

Lloyd's Register of Shipping.

GOVT. COPY ISSUED
OWNERS' C.11 ISSUEDSURVEYS FOR FREEBOARD.
(CONDITIONS OF ASSIGNMENT.)

Ship's Name T. S. S. "GEMMA"

Port of Survey Sunderland

Official Number

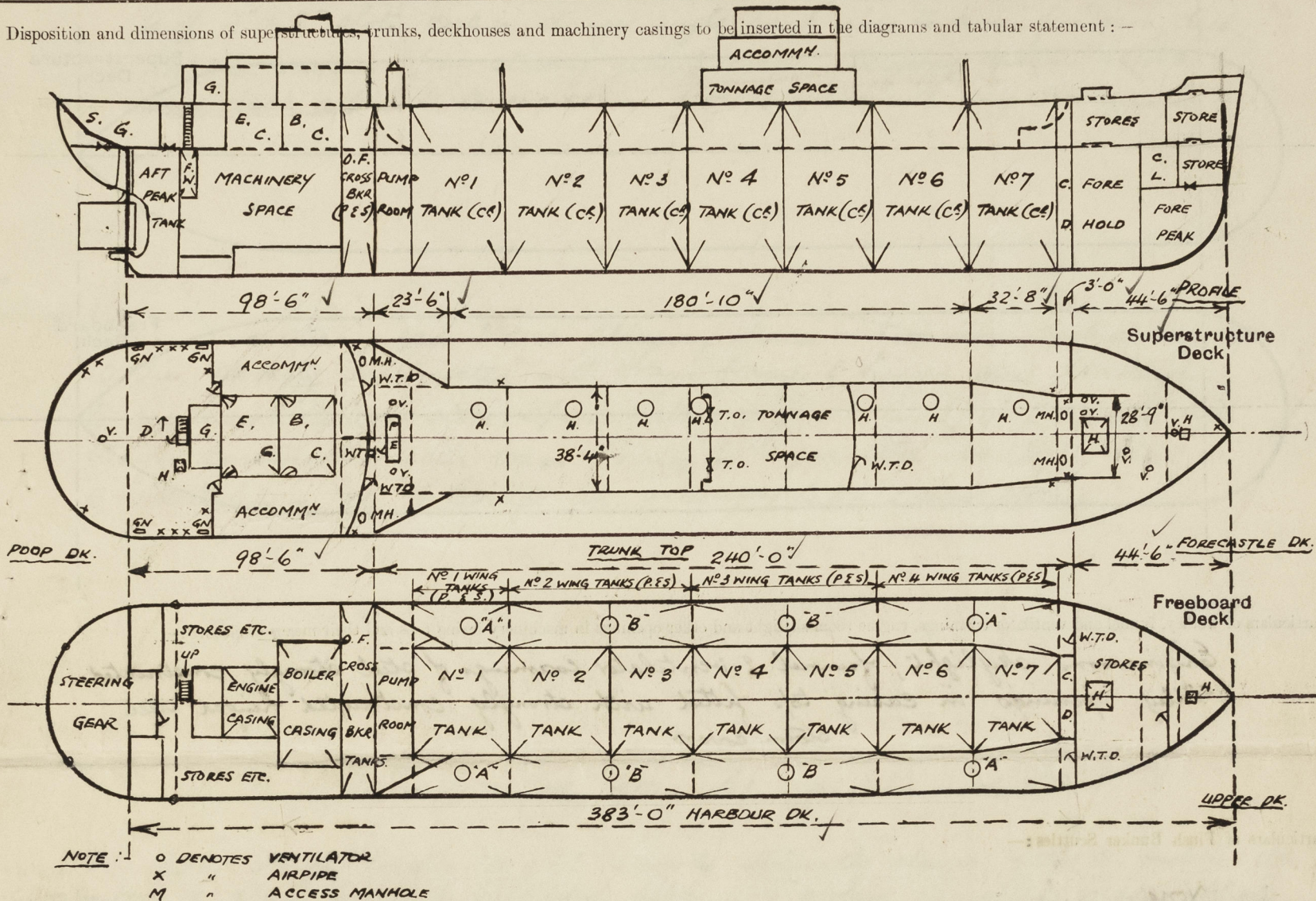
Surveyor's Signature J. Fordey

Nationality and Port of Registry Dutch, Willemstad.

