

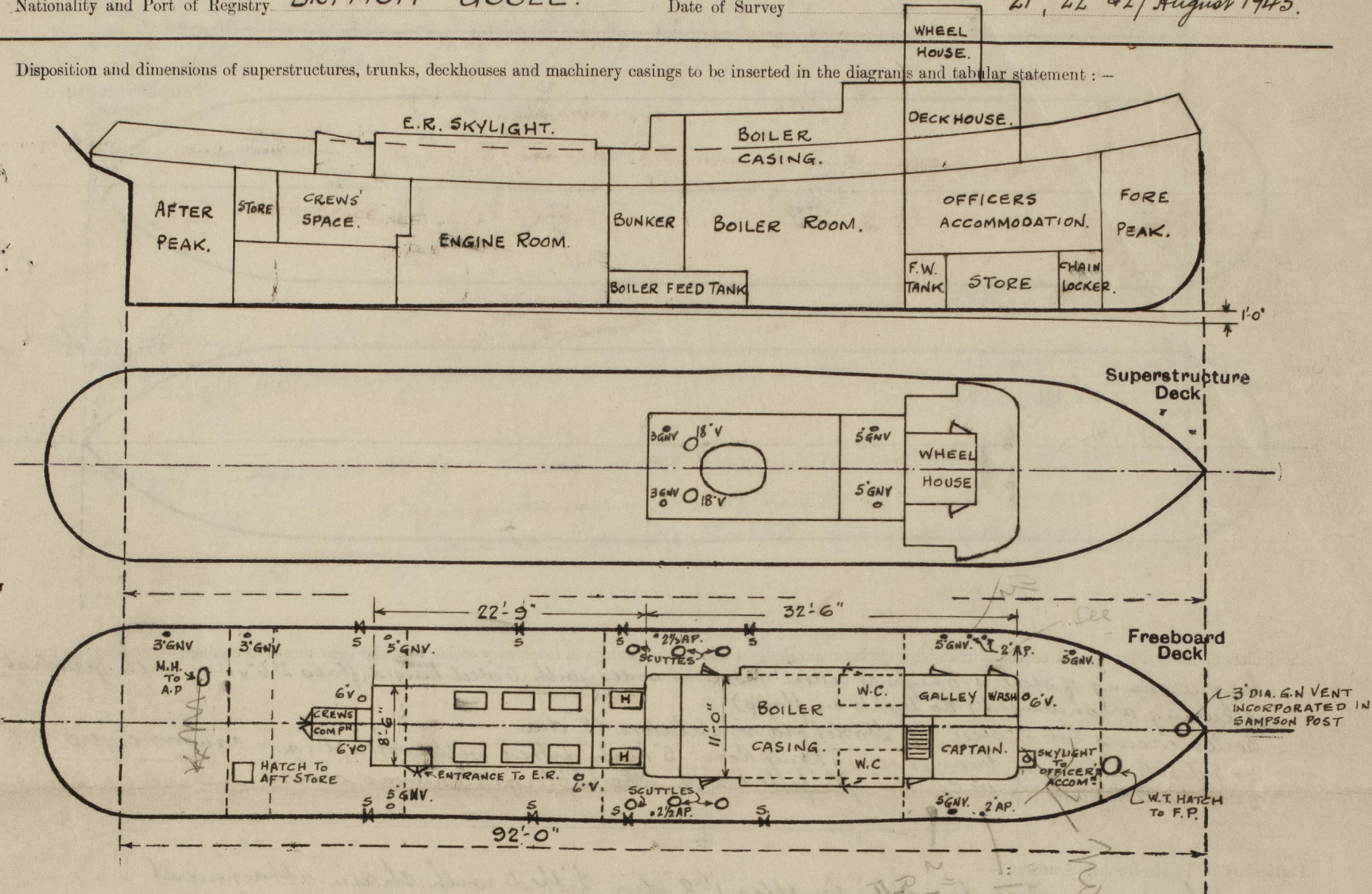
Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Ship's Name Empire Seraph. Port of Survey NEWCASTLE-ON-TYNE
Official Number 169077 Surveyor's Signature Joseph H. Johnson.
Nationality and Port of Registry BRITISH GOOLE. Date of Survey 21st, 22nd & 27 August 1945.

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.

