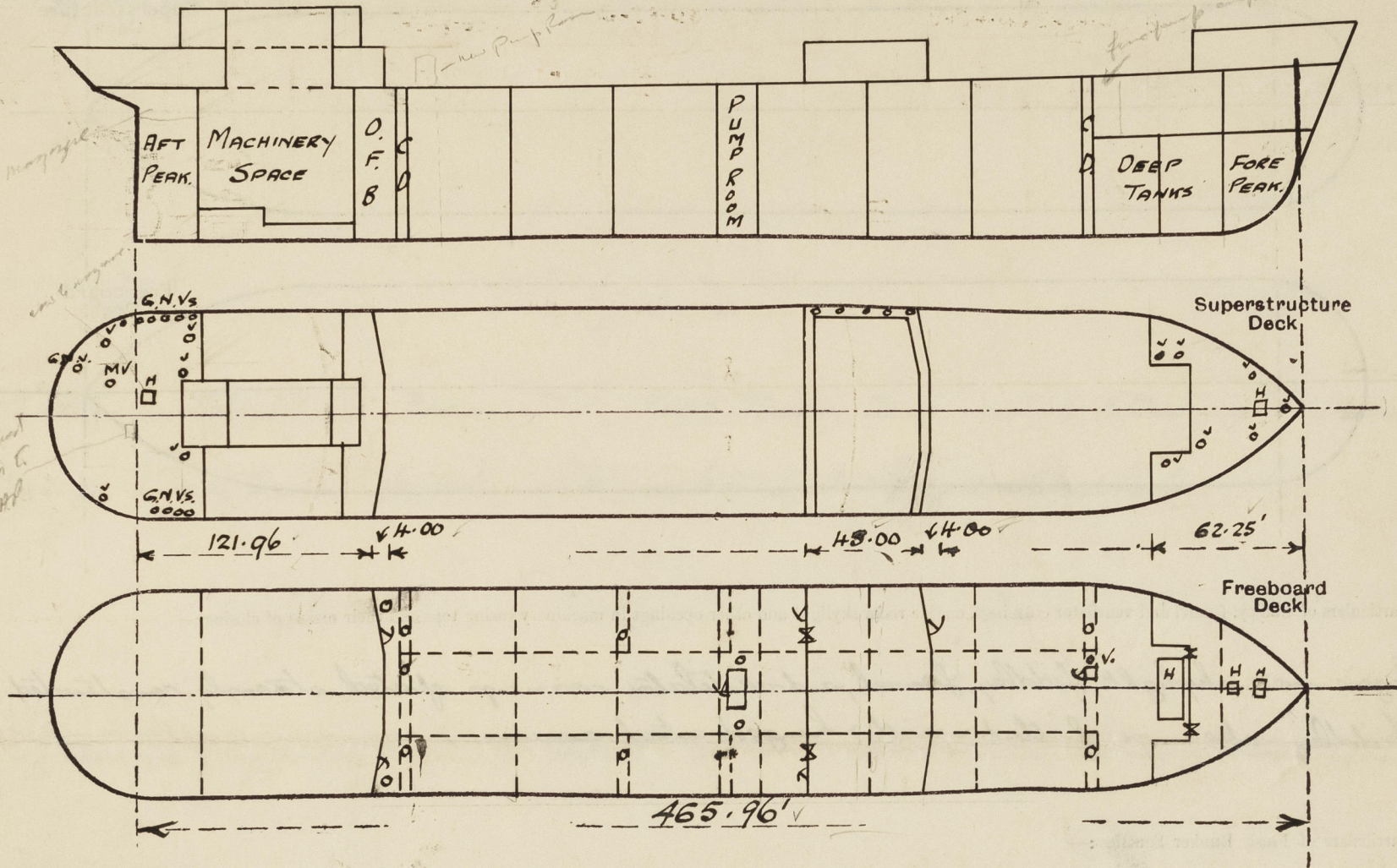


Lloyd's Register of Shipping.  
SURVEYS FOR FREEBOARD.  
(CONDITIONS OF ASSIGNMENT.)

