

STEEL STEAMER or MOTORSHIP.

11 AUG 1932

Received at London Office

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

5th August 1932

Port of

West Hartlepool

No.

17183

Survey held at

West Hartlepool

Date First Survey

5-11-32

Last Survey

3-8-

1932

On the

(State if Machinery fitted Aft and
if Single, Twin or Triple Screw)*Steel Single Screw Steamer "KEPWICKHALL"**Machinery amidships*

State Type

(Full scantling, Complete Superstructure
with or without Tonnage Openings)*Complete Superstructure with Tonnage opening*

State Type of Erections

TONNAGE under
Tonnage Deck...*4382.86*CLASS *X100A1*State if with freeboard
as condition of Class*yes*

Built at

*West Hartlepool*Do. 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 408.00*Launched *18th June 1932* Yard No. *1052*

Total

Breadth (greatest moulded)

*B 54.54*Builders *Wm Gray & Co Ltd*

Gross Tonnage

*4830.62*Depth, at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1c)*D 36.08*Owners *West Hartlepool Steam Navigation Co Ltd*

Register Tonnage

*2810.11*1st Longitudinal Number $(L \times D) 408 \times 36.08 = 14517$

Managers

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

REGISTERED DIMENSIONS.
FEET.

Length

*410.7*Framing Depth "d," at middle of length. See
Sec. 3 (1d)*24.00*Residence *Lloyds Bank, West Hartlepool*

Breadth

*54.8*Proportions—Depth to Length—Uppermost con-
tinuous deck to top of keel*11.31*Port of Registry *West Hartlepool*

Depth

24.9

Draught Moulded

24.7

If surveyed while building, afloat, or in dry dock

While Building

FRAMES, DOUBLE BOTTOM AND BEAMS.

All sections N.B.S.

