

Lloyd's Register of Shipping.

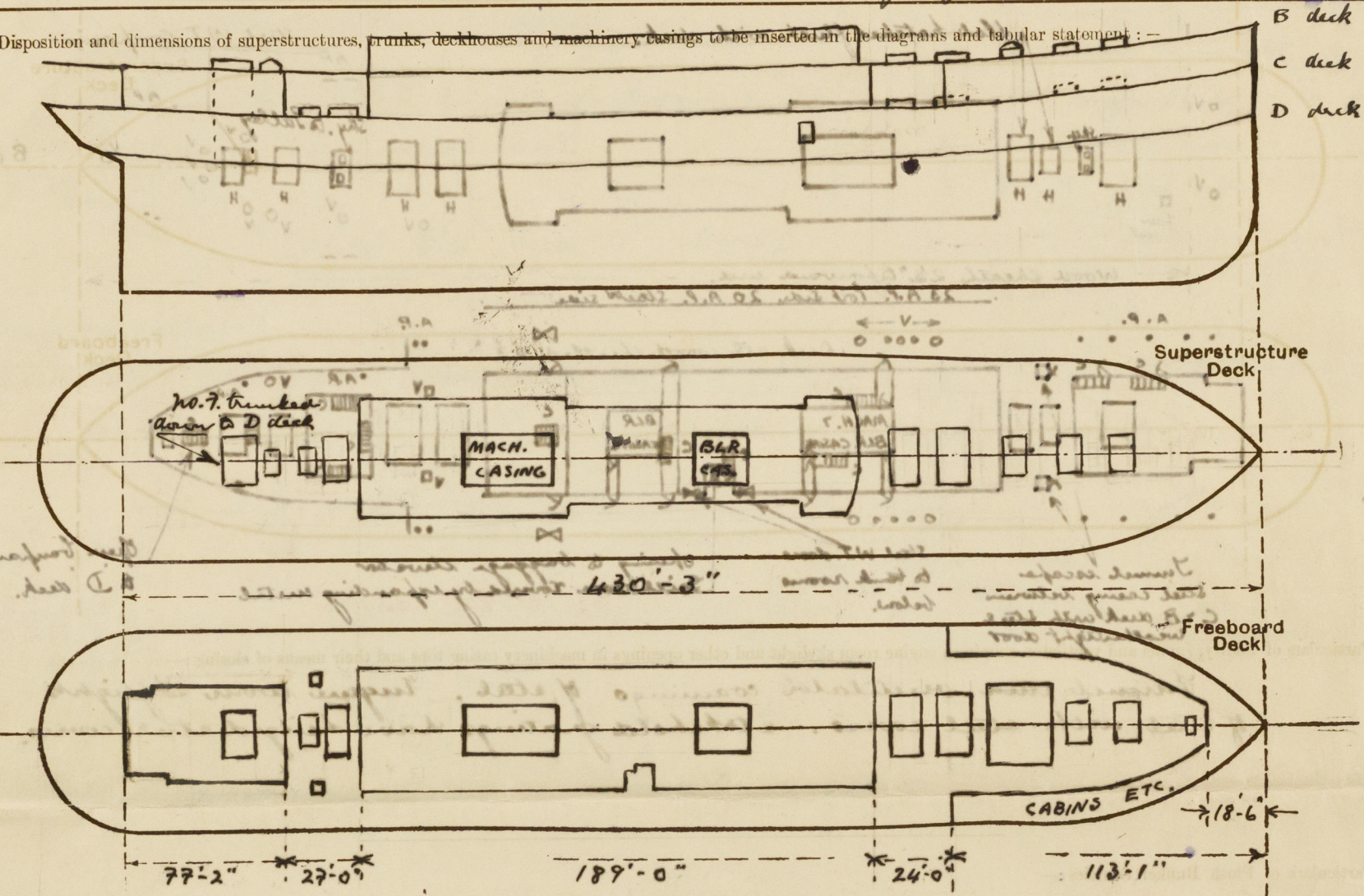
Index No.
(For London Office only).

SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Ship's Name *LEONARDO DA VINCI* Port of Survey *Bombay*
Official Number *159356* Surveyor's Signature *John Rundle.*
Nationality and Port of Registry *Monbasa* Date of Survey *July 1942.*

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.

