

JUL -9 1938

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

16359

SMITH'S DECK CO LTD 1038

Ship's Name *SA AVILA*

Port of Survey *MIDDLESBROUGH*

Official Number

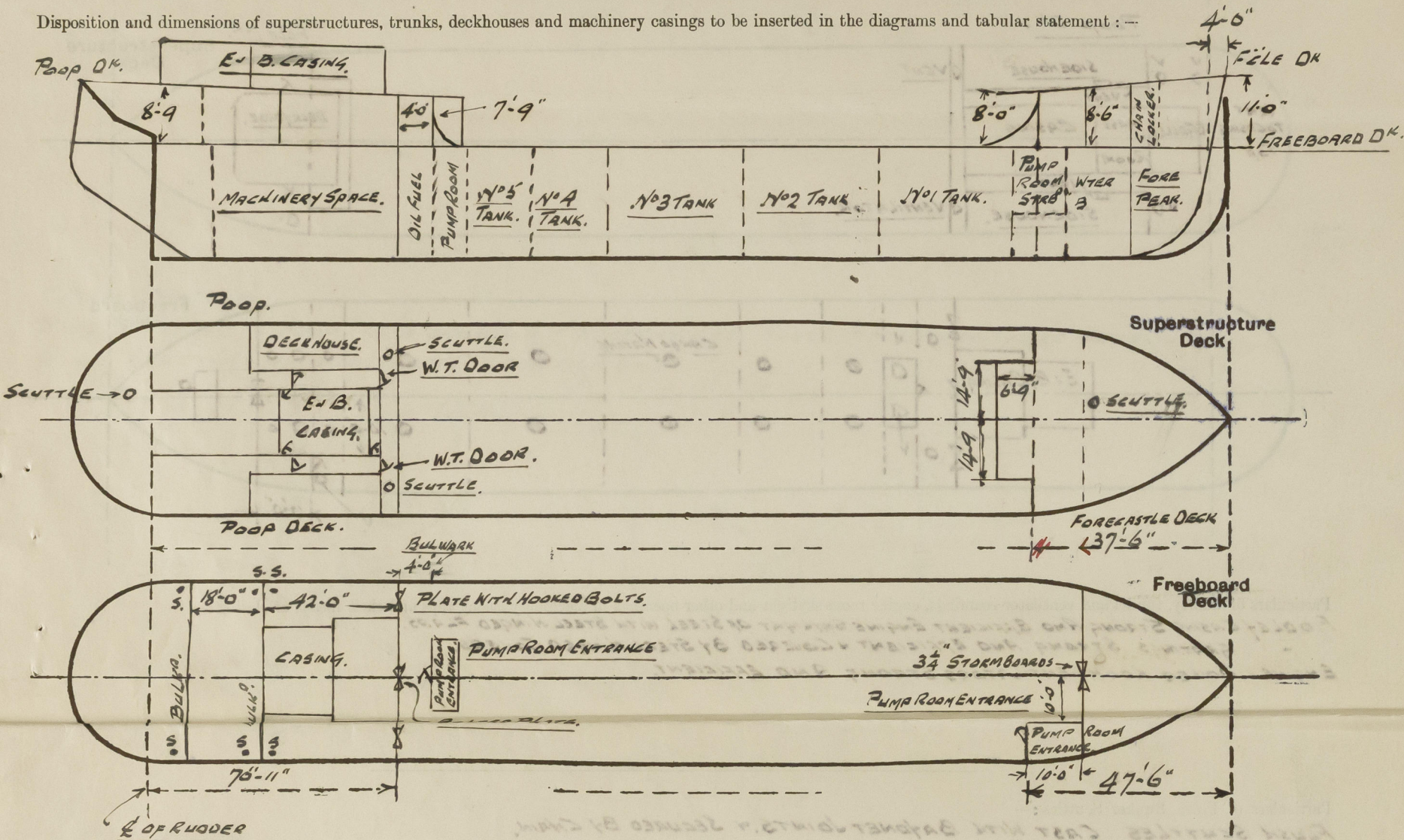
*166529*

Surveyor's Signature *Cyril B. Seaton*

Nationality and Port of Registry *BRITISH*

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 ... ..	PLATED VERT	30"	6-3 1/2 x 44"	30"	BKS AT TOP LAPPEL AT BTM	5'-3" x 4'-0 1/2"	1'-11"	7'-9"
Raised Quarter Deck Bulkhead ...	✓							
Bridge, After Bulkhead ... ..	✓							
Bridge, Forward Bulkhead ... ..	✓							
Forecastle Bulkhead ... ..	PLATED VERT	25"	3-38" I 2-38"	36"	✓	5'-3" x 4'-0 1/2"	1'-11"	8'-6"
Trunk, Aft ... ..	✓							
Trunk, Forward ... ..	✓							
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓							
Exposed Machinery Casings on Superstructure Decks ... ..		30"	3 1/2 x 30"	2'-6"	BKS ON TOP ALT	5'-0" x 2'-0"	1'-6"	7'-3"
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... ..	PLATED VERTICALLY	30	4" x 34"	2'-6"	BKS AT TOP ON ALTERNATE	✓	✓	✓
Deckhouses on Flush Deck Ships ...	✓							

