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Index No. 36125  
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# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

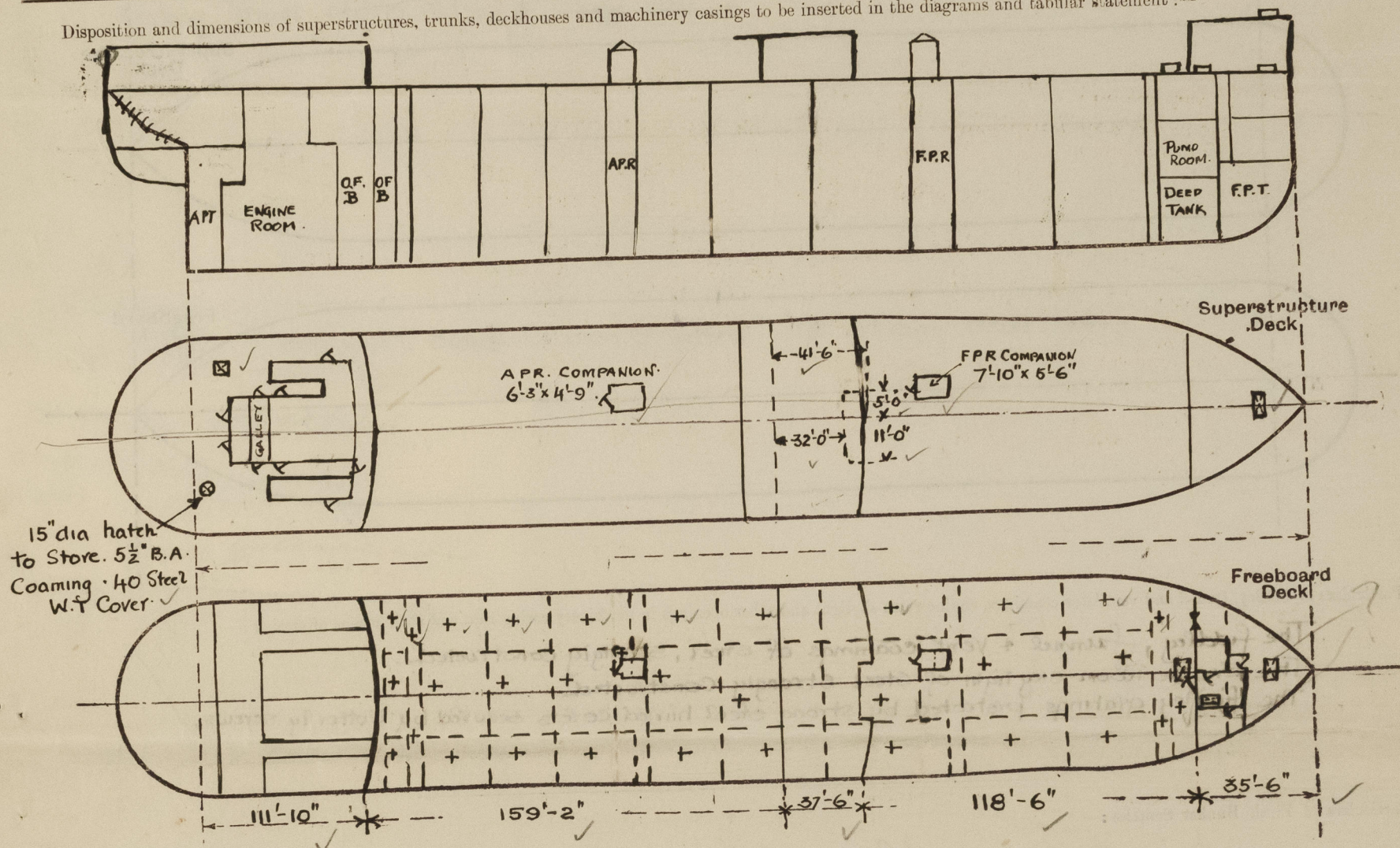
28 DEC 1946

Ship's Name **ENNERDALE**Port of Survey **DEVON PORT**Official Number **168196**

Surveyor's Signature

*Reginald L. J. Colman*Nationality and Port of Registry **BRITISH. LONDON.**Date of Survey **Nov & Dec 1946 During Reconversion**

