Rpt. C.11.

GLASGOW REPORT No. 66842

Index No. 37211
(For London Office only).

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

8 APR 1943

(CONDITIONS OF ASSIGNMENT.)

Ship's Name "NINELLA".

Port of Survey GLASGOW

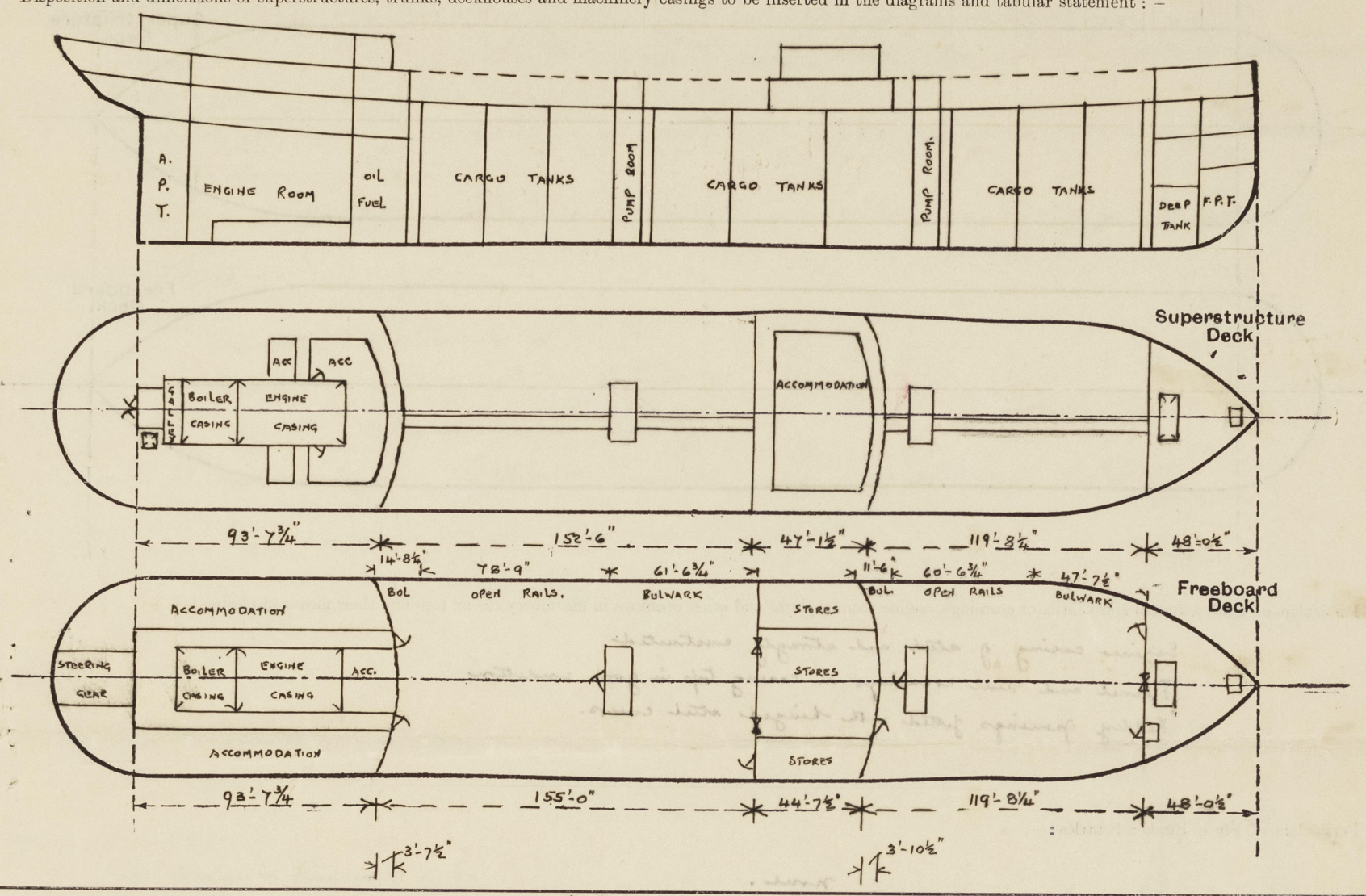
Official Number ✓ 168486

Surveyor's Signature [illegible]

Nationality and Port of Registry BRITISH. LONDON.

