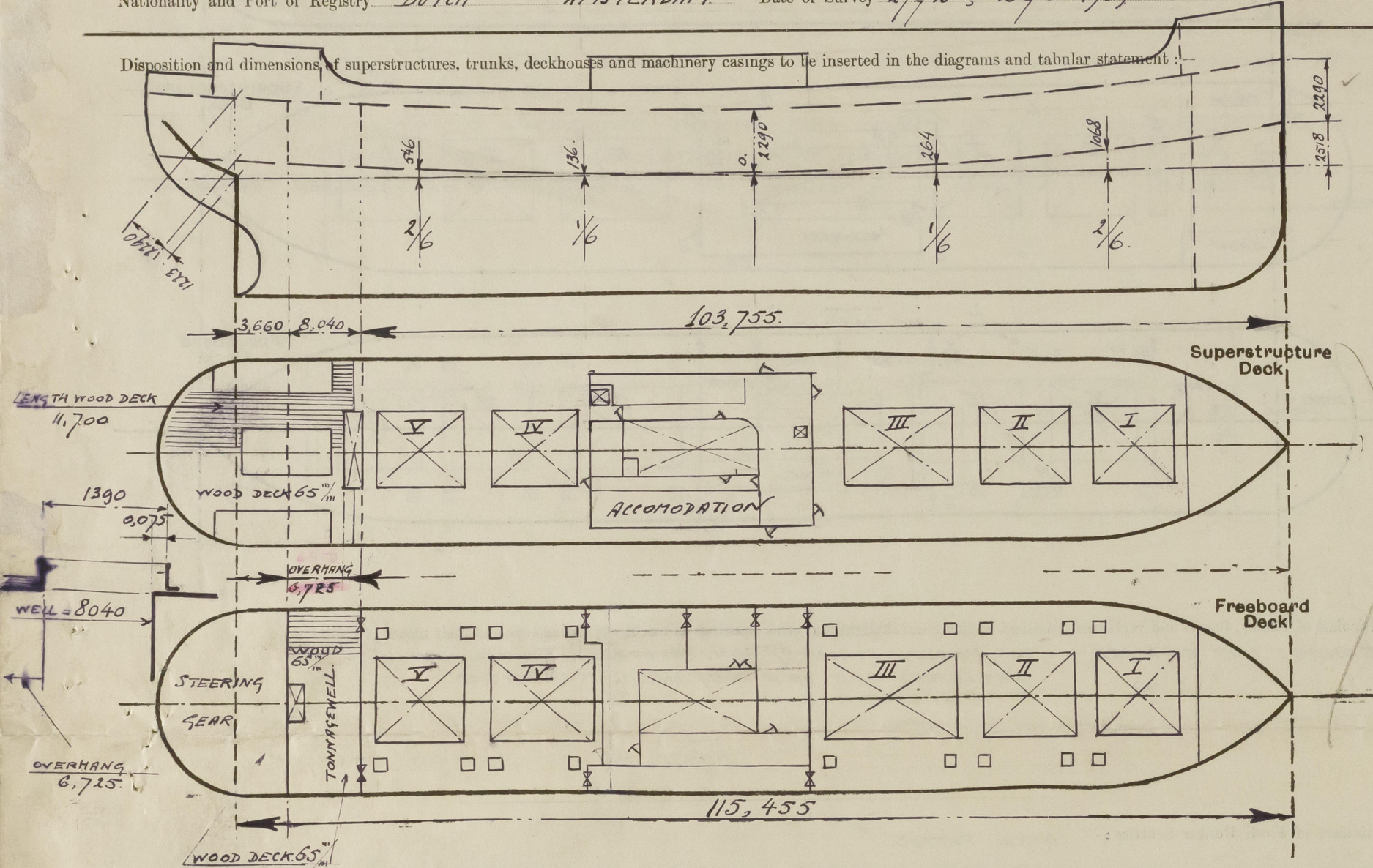


Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.
(CONDITIONS OF ASSIGNMENT.)

