

STEEL STEAMER OR MOTORSHIP.

Received at London Office

18 OCT 1943

State if Report has been sent on the Freeboard of the Vessel Yes

State if Report is sent on the Machinery of the Vessel Yes

of report 16 October 1943 Port of Sunderland

No. 33807

Sunderland

Date First Survey 8 September 42 Last Survey 8 October 43

Machinery fitted Aft and

TMV CHINESE PRINCE

Live Steam

Type (Full Scantling, Complete Superstructure with or without Tonnage Openings)

Intermediate between FS & CSS

State Type of Erections Poop, etc.

TONNAGE under Tonnage Deck ... 8388.03

CLASS +100 A.I.

State if with freeboard as condition of Class

No. 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) 460'-0"

Breadth (greatest moulded) B 63'-2"

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 41'-9"

1st Longitudinal Number (L x D) 17825

2nd Numeral L x (B + D) 46879

Framing Depth "d," at middle of length. See Sec. 3 (1d) 11'-02"

Proportions—Depth to Length—Uppermost continuous deck to top of keel

Do. Long Bridge to top of keel 28'-2 1/4"

Draught Moulded

Built at Sunderland

Launched 23rd March 1943 Yard No. 625

Builders Messrs J. L. Thompson & Sons Ltd.

Owners Prince Line Ltd.

Managers (Where necessary to be entered in Reg. Book)

Residence

Port of Registry London

If surveyed while building, afloat, or 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.
FRAMES, Spacing amidships.....	33 ✓		Bracket Floors, Frame	✓	
" " from 1/2 length amidships to Collision bulkhead.....	27 ✓		" " Reversed Frame.....	✓	
" " in peaks	A.P. 24 ✓ F.P. 21 ✓		" " Vertical Struts	✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	46x56 ✓	
Frame Amidships, Angle, [or]	10x32x32x50 ✓		" " top Angles	32x32x50 ✓	
" " Extends up to.....	UPPER DECK.		" " bottom Angles.....	5x5x3/8 ✓	
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness..	One 8x32x42 ✓	continuous top & bottom
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	44x56 ✓	
Depth of Framing Girder.....	10		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem Panting Area	6x4x7/16T ✓	
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	✓		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	6x6x7/16T ✓	
" " Second 'tween Decks, Angle, [or]	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	15x44x12 ✓	
" " Third	✓		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	19x44x12 ✓	
" " from 1/2 len. for'd. to 15% len. from Stem	see plan & as above		Tank Side Brackets, height above base line at toe of Frame and thickness	56x47 ✓	
" " in Peaks, Angle or [.....	9x32x38 ✓		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 5/4 ✓		Breadth and thickness of Middle Line Strake...	68x56 ✓	
State if Frame Joggled.....	YES ✓		Thickness of remainder in Holds	48 ✓	+0.08 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 Wells, Angle, [or]	8x32x32x32 ✓	
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]	10x32x32x56 ✓	
" " Through Plate or Inter-costal Plate	✓		Spacing	every ✓	
" " Foundation Plate on Floors	✓		Third Deck, amidships, Angle, [or]	10x32x32x56 ✓	
" " Flat Plate Keel Angles	✓		Spacing	every ✓	
Side Keelsons, No. each side.....	✓		Fourth Deck, amidships, Angle, [or]	✓	
" " thickness of Inter-costal Plate.....	✓		Spacing	✓	
" " Angles	✓		Poop Deck, Angle, [or]	7x3x34 ✓	
DOUBLE BOTTOM.			Spacing	every ✓	
Solid Floors, thickness and spacing	41 every ✓		Bridge Deck, Angle, [or]	✓	
" " Are Frame and Reversed Frame joggled?	YES ✓		Spacing	✓	
Bracket Floors, breadth and thickness at middle line	✓		Forecastle Deck, Angle, [or]	8x3x34 ✓	
" " breadth and thickness at margin plate.....	✓		Spacing	every ✓	

WRECK SECTION

PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	IN
PILLARS, No. of Rows	One each side ✓		
" in 'tween Decks, Size and Spacing	8 $\frac{1}{4}$ x .40 ✓		
" " " " " "	17 x .60 ✓		
" in Holds " " " "	26 x .70 ✓		
Centre Line Bulkhead. Stiffeners and Spacing	✓		
Plating, thickness of	✓		
STRINGERS AND DECKS.			
Uppermost Continuous Deck.			
Stringer Plate, breadth and thickness in Wells	67 x .76 ✓ + 10% Corner		
" " " " in way of Bridg Casings	67 x .86 ✓ + 10% corner		
" Angle in Wells	6 x 6 x .72 ✓		
Thickness of Plating abreast Deck openings } in way of Wells .....	.70 ✓ + 10% corner		
Thickness of Plating abreast Deck openings } in way of Bridge Casings .....	.79 ✓ + 10% corner		
Thickness of Plating within line of openings...	.42 ✓		
If Sheathed, material and thickness.....	✓		
Second Deck.			
Stringer Plate, breadth and thickness in Wells	51 x .46 ✓		
Stringer Plate, breadth and thickness in way of Bridg Casings			
Thickness of Plating abreast Deck openings } in way of Wells			
Thickness of Plating abreast Deck openings } in way of Bridge Casings			
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.