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.

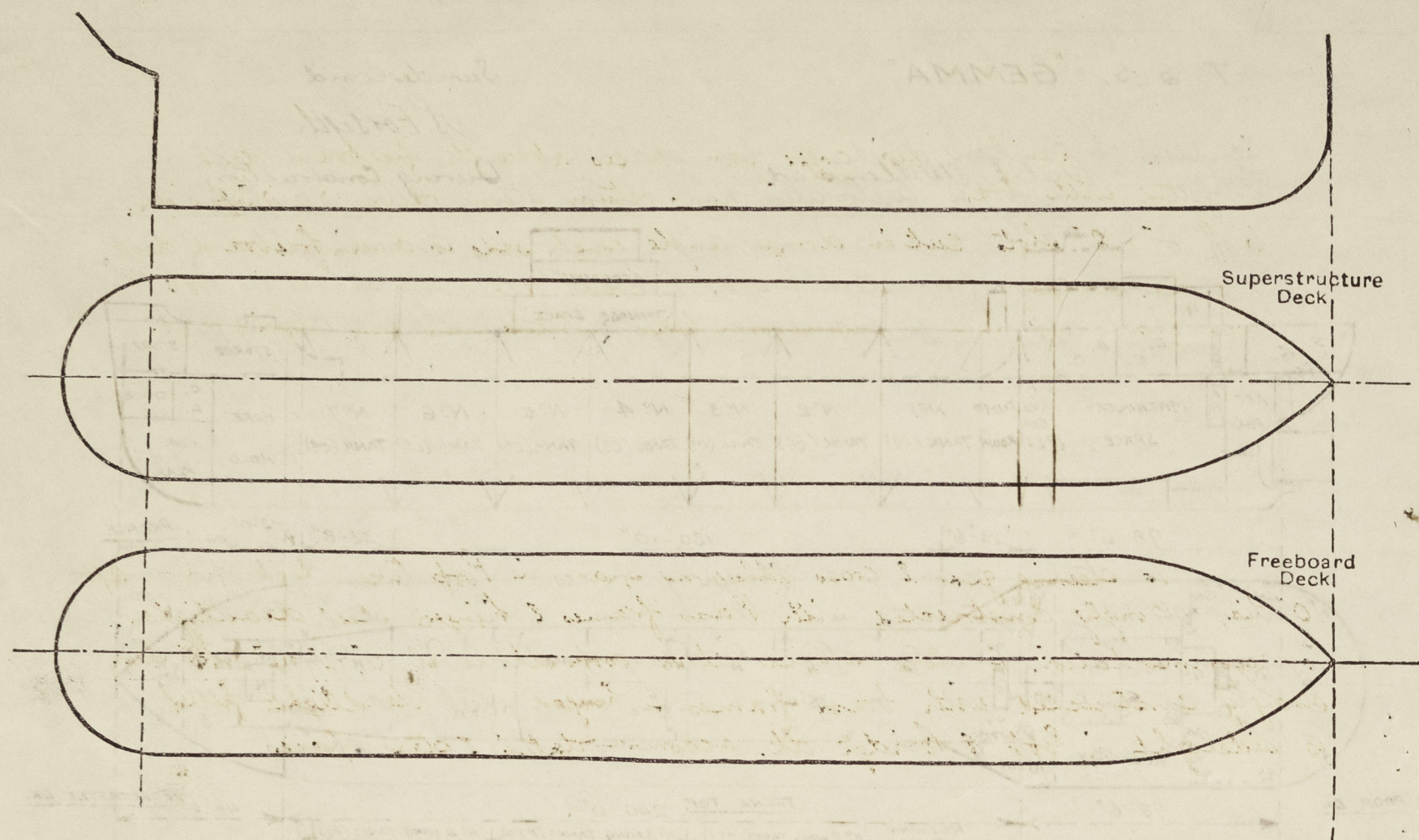
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead (SLOPING) ...	✓	.44"	9" x 3 1/2" x .38" (HORIZ) & 2 Vert Wels.	2'-6" & 8'-3"	Bracketted at ends.	✓	✓	7'-6"
POOP HOUSE FOR? Raised Quarter Deck Bulkhead ...	✓	.30"	5 1/2" x 3" x .26"	2'-4 3/4" to 2'-8 1/2"	Lugged at top & welded at bottom	2 @ 4'-6" x 2'-3"	18"	8'-0"
HOUSE ON TRUNK TOP, Bridge, After Bulkhead ...	✓	.25"	3 1/2" x 3" x .25" OA.	3'-0"	Riveted to boundary angles	2 @ 4'-1" x 3'-1"	21"	7'-6"
HOUSE ON TRUNK TOP, Bridge, Forward Bulkhead ...	.32"	.28"	5 1/2" x 3" x .25"	2'-4 3/4"	Lugged at top & welded at bottom	1 @ 4'-6" x 2'-3"	19"	7'-6"
Forecastle Bulkhead ...	.30"	.30"	4" x 3" x .34" OA.	2'-6"	Bracketted top & bottom in way doors	2 @ 4'-6" x 2'-3"	24"	7'-6"
Trunk, At BETWEEN FORECASTLE & POOP ...	✓	.60"	8" x 3 1/2" x .44" (HORIZ) & 2-21" x .40" Vert Wels in each tank	2'-6" & 9'-2" & 11'-8"	Bracketted at ends	✓	✓	4'-6"
Trunk, Forward ...								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓							
Exposed Machinery Casings on Superstructure Decks (BOAT..DK.) ...	.38"	.25"	3 1/2" x 3" x .25" OA.	2'-3" - 2'-8"	Bracketted at top & None at bottom - Continuous.	✓	✓	✓
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 (SLOPING) ...	✓ NO OPENINGS.
POOP HOUSE FOR? Raised Quarter Deck Bulkhead ...	Hinged steel W.T. doors, operated from both sides.
HOUSE ON TRUNK TOP, Bridge, After Bulkhead ...	Portable steel plates, secured by 3/4" hooked bolts, spaced 13" apart.
HOUSE ON TRUNK TOP, Bridge, Forward Bulkhead ...	Hinged steel W.T. door, operated from both sides.
Forecastle Bulkhead ...	Hinged steel W.T. doors, operated from both sides.
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓
Exposed Machinery Casings on Superstructure Decks (BOAT..DK.) ...	✓
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, funnel & ventilator coamings of steel strongly constructed. Fiddle openings in casing top fitted with strongly constructed hinged steel storm covers.