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	·44	·44	10 x 3½ x ·40 B.A.	30"	LUGGED TOP & BOTTOM	4'-6" x 2'-9"	21"	✓ ✓
~~Raised Quarter Deck Bulkhead~~ ...								
Bridge, After Bulkhead	·30	·30	4 x 3 x ·32 A	30"	NONE	1 @ 4'-6" x 2'-0" 2 @ 4'-6" x 3'-6"	18" 18"	✓ ✓
Bridge, Forward Bulkhead	·44	·44	10 x 3½ x ·40 BA	30"	BRACKETS TOP LUGS BOTTOM	4'-6" x 2'-9"	18"	✓ ✓
Forecastle Bulkhead	·30	·30	4 x 3 x ·32 A	32	NONE	2 @ 5'-0" x 2'-6" 1 @ 5'-0" x 4'-1"	18" 18"	✓ ✓
~~Trunk, Aft~~								
~~Trunk, Forward~~								
~~Exposed~~ Machinery Casings on Freeboard or Raised ~~Quarter Decks~~ ...								
Exposed Machinery Casings on Superstructure Decks	·34	·30	3 x 3 x ·30 A	30¾	BRACKETTED 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 @ HINGED STEEL W.T. DOOR. MANIPULATED FROM BOTH SIDES. ✓ 2 @ 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 @ HINGED STEEL W.T. DOORS MANIPULATED FROM BOTH SIDES. ✓ 1 @ 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~~ ...	

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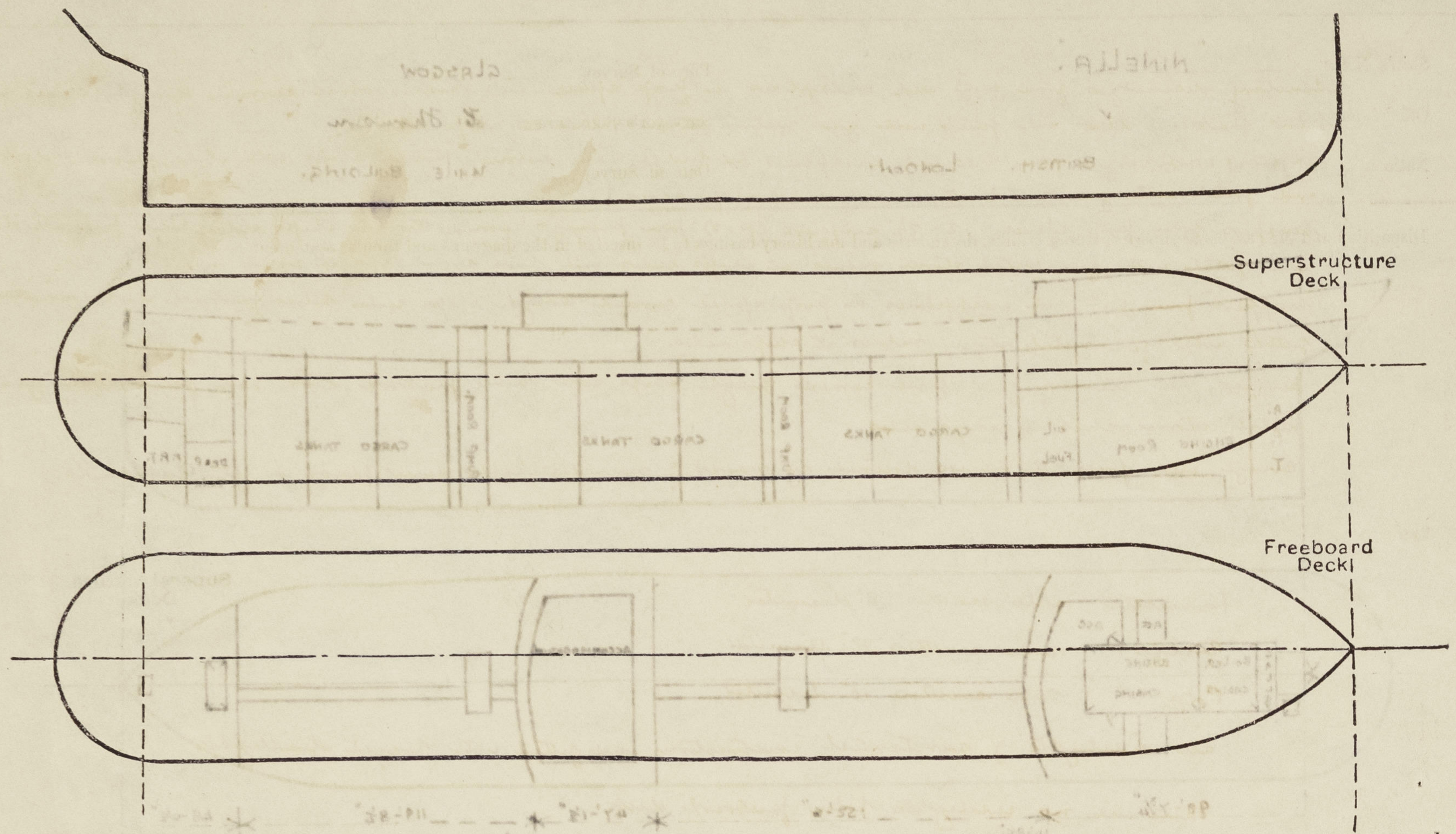
"NINELLA"

