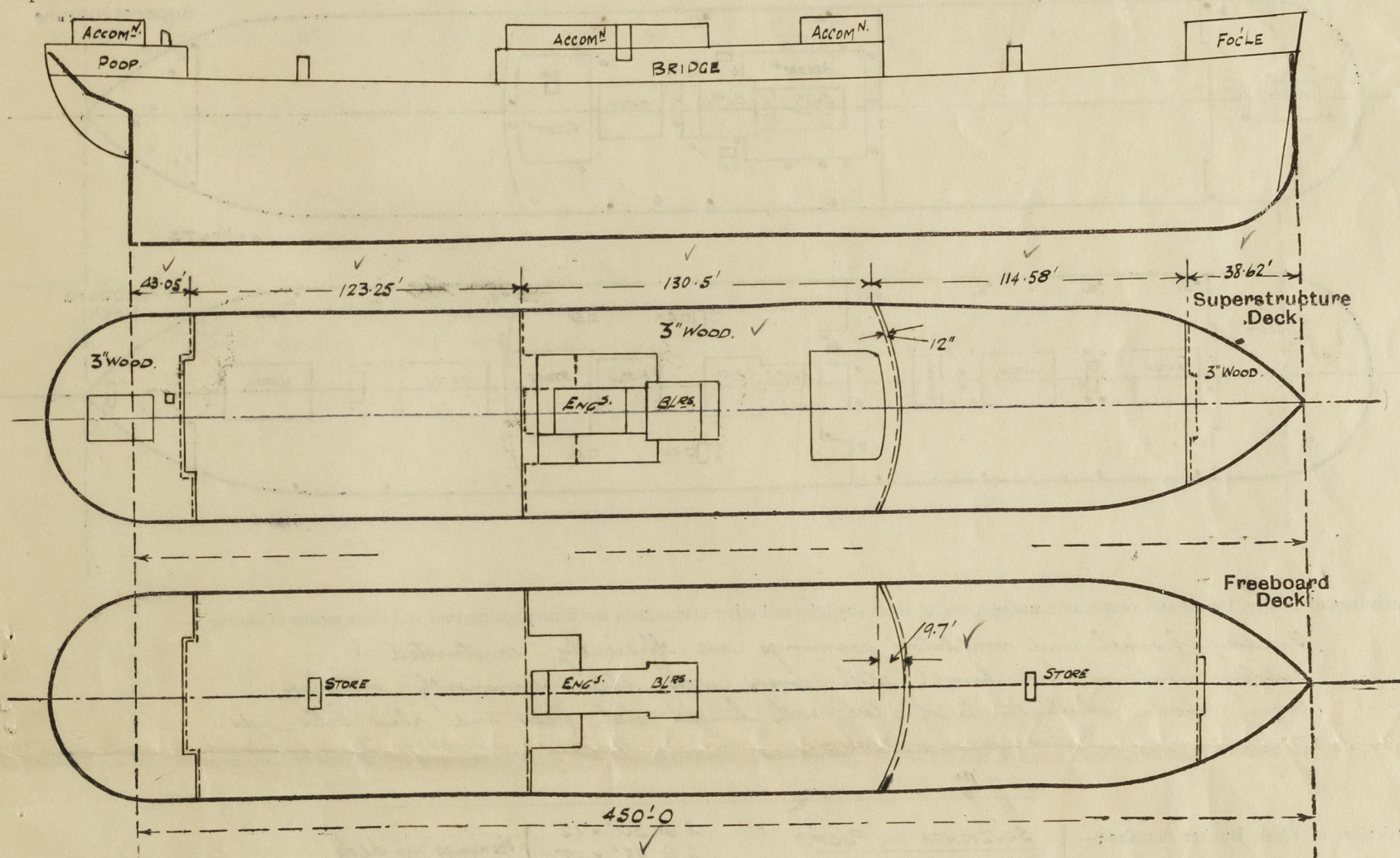


## Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.  
(CONDITIONS OF ASSIGNMENT.)Ship's Name 'TURKISTAN'Port of Survey NEWCASTLE ON TYNEOfficial Number 167156Surveyor's Signature J. RennieNationality and Port of Registry BRITISH. LONDON.Date of Survey Whilst 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<br>INS.          | Plating<br>INS.      | Stiffeners<br>INS.             | Spacing<br>INS.            | End Attachments<br>of Stiffeners | Size of Openings  | Height of<br>Sills<br>INS.     | Height of<br>Casings |
|---|--------------------------|----------------------|--------------------------------|----------------------------|----------------------------------|---|--------------------------------|----------------------|
| Poop Bulkhead ...   | .40 ✓                    | .38 ✓                | 6x3x.44 NBS.<br>6x3x.32 NBS. ✓ | 35/4 CENTRE<br>30 SIDES ✓  | LUGS ✓                           | 3 @ 4'6" x 2'0" ✓<br>1 @ 4'6" x 2'0" ✓                      | 18 ✓<br>20 ✓                   | ✓                    |
| Raised Quarter Deck Bulkhead ...  | ✓                        | ✓                    |                                |                            |                                  | 2 @ 4'6" x 3'2" ✓<br>3 @ 4'6" x 2'0" ✓<br>1 @ 4'6" x 2'0" ✓ | 24 ✓<br>26 To E. RM. ✓<br>20 ✓ |                      |
| Bridge, After Bulkhead ...  | .36 ✓<br>.32 ✓           | .36 ✓<br>.30 ✓       | 4x3x.32 L ✓                    | 30 ✓                       | NONE ✓                           | 2 @ 4'6" x 2'0" ✓<br>2 @ 4'6" x 3'0" ✓                      | 20 ✓<br>18 ✓                   |                      |
| Bridge, Forward Bulkhead ...  | .46 ✓                    | .44 ✓                | 9 1/2 x 3 1/2 x .50 RBS. ✓     | 30 ✓                       | LUGS ✓                           | 2 @ 4'6" x 3'0" ✓<br>2 @ 4'6" x 2'0" ✓                      | 18 ✓<br>75 ✓                   |                      |
