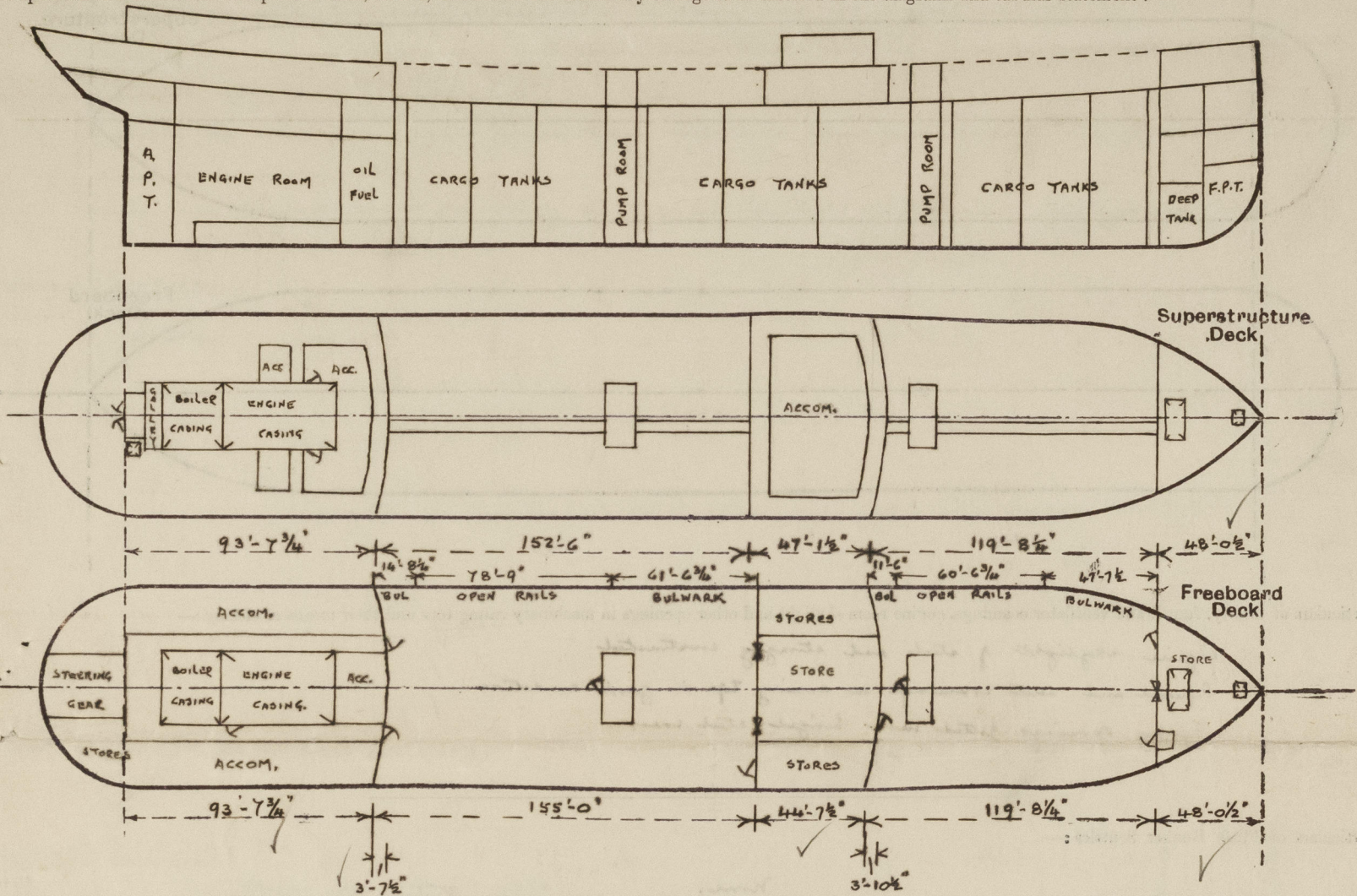


11 MAY 1942

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

Ship's Name	"NASSA"	Port of Survey	GLASGOW.
Official Number	168307	Surveyor's Signature	H. Thomson
Nationality and Port of Registry	BRITISH. LONDON.	Date of Survey	WHILST BUILDING.