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 :—

Engine casing of steel and strongly constructed
Funnel and vent coamings on casing top in good condition
Fiddley openings fitted with hinged steel covers.

Particulars of Flush Bunker Scuttles :—

none.

Particulars of Companionways :—

Entrance to main pump rooms.	Entrance to fwd. pump room	Entrance to crews acc. at aft end of Poop deck
Steel casing 7'-6" high. Opening at after end 4'-6" × 2'-9" Hinged steel w.t. door. sill 18" Manipulated from both sides.	Opening in forecastle bulkhead 5'-0" × 2'-6" sill 18" Hinged steel w.t. door Manipulated from both sides.	Steel casing with 2 openings 5'-9" × 1'-11" sill 12" Hinged steel w.t. doors. 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 forecastle coamings 36 × ·32 5 - 10" c.v. to hold coamings 36 × ·32 1 - 10" c.v. to pump room coaming 36 × ·32 1 - 18 × 6 × 4 swan neck to forecastle	none	10 - 6" c.v. to bridge space coamings 30 × ·32 1 - 10" c.v. to bridge space coaming 30 × ·32	none	2 - 12" c.v. to steering gear coaming 30 × ·34 2 - 8" c.v. to refrig. machy coamings 30 × ·30 12 - 18" swan neck vents to washplaces &c

10" vent coamings closed with steel gastight covers
8" + 6" vent coamings closed with cast iron mushroom screw down covers
swan 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 cofferdam air pipes 7'-0" high and stepped to forecastle bhd.	1 - 3" M.I. (p+s) to cofferdam 1 - 4" M.I. (p+s) to oil fuel bunker 1 - 4" M.I. (p+s) to settling tanks air pipes 8'-0" high and stepped to poop bulkhead	1 - 3" M.I. (p+s) to fresh water tanks 1 - 3" M.I. (p+s) to after peak tank 1 - 2½" M.I. to cruiser stern 18" high.

Air pipes to oil fuel tanks have gauze 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.Cs and washplaces in poop space and houses above carried through ships side below freeboard deck and fitted with gun metal storm-valves at ships sides.

Sanitary discharges from W.Cs and washplaces on bridge deck carried through ships side above freeboard deck and fitted with gun-metal storm-valves at ships sides.

Scuppers from poop space. 2 - 2½" scuppers (p+s) from passage carried through ship's sides below freeboard deck and fitted with gun-metal storm valves at ship's sides and have screw caps at inner end.

Scuppers from W.Cs and washplaces in poop space carried through ships side below freeboard deck and fitted with gun-metal storm valves at ship's sides.

Scupper from steering gear space carried through ships sides below freeboard deck and fitted with gun-metal storm valves at ships sides.

Bridge and forecastle spaces drained by means of non-detachable screw plugs in after bulkheads.

Particulars of Side Scuttles :—

Forecastle. side scuttles 8" diameter
Bridge. side scuttles 8" diameter
Poop. side scuttles 10" diameter

All sidelights of substantial construction and fitted with hinged deadlights.

There are no sidelights below freeboard deck.