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 ...	—	44"	10" x 3 1/2" x 7/16"	30"	Lugged.	2 hinged W.T. doors 5' x 2' 6"	18"	7'-6"
AFTER PUMP ROOM DECK HOUSE	—	40"	✓ 3" x 3" x 40"	30"	—	1 hinged W.T. door 5' 0" x 2' 6"	18"	9'-0"
Raised Quarter Deck Bulkhead ...	—	30"	4" x 3" x 5/16"	32"	✓	1 hinged W.T. door 4' 3" x 2' 3"	18"	7'-6"
Bridge, After Bulkhead ...	—	44"	10" x 3 1/2" x 7/16" B.A.	30"	Lugged.	2 openings 4' 1" x 3' 1"	18"	7'-6"
Bridge, Forward Bulkhead ...	—	30"	4" x 3" x 5/16"	30"	✓	1 hinged W.T. door 5' 1" x 2' 6"	18"	7'-6"
Forecastle Bulkhead ...	—	30"	4" x 3" x 5/16"	30"	✓	1 hinged W.T. door 4' 3" x 2' 6" and 1 opening 5' 1" x 3' 0"	18"	7'-6"
Trunk, Aft ...	—	40"	6" x 3" x 50"	28"	✓	1 hinged W.T. door 5' 9" x 2' 6"	21"	9'-0"
Trunk, Forward P.R. Deck House	—	40"	6" x 3" x 50"	28"	✓	1 hinged W.T. door 5' 9" x 2' 6"	21"	9'-0"
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	—	34" & 30"	4" x 3" x 5/16" - 40"	31"	Bktd Alternatively	4 hinged steel doors 5' 0" x 2' 0"	18"	7'-6"
Exposed Machinery Casings on Superstructure Decks ...	—	34" & 26"	4" x 3" x 5/16"	31"	✓	1 hinged door 5' 0" x 2' 0"	18"	7'-6"
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	—	34" & 26"	4" x 3" x 5/16"	31"	✓	1 hinged door 5' 0" x 2' 0"	18"	7'-6"
Deckhouses on Flush Deck Ships ...	—	—	—	—	—	—	—	—

