

Lloyd's Register of Shipping.  
SURVEYS FOR FREEBOARD.

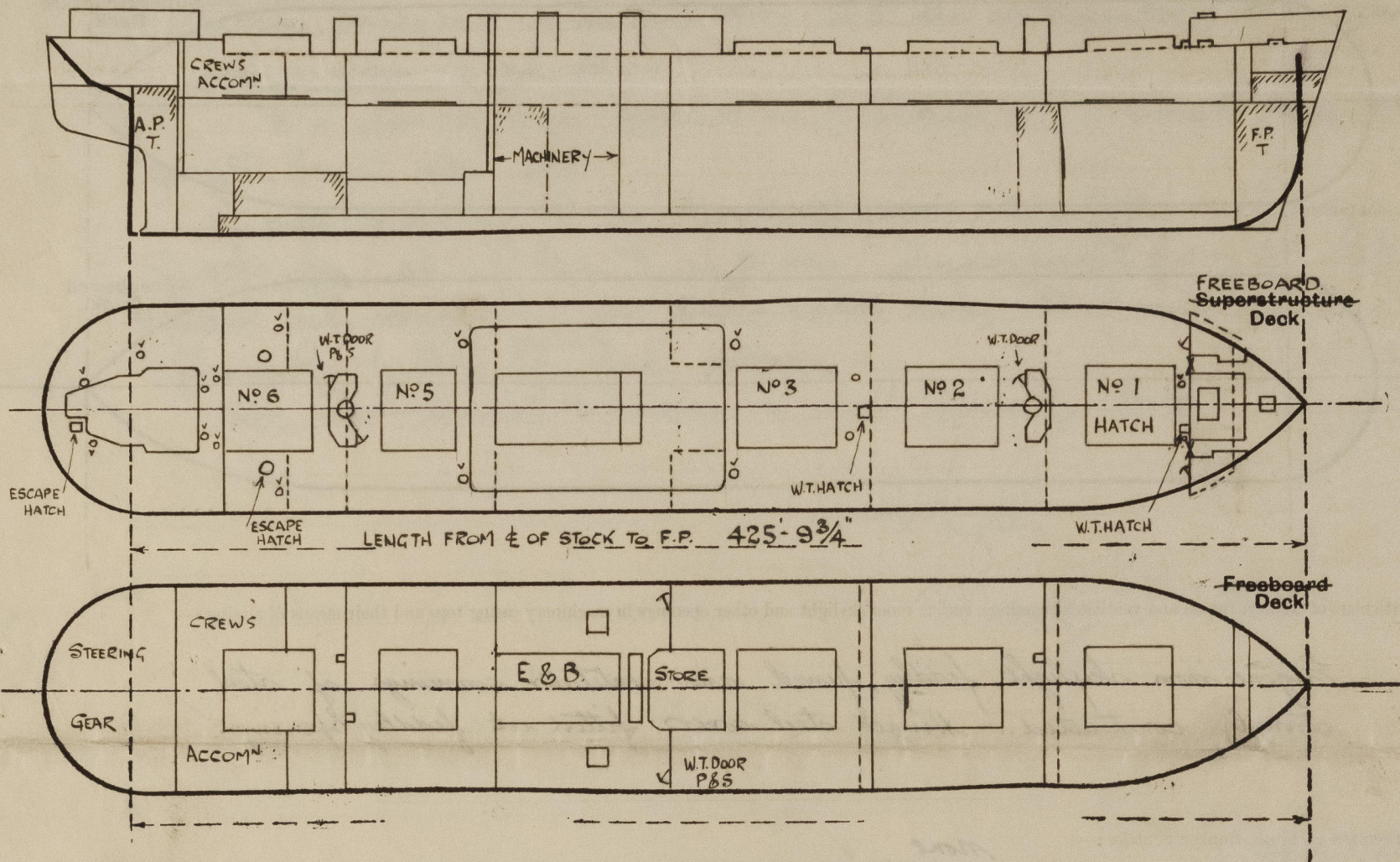
Index No. 37896  
(For London Office only).

Nº 3441

'PLATE SHIPPER' (CONDITIONS OF ASSIGNMENT.)

