

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Index No. 37951
(For London Office only)

30 APR 1945

GLASGOW REPORT No. 69560

Ship's Name "EMPIRE BELGRAVE"

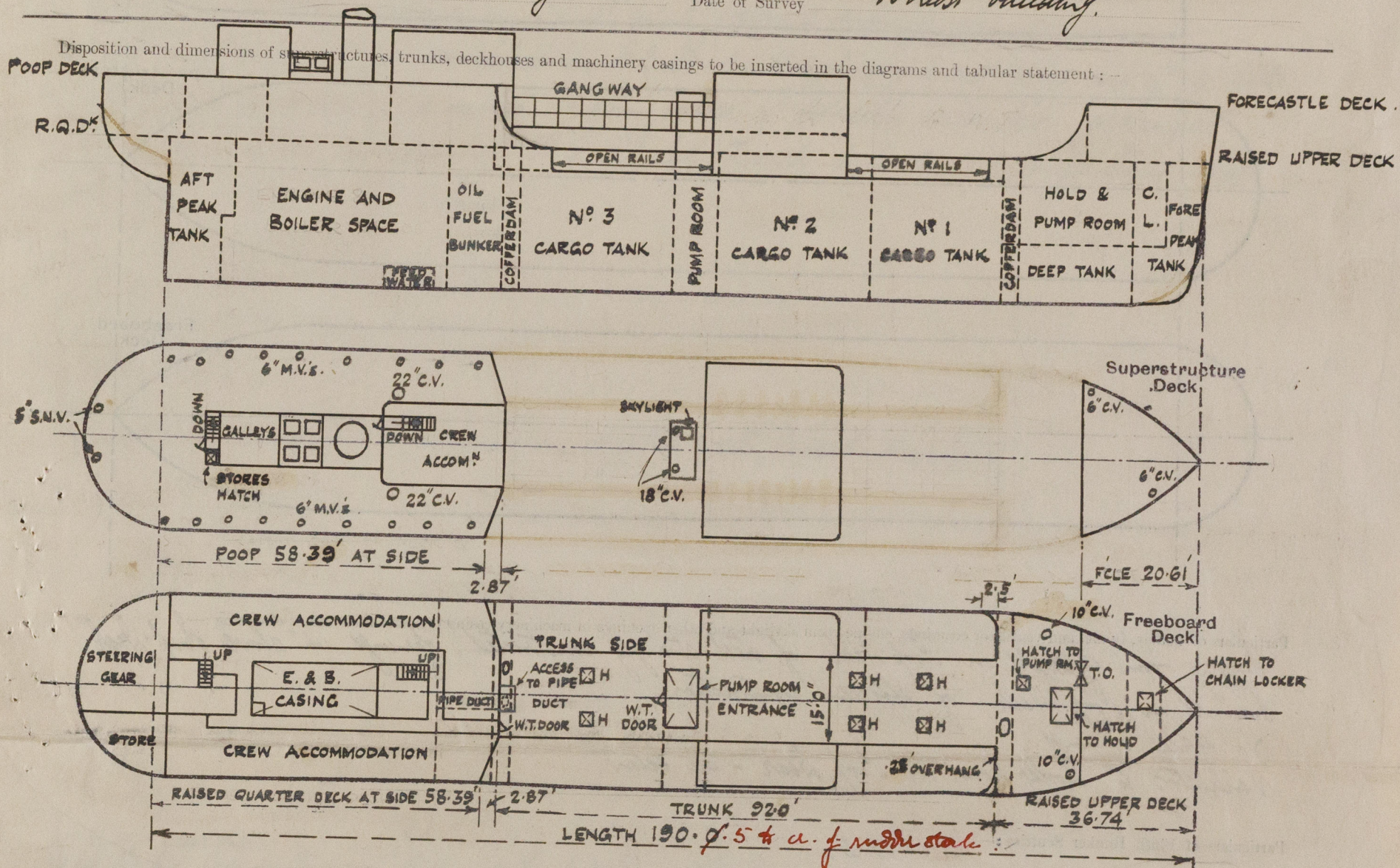
Port of Survey Glasgow

Official Number 169440

Surveyor's Signature J. W. Rowell.

