

Rpt. 1.

RECEIVED

30 NOV 1944

IN D

DISCLOSED

SECTION

801

STEEL STEAMER OR MOTORSHIP.

Received at London-Office

DISCLOSED

SECTION

801

27 NOV 1944

State if Report has been sent on the Freeboard of the Vessel *Yes*State if Report is sent on the Machinery of the Vessel *from here*Date of completion of report *24 November 1944* Port of *Sunderland*Survey held at *Sunderland* Date First Survey *8th Jan 1943* Last Survey *16th November 1944*On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *SS. EMPIRE DYNASTY Single Screw*State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Intermediate between CSS. & F.S.* State Type of Erections *Prop. & C.*TONNAGE under Tonnage Deck ... *8891.44*Do. of space or spaces between Tonnage Dk. and Upper Dk. *✓*nage *9904.87*Tonnage *7106.87*

REGISTERED DIMENSIONS.

FEET

*47.5**64.15**40.05*CLASS *+100A.1* State if with freeboard as condition of Class *YES*Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *465'0"*Breadth (greatest moulded) *B 64'0"*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 42'8"*1st Longitudinal Number (L x D) *18655*2nd Numeral L x (B + D) *48415*Framing Depth "d," at middle of length. See Sec. 3 (1d) *17.3*Proportions—Depth to Length—Uppermost continuous deck to top of keel *10.9*Do. Long Bridge to top of keel *✓*Draught Moulded *29'7¹/₂"*Built at *Sunderland*Launched *22nd May 1944* Yard No. *631*Builders *Messrs J.L. Thompson & Son Ltd.*Owners *Ministry of War Transport*Managers *Lampson & Holt Ltd.*

(Where necessary to be entered in Reg. Book)

Residence *✓*Port of Registry *Sunderland*

If surveyed while building, afloat, & in dry dock

YES

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.
AMES, Spacing amidships.....	33 ✓		Bracket Floors, Frame	✓	
" " from 1/3 length amidships to Collision bulkhead.....	27 ✓		" " Reversed Frame.....	✓	
" " in peaks	24 ✓		" " Vertical Struts	✓	
DE FRAMING.			Centre Girder, depth and thickness amidships	47' x 58" App'd 46 1/4	
Frame Amidships, Angle, [or]	12 x 3 1/2 x 3 1/2 x 144 ✓		" " top Angles	3 1/2 x 3 1/2 x 50 ✓	
" " Extends up to.....	UPPER DECK ✓		" " bottom Angles.....	5 x 5 x 56 ✓	
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness. One	8 x 3 1/2 x 42 L continuous top & bottom. 42 plate for (92-124) ✓	
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	39 x 58 ✓	
Depth of Framing Girder.....	12 ✓		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	6 x 6 x 7/16 T ✓	
Frames in Uppermost Continuous Decks, Angle, [or]	10 x 3 1/2 x 42 ✓	1st No 1 Hold ✓	" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	21 x 45 continuous welded ✓	
" " Second 'tween Decks, Angle, [or]	✓		" " Gussets, spacing and scantling abaft 1/4 len. from stem.....	6 T. Top, Rig. to T. 58 bts ✓	
" " Third " " " " " "	✓		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	intercostal in E.R., O.F. Bunkers, Deep Tank ✓	
" " from 1/3 len. for'd. to 1/3 len. from Stem in No 1 Hold.....	15 x 4 x 4 x 62 ✓	Ch. to 2nd Deck ✓	" " Tank Side Brackets, height above base line at toe of Frame and thickness	44 1/2 x 48 ✓	
" " in Peaks, Angle or [or]	9 x 3 1/2 x 48 ✓		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 5/16 ✓	Shell Flange cut at Welded Seams ✓	Breadth and thickness of Middle Line Strake...	68 x 60 ✓	
State if Frame Joggled.....	No ✓		Thickness of remainder in Holds	48 x 42 + 0.08 under hatches ✓	
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 Wells, Angle, [or]	9 x 3 1/2 x 3 1/2 x 54 ✓	
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	every ✓	
Middle Line Keelson, on Floors, Angles, [or]	✓		Second Deck, amidships, Angle, [or]	12 x 3 1/2 x 3 1/2 x 50 ✓	
" " Through Plate or Intercostal Plate	✓		Spacing	every ✓	
" " Foundation Plate on Floors	✓		Third Deck, amidships, Angle, [or]	12 x 3 1/2 x 3 1/2 x 50 ✓	
" " Flat Plate Keel Angles	✓		Spacing	every ✓	
Side Keelsons, No. each side.....	✓		Fourth Deck, amidships, Angle, [or]	✓	
" " thickness of Intercostal Plate.....	✓		Spacing	✓	
" " Angles	✓		Poop Deck, Angle, [or]	9 x 3 1/2 x 3/8 ✓	as app'd ✓
DOUBLE BOTTOM.			Spacing	every ✓	
Solid Floors, thickness and spacing	42 every ✓		Bridge Deck, Angle, [or]	✓	
" " Are Frame and Reversed Frame joggled?	YES ✓	Shell Plating Welded ✓	Spacing	✓	
Bracket Floors, breadth and thickness at middle line	✓		Forecastle Deck, Angle, [or]	7 x 3 x 42 x 34 ✓	
" " breadth and thickness at margin plate.....	✓		Spacing	every ✓	



