spaces, tween deck bunkers, refrigerating machinery spaces, hatchways, hatches, masts, rigging (wedges to remove), galley floor, boats, plating in way of sidelights, casings, and promenade deck to be examined.

S.S. Shl. 2nd No.3. 11.27 being deferred until the Survey is completed.