

LLOYD'S REGISTER OF SHIPPING

Index No. (For London Office only.)

UNITED WITH THE BRITISH CORPORATION REGISTER

GLASGOW REPORT No.

88917

SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Ship's Name "EMPIRE SHEARWATER" (EX. L.S.T. 3033)

Port of Survey Glasgow

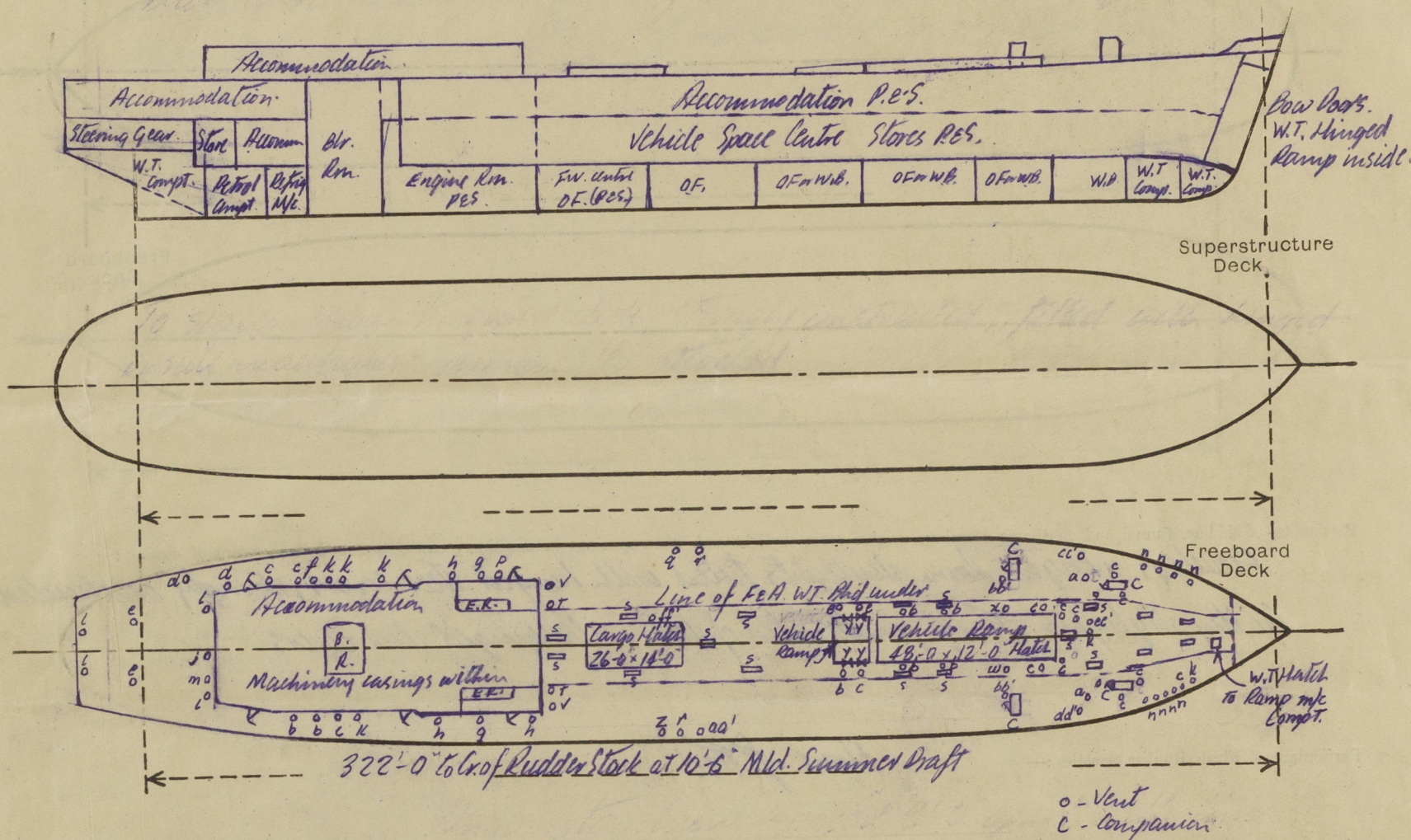
Official Number 187500

Surveyor's Signature A. S. Scott

Nationality and Port of Registry British - London

Date of Survey September 1958

Disposition and dimensions of superstructures, trunks, deckhouses, machinery casings and wood sheathing to be inserted in the diagrams and tabular statement :-



