

25 APR 1930

Index No. 32980
(For London Office only.)

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD. STEAM SHIPS.

RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH
FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR
WITH TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS
CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey Glasgow
Date of Survey 17-4-30
Name of Surveyor Walter Rowlinson

Ship's Name. EXPRESS OF BRITAIN Port of Registry and Nationality. U.K. Official Number. 162582 Gross Tonnage. 42000 Date of Build. 1921 Particulars of Classification. 100 A1. with freeboard -
Number in Register Book 162582 42000 1921 100 A1. with freeboard -
contingent 38'0" extreme draft. Contingent

Registered Dimensions from Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
733.3	97.8	56.03.0K	2400.0K	2400.0K
730.0	97.8	56.07	2400.0K	2400.0K
CORRECTED DIMENSIONS.	730.0	97.8	56.07	2400.0K

Co-efficient of fineness..... 724
Any modification necessary [Para. 4 (a) to (e)]* CWB
Co-efficient as corrected 70

Sheer { Stem..... 11.0 } 14.10 1/2 ÷ 2 = 7.5 1/4 Mean 36 1/2 45
at { Sternpost... 3.10 1/2 } 07

Sheer at 1/2 of the length from { Stem 5.10 } 7.10 ÷ 2 = 3.55 Mean 85.45
Sternpost 2.0 } 85.45

Gradual mean Sheer 85.45
Standard mean Sheer [Table, Para. 18] 88.00 Correction
Difference..... 2.45 ÷ 4 = .61
§ If limited as Para. 18 (f) -1/2

Rise in Sheer { At front of bridge house.....
from amidships { At after end of forecastle
[Para. 18 (e)]

Fall in Sheer { ÷ 2 = ✓
Para. 18 (d) }

Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS :-
Freeboard, Table C..... 16-11-3-1" 13-10"
Correction for Length, if required (Para. 12, 13, and 14) + 0 1/4
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) 13-10 1/4"
Difference 3-0 3/4
Percentage as below..... 30%
11.02

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) 11"
Allowance for Deck Erections 11"

	Length.	Length allowed.	Height.
Forecastle.....	<u>61.5-8</u>		<u>8.6"</u>
Bridge House.....	<u>649.0</u>	<u>640.06</u>	
Raised Qr. Dk.....			
Top.....			
Total.....	<u>649.0</u>	<u>640.06</u>	<u>= .877</u>
Length of Ship.....	<u>730</u>		
Corresponding percentage { Para. 11, 12, 13, and 14 }	<u>limited to 30%</u>		

FREEBOARD recommended amidships from centre of Disc to top of Statutory
Fresh Water Line above centre of Disc
Indian Summer Line " " "
Winter Line below " "
Winter North Atlantic Line " " "

Moulded Depth as measured..... 38'0" 60-7 1/4
Addition for Keel below base line & Doubling 2 1/4 @
for draught record inches 55-11 1/2

CORRECTION FOR LENGTH.
Length of Ship on Loadline..... 730.0
Length in Table 727.75
Difference 2.25
Correction for 10ft., Table A. 1.7 Table C. 8
× Difference divided by 1038 (if required.) .18
If 1/10ths length covered divide by 2 + 1/2 + 1/4

CORRECTION FOR IRON DECK.
Proportion covered, if less than 1/10ths length covered -1/4
Thickness of usual wood deck, less stringer 3 1/2 3.0K covered with 1/4
mean effective sheathing 3 1/2 3.0K covered with 1/4
Composition in bridge & forecastle - 3 1/2 3.0K covered with 1/4
where exposed

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships..... 95.6"
Round of Beam 6"
Normal round..... 23.87
Difference 17.87 ÷ 2 = 8.93
Proportion of Deck uncovered (Para. 19)111 = .99 +1"

Freeboard, Table A 16-11 1/2
Correction for Sheer - 1/2
Correction for Length + 1/2
Allowance for Deck Erections 16-11
Correction for Round of Beam..... + 1
Correction for fall in Sheer (if any)..... - 1/2
Correction for Steel Deck (if required) 16-0 3/4
1 1/2" composition in way of marking - 2
Additions for non-compliance with provisions of Para. 11 (d) and (e) 15-10 3/4
Other Corrections (if any) do correspond with approved
all seasons draught of 32-0 extreme and
subdivision moulded draught of 31-11
above builders base line 13-0 3/4

Winter Freeboard
Summer Freeboard 28-11 1/2
Indian Summer Freeboard
N. A. Winter Freeboard

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the 1 1/2 steel deck with side. 1/2

Winter Freeboard from deck line
Summer " " " " 29-0"
Indian Summer " " " "
N. A. Winter " " " "
1 1/4" composition in way of marking 29-0" for all seasons
Steel Deck :- 8"

2 MAY 1930

W392-0059 1/2

W392-0059 2/2

RECEIVED 15 MAY 1930

25 APR 1930

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD. STEAM SHIPS.