	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	<i>31"</i>	<input checked="" type="checkbox"/>		Bracket Floors, Frame	<i>6 x 3 1/2 x 41</i>	<input checked="" type="checkbox"/>	<i>+ 10% corner extra in E & B space</i>
" " from 3/4 length to Collision bulkhead	<i>27"</i>	<input checked="" type="checkbox"/>		" " Reversed Frame	<i>5 1/2 x 3 x 41</i>	<input checked="" type="checkbox"/>	
" " in peaks	<i>24"</i>	<input checked="" type="checkbox"/>		" " Vertical Struts	<i>6 x 3 1/2 x 53.05</i>	<input checked="" type="checkbox"/>	
SIDE FRAMING.				Centre Girder, depth and thickness amidships	<i>48 x 55 x 67</i>	<input checked="" type="checkbox"/>	
Frame Amidships, Angle, <i>[E]</i>	<i>12 x 3 1/2 x 5 1/2 x 48</i>	<input checked="" type="checkbox"/>	<i>N.B.S.</i>	" " top Angles	<i>3 1/2 x 3 1/2 x 49</i>	<input checked="" type="checkbox"/>	
" " Extends up to <i>2nd deck U.D. at hatch ends</i>				" " bottom Angles	<i>4 x 4 x 58</i>	<input checked="" type="checkbox"/>	
Reversed Frame Amidships, Angle	<i>✓</i>			Side Girders, No. each side and thickness	<i>one 41</i>	<input checked="" type="checkbox"/>	
" " Extends up to	<i>✓</i>			Margin Plate depth (excl. of flange) and thickness	<i>38 1/2 x 53</i>	<input checked="" type="checkbox"/>	
Depth of Framing Girder	<i>✓</i>			" " Vertical Angle to Tank side	<i>6 x 6 x 43</i>	<input checked="" type="checkbox"/>	
Frames in Uppermost Continuous 'tween Decks, Angle, <i>[E]</i> or <i>[C]</i>	<i>6 x 3 1/2 x 34</i>	<input checked="" type="checkbox"/>	<i>N.B.S.</i>	" " Bracket abaft 1/4 len. from stem	<i>6 1/2 x 3 1/2 x 43</i>	<input checked="" type="checkbox"/>	
" " Second 'tween Decks, Angle, <i>[C]</i> or <i>[E]</i>	<i>✓</i>			" " Bracket forward 1/4 len. from stem	<i>6 x 6 x 43</i>	<input checked="" type="checkbox"/>	<i>4 x 3 1/2 x 43</i>
" " Third " " " "	<i>✓</i>			" " Gussets, spacing and scantling abaft 1/4 len. from stem	<i>35 x 35 x 41</i>	<input checked="" type="checkbox"/>	
Framing in Peaks, Angle or <i>[C]</i>	<i>7 x 3 1/2 x 45</i>	<input checked="" type="checkbox"/>	<i>N.B.S.</i>	" " Gussets, spacing and scantling forward 1/4 len. from stem	<i>Continuous 35 x 41</i>	<input checked="" type="checkbox"/>	
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	<i>7/8 x 5 3/4</i>	<input checked="" type="checkbox"/>		Tank Side Brackets, height above base line at toe of Frame and thickness	<i>68 x 48</i>	<input checked="" type="checkbox"/>	
State if Frame Joggled	<i>Yes</i>	<input checked="" type="checkbox"/>		INNER BOTTOM PLATING.			
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	<i>15 x 4 x 4 x 52 [Frame] 4 stringers Face angles 6 x 3 x 36</i>	<input checked="" type="checkbox"/>		Breadth and thickness of Middle Line Strake	<i>79 x 49</i>	<input checked="" type="checkbox"/>	
STRENGTHENING OF BOTTOM FOR- WARD. State Particulars	<i>4 spaced intermediate 5 x 5 x 46 Frames 59 shell plating Riveting 5/16 dia</i>	<input checked="" type="checkbox"/>		Thickness of remainder in Holds	<i>43 in x 39</i>	<input checked="" type="checkbox"/>	
SINGLE BOTTOM.				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?	<i>Yes</i>	<input checked="" type="checkbox"/>	<i>+ 10% corner extra</i>
Floors, Depth and thickness at mid-line in Holds				BEAMS.			
Height of Brackets at side above base line at toe of frame				Uppermost Continuous Deck, amidships in Walls Angle <i>[E]</i> or <i>[C]</i>	<i>9 x 3 1/2 x 48</i>	<input checked="" type="checkbox"/>	
Middle Line Keelson, on Floors, Angles, <i>[C]</i> or <i>[E]</i>				" " in way of Bridge, Angle, <i>[E]</i> or <i>[C]</i>	<i>8 x 3 1/2 x 35 1/2 Beams</i>	<input checked="" type="checkbox"/>	
" " Through Plate or Intercostal Plate				Spacing	<i>31"</i>	<input checked="" type="checkbox"/>	
" " Foundation Plate on Floors				Second Deck, amidships, Angle, <i>[E]</i> or <i>[C]</i>	<i>11 x 3 1/2 x 50</i>	<input checked="" type="checkbox"/>	
" " Flat Plate Keel Angles				Spacing	<i>8 x 3 x 44 1/2 Beams</i>	<input checked="" type="checkbox"/>	
DOUBLE BOTTOM.				Third Deck, amidships, Angle, <i>[C]</i> or <i>[E]</i>			
Solid Floors, thickness and spacing	<i>41 x 93</i>	<input checked="" type="checkbox"/>		Spacing			
" " Are Frame and Reversed Frame joggled?	<i>3/4</i>	<input checked="" type="checkbox"/>		Fourth Deck, amidships, Angle, <i>[C]</i> or <i>[E]</i>			
Bracket Floors, breadth and thickness at middle line	<i>52 x 41</i>	<input checked="" type="checkbox"/>		Spacing			
" " breadth and thickness at margin plate	<i>50 x 41</i>	<input checked="" type="checkbox"/>		Poop Deck, Angle, <i>[C]</i> or <i>[E]</i>			
				Spacing			
				Bridge Deck, Angle, <i>[C]</i> or <i>[E]</i>			
				Spacing			
				Forecastle Deck, Angle, <i>[E]</i> or <i>[C]</i>	<i>8 x 5 x 48</i>	<input checked="" type="checkbox"/>	
				Spacing			

PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....	<i>one</i>	
" in 'tween Decks, Size and Spacing.....	<i>in Prop 2 3/4 dia</i> <i>File 2 7/8 dia</i>	
" " " " " "		
" in Holds " " "	✓	
" " " " " "	✓	
Centre Line Bulkhead.		
Stiffeners and Spacing.....	<i>Delivered F 12 x 3 1/2 x .45</i> <i>7.000 F 5 x 3 x .32</i>	
Plating, thickness of	<i>Delivered .30</i> <i>7.700 .26</i>	
STRINGERS AND DECKS.		
Uppermost Continuous Deck.		
Stringer Plate, breadth and thickness in Wells.....	<i>7 3/4 x .68</i> ✓ <i>+ 10% burned extra</i>	
" " " " in way of Bridge.....	✓	
" Angle in Wells	<i>6 x 6 x .52</i>	
Thickness of Plating abreast Deck openings in way of Wells	<i>.63</i> ✓	
Thickness of Plating abreast Deck openings in way of Bridge	✓	
Thickness of Plating within line of openings.....	<i>2 1/2 P.P.</i> ✓ <i>over Bulkhead accommodation</i>	
If Sheathed, material and thickness	✓	
Second Deck.		
Stringer Plate, breadth and thickness in Wells.....	<i>46 x 39</i> ✓ <i>See letter 13/8/32</i>	
Stringer Plate, breadth and thickness.....		
Plating, Sheathing, 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. on C.S.S. 34.		
Stringer Plate, breadth and thickness.....	<i>35 x 36</i> ✓	
Plating, Sheathing, material and thickness	<i>.34</i> ✓	

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <i>no</i>			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	<i>57½</i>	<i>.77</i>	<i>.67</i>	<i>.67</i>	✓	<i>Double</i> ✓	<i>7/8</i>	<i>3/4</i>	<i>Quad</i> ✓	<i>1"</i>	<i>4"</i>	<i>Lapped</i>
" DBLG. (if any)	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
BOTTOM PLATING, No. of Strakes <i>Three</i> ...	<i>79</i>	<i>.59</i>	<i>.59</i>	<i>.59</i>	✓	<i>Double</i> ✓	<i>7/8</i>	<i>3/4</i>	<i>Triple</i> ✓	<i>7/8</i>	<i>3/8</i>	<i>Lapped</i>
BILGE PLATING, No. of Strakes <i>Two</i>	<i>70</i>	<i>.59</i>	<i>.59</i>	<i>.51</i>	✓	" ✓	<i>7/8</i>	<i>3/4</i>	"	<i>7/8</i>	<i>3/8</i>	"
SIDE PLATING, No. of Strakes <i>Three</i> ...	<i>77½</i>	<i>.59</i>	<i>.48</i>	<i>.46</i>	✓	" ✓	<i>7/8</i>	<i>3/4</i>	"	<i>7/8</i>	<i>3/8</i>	"
UPPER DECK, Sheer- strake in Wells.....	<i>75</i>	<i>.66</i>	<i>.46</i>	<i>.46</i>	✓	" ✓	<i>7/8</i>	<i>3/4</i>	<i>Quad</i>	<i>7/8</i>	<i>3/4</i>	"
UPPER DECK, Sheer- strake in Bridge ...	<i>76½</i>	<i>.62</i>	<i>.46</i>	<i>.46</i>	<i>+ .01</i>	" ✓	<i>7/8</i>	<i>3/4</i>	<i>Quad</i> ✓	<i>7/8</i>	<i>3/4</i>	"
STRAKE BELOW Sheer- strake in Wells.....	✓											
STRAKE BELOW Sheer- strake in Bridge ...	✓											
POOP SIDE PLATING	✓											
BRIDGE SIDE PLATING ...	✓											
FORE'TLE SIDE PLATING	✓	✓	<i>.42</i>	✓		<i>Single</i>	<i>3/4</i>	<i>3</i>	<i>Single</i>	<i>3/4</i>	<i>2 5/8</i>	<i>Lapped</i>