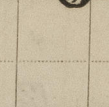
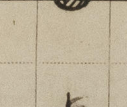
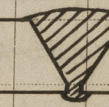

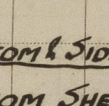

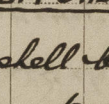
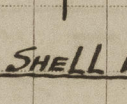
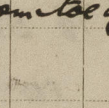
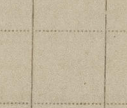
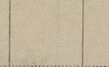

(MADE IN ENGLAND.)

011628-011635-0265 1/2

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	One each side ✓		Stringer Plate, breadth and thickness in way of Bridge	✓	
" in 'tween Decks, Size and Spacing	10" dia x .42 } ✓		Thickness of Plating abreast Deck openings in way of Wells42 ✓	
" " " " " "	20" dia x .62 } has app ^d ✓		Thickness of Plating abreast Deck openings in way of Bridge.....	✓	
" in Holds " " " " " "	30" dia x .75 } ✓		Thickness of Plating within line of openings...	.36 ✓	
" " " " " " " " " " " "	✓		If Sheathed, material and thickness.....	✓	
Centre Line Bulkhead. Stiffeners and Spacing	✓		Third Deck. Stringer Plate, breadth and thickness.....	6.0 x .34, .42 40/p Deep Tank.	
Plating, thickness of	✓		If Plated, state thickness32 abreast hatches ✓ .60 next hatches ✓ .30 inside hatches. ✓	
STRINGERS AND DECKS. Uppermost Continuous Deck. Stringer Plate, breadth and thickness in Wells	7 1/2 x .72 ✓ app ^d .68" ✓		Fourth Deck. Stringer Plate, breadth and thickness.....	✓	
" " " " " " in way of Bridge	✓		If Plated, state thickness.....	✓	
" Angle in Wells	welded to shell ✓		Poop Deck. Stringer Plate, breadth and thickness.....	.30 ✓	
Thickness of Plating abreast Deck openings } in way of Wells65 ✓		Plating, Sheathing, material and thickness30 ✓	
Thickness of Plating abreast Deck openings } in way of Bridge.....	✓		Bridge Deck. Stringer Plate, breadth and thickness.....	✓	
Thickness of Plating within line of openings...	.43 ✓		Plating, Sheathing, material and thickness ...	✓	
If Sheathed, material and thickness.....	✓		Forecastle Deck. Stringer Plate, breadth and thickness.....	.38 ✓	
Second Deck. Stringer Plate, breadth and thickness in Wells	59 x .44 ✓		Plating, Sheathing, material and thickness...	.36 ✓	

SHELL PLATING.

SCANTLINGS.					WELDING RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.	Inches.	Inches.			
Flat Plate Keel.....	55	.90	.80	.80		<u>KEEL EDGES</u>		<u>KEEL BUTTS</u>				
„ Dblg. (if any) ABC.		.71	.78	.52								
Bottom Plating, No. of Strakes ABCD, ... } 0		.71	.	.								
Bilge Plating, No. of Strakes E		.71	.63	.52								
Side Plating, No. of Strakes FGH,68	.63	.50								
Upper Deck, Sheer-strake in Wells.....	82 3/4	.80	.50	.50								
Upper Deck, Sheer-strake in Bridge ...		✓										
Strake below Sheer-strake in Wells.....	84	.72	.50	.50								
Strake below Sheer-strake in Bridge ...		✓										
Poop Side Plating.....		✓	✓	.42								
Bridge Side Plating.....		✓	✓									
Forecastle Side Plating		✓	.44									

WATERTIGHT BULKHEADS.

For record in the Reg. Bk: 8BH (Coll to Wdk. 7/6 and dk) 7 divisional W.T. BHs on
Total No. of W.T. BULKHEADS in Vessel—
Extending to Upper Deck (Sec. 3 c) 8 16 W.Bk. 7/6 2nd dk
,, 3rd Deck ~~next below~~ 2
As per Rule 7

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar				
STEM	<i>Rolled</i>	<i>11 x 2 3/4</i>	<i>✓</i>	
STERN FRAME {	<i>Part Cast</i>	<i>16 1/2 x 17 1/2</i>	<i>✓</i>	<i>Walzing Sam</i>
Propeller Post	<i>Fast Forging</i>			
Rudder				
Speed of Vessel		<i>15 knots.</i>	<i>✓</i>	
RUDDER—Type				
" A x D				
" Diam. of head		<i>13 3/4</i>	<i>✓</i>	
" Mainpiece at top pintle		<i>13 3/4</i>	<i>✓</i>	
" " heel		<i>13 1/2</i>	<i>✓</i>	
" how constructed		<i>Fabricated as per plan</i>	<i>✓</i>	
" double single plate		<i>.75</i>	<i>✓</i>	
" coupling, vertical or		<i>Horizontal</i>		
" horizontal				

STIFFENERS.