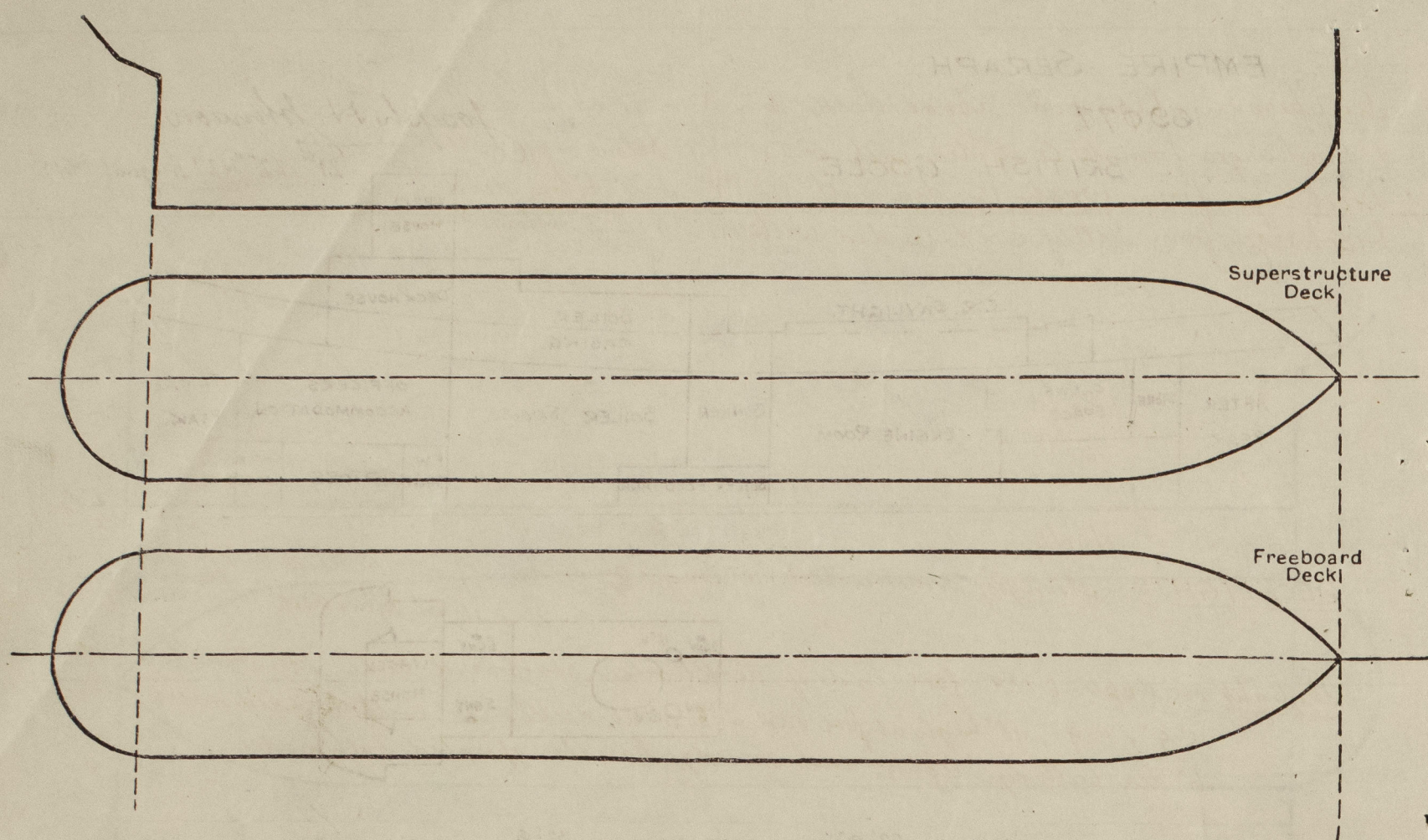
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead		✓						
Raised Quarter Deck Bulkhead ...		✓						
Bridge, After Bulkhead		✓						
Bridge, Forward Bulkhead		✓						
Forecastle Bulkhead		✓						
Trunk, Aft		✓						
Trunk, Forward		✓						
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	30	30	3 x 2 1/2 x 26	21"	Bracket at Head Rivet thro bar at bottom		FR. 14" R.R. 16"	
Exposed Machinery Casings on Superstructure Decks		✓						
Machinery Casings within Superstructures not fitted with Class I Closing Appliances		✓						
Deckhouses on Flush Deck Ships ...	30	26	3 x 2 1/2 x 26	21"	- do -		16"	

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 ...	Double steel doors & cover to Engine Room, operated both sides. 2 Steel doors to boiler casing 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 ...	5 steel doors 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 fiddle, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:—

Engine casing of steel 4'-0" high at centre & 3'-0" at sides with 6 steel hinged flaps 1'-6" x 1'-9" with quadrat securing arrangement (No lights in flaps).
Boiler casing top of steel. 2 Stokhold ventilators 18" dia.
2-3" dia G.N. Vents to drying Room & Lamp Room 5" high fitted with wood plugs & canvas covers.
2-5" dia G.N. Vents to W.C. 11" high fitted with wood plugs & canvas covers.