Particulars of Flush Bunker Scuttles:—

None

Particulars of Companionways:— Pump Room Entrance (Trunktop):— Plating 30", stiffeners (front & sides) 4" x 3" x 38", after end 3" x 3" x 30", welded to dk. & bracketed or welded at top; deck opening 5'6" x 4'1"; 2 strong steel skylight 5'3" x 4'0"; W.T. door (after side) 5'0" x 2'6" (6 toggles), 18" coaming, operated. On poop dk. strong steel companionway to poop tween dk. space aft, opening 4'9" x 2'0", coaming 21", and with hinged solid hardwood door, operated both sides.

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

- 1 @ 8" dia, coaming 36" x 30" to F.P. store.
 - 2 @ 10" " " 36" x 32" " Forecastle tween decks.
 - 2 @ 10" " " 36" x 32" " Hold space fore.
 - 2 @ 21" " " 36" x 40" " Pump room.
 - 1 @ 8" " " 36" x 30" " Steering gear space.
 - 4 @ 6" " " 36" to opening to stores & Poop tween dk. spaces aft.
- All ventilators fitted with steel or wood plugs and canvas covers.

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

On Poop, Forecastle & Boat decks & Trunk top to peaks, D.B. and F.W. tanks, A.P. store & Cofferdam spaces 6" 5" 3" & 2 1/2" dia, openings 30" fore peak, and 18" elsewhere above deck. On Poop deck to O.F. cross bunker tanks 4" dia, 6'0" above deck, efficiently secured. On Harbour deck to Nos 1 & 4 wing cargo tanks 6" dia, 6'0" above deck, efficiently secured, and 2" dia, on tops of circular access hatches to these wing tanks, openings 18" above deck. All airpipes fitted with wood plugs or gauges & canvas covers.

Particulars of Gangway Cargo and Coaling Ports:—

None.

Particulars of Scuppers and Sanitary Discharge Pipes:—

Scuppers & sanitary discharges from spaces above the freeboard deck & fitted with brass automatic non-return storm valves at ship's sides. 6 off 4" x 2" slots cut in stringer angle each side to drain freeboard deck. 2 1/2" dia. scuppers from steering gear & cross alleyway spaces in Poop tween deck aft led to engineroom bilge, & fitted with self closing cock.

Particulars of Side Scuttles:—

To steering gear & cross alleyway spaces in Poop tween deck spaces aft 10" dia, strongly constructed with brass frames & hinged steel deadlights. To accommodation & store spaces above poop dk. level 10", 12", 14" & 16" dia, strongly constructed with brass frames & hinged steel deadlights fitted to sidelights in Poop & Bridge dk. accommodation & store spaces.

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

25'9" above top of keel at 20'1 1/2" for of A.P. (No side scuttles fitted below freeboard deck)

Particulars of Guard Rails:— Strongly constructed steel bulwarks, efficiently stayed, fitted on freeboard dk. for about 16'0" abaft forecastle bulkhead, approx. 11'6" abaft navigating bridge supports amidships & 14'9" abaft cargo pump line cross over abaft midship house. Elsewhere on freeboard dk., forecastle & poop decks, and trunk top strong steel stanchions 3'6" in height, spaced about 5'0" apart with 3 rails & efficiently stayed to deck.

Particulars of Gangways, Lifelines, etc.:—

✓

Particulars of Freeing Arrangements. (See also Scuppers)

	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:— ✓)
(P. and A. position and height above deck edge) (Forward Well:— ✓)

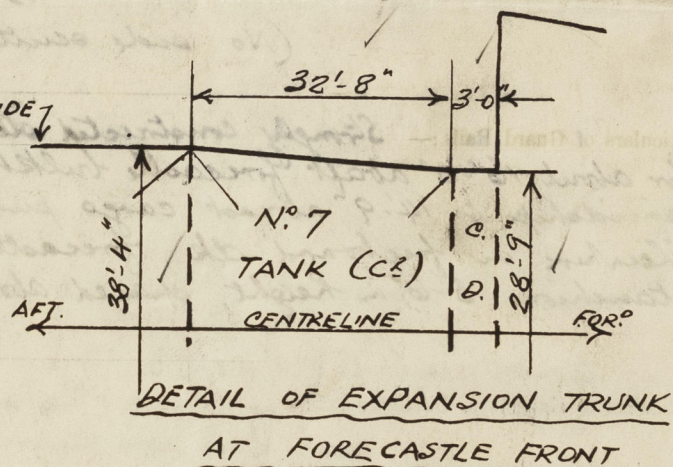
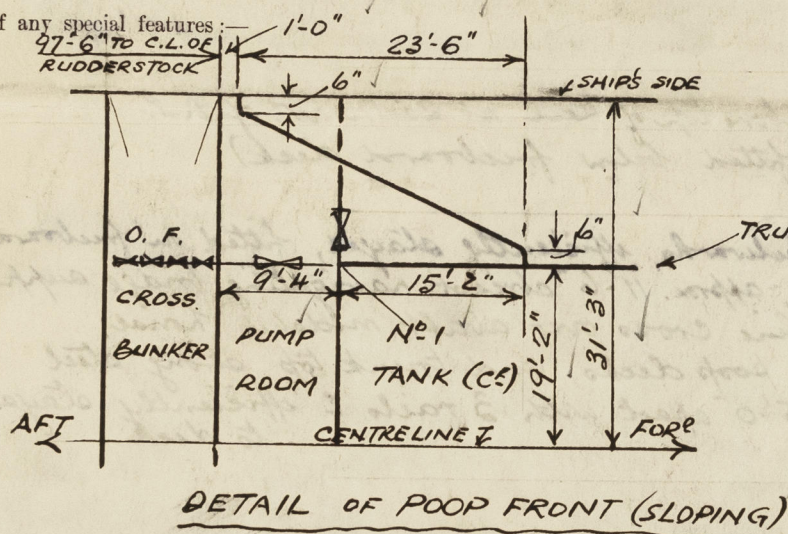
State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— ✓

