

Rpt. 1.

RETAIN

## STEEL STEAMER or MOTORSHIP.

Received at London Office SEP 21 1938

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*.Date of completion of report *14<sup>th</sup> Sept. 1938*.Port of *Glasgow*No. *60190*Survey held at *Glasgow*.Date First Survey *7<sup>th</sup> January 1937*Last Survey *11<sup>th</sup> Sept.*

1938

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *TWIN SCREW TURBINE STEAMER.**CANTON.* (P)No. *2*State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *C.S.S. without tonnage opening.*State Type of Erections *Bridge & Pissle on Superstructure.*TONNAGE under Tonnage Deck... *9,325.24*CLASS *100A1 WITH FREE RD* State if with freeboard CORRESPONDING TO A SUMMER as condition of Class YES. MLD DRAFT *29' 11 1/2" MLD.* FEET.Built at *Linthouse, Glasgow.*Do. of space or spaces between Tonnage Dk. and Upper Dk. *2,786.43*Length from fore part of stem to after part of stern nos. on summer L.W.L. See Sec. 3 (1a) *L 530.33*Launched *14<sup>th</sup> April 1938* Yard No. *557*Total *12,111.67*Breadth (greatest moulded) *B 73.00*Builders *Alexander Stephen & Sons Ltd.*Gross Tonnage *15,784.03*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 46.00*Owners *Peninsular & Oriental Steam Navigation Co.*Register Tonnage *9,254.96*1st Longitudinal Number (L x D) *= 23281*Managers *(Where necessary to be entered in Reg. Book.)*

## REGISTERED DIMENSIONS. FEET.

Length *541.65*Framing Depth "d," at middle of length. See Sec. 3 (1d) *E.R.M. = 14.56 N° 3 Hold = 6.50 W° 128 = 18.27 PANTING = 19.14*Residence *122 Leadenhall St. London E.C.3.*Breadth *73.35*Proportions—Depth to Length—Uppermost continuous deck to top of keel *11.53*Port of Registry *London*Depth *E° DK = 32.90 D° DK = 41.90*Do. Long Bridge to top of keel *9.77*

If surveyed while building, afloat, or in dry dock

Draught Moulded *29' 4"*

While building, afloat and in dry dock.

## 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 BA (NBS)	8	3 1/2	40	✓
" " from 1/2 length amidships to Collision bulkhead	24			✓	" " Reversed Frame BA (NBS)	8	3 1/2	35	✓
" " in peaks	24			✓	" " { Vertical Struts BA (NBS) C 4x4x4	8	3 1/2	35	✓
SIDE FRAMING.					Centre Girder, depth and thickness amidships	52		59	✓
Frame Amidships, Angle, E or F (NBS)	12	3 1/2	45	✓	" " top Angles double	3 1/2	3 1/2	57	✓
" " Extends up to "G" DK					" " bottom Angles double	5	5	61	✓
Reversed Frame Amidships, Angle					Side Girders, No. each side and thickness	Two		43	✓
" " Extends up to					Margin Plate depth (excl. of flange) and thickness	9" Knuckle		63	✓
Depth of Framing Girder	12			✓	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem				Tank Side bkts welded to margin plate. ✓
Frames in Uppermost Continuous 'tween Decks, Angle, E or F (NBS)	9	3 1/2	46	✓	" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area				
" " Second 'tween Decks, Angle, E or F				✓	" " Gussets, spacing and scantling abaft 1/2 len. from stem				none ✓
" " Third " " " "				✓	" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area				none ✓
" " from 1/2 len. for'd. to 15% len. from Stem				✓	Tank Side Brackets, height above base line at toe of Frame and thickness	8' 0"		48	✓
AT 27" SPACING 12x32x42 BA (NBS) TO G° DK WITH A 9x32x46 BA (NBS) SCARPHED TO MAIN FR. AT G° DK. EXTENDING TO C° & D° DKs.				✓	INNER BOTTOM PLATING.				
" " in Peaks, Angle or F (NBS)	9	3 1/2	51	✓	Breadth and thickness of Middle Line Strake	61		61	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	1" dia 6" apart			✓	Thickness of remainder in Holds			52	✓
State if Frame Joggled	yes			✓	Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Boiler Room?			yes	✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	yes			✓	BEAMS.				
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	yes			✓	"D" Uppermost Continuous Deck, amidships in Wells, Angle, E or F (NBS)	8	3 1/2	44	and as app. ✓
SINGLE BOTTOM.					" " " in way of Bridge, Angle, E or F (NBS)	9	3 1/2	50	" " ✓
Floors, Depth and thickness at mid-line in Holds				✓	Spacing			33	✓
Height of Brackets at side above base line at toe of frame				✓	"E" Second Deck, amidships, Angle, E or F (NBS)	9	3 1/2	44	and as app. ✓
Middle Line Keelson, on Floors, Angles, E or F				✓	Spacing			33	✓
" " Through Plate or Intercoastal Plate				✓	"F" Third Deck, amidships, Angle, E or F (NBS)	9x3x3x	36	44	and as app. ✓
" " Foundation Plate on Floors				✓	Spacing			33	✓
" " Flat Plate Keel Angles				✓	"G" Fourth Deck, amidships, Angle, E or F (NBS)	9x3x3x	36	44	and as app. ✓
Side Keelsons, No. each side				✓	Spacing			33	✓
" " thickness of Intercoastal Plate				✓	"H" PART "H" DK FORM. FRs 126-145. Poop Deck, Angle, E or F (NBS)	6x3x3x	45	42	CLEAR OF F.W. TANKS ✓
" " Angles				✓	IN WAY OF F.W. TANKS BA (NBS)	9x3 1/2x	65	52	✓
DOUBLE BOTTOM.					Spacing			33	✓
Solid Floors, thickness and spacing	47	8' 3"		✓	"C" Bridge Deck, Angle, E or F (NBS)	9	3 1/2	43	✓
" " Are Frame and Reversed Frame joggled?	yes			✓	Spacing			33	✓
Bracket Floors, breadth and thickness at flanges 3" on face middle line	3' 1/2"		47	✓	"C" Forecastle Deck, Angle, E or F (NBS)	9	3 1/2	48-58	✓
" " breadth and thickness at margin plate	4' 6"		47	✓	Spacing	27' -	24"		✓



