

Rpt. 1.

## STEEL STEAMER or MOTORSHIP.

N. SWANSTREAM

Received at London Office 12 MAY 1936

SECTION  
No. 982State 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 *May 8<sup>th</sup> 1936*Port of *Sunderland*No. *31814*Survey held at *Sunderland*Date First Survey *20<sup>th</sup> Nov. 1935*Last Survey *5<sup>th</sup> May 1936*

1936

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

*Single Screw M.V. "PEEBLES"*

State Type

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

*Complete Superstructure with tonnage openings*

Type of Erections

*C.S.S.*

TONNAGE under Tonnage Deck...

*4,627*CLASS *+100A1.*State if with freeboard as condition of Class *yes*Built at *Sunderland.*

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 416.83*Launched *24.3.36*Yard No. *625*

Total

Breadth (greatest moulded)

*B 53.96*Builders *Messrs W. Dorriford & Sons Ltd*

Gross Tonnage

*4,982*

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

*D 37.17*Owners *B. J. Sutherland & Co Ltd*

Register Tonnage

*3,068*1st Longitudinal Number (L x D) = *15,285*

Managers

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

2nd Numeral L x (B + D) = *37,777*

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

*25.06*

Residence

REGISTERED DIMENSIONS. FEET.

Length

*423.60*

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

*11.21*Port of Registry *Newcastle*

Breadth

*54.25*

If surveyed while building, afloat, or in dry dock

Depth

*26.10*Draught Moulded *25'-3 1/2"**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	<i>31 1/2</i>		Bracket Floors, Frame	<i>B.A.N.B.S. 6 3 1/2 .36</i>	
" " from 3/8 length to Collision bulkhead	<i>27</i>		" " Reversed Frame	<i>7 3 .38</i>	
" " in peaks	<i>24</i>		" " Vertical Struts	<i>Ch. 10x3 1/2 x 3 1/2 x .42</i>	
FRAMING.			Centre Girder, depth and thickness amidships	<i>43 1/4 x .56</i>	
Frame Amidships, Angle, <i>E or [</i> <i>B.B.S.</i>	<i>13 1/2 4 .49</i>		" " top Angles	<i>3 1/2 3 1/2 .54</i>	
" " Extends up to	<i>2 1/2 deck</i>		" " bottom Angles	<i>4 4 .62</i>	
Reversed Frame Amidships, Angle	<i>-</i>		Side Girders, No. each side and thickness	<i>One .42</i>	
" " Extends up to	<i>-</i>		Margin Plate depth (excl. of flange) and thickness	<i>40" x .54</i>	
Depth of Framing Girder	<i>13 1/2</i>		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	<i>6 6 .44</i>	
Frames in Uppermost Continuous 'tween Decks, Angle, <i>E or [</i> <i>B.B.S.</i>	<i>6 3 1/2 .35</i>	<i>scantling</i>	" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	<i>6 6 .44</i>	
" " Second 'tween Decks, Angle, <i>[ or [</i>	<i>-</i>		" " Gussets, spacing and scantling abaft 1/4 len. from stem	<i>.42 plate</i>	
" " Third " " " "	<i>-</i>		" " Gussets, spacing and scantling forward 1/4 len. from stem	<i>.42 plate</i>	
Framing in Peaks, Angle, <i>[</i> <i>B.B.S.</i>	<i>8 3 1/2 .32</i>		Tank Side Brackets, height above base line at toe of Frame and thickness	<i>69 1/2 x .49</i>	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>7/8 - 5 3/4</i>		INNER BOTTOM PLATING.		
State if Frame Joggled	<i>yes</i>		Breadth and thickness of Middle Line Strake	<i>72 x .50</i>	
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	<i>In Peak - 45 Strips 35 1/2 x .34. Beams 9 x 3 1/2 x .44 B.D. In Reel. Side Shell increased 25% 4 face bars 10 x 3 1/2 x .50 B.D. Frames 17 x 11 x .4 x .68 Ch. 4 Girders each side Frame bottom 6 x 6 x .44 Bottom shell .66 8' x 1/2" to collision bulkhead</i>		Thickness of remainder in Holds	<i>.44</i>	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>yes</i>		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>	
DOUBLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	<i>-</i>		Uppermost Continuous Deck, amidships in Walls, Angle, <i>E or [</i>	<i>7 3 1/2 .43</i>	
Height of Brackets at side above base line at toe of frame	<i>-</i>		" " in way of Bridge, Angle, <i>[ or [</i>	<i>-</i>	
Middle Line Keelson, on Floors, Angles, <i>[ or [</i>	<i>-</i>		Spacing	<i>Every</i>	
" " Through Plate or Intercoastal Plate	<i>-</i>		Second Deck, amidships Angle, <i>E or [</i>	<i>8 3 .38</i>	
" " Foundation Plate on Floors	<i>-</i>		Spacing	<i>Every</i>	
" " Flat Plate Keel Angles	<i>-</i>		Third Deck, amidships, Angle, <i>[ or [</i>	<i>-</i>	
Keelsons, No. each side	<i>-</i>		Spacing	<i>-</i>	
" thickness of Intercoastal Plate	<i>-</i>		Fourth Deck, amidships, Angle, <i>[ or [</i>	<i>-</i>	
" Angles	<i>-</i>		Spacing	<i>-</i>	
DOUBLE BOTTOM.			Poop Deck, Angle, <i>[ or [</i>	<i>-</i>	
Solid Floors, thickness and spacing	<i>.42. Every 3'</i>		Spacing	<i>-</i>	
" " Are Frame and Reversed Frame joggled?	<i>yes</i>		Bridge Deck, Angle, <i>[ or [</i>	<i>-</i>	
Bracket Floors, breadth and thickness at middle line	<i>32 1/2 x .42</i>		Spacing	<i>-</i>	
" " breadth and thickness at margin plate	<i>32 1/2 x .42</i>		Forecastle Deck, Angle, <i>[ or [</i>	<i>-</i>	
			Spacing	<i>-</i>	