Nationality and Port of Registry British Glasgow.

Date of Survey Whilst building.



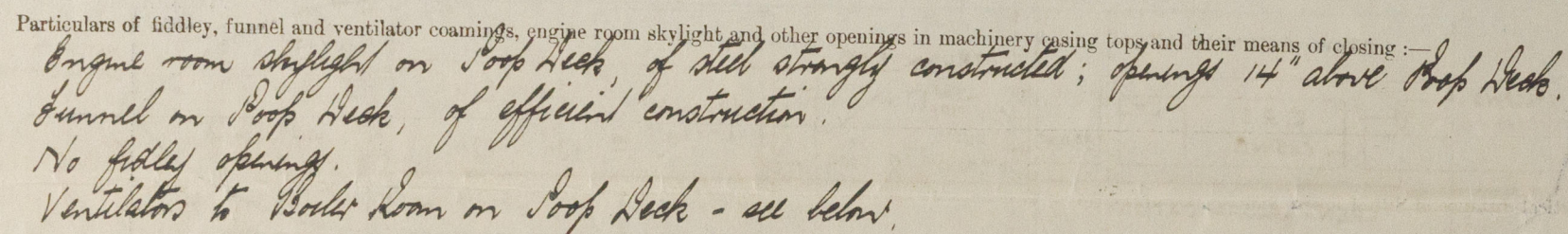
Particulars of Superstructures, Trunks, Casings, Deckhouses.

	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	✓	30"	6 x 3 1/2 x .44 B.A.	27"-30"	Top-lugged	5'-0" x 2'-0"	18"	7'-6"
Raised Quarter Deck Bulkhead (at sides of Trunk) ...	✓	30	3 x 30 flat	34"	None	✓	✓	2'-9"
Bridge, After Bulkhead	✓	36	diaphragms	✓	✓	✓	✓	2'-9"
RAISED UPPER DECK BHD. FOR Bridge, Forward Bulkhead ...	✓	30	3 x 30 O.A.	30"	Stitch. 4 x 8.	5'-0" x 4'-0"	15"	7'-0"
Forecastle Bulkhead ...	30	25 centre	35 flanged with 4 x 6 x 9/16 with intermediate 1/2 x 3/8 thick. to transverse.	30"	Welded	✓	✓	2'-9"
Trunk, Aft ... SIDE ...	35	✓	11 x 35 flat 4 x 3/8 B.A. long	28"	Bracketed	See particulars of hatchways.	✓	✓
Trunk, Forward ... TOP ...	35	35 x 40	✓	✓	✓	✓	✓	✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	Not exposed	✓	✓	✓	✓	✓	✓	✓
Exposed Machinery Casings on Superstructure Decks ...	✓	✓	✓	✓	✓	✓	✓	✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	✓	✓	✓	✓	✓	✓	✓	✓
Deckhouses on Flush Deck Ships ...	✓	✓	✓	✓	✓	✓	✓	✓

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

Poop Bulkhead ...	Steel hinged W.T. door, operated from both sides.
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead	✓
RAISED UPPER DECK BHD. FOR Bridge, Forward Bulkhead ...	✓
Forecastle Bulkhead ...	40 steel plate cover secured by hook bolts spaced 12" apart.
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 on Flush Deck Ships ...	✓

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



Particulars of Companionways:— To crew accommodation - in house on poop deck (forward), wood door 4'9" x 1'10", operated from both sides, sill 15" above deck, and in house on poop deck (aft), wood door 4'9" x 1'10", operated from both sides, sill 18" above deck.
Main pump room entrance on trunk top of steel, strongly constructed. Opening in after end, 4'6" x 2'0", sill 18" above trunk top. Steel hinged w.t. door, operated from both sides.

Hole Deck 2 @ 6" dia. C.V. to Hole. Boreings 18" x 30".
Raised Upper Deck 2 @ 10" dia. C.V. to large Hold. Boreings 36" x 32".
Poop Deck. 2 @ 22" dia. C.V. to Storehold. Boreings 44" x 40"
 18 @ 6" dia. secant-down Mushroom Vents to crew spaces. Boreings 6" x 30".
 2 @ 5" dia. S.N.V. to Steering Gear space. 18" high to opening.
 1 @ 5" " " " Living Room. " " " "

All cow vents constructed to Rule requirements & fitted with wood plugs & canvas covers.