Additional area where sheer is less than standard.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

		HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.								
		FREEBOARD DK.		FORECASTLE DK.		TRUNK TOP		POOP DK.		
Description of Hatchway		4 OFF O.T. HATCHES 'A' TO WING TANKS	4 OFF O.T. HATCHES 'B' TO WING TANKS	TO F.P. STORE	TO CARGO HOLD	O.T. HATCHES TO CB TANKS (7 OFF)	TO FORB. COFFERDAM (P. & S.)	TO O.F. CROSS BKR. TANKS (P. & S.)	TO TWEEN DK. SPACE AFT.	
Dimensions of Hatchway		4'-0" dia.	4'-0" dia.	1'-6" x 1'-2"	8'-0" x 8'-0"	4'-0" dia.	1'-7" x 2'-0"	2'-0" x 1'-7"	2'-2" x 2'-2"	
COAMINGS	Height above Deck	4'-0"	4'-0"	6"	2'-7"	10"	6"	6"	6"	
	Thickness	.40	.40	6" x 3" x 38 ga.	.44	.75	6" x 3" x 38 ga. (TOE WELDED)	6" x 3" x 38 ga. (TOE WELDED)	6" x 3" x 38 ga.	
	Stiffeners			✓	✓	✓	✓	✓	✓	
	Brackets, Stays	4 off	4 off	✓	2 P, S, & FOR. & 1 AFT.	✓	✓	✓	✓	
HATCH BEAMS	Number									
	Spacing									
FORE AND AFTERS	Scantling and Sketch									
	Bearing Surface									
	Number									
	Spacing									
HATCH COVERS	Material	Steel .40	Steel .40	Steel .40	Steel .44 & 2 afters	Steel .40	Steel .40	Steel .40	Steel .40	
	Thickness				7" x 3" x 38 C					
	How fitted	RIVETED TOP WITH 18" x 14" MANHOLE COVER SECURED BY 3/4" BOLTS 3" APART	Hinging	Hinging	Hinging	Hinging	Portable	Portable	Hinging	
	Bearing Surface									
Spacing of Cleats										
Number of Tarpaulins		✓	8 toggles	1 toggle each side & 2 hinges for side	3 toggles each side & 1 toggle & 2 hinges for side	8 toggles	Cover secured by 7/8 bolts 4" apart	Cover secured by 7/8 bolts 4" apart	2 toggles ea. side	
*Are wood fore and afters steel shod at all bearing surfaces?			✓							
Are battens and wedges efficient and in good condition?			✓							
Are tarpaulins in good condition and in accordance with rule requirements?					✓					
Are lashings provided in accordance with rule requirements?					✓					

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.

Particulars of hatches inside forecastle?



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