		Plating Thickness.	VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
	N ^o 124 ✓		6x3x.42 L ✓	32" ✓		
MIDSHIP	BULKH'D, Upper 'tween decks	.26 ✓	6x3x.38 L ✓	30" ✓		
"	Second	.27 ✓	6x3x.30 L ✓	30" 32" ✓		
"	Third	" ✓	" ✓			
"	Holds	.41x.31 ✓	10x3½x.50 L ✓	30" 32" ✓		
COLLISION	(in Hold) N ^o 169 ✓	.50-.30 ✓	8x3x.36 L ✓	22" ✓	3 S.B. BEAMS ✓	
AFTER PEAK	N ^o 9 ✓	.40-.30 ✓	6x3x.36 L ✓	24" ✓		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open Hearth.*
Consett, Dorman Long, South Durham, Skinningrove, Cargo Fleet, Appleby, Trading Co.

Has the Steel been tested as required by the Rules? YES. ✓

EQUIPMENT No. 50608 ✓												LETTER e + ✓		ANCHORS.	
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested, and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.				
45283	1st Bower	85	3	21 ✓	✓			61	10	0	0 ✓	85½ ✓	Stockless	✓	L.P.H.S. 21.2.44 R.J.V. ✓
45289	2nd "	85	3	0 ✓	✓			61	10	0	0 ✓	85½ ✓	do.	✓	do. ✓
	3rd "														
	Collective weight											244½ ✓			
44768	Stream	31	1	0 ✓	✓			29	11	1	0 ✓	31¼ ✓	stockless do.	✓	L.P.H.S. 24.11.43 R.J.V. ✓

CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.			Length and size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and size supplied.		Breaking Test of Steel Wire.	Length and size per Table 53.		
	Fathoms.	Ins.	Tons.	qrs.	Cwts.	qrs.	lbs.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
3561	300	2½	12½	17½	822.0.0		989	300	2½	Taylor	S. Taylor & Sons	L.P.H.N. 24.12.43 J.A.R.	TOWLINE	130	5½	844	130	5½	
													HAWSERS & WARPS	40100	2¾	15.2	40100	2¾	
														2075	2¾	15.2			
Iron Stream Chain or Steel Wire	120	4¾			64.6			120	4¾										

Steering Gear, Type (Power or hand) Electric Hydraulic Hastic & Co. Alternative Means of Steering Additional Pump & Motor
Steering Chains (Size and Test) Telemotor Windlass Elect. Blake Chapman Boats 2-29' motorboats
Ceiling in Holds, thickness and material T. Top increased .08 under latches Cargo Battens, thickness, material and spacing cleats but no battens
Cargo Hatchways.—(Upper Deck) steel plates and angles Thickness of Hatches 3" CP
Size of Hatchways No. 1 (Fwd.) 20'3" x 16' No. 2 33'9" x 21' No. 3 52'3" x 21' No. 4 10'3" x 21' No. 5 35'9" x 21' No. 6 27'6" x 21'
Number of Shifting Beams } 3 5 8 1 5 4
and/or Fore and Afters }
Builder's Signature JOSEPH L. THOMPSON & SONS, LIMITED.
JOINT MANAGING DIRECTOR

GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel. YES
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo. YES The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).
Oil Fuel (F.P. above 150°F) carried in Nos 2, 3P, 35, H, B.R., D.B. tanks; Oil Fuel Bunker, Wing O.F. Bunker P.95, and deep tanks. Deep tanks also arranged for cargo oil.
This ship has been built in conformity with the Society's Rules & Regulations, and the Secretary's letter.
The scantlings and arrangements are in accordance with, or equivalent to, those shown on the approved plans. The materials and workmanship are good. The freeboard marks have been verified and cut in on the vessel's sides. The double bottom, fore & after peak, deep, tanks, O.F. bunkers, settling tanks, F.W. tank have been tested in accordance with the Rules.
The decks, bulkheads, tunnel, have been tested and found satisfactory. The steering gear and windlass have been satisfactorily tested. The equipment of anchor and cable has been reduced as per Secretary's letter of 22.2.40 & 21.9.40. Hatch covers have been fitted to upper, 2nd, & 3rd deck latches.
The following certificates are enclosed:— Stern Frame, Rudder Head & Frame, Tiller.