50368

RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey Glasgow
Date of Survey 17.4.30
Name of Surveyor Walter Rowlinson

Ship's Name. <u>EXPRESS OF BRITAIN</u>	Port of Registry and Nationality. <u>U.K.</u>	Official Number. <u>162582</u>	Gross Tonnage. <u>42000</u>	Date of Build. <u>1931</u>	Particulars of Classification. <u>100 A1. with freeboard -</u> <u>contingent 33.0 extreme draft contemplated</u>
Number in Register Book <u>162582</u>					
Registered Length from Register. <u>733.3</u>	BREADTH. <u>97.8</u>	DEPTH. <u>56.03 OK</u>	UNDER DECK TONNAGE. <u>0 OK</u>	Moulded Depth as measured. <u>33.0</u>	Notes: - at the depth is measured when vessel is afloat, the details of measurement should be reported.
Length on LOADLINE. <u>730.0</u>	Frame Depth <u>10</u>	Ceiling <u>8</u>	Peak <u>0</u>	Addition for Keel below base line for draught record. <u>0</u>	
CORRECTED DIMENSIONS. <u>730.0</u>	<u>97.8</u>	<u>56.07</u>	<u>290 04</u>		

Co-efficient of fineness..... 724
Any modification necessary [Para. 4 (a) to (e)]* CWB
Co-efficient as corrected 70

Sheer { Stem..... 11.0 } 14.10 1/2 ÷ 2 = 7.5 1/4 ... Mean
at { Sternpost .. 3.10 1/2 }
Sheer at 1/2 of the length from { Stem 5.10 } 7.10 ÷ 2 = 3.55 ... Mean
{ Sternpost 2.0 } 5.5 ÷ 2 = 2.75
Gradual mean Sheer 85.45
Standard mean Sheer [Table, Para. 18] 83.00 Correction
Difference..... 2.45 ÷ 4 = .61
§ If limited as Para. 18 (f) -1/2

CORRECTION FOR LENGTH.
Length of Ship on Loadline..... 730.0
Length in Table 727.75
Difference 2.25
Correction for 10ft., Table A. 1.7 Table C. .8
× Difference divided by 1038 (if required.) .18
If 1/10ths length covered divide by 2 +1/2 +1/4

CORRECTION FOR IRON DECK.
Proportion covered, if less than 1/10ths length covered
Thickness of usual wood deck, less stringer 3 1/2 OK covered with 1 1/4
mean effective sheathing 3 1/2 OK covered with 1 1/4
Composition in bridge forecastle - 3 1/2 OK covered with 1 1/4
where exposed -

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships..... 95.6
Round of Beam 6
Normal round..... 23.87
Difference 17.87 ÷ 2 = 8.93
Proportion of Deck uncovered (Para. 19)11 = .99 +1"

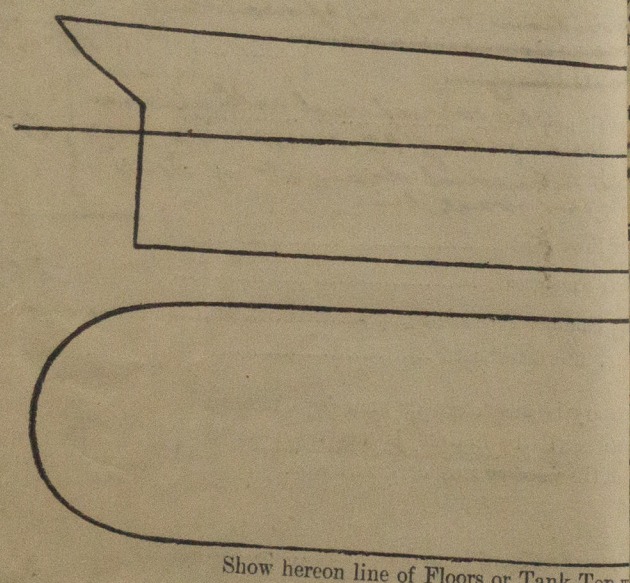
Rise in Sheer from amidships [Para. 18 (e)]
Fall in Sheer Para. 18 (d)
Length uncovered

Freeboard, Table
Correction for
Freeboard by
if
Difference
Percentage

Correction covered
allowance

forecastle
bridge
Raised
op...

length
res
Par
EL



tables, state vertical distance from top of keel
The following information is to be given in all Cases of
What is the thickness of the Bridge Sheerstrake?

