

Lloyd's Register of Shipping.

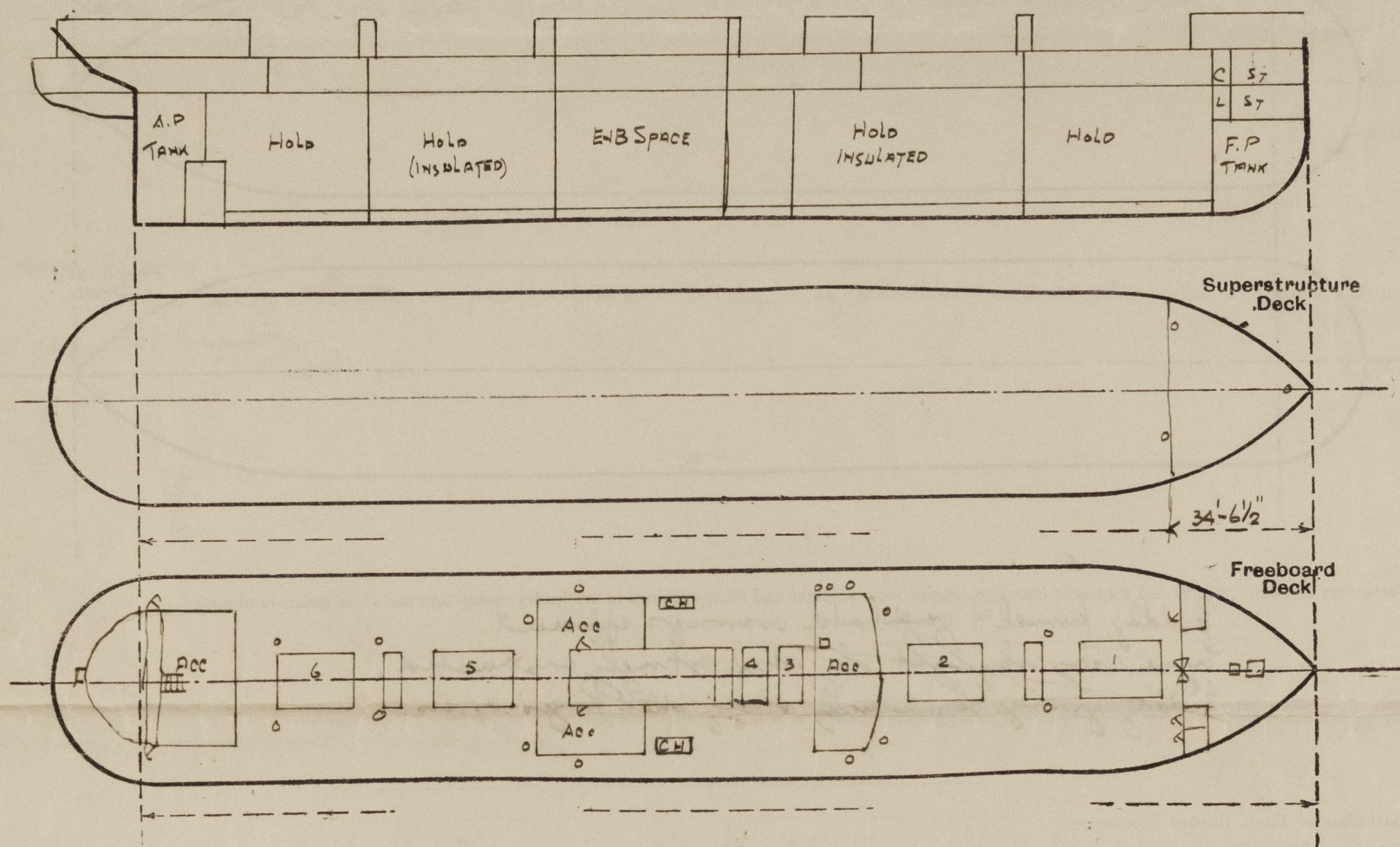
SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

GRK. REPORT N° 21880.

