

THE BRITISH CORPORATION REGISTER OF SHIPPING AND AIRCRAFT

SURVEY FOR FREEBOARD CONDITIONS OF ASSIGNMENT

Bluestone

SHIPS NAME **EMPIRE USK & MARKLYN**OFFICIAL NUMBER **142682**Nationality and Port of Registry **BRITISH, NEWPORT**

PARTICULARS OF SUPERSTRUCTURES, TRUNKS, CASINGS, DECKHOUSES

| | Coaming | Plating | Stiffeners | Spacing | End Attachments | No. and size of Openings | Height of Sills | Height of Casings |
|---|-----------|---------|---------------------|-------------|---------------------------------------|------------------------------------|-----------------|---------------------------------|
| Poop Bulkhead | 19" x 3/8 | 32 | 6 x 3 1/2 x 3 1/4 L | 30" | NONE <i>LUGGED T&B</i> | 2 Doors 4'-9" x 2 1/2" | 19" | - |
| R.Q.D. " | | | | | | 1 Door 6'5" x 2 1/2" | | - |
| Bridge Aft Bulkhead | Rat. Vert | 30 | 3 1/2 x 3 x 3 1/2 L | 30" 3/8 3/8 | NONE | 2 OPENINGS 5'1" x 3'-6" <i>18"</i> | 18" | - |
| " Forward " | 42 | 38 | 8 x 3 x 5 B.A. | 29" = 30" | TOP & BMTD BOTTOM | 2 STEEL DOORS 4'-9" x 3'-6" | 21" | - |
| Forecastle Bulkhead | Rat. Vert | 26 | 3 x 3 x 3 | 30" | NONE | 2 DOORS 4'-10" x 2'5" | 18" | - |
| Trunk, Aft | | | | | | 1 OPENING 5'4" x 4" | | - |
| " Forward | | | | | | | | - |
| Exposed Machinery Casings on Freeboard or R.Q. Decks | | | | | | | | - |
| Exposed Machinery Casings on superstructure decks | - | 3 | 3 1/2 x 3 1/2 x 4 | 33"-31" | BMTD. TO CABING BEAMS AT TOP | 4 DOORS 4'-6" x 2' 2" GALLET | 18" | 4'-0" at Bldg 7'-0" at Eng Rms. |
| Machinery Casings within Superstructures not fitted with Cl. 1 closing appliances | 18" x 35 | 33 | 3 1/2 x 3 1/2 x 4 | 33"-31" | BMTD. TO CASING BEAMS AT TOP | 2 DOORS 4'-8" x 2' 2" 4'-6" x 2'1" | 18" | 4'-6" |
| Deckhouses on flush deck ships | | | | | | | | |

PARTICULARS OF CLOSING APPLIANCES (state if capable of being manipulated from both sides)

| | |
|---|--|
| Poop Bulkhead | <i>Hinged Iron doors operated both sides</i> |
| R.Q.D. " | |
| Bridge Aft Bulkhead | <i>Weather boards full height in channels riveted to Bhd.</i> |
| " Forward " | <i>Hinged W.T. Iron doors operated from outside</i> |
| Forecastle Bulkhead | <i>2 Iron doors operated both sides to Paint & Lamp rooms (channels full height riveted)</i> |
| Exposed Machinery Casings on Freeboard or R.Q. decks | |
| Exposed Machinery Casings on superstructure decks | <i>steel doors manipulated both sides</i> |
| Machinery Casings within superstructures not fitted with Cl. 1 Closing Appliances | <i>11 x 3 steel doors " " "</i> |
| Deck houses on Flush Deck ships | |

PARTICULARS OF FREEING ARRANGEMENTS

| | Length of Bulwark | Height of Bulwark | No. and size of Freeing Ports each side | Area each side | Rule Area |
|--------------|-------------------|-------------------|---|----------------|---------------|
| After Well | 83.45 | 3'-9" | 4 @ 3' x 1'-5 1/2" | 14.5 sq. ft. | 16.45 sq. ft. |
| Forward Well | 85.45 | 3'-9" | 4 @ 3' x 1'-5 1/2" | 14.5 sq. ft. | 14.15 sq. ft. |

State fore and aft position and height above deck to bottom of port, for each port

After Well 8'-3", 26'-6", 47'-6", 76'-0" fore edge of W.P. to Bridge Bhd.

Forward Well 11'-8", 33'-8", 50'-6", 69'-0" after edge of W.P. to Bridge Bhd.