Nº 34467

Ship's Name WAVE KNIGHT  
S.S. EMPIRE NASEBY  
Official Number 180875  
Port of Survey Sunderland  
Surveyor's Signature W. C. Lilla & D. S. Forryth  
Nationality and Port of Registry BRITISH, LONDON. 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 ...	.46	.46	10x3 1/2 x 50 L	24" - 42"	Lugged top welded to deck	4'-6" x 2'-8" 2@	18"	7'-6" ✓
Raised Quarter Deck Bulkhead ...	✓	✓						
Bridge, After Bulkhead ...	.38	.38	5x3 x 3/8 OA	36	Riveted to boundaries	4'-1" x 3'-0 1/2" 2@	18" ✓	7'-6" ✓
Bridge, Forward Bulkhead ...	.44	.44	12x3 1/2 x 45 L	5' - 30" 1/2	Horizontal stiffeners at 30" intervals	4'-6" x 2'-6" 1@	18" ✓	7'-6" ✓
Forecastle Bulkhead ...	.30	.30	5x3 x 30 OA	30" - 36"	Riveted to boundaries	4'-6" x 3'-0 1/2" 2@	18" ✓	7'-6" ✓
Trunk, Aft ...	✓	✓						
Trunk, Forward ...	✓	✓						
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 ...	✓	✓						

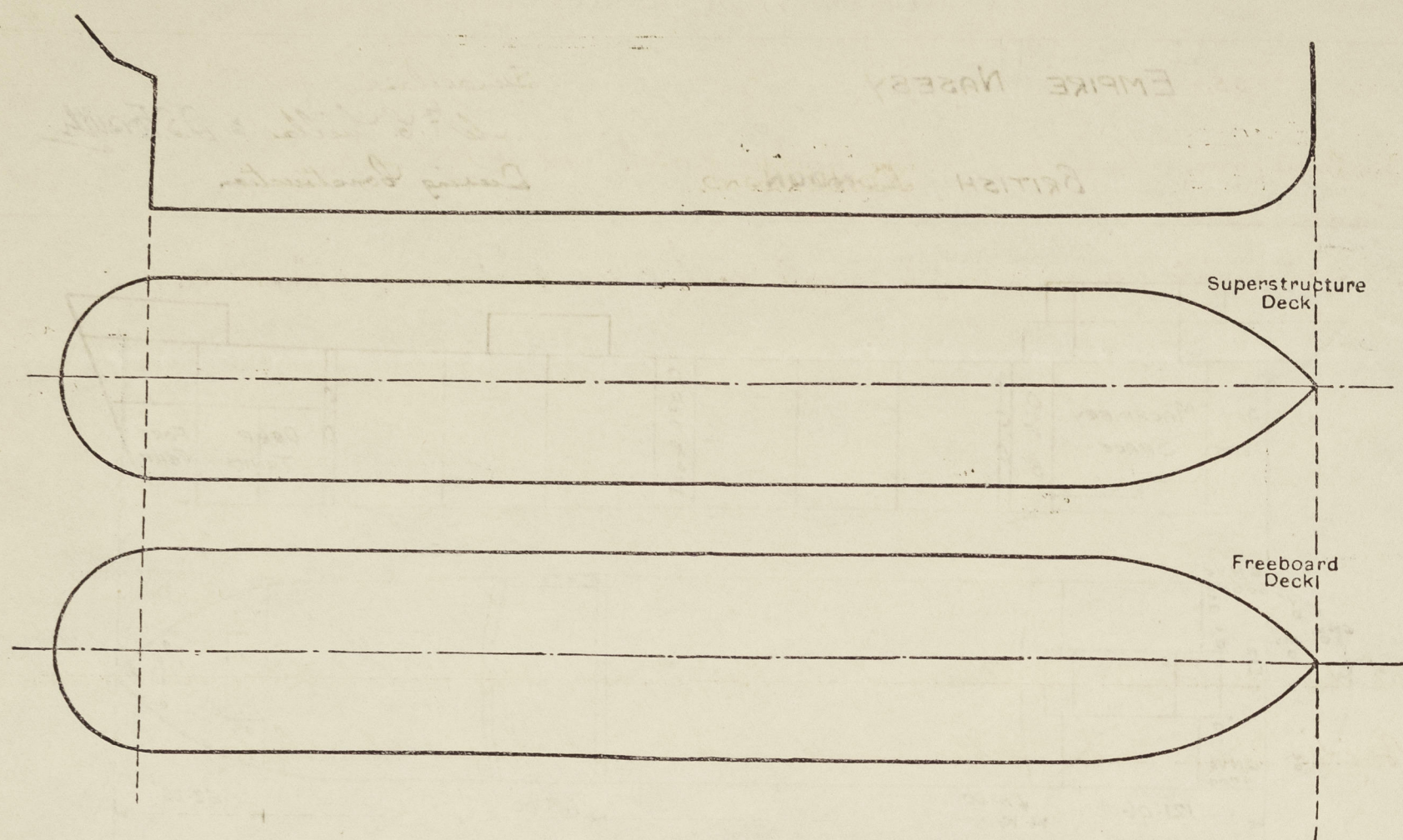
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead ...	Hinged steel W.T. door operated from both sides ✓
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead ...	2 1/2" shifting boards in full height channels. ✓
Bridge, Forward Bulkhead ...	Hinged steel W.T. door operated from both sides. ✓
Forecastle Bulkhead ...	2 1/2" shifting boards in full height channels. ✓
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 ...	✓