Delete the words { The Crew are, are not, be }
that do not apply { The arrangements to enable }

Length of Bulwarks in well
Area of Freeing Ports required by Para.

Ft. Tenths. Ft. Tenths. No.

× × ×

× × ×

× × ×

× × ×

× × ×

× × ×

× × ×

× × ×

× × ×

× × ×

× × ×

× × ×

× × ×

× × ×

× × ×

× × ×

× × ×

× × ×

× × ×

× × ×

extapolated
Sheer 16'-11"
Length 16'-10 1/2"
Deck Erections 16'-11"
Round of Beam..... 15'-2" 16'-0"
fall in Sheer (if any)..... 15'-3" 16'-1"
mean effective sheathing 0 1/4
Steel Deck (if required) 15'-2 3/4" 16'-0 3/4"
Composition in way of marking 2
non-compliance with provisions of 15'-10 3/4"
Para. 11 (d) and (e) ÷ +13'-9 3/4" 12'-11 3/4"
ations (if any) 28'-10 1/2"
signed by B.O.T. 31.4
calculated draft 33.0
inter Freeboard
summer Freeboard
Indian Summer Freeboard
A. Winter Freeboard
necessary because clearside amidships, measured
dance with the Statute is not taken at the
on of the wood of steel deck with side.
[?] × 6 = 6 - 5.56 = 44
Winter Freeboard from deck line,
Summer " " "
Indian Summer " " "
A. Winter " " "
(Steel) Deck : - 28'-11" full season.
8"
© 2020
Dimensions of freeing port area on back of this form.
Surveyor should state whether the fall in sheer as reported is measured relatively to the straight keel or to the water line. If measured relatively to water line the vessel's draft at time of survey, and also the usual load draft forward and aft, should be reported.

Rpt. 11c.

To what height do the Reverse Frames extend?

Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end?

Give particulars of the means for closing the openings in Bulkhead

Is the ~~Poop or Raised Quarter Deck~~ *Forecastle* connected with the Bridge House?

Give particulars of the means for closing the openings in Bulkhead

What is the thickness of the Bridge Front plating?

Give scantlings and spacing of the Stiffeners

Are bracket plates fitted at each end of the Stiffeners?

Has the Bridge House an efficient Iron Bulkhead at the after end?

How are the openings closed?

Is the Forecastle at least as high as the main or top-gallant rail?

Are the Engine and Boiler openings covered by a Bridge, Poop, Raised
Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse?

If the openings are not so protected are the exposed parts of the Casings efficiently constructed?

Give thickness of plating; scantlings and spacing of Stiffeners

What is the height of the exposed Casings? above low water Are suitable means provided for closing all openings in them in bad weather? yes

Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of the Rules? Give particulars below :—

* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.

(If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of keel to lower edge of lowest side scuttle.) lowest light 3.10 above

The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.
What is the thickness of the Bridge Sheerstrake? Strake between Main and Bridge Sheerstrakes?

What is the thickness of the Bridge Sheerstrake?

Delete the words that do not apply { The Crew ~~are, are not~~, berthed in the bridge house.
The arrangements to enable them to get backwards

Length of Bulwarks in well

Area of Freeing Ports required by Para. 11 (e) each side of vessel

	Ft.	Tenths.	Ft.	Tenths.	No.
1	1	0	1	0	1
2	1	0	1	0	2
3	1	0	1	0	3
4	1	0	1	0	4
5	1	0	1	0	5
6	1	0	1	0	6
7	1	0	1	0	7
8	1	0	1	0	8
9	1	0	1	0	9
10	1	0	1	0	10
11	1	0	1	0	11
12	1	0	1	0	12
13	1	0	1	0	13
14	1	0	1	0	14
15	1	0	1	0	15
16	1	0	1	0	16
17	1	0	1	0	17
18	1	0	1	0	18
19	1	0	1	0	19
20	1	0	1	0	20
21	1	0	1	0	21
22	1	0	1	0	22
23	1	0	1	0	23
24	1	0	1	0	24
25	1	0	1	0	25
26	1	0	1	0	26
27	1	0	1	0	27
28	1	0	1	0	28
29	1	0	1	0	29
30	1	0	1	0	30
31	1	0	1	0	31
32	1	0	1	0	32
33	1	0	1	0	33
34	1	0	1	0	34
35	1	0	1	0	35
36	1	0	1	0	36
37	1	0	1	0	37
38	1	0	1	0	38
39	1	0	1	0	39
40	1	0	1	0	40
41	1	0	1	0	41
42	1	0	1	0	42
43	1	0	1	0	43
44	1	0	1	0	44
45	1	0	1	0	45
46	1	0	1	0	46
47	1	0	1	0	47
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49	1	0	1	0	49
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52	1	0	1	0	52
53	1	0	1	0	53
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66	1	0	1	0	66
67	1	0	1	0	67
68	1	0	1	0	68
69	1	0	1	0	69
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71	1	0	1	0	71
72	1	0	1	0	72
73	1	0	1	0	73
74	1	0	1	0	74
75	1	0	1	0	75
76	1	0	1	0	76
77	1	0	1	0	77
78	1	0	1	0	78
79	1	0	1	0	79
80	1	0			

