

STEEL ~~STEAMER~~ OF MOTORSHIP.

Received at London Office NOV 27 1939

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

24th November 1939 Port of *Sunderland*

No. 32744

Survey held at

Sunderland

Date First Survey

2nd June '39

Last Survey

18 November 1939.

On the

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

*"BEIGNON"**Single Screw.**Machinery amidships*

State Type

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

*Complete Superstructure with one tonnage opening aft*State Type of Erections *C.S.S*

TONNAGE under Tonnage Deck...

*4656.84*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.

560.81

Length from fore part of stem to after part of stern most on summer L.W.L. See Sec. 3 (1a)

*L 419.58*Launched *29th September 1939* Yard No. *653*Builders *Wm. Duxford & Sons Ltd.*

Total

*5217.65*Breadth (greatest moulded) *B 56.21*Owners *Notisement Str. Ship. Co. Ltd.*

Gross Tonnage

5217.65

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

*D 38.00*Managers *Novel Ltd.*

Register Tonnage

*3004.03*1st Longitudinal Number (L x D) *= 15522*

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

2nd Numeral L x (B + D) *= 39110*Residence *2, Stuart St. Cardiff*

REGISTERED DIMENSIONS.

FEET.

*427.60**56.50.**26.50.*

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

25.35

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

11.04

Do. Long Bridge to top of keel

*✓*Draught Moulded *25-8 3/4*Port of Registry *London*

If surveyed while building, afloat, or in dry dock

Whilst building.