# 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 room skylight, fiddle, funnel, and ventilator coamings of steel strongly constructed. ✓  
Fiddle openings fitted with hinged steel covers. ✓

Particulars of Flush Bunker Scuttles:—

NONE.

Particulars of Companionways:— on Upper Deck.

Fore Pump Room Entrance Plating 40, stiff 4x8x36 welded to deck, bracketed top, beams 5" L, ✓  
deck opening 7'0" x 4'7 1/4", steel sky light 5'6" x 4'0" W.T. door 4'6" x 2'3", 6 lozges, 18 coaming.  
Fore Pump Room Entrance Plating 40, stiff 4x40 welded flat, beams similar, deck opening ✓  
4'6" x 2'9", W.T. door 4'0" x 2'3", 6 lozges, 18 coaming. ✓

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

POOP DECK.  
3-6" Vents to Accom. Coaming 30" x 30" above wood or steel deck. ✓  
1-9" " " " 30" x 32 " " " " ✓  
1-16" " " " 30" x 38 " " " " ✓  
1-9" MV. " " 30" x 32 above steel deck. " " ✓  
11-5" G.N.V. " " 21" b lip " " " " ✓

FORE DECK.  
4-10" Vents to Stores, etc. Coaming 36" x 32. ✓  
1-8" 2-6" " " " 36" x 30. ✓  
BRIDGE DECK.  
5-6" MV. Vents to Stores " 30" x 30" ✓  
UPPER DECK.  
1-10" Vent to Fore Pump Room " 36" x 32" ✓  
2-24" " " " " 10-0" x 140" stayed

Ventilator fitted with  
wood plugs and  
canvas covers. ✓

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

Air pipes on Poop & Fore Deck to DB, peak, & deep tanks 18" b lip. ✓  
Air pipes on Upper Deck to Cofferdams 36" b lip. ✓  
Air pipes to O.F. Bunker & After Cofferdam carried up to Poop Deck level. ✓

Air pipes fitted with wood plugs, or gauze & canvas covers. ✓

Particulars of Gangway Cargo and Coaling Ports:—

Wave Knight.

NONE.

Particulars of Scuppers and Sanitary Discharge Pipes:—

Discharge from spaces on & above freeboard deck led to H.R. valves in ✓  
Tracer Decks.

