

1 or 2 Dks., R.Q.Dk.,  
and Pt. Awng. Dk.

# IRON OR STEEL STEAMER.

State if Report is also sent on the Machinery of the Vessel *Yes*  
Date of completion of Report *7th May 1904*  
Date, First Survey *20th August 1906*

No. *5586*  
Received at London *WED 8 MAY 1907*  
Port of *Newcastle*  
Last Survey *2nd May 1907*  
Rig *Schooner*

Survey held at *Newcastle*  
On the *Star* *Dech-Tao*

TONNAGE under  
Tonnage Deck *924.11*  
Do. of Poop  
Do. of Raised Qr.  
Dk. or Break *41.71*  
Do. of Bridge House *28.45*  
Do. of Forecastle *43.03*  
Do. of Houses on Deck *21.69*  
Do. of excess of Hatchways *15.11*  
Do. above Crown of  
Engine Room *1074.10*  
Gross Tonnage *58.57*  
Less Crew Space  
Less above Crown of  
Engine Room *1015.53*  
TONNAGE FOR FEES *1015.53*  
Less Engine Room *343.71*  
Less Navigation Spaces *19.47*

ONE OR TWO DECKED VESSEL.

CLASS A—"Coasting in the Black Sea"

Master

Year of appointment *(1) As master in service of owner of present vessel: 19*  
*(2) As master of this vessel: 19*

Built at *Newcastle*

When built *1907*

Launched *26th Mar 1907*

By whom built *Hawthorn Leslie & Co*

Owners *Russian S. Nav & Trading Co*

Managers

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

Residence *Odessa*

Port belonging to *Odessa*

Register Tonnage *652.35*  
as cut on Beam

Destined Voyage

If Surveyed while Building, Afloat, or in Dry Dock *Building*

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams	Feet.	Inches.	No. of Decks with Flat laid	No. of Tiers of Beams
	238	8		34	10		13	0		

Dimensions of Ship per Register, Length, *240.2* breadth, *35.05* depth, *12.8* Moulded Depth, *14* ft. *10* ins. Round of Beam, Actual *8 1/2* ins.

