

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.																																																																	
Freeboard Dk				Superstructure Deck																																																													
Description of Hatchway	No 1	No 2 A3	No 4	Trimming Access	No 1	No 2 A3	No 4	Fore Peak	Tonnage Opening	Fore Dk																																																							
Dimensions of Hatchway	29'3" x 15'	29'3" x 15'	22'6" x 15'	16'2" x 22'4" x 21'15"	29'3" x 15'	29'3" x 15'	22'6" x 15'	29'3" x 15'	15'4" x 16'	3'6" x 2'																																																							
COAMINGS	<table border="0"> <tr> <td>Height above Deck</td> <td>9'3 1/2" x 40 5"</td> <td>9'3 1/2" x 40 5"</td> <td>9'3 1/2" x 40 5"</td> <td>9'3 1/2" x 40 5"</td> <td>30"</td> <td>30"</td> <td>30"</td> <td>9'3 1/2"</td> <td>5</td> <td>30"</td> </tr> <tr> <td>Thickness</td> <td>3"</td> <td>3"</td> <td>3"</td> <td>3"</td> <td>3"</td> <td>3"</td> <td>3"</td> <td>3"</td> <td>10 1/2" x 4"</td> <td>3"</td> </tr> <tr> <td>Stiffeners</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>Brackets, Stays</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> </table>										Height above Deck	9'3 1/2" x 40 5"	9'3 1/2" x 40 5"	9'3 1/2" x 40 5"	9'3 1/2" x 40 5"	30"	30"	30"	9'3 1/2"	5	30"	Thickness	3"	3"	3"	3"	3"	3"	3"	3"	10 1/2" x 4"	3"	Stiffeners	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Brackets, Stays	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓											
Height above Deck	9'3 1/2" x 40 5"	9'3 1/2" x 40 5"	9'3 1/2" x 40 5"	9'3 1/2" x 40 5"	30"	30"	30"	9'3 1/2"	5	30"																																																							
Thickness	3"	3"	3"	3"	3"	3"	3"	3"	10 1/2" x 4"	3"																																																							
Stiffeners	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																																																							
Brackets, Stays	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																																																							
HATCH BEAMS	<table border="0"> <tr> <td>Number</td> <td>4</td> <td>4</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> </tr> <tr> <td>Spacing</td> <td>5'10"</td> <td>5'10"</td> <td>5'7 1/2"</td> <td>5'10"</td> <td>5'10"</td> <td>5'7 1/2"</td> <td>5'10"</td> <td>5'10"</td> <td>5'10"</td> <td>5'10"</td> </tr> <tr> <td>Scantling and Sketch</td> <td>5'3" x 4"</td> <td>5'3" x 3 1/2"</td> <td>5'3" x 3 1/2"</td> <td>5'3" x 3 1/2"</td> <td>5'3" x 3 1/2"</td> <td>5'3" x 3 1/2"</td> <td>5'3" x 3 1/2"</td> <td>5'3" x 3 1/2"</td> <td>5'3" x 3 1/2"</td> <td>5'3" x 3 1/2"</td> </tr> <tr> <td>Bearing Surface</td> <td>3"</td> <td>3"</td> <td>3"</td> <td>3"</td> <td>3"</td> <td>3"</td> <td>3"</td> <td>3"</td> <td>3"</td> <td>3"</td> </tr> </table>										Number	4	4	3	3	3	3	3	3	3	3	Spacing	5'10"	5'10"	5'7 1/2"	5'10"	5'10"	5'7 1/2"	5'10"	5'10"	5'10"	5'10"	Scantling and Sketch	5'3" x 4"	5'3" x 3 1/2"	5'3" x 3 1/2"	5'3" x 3 1/2"	5'3" x 3 1/2"	5'3" x 3 1/2"	5'3" x 3 1/2"	5'3" x 3 1/2"	5'3" x 3 1/2"	5'3" x 3 1/2"	Bearing Surface	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"											
