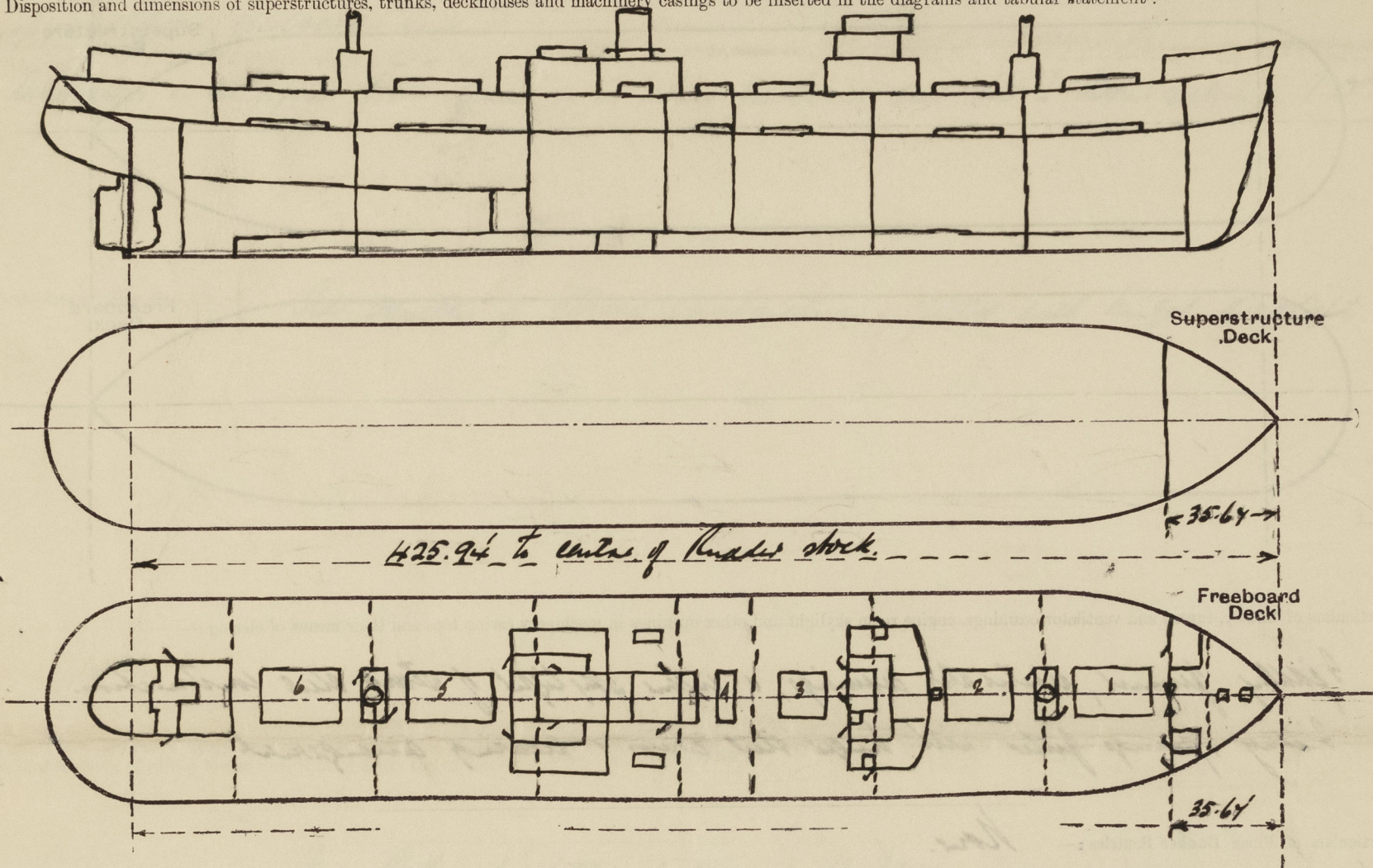


Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.
(CONDITIONS OF ASSIGNMENT.)

Ship's Name	"EMPIRE FLAG"	Port of Survey	NEWCASTLE-ON-TYNE
Official Number		Surveyor's Signature	<i>Altham</i>
Nationality and Port of Registry	British. Newcastle.	Date of Survey	During construction.