SCANTLINGS.					RIVETING.								
STRAKES:	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	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.....	56	.97 (a)	1.05 (b)	.86 (a)	(a) + 10% <i>brass</i> . (b) <i>in way of duct heel</i>	D	1					<i>welded</i>	
„ Dblg. (if any)													
Bottom Plating, No. of Strakes <i>A, B, C</i>.....		.70	.77	.52		D	7/8	3 1/3	4	7/8	3 1/2	L
Bilge Plating, No. of Strakes <i>D, E</i>.....		.70				D	7/8	3 1/3	4	7/8	3 1/2	L
Side Plating, No. of Strakes <i>F, G, H, J</i>.....		.67	.61	.49		D	7/8	3 1/3	3	7/8	3 1/8	L
Upper Deck, Sheer-strake in Wells.....	81	.85	.61	.49	+10% <i>brass</i>	D	1	3 3/4	4	1	4	L	
Upper Deck, Sheer-strake in Bridge ...													
Strake below Sheer-strake in Wells.....	83 1/2	.72	.61	.49	<i>see midship section on lower sheet</i>	D	7/8	3 1/3	4	7/8	3 1/2	L	
Strake below Sheer-strake in Bridge ...													
Poop Side Plating.....				.42		S	7/8	3	1	3/4	2 5/8	L	
Bridge Side Plating.....													
Forecastle Side Plating			.44			S	7/8	3		<i>welded</i>			

Shell Butts joint for 1/4" welded.

WATERTIGHT BULKHEADS.

014. W.T. BHs: 11, 38, 66
 87, 106, 141
WATERTIGHT BULKHEADS.
 For record: 8 BH (Call to Wdk. 7 to 2nd dk) 6 dimensional W.T. BH
 in upper three decks
 Total No. of W.T. BULKHEADS in Vessel—
 Extending to Upper Deck (Sec. 3 c) 7
 " Deck next below 2
 As per Rule 7 ✓

FORGINGS AND CASTINGS.

FORGINGS AND CASTINGS.			
	Casting or Forging.	Scantlings.	Maker's Name.
		Any Departure from Approved Plans to be Noted.	
KEEL, Bar			
STEM		$13 \times 2 \frac{3}{4}$	✓
STERN FRAME {	Propeller Post	15	✓
	Rudder	Cast 15 x 14	looksingham
Speed of Vessel		13 knots	
RUDDER—Type		semi-balanced	
"	A x D.....	610.5	✓
"	Diam. of head	12 $\frac{1}{2}$ "	+ $\frac{1}{2}$ " Gears
"	Mainpiece at top pintle	12 $\frac{1}{2}$ "	+ $\frac{1}{2}$ " Gears
"	" heel	9"	12" + 2"
"	how constructed	fabricated as per plan	✓
"	double or single plate	66	
"	coupling, vertical or	Vertical	✓
"	horizontal		

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantling.	Spacing.
	<i>& see plan</i>					
MIDSHIP BULKH'D,	Upper 'tween decks	N ^o 141	26	6x3½x 7/16 L	30	
"	"	Second	28	5x3x 3/8 OA.	30	
"	"	Hold	40	32x10x3½x 40 L	30	
"	"	Holds		inverted		
COLLISION	(in Hold)	N ^o 168	34	30 8x3½x 50 OA.	24	Deck + S.B. beam
AFTER PEAK		N ^o 11	50	26 6x3½x 34 OA.	25	do.

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *open hearth*

Consett, South Durham, Cargo Fleet, Dorman Long.

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

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 vessel whilst fitting out afloat received damage by enemy air attack. This has been repaired as per Sunderland Report 8 N° 33807, which accompanies this report.

PARTICULARS OF ELECTRIC WELDING (if employed) Butts of keel & centre girder welded, butts of side shell plating forward welded, shell welded to stem bar, butts & seams of tank top plating in engine space and in way of deep tanks welded, floors in way of deep tanks welded to tank top, deep & peak tank bulkheads welded, 2nd & 3rd deck plating welded to shell, Tank side gussets welded to tank top, pillars welded top & bottom, after tunnel welded to shell.

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

Butts of keel & fore end shell welded.
D.F. ; E.S.D. ; G.Y.C.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	including pens		Tons	Feet	J.H.T.	5231	30.9.42
	1st Bower	2nd					
	55	2	0		J.H.T.	5231	30.9.42
	54	1	7		J.H.T.	5256	9.10.42
	3rd						

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 33.87 ft., R.Q.D. ft., Bridge ft., Forecastle 38.75 ft.

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

Official No. 169595 Signal Letters Extreme Breadth over Belting Over-all Length 490'-4"

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.
Double bottom, aft,	140.25	476	Fore peak tank,	25	91
Double bottom, under Engines and Boilers,			After peak tank,	22	240
Double bottom, if under Engines only, wing tanks	44.00	138	Deep tanks, 2	52.25	2416
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	193.25	739	Other tanks, if fitted,		
Total length (if continuous) and Capacity	377.5	1353	(If necessary furnish further information by sketch.)		

Order for Special Survey No. 6037

Date 11.6.42

Dates of Surveys held while building

1942. Sep. 8. 17. 22. Oct. 6. 7. 9. 13. 16. 19. 20. 22. 30. Nov. 2. 4. 6. 9. 11. 13. 16. 17. 18. 20. 24. 25. 27. Dec. 2. 3. 4. 7. 8. 11. 15. 17. 21. 23. 24. 28. 31. Jan. 4. 6. 11. 14. 18. 20. 25. 26. 27. 28. Feb. 1. 2. 3. 5. 9. 11. 15. 16. 25. Mar. 1. 5. 8. 9. 11. 12. 15. 16. 17. 18. 21. 22. 23. 29. Apr. 1. 5. 12. 15. 29. May 5. 10. 14. 20. 24. 28. June 7. 8. 10. 15. 17. 25. July 5. 8. 13. 14. 19. 20. 22. 24. 27. 28. 29. 30. Aug. 3. 6. 10. 17. 18. 19. 23. 27. 31. Sep. 1. 3. 7. 9. 14. 15. 22. 23. 24. 28. 29. Oct. 1. 4. 5. 6. 7. 8.

Total No. of Visits 129