Number	4	4	3	3	3	3	3	3	3	3																																																							
Spacing	5'10"	5'10"	5'7 1/2"	5'10"	5'10"	5'7 1/2"	5'10"	5'10"	5'10"	5'10"																																																							
Scantling and Sketch	5'3" x 4"	5'3" x 3 1/2"	5'3" x 3 1/2"	5'3" x 3 1/2"	5'3" x 3 1/2"	5'3" x 3 1/2"	5'3" x 3 1/2"	5'3" x 3 1/2"	5'3" x 3 1/2"	5'3" x 3 1/2"																																																							
Bearing Surface	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"																																																							
FORE AND AFTERS	<table border="0"> <tr> <td>Number</td> <td colspan="10">N O N E</td> </tr> <tr> <td>Spacing</td> <td colspan="10"></td> </tr> <tr> <td>Unsupported Lengths</td> <td colspan="10"></td> </tr> <tr> <td>Scantling and Sketch</td> <td colspan="10"></td> </tr> <tr> <td>Bearing Surface</td> <td colspan="10"></td> </tr> </table>										Number	N O N E										Spacing											Unsupported Lengths											Scantling and Sketch											Bearing Surface										
Number	N O N E																																																																
Spacing																																																																	
Unsupported Lengths																																																																	
Scantling and Sketch																																																																	
Bearing Surface																																																																	
HATCH COVERS	<table border="0"> <tr> <td>Material</td> <td>WP</td> <td>WP</td> <td>WP</td> <td>Steel</td> <td>WP</td> <td>WP</td> <td>WP</td> <td>WP</td> <td>WP</td> <td>WP</td> </tr> <tr> <td>Thickness</td> <td>2 1/2"</td> <td>2 1/2"</td> <td>2 1/2"</td> <td>2 1/2"</td> <td>2 1/2"</td> <td>2 1/2"</td> <td>2 1/2"</td> <td>2 1/2"</td> <td>2 1/2"</td> <td>2 1/2"</td> </tr> <tr> <td>How fitted</td> <td>Laid in</td> <td>Laid in</td> <td>Laid in</td> <td>Laid in</td> <td>Laid in</td> <td>Laid in</td> <td>Laid in</td> <td>Laid in</td> <td>Laid in</td> <td>Laid in</td> </tr> <tr> <td>Bearing Surface</td> <td>3"</td> <td>3"</td> <td>3"</td> <td>3"</td> <td>3"</td> <td>3"</td> <td>3"</td> <td>3"</td> <td>3"</td> <td>3"</td> </tr> </table>										Material	WP	WP	WP	Steel	WP	WP	WP	WP	WP	WP	Thickness	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	How fitted	Laid in	Laid in	Laid in	Laid in	Laid in	Laid in	Laid in	Laid in	Laid in	Laid in	Bearing Surface	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"											
Material	WP	WP	WP	Steel	WP	WP	WP	WP	WP	WP																																																							
Thickness	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"																																																							
How fitted	Laid in	Laid in	Laid in	Laid in	Laid in	Laid in	Laid in	Laid in	Laid in	Laid in																																																							
Bearing Surface	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"																																																							
Spacing of Cleats	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"																																																							
Number of Tarpaulins	1	1	1	1	1	1	1	1	1	1																																																							

