

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

 Index No. _____
 (For London Office only).

24 DEC 1941

No. 18224

Ship's Name "EMPIRE PILGRIM"

Port of Survey West Hartlepool

Official Number

Surveyor's Signature

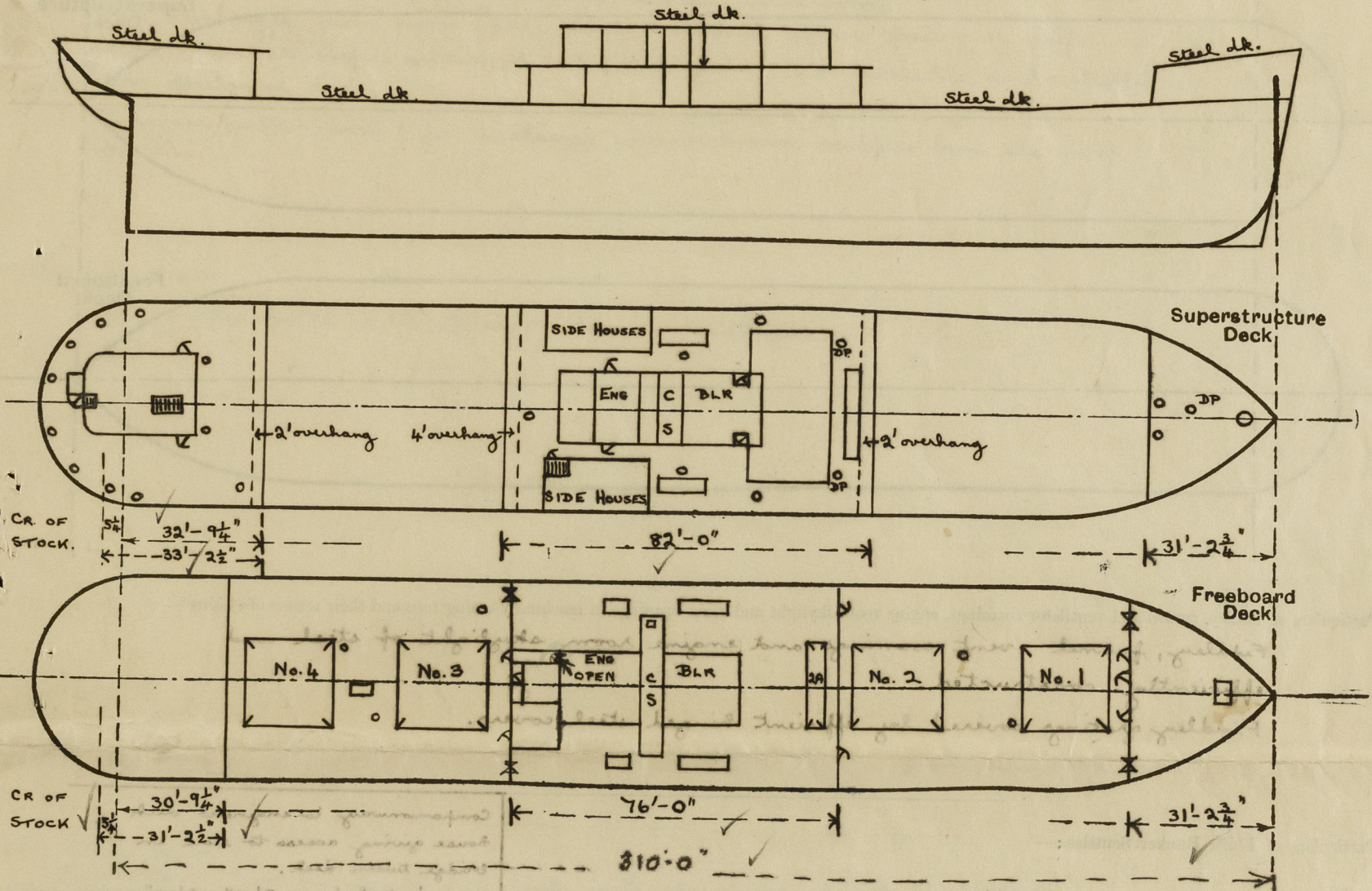
Nationality and Port of Registry BRITISH, WEST HARTLEPOOL.

Date of Survey

Whilst building Dec

1941.

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.