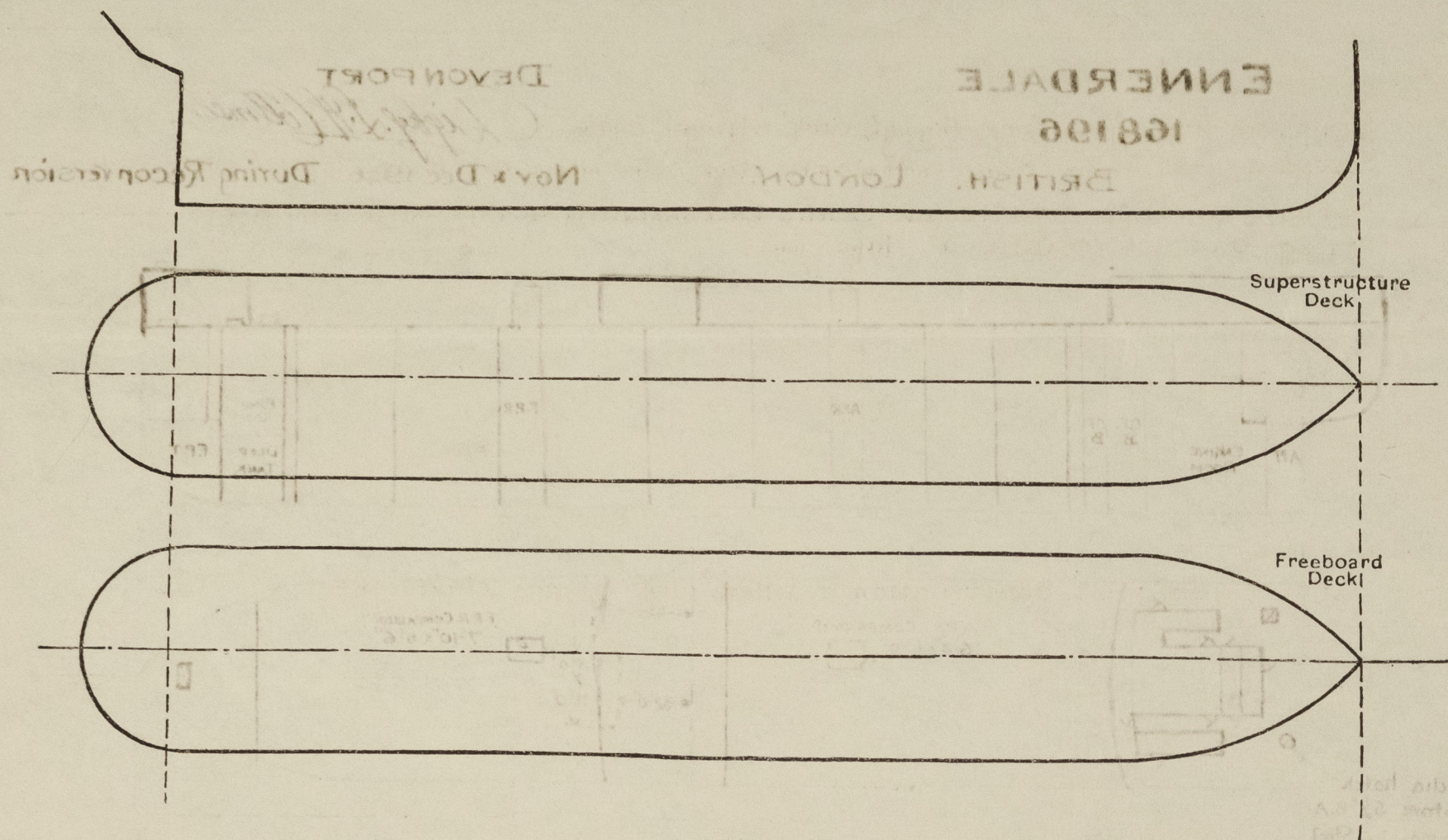
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead ...	2 Steel hinged W.T. doors. operated both sides.
AFTER PUMP ROOM DECK HOUSE	One ditto.
Raised Quarter Deck Bulkhead ...	1 Steel. ditto. & 2 Openings Closed with portable steel plates with hook bolts.
Bridge, After Bulkhead ...	One steel ditto.
Bridge, Forward Bulkhead ...	One ditto & One opening closed by a portable steel plate with bolts.
Forecastle Bulkhead ...	One steel W.T. hinged door. operated both sides.
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	4 ditto.
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:—



Particulars of fiddley, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:—

The fiddley, funnel + vent coamings of steel, strongly constructed.  
The Engine Room skylight of steel strongly constructed.  
The fiddley gratings protected by strong steel hinged covers secured by butterfly screws.

Particulars of Flush Bunker Scuttles:—

NONE

Particulars of Companionways:—

NONE

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

FO'CASTLE DK.  
2 @ 8" dia. Coaming 36" x 30"  
4 @ 10" " 36" x 32"  
UPPER DK.  
4 @ 24" dia Coaming 36" x 45"  
1 @ 12" dia " 11-10 x 34  
efficiently supported.

POOP DK.  
4 @ 6" dia Coaming 36" x 30"  
1 @ 9" " 32" x 32"  
2 @ 10" " 34" x 32"  
(mushroom top)  
14 Strong Goose Necks 6 x 3 1/2"  
33" to mouth.