Ship's Name *2X "EMPIRE NAIROBI" RAVENSHOE* Port of Survey *Sunderland*  
Official Number *18064* Surveyor's Signature *R. M. Wilson*  
Nationality and Port of Registry *British, Sunderland* 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 ... ..	✓	40	6x3x40L 83x40	FLAT WELDED @ 3'-7 3/4"	✓	✓	✓	3'-0" ✓
Raised Quarter Deck Bulkhead ...	✓							
Bridge, After Bulkhead ... ..	✓							
Bridge, Forward Bulkhead ... ..	✓							
Forecastle Bulkhead ... ..	30	30	3 1/2 x 3 1/2 x 3/8 W.T.O.	30	WELDED TO DK.	2 @ 5'-0" x 24" 2 @ 5'-1" x 37"	12"	7'-0" ✓
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 Ships ...	✓							
Particulars of Closing Appliances (state if capable of being manipulated from both sides).								
Poop Bulkhead ... ..	✓							
Raised Quarter Deck Bulkhead ...	✓	<i>No springs.</i>						
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 ...	✓							



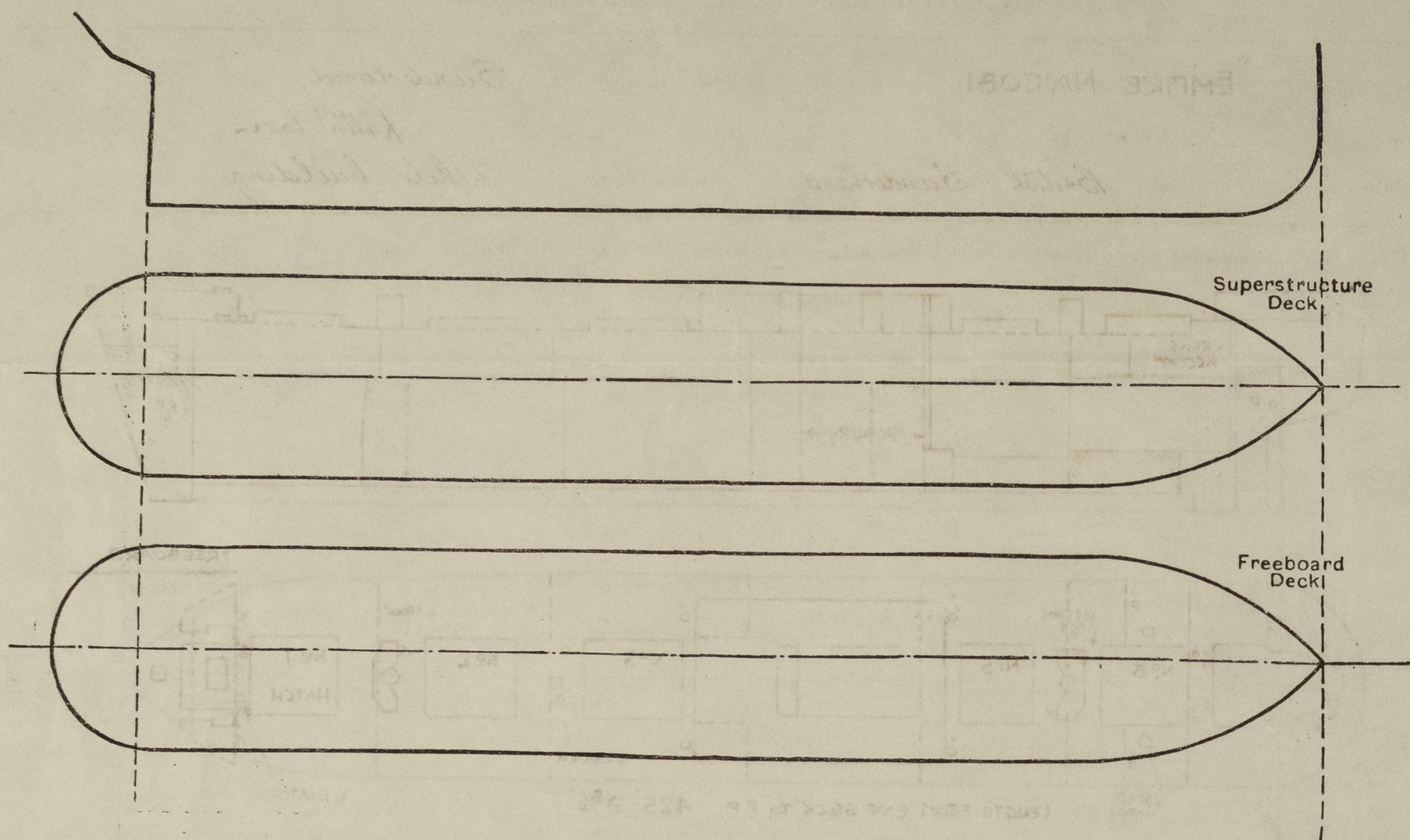
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# PARTICULARS OF PROTECTION TO OPENINGS, ETC.