State whether freeing ports are fitted with shutters, bars or rails, and give particulars

all fitted with 2 horizontal rods, no shutters

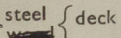
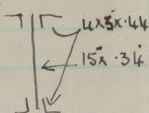
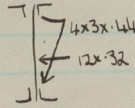
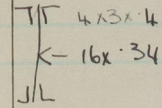
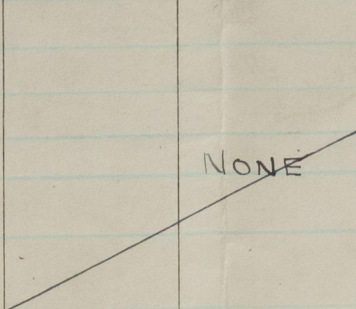

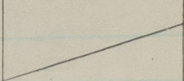
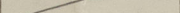
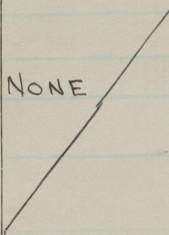


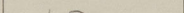


Give particulars of freeing port area, etc., on superstructure decks

open rails

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PARTICULARS OF ALL HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS

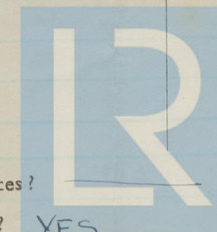
| Number and description of Hatchway from forward | | 1. | 2 | 3. | 4 | 5 | No. 3. |
|---|---|---|---|--|---|---|---|
| Dimensions of Hatchway | | Upper Dk 26'-6" x 18 | Upper Dk. 26'-6" x 18' | Bridge Dk. 10'-2 1/2" x 18 | Upper Dk. 26'-6" x 18' | Upper Dk. 26'-6" x 18 | Upper Deck 12'-3" x 18 |
| COAMINGS | Height above  steel { deck | 30" | 34" | 30" | 30" | 30" | 9" |
| | Thickness { sides ends | .44 | .44 | .44 | .44 | .44 | 9 x 3 1/2 x 1/2 B.A. |
| | Stiffeners Both sides & Ends | 7 x 3 x 1/4 B.A. | as No. 1 | 7 x 3 x 1/4 B.A. ONLY no stays | as 1 | as 1. | — |
| | Brackets or Stays | 2 @ 2 1/2" dia inside | as No. 1 | — | — | — | — |
| HATCH BEAMS | Number | 5 | 5 | 1 | 5 | 5 | 2. |
| | Spacing | 4'-5" | 4'-5" | 5'-1 1/4" | 4'-5" | 4'-5" | 4'-1" |
| | Scantling and Sketch |  | as No. 1. |  | as No. 1. | as No. 1. |  |
| | Bearing Surface and thickness of carriers or sockets | 3 1/2" x 3 1/2" x .5 | 3 1/2" x 3 1/2" x .5 | 3 1/2" x 3 1/2" x .5 | 3 1/2" x 3 1/2" x .5 | 3 1/2" x 3 1/2" x .5 | 3 1/2" x 3 1/2" x .5 |
| FORE AND AFTERS | Number |  |  |  |  |  | |
| | Spacing | | | | | | |
| | Unsupported lengths | | | | | | |
| | Scantling and Sketch | | | | | | |
| HATCH COVERS | Bearing Surface and thickness of carriers or sockets |  |  |  |  |  | |
| | Material | | | | | | |
| | Thickness | | | | | | |
| | How Fitted | | | | | | |
| HATCH COVERS | Bearing Surface | 3" | { As No. 1. | { As No. 1. | { As 1. | { As 1. | { As No. 1. |
| | Spacing of Cleats | 23" | | | | | |
| Number of Tarpaulins | | 3 | | | | | |

Are tarpaulins in good condition and in accordance with rule requirements? YES

Are lashings provided in accordance with rule requirements? YES

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

Are battens and wedges efficient and in good condition? YES.



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Give full particulars of the following :—

Fiddley, Funnel and Vent Coamings, Engine Room skylight and other openings in Machinery Casing tops and their means of closing (state height of coamings, type of fiddley covers, and if these are permanently attached in their proper positions)

FUNNEL ON TOP OF STEEL CASING 48" HIGH ABOVE BRIDGE DECK. STEEL FIDDLEY COVERS, PERMANENTLY ATTACHED.

FORWARD FIDDLEY OPENING ON TOP OF CASING 4'3" HIGH. STEEL COVERS PERMANENTLY ATTACHED

Flush Bunker Scuttles on freeboard and superstructure decks (state material, type of joints, etc., and if secured by hinge or permanent chain attachment)

NONE

Companionways on freeboard and superstructure decks (state material, height of doorway sills, type of doors, and if these can be closed and secured from both sides)

Poop House steel - sills 15" Strong wood door both sides.