FRAMING.						FORGINGS AND CASTINGS.					
	Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.		Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
FRAME, Angles, <i>7</i> E or L Bars, for $\frac{1}{2}$ length amidships	3 1/2	3	7	3 1/2	3	KEEL, Bar or Side Plates depth and thickness	7 x 2	7 x 2	7 x 2	7 x 2	7 x 2
Do. for $\frac{1}{2}$ at each end	"	"	6	"	6	STEM, moulding and thickness	7 x 4 1/4	7 x 4 1/4	7 x 4 1/4	7 x 4 1/4	7 x 4 1/4
Do. in way of Double Bottoms at Solid Floors	3	3	6	3	6	STERN-POST for Rudder do. do.	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4
" " at intermdt. Bkts.	"	"	"	"	"	for Propeller	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4
Spacing of Frames from centre to centre	"	24	"	"	24	MAIN PIECE of Rudder, diameter at head	"	"	"	"	"
REVERSED FRAME, Angles	3	2 1/2	6	3	2 1/2	do. at heel	"	"	"	"	"
DEEP FRAMING, depth of girder	"	"	"	"	"	RUDDER, how constructed <i>Single plate</i>	"	"	"	"	"
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships	"	"	"	"	"	Can the Rudder be unshipped afloat? <i>Yes</i>	"	"	"	"	"
" in way of Engines and Boilers	"	"	"	"	"	KEELSONS AND STRINGERS.	"	"	"	"	"
" thickness at the ends of vessel	"	"	"	"	"	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	"	"	"	"	"
" depth at $\frac{1}{2}$ the half breadth, as per Rule	"	"	"	"	"	" Rider Plate	"	"	"	"	"
" height extended at the Bilges	"	"	"	"	"	" Bulb Plate to Intercoastal Keelson	"	"	"	"	"
FLOORS & BRACKETS, in Cell Dble Bottoms	30	5	30	5	5	" Horizontal Plates on Floors	"	"	"	"	"
" " state if flanged (top & bottom)	"	"	"	"	"	" Angles	"	"	"	"	"
" " Spacing	"	24	"	"	24	SIDE KEELSON, Angles	"	"	"	"	"
CENTRE GIRDER, in Double Bottom, depth and thickness	30	8	30	8	8	" Bulb or Plate above floors for lng.	"	"	"	"	"
" " Angles, Top	3	3	6	3	3	" Intercoastal Plate for length	"	"	"	"	"
" " Bottom	4	4	7	4	4	" Attached to outside plating with Angle	"	"	"	"	"
SIDE GIRDERS, number on each side & thickness	one	5	one	5	5	BILGE KEELSON, Angles	"	"	"	"	"
" " state if flanged (top & bottom)	"	"	"	"	"	" Bulb or Plate above floors for lng.	"	"	"	"	"
" " Angles	2 1/2	2 1/2	5	2 1/2	2 1/2	" Intercoastal Plate for length	"	"	"	"	"
MARGIN PLATE, depth (exclusive of flange) and thickness	24	7	24	7	7	" Attached to outside plating with Angle	"	"	"	"	"
" " Angles to Outside Plating	3	3	7	3	3	BILGE STRINGER Angles	"	"	"	"	"
" " Floors	3	3	6	3	3	" Bulb Plate for length	"	"	"	"	"
" " Height of Floors at the Bilges	"	38	"	"	38	" Intercoastal Plate for length	"	"	"	"	"
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	36	7	36	7	7	" Attached to outside plating with Angle	"	"	"	"	"
" " thickness in Engine and Boiler space	"	10	"	"	10	2 SIDE STRINGERS Angles	5 1/2	3 1/2	7	5 1/2	3 1/2
" " Remainder in Holds	"	7	"	"	7	" Bulb or Intercoastal Plate for full lng.	3	3	6	3	3
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	5 1/2	3	7	5 1/2	3	" Attached to outside plating with Angle	"	"	"	"	"
" " Angles on Upper Edge	"	"	"	"	"	Main and Raised Quarter Deck Stringer Plate, breadth and thickness	34 1/2	13	34 1/2	13	13
" " Spacing	"	24	"	"	24	" Angle on ditto	5 x 5 x 12	5 x 5 x 12	5 x 5 x 12	5 x 5 x 12	5 x 5 x 12
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	"	"	"	"	"	" Tie Plates, outside Hatchways	"	"	"	"	"
" " Angles on Upper Edge	"	"	"	"	"	" Diagonal Tie Plates on Bms., No. of Pairs	"	"	"	"	"
" " Spacing	"	"	"	"	"	" Main Dk* Iron or Steel for lng.	2 1/2	20	2 1/2	20	20
BEAMS, Hold, Plate or Tee Bulb	"	"	"	"	"	" R. Q. Dk* Iron or Steel for lng.	6/20	6/20	6/20	6/20	6/20
" " Angles on Upper Edge	"	"	"	"	"	" Wood Deck, Material & thickness	"	"	"	"	"
" " Spacing	"	"	"	"	"	Lower Deck Stringer Plate, breadth and thickness	"	"	"	"	"
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	"	"	"	"	"	" Angles on ditto, No.	"	"	"	"	"
" " Angles on Upper Edge	"	"	"	"	"	" Tie Plates, outside Hatchways	"	"	"	"	"
" " Spacing	"	"	"	"	"	" Deck* Material and thickness	"	"	"	"	"
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate or Tee Bulb	5	3	7	5	3	HOLD STRINGER PLATE	"	"	"	"	"
" " Angles on Upper Edge	"	"	"	"	"	" Angles on ditto, No.	"	"	"	"	"
" " Spacing	"	48	"	"	48	POOP DECK STRINGER PLATE, breadth & thickness	"	"	"	"	"
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	7 1/2	3	9	7 1/2	3	" Angle on ditto	"	"	"	"	"
" " Angles on Upper Edge	"	"	"	"	"	" Tie Plates	"	"	"	"	"
" " Spacing	"	48	"	"	48	" Deck, Material and thickness	24	7	24	7	7
PILLARS, In 'tween Decks, Size and Spacing	"	"	"	"	"	Bridge or Pt. Awng. Deck Stringer Plate, breadth and thickness	3 x 3 x 6	3 x 3 x 6	3 x 3 x 6	3 x 3 x 6	3 x 3 x 6
" " Hold	3"	48	3"	48	48	" Angle on ditto	8 x 7	8 x 7	8 x 7	8 x 7	8 x 7
" " Quarter, 'tween Dks.,	"	"	"	"	"	" Tie Plates	2 1/2 PP	2 1/2 PP	2 1/2 PP	2 1/2 PP	2 1/2 PP
" " in Hold	"	"	"	"	"	Forecastle Deck Stringer Plate, brdth & thcknss	21	6	21	6	6
WEB FRAMES, In Fore Body, No. and Spacing	"	"	"	"	"	" Angle on ditto	3 x 3 x 6	3 x 3 x 6	3 x 3 x 6	3 x 3 x 6	3 x 3 x 6
" " No. of Side Stringers	"	"	"	"	"	" Tie Plates	8 x 6	8 x 6	8 x 6	8 x 6	8 x 6
WEB FRAMES, In E. & B. Space, No. & Spacing	"	"	"	"	"	" Deck, Material and thickness	2 1/2 PP	2 1/2 PP	2 1/2 PP	2 1/2 PP	2 1/2 PP
" " Brdth. & Thickness	"	"	"	"	"	* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.	"	"	"	"	"
WEB FRAMES, In After Body, No. and Spacing	"	"	"	"	"	BULKHEADS.	"	"	"	"	"
" " Brdth. & Thickness	"	"	"	"	"	In Vessel.	"	"	"	"	"
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness	"	"	"	"	"	Per Rule.	"	"	"	"	"
	"	"	"	"	"	Thickness.	"	"	"	"	"