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



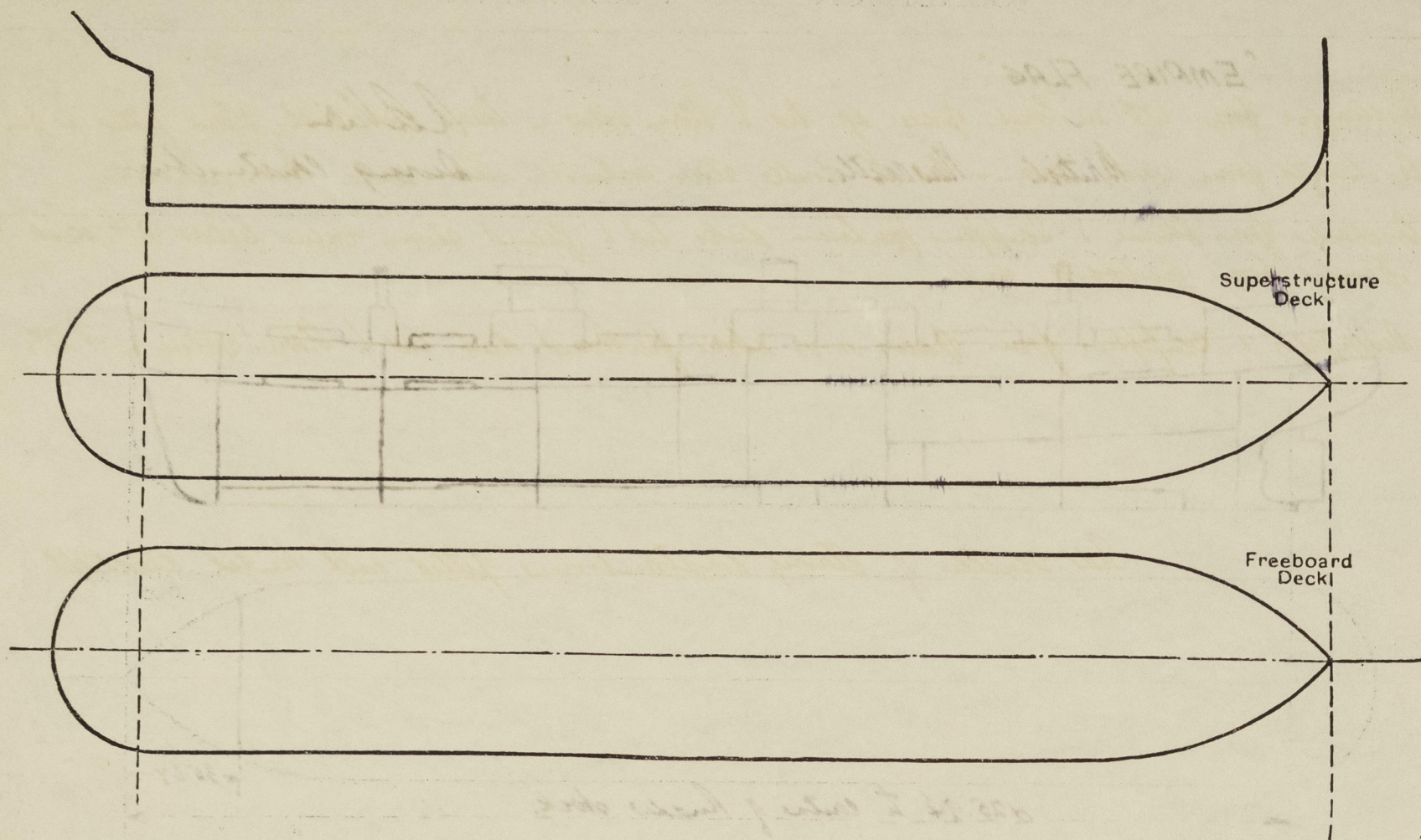
Particulars of Superstructures, Trunks, Casings, Deckhouses.								
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead	✓							
Raised Quarter Deck Bulkhead ...	✓							
Bridge, After Bulkhead	✓							
Bridge, Forward Bulkhead	✓							
Forecastle Bulkhead30	.30	4 x 3 x .32 L	30"	Reinforced to Trans. Trans.	1 @ 5' 0" x 4' 0" 2 @ 5' 0" x 2' 3"	12"	6' 9"
Trunk, Aft	✓							
Trunk, Forward	✓							
Exposed Machinery Casings on Freeboard or Raised Quarter Deck35	.30	3 1/2 x 3 x .40 L	31"	Plated at top	1 - P.S. 4' 9" x 2' 3"	22"	7' 9 1/4"
Exposed Machinery Casings on Superstructure Decks	✓							
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	✓							
Deckhouses on Flush Deck Ships	.34	.30	5 x 3 x .35 with 4 x 3 x .35 P.S.	34"	Plated T.B.	2 @ 4' 6" x 22"	24"	7' 6"
	.25	.25	5 x 3 x .35	36"	do.	1 @ 4' 0" x 4' 0"		
	.25	.25	5 x 3 x .30	30"	-			

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	1 - Port side steel plate secured by both bolts one 12' apart. 2 - H. Steel door operated both sides
Exposed Machinery Casings on Freeboard or Raised Quarter Deck ...	1 - H. Steel door (P.S.) 4' 8" x 27" operated both sides
Exposed Machinery Casings on Superstructure Decks	✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	✓
Deckhouses on Flush Deck Ships	2 - H. Steel W.T. doors - 1 H. Steel door in hulls mechanically operated both sides

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:—

Rebbling, jacking, winter steel casings, & begins the light of strong steel construction.
Ridging openings fitted with hinged steel covers & securing arrangement.

Particulars of Flush Bunker Scuttles :—

How.