Particulars of Flush Bunker Scuttles:—

6 cast steel bunker scuttles 1'-8" dia fitted with chain attachment.

Particulars of Companionways:—

To crew space.
Constructed of steel, abaft E.R. skylight with sliding top & double doors.
operated both sides. 1'-3" dia.

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

1-3" dia G.N. Vent to after peak 1'-7" high from deck to mouth.
1-3" dia G.N. Vent to aft store 1'-7" high from deck to mouth.
2-5" dia G.N. Vents to crew space 1'-8" high from deck to mouth.
2-6" dia cowl vents to crew space coaming 3'-2" high.
1-6" dia cowl vent to engine room (starboard side) coaming 2'-6" high.
1-6" dia cowl vent to Officers Accommodation coaming 3'-0" high.
3-5" dia G.N. Vents to Officers Accommodation 1'-8" high deck to mouth.
1-3" dia G.N. Vent incorporated in forward sampson post 2'-7" high deck to mouth.

wood plugs & canvas covers.

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

2-2 1/2" dia air & filling pipes to Boiler Feed Tank. 1'-5" high deck to mouth.
1-2" dia air pipe to store forward 1'-7" high deck to mouth.
2-2" dia air & filling pipes to Fresh water tank 1'-7" high deck to mouth.

wood plugs & canvas covers.

Particulars of Gangway Cargo and Coaling Ports:—

NONE FITTED.

Empire Seraph.

Particulars of Scuppers and Sanitary Discharge Pipes:—

Scuppers in ships side above deck 6" x 3" - 4 each side.
2 Discharges from W.C. 5" dia with 5" S.V. 1'-7" below upper deck P+S.
Discharge from wash 1 1/4" dia with 1 1/4" S.V. 4'-0" below deck.
Discharge from Galley sink 1 1/4" dia with 1 1/4" S.V. 2'-2" below deck.

Particulars of Side Scuttles:—

NONE.

DECKLIGHTS. Strongly constructed 10" long x 3 1/2" wide - 7 on Fore deck to Officers Accommodation & 4 on After deck to Crews space.

Skylight on upper Deck fore end of deckhouse starboard side, constructed of steel. 1'-9" x 1'-9", 18" high at fore end & 2'-0" at deckhouse with hinged steel cover with 6" dia bulls eye lights, and 2 wedge handles operated both sides.

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

Particulars of Guard Rails:—

Steel strongly constructed bulwark all fore & aft.

Particulars of Gangways, Lifelines, etc.:—

NONE. ✓

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 ... ALL ...	92'-0"	3'-0" from stern to abreast forward end of deckhouse and then gradually rising to 3'-6" at stem.	5'-3" x 6"	4	10.5 sq ft.	12.9
Forward Well ... AFT ...						

State position of each freeing port ... (F. and A. position and height above deck edge) ... } From forward end of Deckhouse to forward end of freeing port.
After Well:— 6'-3", 22'-0", 42'-9", 58'-9"
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.

PARTICULARS OF PROTECTION TO OPENINGS, ETC

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.										
Description of Hatchway				Fore Peak Hatch.	Hatch to Aft Store.	2 BUNKER HATCHES				
Dimensions of Hatchway				1'-10" dia	2'-4" x 2'-4"	2'-8" x 1'-6"				
COAMINGS	{	Height above Deck ...	9"	9"	9"					
		Thickness ...	5/16	5/16	5/16					
		Sides ...								
		Ends ...								
		Stiffeners ...								
		Brackets, Stays ...	✓	✓	✓					
HATCH BEAMS	{	Number ...								
		Spacing ...								
		Scantling and Sketch ...								
		Bearing Surface ...	✓	✓	✓					
FORE AND AFTERS	{	Number ...								
		Spacing ...								
		Unsupported Lengths ...								
		Scantling* and Sketch ...	✓	✓	✓					
		Bearing Surface ...								
HATCH COVERS	{	Material ...	Hinged Steel	Pine wood	Pine wood					
		Thickness ...	1/2"	2 1/2"	2 1/2"					
		How fitted ...	with Toggles and Butterfly	F & A.	F & A.					
		Bearing Surface ...	3"	2 1/2"						
Spacing of Cleats				15"	2 each side					
Number of Tarpaulins				2	2					
<p>*Are wood fore and afters steel shod at all bearing surfaces? <input checked="" type="checkbox"/></p> <p>Are battens and wedges efficient and in good condition? <input checked="" type="checkbox"/> yes.</p> <p>Are tarpaulins in good condition and in accordance with rule requirements? <input checked="" type="checkbox"/> yes.</p> <p>Are lashings provided in accordance with rule requirements? <input checked="" type="checkbox"/></p>										

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.