| Forecastle Bulkhead ...   | .32 ✓                    | .30 ✓                | 4x3x.32 L ✓                    | 30 - 36 ✓                  | NONE ✓                           | 1 @ 5'1" x 4'1" ✓<br>2 @ 4'6" x 2'0" ✓<br>1 @ 4'9" x 2'2" ✓ | 18 ✓<br>18 ✓<br>18 ✓           | ✓                    |
| Trunk, Aft ...  | ✓                        |                      |                                |                            |                                  |   |                                |                      |
| Trunk, Forward ...  | ✓                        |                      |                                |                            |                                  |   |                                |                      |
| Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...                      | ✓                        |                      |                                |                            |                                  |   |                                |                      |
| Exposed Machinery Casings on Superstructure Decks ...                                   | E.S. .32 ✓<br>B.S. .34 ✓ | .26 ✓<br>.30 ✓       | 4x3x.34 L ✓<br>4x3x.42 L ✓     | 33 - 39 ✓<br>29 - 31 1/4 ✓ | NONE                             | 4 @ 4'6" x 2'0" ✓   | 15 ✓                           | 8'0" ✓               |
| Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... | E.S. .36 ✓<br>B.S. .36 ✓ | .26 ✓<br>.30 - .26 ✓ | 4x3x.34 L ✓<br>4x3x.42 L ✓     | 33 - 39 ✓<br>29 - 31 1/4 ✓ | NONE                             | 2 @ 3'0" x 1'6" ✓   | 9 1/2 ✓                        | 9'0" ✓               |
| Deckhouses on Flush Deck Ships ...  | ✓                        |                      |                                |                            |                                  |   |                                |                      |

