

Ship's Name SS/MX "MUSWELL HILL" Gross tons 7131

Is there a rpt. 9? Yes. Port Piraeus Rpt. No. 10768

No. of visits 13 First date 12.11.63 Last date 24.1.64

Interim Cert. issued & copy herewith? Yes. Damage rpt. issued & copy herewith? No. Last rpt. (H.Q. only)

Date of completing rpt. 30.1.64 Surveyed at, if different from Port above Syra

Surveyed afloat and/or in D.D. Both Last date of examination in D.D. 20.11.63

Has a Load Line Survey been held? Yes. Freeboard Marks verified Yes.

State which additional Rpt. 8 is attached: ~~(Rpt. 8)~~ (PS); ~~(Rpt. 8)~~ (EQ); ~~(Rpt. 8)~~

Survey fees	Damage fee	Expenses	£ 19. 0. 0
Ren.L.L.	£31.10. 0		
SS	247.10. 0		
Dge.Rprs	10. 0. 0		
Rprs	20. 0. 0	S.A. fee	£ 6. 0. 0

I have surveyed the above ship in accordance with the Rules for Special Survey "C" due 12,61 Docking, Wear & Tear & Damage Repairs,

The items now surveyed are detailed on this report. All were found or placed in good condition unless otherwise stated.

#### Wear & Tear Repairs

Forecastle hatch, severely wasted, now completely renewed.  
Both chain pipes from forecastle to chain locker renewed.  
No.1 Hatch forward coaming and deck forward doubled in way of steam pipes.  
No.1 Hatch aft stiffening bar and cleats renewed.  
Deck between No.1 port & stbd. winches doubled.  
All cleats renewed on aft coaming of No.2 Hatch.  
Aft side of midship deckhouse doubled in way of steam pipes.  
Deck between No.3 and 3A hatches doubled.  
Forward side of No.3A hatch coaming doubled.  
Goosenecks for No.4 stbd. DB and the stbd. side of cofferdam renewed.  
Deck of galley coal bunker completely renewed.  
Engine Room skylights doubled where locally wasted.  
Flaps in Engine Room ventilators made workable.  
Fiddley gratings over Boiler Room renewed.  
Galley skylight hinges renewed.

P.T.O.

I recommend that this ship remain as classed with ~~with~~ fresh record of dry docking DS 11,63 and the notation of SS 1,64, without special condition regarding indented shell plates G15 and H16 (p.s.f.) and to No.1 hatchway forward coaming.

(Where conditions of class are recommended to be retained, imposed, amended or deleted, particulars must be stated above and on the interim certificate.)

Date of Committee

WEDNESDAY - 4 MAR 1964

Minute

DS 11. 63 without 1st cdn (h) defect (m)  
SS 1. 64 ES 1. 64  
TS 11. 63 MBS 1. 64 SPS 1. 64  
delete " laid up - Surveys Overdue 12. 61"

J. Wood & C. Philippou.  
Surveyor to Lloyd's Register of Shipping

ALSO FOR

SPL FOR

TRO

SRL

POSTING

HEADER

CERT

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action taken or recommended should be described fully under "defects & repairs". When any part has been subjected to pressure test this should be stated.

date of the next Special Survey. Where repairs have been effected or it is considered that re-examination or repairs should be made before that date the circumstances and

The condition of any item is to be described as "good" only when it has been examined, found or placed in good condition and is considered to be acceptable until the due

13 FEB 1964  
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No.1 Tween Deck

10 wasted frame filling pieces on each side renewed.  
Aft bulkhead cropped 14'-0" x 18" and insert fitted.  
Aft centre line bulkhead cropped and insert fitted.

No.1 Lower Hold

Forward centre line bulkhead cropped 18" x length and insert fitted.  
Aft centre line bulkhead cropped 3'-0" x length and insert fitted.  
All centre line bulkhead knee brackets renewed.  
Aft bulkhead, wasted above port bilge, cropped and insert fitted.