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, fiddle, funnel, and ventilator coamings of steel strongly constructed. Hinged steel covers fitted at fiddle openings.*

Particulars of Flush Bunker Scuttles:—

*none*

Particulars of Companionways:—

*none*

*Entrance to crew's accom<sup>n</sup> in after deck house, hinged teak doors 1 3/4" thick 5' x 2' - 24" sill. Doors operated from both sides ✓  
Hinged steel W.T. Doors in Mast houses 3' 6" x 1' 6" - 24" sill, operated from both sides. ✓*

Particulars of Ventilators in exposed positions on freeboard and <sup>FORECASTLE</sup> superstructure decks:—

## UPPER DECK

1	COWL VENT	10" DIA	COAMING	34 x 32	TO STEERING GEAR
1	"	6"	"	34 x 30	"
3	"	10"	"	34 x 32	TO ACCOM <sup>n</sup>
2	"	14"	"	34 x 36	"
2	"	12"	"	34 x 34	"
2	- VENTS	18"	"	8' 0" x 40	(STAYED) TO HOLD ✓
2	COWL VENTS	18"	"	10' 3" x 40	do do do ✓
2	"	18"	"	34 x 40	TO HOLD
2	"	18"	"	36 x 40	do do

## G.N.V.'s ON UPPER & FORECASTLE DECKS

*3-6" DIA G.N.V. 36" TO LIP ON FORECASTLE  
3-6" " 36" " " UPPER DECK*

*All ventilators fitted with wood plugs and canvas covers. ✓*

~~2 MUSHROOM VENTS 5" DIA WITH W.T. SCREW TOP TO ACCOM<sup>n</sup>~~  
~~FORECASTLE: 3-6" DIA COAMING 34" x 32" TO ACCOM<sup>n</sup>~~  
4 COWL VENTS 9" DIA COAMING 36 x 32 TO FORECASTLE STORE  
2 " " 6" " 36 x 30 do do

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

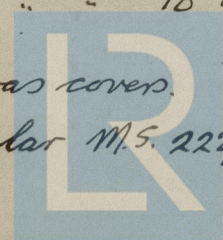
## Upper deck:—

*12-5" Dia. air pipes 30" to lip  
3-4" " " 30" " "  
2-3 1/2" " " 30" " "  
3-3" " " 30" " "*

## Forecastle deck:—

*2-5" Dia air pipes 18" to lip  
1-4" " " 18" " "*

*Air pipes fitted with wood plugs or gauge and canvas covers.  
3/8" dia snifter holes in goosenecks as per Circular M.S. 222/44.*



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Particulars of Scuppers and Sanitary Discharge Pipes :—

Particulars of Side Scuttles:—

Vertical distance of Sill of lowest Side Scuttle above top of keel.....35'-0"