## PILLARS AND DECKS.

PILLARS, No. of Rows.....	INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.	Stringer Plate, breadth and thickness in way of Bridge	INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.
in 'tween Decks, Size and Spacing.....	as per			Thickness of Plating abreast Deck openings in way of Wells	50	43	Approved 58"
" " " " " "	Approved			Thickness of Plating abreast Deck openings in way of Bridge	39		
in Holds " " " "	Plans.		✓	Thickness of Plating within line of openings	34	38	
Centre Line Bulkhead.				If Sheathed, material and thickness			
Stiffeners and Spacing.....	✓			F Third Deck.			
Plating, thickness of	✓			Stringer Plate, breadth and thickness.....	74	40	✓
STRINGERS AND DECKS.				If Plated, state thickness.....	40	30	✓
D Uppermost Continuous Deck.				G Fourth Deck. FORM <sup>D</sup> FR. 126-192			
Stringer Plate, breadth and thickness in Wells	72	89		Stringer Plate, breadth and thickness.....	40	30	34 approved.
" " " " in way of Bridge	56	50		If Plated, state thickness	40	30	30 approved.
" " " " Angle in Wells	6	6	89	H PART Deck. FORM <sup>D</sup> FR. 126-145			
Thickness of Plating abreast Deck openings in way of Wells	68	61		Stringer Plate, breadth and thickness	42		✓
Thickness of Plating abreast Deck openings in way of Bridge	46			Plating, Sheathing, material and thickness	42	30	✓
Thickness of Plating within line of openings	38	48		C Bridge Deck.			
PART Sheathed, material and thickness	5x24 TEAK.			Stringer Plate, breadth and thickness.....	60	49	✓
E Second Deck.				Plating, Sheathing, material and thickness	48		
Stringer Plate, breadth and thickness in Wells	PARALLEL TO DK PLATING	48		C Forecastle Deck.			
				Stringer Plate, breadth and thickness.....	40		✓
				Plating, Sheathing, material and thickness	38	50	✓

## SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	No.		No. of ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.			SINGLE OR DOUBLE.	RIVETS.		Diam.	Spacing cr. to cr.		
	Inches.	Inches.	Inches.	Inches.			Inches.	Diam.		Spacing cr. to cr.	Inches.		Inches.
FLAT PLATE KEEL .....	60	.95 ✓	.86 ✓	.85 ✓		DOUBLE	1	3 2/3 ✓	QUADRUPLE	1	3 1/2 ✓	OVERLAPPED.	
„ DBLG. (if any)													
BOTTOM PLATING, No. of Strakes ....5.....)		.73 ✓	.57 ✓	.58 ✓ B70E -61. ✓		DOUBLE	1	3 2/3 ✓	QUADRUPLE	1	4 ✓	OVERLAPPED	
BILGE PLATING, No. of Strakes .....2.....)		.73 ✓	.57 ✓	.61 ✓		"	1	" ✓	"	1	4 ✓	"	
SIDE PLATING, No. of Strakes .....6.....)		.71 ✓	.53 ✓	.51 ✓		"	7/8	3 3/10 ✓	"	7/8	3 1/2 ✓	"	
{ D- UPPER DECK, Sheer-strake in Wells.....)	76 1/2	(F) .94 ✓	(A) .89 ✓	.53 ✓	75 app? ✓	"	1	3 2/3 ✓	"	1	4 ✓	"	
{ D- UPPER DECK, Sheer-strake in Bridge ...)	76 1/2	.71 ✓	-	-		"	7/8	3 3/10 ✓	"	7/8	3 1/2 ✓	"	
{ D- STRAKE BELOW Sheer-strake in Wells.....)	61 1/2	F .81 ✓	A .77 ✓	.53 ✓		"	1	3 2/3 ✓	"	1	4 ✓	"	
{ D- STRAKE BELOW Sheer-strake in Bridge ...)	61 1/2	.71 ✓	-	-		"	7/8	3 3/10 ✓	"	7/8	3 1/2 ✓	"	
POOP SIDE PLATING.....													
BRIDGE SIDE PLATING ...	101 1/2	.70 ✓	-	-		DOUBLE	7/8	3 3/10 ✓	QUADRUPLE	7/8	3 1/2 ✓	OVERLAPPED.	
FORECASTLE SIDE PLATING	-	-	.46 ✓	-		SINGLE	3/4	3 ✓	SINGLE	3/4	2 5/8 ✓	"	

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel	NINE
Extending to Upper Deck (Sec. 3 c)	ONE
" Deck next below	EIGHT.
As per Rule	EIGHT.

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, FLAT PLATE KEEL	✓			
STEM	LOWER PORTION	11' x 3"	BY THE SPRINGFIELD STL CO. LTD.	
	MIDDLE	CASTING		
	UPPER	STL PLATES & ANGLES.		
STERN FRAME	Propeller Post	CASTING, AS PER APPROVED PLAN OF STERNFRAME.	BY MESSRS SKODA WORKS OF PILSEN.	
	Rudder	PLAN OF STERNFRAME.	CZECHOSLOVAKIA.	
Speed of Vessel	19 KNOTS.			
RUDDER-Type	BALANCED.	RUDDER,	ELECTRICALLY WELDED.	
" A x D	752			
" Diam. of head	15 1/2	FORGING	MESSRS WALTER SOMERS LTD. OF HALESOWEN.	
" Mainpiece	CASTING AS PER APPROVED PLAN OF RUDDER	BY MESSRS RUHRSTAHL A.G. STAHLWERK KRIEGER OF DUSSELDORF.		
" how constructed	STL PLATES & ANGLES			
" double	single plates	60 DOUBLE PLATES		
" coupling	vertical or horizontal	COUPLING HORIZONTAL.		
" RUDDER ASSEMBLED	BY MESSRS. A. STEPHEN & SONS LTD.			

## STIFFENERS.

	Plating Thickness.	VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD	EXAMPLE NO 145	26	28	5 x 3	350A 2' 9"
" " " "	Upper tween decks	✓	✓	✓	✓
" " " "	F to E	30	39	5 x 3	460A 2' 10"
" " " "	Second	✓	✓	✓	✓
" " " "	G to F	✓	✓	✓	✓
" " " "	Third	✓	✓	✓	✓
" " " "	Holds	44	37	(NBS) 2' 10"	and as per plan
" " " "	EXAMPLE NO 145	56	39	5 x 3	460A 2' 10"
" " " "	(in Hold)	✓	✓	✓	✓
COLLISION	NO 192	56	39	5 x 3	460A 2' 10"
AFTER PEAK	NO 13	47	30	5 x 3	460A 2' 10"

## STEEL.

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

The Steel Coy of Scotland Ltd. The Lanarkshire Steel Co Ltd. Colvilles Ltd. Corbett Iron Co Ltd. Smith & Trenchard Ltd. Dorman Long & Co Ltd. Skinningrove Iron Co. The Chesterfield Tube Co Ltd. Talbot Steel Tube Co Ltd.