No.2 Tween Deck

All wasted frame filling pieces on each side renewed.  
Aft bulkhead cropped and part renewed in two sections each 10' - 0" x 18".  
Forward centre line bulkhead cropped 12" x length and insert fitted.  
Stbd. side stringer plate doubled in two places, each 18'0"x 2'0".

No.2 Lower Hold

Forward centre line bulkhead cropped 6'-0" x length and insert fitted.  
Aft centre line bulkhead cropped 4'-0" x 2'-0" & insert fitted.  
All centre line bulkhead knee brackets renewed.  
Aft bulkhead, wasted above port bilge, cropped and insert fitted.

No.3 Tween Deck

5 wasted frame filling pieces on port side and 1 on stbd. side renewed.  
Aft bulkhead, wasted on port side, cropped and part renewed.

No.3 Lower Hold

Aft bulkhead, wasted above port bilge, cropped and insert fitted.

No.4 Tween Deck

Aft centre line bulkhead cropped at base 5'-0" x 2'-0" and insert fitted.  
Aft bulkhead cropped 4'-0" x 18" in two places and inserts fitted.  
Aft deck doubled for 8'-0" x 2'-0".

No.4 Lower Hold

Both brackets at base of centre line bulkhead renewed.

No.5 Tween Deck

7 wasted frame filling pieces on port side and 1 on stbd. side renewed.  
Forward centre line bulkhead cropped 3'-0" x 2'-0" & insert fitted.  
Deck plating stbd. side forward, doubled 6'-0" x 2'-6".

No.5 Lower Hold

3 Bilge brackets stbd. side aft, cropped and part renewed.

Cont/...

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC. The reason for repairs must be stated and repairs on account of damage, the alleged cause of which must be given, should be detailed separately from wear and tear repairs and, besides being detailed above, should be noted in the following summary. *State what action has been taken regarding items which are subjects of class or in SRL Appendix, whether outstanding or new.* Any alterations in existing particulars in the Register Book should also be reported above.

SUMMARY OF DAMAGE REPAIRS	SHELL PLATES	FRAMES	DECK PLATES	BEAMS	OTHER ITEMS
Renewed	1				
Removed and faired or replaced	2	2			
Faired or repaired in place	1				



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Ship's Name SS/MS "MUSWELL HILL"

Port Piraeus

Rpt. No. 10768

Forward centre line bulkhead base brackets renewed.

#### Deep Tanks

Port side:- Shipside stringer, found fractured from 3rd frame from forward bulkhead, veed out, welded and doubler fitted.

Stbd. side: Shipside stringer, top plate fractured in several places in way of frames, cropped and part renewed.

#### Double Bottom Tanks

No.7 Ballast tank vertical stiffener angles on floors under deep tanks, and on bulkhead with No.6 DB, found wasting, now reinforced with additional stiffening.

On stbd. side, two floors immediately forward of forward manhole opening, found wasted at top, now cropped at mid height and part renewed.

Port side aft tank top, locally indented, fitted with two doublers one 15'-0" x 5'-0" and one 7'-0" x 5'-0".

#### Docking

Rudder lifted for rebushing of bottom pintle.

Several leaking or scrubbed rivets on stem plate, forward keel plates and bilge amidships ring welded.

#### Equipment

The chain cable was found with one length missing from the port side and 8 lengths defective. 5 good lengths were taken from the port side and coupled to 4 good lengths on the stbd. side and 9 lengths as per the Equipment Rpt. attached, fitted to the port side.

#### Damage Repairs

##### Port Side

+Plate No.G15 was found heavily indented along its entire length and has been renewed.

+Plate No.H16, found indented along lower adge with G15 was faired in place when G15 was removed.

##### Stbd. side

Plate Nos. JA 3 & 4 both found heavily indented, were removed, faired and refitted and 2 buckled frames in way cropped, faired and refitted.

