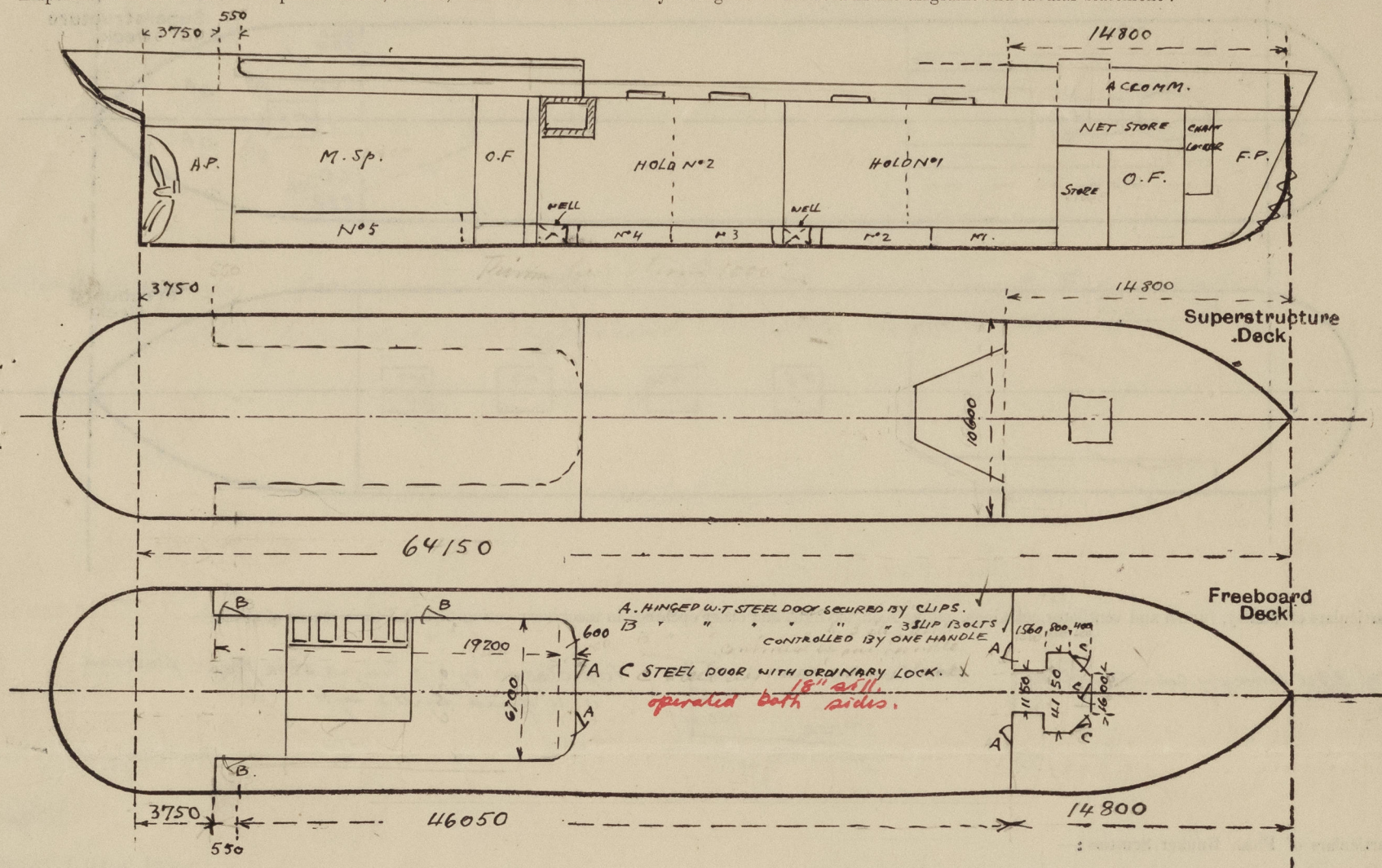


Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.
(CONDITIONS OF ASSIGNMENT.)

Ship's Name	Motor Trawler. "SANTA MAFALDA"	Port of Survey	GENOA
Official Number	✓ LX 57N	Surveyor's Signature	<i>[Signature]</i>
Nationality and Port of Registry	PORTUGUESE 21580N. AVETRO	Date of Survey	17. Sept. 1948

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	7.5	6.5	80x60x7 1/2	500	welded	None	✓	✓
Raised Quarter Deck Bulkhead ...	✓			✓				
Bridge, After Bulkhead	✓			✓				
Bridge, Forward Bulkhead	✓			✓		1600x600 20 ft.	350	-
Forecastle Bulkhead	7.5	6.5	80x60x7 1/2	600	✓	1150 for full depth.		
Trunk, Aft	✓							
Trunk, Forward DECKHOUSE COVERING	7.5	6.5	SIDES 80x60x7	600	Bracketed	1600x600 AT SIDES 1430x750 AT FRONT	350	2200
Exposed Machinery Casings on Free-board or Raised Quarter Decks ...	7.5	6.5	FRONT 80x60x7 WITH FACE PLATE 80x10	600	"			
Exposed Machinery Casings on Super-structure Decks DECKHOUSE ...	9	6.0	80x60x7	600	bracketed at top	1600x600	350	
Machinery Casings within Superstruc- tures not fitted with Class I Closing Appliances								
Deckhouses on Flush Deck Ships ...								