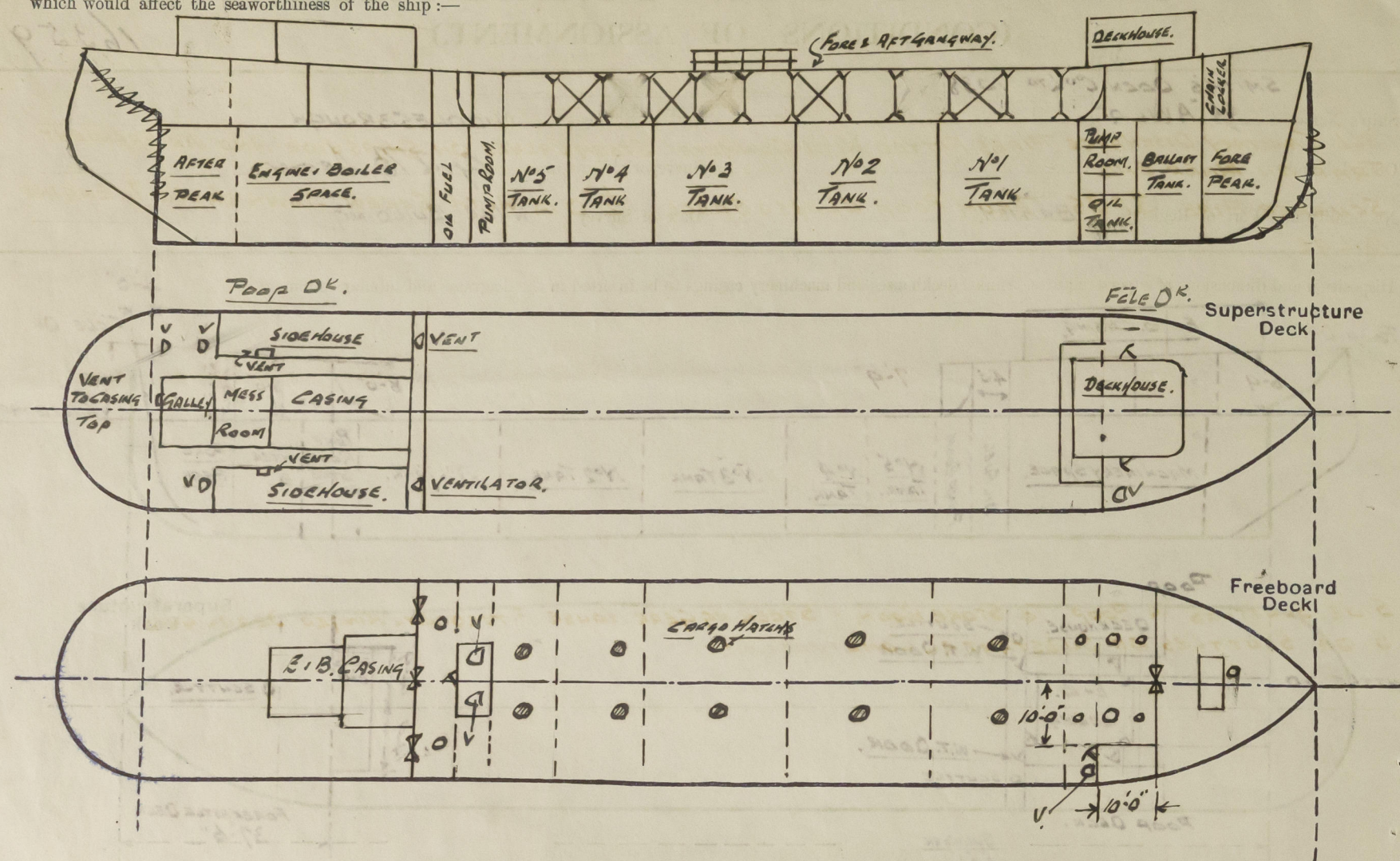
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead ... ..	<i>Portale</i> PLATES WITH HOOKED 3/4 BOLTS ABOUT 12" APART. ✓
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead ... ..	✓
Bridge, Forward Bulkhead ... ..	✓
Forecastle Bulkhead ... ..	STORM BOARDS IN RELOD CHANNELS 3 1/4" THICK. ✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓
Exposed Machinery Casings on Superstructure Decks ... ..	STEEL HINGED DOOR P-S MANIPULATED FROM BOTH SIDES. ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... ..	NO OPENINGS. ✓
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 :-  
 FIDDLE CASING STRONG AND EFFICIENT ENGINE SKYLIGHT OF STEEL WITH STEEL HINGED FLAPS.  
 VENTILATOR STRONG AND EFFICIENT COVERED BY STEEL HINGED COVERS.  
 ENGINE & BOILER ROOM VENTILATORS STRONG AND EFFICIENT.

