

19 OCT 1944

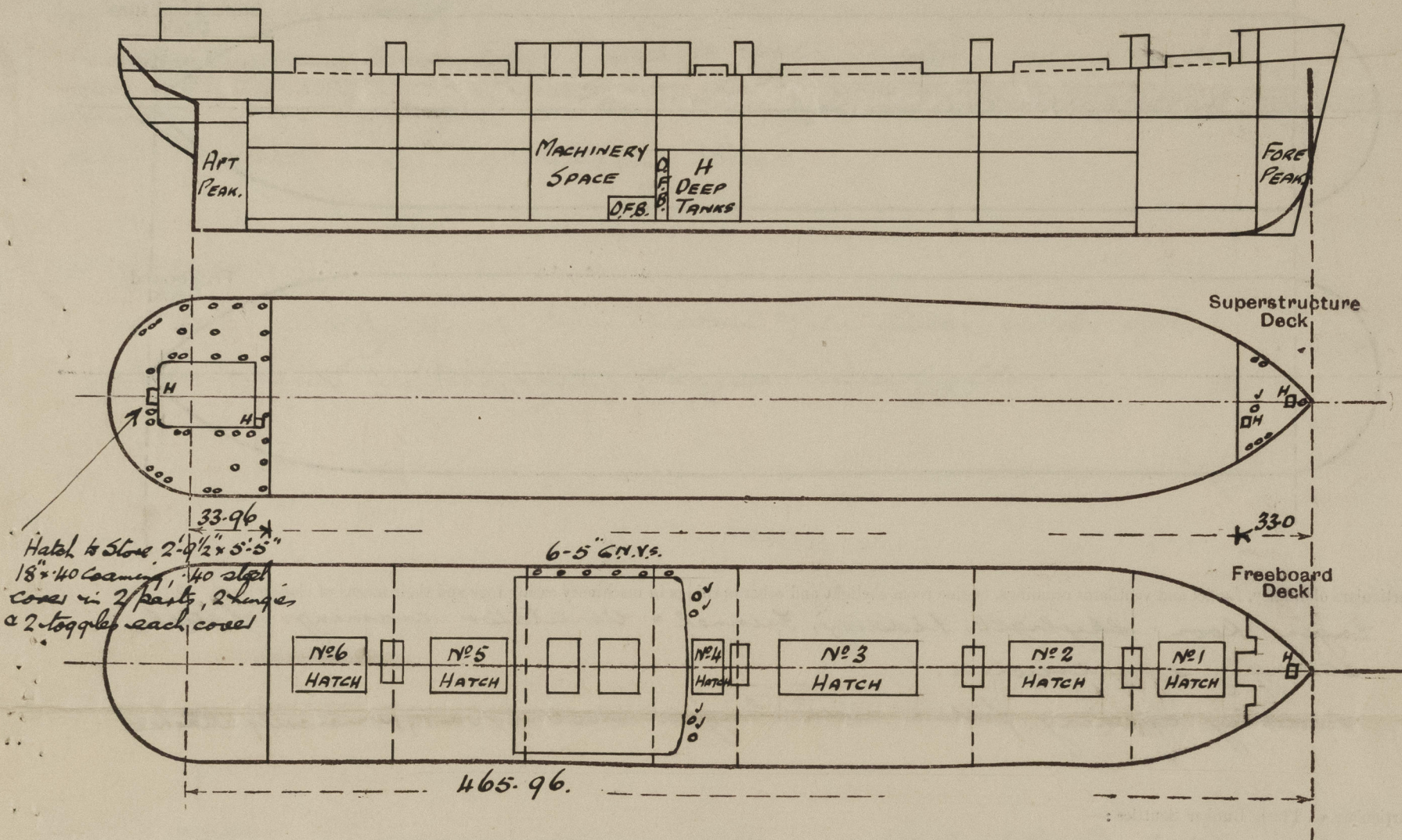
Index No. 37769  
(For London Office only).

NEWCASTLE-ON-TYNE, NO. 102141/ Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.  
(CONDITIONS OF ASSIGNMENT.)

