

Lloyd's Register of Shipping.

 29 JUL 1942
 Index No. 36906
 (For London Office only).

SURVEYS FOR FREEBOARD. (CONDITIONS OF ASSIGNMENT.)

No. 18315

Ship's Name "EMPIRE CLARION".

Port of Survey West Hartlepool.

Official Number

168944

Surveyor's Signature

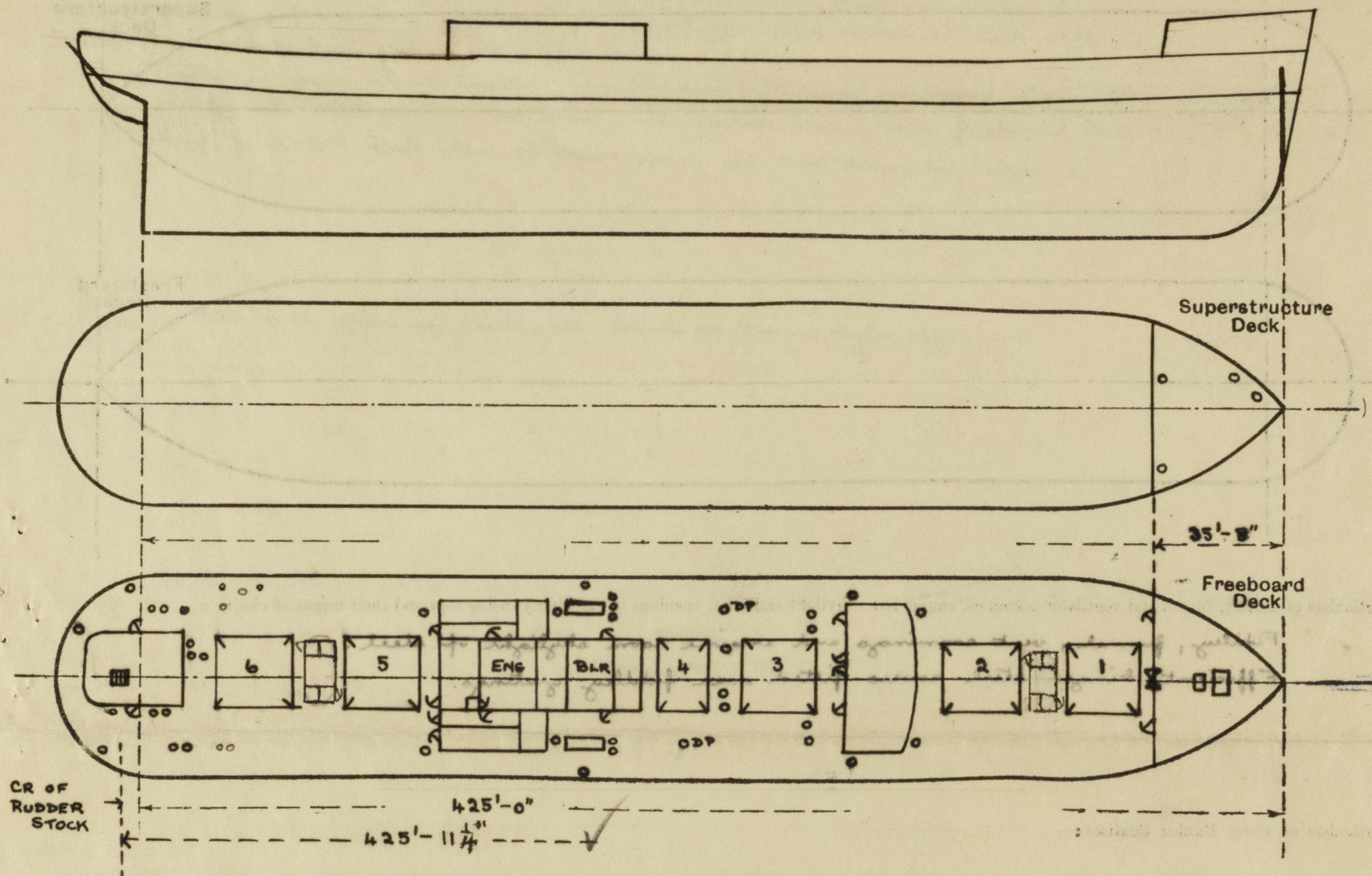
W. J. C. M. G.

Nationality and Port of Registry BRITISH, WEST HARTLEPOOL.

Date of Survey

July 1942.

Disposition and dimensions of superstructures, trunks, deckhouses and machinery casings to be inserted in the diagrams and tabular statement:—



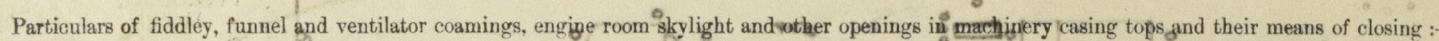
Particulars of Superstructures, Trunks, Casings, Deckhouses.