Ship's Name **EMPIRE GALAHAD**Port of Survey **GREENOCK.**Official Number **168985**Surveyor's Signature **Kenneth Inglis**Nationality and Port of Registry **BRITISH, GREENOCK**Date of Survey **WHILE BUILDING.**

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



Particulars of Superstructures, Trunks, Casings, Deckhouses.

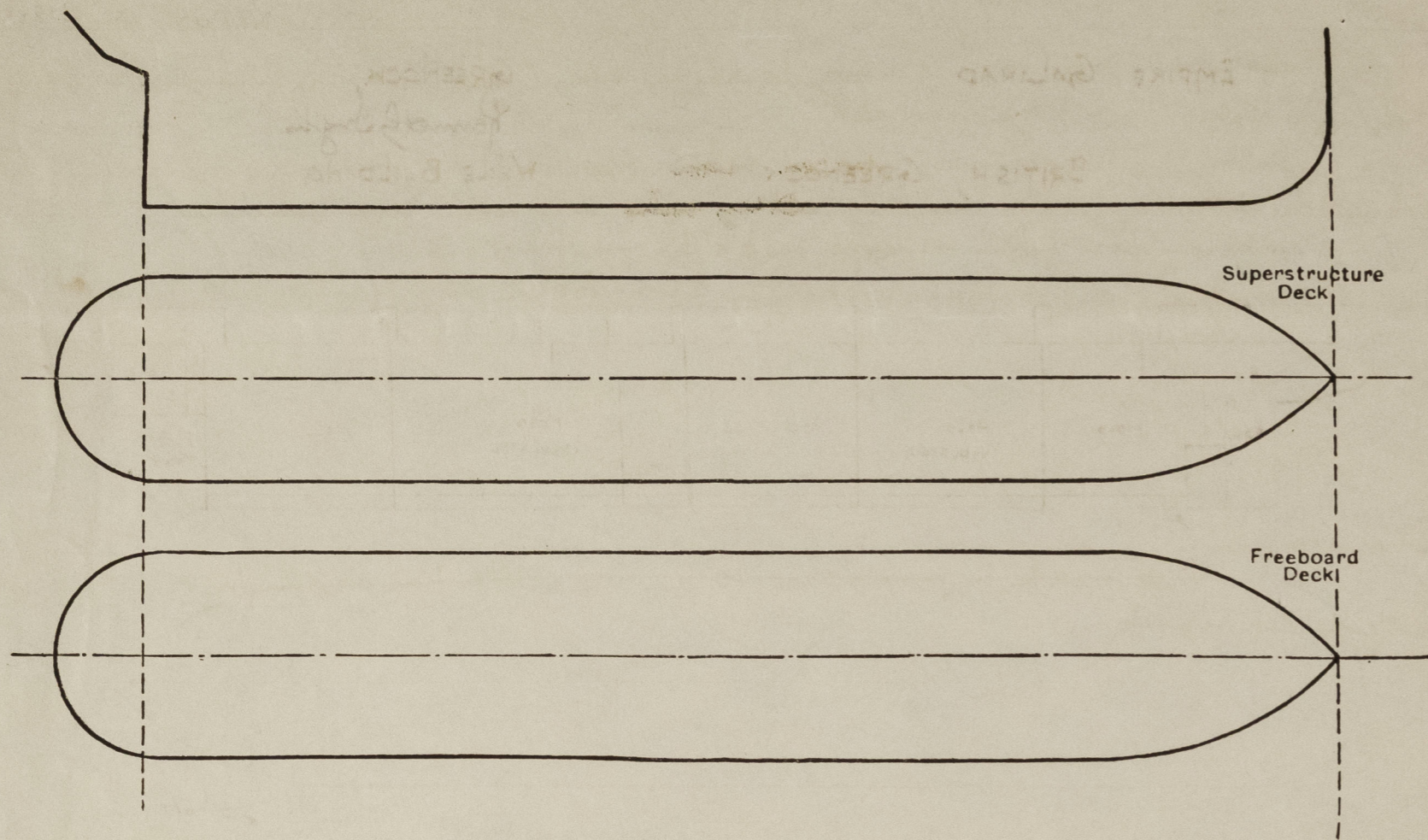
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead								
Raised Quarter Deck Bulkhead ...								
Bridge, After Bulkhead								
Bridge, Forward Bulkhead								
Forecastle Bulkhead	30	30	5 x 3 x 5/16	30"	NONE	3 @ 5' x 2'-3" 1 @ 5' x 4'-1"	18"	7'-6" ✓
Trunk, Aft								
Trunk, Forward								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	34	30	3 1/2 x 3 x 40	31	BOLTS AT TOP GHTS AT BOTTOM.	2 @ 5' x 2'	21"	7'-6" ✓
Exposed Machinery Casings on Superstructure Decks ...								
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	34	26	3 x 3 x 30	27"	BOLTS AT TOP	2 @ 5' x 2'-3"	18"	7'-6" ✓
Deckhouses on Flush Deck Ships ...								