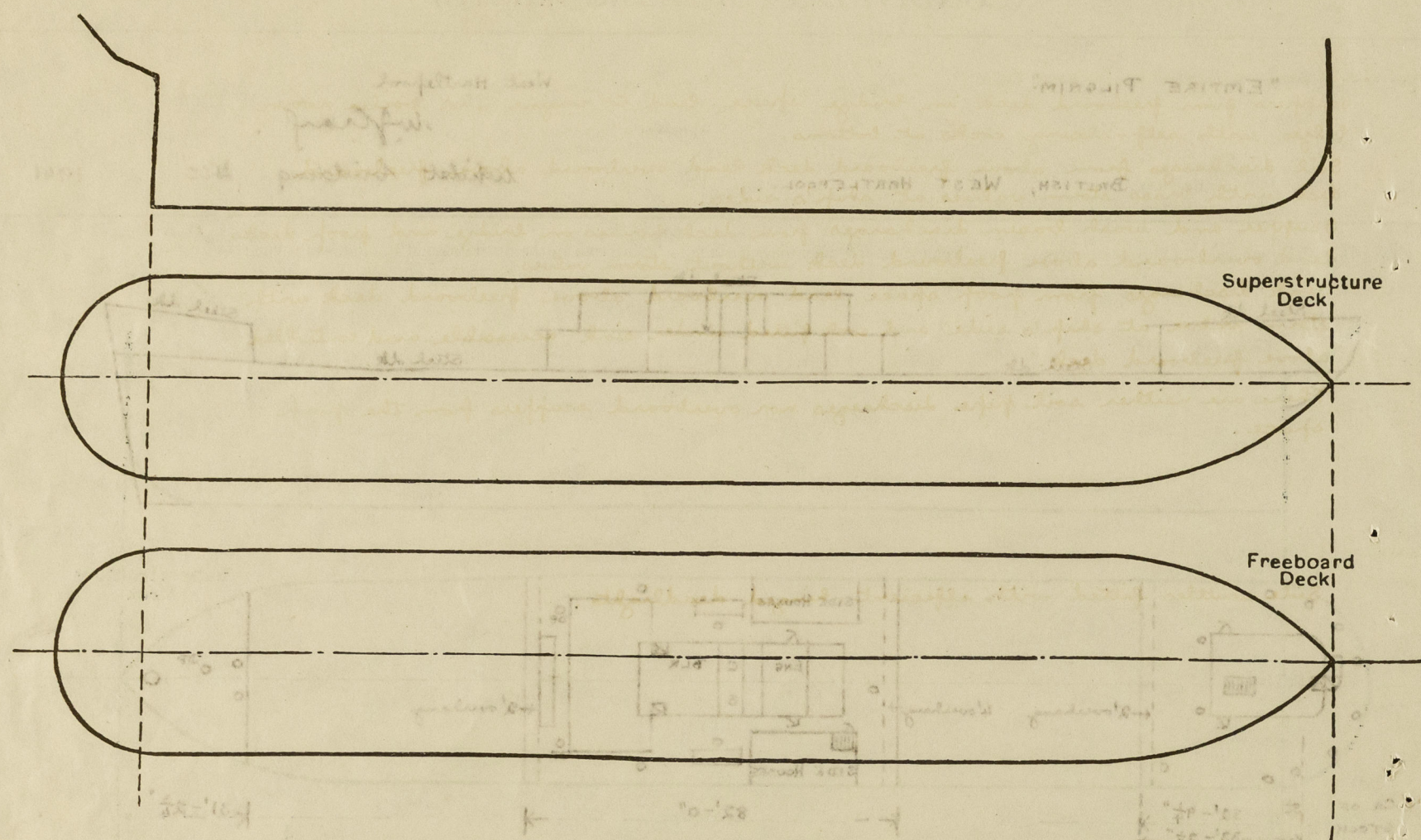
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead33	5 x 3 x $\frac{3}{8}$	24" to 33"	lugged	none	none	7'-9"
Raised Quarter Deck Bulkhead ...								
Bridge, After Bulkhead27	4 x 2 $\frac{1}{2}$ x $\frac{5}{16}$	19 $\frac{1}{2}$ " to 30"	none	2 at 4'-1" x 3'-1" 2 at 5'-0" x 2'-6"	18"	9'-0"
Bridge, Forward Bulkhead39	8 x 3 $\frac{1}{2}$ x 35 $\frac{7}{16}$	30"	lugged	2 at 4'-9" x 3'-0"	18"	9'-0"
Forecastle Bulkhead27	4 x 2 $\frac{1}{2}$ x $\frac{5}{16}$	30"	none	2 at 5'-1" x 3'-1" 3 at 4'-6" x 2'-0"	19" 18"	7'-0"
Trunk, Aft ...				✓				
Trunk, Forward ...				✓				
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...				✓				
Exposed Machinery Casings on Superstructure Decks34	.30	3 x 2 $\frac{1}{2}$ x $\frac{5}{16}$	24	none	4 at 5' x 2'	18"	7'-9"
Machinery Casings within Superstructures not fitted with Class I Closing Appliances30	.25	3 x 2 $\frac{1}{2}$ x $\frac{5}{16}$	24	Riveted to beams at top.	2 at 6'-0" x 3'-0" to saddle back and coal bunkers. 2 at 5' x 2'	3'-6" 18"	9'-0" 9'-0"
Deckhouses on Flush Deck Ships ...				✓				