BRIDGE DK.  
2 @ 6" dia Coaming 32" x 30"  
A number of strong goose necks.  
6 x 3 1/2" - 18" to mouth.  
2 Fan Vents of strong construction  
3' 3" to mouth.

All vent coaming closed by  
wood plugs & Canvas covers.

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

FO'CASTLE HEAD.  
To F.P. Tank 2 @ 4" dia. 18" high  
" F. Deep Tank 2 @ 4" " 18"  
UPPER DK.  
To F. Deep Tank 2 @ 4" dia 36" high  
" Cofferdam 2 @ 4" " 18" above poop dk.  
" After Cofferdam 2 @ 4" " 18"  
" O.F. D.B. Tank 2 @ 4" " 18"  
" O.F. Bunker 2 @ 4" " 18"

POOP DK.  
To O.F. D.B. Tank 2 @ 4" dia 18" high  
" O.F. Bunker 2 @ 4" " 18"  
" Cofferdam 1 @ 2 1/2" " 18"  
" D.B. Feed Tank 2 @ 3" " 18"  
" F.W. Tanks 4 @ 2 1/2" " 18"  
" A.P. Tanks 2 @ 3 1/2" " 18"  
" Rudder Trunk 1 @ 3" " 18"

AIR PIPES closed by wood plugs & covers. or fitted with steel gauges & steel hinged flaps.

Particulars of Gangway Cargo and Coaling Ports:—

Ennerdale.

NONE

Particulars of Scuppers and Sanitary Discharge Pipes:—

Scuppers from Upper Deck through deck stringer angle  
Scuppers from Poop, Bridge & Fo'castle decks discharge overboard through open pipe  
Sanitary discharges from Poop & Bridge Accommodation discharge overboard with strong brass storm valves @ Ship's side.

Particulars of Side Scuttles:—

Of substantial construction & fitted with strong deadlights.

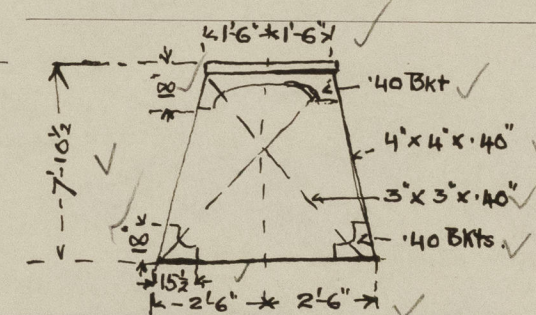
Name of Ship ENNERDALE  
Freeboard Report Examined  
(Date) 11 June 1957  
Signed [Signature]  
0039 1/2

Vertical distance of Sill of lowest Side Scuttle above top of keel None below freeboard deck.

Particulars of Guard Rails:—

At poop, bridge & fo'castle decks:— 3'-6" high. 3 rails, stanchions spaced about 4'-9" ditto.  
At freeboard deck (open rails)  
Bulwarks 3'-6" high x 30" thick 7" B.A. Rail bar. 6" Bulb plate stays. about 6" apart. specially stayed adjacent to erection ends.

Particulars of Gangways, Lifelines, etc.:—



Gangways now carried  
Fore & Aft.

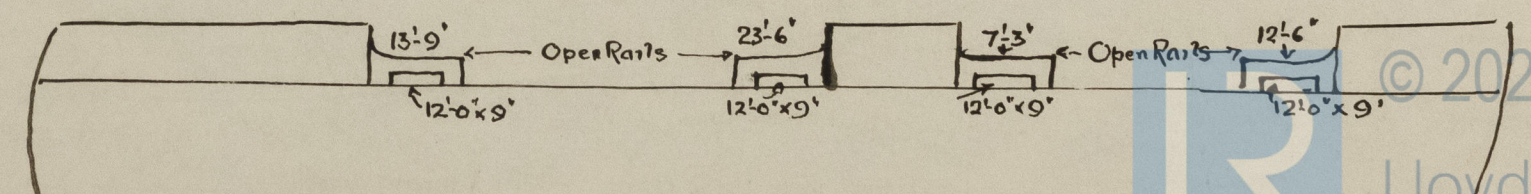
Particulars of Freeing Arrangements.