Particulars of Superstructures, Trunks, Casings, Deckhouses.								
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height, Beam to Beam
Poop Bulkhead ... ..								
Raised Quarter Deck Bulkhead ...								
Bridge, After Bulkhead ... ..								
Bridge, Forward Bulkhead ... ..								
Forecastle Bulkhead ... ..								
Trunk, Aft ... ..								
Trunk, Forward ... ..								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...								
Exposed Machinery Casings on Superstructure Decks ... ..								
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... ..								
Deckhouses and Pump Room Entrances	—	3/16 + 1/4"	3x2x4.04 1/4" O.A.	24"	B.R.B. at Top. Boundary Bar at Bottom.	2P.25. 5'0"x2'6" 1P.15. 5'0"x2'0"	15"	7'-6"

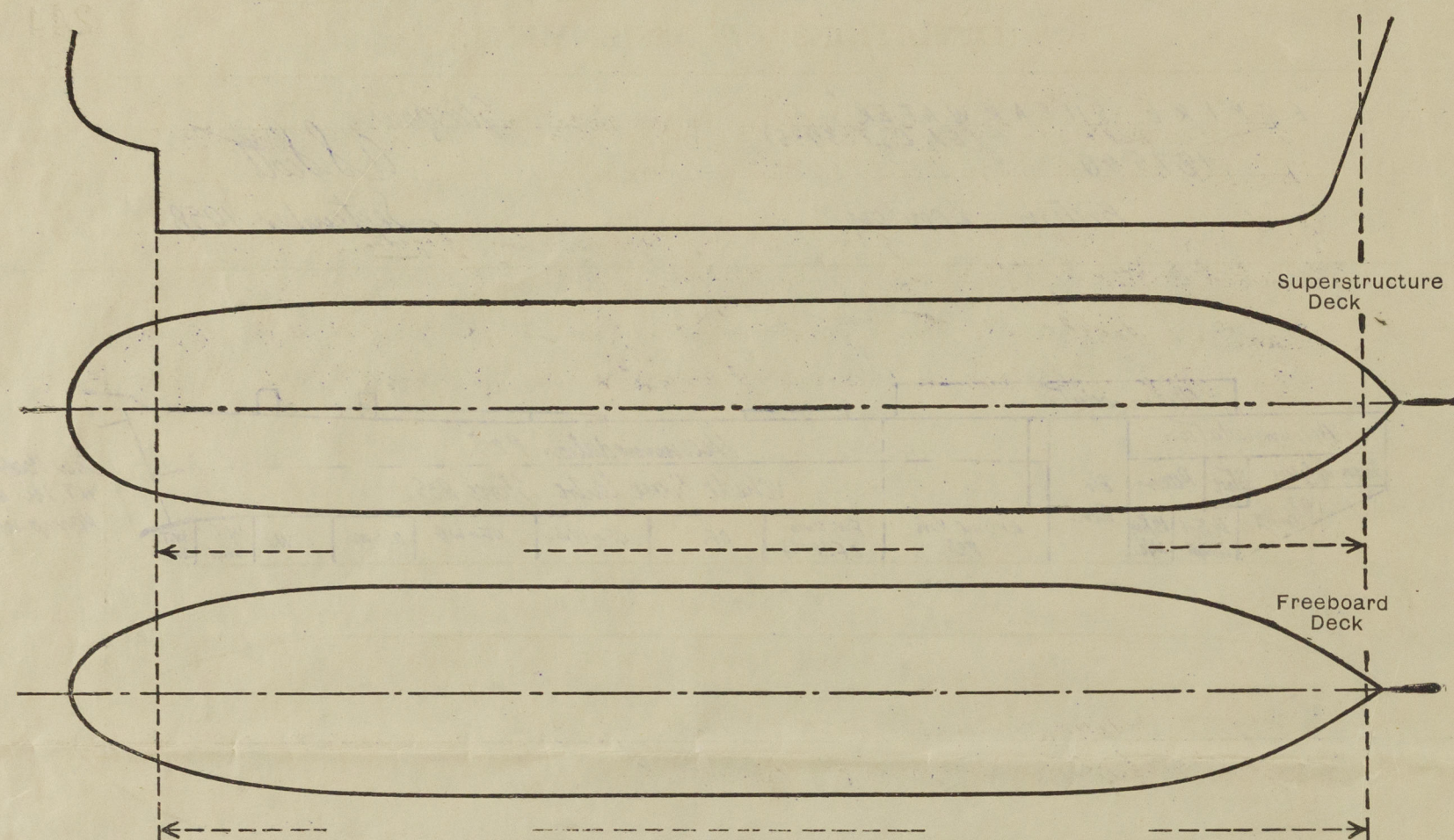
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead ... ..	
Raised Quarter Deck Bulkhead ...	
Bridge, After Bulkhead ... ..	
Bridge, Forward Bulkhead ... ..	
Forecastle Bulkhead ... ..	
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	
Exposed Machinery Casings on Superstructure Decks ... ..	
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... ..	
Deckhouses and Pump Room Entrances	Hinged Steel W.T. Doors. operated both sides - Sills 15" High