#### Conditions of class-SRL No.212

"Indented skell plates G15, H16 (p.s.f.) and No.1 hatchway forward coaming to be specially examined and dealt with as necessary at the next Special Survey".

As noted above + all these items have been satisfactorily dealt with at this time and it is submitted that they may now be deleted from the SRL.

#### SRL Appendix No.13

"Indented shell plates port and stbd. sides forward", were specially examined and found to continue in efficient condition. No repairs were effected other than those noted under damage repairs and the entry remains unchanged.

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0014 2/4



## Rpt. 8 (P.S.) DRY CARGO SHIP

Ship's Name SS/~~MS~~ "MUSWELL HILL"

S.S. ( c ) Due 12, 61

Port Piraeus

Rpt. No. 10768

	<u>Examined &amp; condition</u>		<u>Examined &amp; condition</u>
In dry dock from	19.11.63	* Air & sounding pipes	Good.
" " " to	21.11.63	Doublers under " "	Good.
Shell plating	Good.	Steering arrangements (main)	Good.
Sternframe	Good.	" " (aux)	Good.
Rudder	Good.	Windlass	Good.
Was rudder lifted?	Yes.	Masts & rigging	Good.
Plating, etc. in way of shell openings	Good.	Hand pumps & suction	Good.
Side scuttles & deadlights	Good.	W.T. doors	Good.
Overbd. scuppers & discharges	Good.	Bulwarks, freeing ports, etc.	Good.
F.P. spaces	Good.		
Chain locker	Good.	Summer freeboard as verified	10' - 6½" /
A.P. spaces	Good.		
Engine space	Good.		
Boiler space	Good.	<u>EQUIPMENT:</u>	
Under E. & B.	Good.	Equipment letter	C37 /
Galley Coal bunker	Good.	Fee ltr., if diff. from eqpt. ltr.	
Tunnel & well	Good.	Anchors: No. on board	3B 1S
Cement, asphalt, etc., on btm. shell	Good.	State if ranged	Yes.
Weather decks	Good.	Length on board	270 fms.
* Casings	Good.	Mean dias. range from	2 3/16" to 2 5/16" /
* Deckhouses	Good.	Rule length	270 fms. Dia. 2 5/16"
* Superstructures	Good.	Mooring ropes	Good.
* Skylights	Good.		
* Companionways	Good.		
* Hatchways	Good.		
* Ventilators	Good.		
Other items:			

\* These items to include their closing appliances

Where a part Special Survey and, say, Dry Docking Survey are held at the same time, the items for SS should be marked "For SS"



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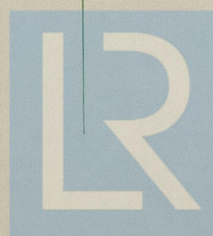
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0014 3/4



HOLDS & 'TWEEN DECKS:		Examined & condition	TANKS:	Examined & condition	Tested & condition
No. 1	Hold	Good.	F.P. tank	Good.	Good.
"	'Tween decks	Good.	A.P. tank	Good.	Good.
			D.B. tanks & c/dams		
			Nos.1 & 2 Ball.	Good.	Good.
			No.3 P&S OF	Good.	Good.
No. 2	Hold	Good.	No.4 P&S OF	Good.	Good.
	'Tween decks	Good.	No.5 P & S OF	Good.	Good.
			c/dam 5/6	Good.	Good.
			No.6 P&S FW	Good.	Good.
			No.7 Ball.	Good.	Good.
			No.8 Ball.	Good.	Good.
No. 3	Hold	Good.	<del>C&amp;S tanks</del>		
"	'Tween decks	Good.			
			<del>Sc. tanks</del>		
No. 4	Hold	Good.			
"	'Tween decks	Good.			
			P & S Deep tanks	Good.	Good.
No. 5	Hold	Good.			
"	'Tween decks	Good.	Side tanks		
			<u>Domestic</u>		
			Port T.D.	Good.	Good.
			Stbd.T.D.	Good.	Good.
No. 6	Hold		Wing tanks		
"	'Tween decks				
			Other tanks:		
	Cargo battens	Good.			
	Ceiling, etc.	Good.			