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



Plus 170 for deckhouse entrance. 71285.

leave out (TAYCO cable)

EQUIPMENT No 68219 ✓										LETTER Kf		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.	Cwts.				
96667	1st Bower ...	116	2	0	Stockless	73	12	2	0	✓	113 1/2	✓	Deadweight Type	S. Taylor & Sons	LPH-N. 30.10.37 J.A. Relf.	
96666	2nd „ ...	114	1	14	✓	72	17	2	0	✓	113 1/2	✓	„	(Brinsley Hill) Co	„ „ „	
96668	3rd „ ...	99	0	0	✓	66	14	2	0	✓	97	✓	„	„	„ „ „	
	Collective weight.	329	3	14	✓						324	✓	Auto.	✓		
96669	Stream .....	42	1	21	Stockless	37	10	0	0	✓	34	✓	Auto.	Deadweight Type	S. Taylor & Sons	LPH-N. 30.10.37 J.A. Relf.

#### 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.	
	Length.	Diam.	Statu-tory.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Ins.	Tons.	Length.	Ins.
88814	330	2 1/16	163 3/8	228 1/2	1128-0-8	-	330	2 1/16	Stockless	S. Taylor & Sons (Brinsley Hill) Ltd	LPH-N. 30.10.37 J.A. Relf.	TOWLINE...	140	7	130 1/10	140	7
												HAWSERS & WARPS	2C100	4 1/2	43 3/10	3	2 3/4
													4C100	3 1/2	25 1/10	120	2 3/4
Iron Stream	150	6	99 1/2	6 1/4	G.S.W.	✓	150	6	G.S.W. British Rope				2C120	2 3/4	15 1/10	2C120	2 3/4

Steering Gear, Type (Power or hand) By Brown Bros. Electric Hydraulic Alternative Means of Steering *none.*

Steering Chains (Size and Test) *none* Windlass Electric by Clarke Chapman & Co. 10 Steel. by Mechanics.

Ceiling in Holds, thickness and material *2 1/2" W.P. over bilges* Cargo Battens, thickness, material and spacing *6' x 2" 6' space.* ✓

Cargo Hatchways.—(Upper Deck) *Steel beamings* Thickness of Hatches *Steel w.t. hinged covers.*

Size of Hatchways No. 1 (Fwd.) *13'6" x 14'0"* No. 2 *28'6" x 14'0"* No. 3 *19'3" x 14'0"* No. 4 *19'3" x 14'0"* No. 5 *18'1" x 14'0"* No. 6 *17'9" x 14'0"*

Number of Shifting Beams and/or Fore and Afters *none.*

Builder's Signature

FOR  
ALEXANDER STEPHEN & SONS, LIMITED

*John Quenneville*  
General Secretary

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 *no* 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).

*The materials and workmanship are good. ✓ The vessel has been built in accordance with the approved plans, the Secretary's letters of various dates, and in conformity with the Rules for the Class contemplated. ✓*

*The vessel is constructed to carry oil fuel in Nos 4, 5 & 8, double bottom tanks, in deep oil fuel tanks (P.R.S.) and at fore end of boiler room, also in side tank (P.R.S.) at fore end of tunnels, flash point of oil fuel above 150° F. ✓*

*The double bottom Tanks, oil fuel and settling tanks, Fresh water tanks, Cofferdams, Decks, bulkheads, tunnels, bilge sections, watertight doors, and hand pump, have been tested in accordance with the Rules, and the requirements of Sec. 20 of the Rules have been complied with where applicable. ✓*

*Steering gear and Windlass tried out under working conditions and found satisfactory. ✓*

*Freeboard assigned by B.O.T. and the markings cut in on vessel's sides as follows: viz. 16'8 1/2" for all seasons F.W. 7" (from top of 1/2" stringer plate at 'D' shelter Ok.)*

The amount of Entry Fee ..... £ 12 : 0 : 0 Fees applied for, *20/9/38.* (Special notations, where part of class, to be stated.)

Special Survey Fee.... £ 522 : 6 : 2 Received by me, *£25.15.6 Paid 21/3/38.*

Travelling Expenses, if any £ : : 19/4/38

Damage fee 5 : 5 : 0

State whether the Vessel has been built under Special Survey *yes.*

Certificate to be sent to *Glasgow* Date of issue *21/11/38.*

I am of opinion the Vessel should be Classed *100A1 WITH FREEBOARD*

Signature *J.S. Thomson & A.W. Paterson*  
Surveyor to Lloyd's Register of Shipping.