PLATING.										RIVETING.										
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				BUTTS.									
	AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		Single or Double.		RIVETS.		Double or Treble and for what Length.		RIVETS.		STRAPS.		IF LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth of Lap.	Diam.	Spacing cr. to cr.	Diam.	Spacing cr. to cr.	Breadth.	Thickness.	Breadth.	For what Length.			
	Inches.	1/2 or 20ths	1/2 or 20ths	1/2 or 20ths	Inches.	1/2 or 20ths	Inches.	1/2 or 20ths	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	1/2 or 20ths	Inches.	Feet.		
FLAT PLATE KEEL .....	34 1/2	12	9	9	34 1/2	12			Double	5 1/4	7/8	3 1/2	True	7/8	3 1/2	16 3/4	14			
(If Bar Keel, state Riveting)																				
GARBOARD OR A STRAKE ...	62	9	7	7	62	9				4 1/2	3/4	3	Quad	3/4	3			10" full		
State actual thickness in way of Double Bottom.																				
B " "																				
C " "		8	6	6		8														
D " "		9	6	6		9														
E " "		8	6	6		8														
F " "		9	6	6		9				5 1/4	7/8	3 1/2								
G " "	36	11	8	8	36	11							True	7/8	3 1/2	16 3/4	13			
H " "																				
J " "																				
K " "																				
L " "																				
M " "																				
N " "																				
O " "																				
P " "																				
DOUBLING of Flat Plate Keel																				
Length and thickness of Bilges .....	✓																			
Length and thickness of Sheerstrakes ..	9/10																			
Length and thickness of Strake below	✓																			
POOP SIDES .....	✓																			
RAISED QUARTER DECK SIDES	6/10																			
BRIDGE SIDES .....	5/10																			
FORECASTLE SIDES .....	5/10																			
LENGTHS OF PLATING .....	24																			

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, outside Plating, &c. ? Deming Martin

Corbett Iron Co.

