

23-9-46

THE BRITISH CORPORATION REGISTER OF SHIPPING AND AIRCRAFT

SURVEY FOR FREEBOARD

1.5 STEAMER, ~~TANKER, SAILER~~: "CLAN BUCHANAN" (EX. H.M.S. "ENGADINE") WITH ~~WITHOUT~~ TIMBER DECK CARGO

Nationality *British* Builders' Name and No. of Ship *Denny Bros Dumbarton, No 1356*
 Port of Registry *Glasgow* Re-converted by *Forbes Drydock Co 1946*
 Official Number *169477* Owners *Clan Line Steamers Ltd*
 Gross Tonnage *7466.96*
 Date of Build *1941* Port and Date of survey *Glasgow, March 1946*
 Name of Surveyor *Donald* *During H. M. S. "ATHENE"*
 Particulars of Classification *B.5** Names of Sister Ships *"CLAN BRODIE" (EX. H.M.S. "ATHENE")*

Type of Superstructures *Complete superstructure with Tonnage opening aft.*

Trade of Ship

Service Endorsement if any

SUMMER FREEBOARD recommended amidships from centre of disc to top of deck line, (.....wood.....steel)

TROPICAL FRESH WATER LINE above centre of disc	<i>14 1/4"</i>	Corresponding Freeboard	<i>4'-4 3/4"</i>
FRESH WATER LINE	<i>7 1/4"</i>	" "	<i>3'-2 1/2"</i>
TROPICAL LINE	<i>7"</i>	" "	<i>3'-9 1/2"</i>
WINTER LINE	<i>7"</i>	" "	<i>3'-9 3/4"</i>
WINTER NORTH ATLANTIC LINE		" "	<i>4'-11 3/4"</i>

SUMMER TIMBER FREEBOARD recommended amidships from top of deck line

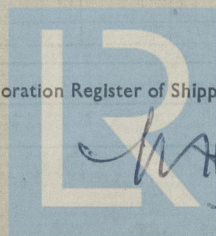
TROPICAL FRESH WATER Timber line above L.S.		Corresponding Freeboard	
FRESH WATER	" " " "	" "	
TROPICAL	" " " "	" "	
WINTER	" " below "	" "	
WINTER NORTH ATLANTIC	" " " "	" "	

Number of years recommended for load line certificate *16*

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

Chief Surveyor

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

on the *2ND* OCTOBER, 1946.

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Secretary

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)

Engine Rm skylight 1' 0" at side above casing top. with 8 Hinged steel flaps, 3-12" dia lights in each.

Ventilators to boiler & Engine Rm on casing top.

2-32" Dia (with Jan Motors), 2-32" Dia with Mushum Tops, 5-32" Dia with Con(s.) Angle ironing riveted

2-21" Dia (with Jan Motors) with Con(s.)

5-15" Dia with Con(s.), (4 with 24" Con(s.), 1 with 36" Con(s.) welded to casing top

5-16" Dia opening with gratings & hinged steel flaps on casing top

Original from trunk at deck end reduced to 40" above casing top & fitted with gratings & 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)

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)

Steel Companionway to Gns space from Poop Deck. Hinged wood door, opening from both sides.
Height of sill 15"

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)

1st Deck 12" Dia 36" Con(s.) 34" thick To lower Store

" " 10 1/2" Dia 36" " 40" " " No 1 Hold

" " 10 1/2" Dia 36" " 38" " " No 2 Hold

" " 20 1/2" Dia 36" " 40" " " No 3 Hold

Upper Deck 20 1/2" (D.P.) No 2 Hold

" " 20 1/2" Dia 36" " 40" " " " "

" " 40 1/2" Dia 36" " 36" " " No 2 T. Deck

" " 20 1/2" " 11' 9" 34" " Deck Tank (No 3 Hold)

" " 20 1/2" " 11' 9" 34" " No 3. U.T. Deck

Upper Deck 20 1/2" Dia 10 1/2" Con(s.) 40" thick To No 4 Hold.

Next lower 20 1/2" " 30" " 40" " " " "

" " 20 1/2" " 30" " 40" " " No 5 "

Upper Deck 20 1/2" " 36" " 32" " " " T. Deck

Poop Deck 20 1/2" " 30" " 38" " " No 6 Hold.

Long Anyts. wood plugs & Canvas Cover.

Coverings welded to deck plating.

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

For pipes:- 2-3" Dia in Poop, 2-3" in Deck, 4-2" Dia in U.T. Deck, 8-3" Dia in U.T. Deck. welded to Deck, height to opening 21" with 3/8" height holes. To Gns & Peak Tanks. wood plugs & Canvas covers.

20-4" Dia in Upper Deck, 2-3" Dia & 4-2" Dia in upper Deck; welded to Deck. Height to opening 21". To Oil tank & D.B. Tanks. fitted with gauges.

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

Bronze, back balanced storm valves:-

Starboard 10 1/2", 3 1/2"

Port 10 1/2", 10 1/2", 2 1/2" } in Bridge space

Starboard 10 1/2", 10 1/2" } across space aft.

Port 10 1/2", 10 1/2" }

Open scuppers:-

Starboard 2 1/2", 4 1/2" } in Bridge space

Port 2 1/2", 1 1/2" }

All scuppers & discharges above freeboard Deck

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

Starboard 6 in No 10" dia & 1 1/2" dia. in Poop Bronze frames & C.I. deadlights.

Port 6 " " " " " " " " " " " "

Poop Deck 2-15" dia " " " " " " " " " "

Main Deck Starboard 6 in No 10" dia & 2-9" dia " " " " " " " " " "

" " Port 6 " " " " " " " " " "

Bridge space 15 in No 15" dia Port side " " " " " " " " " "

" " 6 " " 12" " & 1 1/2" dia Starboard " " " " " " " " " "

Cross Quarter Aft.

Midship Accommodation & Store Rooms

Below Deck

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)

Ironcastle Deck 3' 6" high with 3 rails

Iron. well & Rte well in upper Deck 3' 9" high with 3 rails. Portable sections

Poop Deck 3' 6" high with 3 rails.

Gangways and Lifelines

NONE Lifeline in Rte well

Gangway, Cargo and Coaling Ports in sides of ship

NONE

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



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