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

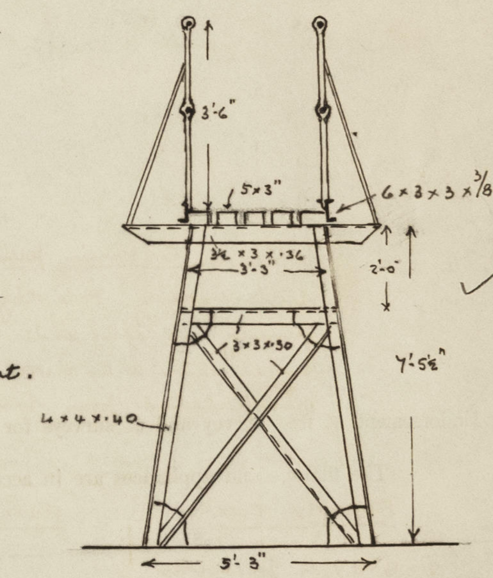
Particulars of Guard Rails :—

Poop, Bridge & Forecastle decks.
Open rails 3'-6" high with 3 rods and stanchions spaced about 4'-6" apart.
Forward & 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 and from bridge to forecastle deck.

Supports 7'-0" to 9'-0" apart.



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'-8¼"	3'-6"	3'-0" × 1'-6"	1	4.0 ⌀	Open Rails
		Bridge End 61'-6¾"	3'-6"	3'-0" × 1'-6"	2	8.0 ⌀	78'-9"
Forward Well	Total Length … … 119'-8¼"	Bridge Front 11'-6"	3'-6"	3'-0" × 1'-6"	1	4.0 ⌀	Open Rails
		Fcle End 47'-7½"	3'-6"	3'-0" × 1'-6"	1	4.0 ⌀	60'-6¾"

State position of each freeing port … … (F. and A. position and height above deck edge)
After Well :— Poop Front 1'-0" from bulkhead; Bridge End 1'-0" & 44'-0" from BHD
Forward Well :— Bridge Front 1'-0" from bulkhead; Fcle End 26'-0" from Fcle 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.

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PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.

FREEBOARD DECK ← → SUPERSTRUCTURE DECK.

Description of Hatchway	Q.T. HATCHES	MANHOLES TO COFFERDAMS	HATCH IN FCLE TO STORE	HATCH TO FORD. HOLD	HATCH TO FORD. 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	30	B.A.	28"			
COAMINGS — Thickness — Sides ...	·40	COAMING	COAMING	TRUNKED	·44	COAMING	·25			
COAMINGS — Thickness — Ends ...	·40			BETWEEN	·44		·25			
COAMINGS — Stiffeners	NONE	10 x 3½ x 3½ x ·40	9 x 3 x ·34	UPPER & FCLE DECKS	7 x 3 x ·36	6 x 3 x ·34	NONE			
COAMINGS — Brackets, Stays					NONE					
HATCH BEAMS — Number	←			NONE			→			
HATCH BEAMS — Spacing										
HATCH BEAMS — Scantling and Sketch ...										
HATCH BEAMS — Bearing Surface										
FORE AND AFTERS — Number	←			NONE			→			
FORE AND AFTERS — Spacing										
FORE AND AFTERS — Unsupported Lengths ...										
FORE AND AFTERS — Scantling* and Sketch ...										
FORE AND AFTERS — Bearing Surface										
HATCH COVERS — Material	·60 HINGED STEEL W.T. COVERS	·40 STEEL W.T. COVER SECURED WITH TAP BOLTS.	·35 STEEL W.T. COVER SECURED WITH TOGGLES	✓	·40 STEEL W.T. COVERS WITH STIFFS 6 x 3 x ·42 SPACED 36"	·35 STEEL W.T. COVER SECURED WITH TOGGLES	·35 STEEL W.T. COVER SECURED WITH TOGGLES			
HATCH COVERS — Thickness										
HATCH COVERS — How fitted										
HATCH COVERS — Bearing Surface										
Spacing of Cleats	←			NONE			→			
Number of Tarpaulins										

*Are wood fore and afters steel shod at all bearing surfaces? NONE

Are battens and wedges efficient and in good condition? NONE

Are tarpaulins in good condition and in accordance with rule requirements? NONE

Are lashings provided in accordance with rule requirements? NONE

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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