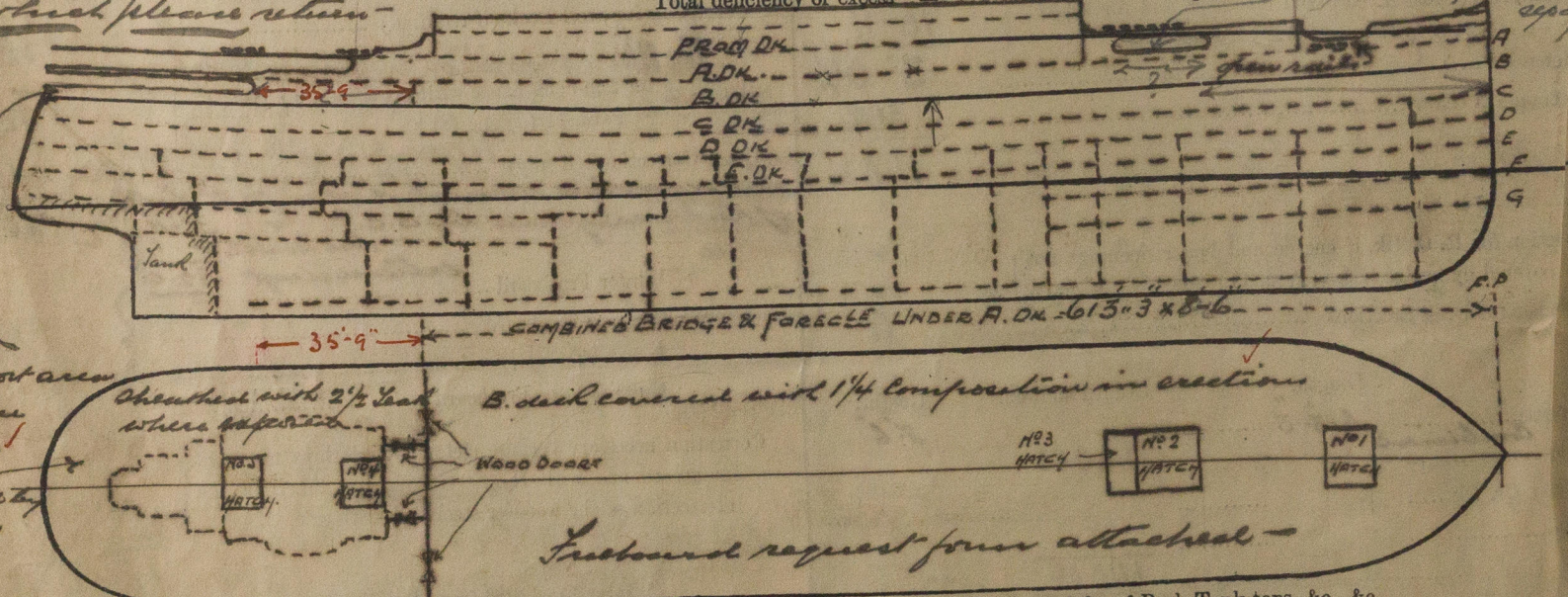
Freeing Ports
(each side of vessel)

Sq. ft.

Sq. ft. = $3 \text{ pan} - 4.6 \times 1.3$
 side

Total deficiency or excess

Sq. ft. *estimated by script*



Show hereon line of Floors or Tank Top with position of any Breaks in same ; also height of Peak Tank tops, &c., &c.

State any special features in the construction of the Vessel.

Builder's name and yard number

Names of sister vessels

Owners

Address

Fee £ 12 : 10 : 0

Received by me

See L.G. Report