

STEEL STEAMER OR MOTORSHIP.

Received at London Office.

Red 20. 27/7.

23 JUL 1943

State if Report has been sent on the Freeboard of the Vessel. yesState if Report is sent on the Machinery of the Vessel. yes

CORNISH CITY

Date of completion of report 21st July 1943 Port of Sunderland No. 33747Survey held at Sunderland Date First Survey 28 Aug 1943 Last Survey 17th July 1943On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Single Screw M.V. "EMPIRE CHEER" Machinery amidshipsState Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Intermediate between F.S. and S.S. State Type of Erections Home: Flush DeckTONNAGE under Tonnage Deck ... 6786.72CLASS +100 A1State if with freeboard as condition of Class yesBuilt at SunderlandDo. of space or spaces between Tonnage Dk. and Upper Dk. ✓Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 421.87Launched 9.3.43Yard No. 702Total ✓Breadth (greatest moulded) B 56.21Builders Wm. Darnley & Sons Ltd.Gross Tonnage 7296.73Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 38.07Owners Ministry of War TransportRegister Tonnage 4986.421st Longitudinal Number (L x D) 15569Managers Sir Reuben Smith

(Where necessary to be entered in Reg. Book)

2nd Numeral L x (B + D) 39185

Residence

REGISTERED DIMENSIONS.

FEET

Length 428.8Breadth 56.5Depth 35.5Framing Depth "d," at middle of length. See Sec. 3 (1d) 25.35Proportions—Depth to Length—Uppermost continuous deck to top of keel 11.07Do. Long Bridge to top of keel ✓Draught Moulded 27'-2"Port of Registry Sunderland

If surveyed while building, afloat, or in dry dock

During Construction

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	31 1/2 ✓		Bracket Floors, Frame	6 3 1/2 40 ✓	
" " from 1/2 length amidships to Collision bulkhead	27 ✓		" " Reversed Frame	6 3 1/2 34 ✓	
" " in peaks	24 ✓		" " Vertical Struts	10 3 1/2 40 ✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	44 1/4 x 54 ✓	
Frame Amidships, Angle [	13 1/2 4 54 ✓		" " top Angles <u>Double</u>	3 1/2 3 1/2 48 ✓	
" " Extends up to	✓		" " bottom Angles <u>Double</u>	5 5 50 ✓	
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	One 38 ✓	
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	40 1/2 x 54 ✓	
Depth of Framing Girder	✓		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	6 6 45 ✓	
Frames in Uppermost Continuous 'tween Decks, Angle [	6 3 1/2 35 ✓		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	6 6 45 ✓	
" " Second 'tween Decks, Angle, [or [	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	13 1/2 x 42 continuous	
" " Third	✓		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	20 x 42 Do.	
" " from 1/2 len. for'd. to 15% len. from Stem	13 1/2 4 60 ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	70 x 46 ✓	
" " in Peaks, Angle [	8 3 1/2 38 ✓		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 @ 5 3/4 ✓		Breadth and thickness of Middle Line Strake	78 x 50	
State if Frame Joggled	yes ✓		Thickness of remainder in Holds	44 ✓	+ .08 under hatchways
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	yes ✓		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?	yes ✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	yes ✓		BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Way of Bridge [or [	8 3 1/2 35 ✓	
Floors, Depth and thickness at mid-line in Holds	✓		" " in way of Bridge, Angle, [or ["	
Height of Brackets at side above base line at toe of frame	✓		Spacing	31 1/2 ✓	
Middle Line Keelson, on Floors, Angles, [or [	✓		Second Deck, amidships, Angle [	9 3 1/2 38 ✓	
" " Through Plate or Inter-costal Plate	✓		Spacing	31 1/2 ✓	
" " Foundation Plate on Floors	✓		Third Deck, amidships, Angle, [or [✓	
" " Flat Plate Keel Angles	✓		Spacing	✓	
Side Keelsons, No. each side	✓		Fourth Deck, amidships, Angle, [or [✓	
" " thickness of Inter-costal Plate	✓		Spacing	✓	
" " Angles	✓		Poop Deck, Angle, [or [✓	
DOUBLE BOTTOM.			Spacing	✓	
Solid Floors, thickness and spacing	42 @ 94 1/2 ✓		Bridge Deck, Angle, [or [✓	
" " Are Frame and Reversed Frame joggled?	yes ✓		Spacing	✓	
Bracket Floors, breadth and thickness at middle line	33 x 42 ✓		Forecastle Deck, Angle, [or [✓	
" " breadth and thickness at margin plate	33 x 42 ✓		Spacing	✓	

PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows					
" " in 'tween Decks, Size and Spacing					
" "					
" "					
" "					
" "					
Centre Line Bulkhead. Stiffeners and Spacing	T.D. HOLD	32 32 40 } 9 32 44 }	✓		
Plating, thickness of	T.D. HOLD	.36 .30			
STRINGERS AND DECKS.					
Uppermost Continuous Deck:					
Stringer Plate, breadth and thickness	70 x .83	✓			
" " in way of Bridge	✓				
" " Angle in Wells	6 6 8	✓			
Thickness of Plating abreast Deck openings in way of Wells .....	.67	✓			
Thickness of Plating abreast Deck openings in way of Bridge.....}	✓				
Thickness of Plating within line of openings...	.40	✓			
If Sheathed, material and thickness.....	✓				
Second Deck.					
Stringer Plate, breadth and thickness	70 x .40	✓			
Stringer Plate, breadth and thickness in way of Bridge.....}					
Thickness of Plating abreast Deck openings in way of Wells					
Thickness of Plating abreast Deck openings in way of Bridge.....}					
Thickness of Plating within line of openings...					
If Sheathed, material and thickness.....					
Third Deck.					
Stringer Plate, breadth and thickness.....					
If Plated, state thickness					
Fourth Deck.					
Stringer Plate, breadth and thickness.....					
If Plated, state thickness.....					
Poop Deck.					
Stringer Plate, breadth and thickness.....					
Plating, Sheathing, material and thickness ...					
Bridge Deck.					
Stringer Plate, breadth and thickness.....					
Plating, Sheathing, material and thickness ...					
Forecastle Deck.					
Stringer Plate, breadth and thickness.....					
Plating, Sheathing, material and thickness...					

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

7 BHT Coll. 6 W.H. 6 6 2nd 1 6 divisional W.T. BHTs in 'main decks

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c) Seven openings closed by rivelled plates. See

„ Deck next below ✓ 3rd. Rpt.

As per Rule Seven ✓

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	✓	✓	✓	✓
STEM	Rollad.	M.S. 9 ³ / ₄ x 2 ⁵ / ₈	Steel plates	
STERN FRAME {	Propeller Post	}	Fabricated as per approved plans.	
	Rudder			
Speed of Vessel		11 ¹ / ₂ knots.	✓	
RUDDER—Type		Ordinary		
.. A x D.....		440	✓	
.. Diam. of head		10 ¹ / ₂ "	✓	
.. Mainpiece at top pintle	}	}	Fabricated as per approved plans.	
.. " heel				
.. how constructed		Built	✓	
.. double or single plate coupling, vertical or		Double.	✓	
.. horizontal		Horizontal	✓	

[illegible]

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) <i>Bossell Iron Works.</i>
	<i>Cargo Fleet, South Durham, Appleby, Skinningrove, Norman Long.</i>
	Has the Steel been tested as required by the Rules? <i>Yes.</i>

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

The Side deep tanks in Engine Room wings referred to in General Description, have been built to scantlings suitable for the carriage of oil, but, during the present emergency they will be used for Water Ballast Only. Cargo battens in Holds and tween decks and Second deck hatch covers are to be fitted at the first convenient opportunity.

Sister vessel to Same Builders "Empire Beauty" (703)

PARTICULARS OF ELECTRIC WELDING (if employed) Fleet weld and Quasi-arc overhead electrodes.

Parts Welded:—

Second deck stringer to shell; Deep and Peak tank girders; Rudder plates
Bulldhead stiffener brackets to tank top; Hatch web mountings; Hatch webs.
Ventilator cummings to deck; Tank side gussets

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book Lloyd's A.C.P. Cruiser Stern

Six divisional W.T. Bbs. fitted in Tween decks.

Motor Engines: J.E. Echo Sounding; Cargo Battens not fitted.

Hatch covers not fitted on 2nd deck.

Particulars of Drop Test of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower	34.3.24	J.D.	4012	27.2.42
2nd "	34.2.5	J.D.	4015	27.2.42
Stream	19.1.20	J.H.J.	5362	8.12.42.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop. ✓ ft., R.Q.D. ✓ ft., Bridge. ✓ ft., Forecastle. ✓ ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated.

Official No. 169115 Signal Letters B.F.J.T. Extreme Breadth over Belting ✓ Over-all Length 442-11 1/4 ✓
(Circ. 1611) (Circ. 1703)

No. and Material of Decks Two Decks (Steel) ✓

Parts of Bottom of Vessel coated with cement ~~applied~~ has 124 Double bottom tanks, cofferdams and bridges.
pt. Cam

Particulars of composition (if fitted) and of approval ✓

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284)
(Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	120.75	337	Fore peak tank,	24	134 ✓
Double bottom, under Engines and Boilers, FEED WATER	10.5	50	After peak tank,	18	170 ✓
Double bottom, if under Engines only,	23.55	82	Deep tank, aft, AMIDSHIPS	28.8	1205 ✓
Double bottom, if under Boilers only, COFFERDAMS	5.25	-	Deep tank, forward, WINGS IN E.R.		576 ✓
Double bottom, forward,	193.50	692	Other tanks, if fitted, BETWEEN DECKS AMIDSHIPS.		444 ✓
Total length (if continuous) and Capacity.	353.67	1161	(If necessary furnish further information by sketch.)		
	356.25				

Order for Special Survey No. 6046

Date 17.8.42

Dates of Surveys held while building

1942 Aug. 28.31. Sep. 16.29. Oct. 14.20.21.22.23.26.28.31. Nov. 3.5.9.12.16.19.24.27. Dec 2
4.8.9.11.17.18.21.22.23.24.28.29.31. 1943 Jan. 4.7.11.13.15.18.19.22.25.26.27.29.30. Feb. 1.2.4.5.6
8.9.10.11.12.13.15.16.22.24.25.26.27. Mar. 1.2.4.5.6.8.9.11.12.16.17.26.29.31. Apr. 2.8.9.12.13.14.15.16
18.19.21.23.27.28.29.30. May. 4.5.6.7.10.11.12.13.14.17.18.19.20.21.24.25.26.27.28.29. June 1.4.6
11.17.18.23.27.28.29. July. 17.
Total No. of Visits 126