	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
After Well ...	159'-2"	3'-6"	12'-0" x 9"	4	Open rails for half length of exposed portion of weather deck	
Forward Well ...	118'-6"	3'-6"	12'-0" x 9"			

State position of each freeing port ... (After Well:— } See Sketcl - 12" above deck to opening  
(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:—

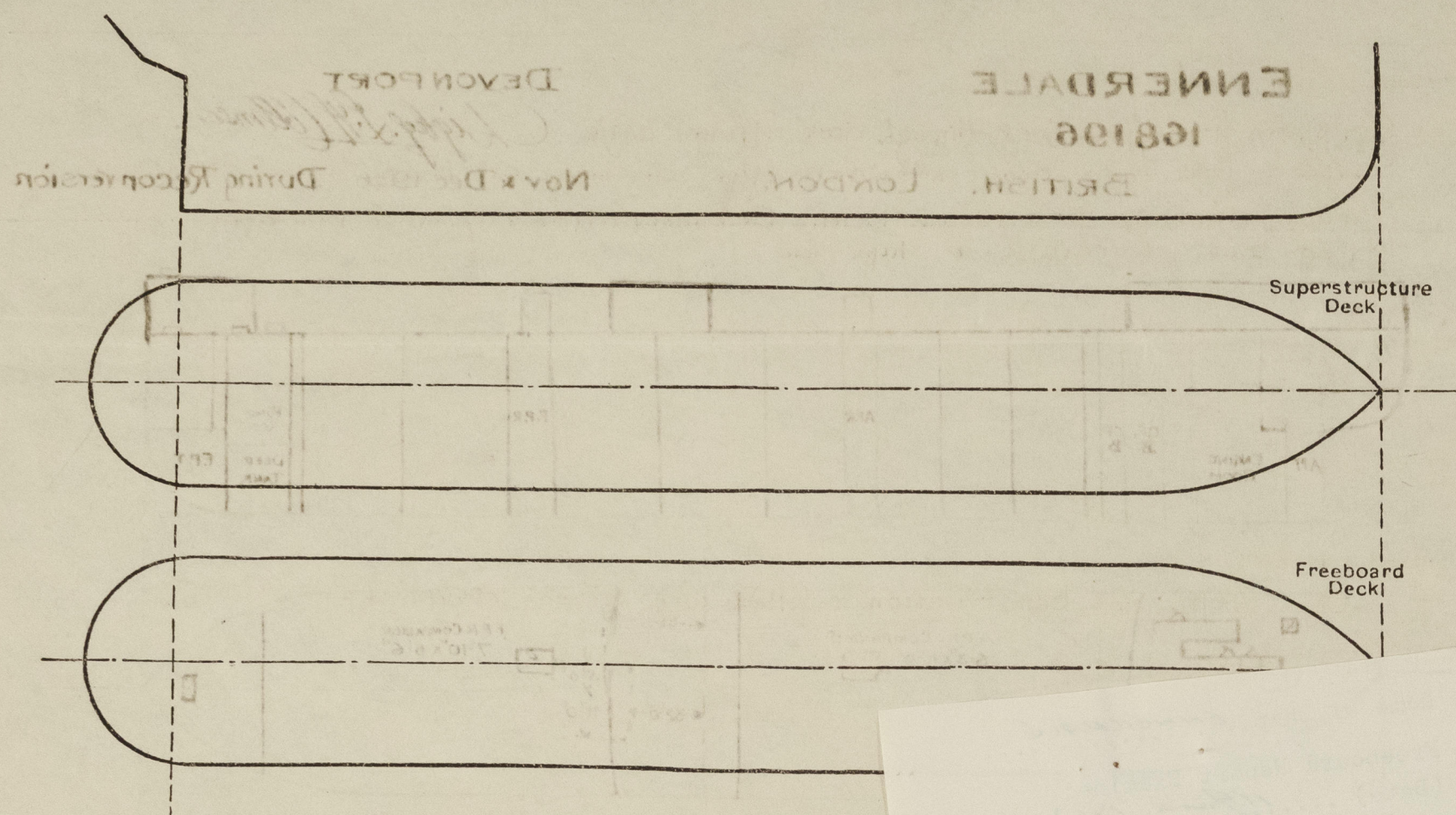
Additional area where sheer is less than standard.