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel— *Seven* ✓

Extending to Upper Deck (Sec. 3 c) *One* ✓

„ Deck next below *Six* ✓

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	Roller bar	9 1/2 x 2 1/2	Canardville Steel Co	
STERN FRAME {	Propeller Post	N.I. Forging	11 x 8	C.M.E.W. + 1/2 x 1/2
	Rudder "	"	9 1/4 x 8	" de plan + 1/4 x 1/4
RUDDER—A x D		Balance	Reaction	
Speed of Vessel		11 N.M		
RUDDER mainpiece at head ...		10 x 12 1/4		
" " heel ...		9		
" how constructed		Built		
" double or single plate		single 89 x 92	de Plan	
" coupling, vertical or horizontal		Vertical		

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *South Durham & Co. Ltd., Norman Long & Co. Ltd., Cargo Fleet Iron Co. Ltd., Norman Long & Co. Ltd., Consels Iron Co. Ltd.*

Has the Steel been tested as required by the Rules? *Yes*

EQUIPMENT No. 37517										LETTER Z	ANCHORS.		
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.			
34028	1st Bower	64	1	14	64	1	14	50	15	0	63 3/4	Reynolds Improved Hook	St. 8 April 1932 J.H.B.
34030	2nd "	64	0	0	64	0	0	50	10	0	63 3/4	-do-	" 9 " " "
34027	3rd "	64	3	0	64	3	0	45	4	1	54 1/2	-do-	" 8 " " "
	Collective weight.	192	0	14	192	0	14				182		
46594	Stream	17	2	7	17	2	7	18	14	1	17 1/2	Reynolds Forged H. Turn	Chesh. 26-1-32 L.C. Paul

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.	Cir.		Length.	Cir.		
	Fathoms.	Ins.	Tons.	Tons.	Owts.	qrs.	lbs.	Owts.	Fathoms.	Ins.			Fathoms.	Ins.	Tons.	Fathoms.	Ins.		
46696	270	2 1/4	9 1/8	127 1/2	687.0.0			2 7/16	270	2 1/4	Long Link	✓	Cheeth 26-1-32 L.C. Paul	TOWLINE...	120	5	70 9/10	120	5
46725		1 1/4	28 1/8	42 1/8	1.0						Small Manila for Chain Cable	✓	Cheeth 26-1-32 L.C. Paul	HAWSERS & WARPS	2.90	2 3/4	15 1/8	22 90	2 3/4
															2.90	2 1/2	13 1/2	22 90	2 1/2
														Manilla	6.90	7"			
															90	3"			
															90				
Iron Steam Chain or Steel Wire	90	4 3/4		64 1/8					90	4 3/4	Wire	✓	Hall Barton Rope Co. Ltd.	✓	2.45	2 1/2	15		

Steering Gear, Steam 9 1/2 dia. x 9 thick with Telemeter Control. Steering Gear, Hand Hand Wheel of Lynn & Co.

Boats 20 16-8 x 5-9 x 2-3/4 Steering Chains, Size and Test none Windlass 9 1/2 dia. 12 thick. Blake Chapman

20 26-8 x 8-6 x 3-3

Ceiling in Holds, thickness and material 2 1/2 W.P. Cargo Battens, thickness, material and spacing 6 x 2 W.P. 9' apart.