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



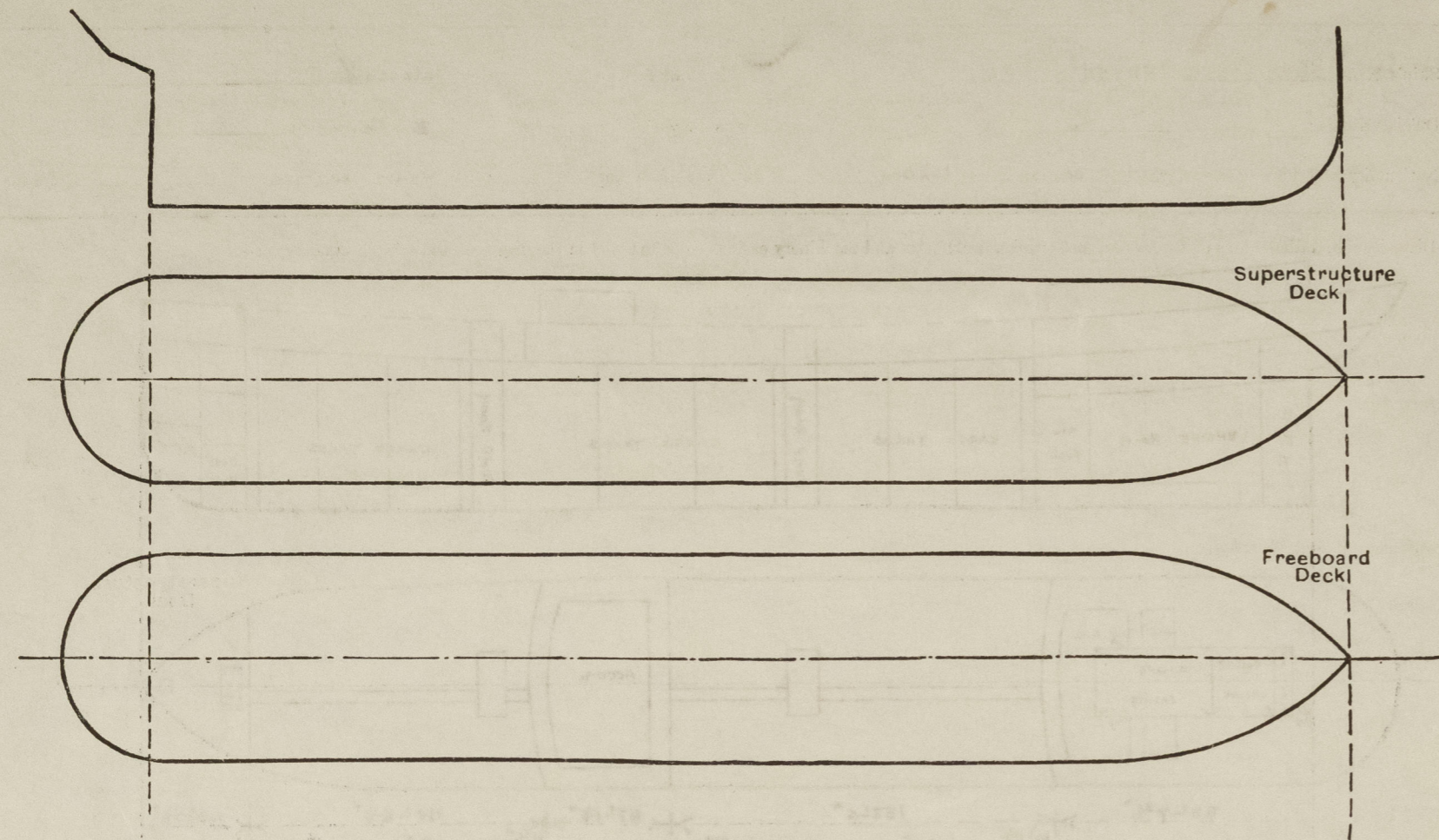
Particulars of Superstructures, Trunks, Casings, Deckhouses.								
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	.44	.44	10 x 3 1/2 x 40 B.A.	30"	LUGGED TOP & BOTTOM	4'-6" x 2'-9"	21" ✓	7'-6"
Raised Quarter Deck Bulkhead ...								
Bridge, After Bulkhead ...	.30	.30	4 x 3 x 32 A ✓	30"	NONE	1 c 4'-6" x 2'-6" 2 c 4'-6" x 3'-6"	18" ✓	7'-6"
Bridge, Forward Bulkhead ...	.44	.44	10 x 3 1/2 x 40 B.A.	30"	BRACKETED TOP LUGS BOTTOM	4'-6" x 2'-9"	18" ✓	7'-6"
Forecastle Bulkhead ...	.30	.30	4 x 3 x 32 A ✓	32"	NONE	2 c 5'-0" x 2'-6" 1 c 5'-0" x 4'-1"	18" ✓	7'-6"
Trunk, Aft ...								
Trunk, Forward ...								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...								
Exposed Machinery Casings on Superstructure Decks ...	.34	.30	2 x 3 x 30 A	30 3/4"	BRACKETED AT CASING TOP	5'-0" x 2'-0"	18" ✓	8'-0" ✓
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. DOORS MANIPULATED FROM BOTH SIDES. ✓
Raised Quarter Deck Bulkhead ...	
Bridge, After Bulkhead ...	1 c HINGED STEEL W.T. DOOR MANIPULATED FROM BOTH SIDES 2 c PORTABLE PLATES SECURED WITH HOOK BOLTS NOT PASSING THROUGH BULKHEAD ✓
Bridge, Forward Bulkhead ...	HINGED STEEL W.T. DOOR MANIPULATED FROM BOTH SIDES. ✓
Forecastle Bulkhead ...	2 c HINGED STEEL W.T. DOORS MANIPULATED FROM BOTH SIDES 1 c PORTABLE PLATE SECURED WITH HOOK BOLTS NOT PASSING THROUGH BULKHEAD. ✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	
Exposed Machinery Casings on Superstructure Decks ...	HINGED WOOD DOORS MANIPULATED FROM BOTH SIDES. ✓
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 skylight of steel and strongly constructed
Funnel and vent coamings on casing top in good condition
Fiddle openings fitted with hinged steel covers.