Bridge Houses P.S. steel

Ventilators in exposed positions on freeboard, raised quarter and superstructure decks to spaces below freeboard decks and fully enclosed superstructures enclosed by Class 1 appliances (state height of steel coamings, pitch of rivets in deck connection, type of closing arrangements)

FORECASTLE 16" HOLD VENT. 30" COAMING RIVETS $3\frac{3}{8}$ "

Poop 4 @ 9" WITH 11" COAMING (ABOVE WOOD). 8 BOLTS FIXING TO WOOD DECK

2 @ 6" WITH 30" COAMING. 8 BOLTS FIXING TO DECK.

BRIDGE 2 - 16" VENTS 30" COAMING, $3\frac{3}{8}$ RIV. SPACING, 3 SMALL VENTS 30" COAMING $3\frac{3}{8}$ RIV. SPAC.

WELLS 16" VENTS, 30" COAMING $3\frac{3}{8}$ R. SPACING

8" TO TUNNEL, 30" COAMING $3\frac{3}{8}$ R SPACING.

ALL WOOD PLUGS & CANVAS COVERS

Airpipes in exposed positions on freeboard, raised quarter and superstructure decks (state height to opening and if satisfactory closing arrangements are provided) 2" S.N. ON F'LE GUTTER 18" HIGH ATHWARTSHIP 4- $\frac{3}{4}$ " BOLTS

2" S.N. AIR PIPE IN FORD. & AFTER WELLS. 18" TO THROAT 4- $\frac{3}{4}$ " BOLTS

1" S.N. IN POOP 9" TO THROAT.

CANVAS COVERS FOR CLOSING AND WOOD PLUGS SUPPLIED FOR THOSE IN WELLS.



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Scuppers and Sanitary Discharge Pipes (state material, type and number of valves)

WELL DECKS, COLLINSON TYPE AND KNEUSTRO SHELL ABOVE DECK
BRIDGE DECK SCUPPERS COLLINSON TYPE. UNDER BRIDGE DECK COLLINSON TYPE NO VALVE INBOARD ENDS
CLOSED WITH PLATE AND BRIDGE. SANITARY DISCHARGES FROM BRIDGE ACCOMMODATION CRAW
VALVE ON SHELL ABOUT 24" ABOVE UPPER DECK 3 BATH DISCHARGES THRO SHELL, NO VALVES
ABOUT 24" ABOVE UPPER DECK, IRON PIPES.

GUNNERS IN BRIDGE P. } W.C. NR at shell below U.DK. & valve at WC.
OILMAN & GREASERS, IN BRIDGE S. } other discharges NR at shell.

Crew Lavatories aft on Poop. N.R. at shell in Poop space.

Side Scuttles to spaces below freeboard and superstructure decks (state type or pattern, and if permanent or portable deadlights are supplied)

| | | | | |
|--------------------|------------|----------------|------------------------|---------------------|
| SIDE SCUTTLES THRO | POOP SHELL | AND POOP FRONT | HAVE DEADLIGHTS FITTED | PERMANENTLY |
| " | " | BRIDGE " | HAVE PERMANENT | DEADLIGHTS FITTED ✓ |
| " | " | F'LE " | - | - ✓ |

Vertical distance of sill of lowest side scuttle below top of freeboard deck at side amidships

Guard Rails on freeboard and superstructure decks (state type and where fitted)

| | | |
|------------------------------|----------|-------------|
| GUARD RAILS ON POOP AND F'LE | 39" HIGH | TWO RAILS |
| " " BRIDGE | 39" - | THREE RAILS |

Gangways and Lifelines

new berthed in poop hump lifelines fitted between eyebolts on
poop & bridge end bulkheads & lashed to rigging to keep taut.

Gangway, Cargo and Coaling Ports in sides of ship

NONE



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SUPPLEMENTARY REQUIREMENTS FOR STEAMER CARRYING TIMBER DECK CARGOES

Do Superstructure and Machinery Casings comply with rules?

Yes

Is provision made for protection of steering gear?

Flat iron cradles for protecting ends P.S.

Is emergency steering gear provided?

Yes.

Are efficient sockets and eyes for lashings provided and properly spaced?

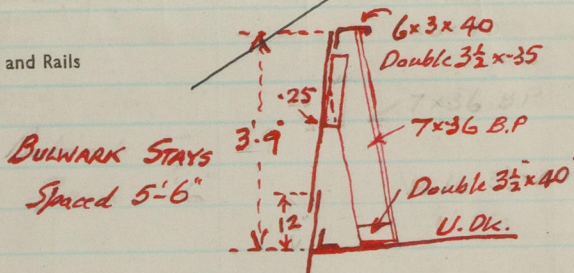
Yes.

State particulars of longitudinal subdivision in double bottom

C.G. in D.B. No 2-3-4-5-6 made W.T. Is.

38-126

State particulars of Bulwarks and Rails



Particulars of any Special Features in the construction of the Ship

Endorsement at first survey and at surveys for Renewal of Certificate:—

The fittings and appliances are in accordance with the particulars shown in the form and are in good condition



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