

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)

FIDDELEY TOP, HINGED STEEL COVERS
VENTS TO STOKEHOLD 2 @ 18" DIA.
VENTS TO ENGINE ROOM ALONGSIDE CASING AFT 1 P & S. OF STEEL
DOUBLE SIDED FITTED WITH HINGED STEEL FLAPS.

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

1 P & S TO SIDE BUNKERS (PATENT CARRON TYPE)

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)

TO ACCOMMODATION FORWARD ACCESS FROM INSIDE
STEEL DECKHOUSE. WOOD DOORS OPERATED FROM
BOTH SIDES WITH 24" COAMINGS.
COMPANION TO ACCOMMODATION AFT SEE SKETCH.

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)

2 @ 8" DIA COWL VENTS TO CREW SPACE FITTED ON SKYLIGHT FORWARD.
2 @ 6" DIA S.N. VENTS 30" COAMING TO CREW ACCOMM.
2 @ 5" DIA S.N. VENTS 30" COAMING TO CREW ACCOMM.
2 @ 6" DIA COWL VENTS TO ENGINE ROOM 30" COAMING
2 TO ENGINE ROOM AFT [BUILT TO CASING SIDE TO OPENING
& FITTED WITH HINGED STEEL FLAPS] SIZE OF VENTS 17"x12"x30"
2 @ 4" DIA S.N. VENTS TO STORE AFT COAMING 30"

CLOSING APPLIANCES — WOOD PLUGS AND CANVAS COVERS.

Airpipes in exposed positions on freeboard, raised quarter and superstructure decks (state height to opening and if satisfactory closing arrangements are provided)

1 @ 2" DIA. TO FORE PEAK 16" ABOVE DECK.
1 @ 3" DIA. TO F.W. TANKS P & S. 21" ABOVE DECK.
1 @ 2" DIA. TO AFTER PEAK 15" ABOVE DECK.

CLOSING APPLIANCES:— WOOD PLUGS & CANVAS COVERS.

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

SCUPPERS 5 P & S 4" DIA. M.S. TUBE BELOW DECK.

2 SOIL PIPES FROM W.C.'S WITH STORM VALVES ON SHIP SIDE
M.S. TUBE G.M. VALVE.

1 DISCHARGE FROM CAPTAIN'S W.B. WITH STORM VALVE ON SHIP SIDE M.S. TUBE G.M. VALVE
1 " " GALLEY " " " " " " M.S. " " "
1 " " WASHPLACE " " " " " " M.S. " " "

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

FLUSH DECK LIGHTS ON FREEBOARD DECK P & S TO ACCOMM. FORWARD
1 ON STARBOARD SIDE AFT.

SKYLIGHT TO CREW ACCOMM. FORWARD 8'-0" x 1'-9" COAMING 30"-33" HIGH 25" W.C.
6 @ 10" DIA FIXED LIGHTS IN END & SIDES & FITTED WITH STEEL
SLIDES OUTSIDE.

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)

STEEL BULWARKS ALL FORE & AFT.

Gangways and Lifelines

STORM RAILS ON BOILER CASING SIDE

Gangway, Cargo and Coaling Ports in sides of ship

SUPPLEMENTARY REQUIREMENTS FOR STEAMER CARRYING TIMBER DECK CARGOES

Do Superstructure and Machinery Casings comply with rules?

Is provision made for protection of steering gear?

Is emergency steering gear provided?

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

State particulars of longitudinal subdivision in double bottom

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

Form LL. 4.C. Revised

THE BRITISH CORPORATION REGISTER OF
SHIPPING AND AIRCRAFT
SURVEY FOR FREEBOARD

TUG "BRIGADIER".
STEAMER, ~~EMPIRE~~ EX "EMPIRE FRANK"
Nationality BRITISH. Builders' Name and No. of Ship JOHN CROWN & SONS LTD. No. 206
Port of Registry SUNDERLAND GLASGOW. SUNDERLAND.
Official Number 169032. Owners MINISTRY OF WAR TRANSPORT.
Gross Tonnage 208.33. Mgrs C. ROWBOTHAM & SONS.
Date of Build 1942. Port and Date of survey SUNDERLAND 1942 DURING CONSTRUCTION.
Name of Surveyor W. H. D. P. J. S.
Particulars of Classification BS* (TOWING PURPOSES). Names of Sister Ships "EMPIRE ASH", "EMPIRE WOLD".

Type of Superstructures FLUSH DECK.

Trade of Ship

Service Endorsement if any

| SUMMER FREEBOARD recommended amidships from centre of disc to top of deck line, (..... steel) | | | Corresponding Freeboard | |
|---|--------|--|-------------------------|-----------|
| TROPICAL FRESH WATER LINE above centre of disc | 5 1/2" | | | 1'-3 1/2" |
| FRESH WATER LINE | 2 1/2" | | | 0'-10" |
| TROPICAL LINE | 3" | | | 1'-1" |
| WINTER LINE below | 3" | | | 1'-0 1/2" |
| WINTER NORTH ATLANTIC LINE | 5" | | | 1'-6 1/2" |

SUMMER TIMBER FREEBOARD recommended amidships from top of deck line

| TROPICAL FRESH WATER Timber line above L.S. | | | Corresponding Freeboard | |
|---|---|-------|-------------------------|---|
| FRESH WATER | " | " | " | " |
| TROPICAL | " | " | " | " |
| WINTER | " | below | " | " |
| WINTER NORTH ATLANTIC | " | " | " | " |

Number of years recommended for load line certificate

The scantlings and protective arrangements being in accordance with the Load Line Rules it is submitted that the freeboards be assigned

Passed at a meeting of the Committee of Management of the British Corporation Register of Shipping and Aircraft

on the 7th October 1942



002522-002528-01859

THE BRITISH CORPORATION REGISTER OF
SHIPPING AND AIRCRAFT
SURVEY FOR FREEBOARD
CONDITIONS OF ASSIGNMENT

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

As this vessel is less than 250'-0" in length
the Freeboard Report has not been compared with the
approved plans.

002522-002528-0185 $\frac{9}{9}$

116 JAN 1951