WT. STEEL COVER 50" THICK WITH Toggles.

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

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? Lashing bars.

Particulars of any special features:— Other hatches: Inside mainmasthouse. Access hatches on Upper Dk. 1 ft 10" x 15" each 21" x 15". Coaming 9'3 1/2". Hinged steel lids with rubber jointing, secured by locking bars. Inside mainmasthouse: Store hatch on Upper deck 3' x 3'. 3" L coaming 2 1/2" wood cover. In steering compartment. Hatch on freeboard deck to peak stow 15' x 21" 3" L coaming 2 1/2" cover.

Note: The hatch covers are non-sliding type which are lifted & transported on roller gear on top of bulk angle coaming. Provision is made for securing covers when stowed at ends of hatchway. Ends of wood hatch covers protected by galvanized steel bands efficiently secured.

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.

Rpt. C.11.

SUNDERLAND RPT. NO 34944

Index No. 37848 (For London Office only).

6 OCT 1942

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

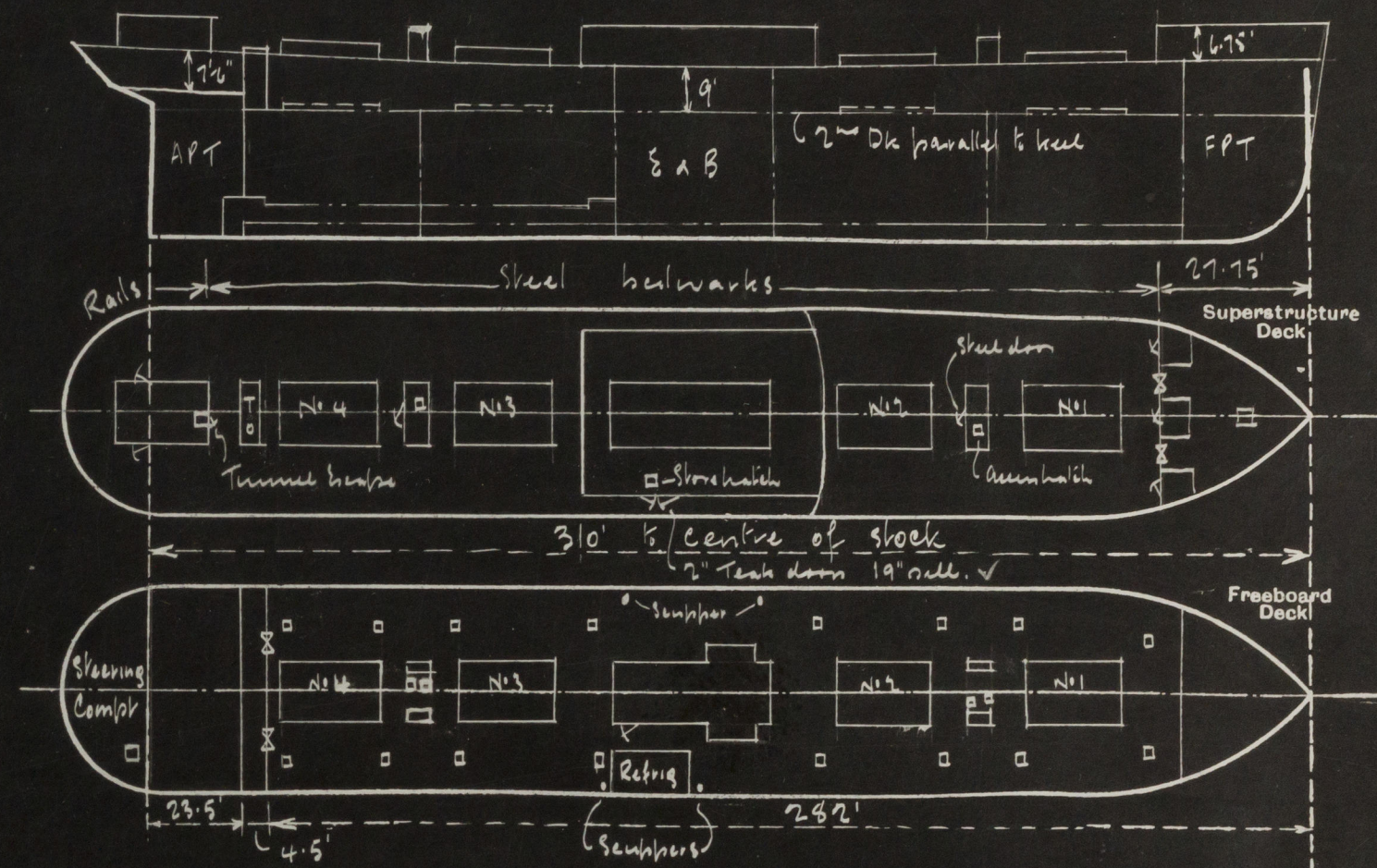
CRONULLA

Ship's Name "Admiral Fraser" Port of Survey Sunderland

Official Number 182879 Surveyor's Signature J. R. Renne

Nationality and Port of Registry British, London, Hong Kong Date of Survey Whist 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	30"	26"	4 1/2" x 30 L	36"	Deck bars	✓	✓	7'6"
Raised Quarter Deck Bulkhead	✓	✓	✓	✓	✓	✓	✓	✓
Bridge, After Bulkhead	✓	30"	4 1/2" x 30 L	36"	✓	20'4" x 3'	2'✓	10'6"
Bridge, Forward Bulkhead	✓	✓	✓	✓	✓	✓	✓	✓
Forecastle Bulkhead	✓	26"	3 1/2" x 31 L	36"	✓	3'4 1/2" x 1'10"	18"	6'9"
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	36"	26"	3 1/2" x 28"	27"	Deck bars	10'4" x 19"	20"	9'✓
Deckhouses on Flush Deck Ships	✓	✓	✓	✓	✓	✓	✓	✓