## 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.
<b>PILLARS, No. of Rows.....</b>	One		Stringer Plate, breadth and thickness in way of Bridge .....	✓	
„ in 'tween Decks, Size and Spacing .....	5 5 44 alternate		Thickness of Plating abreast Deck openings in way of Wells .....	.36	
„ „ „ „ „	✓		Thickness of Plating abreast Deck openings in way of Bridge .....	✓	
„ in Holds „ „	✓		Thickness of Plating within line of openings...	.34	
„ „ „ „ „	✓		If Sheathed, material and thickness .....	✓	
<b>Centre Line Bulkhead.</b>			<b>Third Deck.</b>		
Stiffeners and Spacing.....	9 3 1/2 54 3/4 6 3 3/4 34 3/4 Every .30		Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of .....			If Plated, state thickness.....	✓	
<b>STRINGERS AND DECKS.</b>			<b>Fourth Deck.</b>		
<b>Uppermost Continuous Deck.</b>			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Wells .....	68 x 59		If Plated, state thickness .....	✓	
„ „ „ „ in way of Bridge .....	✓		<b>Poop Deck.</b>		
„ Angle in Wells .....	6 6 58		Stringer Plate, breadth and thickness .....	✓	
Thickness of Plating abreast Deck openings in way of Wells .....	.54		Plating, Sheathing, material and thickness ..	✓	
Thickness of Plating abreast Deck openings in way of Bridge .....	✓		<b>Bridge Deck.</b>		
Thickness of Plating within line of openings...	.38		Stringer Plate, breadth and thickness.....	✓	
If Sheathed, material and thickness .....	✓		Plating, Sheathing, material and thickness ..	✓	
<b>Second Deck.</b>			<b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness in Wells...	70 x 40		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. No		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.	No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing or to cr.	
	Inches.	Inches.	Inches.	Inches.			Diam. Inches.		Inches.	Inches.	
FLAT PLATE KEEL .....	52	.78	.68	.68		Double	1 4	4	1	4	Half
„ DBLG. (if any) .....	✓	✓	✓	✓		✓					
BOTTOM PLATING, No. of Strakes .....	4	.60	.50	.50		Double	7/8 3 1/2	3	7/8	3 1/8	Grap
BILGE PLATING, No. of Strakes .....	1	.60	.50	.50		do	7/8 3 1/2	3	7/8	3 1/8	do
SIDE PLATING, No. of Strakes .....	4	.60	.46	.46		do	7/8 3 1/2	3	7/8	3 1/8	do
UPPER DECK, Sheer-strake in Wells .....	90	.66	.46	.46		do	7/8 3 1/2	4	7/8	3 1/2	do
UPPER DECK, Sheer-strake in Bridge ...	✓					✓					
STRAKE BELOW Sheer-strake in Wells .....	75	.60	.46	.46		Double	7/8 3 1/2	3	7/8	3 1/8	do
STRAKE BELOW Sheer-strake in Bridge ...	✓										
POOP SIDE PLATING .....	✓										
BRIDGE SIDE PLATING ...	✓										
FORECASTLE SIDE PLATING	✓										