# PARTICULARS OF PROTECTION TO OPENINGS, ETC.

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 mach

The fiddle, funnel & vent. coamings of steel, strongly constructed.  
The Engine Room skylight of steel strongly constructed.  
The fiddle gratings protected by strong steel hinged covers secured by butterfly screws.

Particulars of Flush Bunker Scuttles :-

NONE

Particulars of Companionways :-

NONE

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

FO'CASTLE DK.  
2 @ 8" dia. Coaming 36" x 30"  
4 @ 10" " " 36" x 32"  
UPPER DK.  
4 @ 24" dia Coaming 36" x 45"  
1 @ 12" dia " 11-10 x 34  
efficiently supported.

POOP DK.  
4 @ 6" dia Coaming 36" x 30"  
1 @ 9" " " 32" x 32"  
2 @ 10" " " 34" x 32"  
(mushroom top)  
14 Strong Goose Necks 6 x 3 1/2"  
33" to mouth.

BRIDGE DK.  
2 @ 6" dia Coaming 32" x 30"  
A number of strong goose necks.  
6 x 3 1/2" - 18" to mouth.  
2 Fan Vents of strong construction  
3' 3" to mouth.

All vent. coaming closed by  
wood plugs & Canvas covers.

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

FO'CASTLE HEAD.  
To F.R. Tank. 2 @ 4" dia. 18" high  
" F. Deep Tank. 2 @ 4" " 18" "  
UPPER DK.  
To F. Deep Tank. 2 @ 4" dia. 36" high  
" Cofferdam. 2 @ 4" " 18" "  
" After Cofferdam. 2 @ 4" " 18" "  
" O.F. D.B. Tank. 2 @ 4" " 18" "  
" O.F. Bunker. 2 @ 4" " 18" "

POOP DK.  
To O.F. D.B. Tank. 2 @ 4" dia. 18" high  
" O.F. Bunker. 2 @ 4" " 18" "  
" Cofferdam. 1 @ 2 1/2" " 18" "  
" D.B. Feed Tank. 2 @ 3" " 18" "  
" F.W. Tanks. 4 @ 2 1/2" " 18" "  
" A.P. Tanks. 2 @ 3 1/2" " 18" "  
" Rudder Trunk. 1 @ 3" " 18" "

AIR PIPES closed by wood plugs & Covers. or fitted with steel gauges & steel hinged flaps.

Particulars of Gangway Cargo and Coaling Ports :-

Ennerdale.

NONE

Particulars of Scuppers and Sanitary Discharge Pipes :-

Scuppers from Upper Deck through deck stringer angle  
Scuppers from Poop, Bridge & fo'castle decks discharge overboard through open pipe  
Sanitary discharges from Poop & Bridge Accommodation discharge overboard with  
strong brass storm valves @ Ships side.

Particulars of Side Scuttles :-

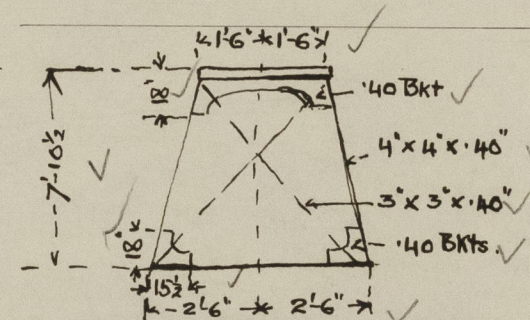
Of substantial construction & fitted with strong deadlights.

