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THE BRITISH CORPORATION REGISTER OF
SHIPPING AND AIRCRAFT

SURVEY FOR FREEBOARD

STEAMER, ~~TANKER~~, SAILER: AJAX T.S.
 Nationality British Builders' Name and No. of Ship Scott's S. & E. L. Ltd.
 Port of Registry Liverpool Greenock N° 548.
 Official Number 162340 Owners Ocean S. S. L. Ltd.
 Gross Tonnage 7797 7540.
 Date of Build 1931 Port and Date of Survey Glasgow July 32
 Name of Surveyor W. Lyall
 Particulars of Classification Unclassed Names of Sister Ships

Type of Superstructures Poop, Bridge and Forecastle

Give full particulars of the following:—

Fiddle and Funnel Coamings (state height of coamings, type of fiddle covers, and if these are permanently attached in their proper positions)

No fiddle. Skylights only.

Flush Bunker Scuttles on freeboard and superstructure decks (state material, type of joints, etc., and if secured by hinge or permanent chain attachment)

None.

Companionways on freeboard and superstructure decks (state material, height of doorway sills, type of doors, and if these can be closed and secured from both sides)

Forecastle Aki:- Steel Companion, steel doors 16" sill, opened outside only
Forecastle Bhd:- Steel doors, 16" sill outside only. Forward well:- Tunnel escape in Mast House, steel doors opened both sides
Bridge deck house port side wood door 15" sill. After well tunnel escapes in Masthouse steel door 16" sill open both sides. Poop front Bhd:- Steel doors 19" sill outside only. Poop deck house steel door 15" sill both sides.

Ventilators in exposed positions on freeboard, raised quarter and superstructure decks (state height of steel coamings, pitch of rivets in deck connection, type of closing arrangements)

File deck:- vents 36" comp x 4 SEE CII CONTD 18.9.57. Rivets 3 1/2" p. wood plugs
Well decks:- All vents on top of masthouse Bridge dk vent 30" comp x 3
Poop dk vent 30" comp x 3 3 1/2" pitch. all wood with wood plugs & canvas covers.

Airpipes in exposed positions on freeboard, raised quarter and superstructure decks (state height to opening and if satisfactory closing arrangements are provided)

Deck	Airpipes	Swannecks	30" with grating & gauge
Wells	"	"	42" " " aft well 5' 6" dam 17" with conds.
Bridge	"	"	27 " " "
Poop	"	"	30 " " "

Scuppers and Sanitary Discharge Pipes (state material, type and number of valves)

Bridge space W.C.s & baths discharges above upper deck steel pipes & brass Non return valves
Poop " " " below " " " " " " " " " " " "

" scuppers through ship's side with screen plugs

Lathings discharge above upper deck with open end. Steel plates fitted & cement.

Side Scuttles to spaces below freeboard and superstructure decks (state type or pattern, and if permanent or portable deadlights are supplied)

Forecastle space deadlight fitted on brass frames SEE CII CONTD. 18.9.57.
Bridge " " " " " " " " " " " "
Poop " " " " " " " " " " " " {25% outer steel plate portable plugs provided}

Guard Rails on freeboard and superstructure decks (state type and where fitted)

Deck	Height	Open rails	4 rods
File	3'-8"	open rails	4 rods
Bridge	3'-9"	"	4 "
Poop	3'-8"	"	5 "

& steel bulwarks as shown.

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$$\begin{array}{r} 35-32 \\ 6-10 \\ \hline 28-5 \end{array} \quad 3$$

	Enclosed Length	Length of Overhang	Height	Mean Covered Length (S)	Height Correction	Effective Length (E)	Standard Height of Superstructure	7.5 ✓
Poop	45.6		8.5	45.6 ✓		45.6 ✓	" " R.Q.D.	
Raised Quarter Deck							Percentage covered S/L =	60.76 ✓
Bridge	CT. 172.0 side 177.0	F 1'-0" A 1'-0"	8.5	179.0 ✓		178.25 ✓	" " E/L =	60.6 ✓
Forecastle	51.0		8.5	51.0 ✓		51.0 ✓	" from Table line X B, (corrected for absence of forecastle if required)	47.02 ✓
Trunk Aft							Percentage from Table by interpolation for Bridge less than .2L if required =	
Tonnage Opening Aft							Deduction = $42 \times .4702$	19.75 off ✓
" " Forward							Percentage from Table for Tankers (or Timber ships) =	
Totals				275.6 ✓		274.85 ✓	Deduction =	

ABULAR FREEBOARD ~~corrected for high dock if required~~ = 88.2 ✓
 correction for co-efficient = $\frac{1.3878}{1.36} \times 88.2$ ✓ = 90.6 DRAUGHTS AND SEASONAL CORRECTIONS