N^o 27939.
MAR -9 1939

Ship's Name *MV "NIGERSTROOM"* Port of Survey *ROTTERDAM*
Official Number *✓* Surveyor's Signature *Th. van der Neel*
Nationality and Port of Registry *DUTCH AMSTERDAM* Date of Survey *27/2 ; 26/3-1939*

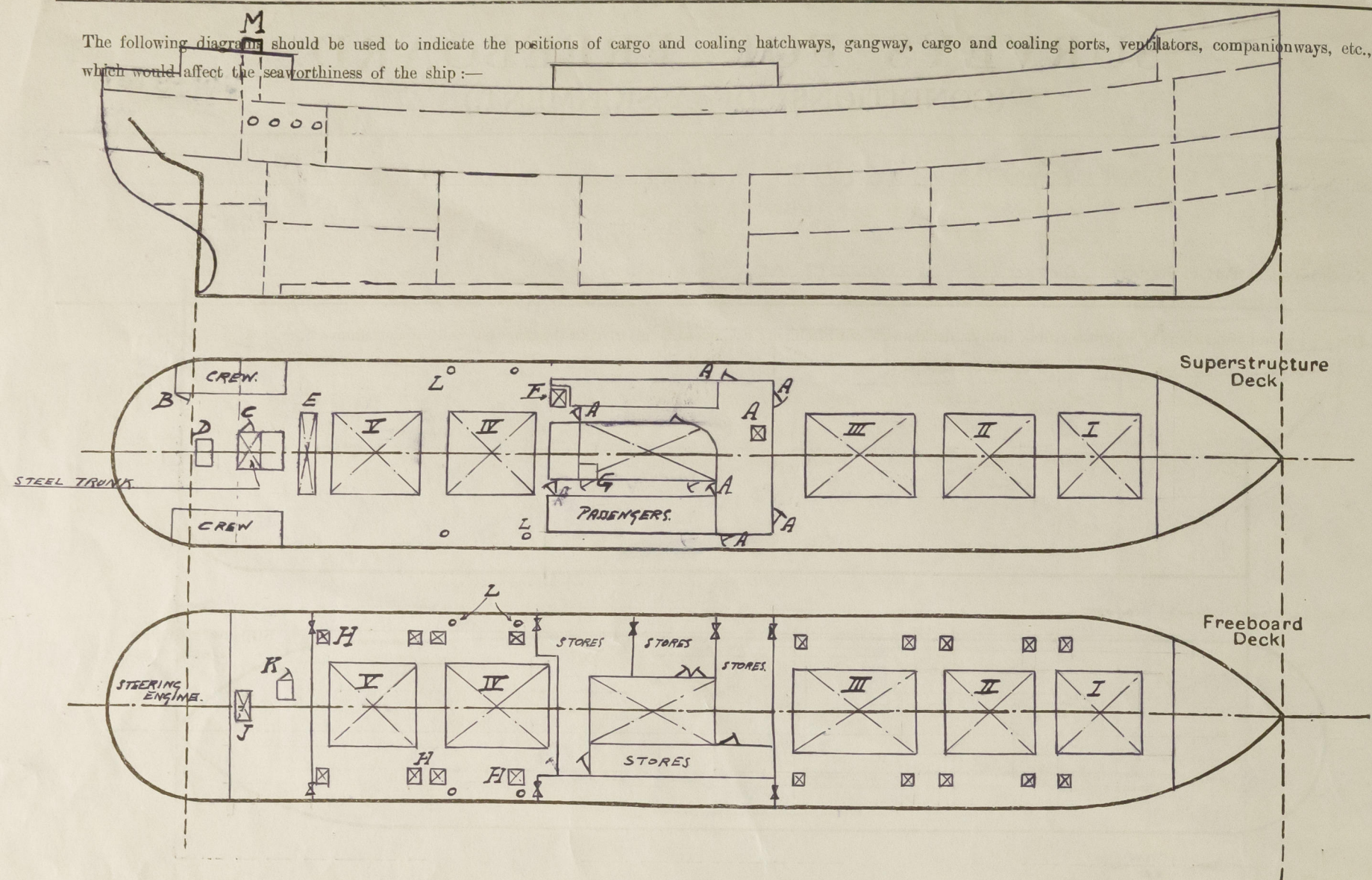


Particulars of Superstructures, Trunks, Casings, Deckhouses.								
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	300 x 6 1/2	✓ 6 1/2	✓ 100.65.8	✓ 29"	✓	NO OPENINGS.		
Raised Quarter Deck Bulkhead ...	✓							
Bridge, After Bulkhead ...	✓	6 1/2	✓ 100.65.8	✓ 29"	✓	1255 x 940	500	
Bridge, Forward Bulkhead ...	✓							
Forecastle Bulkhead ...	✓							
Trunk, Aft ...	✓							
Trunk, Forward ...	✓							
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓							
Exposed Machinery Casings on Superstructure Decks ...	300 x 9	6 1/2	✓ 75.65.8	31 1/4	BRITS AT TOP.	1 ON PORTSIDE 1985 x 1490	240	
Machinery Casings within Superstructures not fitted with Class I Closing Appliances <i>IN SMELTER TWEENDECK.</i>								
Deckhouses on Flush Deck Ships ...	✓							