Vertical distance of Sill of lowest Side Scuttle above top of keel NONE below freeboard deck.

Particulars of Guard Rails :-

At poop, bridge & fo'castle decks :- 3'-6" high .3 rails, stanchions spaced about 4'-9"  
At freeboard deck (open rails) ditto.  
Bulwarks 3'-6" high x 30" thick 7" B.A. Rail bar. 6" Bulb plate stayr. about 6" apart. specially  
stayr adjacent to erection ends.

Particulars of Gangways, Lifelines, etc. :-



Gangways now carried  
Fore & Aft.

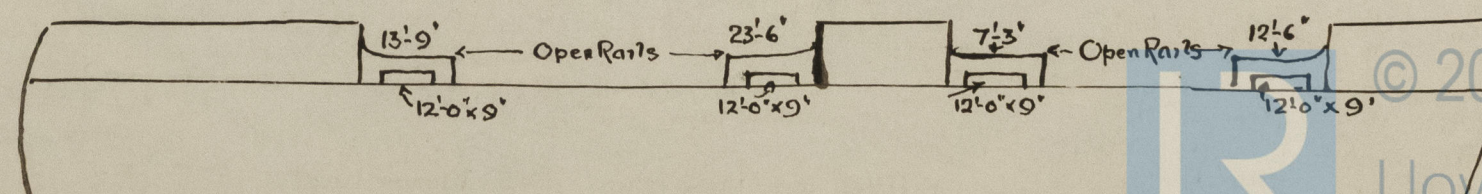
Particulars of Freeing Arrangements.

	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
After Well ...	159' 2"	3' 6"	12' 0" x 9"	4	Open rails for half length of exposed portion of weather deck	
Forward Well ...	118' 6"	3' 6"	12' 0" x 9"			

State position of each freeing port ... (After Well :- } See Sketcl - 12" above deck to opening  
(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.												
Description of Hatchway			6 Centre Cargo Tanks	2 Centre Cargo Tanks	16 Side Cargo tanks	Cofferdams 4 hatches	To O.F. Bunker 3 Hatches	To Pump Room Aft.	To Pump Room For'd	To Fore Hold.	To F. PEAK ON Fo'castle	To POOP ON POOP DECK
Dimensions of Hatchway			4'-6" x 3'-6"	4'-6" x 3'-6"	4'-6" x 3'-6"	23" x 19"	23" x 19"	2'-6" x 2'-5"	2'-6" x 3'-4"	8'-0" x 8'-0"	2'-6" x 2'-6"	2'-6" x 2'-6"
COAMINGS	Height above Deck	...	30"	13"	13"	O.T. Manholes with 12x3 1/2 x 3 1/2 Channel Coaming	O.T. Manholes with 12x3 1/2 x 3 1/2 Channel Coaming	24" 26" 36"	30" 36" 36"	30" 44" 44"	12" B.A. 40" Coaming	9" B.A. 36 Coaming
	Thickness	Sides		40"								
	Stiffeners	Ends										
	Brackets, Stays											
HATCH BEAMS	Number	...										
	Spacing	...										
FORE AND AFTERS	Scantling and Sketch	...										
	Bearing Surface	...										
	Number	...										
HATCH COVERS	Thickness	...										
	How fitted	...										
	Bearing Surface	...										
	Material	...										
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:—

- Hatches in forecastle:—
- 1 @ 4'-10" x 2'-1" Coaming 16" x 5/16" with hinged steel watertight cover secured with clips operated from both sides
- 1 @ 2'-6" x 2'-6" BA coaming 9" high with hinged steel cover (watertight) secured by clips

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.



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