# PARTICULARS OF PROTECTION TO OPENINGS, ETC.

The following diagrams should be used to indicate the positions of cargo and coaling hatchways, gangway, cargo and coaling ports, side scuttles, scuppers, ventilators, companionways, etc., which would affect the seaworthiness of the ship :-



Particulars of fidley, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing :-

*Fiddleys & Engine Room skylights fitted with hinged steel covers, strongly constructed*  
*Galley skylights strongly constructed of steel with hinged steel covers.*

Particulars of Flush Bunker Scuttles :-

*None fitted*

Particulars of Companionways :-

(including those incorporated in deckhouses and masts)

*Four on Foredeck - Strongly constructed of steel*  
*with steel W.T. Doors operated both sides - Sills 18" High*

Particulars of Ventilators in exposed positions on freeboard and superstructure decks :-

- |   |  |
|---|--|
| a) Portable M.R. 28" dia. coaming 13" above deck.     | g) Portable M.R. 12" x 9" coaming 17" above deck.  |
| b) " 10" x 10" " 12" " "                              | h) " 18" x 10" " 15" " "   |
| c) " 8" x 8" " 12" " "                                | i) 4' 6" x 1' 9" vent hatches - 3" coaming - steel w.t. covers permanently secured.                    |
| d) " 8" x 8" " 17" " "                                | j) 48" dia. vent - coaming 21" above deck - steel w.t. blank cover                                     |
| e) " 14" x 10" " 11" " "                              | k) 33" dia. on samson post - 28' 0" above deck.  |
| f) " 6" x 6" " 10 1/2" " "                            | l) Portable M.R. 14" dia. - coaming 12" above deck.  |
| g) " 14 1/2" x 7" " 10 1/2" " "                       | m) " 12" dia. " 12" " "  |
| h) " 20" x 7" " 10 1/2" " "                           | n) 28" x 18" opening in coaming, to vent under fixed steel vehicle ramp, with hinged steel w.t. cover. |
| i) " 6" x 6" " 18" " "                                | o) Portable M.R. 15" x 7" coaming 17" above deck.  |
| j) " 6" x 6" " 12" " "                                | p) " 16" x 6" " 17" " "  |
| k) " 12" x 12" " 10 1/2" " "                          | q) " 13" x 11" " 12" " "   |
| l) " 24" x 12" " 10 1/2" " "                          | r) " 20" x 7" " 13" " "  |
| m) " 24" x 12" " 10 1/2" " "                          | s) " 14" x 10" " 13" " "   |
| n) Gooseneck 5x5 - 9" to mouth                        | t) " 21" dia. " 12" " "  |
| p) Portable M.R. 28 1/2" x 7" coaming 12" above deck. | u) " 16" x 10" " 11" " "   |

Particulars of Air Pipes in exposed positions on freeboard, raised quarter, or superstructure decks :-

*Through Ship's side - 2 1/2" (1 P. & 1 Std.) To Aft Peak. Looped up under deck and led through ship's side 2' 0" below Upper Deck.*  
*2 1/2" (1 P. & 1 S.) To Cofferdam " " " " " " " " " " " "*  
*3" (1 P. & 1 S.) To E.W. Tanks " " " " " " " " " " " "*  
*3 1/2" (1 P. & 1 S.) To Ballast Tanks " " " " " " " " " " " "*

*Through Upper Deck*

- |  |  |
|--|--|
| 2" (1 P. & 1 S.) To O.F. Settling Tanks - G.N. - Mouth 1' 10" above deck |  |
| " (1 P.) To No 10 Tank   |  |
| " (1 P. & 1 S.) No 9 E.W. Tank   |  |
| " (1 P.) No 11 O.F. Tank   |  |
| " (1 S.) No 8 O.F. Tank  |  |
| " (1 S.) Cofferdam   |  |
| 3" (1 P. & 1 S.) No 9 E.W. Tank  |  |
| 3" (S) To No 12 Tank   |  |
| " (P) To No 14 Tank  |  |
| 3 1/2" (S) To No 21 Tank   |  |
| " (P) To No 23 Tank  |  |