Ship's Name *S.S. EMPIRE DYNASTY* Port of Survey *Sunderland + Newcastle*  
Official Number \_\_\_\_\_ Surveyor's Signature *W. E. Huller + G. G. Young*  
Nationality and Port of Registry *British, Sunderland* Date of Survey *During Construction*

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 ... ..	.38	.38	6x3x.30	30"	Lugged	2@4'-6"x2'-0" 1@4'-6"x2'-3"	24"	7'-6"
Raised Quarter Deck Bulkhead ...		✓						
Bridge, After Bulkhead ... ..		✓						
Bridge, Forward Bulkhead ... ..		✓						
Forecastle Bulkhead ... ..	.30	.26+.30	5x3x 3/8 on 3x3x 3/8 on	30	Riveted to boundaries	2@4'-1"x3'-1"	18"	7'-0"
Trunk, Aft ... ..		✓						
Trunk, Forward ... ..		✓						
Exposed Machinery Casings on Free- board or Raised Quarter Decks ...		✓						
Exposed Machinery Casings on Super- structure Decks ... ..		✓						
Machinery Casings within Superstruc- tures not fitted with Class I Closing Appliances ... ..								
Deckhouses on Flush Deck Ships	FRONT 3/8 SIDES 3/4	.32 .32	6x3x.34 L 5x3x 3/8 on	32 1/2" 33"	Bracketed do.	✓ 1@5'-0"x2'-0"	24" 24"	✓

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

Poop Bulkhead ... ..	Hinged steel W.T. doors operated from both sides.
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead ... ..	✓
Bridge, Forward Bulkhead ... ..	✓
Forecastle Bulkhead ... ..	2 1/2" shifting boards in full height riveted channels.
Exposed Machinery Casings on Free- board or Raised Quarter Decks ...	✓
Exposed Machinery Casings on Super- structure Decks ... ..	✓
Machinery Casings within Superstruc- tures not fitted with Class I Closing Appliances ... ..	✓
Deckhouses on Flush Deck Ships ...	2 1/2" steel door operated from both sides.

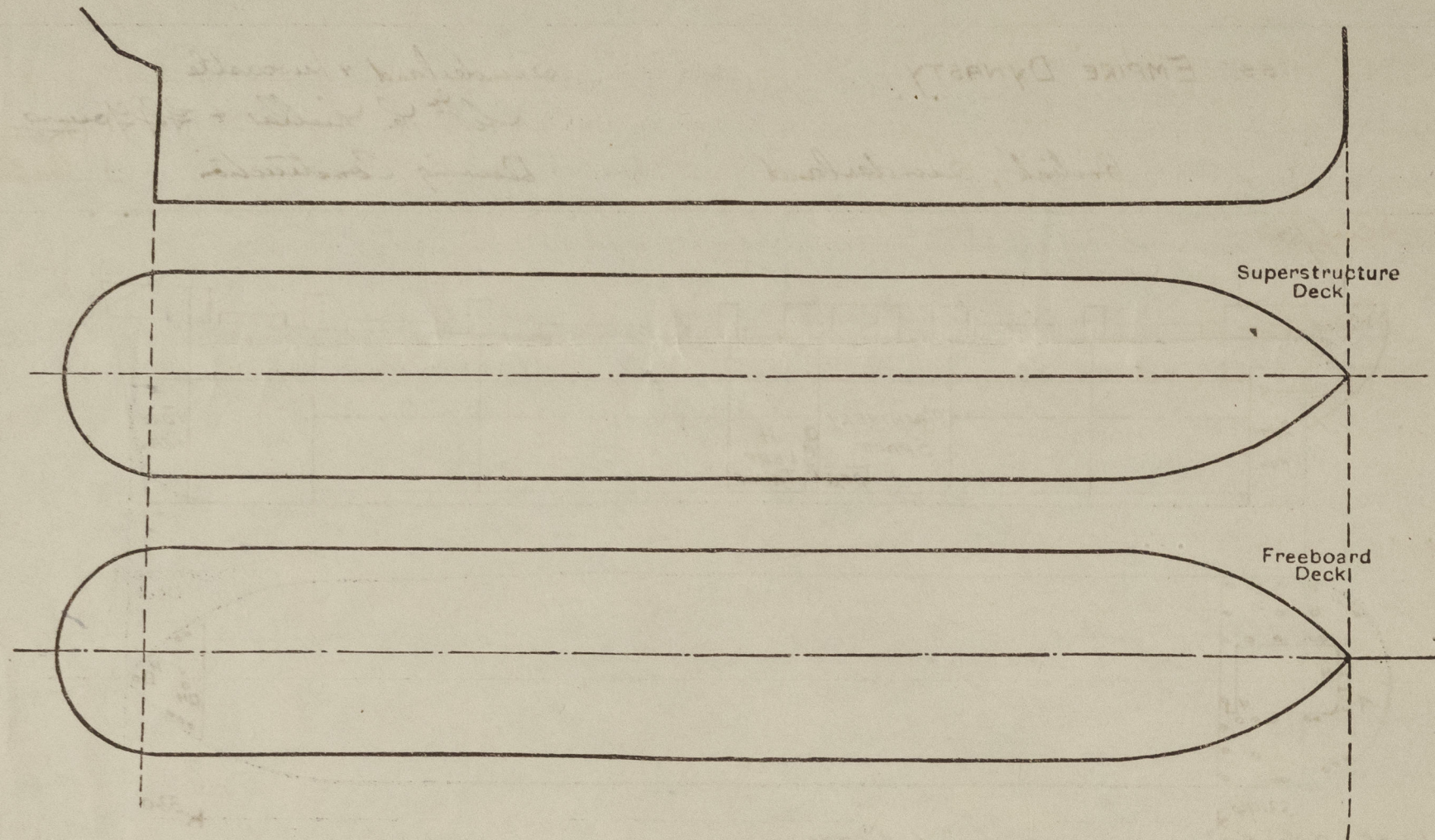
Request 9.