151 $\frac{3}{6}$

"When more than twelve passengers are carried the freeboard of the ship shall be governed by the terms of the Passenger and Safety Certificate"

SUMMER TIMBER FREEBOARD recommended amidships from centre of disc to top of deck line				
TROPICAL FRESH WATER Timber line above centre of disc				Corresponding Freeboard
FRESH WATER	"	"	"	when more than twelve passengers are carried the freeboard of the ship shall be governed by the terms of the Passenger's Certificate. safety
TROPICAL	"	"	"	
WINTER	"	below	"	
WINTER NORTH ATLANTIC	"	"	"	

PARTICULARS OF CLOSING APPLIANCES (state if capable of being manipulated from both sides)

wood doors opened both sides
SEE C11 CONTD. 18.9.57

Length of Bulwark	Height of Bulwark	No. and size of Freeing Ports each side	Area each side	Rule Area
86' 11"	4'-6"	5 @ 3-1 x 1-5	23.2	17.4
93'-0"	4'-6"	5 @ 3-1 x 1-5	23.2	18.6

position and height above } After Well
of port, for each port } Forward Well

ing ports are fitted with shutters, bars or rails, and give particulars.

See sheeted for position

A hand-drawn diagram of a rectangular circuit. It consists of a top horizontal wire and a bottom horizontal wire, connected by four vertical wires. Each vertical wire contains a small circle representing a light bulb. A switch, labeled 'S', is located on the bottom horizontal wire. A dimension line on the right side of the diagram indicates the height of the circuit is 15 cm.

0151 $\frac{4}{6}$

PARTICULARS OF ALL HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS

Number and description of Hatchway from forward	1	2	3	4	5	6
Dimensions of Hatchway	UPPER DK. 21'-0" x 18'-0"	UPPER DK. 33'-0" x 18'-0"	BRIDGE DK. 24'-0" x 18'-0"	UPPER DK. 24'-0" x 18'-0"	UPPER DK. 24'-0" x 18'-0"	UPPER DK. 21'-0" x 18'-0"
Height above deck { wood { sides { ends {	2'-9 1/2" .46 .44	2'-9 1/2" .5 .44	2'-6 1/2" .46 .44	2'-6 1/2" .46 .44	2'-9 1/2" .46 .44	2'-9 1/2" .46 .44
Stiffeners	9 x 3 1/2 x 46 5 sides only sides ends	9 x 3 1/2 x 46 4 sides only sides ends	9 x 3 1/2 x 51 sides	9 x 3 1/2 x 51 sides	9 x 3 1/2 x 51 sides	9 x 3 1/2 x 51 sides
Brackets or Stays	Carriers (welded)					
Number	4	7	5	5	5	4
Spacing	4'-3 1/2"	4'-2 1/4"	4'-1"	4'-1"	4'-1"	4'-3 1/2"
Scantling and Sketch	16" x 36" JLE	16" x 36" JLE	16" x 36" JLE	16" x 36" JLE	16" x 36" JLE	16" x 36" JLE
Bearing Surface and thickness of carriers or sockets	3 1/2 x 13 1/4					
Number						
Spacing						
Unsupported lengths						
Scantling and Sketch						
Bearing Surface and thickness of carriers or sockets						
Material	Pine					
Thickness	3"	3"	3"	3"	3"	3"
How Fitted	F. + A.	F. + A.	F. + A.	F. + A.	F. + A.	F. + A.
Bearing Surface	3	3	3	3	3	3
Spacing of Cleats	24"					
Number of Tarpaulins	3					

[Surveyors are to note that wood fore and afters are to be steel shod at all bearing surfaces.]

Are wood fore and afters steel shod at all bearing surfaces? *Yes*

Are battens and wedges efficient and in good condition? *Yes*

Are tarpaulins in good condition and in accordance with rule requirements? *Yes*

Are lashings provided in accordance with rule requirements? *Yes*

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Gangways and Lifelines each side in aft well.

Gangway, Cargo and Coaling Ports in sides of ship

SUPPLEMENTARY REQUIREMENTS FOR STEAMER CARRYING TIMBER DECK CARGOES

Do Superstructures and Machinery Casings comply with rules?

Is provision made for protection of steering gear, and is emergency steering gear provided?

Are efficient uprights, sockets and lashings provided according to rules?

State particulars of longitudinal subdivision in double bottom

State particulars of Bulwarks and Rails

Approval date of plans and full particulars of arrangements for stowing and securing timber

The scantlings and protective arrangements being in accordance with the Freeboard rules it is submitted that the freeboard be assigned

Passed at a meeting of the Committee of Management of the British Corporation Register of Shipping and Aircraft

on the 17th August 1933



Chief Surveyor.

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Secretary.

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