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Fee Letter if diff. from Equipment Letter

Equipment Letter C37

When anchors or cables are supplied or retested, the following particulars are required:

## ANCHORS

Number of Certificate	Anchors	Weight Ex Stock		Weight of Stock		Test per Certificate			Weight Required by Rule		Description of Anchor	Makers	Where and when tested and Superintendent
		Cwts. or Kilogs	lbs.	Cwts. or Kilogs	lbs.	Tons	Cwts. or Kilogs	lbs.	Cwts. or Kilogs	lbs.			
											<i>If Patent, state name of Patentee</i>		<i>If Stockless, state Mechanical Test</i>
	Collective Weight												
	Stream												

Number of Certificate	Length and size supplied		Test per Certificate		Weight of Chain Cable						Length and size per rule		Description	Makers of Cable	Where and when tested and Superintendent	
	Length	Diam.	Statutory	Breaking	Supplied			Rule			Length	Diam.				
	Fathoms or Metres	Ins. or M/ms	Tons or Kilogs	Tons or Kilogs	Cwts. or Kilogs	qrs.	lbs.	Cwts. or Kilogs	qrs.	lbs.	Fathoms or Metres	Ins. or M/ms				
36385	14 <sup>5</sup> / <sub>6</sub>	2 <sup>5</sup> / <sub>16</sub>	134.8	188.7	39	0	7	40	0	0	15	2 <sup>5</sup> / <sub>16</sub>	Steel Stud Link	Not stated	Low Walker	
36386	14 <sup>2</sup> / <sub>3</sub>	2 <sup>5</sup> / <sub>16</sub>	134.8	188.7	39	3	14	40	0	0	15	2 <sup>5</sup> / <sub>16</sub>	" " "	" "	20th June, 1963	
36387	15	2 <sup>5</sup> / <sub>16</sub>	134.8	188.7	38	0	21	40	0	0	15	2 <sup>5</sup> / <sub>16</sub>	" " "	" "	N.J.Vogan	
36388	15	2 <sup>5</sup> / <sub>16</sub>	134.8	188.7	38	0	7	40	0	0	15	2 <sup>5</sup> / <sub>16</sub>	" " "	" "	- do -	
48345	15	2 <sup>5</sup> / <sub>16</sub>	134.8	188.7	38	0	2	40	0	0	15	2 <sup>5</sup> / <sub>16</sub>	" " "	Tayco	Cardiff	
48348	15	2 <sup>5</sup> / <sub>16</sub>	134.8	188.7	37	2	14	40	0	0	15	2 <sup>5</sup> / <sub>16</sub>	" " "	"	28th September, 1963	
48349	15	2 <sup>5</sup> / <sub>16</sub>	134.8	188.7	38	0	9	40	0	0	15	2 <sup>5</sup> / <sub>16</sub>	" " "	"	T.H.Whitworth	
48350	15 <sup>1</sup> / <sub>6</sub>	2 <sup>5</sup> / <sub>16</sub>	134.8	188.7	38	0	14	40	0	0	15	2 <sup>5</sup> / <sub>16</sub>	" " "	"	- do -	
48548	15	2 <sup>5</sup> / <sub>16</sub>	96 <sup>1</sup> / <sub>4</sub>	134 <sup>3</sup> / <sub>4</sub>	40	3	18	40	0	0	15	2 <sup>5</sup> / <sub>16</sub>	Stud Link	Used cable stated to be orig. 2 <sup>7</sup> / <sub>16</sub> dia.	- do -	22nd November, 1963

## CHAIN CABLES

Have test certificates of new or retested equipment (if now supplied) been checked and endorsed?

Note:—Where anchors or chain cables are lost or condemned and renewed or supplied the corresponding test certificates should be cancelled by the Surveyors.

J. Wood

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0014 4/4