Particulars of Companionways:—
 Access to No 1 Hold, T.D. in forward reft. wing. houses. Hinged steel h.t. doors 3'6"x18". Sills 20". Access to No 2 Hold T.D. through 2'2" x 2' hatch at aft. end No 2 Hold, forming 9'x140 with hinged steel h.t. cover, secured by turn buckles. Access to No 3 Hold T.D. through 23" x 23" hatch between No 3 & No 4 Hold covers with hinged steel h.t. cover secured by turn buckles, forming 23'x140. Access to No 4 Hold T.D. in fore and aft bulkhead through H. steel 4'4" doors 3'6"x18". Sills 20". Access to No 5 Hold T.D. through hatch at fore end of No 5 hold forming 9'x140 with H. steel h.t. cover secured by turn buckles. Access to tank aft. in steel deck above H.S. down 5'x2". Sills 21". Door opened from both sides. Escape from tank aft. through 20" dia. admiralty pattern Particulars of Ventilators in exposed positions on freeboard and superstructure decks:—
 Shuttle h.t. forming 6' high.

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

Went swimming on Fri. & returned dusk found 2 L. 36" High

vent openings on prebuccal duct, diam. $\frac{1}{16}$ 3rd high.

Next camp on West House Top 27° High

Unit 1000 is casing to 21' high.

Drawings of Rule Plantings & constructed to Rule Requirements & closed with wood plugs for canvas covers. ✓

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

All air pipes on foreboard deck 36" in height.

Closed by canvas covers on gauge shown at mouth.

EMPIRE FLAG

Particulars of Gangway Cargo and Coaling Ports:—

None.

Particulars of Scuppers and Sanitary Discharge Pipes :—

Discharges from W.T. in low stage approx. to storm value in times such as with storm fitted as per.

Discharges from wash basins led to double storm values in Tuen ducks. Both acceptable.

Discharge from Shore & Tappan from two decks let 1/2 flared stem valve below 2nd deck
springs from foreboard deck.

Discharges & shippers from spaces on or above fireboard deck. List L. State values in T.D.

Particulars of Side Scuttles :—

The clutter of strong construction, jettied and hinged daylight.

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

34.6" approx.

Particulars of Guard Rails :—

Particulars of Guard Rails:— Steel Bulwark fitted in way of Middleburg accommodation. Remains clean & clear on the side. Rails 3' 6" in height - 3 rods in height - Strichins about 4' 6" apart. ✓

Particulars of Gangways, Lifelines, etc. :—


Life lines fitted forward, aft. of midship deck house with
hand holds in way of deck houses. ✓

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.

rubber duck.

lashing top

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.

Description of Hatchway		No. 1.	No. 2, 3, 5, 6	No. 4.	Coal P.S.	Fore Peak Stays.	Chain locker	Long
Dimensions of Hatchway		31'6" x 20'	31' x 20'	12'11" x 20'	15' x 5'	4' x 3'	2' x 2'6"	5'2" x 20'
COAMINGS	Height above Deck	30"	30"	30"	30"	9'6"	9'6"	9
	Thickness { Sides	.45	.45	.45	.44	.40	.40	.40
	Ends	.40	.40	.40	.44	.40	.40	.40
	Stiffeners	7.3 x 4.0	8.3 x 4.5	7.3 x 4.0	7.3 x 3.5	-	-	-
Brackets, Stays		3	3	1	1	-	-	-
HATCH BEAMS	Number	5	5	1	-	-	-	-
	Spacing	5'3"	5'2"	6'5"	-	-	-	-
	Scantling and Sketch				-	-	-	-
	Bearing Surface	18 1/2 x 36	16 1/2 x 36	14 1/2 x 38	-	-	-	-
FORE AND AFTERS	Number	-	-	-	-	-	-	-
	Spacing	-	-	-	-	-	-	-
	Unsupported Lengths	-	-	-	-	-	-	-
	Scantling* and Sketch	-	-	-	-	-	-	-
Bearing Surface		-	-	-	-	-	-	-
HATCH COVERS	Material	O.P.	O.P.	O.P.	O.P.	O.P.	O.P.	O.P.
	Thickness	2 1/2	2 1/2	3	2 1/2	2 1/2	2 1/2	2 1/2
	How fitted	F.P.D.	F.P.D.	F.P.D.	O.P.S.	O.P.S.	F.P.D.	F.P.D.
	Bearing Surface	3"	3"	3"	2 1/2	2 1/2	2 1/2	2 1/2
Spacing of Cleats		24"	24"	24"	24"	24"	16"	20"
Number of Tarpaulins		2	2	2	2	2	2	2

*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*

Locking bars fitted to No. 1 hatchway.

Particulars of any special features:—

The drawings of this vessel have been approved for an extreme draft of 26'9"

Deep loading desired.

1. Efficient locking bars are fitted to the No. 1 Hatchway on the Rubber duck.

1. Rubber duck divisional bulkheads are either intact or fitted with Hinged Steel W.Y. doors.

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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