	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...				✓				
Raised Quarter Deck Bulkhead ...				✓				
Bridge, After Bulkhead ...				✓				
Bridge, Forward Bulkhead ...				✓				
Forecastle Bulkhead ...	.30	.30	4 x 3 x 5/16	30"	None	1 at 5'-1" x 4'-1" 1 at 5'-0" x 2'-3"	12"	6'-9" ✓
Trunk, Aft ...	"	" 81-5		✓				
Trunk, Forward ...	"	" 31-1		✓				
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	.35	.30	3 x 3 x .30 3 1/2 x 3 x .40	31"	BRT at top	2 @ 5'-0" x 2'-3"	22"	7'-9" ✓
Exposed Machinery Casings on Superstructure Decks ...				✓				
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...				✓				
Saloon ...	.25	.25	3 x 2 1/2 x .35	33" to 45"	BRT at top	2 at 5'-0" x 2'-0"	18"	
Deckhouses on Flush Deck Ships ...	.34	.30	5 x 3 x .35	24" to 47"	BRT or lugged	1 at 5'-0" x 4'-0"	22"	7'-6" ✓

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

Poop Bulkhead ...	✓
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead ...	✓
Bridge, Forward Bulkhead ...	✓
Forecastle Bulkhead ...	✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	Hook bolted plate and hinged steel doors operated from both sides. ✓
Exposed Machinery Casings on Superstructure Decks ...	Steel hinged doors operated from both sides. ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	✓
Deckhouses on Flush Deck Ships ...	Efficient hinged wood & steel hinged doors operated from both sides. ✓

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 Flush Bunker Scuttles:—

Particulars of Companionways :—

Compartmentway in Sdon house
leading to stoves done in
timber decks. Hung steel
door 5'-0" x 4'-0". Aerobic form
both sides. Sill 22" giving
access to hatch with 2 1/2" wood
cover of 2 1/2" opening. Locking
bar fitted.

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

2'-6" dia vents to cross bunker 36" x 30 ✓
 2'-18" " " " hold & turn dks. 8'-3" x 40 Support ✓
 1'-18" " " " " " " 36" x 40 ✓
 1'-15" " " " " " " 36" x 36 ✓
 2'-10" " " " turn dk 36" x 32 ✓
 2'-12" " " " turn dk 36" x 34 ✓
 7'-6" " " " " " 36" x 20 ✓
 4'-6" dia gooseneck vents to turn dks 18" high. ✓
 1'-8" dia vent to turn dk 36" x 30 ✓
 1'-15" " " after cruiser 36" x 36 ✓
 1'-3" gooseneck vent 18" high. ✓
 closing appliances supplied. ✓

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

closing appliances
supplied.

Particulars of Gangway Cargo and Coaling Ports:—

Particulars of Scuppers and Sanitary Discharge Pipes :

Scuppers from 2nd deck clear of crew space aft lead down to bilges.

Particulars of Side Scuttles :—

Species	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
Bluebird	1	1	1	1	1	1	1	1	1	1	1
Chimney Swift	1	1	1	1	1	1	1	1	1	1	1
House Wren	1	1	1	1	1	1	1	1	1	1	1
Robin	1	1	1	1	1	1	1	1	1	1	1
Starling	1	1	1	1	1	1	1	1	1	1	1
Tree Toad	1	1	1	1	1	1	1	1	1	1	1
White-throated Sparrow	1	1	1	1	1	1	1	1	1	1	1
Yellow Warbler	1	1	1	1	1	1	1	1	1	1	1
Mockingbird	1	1	1	1	1	1	1	1	1	1	1
Red-shouldered Hawk	1	1	1	1	1	1	1	1	1	1	1
Great Horned Owl	1	1	1	1	1	1	1	1	1	1	1
Screech Owl	1	1	1	1	1	1	1	1	1	1	1
Barred Owl	1	1	1	1	1	1	1	1	1	1	1
Great Blue Heron	1	1	1	1	1	1	1	1	1	1	1
Green Heron	1	1	1	1	1	1	1	1	1	1	1
Black-crowned Night Heron	1	1	1	1	1	1	1	1	1	1	1
Great Egret	1	1	1	1	1	1	1	1	1	1	1
Whooping Crane	1	1	1	1	1	1	1	1	1	1	1
American Bittern	1	1	1	1	1	1	1	1	1	1	1
Least Bittern	1	1	1	1	1	1	1	1	1	1	1
Blue-winged Teal	1	1	1	1	1	1	1	1	1	1	1
Ring-necked Pheasant	1	1	1	1	1	1	1	1	1	1	1
Wild Turkey	1	1	1	1	1	1	1	1	1	1	1
Guinea Fowl	1	1	1	1	1	1	1	1	1	1	1
Indian Peafowl	1	1	1	1	1	1	1	1	1	1	1
Emu	1	1	1	1	1	1	1	1	1	1	1
Kangaroo	1	1	1	1	1	1	1	1	1	1	1
Wombat	1	1	1	1	1	1	1	1	1	1	1
Possum	1	1	1	1	1	1	1	1	1	1	1
Koala	1	1	1	1	1	1	1	1	1	1	1
Wallaby	1	1	1	1	1	1	1	1	1	1	1
Quokka	1	1	1	1	1	1	1	1	1	1	1
Macquarie Island Rat	1	1	1	1	1	1	1	1	1	1	1
Eastern Grey Kangaroo	1	1	1	1	1	1	1	1	1	1	1
Western Grey Kangaroo	1	1	1	1	1	1	1	1	1	1	1
Eastern Wallaby	1	1	1	1	1	1	1	1	1	1	1
Western Wallaby	1	1	1	1	1	1	1	1	1	1	1
Quokka	1	1	1	1	1	1	1	1	1	1	1
Macquarie Island Rat	1	1	1	1	1	1	1	1	1	1	1
Eastern Grey Kangaroo	1	1	1	1	1	1	1	1	1	1	1
Western Grey Kangaroo	1	1	1	1	1	1	1	1	1	1	1
Eastern Wallaby	1	1	1	1	1	1	1	1	1	1	1
Western Wallaby	1	1	1								