Cargo Hatchways.—(Upper Deck) Steel plates & angles as approved Thickness of Hatches 3"

Size of No. 1 Hatchway (Forward) 29-8 x 20 No. 2 33-7 x 20 No. 3 20-8 x 20 No. 4 36-2 x 20 No. 5 31-0 x 20 No. 6 31-0 x 20

Number of Shifting Beams and/or Fore and Afters 7 No. 1 Five No. 2 Three No. 3 Five No. 4 Five No. 5 Five

Builder's Signature *W. S. Simpson*

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

The vessel has been built in accordance with the Rules, the Approved plans & the Secretary's Letters

The materials and workmanship are good

The double bottom tanks, fore & after peak tanks have been tested under the required pressure and found satisfactory. Deep tank tested satisfactorily.

The watertight doors, steering gears and windlass have been tried under working conditions and found satisfactory.

The Weather decks, bulkheads, W. T. doors, Tunnel and ash shoot have been satisfactorily tested

The fireboards, in accordance with the Convention requirements, have been cut in on the vessel sides and verified

The vessel is fitted with Wireless, Directional wireless and electric light

P.T.O

The amount of Entry Fee £ 8 : 0 : 0 Fees applied for, 10.8. 1932

Special Survey Fee.... £ 3/6 : 11 : 0 Received by me, 14.9. 1932

Freeboard Fee 15 : 0 : 0

Travelling Expenses, if any £ : ✓ :

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

(with freeboard)

State whether the Vessel has been built under Special Survey **Yes**

Signature *C. A. Millar & D. Dixon*
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *W. S. Simpson* Date of issue *15/9/32*

Committee's Minute **TUE. 16 AUG 1932**

Character assigned **+ 100A1**
with freeboard

+ L.M.C. 8, 32

Lloyd's A & C.

F.D. C.L.



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Lloyd's Register
Foundation

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

1583-0093 2/2

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 following plans are forwarded with this Report

1. Midship Section
2. Profile of Decks
3. Deck Trainers & Hatch End Beams
4. Deep tank.
5. Skidframe & Rudder.
6. Fore & After Peaks
7. Bottom Forward Strengthening
8. Tunnel Plan.

Also Forging and Casting reports of Skidframe, Rudder, Quadrant and Tiller

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

1st Bower	43.3-0	P.T.B	863	4-12-31
2nd "	43.1-14	PTB	864	4-12-31
3rd "	34-2-0	PTB	859	4-12-31

Including pins

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 is joined to the B.D., this should be distinctly stated

No. and Material of Decks (this information is to be given as it should appear in the Register Book)

1st (H.C.) Shelter Deck (H.C.)

Official No. 160773 ; Signal Letters

Is bottom of Vessel coated with cement ☒ Yes

if not give

particulars of composition

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	126-7	380	Fore peak tank,	21-6	170
Double bottom, under Engines and Boilers,			After peak tank,	24-8	182
Double bottom, if under Engines only,	25-10	114	Deep tank, aft,	28-5	1076
Double bottom, if under Boilers only,	18-1	83	Deep tank, forward,		
Double bottom, forward,	187-4	699	Other tanks, if fitted,		
Total capacity of double bottom		1826	(If necessary, furnish further information by sketch.)		1398

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

Order for Special Survey No. 2346

Date

29th October 1931

Dates of Surveys held while building

1931- Nov 5-9-11-13-16-19-23-25 Dec 3-4-7-9-10-14-15-16-18-21-23-30-1932 Jan 4-6-8-12-14-18-19-21-25-28-29 Feb 2-3-5-9-11-12-16-17-19-23-25-29 Mar 1-2-8-11-15-16-23 Apr 1-4-5-6-7-10-12-14-15-20-21-23-27-29 May 3-4-6-9-10-18-19-23-25-30-31 June 3-6-8-9-13-14-16-18-21-23-27-29-30 July 1-5-6-11-12-13-15-16-18-19-23-25-28-29 Aug 3.

Total No. of Visits

99