Particulars of Closing Appliances (state if capable of being manipulated from both sides).	
Poop Bulkhead ...	NO OPENINGS. ✓
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead ...	PORTABLE STEEL PLATES ON HOOKBOLTS. ✓
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 ...	ORDINARY HINGED STEEL DOOR, OPERATED FROM BOTH SIDES. ✓
Deckhouses on Flush Deck Ships ...	✓

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

The following diagram 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:—
CASINGS NOT EXPOSED - TOP FIDDLE STRONGLY CONSTRUCTED. FUNNEL, SKYLIGHT AND VENTILATORS ARE OF A SUBSTANTIAL CONSTRUCTION. NO FIDDLE GRATTINGS.

Particulars of Flush Bunker Scuttles:— NONE FITTED.

Particulars of Companionways:—
A THERE IS A FLUSH STAIRWAY INSIDE THE BIG DECKHOUSE. DOORS IN FRONT ARE WATERTIGHT. DOORS AT SIDES ARE WATERTIGHT. DOORS IN ALLEYWAY HAVE SILLS 18"
B ACCESS TO STEERING ENGINE. ORDINARY HINGED STEEL DOOR. OPERATED FROM BOTH SIDES 18" ABOVE WOOD DECK.
C WATERTIGHT HINGED STEEL DOOR, OPERATED FROM BOTH SIDES WITH 6 CLEATS. GIVING ACCESS TO STEEL TRUNKED HATCHWAY. THIS HATCHWAY ON THE TOP OF THE HOUSE SEE PAGE 4.

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

SHELTERDECK FORWARD: 2 VENTS. DIA. 15" COAMING 915 x .48"
2 " " 15" " 800 x .48"
2 " " 21" " 800 x .48"
2 " " 10" " 800 x .40"
SHELTERDECK AFT: 2 " " 21" " 34" x .48"
2 " " 18" " 31" x .48"
2 " " 19 1/2" " 31" x .48"

WOOD PLUGS AND CANVAS COVERS AVAILABLE.

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

SHELTERDECK: 30 GOOSENECKS 860" HIGH. HINGED STEEL CAPS WITH WIRE GAUZE DIAPHRAGMS OR WOOD PLUGS.

Particulars of Gangway Cargo and Coaling Ports:— NONE FITTED

Particulars of Scuppers and Sanitary Discharge Pipes:—

SHELTERDECK DRAINS OVERBOARD THROUGH SCUPPERHOLES IN STRINGER ANGLE.
SHELTER TWEENDECKSPACE DRAINS TO A WASTEWATER TANK SITUATED IN THE ENGINE ROOM. SAME IS EMPTIED BY THE BILGE PUMP.
SANITARY DISCHARGES DRAIN OVERBOARD WITH CAST STEEL STORM VALVES ON THE SHELL. STEEL PIPES OF STEAMPIPE QUALITY WITH ROLLED FLANGES. INNER OPENINGS OF SANITARY DISCHARGES ARE ALL SITUATED ABOVE THE FREEBOARD DECK.
TONNAGE WELL DISCHARGES OVERBOARD THROUGH EACH SIDE A 5" SCREW DOWN NON RETURN VALVE OF CAST STEEL, OPERATED FROM THE SHELTERDECK WITH INDICATOR.
TWEENDECK FORWARD AND TWEENDECK AFT ARE DRAINED BY A HAND PUMP.

Particulars of Side Scuttles:—

IN TONNAGE WELL: OF A SUBSTANTIAL CONSTRUCTION AND FITTED WITH HINGED STEEL DEADLIGHTS.

Vertical distance of Sill of lowest Side Scuttle above top of keel 11, 288 M.

Particulars of Guard Rails:— ROUND SHELTERDECK A BULWARK. 1100 HIGH. PROFILE 165. STANCHIONS 180 x 9 x 1600.
ROUND SUPERSTRUCTURES ON SHELTERDECK OPEN GUARDRAIL 3 OR 4 RODS. 1100 HIGH.