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

Poop Bulkhead ...	No openings.	✓
Raised Quarter Deck Bulkhead ...	✓	
Bridge, After Bulkhead ...	Hook bolted plates and hinged steel doors operated from both sides.	✓
Bridge, Forward Bulkhead ...	Hinged steel doors operated from both sides.	✓
Forecastle Bulkhead ...	Hook bolted plates and hinged steel doors operated from both sides.	✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓	
Exposed Machinery Casings on Superstructure Decks ...	2 - 1 $\frac{1}{2}$ " hinged hardwood doors operated from both sides, protected by side houses.	✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	2 hinged steel doors operated from both sides.	✓
Deckhouses on Flush Deck Ships ...	Hinged steel doors operated 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, vent coamings and engine room skylight of steel and efficiently constructed.
Fiddle gratings covered by efficient hinged steel covers.

Particulars of Flush Bunker Scuttles:—

None.

Companionway to engine deck house giving access to store in bridge tween deck.
Hinged steel door 5'-0" x 2'-0" operated from both sides. Sill 18"

Particulars of Companionways:—

Entrance to poop accommodation incorporated in efficient steel deck-house.
2 openings 5'-0" x 2'-0" with hinged steel doors operated from both sides. Sills 21"

Entrance to engine room on upper deck at aft end of bridge.
Hinged steel door operated from both sides 5'-0" x 2'-0". Sill 18"

Entrance to cruiser stern space at aft end of poop deck house.
Hinged steel door 5'-0" x 2'-0" operated from both sides. Sill 18"

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

Forecastle:— 1-6" vent to F.P. coaming 36" x 30.
2-6" gooseneck vents 18" high.
1-19" efficient derrick post vent to hold.

Upper dk:— 4-15" vents to holds coaming 36" x 36.
1-15" " " " 11'-6" x 36 supported.

Bridge dk:— 2-6" vents to No. 2 hold coaming 30" x 30.
2-12" " " " 30" x 34.
1-12" " " " 20" x 34.
2-19" efficient derrick post vents.

Poop dk:— 2-8" vents to crew space coaming 32" x 30.
1-15" " " No. 3 hold " 36" x 36.
8-6" gooseneck vents 18" high.
1-3" " " to cruiser stern space 18" high.

closing appliances supplied.

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

Forecastle:— 1-3 1/2" air pipe to F peak 18" high.
1-4" " " " No. 1 D.B. tank 18" "

Upper dk:— 2-4" " " " 2 " " 38" "
2-2 1/2" " " " 6 " " 38" "

Bridge dk:— 2-3" " " " 3 " " 18" "
4-2 1/2" " " " 4 " " 18" "
2-3 1/2" " " " 5 " " 18" "

Poop dk:— 1-4" " " " A.P. tank 18" "

closing appliances supplied.

Particulars of Gangway Cargo and Coaling Ports:—

None.

Particulars of Scuppers and Sanitary Discharge Pipes:—

Scuppers from freeboard deck in bridge space lead to engine and boiler room ✓
bilges with self-closing cocks at bottoms.
Soil discharges from above freeboard deck lead overboard above freeboard ✓
deck with brass storm valves at ship's sides.
Scupper and wash basin discharges from deck houses on bridge and poop decks ✓
lead overboard above freeboard deck without storm valves.
Sink discharges from poop space lead overboard above freeboard deck with ✓
storm valve at ship's side and cock fitted under sink accessible and controlled
above freeboard deck.
There are neither soil pipe discharges nor overboard scuppers from the poop ✓
space.

Particulars of Side Scuttles:—

Side scuttles fitted with efficient hinged deadlights. ✓

Vertical distance of Sill of lowest Side Scuttle above top of keel All side scuttles above freeboard deck. ✓

Particulars of Guard Rails:—

Forecastle:— Two tier rails 3'-0" high with stanchions about 5'-0" apart.

Upper dk:— Efficient bulwarks with 7" BA rail bar on top and supported ✓
by stays spaced about 6 feet apart.

Bridge dk:— Three tier rails 3'-6" high with stanchions about 5 ft apart. ✓

Poop dk:— Two " " 3'-2" " " " 5 ft " ✓

Particulars of Gangways, Lifelines, etc.:—

Efficient appliances for lifelines fitted port and starboard in forward ✓
and after wells.