Palmers S.S. Co.

South Durham.

Has the Steel been tested as required by the Rules Yes

Main Stringer Plate { Butts, treble riveted for  $\frac{1}{2}$  length amidship.

Straps, single, double or overlapped for full length amidship

Butts of Bilge & Side Stringers, and Tie Plates, treble or double riveted ? treble

Inner Bottom Plating, riveting of Edges Single Butts Single & Double

Centre Girder Butts, treble riveted. Keelson Butts, treble riveted.

Frames, riveted through Plates with  $\frac{3}{4}$  in. Rivets, about 5 1/2 apart.

Rivets, state whether of Iron or Steel Iron

FRAMES extend in one length from Tank side to gunnel state if ordinary or joggled ordinary

REVERSED FRAMES on floors and frames extend from Tank side to hold stringer & UDKalt. state if ordinary or joggled no

MASTS, SPARS, &c.													
	Material.	Total length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.			
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.		
LOWER MASTS....	Fore .....	<u>Steel</u>	<u>52</u>	<u>16 x 9/10</u>	<u>13 x 5/10</u>	<u>13 x 5/10</u>	<u>✓</u>	<u>2</u>	<u>✓</u>	<u>✓</u>	<u>Single</u>	<u>treble</u>	
	Main .....	<u>"</u>	<u>44</u>	<u>"</u>	<u>14 x 5/10</u>	<u>"</u>	<u>✓</u>	<u>"</u>	<u>✓</u>	<u>"</u>	<u>"</u>	<u>"</u>	
	Mizen .....	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>✓</u>	<u>"</u>	<u>✓</u>	<u>"</u>	<u>"</u>	<u>"</u>	
Bowsprit	<u>✓</u>												
Topmasts, Yards and Remainder of Spars	<u>Pine</u>												
Rigging, Material and Size, Shrouds	<u>3/4 steel wire</u>												
Stays	<u>4" steel wire</u>												
Sails.	<u>one</u>	Suit of <u>four &amp; aft</u>											
Sails and the following spare sails	<u>✓</u>												

Equipment No. 10128 Letter n

ANCHORS. Tonnage U.Dk. or Plating No. for Trawlers

Number of Certificate.	Anchors.	WEIGHT, EX STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 22.			Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.				lbs.
8718	1st Bower ..	22	3	0	-	-	-	22	16	2	0	25	2	0	Taylor's patent	St Taylor & Son	Sld 24/10/06 Relf
8719	2nd " ..	22	2	0	-	-	-	22	15	0	0	25	2	0	"	"	" 25/10/06 "
8717	3rd " ..	19	2	0	-	-	-	20	6	1	0	22	0	0	"	"	" 24/10/06 "
	Collective weight	64	3	0								73	0	0			
30605	Stream ....	6	2	5	1	2	16	8	15	0	0	6	2	0	Not stated	Common	Tptn 24/10/06 Perkins
30603	Kedge .....	3	1	0	0	3	10	5	14	1	14	3	2	0	"	"	"

CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length & Size per Table 22.		Description.	Makers of Cables.	Where and when tested and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire Towline.	Length and Size per Table 22.			
	Length.	Diam.	Statutory.	Breaking.	Supplied.	Per Table 22.	Length.	Diam.					Length.	Cir.		Length.	Cir.		
30996	105	17/16	3722	055 1/2	111.1	0	242	0.5	210	17/16	Stud	Not stated	Tptn 25/10/06 Perkins	TOWLINE	90	3	18	90	3 1/2
30997	105	17/16	"	"	111.1	10				"	"	"	"	HAWSERS & WARPS	90	6		90	6
	210													"	90	5		90	5
Iron Stream Chain or Steel Wire .....	60	3 1/2		26					75	3 1/2				"					