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

Poop Bulkhead	Steel no openings.
Raised Quarter Deck Bulkhead	✓
Bridge, After Bulkhead	Sliding boards 2 1/2" thick in matted channels.
Bridge, Forward Bulkhead	✓
Forecastle Bulkhead	3-hinged steel door securing from either side
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	2- steel plates secured by hook bolts.
Exposed Machinery Casings on Superstructure Decks	✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	✓
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:—

1. hulling, funnel & ventilation openings & engine room skylights
of steel strongly constructed &
hulling openings protected by hinged steel covers!

Particulars of Flush Bunker Scuttles :—

None. ✓

Particulars of Companionways: — Crew entrance in aftln deckhouse. Hunged steel door 12' x 6' securing both sides 19" gill & Tunnel escape in aftln deckhouse. Hunged steel door 4' 6" x 20", 19" gill & securing both sides

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

Particulars of Ventilators in exposed positions on freeboard and superstructure decks:—					
Fore Dk.	Fore Peak.	1-6" dia	30" high	30	check ✓
"	Tween Dk.	2-6" "	30" "	30	" ✓
"	Hold A " "	3-20" "	30" "	40	" ✓
"	" " "	5-20" "	30" "	40	" ✓
Upper Dk	" A " "	1-20" "	9' "	40	changed.
" "	Tween Dk	2-6" "	30" "	30	" "
" "	Steeving Compbr				

All ventilation closed
by wooden plugs &
Canvas covers. ✓

Leak Buckles to hold in manthrons with strong steel hand hoods on manthron tops.

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

Fuels Pk.	FP Tank.	1 - 2 1/2" dia.	
Water Pk.	Cofferdams	1 - 2 1/2" "	
"	No 1 drain	3 - 2 1/2" "	
"	No 2, 3, 4	6 - 4" "	
"	No 5 do	4 - 3" "	
"	8 Rm Cofferdams	4 - 3" "	✓
"	No 6 drain	2 - 4" "	
"	No 7 "	2 - 3" "	
"	AP Tank	1 - 3" "	
"	Oil Fuel Bunkers & Settling Tanks	4 - 3" dia.	

Diagram of a T-shaped structure with dimensions: 19" (height of vertical stem), 2 1/2" (width of horizontal top), and 4" (width of vertical stem). Labels: "Length of" (pointing to vertical stem), "Amphipus" (pointing to horizontal top).

Amphibious Co. WB Tanks closed by
wooden plugs. ✓
Amphibious Co. OF Tanks closed by ✓
steel covered caps with gaskets.

None.

Admiral Fraser

Tween Decks. Tonnage Opening. 2-5" SDR valves controlled from Upper Deck. Indicator fitted. ✓
 " Comminutors. 4-2 1/2" dia Sumpers down to ER tanks with self closing covers. (2 to 2 st) ✓
 " Raising Space Grated. 2-2" dia " " " liquid sealed tanks. ✓
 " Sheering Gear Coupler 2-2" dia down to engine room. ✓

Sanitary discharges from deck houses led overboard thru knee
deck shell. Storm valves at shell. ✓

Sidescutters fitted in pods 10" dia. each fitted
with hinged deadlights. ✓

29

ails: — 1/2" thick. 2 rows quadrants 3'-3" high Transverse 5' apart. ✓
Within 2" of aft 3 " " 3'-6" " " 3'-9" " " ✓
Bottoms. 3'-6" high. 25" thick. 6" Transverse 8' apart 5+3 L ✓
" 6 framing ports each side 1' + 9' 3 1/2" above deck. ✓

None. ✓

Particulars of Freeing Arrangements.