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	82'-0"	5'-0"	2 at 12'-0" x 8 1/2" (2) 1 at 14'-0" x 8 1/2" (1)	3	17.0 } 26.9 9.9	16.4 ft ²
Forward Well	90'-0"	5'-0"	12'-0" x 8 1/2" (3)	3	25.5	18.0 ft ²

State position of each freeing port { After Well:— from bridge end 8'-0", 36'-0", 66'-0". 7 1/2" above deck edge.

(F. and A. position and height above deck edge) { Forward Well:— " " front 10'-0", 40'-0", 70'-0" " " "

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— not required.

Additional area where sheer is less than standard.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.															
FREEBOARD DECK.															
Description of Hatchway		To F.P. space	Escape hatch	No. 1	No. 2	No. 2A	No. 3	No. 4	Coaling hatchway	Escape hatch	2nd hatchway	No. 2A	Bridge	POOP	CASING TOP
Dimensions of Hatchway		4' x 3'	5' x 2'-6"	32' x 22"	34' x 24'	8' x 24'	34' x 24'	32' x 22'	10' x 3'	6' x 3'	2' x 6"	12' x 3'	5'-10" x 16"	3' x 3'	6' x 12'-6"
COAMINGS	Height above Deck	9" B.A.	31"	31"	31"	9" B.A.	31"	31"	9" B.A.	9" B.A.	31"	31"	31"	18"	8" B.A.
	Thickness	.38	.44	.45	.45	.38	.45	.45	.38	.38	.44	.44	.44	.38	.35
	Sides	.38	.44	.45	.45	.38	.45	.45	.38	.38	.44	.44	.44	.38	.35
	Stiffeners	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HATCH BEAMS	Number	5	6	5	6	1	6	5	✓	✓	✓	✓	✓	✓	✓
	Spacing	5'-4"	4'-10"	4'-0"	4'-10"	5'-4"	4'-10"	5'-4"	✓	✓	✓	✓	✓	✓	✓
	Scantling and Sketch	Plate 21" x .38	Plate 18" x .35	Plate 21" x .38	Plate 21" x .38	Plate 21" x .38	Plate 21" x .38	Plate 21" x .38	✓	✓	✓	✓	✓	✓	✓
	Bearing Surface	4 x 2 double solid	4 x 2 double solid	4 x 2 double solid	4 x 2 double solid	4 x 2 double solid	4 x 2 double solid	4 x 2 double solid	✓	✓	✓	✓	✓	✓	✓
FORE AND AFTERS	Number	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Spacing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Unsupported Lengths	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Scantling* and Sketch	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HATCH COVERS	Material	wood	wood	wood	wood	wood	wood	wood	wood	wood	wood	wood	wood	wood	wood
	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	2 1/2	2 1/2	2 1/2
	How fitted	F+A	F+A	F+A	F+A	F+A	F+A	F+A	ath.	ath.	F+A	ath.	F+A	ath.	F+A
	Bearing Surface	2 1/2	2 1/2	3	3	3	3	3	2 1/2	2 1/2	2 1/2	2 1/2	3	2 1/2	2 1/2
Spacing of Cleats		24	21	24	24	24	24	24	24	24	22	24	24	24	24
Number of Tarpaulins		1	2	2	2	1	2	2	1	1	2	2	2	2	2
<p>*Are wood fore and afters steel shod at all bearing surfaces? ✓ Yes</p> <p>Are battens and wedges efficient and in good condition? ✓ Yes</p> <p>Are tarpaulins in good condition and in accordance with rule requirements? ✓ Yes</p> <p>Are lashings provided in accordance with rule requirements? ✓ Yes (locking bars fitted to Nos. 1, 2, 3 and 4 hatchways on flrd dk.)</p>															

Particulars of any special features:—

Timber Freeboard.

- Length of forecastle more than 7% the length of the vessel. ✓
- POOP deck fitted. ✓
- Machinery casings on freeboard deck protected by superstructure. ✓
- Centre division in double bottom tanks watertight for 1/2 length of vessel amidships. ✓
- Efficient bulwarks fitted 5'-0" high, 7" B.A. rail bar and strong bulwark stays about 6 feet apart. ✓
- Steering gear protected. ✓
- Auxiliary steering gear provided. ✓
- Eye plates for lashings riveted to sheerstrake the distance from the end bulkheads to the nearest eye plate being not more than 6'-6" and the eye plates are spaced not more than 10 ft apart. ✓
- Sockets for uprights fitted not more than 10'-0" apart. ✓

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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