Committee's Minute **GLASGOW 20 SEP 1938**

Character assigned

*100A1*

*Lloyds A+C.P.*

*with freeboard*

*Lmc 9.38*

*Limit for oil fuel 9.38 F.P. above 150° F.*

*J.S.*

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Lloyd's Register  
Foundation

0148 2/3



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.)

Damage sustained on 14<sup>th</sup> April 1938 when vessel was being launched from Builders Yard.

Repairs effected— (All plates numbered from fore.)

Pore foot—Kul plate N<sup>o</sup> 2 & 3. in way of N<sup>o</sup> 1. D.B. tank removed, faired & refitted. 1. inner outer butt straps removed, faired & refitted. and one outside butt strap removed. Centre girder plate cropped at bottom for about 4'0" x 1'4". new plate inserted, and out all round, and electrically welded. Centre girder bottom bars cropped and part renewed (P.R.S) butts of both bars out and electrically welded. Lower ends of two bottom frames in way (P.R.S) faired in place.

In way of N<sup>o</sup> 9. D.B. tank. (P.R.S)

B<sup>o</sup> strake shell N<sup>o</sup> 17 (P.R.S) removed, faired, refitted.

1. bottom frame (P.R.S) removed, faired, refitted. floor plate in way faired in place, and reinforcing channels fitted (P.R.S) on each side of lightning hole 1. bottom frame (P) faired in place, 3 bottom frame shell flanges (P) and 5 on (S) side faired in place, and a few rivets in floor connections renewed. Riveting and caulking in vicinity of above damage overhauled and made good. N<sup>o</sup> 1 & 9. D.B. tanks were tested by water pressure to rule requirements, and found satisfactory. Cement and bitumastic disturbed or broken out to effect repairs renewed, and paint work made good.

Midship Section (as built) previously forwarded. See page I attached for list of Approved plans. Forgery & Casting Arts. 7 herewith.

PARTICULARS OF ELECTRIC WELDING (if employed) D.F. bunkers, F.S.A. peak bldg plate. F.W. Tanks fore in Repair machinery space. F.W. Tanks aft in tunnels. W.T. & O.T. floors. frame of floor connections to margin. Cut frame bldg in way of F.W. Tanks aft. Pillar sole heads. Heavy plates for gun pedestals. Portion of tank top fore & aft including floors and tank terminations in way. and a number of minor parts electrically welded. ✓

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book. Schooner rig, Twin screw, Cruised Stern, Passenger Certificate, R.M.C. Wireless, Direction finding, Echo sounding, Gyro Compass. Lloyd's A.C.P. ✓ Fitted for oil fuel 9.38. F.P. above 150° F. (Rudders electrically welded. Please out.

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

1st. Bower.  
2nd ..  
3rd ..

PARTICULARS FOR RECORD in the REGISTER BOOK. Length of Poop ft. R.Q.D. ft. Bridge 26.58 ft. Forecastle 91.42 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated ON SHELTER DECK. ON SHELTER DECK.

Official No. 166555. Signal Letters GDDT. Extreme Breadth over Belting (Circ. 181) Over-all Length (Circ. 1703) 563.25 ✓  
No. and Material of Decks 3 Dks (with dk tank S). 4<sup>th</sup> Dk. (in fore holds) 5<sup>th</sup> Dk. (in N<sup>o</sup> 3 hold)

Parts of Bottom of Vessel coated with cement or approved composition Fore peak and N<sup>o</sup> 1 & 11 D.B. Tanks (coating) Bitumastic S. & E. Aft peak and N<sup>o</sup> 2, 3, 9 & 10 D.B. Tanks. (Coating) Cement filler & cement washed. N<sup>o</sup> 4, 5 & 8. D.B. Tanks (coating) Oil resisting compound. N<sup>o</sup> 6 & 7 D.B. Tanks (coating) Tank apertures. Particulars of composition (if fitted) and of approval Oil resisting compound & Bitumastic by Walsby & Co. Tank apertures by Dampney & Co. Cement. Builders. pt asp.