Particulars of Flush Bunker Scuttles:—

None.

Particulars of Companionways:—

Entrance to Main Pump Rooms.
Steel casing 7'6" high
Opening at aft end 4'6" x 2'9"
Fitted with hinged steel w.t. door
Manipulated from both sides

Entrance to fore pump room
Opening in forecabin bulkhead
5'0" x 2'6" sill 18"
Fitted with hinged steel w.t. door
Manipulated from both sides

Entrance to crew dec. at aft end of Poop deck
Steel casing with 2 openings 5'9" x 1'11"
sill 12"
Fitted with hinged steel w.t. door
Manipulated from both sides.

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

FORECASTLE DECK	FORWARD WELL	BRIDGE DECK	AFTER WELL	POOP DECK
2-8" C.V. to forecabin Casing 36 x 32 ✓		10-6" C.V. to Bridge space Casing 30 x 32 ✓		2-12" C.V. to steering gear Casing 30 x 34 ✓
5-10" C.V. to hold Casing 36 x 32 ✓	None.	1-10" C.V. to Bridge space Casing 30 x 32 ✓	None	2-8" C.V. to rigging nearby Casing 30 x 30 ✓
1-10" C.V. to pump room Casing 36 x 32 ✓				13-18" even neck vents to workpieces & ✓
1-18" x 6" even neck to forecabin.				
10" Vent coamings closed with steel gasket cover 2" x 6" Vent coamings closed with cast iron mechanical screw down covers Even neck vents closed with wood plugs.				

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

FORECASTLE DECK	FORWARD WELL	AFTER WELL	POOP DECK.
1-4" M.I. to fore peak 1-3" M.I. (p+s) to forward deep tank 18" high ✓	1-4" M.I. (p+s) to afterpeak air pipes 7'0" high and clipped to forecabin bulkhead ✓	1-3" M.I. (p+s) to afterpeak 1-4" M.I. (p+s) to oil fuel tank 1-4" M.I. (p+s) to settling tanks air pipes 8'0" high and clipped to Poop bulkhead ✓	1-3" M.I. (p+s) to fresh water tanks 1-3" M.I. (p+s) to after peak tank 1-2 1/2" M.I. to engine room 18" high. ✓
air pipes to oil fuel tanks have gauge at opening Remainder of air pipes closed with wood plugs.			

Particulars of Gangway Cargo and Coaling Ports:—

None

Particulars of Scuppers and Sanitary Discharge Pipes:—

Sanitary discharges from W.C. and workpieces in poop space and houses above carried through ship's sides below freeboard deck and fitted with gunmetal storm valves at ship's side. ✓
Sanitary discharges from W.C. and workpieces on bridge deck carried through ship's sides above freeboard deck and fitted with gunmetal storm valves at ship's side. ✓
Scuppers from poop space. 2-2 1/2" scuppers (p+s) from passage carried through ship's sides below freeboard deck and fitted with gunmetal storm valves at ship's sides and having screw caps on inner end. ✓
Scuppers from W.C. and workpieces in poop space carried through ship's side below freeboard deck and fitted with gunmetal storm valves at ship's side. ✓
Scuppers from steering gear space carried through ship's side below freeboard deck and fitted with gunmetal storm valves at ship's side. ✓
Bridge and Forecabin spaces drained by means of non-detachable screw plugs in after bulkheads. ✓

Particulars of Side Scuttles:—

Forecabin. Sidelights 8" dia.
Bridge. Sidelights 8" dia.
Poop. Sidelights 10" dia.

all sidelights of substantial construction and fitted with hinged deadlights.