Side Deck. 1 @ 4" dia. to Fore Peak. 18" high to opening.
Raised Upper Deck 2 @ 4" dia. to Keel Tank. 18" high to opening.
 2 @ 4" dia. to For.^d Cofferdam. 18" high to opening.
Trunk Top 2 @ 3" dia to After Cofferdam 18" high to opening.
 2 @ 3" dia. to O.H. Tank, opening 8'6" above Trunk top; secured to poop front.
Poop Deck 2 @ 2" dia. to Feed Water Tank 18" high to opening.
 2 @ 4" dia. to Aft Peak. 18" high to opening.

Air pipes to Oil Tank ^{discharge} fitted with gauge; manholes provided with wood plugs or canvas covers.

None.

EMPIRE BELGRAVE

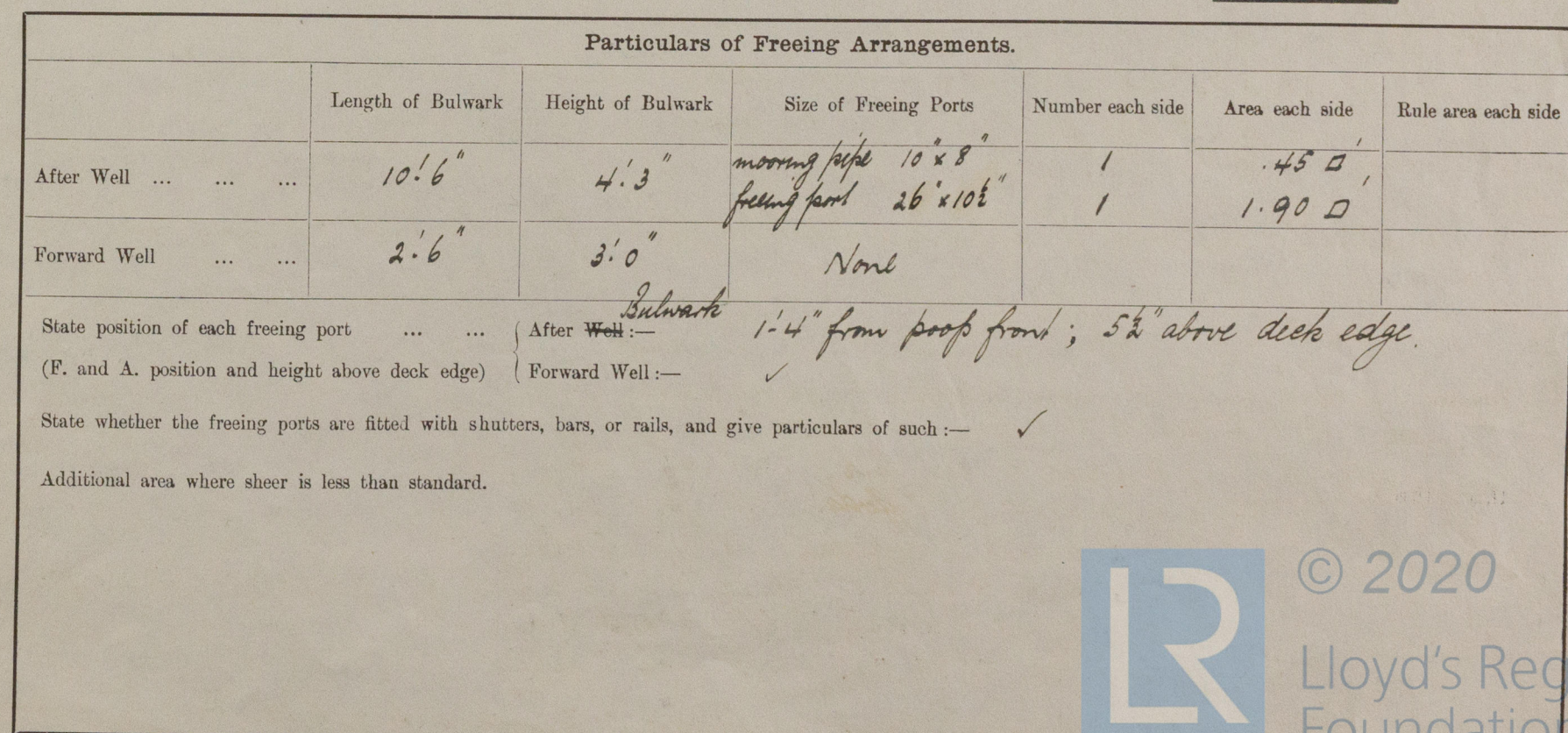
Scuppers from poop deck led through ship's side above R. 2. Lth
 Scuppers from R. 2. Deck led to E. Rm. bilge; fitted with screwed plugs at upper deck.
 Scuppers from V.C.'s & washplaces on R. 2. Lth led to overboard discharge from washbasins.
 Discharges from V.C.'s and washplaces on R. 2. Lth led through ship's side below R. 2. Lth & fitted
 with double storm valves at outlets. Storm valves of fabricated mild steel, galvanized.
 Scuppers from steering gear space on R. 2. Lth led through deck to W.T. compartment abaft
 aft peak (drained by hand pump)