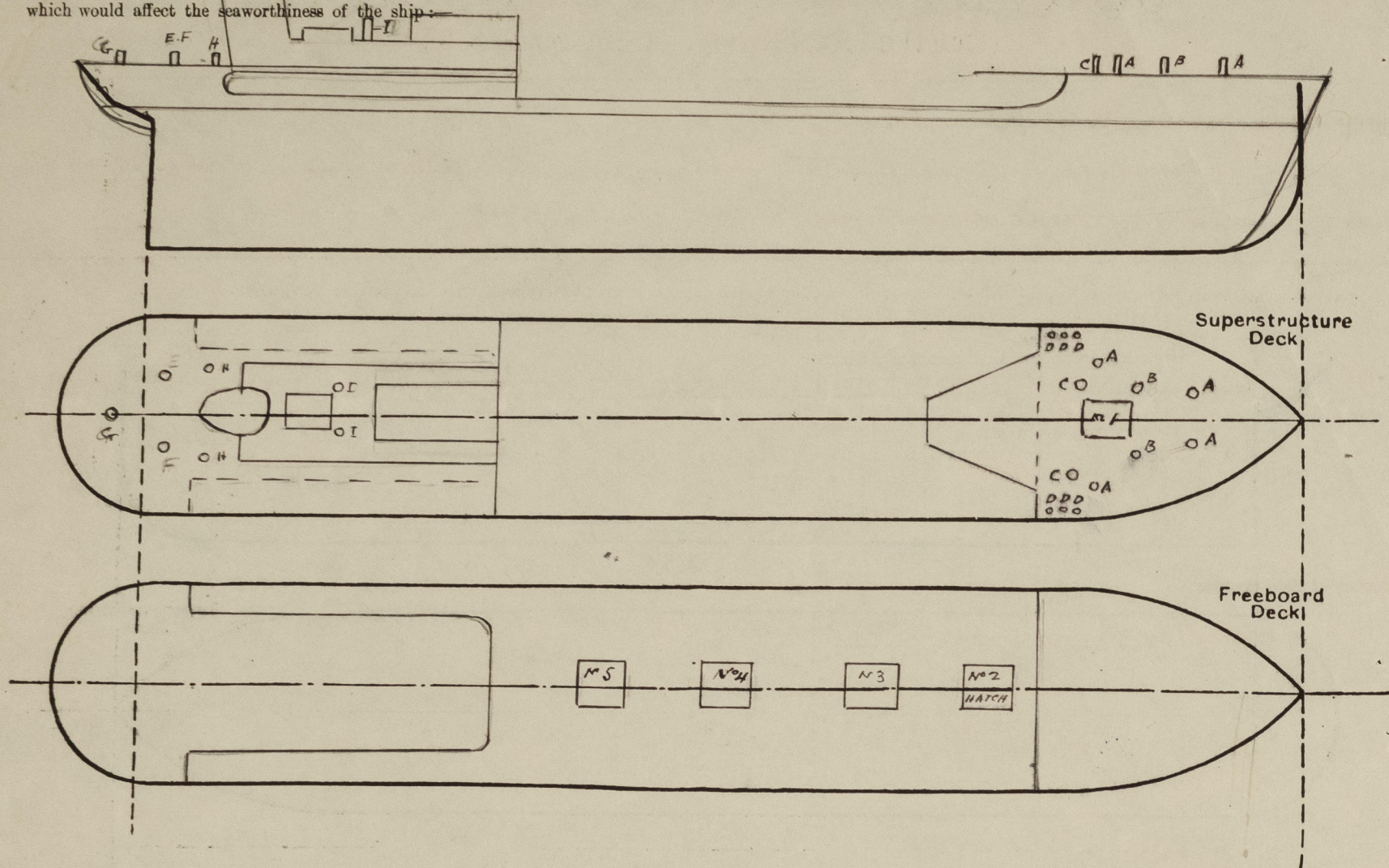
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead	...	...	...	<i>Closed</i>	<i>CLOSED.</i>	<i>No openings.</i>
Raised Quarter Deck Bulkhead	...	...	...	✓	✓
Bridge, After Bulkhead	...	...	...	✓	✓
Bridge, Forward Bulkhead	...	...	...	✓	✓
Forecastle Bulkhead	...	...	...
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	...	...	...	✓	✓

open at centre. 2 hinged WT steel doors secured by clips capable of being manipulated from both sides.
FRONT: " " " " " " " " " " " "
SIDES: " " " " " " " " 3 slip bolts
CONTROLLED by one handle capable of being manipulated from 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 riddle, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:—

Of steel strongly constructed. ENG ROOM SKYLIGHT: 300 x 6. Top closed by w.t. hinged steel flaps provided with fixed bull's eyes. 2nd TIER. 350 x 7.