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c)

„ Deck next below

As per Rule

## STIFFENERS.

	Plating Thickness.	VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
<b>MIDSHIP BULKHEAD, Upper tween decks</b>	✓				
„ „ Second „	✓				
„ „ Third „	✓				
„ „ Holds .....		39 x 20	12 x 3 1/2 x 3 1/2 x 3 1/2	27	Grade 39 x 44 One
<b>COLLISION</b> „ (in Hold) .....		54 x 26	10 x 3 1/2 x 48	24	Chain locker Pak
<b>AFTER PEAK</b> „ „ .....		42 x 30	8 x 3 x 39	24	Semi box One

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any dep. from app. plans to be noted.
<b>KEEL, Bar .....</b>	Steel	9 1/2 x 2 1/2		
<b>STEM .....</b>	Steel	15 x 12	Nedolman	
<b>STERN FRAME</b> { Propeller Post .....	Cast	15 x 12	Nedolman	
{ Rudder „ .....	Steel	9 x 8	Sisalpa	
<b>Speed of Vessel .....</b>		10 1/4 knots		
<b>RUDDER—Type .....</b>		Autin Reaction		
„ A x D .....		✓		
„ Diam. of head .....		7 3/4		
„ Mainpiece at top pintle .....		11 1/2		
„ „ heel ...		8 1/4		
„ how constructed .....		✓		
„ double or single plate .....		double .44		
„ coupling, vertical or .....		Horizontal		
„ horizontal .....		✓		

## STEEL.

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

Consett, South Durham, Dorman Long, Skinningrove, Corus Fleet

Has the Steel been tested as required by the Rules?

Yes



EQUIPMENT No 38, 387												LETTER at.		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.				
35,646	1st Bower ...	68	1	14				52	18	3	0	✓	Super Amp 4 5/16	✓	L.P.H.S. 20.1.36 G.H.B.	
35,649	2nd " ...	68	0	0				52	12	2	0		" " "	✓	L.P.H.S. 21.1.36 G.H.B.	
35,656	3rd " ...	58	3	14				47	13	3	0	✓	" " "	✓	L.P.H.S. 23.1.36 G.H.B.	
	Collective weight.	195	1	0									194-2-0			
48,837	Stream .....	19	0	16	4	3	16	19	19	2	21	✓	4-0-7 Iron stock	✓	L.P.H.C.H. 3.12.35 G.C.P.	

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.	Chr.		Length.	Chr.	
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.				Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
87823	270	2	100 <sup>16</sup> / <sub>20</sub>	141 <sup>3</sup> / <sub>20</sub>	578	1	8	/	270	2"	TAYCO S. Taylor	L.P.H.N. 5.2.36 H.S.	TOWLINE...	120	4 <sup>3</sup> / <sub>4</sub>	64 <sup>1</sup> / <sub>2</sub>	120	4 <sup>3</sup> / <sub>4</sub>	
													HAWSERS & WARPS }	2290	2 <sup>3</sup> / <sub>4</sub>	15.2	2290	2 <sup>3</sup> / <sub>4</sub>	
													"	2290	2 <sup>1</sup> / <sub>2</sub>	13.2	2290	2 <sup>1</sup> / <sub>2</sub>	
													"						
Stream } Chain } Steel Wire }	90	5	52.8						90	5									

Steering Gear, Steam Messrs Donkin & Co Steering Gear, Hand Overhaul blocks tackle  
Boats Two 26 ft, two 16 ft lifeboats Steering Chains, Size and Test Telemotor gear Windlass Emerson Walker  
Ceiling in Holds, thickness and material 2 1/2" W.P. except in way of deep tanks Cargo Battens, thickness, material and spacing 6" x 2" W.P. spaced 9"  
Cargo Hatchways.—(Upper Deck) Steel plate and angle Reith's Patent Thickness of Hatches 3 in.  
Size of No. 1 Hatchway (Forward) 31' 6" x 22' 0" No. 2 31' 6" x 22' 0" No. 3 31' 6" x 22' 0" No. 4 31' 6" x 22' 0" No. 5 31' 6" x 22' 0" No. 6  
Number of Shifting Beams for Fore and Afters No. 1-5. No. 2-5. No. 3-5. No. 4-5. No. 5-5.