5-5" x 3 1/2" slots cut in stinger angle, each side, to drain freeboard deck. ✓

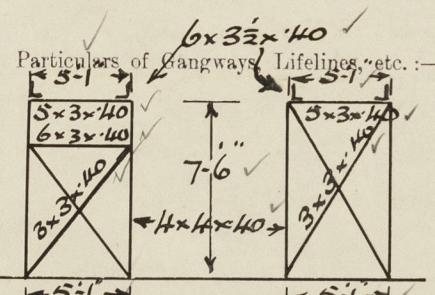
Particulars of Side Scuttles:—

10" dia. sidelights to Accom. in Poop Tracer Deck, and to Stores in Forecastle & ✓  
Bridge Tracer Deck, fitted with substantial hinged deadlights. ✓

Vertical distance of Sill of lowest Side Scuttle above top of keel 40'-6" ✓

Particulars of Guard Rails:—

On Upper, Poop, Bridge, & Fore Deck, rails 3'-6" high, 3 rods, stanchions ✓  
about 5'-0" apart.



Fore & Aft Gangway 17'5" from Poop to Bridge, Start only from Bridge ✓  
to 4'6", 7'-6" in height, 5/16 chequered plating, supports spaced  
8'-1" & 9'-10 1/2" apart, fore and aft bracing 5' off aft, 2' off forward ✓  
Rails at gangway sides 3'-6" high, 2 rods, stanchions  
about 5'-0" apart. ✓

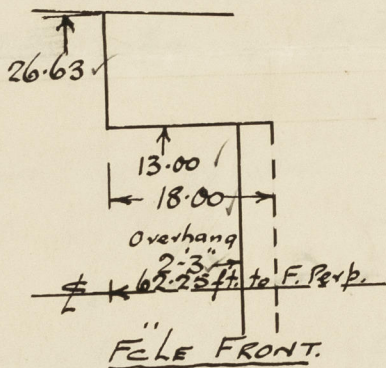
Particulars of Freeing Arrangements.						
Starboard Side F. & A.	Port Side Aft.	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side
After Well ...	✓					
Forward Well ...	✓					
State position of each freeing port ...		After Well:— ✓				
(F. and A. position and 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.		✓				



# PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.			
Description of Hatchway	...	...	UPPER DECK.
Dimensions of Hatchway	...	...	18 O.T. Hatch & Cargo Tanks. Coaming 148" dia. x 10" x 3/4". 40" steel cover, 8 toggles. ✓
COAMINGS	Height above Deck	...	9 Access Manholes & Cofferdams. O.F. Bunker. 23" x 18" x 8" x 40". 50" cover, 5 toggles. ✓
	Thickness	Sides	Hatch to Fore Hold. 9" x 11" x 30" x 40" Coaming, B.A. stiff & 1 bracket sides & 2 brackets ends, ✓
	Stiffeners	Ends	50 Hinged steel cover with 3" x 6" stiff, 18 toggles, ladder hatch in cover ✓
	Brackets, Stays	...	with 1/2" lid and 6 toggles. ✓
HATCH BEAMS	Number	...	Hatch to Store Hold 30" x 30" x 9" x 40". 40" W.T. cover, 8 toggles. ✓
	Spacing	...	Hatch to Chain Locker. 24" x 24" x 9" x 40". 40" W.T. cover, 8 toggles. ✓
	Scantling and Sketch	...	
	Bearing Surface	...	FCLE DECK.
FORE AND AFTERS	Number	...	Hatch to Tween Decks. 30" x 30" x 9" x 40". 40" W.T. cover, 8 toggles. ✓
	Spacing	...	
	Unsupported Lengths	...	
	Scantling and Sketch	...	
POOP DECK.	Number	...	Hatch to Store 27" x 30" x 9" x 40". 40" W.T. cover, 8 toggles. ✓
	Spacing	...	
	Unsupported Lengths	...	
	Scantling and Sketch	...	
HATCH COVERS	Material	...	Hatch to Steering Gear 30" x 30" x 9" x 40". 40" W.T. cover, 8 toggles. ✓
	Thickness	...	
	How fitted	...	
	Bearing Surface	...	
Spacing of Cleats	...	...	
Number of Tarpaulins	...	...	
<p>*Are wood fore and afters steel shod at all bearing surfaces?</p> <p>Are battens and wedges efficient and in good condition?</p> <p>Are tarpaulins in good condition and in accordance with rule requirements?</p> <p>Are lashings provided in accordance with rule requirements?</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.



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