Particulars of Gangways, Lifelines, etc.:—

NO FREEING PORTS IN TONNAGEWELL. Particulars of Freeing Arrangements.						
	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
SHELTERDECK BULWARKS FORM NO WELLS.						
After Well ...	80.82		1.60 x 0.20 M.	5	1.60 M ²	2.462 M ² for 7L
Forward Well ...			1.60 x 0.20 1.37 x 0.20	5 1	1.88 M ²	

State position of each freeing port ... (F. and A. position and height above deck edge) ... AND EACH SIDE 2 PORTS ABREAST CENTRAL DECKHOUSE.
SILLS ARE 270"

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.											
		ON SHELTER DECK					ON FREEBOARD DECK				
Description of Hatchway		I	II	III	IV	V	I	II	III	IV	V
Dimensions of Hatchway		8209 x 5158	9589 x 5158	6389 x 5158	9589 x 5152	9589 x 5158	9601 x 5156	9611 x 5156	9611 x 5154	12011 x 5154	9611 x 5154
COAMINGS	Height above Deck	11	11	760	14	11		300	90	13	
	Thickness	11	11	11	11	11					
	Sides										
	Ends										
Stiffeners											
Brackets, Stays			BA. 8. 3 1/2 x .46								
HATCH BEAMS	Number	4	5	3	5	5	5	5	5	6	5
	Spacing			EQUAL					EQUAL		
	Scantling and Sketch										
	Bearing Surface	400 x 9		300 x 8					400 x 9		
FORE AND AFTERS	Number										
	Spacing										
	Unsupported Lengths										
	Scantling* and Sketch										
Bearing Surface											
HATCH COVERS	Material		WHITE PINE					WHITE PINE			
	Thickness		61					61			
	How fitted		FORE AND AFT					FORE AND AFT			
	Bearing Surface		75 AND 90					75 AND 90			
Spacing of Cleats			NOT EXCEEDING 24					24			
Number of Tarpaulins			2					1			

*Are wood fore and afters steel shod at all bearing surfaces? ☒

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? OVER EVERY SECTION OF HATCHES A LOCKING BEAM 100 x 50 x 1/8, FASTENED WITH TOSSELS

Particulars of any special features:—

- D IS A STEEL SKYLIGHT ON THE SHELTER DECK, OVERHEAD THE STEERING ENGINE. HEIGHT OF OPENING 14" ABOVE WOOD DECK. HINGED STEEL FLAPS.
- E IS THE TONNAGE HATCH. 1390 x 5158. COAMING 11 x 3 1/2 x 48. EFFICIENT TEMPORARY COVERS.
- F IS A STORE HATCH AT THE AFTEREND OF THE CENTRAL DECKHOUSE. 1100 x 1200. COAMING 790 x 11. HINGED STEEL COVER. 48. FASTENED WITH 8 TOSSELS.
- H ARE TRIMMING OR ESCAPE HATCHES IN THE FREEBOARD DECK: 810 x 610. COAMING 9 1/4 x 3 1/2 x 46. HATCHES WHITE PINE 61. BEARING 2 1/2. COMPLETE BATTENING ARRANGEMENT.
- J IS A SMALL CARGO HATCH IN THE TONNAGE WELL 2490 x 1670. COAMING 13 1/4 x 3 1/2 x 48. HATCHES WHITE PINE 61. BEARING 75. TWO TARPULINS, FASTENED WITH A BOLTED BATTEN ALL ROUND AND 2 BOLTED CLEATS ACROSS.
- K TUNNEL ESCAPE IN TONNAGE WELL. ORDINARY HINGED STEEL DOOR, OPERATED FROM BOTH SIDES; SILL 15" ABOVE WOOD DECK.
- L ARE HAWSEPIPES IN SHELTER AND FREEBOARD DECK, OVERHEAD N° II HOLD. SUBSTANTIALLY CONSTRUCTED, DIAMETERS 12" AND 12". HEIGHTS 11 1/2 AND 9 1/2, CLOSED WITH W.T. BOLTED COVERS.
- M HATCHWAY ON TOP OF BOAT DECK AFT WITH STEEL TRUNK DOWN TO TONNAGE WELL. 1803 x 2484. COAMING 760 x 8. COMPLETE BATTENING ARRANGEMENT.

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.