The amount of Entry Fee..... £ 11: .. Fees applied for, (Special notations, where part of class, to be stated.)
Special Survey Fee..... £447. 12: 6
Specification 111 18 Received by me, I am of opinion the Vessel should be Classed +100A1
Travelling Expenses, if any £ 20: .. 24 Nov 1944 with freeboard
State whether the Vessel has been built under Special Survey YES Signature M. B. Muller & G. Young
Surveyors to Lloyd's Register of Shipping.

Certificate to be sent to SUNDERLAND Date of issue 22/2/45
Committee's Minute Charltonpool FRI. 5 JAN 1945
Character assigned +100A1 With freeboard
Carrying cargo oil F.P. above 150°F in midship deep tank
Fitted for oil fuel 11,44 F.P. above 150°F
Noyd's A+CP + LMC 11,44 F.D. CL
2 W.T.B. 490lbs (Spt 475lbs)
D.B. 105 lbs
White mix
Hpl
Mix
Etc.
For L.A.L.
011628-011635-026532

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.)

Plans of the vessel as built are being prepared & will be forwarded in due course. - now enclosed

SISTER VESSEL. SS. Empire Paragon Sld. Rpt. No. 33999.

The vessel was completed by Messrs Smith Dock Co. Ltd, North Shields

Vessel placed in dry dock, bottom & rudder cleaned, examined & coated.

The hinged W.T. Door in Upper Tween Deck Buoys on frames 66 & 80 have been satisfactorily hoisted.

PARTICULARS OF ELECTRIC WELDING (if employed) Butts & edges of keel, bottom, & side shell plating welded, butts of centre girder welded, tank margin angle in deep tank welded, T.S. gussets welded to T. Top & part welded to T.S. brackets, upper, 2nd, 3rd deck plating welded to shell, deep and air tank bulkheads all welded, upper deck edges and butts inside midship deck house welded, 2nd & 3rd deck hatch coamings welded to deck, small hatch & ventilator coamings welded to deck.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book.

Keel & Shell Butts & Edges welded.

D.F. ; E.S.D. ; G.Y. C.

Cargo bilge in midship Deep Tank. 8 B.H. (Coll. to W. Dk. 7 to 2nd Dk.) 7 Dis. W.T.B's in U.T.Dk.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	including pins			AEG.	5391	30.11.43.
	1st Bower	55	1 7			
	2nd "	56	1 14			
	3rd "					

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 33.96 ft., R.Q.D. ft., Bridge ft., Forecastle 40.33 ft.

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

Official No. 180145 Signal Letters. Extreme Breadth over Belting (Circ. 1611) Over-all Length 500' 3" (Circ. 1703)

No. and Material of Decks 2 Steel Decks & Part 3rd Deck.

Parts of Bottom of Vessel coated with cement or approved composition.

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,	107.25	138	Fore peak tank,	25.42	125
Double bottom, under Engines and Boilers,			After peak tank,	16.0	175
Double bottom, if under Engines only,			Deep tank, aft, \emptyset	30.25	657
Double bottom, if under Boilers only,			Deep tank, forward, (4-146-169)	51.75	210
Double bottom, forward,	183	820	Other tanks, if fitted, 4 ft. (4-15-33)	49.5	211
Total length (if continuous) and Capacity		958	(If necessary furnish further information by sketch.)		

Order for Special Survey No. 6978

Date. 16.12.43

Dates of Surveys held while building

1943. June 8, 9, July 5, 6, Aug 7, 23, Sep 8, 13, 15, 16, 20, 22, 23, 24, 26, Oct 6, 8, 11, 12, 13, 14, 15, 20, 21, 22, 28, 29, Nov 1, 5, 8, 10, 12, 18, 22, 26, 29, Dec 1, 3, 6, 8, 9, 14, 16, 20, 22, 24, 29, Jan 3, 6, 7, 10, 11, 17, 24, 25, 27, Feb 1, 3, 4, 7, 9, 11, 14, 15, 16, 17, 21, 22, 23, 24, 26, 28, 29, Mar 1, 1, 3, 6, 7, 8, 10, 13, 14, 15, 17, 20, 21, 22, 27, 28, 29, 31, Apr 4, 6, 11, 12, 17, 18, 19, 20, 21, 24, 26, 28, May 1, 2, 3, 4, 6, 9, 10, 12, 22, 23, 25, 30, June 1, 2, 3, 4, 5, 8, 9, 14, 15, 22, 27, Sep 7, 14, 19, 27, Oct 6, 9, 10, 11, 12, Nov 1, 2, 19, 23, 24, 25, 26, 27, 30, 31, Dec 2, 3, 4, 7, 8, 9, 10, 13, 15, 16

Total No. of Visits 159