## Particulars of Flush Bunker Scuttles :-

FLUSH SCUTTLES CAST WITH BAYONET JOINTS & SECURED BY CHAIN.

- 1 ON FORECASTLE DECK TO FEEL TWEEN DECK
- 2 ON FORE END POOP " POOP "
- 1 ON AFTER " " TO STEERING GEAR

## Particulars of Companionways :-

(ART) PUMP ROOM ENTRANCE. 15'-0" x 7'-8" BY 6'-9" HIGH. 35 PLATING WT. DOOR 4'-6" x 2'-0" SILL 1'-6" MANIPULATED FROM BOTH SIDES. STIFFENERS 6" x 3/4" x 44" TO PLATING 30" APART.

(FNR) PUMP ROOM ENTRANCE WT. DOOR ON AFTER END 5'-0" x 2'-0" SILL 1'-6" MANIPULATED FROM BOTH SIDES. PLATING 30" STIFFENERS 3" x 3/8" FLATS FACE PLATES 2" x 3/8" I 36" APART. PLATING 30"

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

- VENTILATORS ON FORECASTLE DECK TO PUMP ROOM ENTRANCE. 6" DIA COAMING 3'-0" x 3'-0" 1 OFF.
- FORECASTLE DECK TO PUMP ROOM. 12" - 11'-0" x 3'-4" 1 OFF. STAYED.
  - ON PUMP ROOM TOP TO PUMP ROOM. 18" - 2'-6" x 4'-0" 2 OFF.
  - ON POOP DECK TO POOP SPACE. 12" - 9'-3" x 3'-4" 2 OFF. STAYED.
  - " " " " 9" - 2'-6" x 3'-2" 2 OFF.
  - " " " " 6" - 2'-6" x 3'-0" 1 OFF.
  - CASING TOP TO POOP SPACE. 6" - 2'-0" x 2'-5" 1 OFF.
  - POOP DECK TO " " 12" - 2'-0" x 3'-4" 2 OFF.

ALL VENTILATORS CONSTRUCTED ACCORDING TO RULES AND REGULATIONS AND COAMINGS CLOSED WITH WOOD PLUGS AND CANVAS COVERS.

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

- AIR PIPE ON POOP DECK TO B.B. COFFERDAM IN E.B. ROOM 1 OFF PORT SIDE. 2' DIA 1'-6" HIGH.
- " " " " TO AFTER PEAK. 1 OFF 2'-4" x 1'-6" -
  - " " " " TO D.B.T. 1 OFF 2" x 1'-6" -
  - " " " " 2 OFF 2" x 1'-6" -
  - " " " " 2 OFF 4" TO HEIGHT OF POOP DECK
  - " " " " D.B. COFFERDAM. 1 OFF 2" x 3'-0" HIGH.
  - " " " " FORECASTLE DECK TO FORE DEEP TANK. 2 OFF 2'-4" x 1'-6" -
  - " " " " TO FORE PEAK. 1 OFF 2'-4" x 1'-6" -
  - " " " " FORECASTLE DECK TO DIESEL OIL TANKS 2 OFF 4" x 3'-0" HIGH.

ALL AIR PIPES TO OIL FUEL TANKS FITTED WITH METAL GRUZE REMAINDER OF AIR PIPES FITTED WITH WOOD PLUGS AND CANVAS COVERS.