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.	(S.W.) Water Capacity. Tons.	Where Fitted.	Length.	(S.W.) Water Capacity. Tons.
Double bottom, aft, including 2. Cofferdams. ✓	154.00	404	Fore peak tank,	26.33	68.5
Double bottom, under Engines and Boilers, " "	123.75	771	After peak tank,	27.75	148.0
Double bottom, if under Engines only,			Deep tanks (O.F.) in Boiler Room (P.S.)	52.25	570.0
Double bottom, if under Boilers only,			Deep tanks forward (END O. Rm. (Q.F. & SETTLING TANKS).	19.25	820.0
Double bottom, forward, including 1. Cofferdam. ✓	185.50	596	SIDE TANK AFT IN TUNNEL (P.S.) (O.F.)	57.75	621.0
Total length (if continuous) and Capacity	463.25	1771	Other tanks, if fitted, SIDE TANKS (F.W.) (P.S.) IN TUNNEL (F.W.) (P.S.) IN N <sup>o</sup> 3 HOLD.	52.25	307.0

Order for Special Survey No. 6346

Date 11. 1. 37

Dates of Surveys held while building

1937 Jan. 7-19 Feb. 15-24 Mar. 3 Apr. 17-27 May 8-11-17-20-26-28 June 4-16-17-22-24 July 1-13 Aug. 2-6-11-23 Sep. 3-9-17-20-23-28 Oct. 13-15-19-22-28 Nov. 2-8-11-15-16-18-22-29-30 Dec. 1-3-8-10-13-14-16-17-21-22-23-26-28-29 (1938) Jan. 7-13-17-18-21-23-27-31 Feb. 4-14-15-17-22-25-28 Mar. 1-3-8-10-11-16-17-22-25-29-30 Apr. 1-4-6-8-13-14-15-21-26 May 2-4-10-13-17-23-30 June 3-9-16-22-27-30 July 26-29 Aug. 1-10-11-17-22-25-26 Total No. of Visits 121  
(Aug. 29-30 Sep. 5-8-11)

Rpt. 9a.

Port of Glasgow.

Continuation of Report No. 60190 dated 11: 9: 38 on the

Tw. S.C.T.S. "CANTON"

List of approved plans	Approved plans continued.
1 Midship Section	45 Pillars & girders "C" to "H" Dks.
2 Profile & Decks (C.D)	46 Modification to pillar & girders in way of N <sup>o</sup> 4 hold.
3 Decks (E-H)	47 Web frames in engine room.
4 Pillars & girders Sheet I	48 Boss framing.
5 " " " " II	49 Thrust gear case & turbine seats
6 " " " " III	50 Plan of stern frame.
7 " " " " IV	51 Rudder plan.
8 Shaft tunnels & tanks aft	52 Cast steel propeller brackets.
9 F.W. Tanks fore.	53 Shell expansion in way of Beaks.
10 Oil fuel bunkers	54 Engineers flat (P.R.S)
11 Fore peak bulkhead.	55 Beam knees
12 Aft peak bulkhead.	56 Deckhouse ends between frame 101 & B.R. front.
13 Watertight bulkhead. N <sup>o</sup> 32.	57 "A" Dk. plating (boat Dk.)
14 " " " " N <sup>o</sup> 51	58 Painting arrangement.
15 " " " " N <sup>o</sup> 73	59 Siller crosshead.
16 " " " " N <sup>o</sup> 145	60 General arrangement of Brown Bros
17 " " " " N <sup>o</sup> 170	Electro-hydraulic steering gear.
18 Cargo hatches Sheet I	61 Modification to Engineers Flat.
19 " " " " II	
20 " " " " N <sup>o</sup> 1. 2 & 3	
21 Hinged flush hatch covers	
22 Steel hatch covers	
23 Method of securing N <sup>o</sup> 4 & 5 flush hatch covers.	
24 Wing brackets to margin plate.	
25 Sidelight arrangement	
26 Pumping Plan.	
27 Bulwark Curtain Plate.	
28 Shell doors.	
29 Tanks aft at level of inner bottom.	
30 Strong beam & pillar arched in way of O.F. Bunkers.	
31 Lubricating oil drain tank.	
32 Modification to brackets supporting engine casing.	
33 "E" Dk. in way of engine casing.	
34 New stores and oil filling doors. (amended plan)	
35 Engine Boilers Casing Sheet I	
36 " " " " Sheet II	
37 Swimming bath.	
38 Stern framing.	
39 Strengthening of bottom fore.	
40 W.T. Valve box for main circ? Inlets (P.R.S)	
41 Deck plan.	
42 Houses on "B" Dk.	
43 "B" Dk. (Promenade.)	
44 Midship deckhouse casing on "C" Dk.	