*Note:- Air pipes to Oil Tanks fitted with wire gauze diaphragms.*  
*All air pipes fitted with efficient closing appliances.*

*Empire Shearwater.*

Particulars of Gangway Cargo and Coaling Ports :-

*None.*

Particulars of Scuppers and Sanitary Discharge Pipes :-

*2" Scuppers in stringer plate of upper deck discharging overside through m.s. bends below decks.*  
*G.M. or steel storm valves of substantial construction fitted at ship's side below deck to sanitary discharges from spaces above freeboard deck.*  
*Sanitary discharges from spaces below freeboard deck led overboard below deck with storm valves of substantial construction fitted at ship's side.*  
*(No discharges from spaces below 2nd deck)*

Particulars of Side Scuttles & Deadlights :-

*To spaces below freeboard deck, strongly constructed, fitted with hinged inside deadlights, permanently attached.*

Vertical distance of Sill of lowest Side Scuttle above top of keel

*23' 7"*

Distance from amidships to centre of lowest Side Scuttle

*approx. 6' 0"*

Particulars of Guard Rails & Bulwarks :-

*Single stanchions spaced 8' 0" apart with three rows of steel wires with stretching screws*

Particulars of Gangways, Lifelines, etc. :-

*Access provided through tween decks from aft to forward.*

## Particulars of Freeing Arrangements.

	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
After Well ... ..			<i>Open Rails</i>			
Forward Well ... ..						

State position of each freeing port ... .. { After Well :-  
(F. and A. position and height above deck edge) { Forward Well :-

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such :-

Additional area where sheer is less than standard.



# PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.										
Description of Hatchway	...	...	...	After Comp Hatch	Forward Ramp Hatch	Forward Ramp Hatch				
Dimensions of Hatchway	...	...	...	26'0" x 14'0"	48'0" x 12'0"	3'0" x 2'6"				
COAMINGS	Height above Deck	...	...	2'0"	1'6"	6"				
	Thickness	{ Sides	...	3/8"	3/8"	3/4"				
	Stiffeners	{ Ends	...	7 x 3 x 15 3/4 B.A.	7 x 3 x 15 3/4 B.A. at A.E. only.	—				
	Brackets, Stays	{ Sides	...	2" dia Rod.	2" dia Rod.	—				
HATCH BEAMS	Number	...	...	4	11	None				
	Spacing	...	...	5'3"	4'0"					
	Scantling and Sketch	...	...	2 1/4 x 3/8 5 x 10 12 x 3 -6	8 x 5 x 28 lbs I BAR SLIDING 5 x 1 3/4 COMPLEX 1/2 x 3 x 1 3/8 CHANNEL					
	Bearing Surface	...	...	3" x 5 x 4 Flat						
FORE AND AFTERS	Number	...	...							
	Spacing	...	...							
	Unsupported Lengths	...	...							
	Scantling* and Sketch	...	...	None	None	None				
HATCH COVERS	Material	...	...	Wood	Wood	Steel				
	Thickness	...	...	2 1/2"	2 1/2"	3/8"				
	How fitted	...	...	F.A.	F.A.	6 Toggles				
	Bearing Surface	...	...	2 1/2" x 2 1/2"	2 1/2" x 2 1/2"	1 1/3 apart				
Spacing of Cleats	...	...	...	24"	24"					
Number of Tarpaulins	...	...	...	2	2					
*Are wood fore and afters steel shod at all bearing surfaces? Are battens and wedges efficient and in good condition? Are tarpaulins in good condition and in accordance with rule requirements? Are lashings provided in accordance with rule requirements? Are wood covers fitted with galvanised end bands?										
				Yes	Yes	Yes	Locking Bars			

Particulars of any special features :— (Timber Deck-cargo Fittings, Skylights, Sewage Systems, Ash Ejectors, Rubbish Shoots, etc.)

This ship is fitted with Bow Doors which are weather tight only. Aft these doors is a watertight bulkhead containing an opening which is closed watertight by a hinged ramp secured by bottle screws. The mechanical rams which operate the opening and closing of the bow doors pass through openings in the wat. bulkhead and these openings are rendered watertight by means of waterproofed canvas sleeves.

Note :— So far as can be ascertained no structural alterations have been made since this ship was built with the exception of two companionways fitted abreast forward vehicle hatchway on freeboard deck. Adequate compensation plating has now been fitted in way of these openings.



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