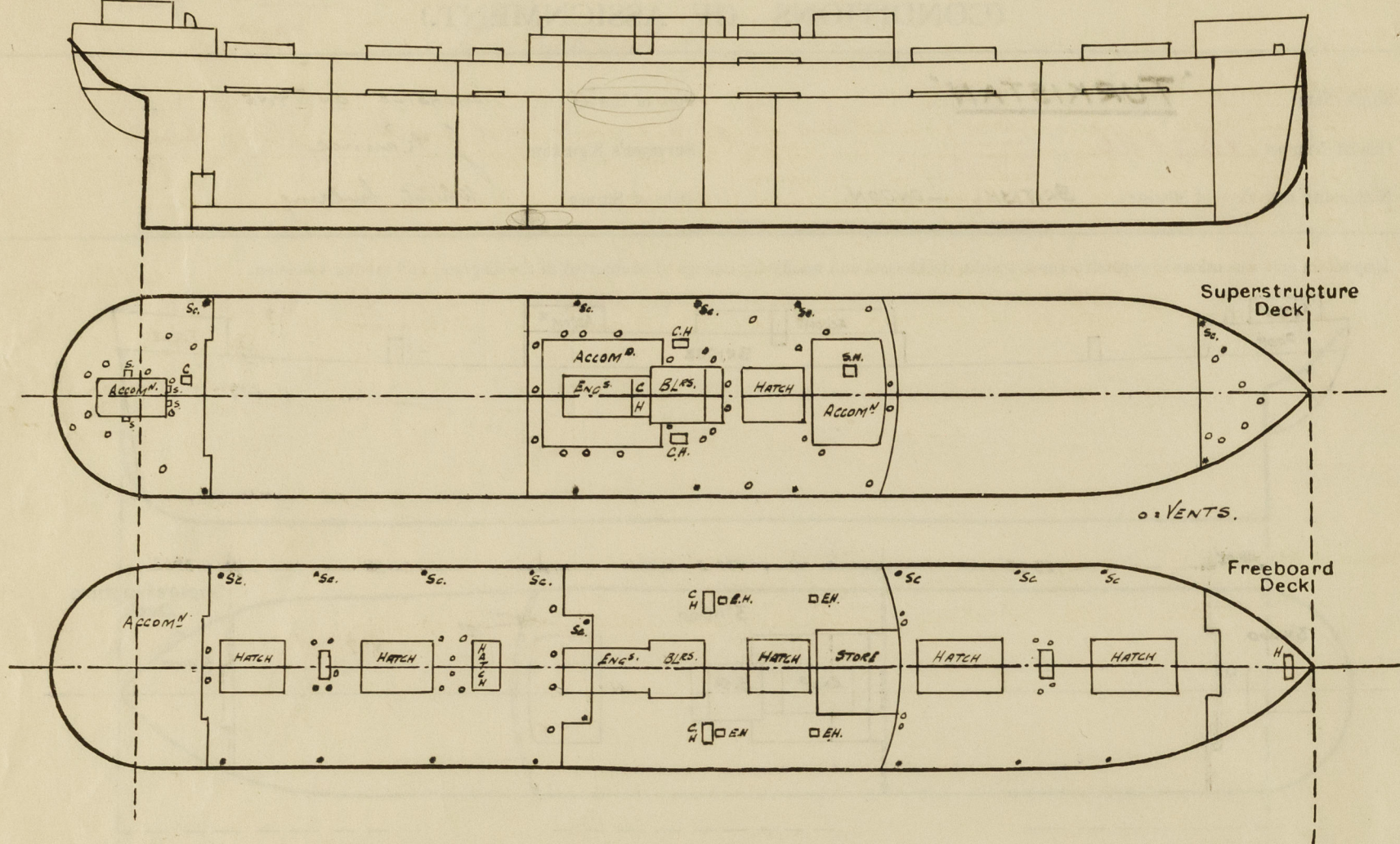
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

|   |   |  |  |  |
|---|---|--|--|--|
| Poop Bulkhead ...   | 3 h. s. d. ✓  | 1 h. t. d. ✓   | NOTE: h. s. d. = hinged steel door.<br>h. t. d. = do. teak do. ✓ |  |
| Raised Quarter Deck Bulkhead ...  | ✓   |  |  |  |
| Bridge, After Bulkhead ...  | 3 h. s. d. ✓  | 3 h. t. d. ✓   | 3" stormboards for full height in riveted channels. ✓            |  |
| Bridge, Forward Bulkhead ...  | 2 watertight h. s. d. ✓   | 2 hinged steel flaps (vents to storeroom) operated from inside ✓ |  |  |
| Forecastle Bulkhead ...   | 2 h. s. d. ✓  | 1 h. t. d. ✓   | 3" stormboards for full height in riveted channels. ✓            |  |
| Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...                      | ✓   |  |  |  |
| Exposed Machinery Casings on Superstructure Decks ...                                   | 4 h. s. d. ✓  |  |  |  |
| Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... | 2 sliding steel doors, kept in position by hook. These doors cannot be removed from frames. ✓ |  |  |  |
| Deckhouses on Flush Deck Ships ...  | NOTE: All doors are 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 fiddle, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing :-

Fiddle, funnel and ventilator coamings are efficiently constructed.  
Fiddle gratings have hinged steel covers with clips permanently attached.  
Engine room skylight is of steel with hinged steel flaps and glass bulls-eyes.

Particulars of Flush Bunker Scuttles :-

NONE.

SKYLIGHTS ON POOP.  
2 @ 30" x 12" } openings in deck  
2 @ 28" x 12" }  
Strongly constructed of steel with steel flaps and glass bulls-eyes.  
Coamings 15" above wood deck.