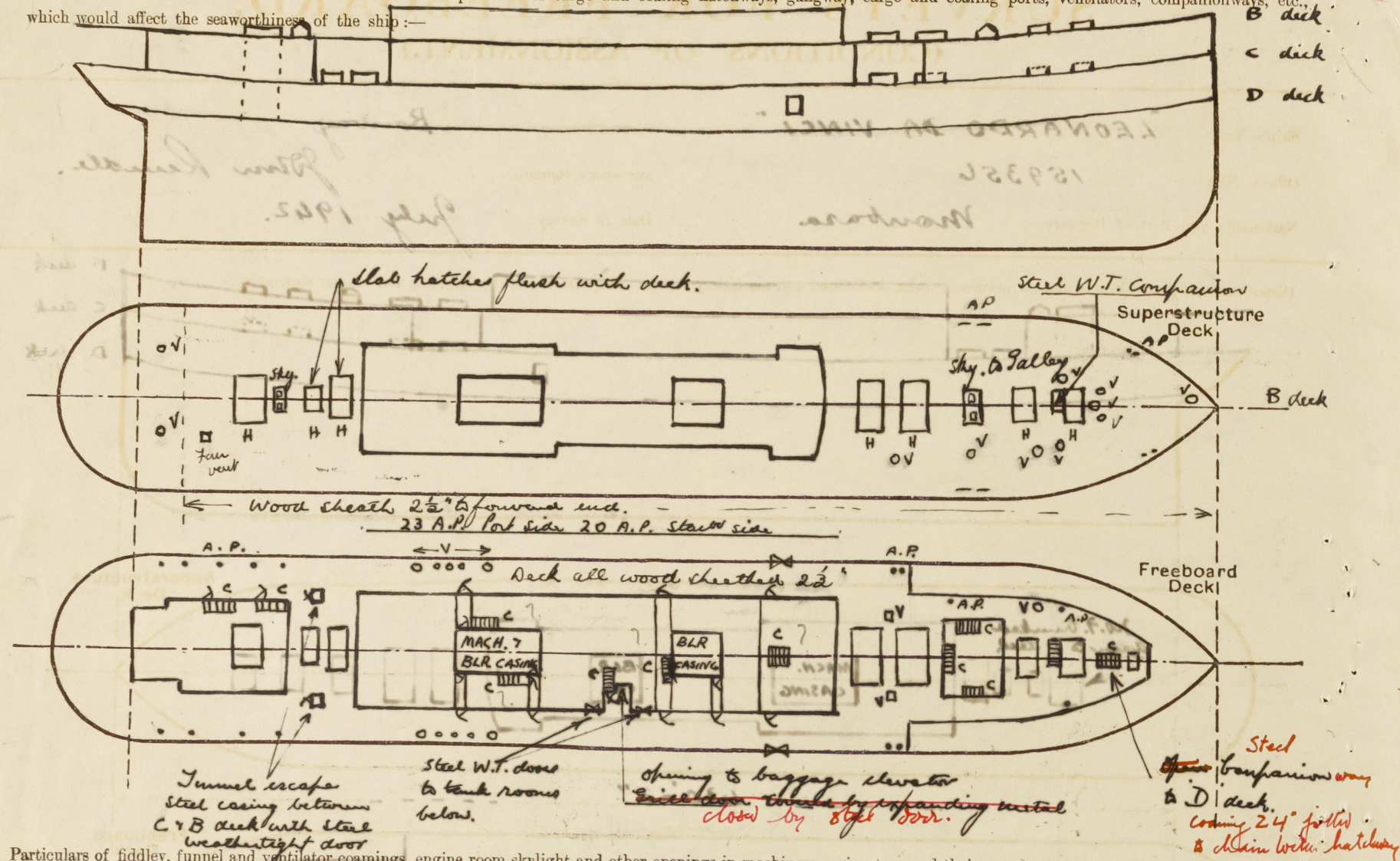
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead								
Raised Quarter Deck Bulkhead								
Bridge, After Bulkhead								
Bridge, Forward Bulkhead								
Forecastle Bulkhead32"	.26"	Flanged plates	2'-3"	none	5'-8" x 2'-0"	10"	7'-9"
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 Ships46"	.32"	Flanged plates	2'-3"	none	$\begin{cases} 3'-3" \times 1'-10" \\ 5'-2" \times 2'-0" \\ 5'-0" \times 3'-8" \end{cases}$	$\begin{cases} 15" \\ 15" \\ 18" \end{cases}$	7'-9"

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

Poop Bulkhead	
Raised Quarter Deck Bulkhead	
Bridge, After Bulkhead	
Bridge, Forward Bulkhead	
Forecastle Bulkhead	Doors made of wood, hinged, and operated from both sides
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	Wood doors, hinged, & operated both sides to cabins etc. Steel W.T. doors to tank.

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 :-

Funnel and ventilator coverings of steel. Engine room skylights of steel with steel covers. Stockhold gratings have hinged steel covers.