distance of Sill of lowest Side Scuttle above top of keel

Particulars of Guard Rails :—

abreast saloon house + aft end engineers deckhouse Bulwark 3'-6" high with 3 framing
ports 7'-0" x 9" - 9" above deck edge. ✓
aft of engineers deckhouse 3 tier rails 3'-7½" high with stanchions about 5'-0" apart

Particulars of Gangways, Lifelines, etc.:—

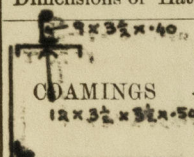
lifelines fitted.

Particulars of Freeing Arrangements.

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		INSIDE	FORE PEAK	CHAIN LOCKER	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Coal Hatch	Casing Top	Escape from gunnery accom.
Dimensions of Hatchway		4' x 3'	2' x 0"	31' x 20'	31' x 20'	31' x 20'	12' x 11' x 20'	31' x 20'	31' x 20'	31' x 20'	15' x 6' x 5' 0"	20' x 5' 6"	2' 0" diameter
 COAMINGS 12 x 3 1/2 x 5 1/2 x 50	Height above Deck	4' x 3 1/2' x 4'	40	31"	31"	31"	31"	31"	31"	31"	31"	9 x 3 1/2' x 40	6"
	Thickness { Sides Ends	40	44	44	44	44	44	44	44	44	44	44	efficient escape scuttle.
	Stiffeners	3	3	3	1	3	3	1	3	3	1	3	
	Brackets, Stays	3	3	3	1	3	3	1	3	3	1	3	
HATCH BEAMS	Number	5	5	5	5	5	5	5	5	5	5	5	
	Spacing	5' 3"	5' 2"	5' 2"	6' 5 1/2"	5' 2"	5' 2"	5' 2"	5' 2"	5' 2"	5' 2"	5' 2"	
	Scantling and Sketch	18 1/2 x 36	17 3/8 x 36	17 3/8 x 36	19 1/2 x 38	17 3/8 x 36	17 3/8 x 36	17 3/8 x 36	17 3/8 x 36	17 3/8 x 36	17 3/8 x 36	17 3/8 x 36	
Bearing Surface	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	
FORE AND AFTERS	Number												
	Spacing												
	Unsupported Lengths												
Bearing Surface													
HATCH COVERS	Material	wood	wood	wood	wood	wood	wood	wood	wood	wood	wood	wood	Hinged steel w.t. escape scuttle operated from both sides.
	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	2 1/2	
	How fitted	F+A	oth	F+A	F+A	F+A	F+A	F+A	F+A	F+A	F+A	F+A	
	Bearing Surface	2 1/2	2 1/2	3	3	3	3	3	3	3	3	3	
Spacing of Cleats	24	18	24	24	24	24	24	24	24	24	24	24	
Number of Tarpaulins	1	1	2	2	2	2	2	2	2	2	2	2	
*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?					Yes (locking bars fitted to Nos 1.2.3.4.5.6 hatchways.)								

Particulars of any special features:— Deeper loading endorsement will be required.

The openings in the 'tween deck bulkheads are closed as required by the letter from D. M. S. R. M.S. 1835 + 21.3.40.

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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