Particulars of Companionways :-

ONE ON POOP DECK. 6'6" x 4'6" x 3'0". Hinged teak door, 4'6" x 2'0".  
operated from both sides. Sill 18" above wood deck.  
Companionway is strongly constructed of steel.

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

FORWELL:- 2 @ 13" DIAM. COAMING. 102" x 34" ✓  
2 @ 16" " " 72" x 38" ✓  
2 @ 19" " " 72" x 40" ✓  
2 @ 26" " " 100" x 56" - 50 D.P. ✓  
AFTER WELL:- 4 @ 9" " " 48" x 32" ✓  
2 @ 11" " " 72" x 32" ✓  
1 @ 12" " " 48" x 34" ✓  
3 @ 16" " " 72" x 38" ✓  
2 @ 26" " " 100" x 56" - 50 D.P. ✓  
POOP:- 3 @ 6" " " 30" x 30" ✓  
2 @ 9" " " 30" x 32" ✓  
4 @ 10" " " 30" x 32" ✓  
1 @ 12" " " 30" x 34" ✓  
1 @ 6" S.D.M.V. " 9" x 30" ✓  
BRIDGE:- 5 @ 6" " " 30" x 30" ✓  
4 @ 8" " " 30" x 30" ✓  
2 @ 9" " " 30" x 32" ✓  
2 @ 9" " " 86" x 32" ✓  
2 @ 12" " " 30" x 34" ✓  
2 @ 14" " " 33" x 34" ✓  
2 @ 24" " " 320" x 50 D.P. ✓  
4 @ 9" " " 36" x 32" ✓

Coamings over 36" in height are efficiently supported.

All coamings are in accordance with rule requirements and are provided with wood plugs and canvas covers.

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

FORE:- 1 @ 3 1/2" BORE 21" TO MOUTH ✓  
1 @ 2" " 18" " " ✓  
FORWELL:- 3 @ 6" " 36" " " ✓  
AFTER WELL:- 3 @ 6" " 36" " " ✓  
POOP:- 1 @ 3 1/2" " 21" " " ✓  
BRIDGE:- 4 @ 2" " 21" " " ✓  
3 @ 6" " 18" " " ✓

Air pipes are provided with canvas covers in addition to wood plugs or wire gauzes.

Particulars of Gangway Cargo and Coaling Ports :-

NONE.

Particulars of Scuppers and Sanitary Discharge Pipes :-

2" Diam. pipe scuppers 1 p.s. from aft end of fell and fore end of poop discharge on Freeboard Deck in wells.  
Pipe scuppers, 3 p.s., from bridge are ~~cut~~ to deck and shell.  
2 scuppers led from access in bridge space } are fitted with M.I. storm valves at ships side ✓  
2 do. do. do. machinery space in bridge }  
2 do. do. do. fore end of bridge space }

All sanitary discharge pipes below Freeboard Deck are fitted with M.I. storm valves at ships side.  
Scuppers from the wells on the Freeboard Deck are cut through the stringer bar.

Particulars of Side Scuttles :-

POOP, BRIDGE AND FORE SPACES :-  
12" diam. scuttles of strong construction and fitted with deadlights.

Vertical distance of Sill of lowest Side Scuttle above top of keel NONE below Freeboard Deck.

Particulars of Guard Rails :-

POOP AND FORE:- 3'6" high. 3 tiers. Stanchions spaced about 4'3" ✓  
BRIDGE:- 3'6" bulwark. Stiffers 5 1/2 x 3 x 36 spaced about 6'0" ✓  
and 6 x 4 Ts to form 25" spaced about 8'0". ✓  
WELLS:- 4'3" bulwark Stiffers 5 1/2 x 3 x 36 spaced about 6'0" ✓

Particulars of Gangways, Lifelines, etc. :-

IN WELLS:- End fittings and holes in bulwark rail to take stanchions spaced about 12'0" apart - port and starboard.  
Portable stanchions and 2 1/2" wire lifeline supplied for one side. Can be rigged either port or starboard.