### Particulars of Guard Rails :—

Particulars of Gangways, Lifelines, etc. :—

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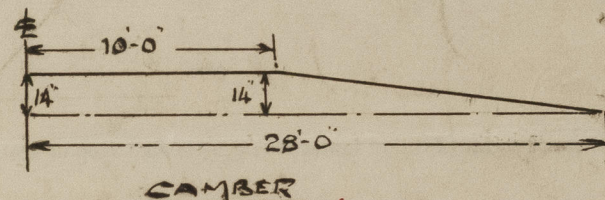
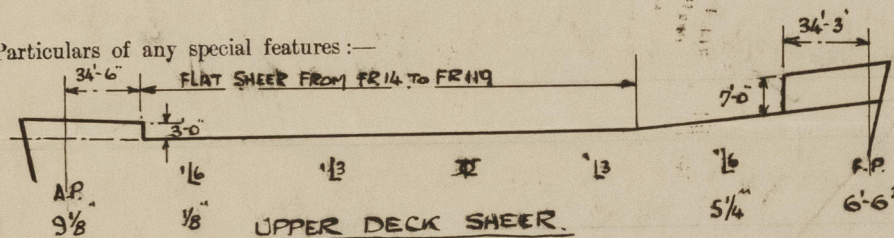


# PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.											W.T. ESCAPE HATCHES ON	ESCAPE HATCHES FROM ACCOM.
FREEBOARD DECK.											UPPER DK.	UPPER DK.
Description of Hatchway	NO 1	NOS 2 & 3	NO 5	NO 6	CASING TOP 2 OFF	FOCLE DECK	UPPER DK IN FOCLE	UPPER DK IN FOCLE	3-OFF	2-OFF		
Dimensions of Hatchway	31'6" x 23'	36' x 23'	36' x 23'	36' x 23'	19'7" x 9'0"	6'1" x 4'2"	3'9" x 2'10"	6'6" x 4'6"	2'1" x 2'1"	2'4" DIA x 6' COAMING		
COAMINGS												
Height above Deck	30"	30"	42"	54"	12"	30"	9"	9"	9" x 50"	MECHAN'S TYPE		
Thickness	.44	.44	.44	.44	12 x 3 1/2 x 45L	.44	9 x 3 1/2 x 45L	9 x 3 1/2 x 40L	✓	✓		
Stiffeners	9 x 3 1/2 x 46L	12 x 3 1/2 x 46L	9 x 3 1/2 x 46L	9 x 3 1/2 x 46L	✓	✓	✓	✓	✓	✓		
Brackets, Steps	3-40 BKT	do	do	do	✓	✓	✓	✓	✓	✓		
HATCH BEAMS												
Number	6	7	7	7	equal							
Spacing	equal	equal	equal	equal	equal							
Scantling and Sketch	5 x 3 x 46 18 x 36 5 x 3 x 46	do	do	do	4 x 3 x 44 16 x 36 4 x 3 x 44	✓	✓	✓	✓	✓		
Bearing Surface	3	3	3	3	3							
FORE AND AFTERS												
Number												
Spacing												
Unsupported Lengths												
Scantling and Sketch	NONE	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Bearing Surface												
HATCH COVERS												
Material	W.W.	W.W.	W.W.	W.W.	W.W.	W.W.	W.W.	W.W.	HINGED STEEL	HINGED STEEL		
Thickness	3"	3"	3"	3"	2 1/2"	3"	2 1/2"	3"	SECURED BY	TOSSLES		
How fitted	F.B.A.	F.B.A.	F.B.A.	F.B.A.	F.B.A.	THWART.	F.B.A.	THWART.				
Bearing Surface	3	3	3	3	3	3	3	3				
Spacing of Cleats	24	24	24	24	24	24	24	24				
Number of Tarpaulins	3	3	3	3	3	3	1	1				

\*Are wood fore and afters steel shod at all bearing surfaces? NONE  
 Are battens and wedges efficient and in good condition? YES  
 Are tarpaulins in good condition and in accordance with rule requirements? YES  
 Are lashings provided in accordance with rule requirements? LOCKING BARS.

Particulars of any special features:—



Equivalent Camber  
 Area  $(20 + 18) \times 14/2 = 44.33 \text{ sf.}$   
 mean height  $= \frac{44.33}{58} = .764$   
 $\therefore \text{Eql camber} = .764 \times 1.5 \times 12 = 13.75$   
 $14.25$

This vessel has been built to scantlings as per plans approved 29/10/43 in order to obtain a draught in excess of that permitted by the Rules for a C.S.S. vessel having a tonnage opening. ✓  
 Pre-fabricated materials have been incorporated in the vessel.

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.