ENCLOSURE



## 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:—

Engine Room skylight, fiddle, funnel & ventilator coamings of steel strongly constructed.

Fiddle opening fitted with hinged steel covers, permanently attached

Particulars of Flush Bunker Scuttles:—

NONE

Particulars of Companionways:—

NONE

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

## POOP DECK

7-12" Vents to Accommodation

2-9" " " "

9-6" 4-7" " " "

12-5" G.N. Vs " " "

coaming 30" x 34"

" 30" x 32"

" 30" x 30"

18" to lip.

## FORE DECK

1-24" Vent to hold & tween Decks

1-12" " " Tween Deck

1-6" " " " "

5-5" G.N. Vs " Stores etc

coaming 36" x 40"

" 36" x 34"

" 36" x 30"

18" to lip.

## UPPER DECK

2-15" Vents to Tween Decks

2-6" " " Deck Tanks

6-5" " " Stores &

coaming 36" x 36"

" 36" x 40"

36" to lip.

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

Air pipes to D.B. and peak tanks on Poop & Fore Decks 18" to lip.

Air pipes to D.B. tanks on upper Deck 30" to lip.

Air pipes fitted with wood plugs or gauge & canvas covers

Particulars of Gangway Cargo and Coaling Ports:—

NONE

Particulars of Scuppers and Sanitary Discharge Pipes:—

7-3" dia pipe scuppers each side to drain upper deck. Scuppers of m.s. welded to shell & deck. Discharges from spaces above upper deck led to H.R. valves in Tween Decks } through shell  
Discharges from spaces below upper deck led to double H.R. valves. }  
Scuppers from Refrig. spaces, led to E.R. bilge, plugged & trapped at top, open ended at bilge.

Scuppers from Tween Decks led to Hold bilges, open ended.

Scupper from Magazine in Crew Flat aft, below upper deck, led to tunnel well, with self-closing cock.

Particulars of Side Scuttles:—

10" dia. sidelights to Crew Accom. in Tween decks aft, fitted with substantial hinged deadlights.

Vertical distance of Sill of lowest Side Scuttle above top of keel 4'3"-6"

Particulars of Guard Rails:—

Bulwark 90'-9" x 3'-6" x 25, rail 6" x 3 1/2" x 34" in way of Deckhouse, lower edge of bulwark 2" above top of sheerstrake. On remainder of upper Deck, rails 3'6" high efficiently supported.  
3 rails, stanchions 5'0" apart. On Poop & Fore Decks rails 3'3" high, 3 rails, stanchions 5'0" apart.

Particulars of Gangways, Lifelines, etc.:—

One lifeline supplied from Poop to Deckhouse & from Deckhouse to Fore, with fittings P & S.