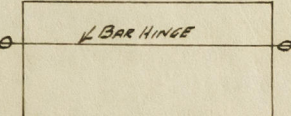
## Particulars of Freeing Arrangements.

|                  | Length of Bulwark | Height of Bulwark | Size of Freeing Ports             | Number each side | Area each side<br>Sq. Ft. | Rule area each side |
|------------------|-------------------|-------------------|-----------------------------------|------------------|---------------------------|---------------------|
| After Well ...   | 123'3" ✓          | 4'3"              | 4'5" x 1'33" ✓                    | 5 ✓              | 30 ✓                      | 24'6" 0'            |
| Forward Well ... | 114'7" ✓          | 4'3" ✓            | 4'5" x 1'33" ✓<br>3'76" x 1'33" ✓ | 4 ✓              | 26 ✓                      | 22'95" 0'           |

State position of each freeing port ... After Well:- FROM BR. 8'0" 11'6" 29'6" 52'6" 83'0" 106'6" } All 13 1/2" above deck. ✓  
(F. and A. position and height above deck edge) Forward Well:- Do. 7'9" 27'6" 52'0" 69'3" 87'6" }

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such :-

Shutters  
(Tumbler Type)



Additional area where sheer is less than standard. ✓



## PARTICULARS OF PROTECTION TO OPENINGS, ETC.

| HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS. |  |               |               |               |               |               |               |                       |             |
|--|--|---------------|---------------|---------------|---------------|---------------|---------------|-----------------------|-------------|
| UPPER DECK                                       |  |               |               |               | BRIDGE DECK   |               |               | UPPER DECK CASING TOP |             |
| Description of Hatchway                          | 1  | 2             | 3             | 4             | 5             | 6             | 7             | 8                     | 9           |
| Dimensions of Hatchway                           | 31'6" x 22'0"  | 36'3" x 22'0" | 24'2" x 22'0" | 12'4" x 22'0" | 31'5" x 22'0" | 31'5" x 22'0" | 21'9" x 22'0" | 7'3" x 4'0"           | 3'0" x 5'0" |
| COAMINGS   | <div> <div> <div>Height above Deck</div> <div>AT SIDE</div> <div>31'2"</div> </div> <div> <div>Thickness</div> <div>Sides</div> <div>50</div> </div> <div> <div>Thickness</div> <div>Ends</div> <div>44</div> </div> <div> <div>Stiffeners</div> <div>AE</div> <div>3</div> </div> <div> <div>Brackets, Stays</div> <div>2 1/4 DIA.</div> <div>3</div> </div> </div> |               |               |               |               |               |               |                       |             |
| HATCH BEAMS                                      | <div> <div>Number</div> <div>4</div> </div> <div> <div>Spacing</div> <div>6'3 1/2"</div> </div> <div> <div>Scantling and Sketch</div> <div> </div> </div> <div> <div>Bearing Surface</div> <div>3 1/2"</div> </div>  |               |               |               |               |               |               |                       |             |
| FORE AND AFTERS                                  | <div> <div>Number</div> <div>NONE</div> </div> <div> <div>Spacing</div> <div>NONE</div> </div> <div> <div>Unsupported Lengths</div> <div>NONE</div> </div> <div> <div>Scantling* and Sketch</div> <div> </div> </div> <div> <div>Bearing Surface</div> <div>3 1/2"</div> </div>  |               |               |               |               |               |               |                       |             |
| HATCH COVERS                                     | <div> <div>Material</div> <div>W.P.</div> </div> <div> <div>Thickness</div> <div>3"</div> </div> <div> <div>How fitted</div> <div>F &amp; A</div> </div> <div> <div>Bearing Surface</div> <div>3" x 4 1/4"</div> </div>  |               |               |               |               |               |               |                       |             |
| Spacing of Cleats                                | 24"  |               |               |               |               |               |               |                       |             |
| Number of Tarpaulins                             | 3  |               |               |               |               |               |               |                       |             |

\*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? ☒

Locking bars fitted to all hatchways on the weather decks (See Rule 18)

~~Particulars of any special feature:—~~

UPPER DECK HATCHWAY TO FORE PEAK STORE :-

4'-0" x 4'-0". Coaming 9 x 3 1/2 x .38 NBS. 2 1/2" W.P. Covers  
2 1/2" bearing surface. Cleats 18" apart. 2 tarpaulins.

UPPER DECK ESCAPE HATCHWAYS - WITHIN BRIDGE 4 OFF.

2'0" x 2'0". Coaming 9 x 3/2 x .38 [NBS 3" W.P. Covers. ✓  
2" bearing surfacet. Cleats 2 per side. 1 tarpaulin. ✓

BRIDGE DECK HATCHWAY TO STOREROOMS - WITHIN SALOON HOUSE.

3'-0" x 3'-0" Coaming  $3\frac{1}{2}$ " angle. Wood gratings.  
Saloon House is of steel. 2 @ 4' x 12' 0" openings  
in after bulkhead are closed, by hinged teak  
doors operated from both sides. Sills 18" above  
wood deck.

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.

J. Rannie

Newcastle on Tyne.

December 1938.