Boats two

Pumps, Number Donner Diameter of Barrel 5 State whether they are in efficient working order Yes

Windlass is Stean Capstan ✓

Engine Room Skylights.—How constructed ? Steel

What arrangements for deadlights in bad weather ? Steel flaps

Coal Bunker Openings.—How constructed ? Covering How are lids secured ? Cover & bottom Height above deck ? 12"

Number of Scuppers, and number and dimensions of Freeing Ports, &c. 5 scuppers & 6 freeing ports each side

Ceiling in Holds, thickness and material 2" Cargo Battens, thickness and material 1 1/2

Cargo Hatchways.—How formed ? Steel covering Hatches.—If strong and efficient ? Yes

State size No. 1 Hatch (Forward) 16 x 12 No. 2 Hatch 22 x 12 No. 3 Hatch 12 x 12 No. 4 Hatch 12 x 12

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch One web in No. 1 & 2 Beam in Nos 3 & 4

3 fore & afters in each hatch No. of Breasthooks 3 No. of Crutches 2 up & down

Bulwarks, height above deck and description 3'-6" 5/20 steel Main Rail and Stays, material and size 6" brail rope

The above is a correct description.

Builder's Signature (here only) John R. Baty Surveyor's Signature A. Campbell

Surveyor to Lloyd's Register of British and Foreign Shipping.



Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case)

23rd 26 Aug 1906 26th June 1906 16 Aug 1906 E 8 Sep 1906

Workmanship. Are the butts of plating planed or otherwise fitted? overlapped

Is the riveted work properly closed? yes

Are the liners between the frames and plates solid single pieces? yes

to plate, &c, conform well to each other? yes

from the faying surfaces? yes

Are the butts of Plating, Stringers, &c., properly shifted and strapped? yes

Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par 24)? yes

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? yes

General Remarks (State quality of workmanship, &c.)

This vessel has been constructed in accordance with the approved plans, the Secretary's letters of the above dates & otherwise in conformity with the Society's rules. The material & workmanship are good throughout.

She is a sister vessel to the S.S. "Berkness" Report No 52601.

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 29 ft., R.Q.D. or Break 29 ft., Bridge Dk. 42 ft., F'castle 42 ft. (in feet and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. is joined to the B.D., this should be distinctly stated

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) 1 St (ste)

Official No. ; Signal Letters

How are the surfaces preserved from oxidation? Inside Paint & Cement Outside Paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors cellular

Where fitted.	*Length. Feet.	Water Capacity. Tons.	Where fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	58	65	Fore peak tank,		57
Double bottom, under Engines and Boilers,	42	75	After peak tank,		21
Double bottom, if under Engines only,			Deep tank, aft		
Double bottom, if under Boilers only,			Deep tank, forward		
Double bottom, forward,	110	157	Other tanks, if fitted,		
Total capacity		297	(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules yes

Order for Special Survey No. 2162 Date 24.9.06 No. 416 in builder's yard. DATES of Surveys held while building: 1906 Aug 20, Sep 11, 14, 26, Oct 28, 1.11.26, 3.11.26, Nov 8, 13, 21, 26, 30, Dec 4, 1907 Jan 7, 10, 14, 18, 23, 29, Feb 5, 19, Mar 6, 11, Apr 28, 22, 30, May 3. Total No. of Visits 31

The amount of Entrance Fee £ 4 : : Fees applied for, - 7 MAY 1907 Received by me, 11.5.07 Certificate to be sent to Newcastle-on-Tyne. I am of opinion this Vessel should be Classed A—"Coasting in the Black Sea" with freeboard. Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute FRI. 10 MAY 1907 Character assigned A- (Ske) with freeboard 3.1 1/2 Coasting in the Black Sea + time 5.07

The Surveyors are requested not to write on or below the Committee's Minute.