Builder's Signature WILLIAM DOYFORD & SONS, Limited  
W. Doyford

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 Oil engine  
(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.  
fuel oil for oil engines is carried in Nos 2, 3 and 4 double bottom tanks, and in double bottom tank at forward end of machinery space.  
The vessel has been built in accordance with the approved plans, the Secretary's letters and the Society's Rules.  
The materials and workmanship are good.  
The freeboard marks have been verified and cut in on the vessel's sides.  
2 double bottom tanks, deep tank and after peak tank have been tested in accordance with the Rules, and the forepeak  
has been filled and found in order. The tunnel, decks, bulkheads, and pumps with tight door have been tested and found good.  
The windlass and steering gear have been tried under working conditions.  
The following are the approved plans:—Midship section, profiles decks, scheme of mooring, fore and stiffening,  
strengthening in engine room, amended painting stringers, pillars and girders, proposed welding, amended hatches,  
clon pipe array, Pillars & stiffening in E.R., Waste, Welding of Bulb & stiffeners to tank top, amended gussets,  
Red stem, Stern frames & rudder, stiffening box for rudder, deep tank covers, Conical stem, Collision bulkhead  
F.T.O.

Amount of Entry Fee ..... £ 8 : 0 : 0 Fees applied for, 1 MAY 1936  
Special Survey Fee.... £ 324 : 2 : 0 Received by me, 12.5.36  
Freeboard 15 : 0 : 0 13/5  
Travelling Expenses, if any £ : :  
Whether the Vessel has been built under Special Survey Yes. I am of opinion the Vessel should be Classed +100A1 with freeboard  
Signature Colin Bartlett  
Certificate to be sent to SUNDERLAND. Date of issue 19/5/36  
Surveyor to Lloyd's Register of Shipping.

Committee's Minute TUE. 19 MAY 1936  
Character assigned +100A1 with Fbd  
Lloyds A & C.P. + Linc 5.36 Oil Engines  
C.L. 2 DB 120 lbs.  
Write in Lbs.  
Amended



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.)

Welding of rudder, drain holes in sump.  
Copies of the approved plans are in the London Office, and the above are retained for sister ships building.

The following forging certificates are enclosed:—Rudder arms, Rudder frames, stern frame, Quadrant, Liller, stuffing box

Sister ships:—M.V. "Sutherland" No 612. Sed Rpt No 31573 etc.

This vessel is fitted with raked stem and "Lutin" Rudder.

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

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

1st Bower  
2nd "  
3rd "

Including pin  
43-3-14 J.D. 945. 13.12.35.  
43-3-14 J.D. 921. 28.11.35.  
37-3-14 J.D. 922. 28.11.35.

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

No. and Material of Decks 1 DK: (STL) 4 SHELTER DK: (STL)

Official No. 161594; Signal Letters

Is bottom of vessel coated with cement

particulars of composition cement in way of water ballast and in peaks

#### PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Name
Double bottom, aft,	123	334	Fore peak tank,	—	—	
Double bottom, under Engines and Boilers, machinery	31	118	After peak tank,	14	1	
Double bottom, if under Engines only,	✓		Deep tank, aft,	41	1,22	
Double bottom, if under Boilers only,	✓		Deep tank, forward,			
Double bottom, forward,	192	722	Other tanks, if fitted,			
		Total capacity of double bottom			1,174	(If necessary, furnish further information by sketch.)

\* The wells are not to be included in the lengths of the tanks (See Circular No. 1284).

Order for Special Survey No. 5794

Date 4.12.35

Dates of Surveys held while building

1935 Jan 20 28 29 Dec 2 3 4 6 10 11 12 16 17 18 19 20 23 24 27 30 31 1936 Jan 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 Feb 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 Mar 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 Apr 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 May 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 Jun 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 Jul 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 Aug 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 Sep 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 Oct 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 Nov 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 Dec 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Total No. of Visits