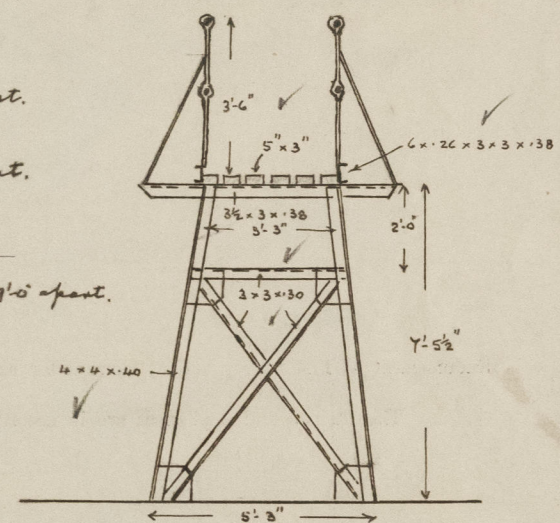
Vertical distance of Sill of lowest Side Scuttle above top of keel No sidelights below freeboard deck.

Particulars of Guard Rails:—

Poop, Bridge and Forecabin Decks
Open Rails 3'6" high with 3 rods and stanchions spaced about 4'6" apart.
Forward and after wells.
Open Rails 3'6" high with 3 rods and stanchions spaced about 4'6" apart.

Particulars of Gangways, Lifelines, etc.:—

Gangway as per sketch from Poop to Bridge decks and from
Bridge to Forecabin deck.



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 { TOTAL LENGTH... 155'-0"	POOP FRONT 14'-8 1/4" BRIDGE END 61'-6 3/4"	3'-6" 3'-6"	3'-0" x 1'-6" 3'-0" x 1'-6"	1 2	4-0 f 8-0 f	OPEN RAILS 78'-9"
Forward Well { TOTAL LENGTH... 119'-8 1/2"	BRIDGE FRONT 11'-6" FORE END 47'-7 1/2"	3'-6" 3'-6"	3'-0" x 1'-6" 3'-0" x 1'-6"	1 1	4-0 f 4-0 f	OPEN RAILS 60'-6 3/4"

State position of each freeing port ... { After Well:— { POOP FRONT 1'-0" FROM BULKHEAD
BRIDGE END 1'-0" x 14'-0" FROM BHD
(F. and A. position and height above deck edge) { Forward Well:— { BRIDGE FRONT 1'-0" FROM BULKHEAD
FORE END 28'-0" FROM FORE BHD } FREEING PORTS 17" ABOVE DECK

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— 3 Vertical Rods 9" APART.

Additional area where sheer is less than standard.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
			FREEBOARD DECK			SUPERSTRUCTURE DECKS			
Description of Hatchway	...	...	O.T. HATCHES	MANHOLES TO COFFERDAMS	HATCH IN FOLE TO STORE	HATCH TO FORE HOLD	HATCH TO FORE HOLD	HATCH TO F.P. STORE	HATCH ON POOP TO STORE
Dimensions of Hatchway	...	...	4'-5" x 3'-5"	23" x 18"	2'-6" x 2'-6"	8'-0" x 10'-0"	8'-0" x 10'-0"	2'-6" x 2'-6"	2'-8" x 2'-6"
COAMINGS	Height above Deck	...	30"	CHANNEL	B.A.	HATCH TRUNKED BETWEEN UPPER & FOLE DECKS	30"	B.A.	18"
	Thickness	{ Sides	.40	COAMING	COAMING		.44	COAMING	.35
		{ Ends	.40				.44		.35
	Stiffeners	...	NONE				7 x 3 x .36		6 x 3 x .34	NONE	NONE
HATCH BEAMS	Number	...	NONE	NONE	NONE	NONE	NONE	NONE	NONE
	Spacing	...							
	Scantling and Sketch	...							
FORE AND AFTERS	Number	...	NONE	NONE	NONE	NONE	NONE	NONE	NONE
	Spacing	...							
	Unsupported Lengths Scantling* and Sketch	...							
HATCH COVERS	Material	...	60 HINGED	.40 STEEL	.35 STEEL		.40 STEEL	.35 STEEL	.35 STEEL
	Thickness	...	STEEL W.T.	W.T. COVER	W.T. COVER		PLATE W.T. COVER	PLATE W.T. COVER	PLATE W.T. COVER
	How fitted	...	COVERS	SECURED	SECURED		WITH STRIPS 6 x 3 x .42 SPACED 36"	TOGGLES 18" APART	TOGGLES 18" APART
	Bearing Surface	...		WITH TAP BOLTS	WITH TOGGLES				
Spacing of Cleats	...	...	✓	✓	✓	✓	✓	✓	✓
Number of Tarpaulins	...	...	✓	✓	✓	✓	✓	✓	✓
*Are wood fore and afters steel shod at all bearing surfaces? <i>none</i>									
Are battens and wedges efficient and in good condition? <i>none</i>									
Are tarpaulins in good condition and in accordance with rule requirements? <i>none</i> ✓									
Are lashings provided in accordance with rule requirements? <i>none.</i>									

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.