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 ...	STEEL PLATE FITTED WITH HOOK BOLTS NOT PASSING THIRD B TH BOLTS 15" APART ✓ AND ONE STEEL DOOR, WORKABLE FROM BOTH SIDES AND TWO HARDWOOD DOORS. ✓
Exposed Machinery Casings on Superstructure Decks ...	STEEL DOORS WORKABLE FROM BOTH SIDES. ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	STEEL DOORS WORKABLE FROM BOTH SIDES. ✓
Deckhouses on Flush Deck Ships ...	

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, ventilators, companionways, etc., which would affect the seaworthiness of the ship:—



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

Fiddley, furred & ventilator coverings efficient.
byie room skylight of steel strongly constructed.
Fiddley gratings closed with strong steel hinged covers.

Particulars of Flush Bunker Scuttles:—

None.

Particulars of Companionways:— Enhance to accommodation:- in port from deckhouse fitted with hardwood doors

5 x 2 with coaming 22" above steel deck.
 Held to the annular inside saloon having hardwood doors with 16" coaming ✓
 Comparison to other defense personnel aft of #6 hatch having hardwood door with coaming 22" above deck ✓
 Entrance to holds from substantially constructed mast houses having steel doors with 21" coaming
 two hatches in each mast house ✓

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

Deck		Material	Dimensions	Notes
1	Starboard	Plank	18" x 40'	All ventilators built in accordance with the British's rules & provided with wood plugs & canvas covers.
1	Port	Plank	10" x 32'	
14	Upper Deck	Plank	18" x 40'	✓
2	"	Plank	8" x 30'	
6	"	Plank	8" x 30'	✓
4	"	Plank	10" x 32'	
4	"	Plank	9" x 32'	✓
2	SN	Plank	6" x 36' high	
2	Crucel	Plank	12" x 34'	✓
2	"	Plank	6" x 30'	
2	"	Plank	6" x 30'	✓
2	"	Plank	10" x 32'	
2	"	Plank	15" x 38'	✓
1	"	Plank	6" x 30'	

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

Particulars of Air Pipes in Exposed Position on Deck	Material	Size	Height
Sh 1-3" dia to fire peak tank	Double bottom	18" high	
Sh 1-4" " " "	"	18" high	
Upper deck 8-3" " " "	"	30" high	
4-2½" " " "	"	"	
2-3½" " " "	"	"	
6-4" " " "	"	"	
2-2½" " " "	coffer dam	"	
2-3" " " "	off peak tank	"	

All air pipes furnished with wood plugs

EMPIRE GALAND.

Particulars of Gangway Cargo and Coaling Ports:—

None ✓

Particulars of Scuppers and Sanitary Discharge Pipes:— Sanitary discharges from upper deck led overboard & fitted with storm valves 6' 0" below upper deck. ✓
Sanitary discharges from spaces below upper deck led overboard above second deck and fitted with two Automatic non return valves, both valves being accessible. ✓
3" pipe scuppers fitted to upper deck & led overboard. ✓
No sanitary nor scupper discharges led overboard below second deck. ✓

Particulars of Side Scuttles:—

Particulars of Side Scuttles:—
Side scuttles in poop space 10" dia of substantial construction, & fitted with hinged deadlights.