In coop. 10" dia.
 Sidelights of substantial construction & fitted with hinged deadlights.

Vertical distance of Sill of lowest Side Scuttle above top of keel *None below foreboard deck.*

Particulars of Guard Rails:—				
<u>Edle Beck</u>	Open rails,	3' 6" high,	with 3 rods,	stanchions 4' 0" to 5' 6" apart.
<u>Raised 4. N^o 1st</u>	" "	" "	2 "	4' 0" "
<u>Upper Road</u>	" "	" "	3 "	4' 6" to 5' 0" "
<u>Trunk Rd.</u>	" "	" "	2 "	4' 0" to 4' 6" "
<u>Loop Road</u>	" "	" "	3 "	4' 6" "

gangway between Poop & Bridge House (starb'd side)



PARTICULARS OF PROTECTION TO OPENINGS, ETC.

		HATCHWAYS ON FRIBBOARD ^{RAISED UPPER DECK} AND SUPERSTRUCTURE DECKS.								
		<i>To chain locker</i>	<i>To cargo hold</i>	<i>To pump room</i>	<i>To fore hold</i>	<i>To cargo oil tanks</i>	<i>To after hold</i>	<i>To pipe duct</i>	<i>To stores</i>	
Description of Hatchway ...										
Dimensions of Hatchway ...		2'0" x 1'4"	3'9" x 5'0"	2'0" x 2'0"	1'11" x 1'3"	2'6" x 2'6"	1'11" x 1'3"	3'6" x 2'6"	2'3" x 2'1"	
COAMINGS	Height above Deck ...	boaming	boaming	boaming	boaming	boaming	boaming	(opening in trunk top)	boaming	
	Thickness ...	9 x 3 x .40	9 x 3 x .40	9 x 3 x .40	9 x 3 x .40	10 x 3 x .44	9 x 3 x .40	2'1" x 1'2"	19" high	
	Stiffeners ...	B.A.	B.A.	O.A.	O.A.	B.A.	O.A.		x .40	
	Brackets, Stays ...				welded		welded		thick	
HATCH BEAMS	Number ...		40 steel	25 steel	to on.	50 steel	to on.	18" high	Steel	
	Spacing ...		plate cover secured by toggles	plate cover secured by toggles	plate cover secured by tap	plate cover secured by toggles	plate cover secured by tap	plate cover secured by tap	plate cover secured by toggles	
FORE AND AFTERS	Number ...		14" apart.	15" apart.	3 1/2" apart.	13" apart.	3 1/2" apart.	30" thick	18" apart.	
	Spacing ...									
HATCH COVERS	Material ...									
	Thickness ...									
Spacing of Cleats ...		12"-15"								
Number of Tarpaulins ...		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? ☒

At chain locker hatch - yes

" " " " - yes.

Particulars of any special features:—

Endorsement at first survey and at surveys for renewal of Certificate:—

The fittings and appliances are in accordance with the particulars shown on this form (or as now modified) and are in good condition.



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