## Particulars of Freeing Arrangements.

	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
Well ... ..	90'-9"	3'-6"	Bulwark kept 2" above sheerstrake			
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. ✓



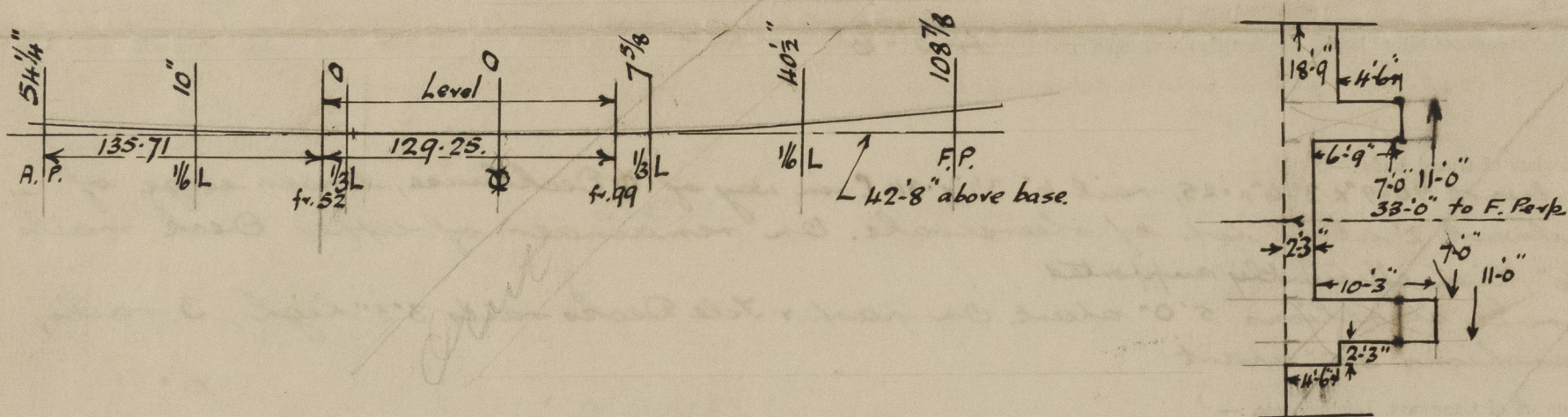
## PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.										Hatch to F. Peak Store	Fele Hatch to Lower Decks.	Deck Hatch to magazine	Roof Deck Hatch to magazine
Description of Hatchway	...	...	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6					
Dimensions of Hatchway	...	...	20'-3"x 16'	33'-9"x 21'	52'-3"x 21'	10'-3"x 21'	35'-9"x 21'	27'-6"x 21'	4'x 3'	34"x 2'-6"	2'-6"x 2'-6"	3'x 2'	
COAMINGS	Height above Deck Thickness Stiffeners Brackets, Stays plate	Sides Ends	30 44	30 44	30 50	30 44	42 44	42 44	9" C	24" 40	24" 40	18" 35	
			9"x 11" C	9"x 11" C	12"x 11" C	9"x 11" C	9"x 11" C	9"x 11" C					
			2	3	5	1	3	2					
HATCH BEAMS	Number Spacing Scantling and Sketch Bearing Surface	7 11 JL	3 equal 3 1/2 x 3 x 4 2 14 x 3 1/2 3 1/2 x 3 x 4 2 4"	5 equal 5 x 3 x 3/8 21 x 3 3/8 5 x 3 x 3/8 4"	8 equal 5 x 3 x 3/8 16 1/2 x 3 3/8 5 x 3 x 3/8 4"	equal 5 x 3 x 3/8 14 1/2 x 3 3/8 5 x 3 x 3/8 4"	5 equal 5 x 3 x 3/8 17 x 3 3/8 5 x 3 x 3/8 4"	4 equal 5 x 3 x 3/8 15 1/2 x 3 3/8 5 x 3 x 3/8 4"					
FORE AND AFTERS	Number Spacing Unsupported Lengths Scantling* and Sketch Bearing Surface												
HATCH COVERS	Material Thickness How fitted Bearing Surface		W. W. 3" F & A 3" x 5"	do.	do.	do.	do.	do.	W. W. 2 1/2" F & A 2 1/2"	40" steel W.T. cover 8 toggles	do.	do. 10 toggles	
Spacing of Cleats			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?  
Are tarpaulins in good condition and in accordance with rule requirements?  
Are lashings provided in accordance with rule requirements?

YES.  
yes.  
no.  
lacking bars fitted

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.

File.

$4.5 \times 7.75 =$	34.88
$9.0 \times 4.0 =$	36.00
$2.25 \times 14 =$	31.50
$4.5 \times 6.25 =$	28.12
$8.0 \times 4.0 =$	32.00
	<hr/>
	162.50
$37.5$	<hr/>
	4.33

$$\begin{array}{r} 33.00 \\ - 4.33 \\ \hline 28.67 \end{array}$$