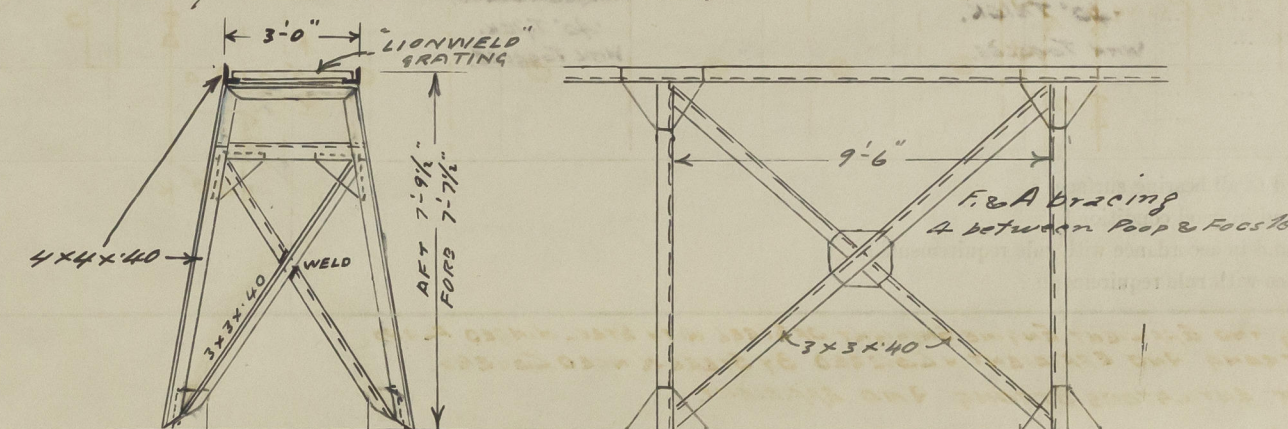
## Particulars of Gangway Cargo and Coaling Ports :-

## Particulars of Scuppers and Sanitary Discharge Pipes :-

ALL SANITARY DISCHARGE PIPES FITTED WITH GUNMETAL STORM VALVES ON SHIPS SIDE AND AN EFFICIENT TRAP ON INNER END. ✓  
 SCUPPER PIPE 3" P.S. FROM POOP CLOSED SPACE 1 1/2" DIA WITH SCREW DOWN VALVE TO ENGINE BILGE.

## Particulars of Side Scuttles :-

SIDE SCUTTLES IN POOP TO STORE ROOM & STEERING GEAR HOUSE FITTED WITH HINGED DEADLIGHTS. ✓  
 SIDE SCUTTLES OF SUBSTANTIAL CONSTRUCTION.



Vertical distance or sill of lowest side scuttle above top of keel

22'-9"

## Particulars of Guard Rails :-

GUARD RAILS ON FORECASTLE DECK 3'-6" HIGH. 2 ROOS WITH STANCHIONS 5'-0" APART.  
 - " " " " FREEBOARD - 3'-6" - 2 - " - 5'-0" -  
 - " " " " POOP - 3'-6" - 2 - " - 5'-0" -

## Particulars of Gangways, Lifelines, etc. :-

Gangway FROM POOP TO FORECASTLE DECK GRATING EFFICIENTLY SUPPORTED BY STEEL STANCHIONS 9'-6" APART, HAND RAILS 3'-6" HIGH, 2 ROOS WITH STANCHIONS 4'-9" APART. AS PER APPROVED PLAN. ✓

NO LIFELINES FITTED. ✓

## 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 ... ..			✓			
Forward Well ... ..			✓			

State position of each freeing port ... .. { After Well :-

(F. 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.									
CARGO HATCHES ON FREEBOARD DECK.					OIL BUNKER ON FREEBOARD DECK.				
Description of Hatchway	...	...	...	OIL TIGHT. 10 PFF.				HATCHES OIL TIGHT 4 OFF.	
Dimensions of Hatchway	...	...	...	36" DIA. ✓				30" DIA.	
COAMINGS	{	Height above Deck	...	30" ✓				30"	
		Thickness	...	40" ✓				40"	
		Sides	...						
		Ends	...						
		Stiffeners	...	✓				✓	
		Brackets, Stays	...	✓				✓	
HATCH BEAMS	{	Number	...						
		Spacing	...						
		Scantling and Sketch	...						
		Bearing Surface	...	✓				✓	
FORE AND AFTERS	{	Number	...						
		Spacing	...						
		Unsupported Lengths	...	✓					
		Scantling* and Sketch	...						
		Bearing Surface	...						
HATCH COVERS	{	Material	...	STEEL OIL TIGHT				STEEL OIL TIGHT	
		Thickness	...	HINGED COVERS				HINGED COVERS.	
		How fitted	...	40" THICK. ✓				40" THICK.	
		Bearing Surface	...	WITH Toggles.				WITH Toggles.	
Spacing of Cleats	...	...	...						
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 :—

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.