Vertical distance of Sill of lowest Side Scuttle above top of keel 37'-0" ✓

Particulars of Guard Rails:— Upper deck 3 rails 3'-6" high stanchions about 5'-0" apart except in way of deckhouse amidships where steel bulwark substantially constructed is fitted six freeing ports. 3'-0" x 1'-6" (with steel rod) are cut on each side of vessel. ✓
Forecastle deck 2 rails & stanchions 3'-3" high stanchions about 5'-0" apart

Particulars of Gangways, Lifelines, etc. :—


Lifelines furred all fore & aft on both sides of vessel.

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						
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.



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PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.										
Description of Hatchway		No 1	No 2	No 3	No 4	No 5	No 6			
Dimensions of Hatchway		31'6" x 20'	31' x 20'	10'4" x 20'	10'4" x 20'	26'5" x 20'	31' x 20'			
COAMINGS	Height above Deck	30	30"	30	30"	30"	30			
	Thickness { Sides Ends	.44	.44	.44	.44	.44	.44			
	Stiffeners	7 x 3 3/8 BAAT ENDS	3	1	1	3	7 x 3 3/8 BA			
	Brackets, Stays	2 1/2" DIA SIDES 2 1/2" DIA ENDS	2 1/2	2 1/2	2	2	2 1/2			
HATCH BEAMS	Number	5-3"	5-2"	5-2"	6-5 1/2 x 3-10 1/2	4-8 3/4	5-2"			
	Spacing	18 1/2 x 36	44 1/2 x 40	17 3/4 x 35	17 3/4 x 35	44 1/2 x 40	16 3/4 x 36			
	Scantling and Sketch	5 x 3 x 3/8 Dble Angls	3 x 3 x 3/8 Dble	5 x 3 x 3/8 Dble Angls	5 x 3 x 3/8 Dble	3 x 3 x 3/8 Dble	5 x 3 x 3/8 Dble Angls			
	Bearing Surface	3	3	3	3	3	3			
FORE AND AFTERS	Number	COAMINGS THUS:-								
	Spacing	12 x 3 1/2 x 50 BA								
	Unsupported Lengths	10 x 3 1/2 x 44 BA								
	Scantling* and Sketch	12 x 3 1/2 x 50 BA								
HATCH COVERS	Material	W.P.	W.P.	W.P.	W.P.	W.P.	W.P.			
	Thickness	2 1/2	2 1/2	2 1/2	3"	2 1/2	2 1/2			
	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	24	24	24	24	24			
Number of Taraulins		2	2	2	2	2	2			

SMALL HATCHES.
 FORE PEAK STORE 4' x 3' UNDER FORECASTLE
 CHAIN LOCKER 2'6" x 2'0" 9" B.A. COAMING 2 1/2" WOOD COVERS
 CLEAR ONE TARPULIN.
 COAL HATCH 15'6" x 5'0" COAMING 30" x 40" STIFFENED BY
 3/2 x 2 1/2 ANGLS ATTACHED TO BEAMS
 2 1/2" WOOD COVERS CLEATS 24" APART
 2 TARPULINS.
 COAL HATCH ON CASING TOP 5'2" x 18'0"
 COAMING 15" x 44.
 2 1/2" WOOD COVERS CLEATS 24" APART
 TWO TARPULINS
 W. HATCH TO MAGAZINE 2' x 2'
 COAMING 9" x 40" WITH W.T COVER
 FITTED WITH RUBBER SECURED BY TUGGLES
 4 ESCAPE HATCHES 2' x 2'
 9" B.A. COAMINGS FITTED INSIDE
 MAST HOSES 2 1/2" WOOD COVERS CLEATS
 ONE TARPULIN

NOTE. NOS 2 & 5 HATCHES INSULATED.

*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? ☒

Particulars of any special features:—

The scantlings are suitable for a draught 18" in excess of that corresponding to the freeboard which could be assigned to the vessel with a tonnage opening.
 The openings in the tween deck bulkheads are closed as efficiently as required by the S. M. S. R. Memo dated. 21-3-40 (MS. 1835).

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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Foundation