Particulars of Flush Bunker Scuttles :—

None

Particulars of Companionways :—

[illegible]

Side 5'-2" x 2'-8" x 4'-4" side companion ladders deck have all, with wood doors operated both
Particulars of Ventilators in exposed positions on foreboard and superstructure decks. and one with steel weathertight door operated both sides
Foreboard Deck One @ 1'-0" dia x 4'-0" high, stayed, on fore deck, with plug covers. ✓
Two @ 1'-3" x 9" x 5'-0" " , stayed, on fore deck, for fan motor, no closing appliances? ✓
Two, each side, @ 1'-0" dia x 3'-0" high, amidships, with plug covers ✓
Four " " @ 6" dia x 3'-0" " " " " " " ✓

B " Shade Deck

	<u>Forward</u>		
	one @ 9" dia x 2'-3" high		
	Two @ 10" " " 2'-3 "		
	Two @ 1'-0" " " 2'-3 "		
	Two @ 1'-3" " " 2'-10" -		
	Two @ 11" " " 2'-6" -		
	one fan vent 1'-0" dia x 2'-6" high		
<u>aft</u>			

To spaces below freeboard deck
all with plugs & covers ✓

one heavy fan vent branch 1'-0" dia
2'-0" high
Fan vents here have boiler
gauge & canvas covers. ✓

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

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

Freeboard Deck Forward

4 @ 2" dia x 1'6" high
3 @ 2" dia x 1'0" high

Anchors

23, on port side, at 6"x3" also at 2" dia, all 1'0" high
20, on starboard " " " " " " " "

apt 9 at 6"x3" also at 2" dia., all 1'0" high.

All with wire gauge or wood plugs & canvas covers. ✓
Superstructure Pl. Forward to each side 1'-3" high, plugs & canvas covers

LEONARDO DA VINCI N.N. EMPIRE CLYDE

Particulars of Gangway Cargo and Coaling Ports :—

One coaling port each side, doors of steel hinged and secured by bolts passing through ship's side. Each opening $2'-9'' \times 2'-3''$

Particulars of Scuppers and Sanitary Discharge Pipes :—

of Scuppers and Sanitary Discharge Pipes:—
the main, or D, deck.
as follows:

With N.R. valves and gate valves
controlled from "C" deck (fireak)

Sevent soil pipes each side from
W/cs on D (main) deck.

all at $5\frac{1}{2}$ " and 4" bore.

With N.R. Valves only

3 soil pipes ^{start side} from W/c's on feet
1 " " ^{port side} " " " " ^{deck}
8 " " ^{start side} " " " ^{main}
7 " " ^{port side} " " " " "

all ships' side discharge pipes fitted
with screw-down valves and ^{spring} loaded
with control from above "C" or bulkhead deck.

Particulars of Side Scuttles:—

Below " freeboard deck

Below "D" main deck

In forecath side houses on
"C" fireboard deck

all at 14" dia with hinged deadlights

all at 11" "

all at 14" -

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

33' 9" 29' 0" /

Particulars of Guard Rails :—

on A" (boat) deck and B deck (shade or promenade) deck. 5 tiers of rails 3'-10" high with stanchions spaced 3'-10" ✓

Particulars of Gangways, Lifelines, etc. :—

Adequate provision made for fitting lifelines

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		3'-10"	3 @ 4'-10" x 3'-2" <i>gun rail</i> 1 @ 2'-0" x 1'-3"	4	48.3 <i>sq</i>	89.5 60 30
Forward Well						

State position of each freeing port { After Well:— Open rails freeing ports at 180'-0", 250'-0" & 330'-0"
(F. and A. position and height above deck edge) Forward Well:— Shutter port 290'-0" from forward sill 8"

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

Additional area where sheer is less than standard.

Additional area where sheer is less than standard.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
Description of Hatchway	C Deck Freeboard			Deck			B Deck		Freeboard to chain locker
	no. 1.	no. 2.	no. 3.	no. 4.	no. 5.	no. 6.	no. 7.		
Dimensions of Hatchway	9'-4" x 11'-2"	8'-6" x 11'-2"	13'-10" x 15'-10"	11'-3" x 15'-10"	11'-2" x 15'-10"	6'-4" x 6'-2"	7'-9" x 11'-2"	3'-0" x 2'-0"	
COAMINGS	<div> <div> Height above Deck ... 1'-10"</div> <div> Thickness { Sides42" Ends42"</div> <div> Stiffeners ... none</div> <div> Brackets, Stays ... none</div> </div>								

Particulars of any special features:—

The existing freeboard is from D deck (steel main deck) at 4' - 4 1/4". Tropical winter 6 3/4" above and below and allowance of 6 3/4" for fresh water.

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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