Particulars of Flush Bunker Scuttles:—

NONE

Particulars of Companionways:— Companionway on aft starboard side of Poop deck to E.R. space fitted with w.t. door operated from both sides, 15" sill.

NONE

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

POSITION	TYPE	HEIGHT	DIAM	THICKNESS	LEADING TO:
A	COWL	910	300	8.5	CREW SPACE
B	"	910	250	8.5	NET STORE
C	"	910	250	8.5	RED STORE ROOM
D	SWAN NECK	14" x	105		CREW'S LAVATORIES
E	MUSHROOM	760	250	8.5	PANTRY
F	COWL	760	250	8.5	"
G	MUSHROOM	760	250	8.5	STEERING GEAR
H	"	760	160		CHIEF ENGINEER'S ELECTRICIAN
I	COWL	760	500	10	MOTOR SPACE

x to top of bend.

Closed by flaps and or canvas covers.

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

POSITION	Nº	HEIGHT	DIAM	FROM:
FORE DECK	1	460	51	FORE PEAK
"	1	460	51	FORE OF BUNKER
"	2	460	51	Nº 1 D.B. TANK
FREEBOARD DECK	2	915	51	Nº 2 " "
"	2	915	51	Nº 3 " "
"	2	915	51	Nº 4 " "
"	2	915	51	O.F. BUNKER
"	2	915	51	D.B. MOTOR SP.
POOP DECK	1	460	51	A.P. TANK

Closed by hinged flaps and screens.

Particulars of Gangway Cargo and Coaling Ports:—

Santa Mafalda.

NONE

Particulars of Scuppers and Sanitary Discharge Pipes:— From spaces above the foreboard deck only.

Heavy gauge steel pipe galvanized discharging through 120° storm valves on ship's sides. Valve bodies of welded steel.

Particulars of Side Scuttles:— 300 h. side scuttles in fore-castle and poop. trim decks.

Scuttles provided with efficient hinged deadlights.

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

All above foreboard deck.

Particulars of Guard Rails:—

Height 1200. Solid steel beams spaced about 1800 apart. 3 Rail bars.

Particulars of Gangways, Lifelines, etc.:—

Efficient lifelines on upper deck between Poop & Fore-castle.

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 ...	46050	1200	700 x 300	15	3.15 m ²	For 7L 2.739 m ³
Forward Well ...	7L=45012		✓			

State position of each freeing port (centre)... After Well:— 350, 520, 150, 370, 370, 200, 370, 350, 150, 80, 230, 500, 180, 80 x 450 2 (F. and A. position and height above deck edge) Forward Well:— 1st of frames 12, 17, 25, 29, 32, 36, 41, 45, 49, 53, 58, 62, 67, 72-80 Height = 1502 above deck edge.

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— Vertical bars of 19" minimum 4 in. apart.

Additional area where sheer is less than standard.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
← on Forecastle deck → ← on FREEBOARD DECK →									
Description of Hatchway ...			No 1	No 2	No 3	No 4	No 5		
Dimensions of Hatchway ...			1840x1756	2400x2400	2400x2400	2400x2400	2400x2400		
COAMINGS	{	Height above Deck ...	305 ✓	175 ✓	175	175	175		
		Thickness { Sides ...	8 ✓	9 ✓	9 ✓	9	9		
		Stiffeners ...	8 ✓	9 ✓	9 ✓	9	9		
		Brackets, Stays ...	✓	✓	✓	✓	✓		
HATCH BEAMS	{	Number ...							
		Spacing ...							
FORE AND AFTERS	{	Scantling and Sketch ...							
		Bearing Surface ...							
HATCH COVERS	{	Number ...	4 ribs as shown	4 ribs as shown					
		Spacing ...	Span I-149x69x64	Span I-179x69x72					
HATCH COVERS	{	Unsupported Lengths ...							
		Scantling* and Sketch ...							
HATCH COVERS	{	Bearing Surface ...	(Plan in London)	(Plan in London)					
		Material ...	Steel W.T.	Steel W.T.					
HATCH COVERS	{	Thickness ...	62 ✓	72 ✓					
		How fitted ...	✓	✓					
HATCH COVERS	{	Bearing Surface ...	✓	✓					
		Spacing of ...	600 ✓	730 ✓					
Number of Tarpaulins ...			✓						
*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:—

The finished general arrangement plan (elevation + decks) is enclosed for reference.

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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