FRAMES, DOUBLE BOTTOM AND BEAMS. N.B.S. Sections.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
ES, Spacing amidships	<i>31 1/2</i> ✓		Bracket Floors, Frame	<i>6 3 1/2 40</i> ✓	
" from 1/2 length amidships to Collision bulkhead	<i>27</i> ✓		" " Reversed Frame	<i>6 3 34</i> ✓	
" in peaks	<i>24</i> ✓		" " Vertical Struts	<i>8 x 3 1/2 x 3 1/2 x 42</i> ✓	
FRAMING.			Centre Girder, depth and thickness amidships	<i>43 3/4 x 54</i> ✓	
ne Amidships, Angle, [or]	<i>13 1/2 4 49</i> ✓		" " top Angles	<i>3 1/2 3 1/2 43</i> ✓	
" Extends up to	<i>2nd Dk + U.D @ HE. Beams</i>		" " bottom Angles	<i>5 5 50</i> ✓	
ersed Frame Amidships, Angle	<i>+ every 3rd frame in Machinery Space</i>	<i>(Owners req.)</i>	Side Girders, No. each side and thickness	<i>One 38</i> ✓	
" Extends up to	<i>✓</i>		Margin Plate depth (excl. of flange) and thickness	<i>40 3/4 x 60 + 0.06</i> ✓	
th of Framing Girder	<i>✓</i>		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	<i>5 5 45</i> ✓	
nes in Uppermost Continuous 'tween Decks, Angle, [or]	<i>8 3 1/2 35 + 2" owner.</i>		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	<i>5 5 45</i> ✓	<i>double</i>
" Second 'tween Decks, Angle, [or]	<i>-</i>		" " Gussets, spacing and scantling abaft 1/2 len. from stem	<i>42</i> ✓	<i>continuous</i>
" Third " " "	<i>-</i>		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	<i>42</i> ✓	
from 1/2 len. for'd. to 15% len. from Stem	<i>13 1/2 4 57</i> ✓	<i>BA</i>	Tank Side Brackets, height above base line at toe of Frame and thickness	<i>70 x 51 + 0.05</i> ✓	
in Peaks, Angle, [or]	<i>8 3 1/2 38</i> ✓		INNER BOTTOM PLATING.		
iameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>7/8 5 3/4</i> ✓		Breadth and thickness of Middle Line Strake	<i>78 x 50</i> ✓	
e if Frame Joggled	<i>yes</i> ✓		Thickness of remainder in Holds	<i>44</i> ✓	
the scantlings and arrangements in the Panting Area in accordance with the Rules or as approved?	<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> ✓	
the scantlings and arrangements in way of the Bottom Forward in accordance with Rules and/or as approved?	<i>yes</i> ✓		BEAMS.		
E BOTTOM.			Uppermost Continuous Deck, amidships	<i>8 3 1/2 34</i> ✓	
rs, Depth and thickness at mid-line in Holds	<i>✓</i>		" " in way of Bridge, Angle, [or]	<i>✓</i>	
Height of Brackets at side above base line at toe of frame	<i>✓</i>		Spacing	<i>Every ft.</i> ✓	
le Line Keelson, on Floors, Angles, [or]	<i>✓</i>		Second Deck, amidships, Angle, [or]	<i>9 3 1/2 38</i> ✓	
" " Through Plate or Intercoastal Plate	<i>✓</i>		Spacing	<i>Every ft.</i> ✓	
" " Foundation Plate on Floors	<i>✓</i>		Third Deck, amidships, Angle, [or]	<i>✓</i>	
" " Flat Plate Keel Angles	<i>✓</i>		Spacing	<i>✓</i>	
Keelsons, No. each side	<i>✓</i>		Fourth Deck, amidships, Angle, [or]	<i>✓</i>	
" thickness of Intercoastal Plate	<i>✓</i>		Spacing	<i>✓</i>	
" Angles	<i>✓</i>		Poop Deck, Angle, [or]	<i>✓</i>	
Spacing	<i>✓</i>		Spacing	<i>✓</i>	
DOUBLE BOTTOM.			Bridge Deck, Angle, [or]	<i>✓</i>	
Solid Floors, thickness and spacing	<i>42 @ 9 1/2</i> ✓		Spacing	<i>✓</i>	
" " Are Frame and Reversed Frame joggled?	<i>yes</i>		Forecastle Deck, Angle, [or]	<i>✓</i>	
Bracket Floors, breadth and thickness at middle line	<i>33 x 42</i>		Spacing	<i>✓</i>	
" " breadth and thickness at margin plate	<i>33 x 42</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.	
PILLARS, No. of Rows.....						Stringer Plate, breadth and thickness in way of Bridge		✓			
" in 'tween Decks, Size and Spacing.....						Thickness of Plating abreast Deck openings in way of Wells		✓	375	✓	
" " " " "						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		✓			
Centre Line Bulkhead.						Third Deck.					
Stiffeners and Spacing.....		T.Ds. ✓	8 3 .40	✓	1 @ H.E. beams.	Stringer Plate, breadth and thickness.....		✓			
Plating, thickness of		Hold	3 1/2 3 .32	✓	1 every ft. ✓	If Plated, state thickness.....		✓			
			9 3 1/2 .44	✓	1 every ft. ✓			✓			
			10 3 1/2 .50	✓	1 at H.E. beams. ✓			✓			
			30 + .26	✓	T.Ds. ✓			✓			
			Hold.	✓				✓			
STRINGERS AND DECKS.						Fourth Deck.					
Uppermost Continuous Deck.						Stringer Plate, breadth and thickness.....		✓			
Stringer Plate, breadth and thickness in Wells			70 x .67.	✓	+ 10% ✓	If Plated, state thickness		✓			
" " " " in way of Bridge			✓			Poop Deck.					
" Angle in Wells			6 6 .61.	✓		Stringer Plate, breadth and thickness		✓			
Thickness of Plating abreast Deck openings in way of Wells63 + .57.	✓	+ 10% ✓	Plating, Sheathing, material and thickness ...		✓			
Thickness of Plating abreast Deck openings in way of Bridge			✓			Bridge Deck.					
Thickness of Plating within line of openings...			.44	✓	+ 10% ✓	Stringer Plate, breadth and thickness.....		✓			
If Sheathed, material and thickness			✓			Plating, Sheathing, material and thickness ...		✓			
Second Deck.						Forecastle Deck.					
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.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	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	52	.79	.69	.69		Double	1	4	Four	1	3 7/8	Lapped	
„ DBLG. (if any)	-	-	-	-		✓							
BOTTOM PLATING, No. of Strakes 4 ...)		.61	.50	.50		Double	7/8	3 1/2	Four	7/8	3 1/2	Lapped	
BILGE PLATING, No. of Strakes 1 ...)		.61	.50	.50		„	7/8	3 1/2	Four	7/8	3 1/2	do	
SIDE PLATING, No. of Strakes 5 ...)		.61	.47	.47		„	7/8	3 1/2	Three	7/8	3 1/8	do	
UPPER DECK, Sheer- strake in Wells.....)	90	.74	.54	.54	+ .07	„	7/8	3 1/2	Four	7/8	3 1/2	do	
UPPER DECK, Sheer- strake in Bridge ...)	-												
STRAKE BELOW Sheer- strake in Wells.....)	-												
STRAKE BELOW Sheer- strake in Bridge ...)	-												
POOP SIDE PLATING	-												
BRIDGE SIDE PLATING ...	-												
FOREC'TLE SIDE PLATING	-												

WATERTIGHT BULKHEADS.

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

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	Rolled	$9\frac{3}{4} \times 2\frac{5}{8}$	and plates.	✓
STERN FRAME {	Propeller Post	C.S.	 14×13	550mmens
	Rudder	„ C.S.	12×8	✓
Speed of Vessel	$11\frac{1}{2}$	N.M.	✓	
RUDDER—Type	Unbalanced	✓		
„ A x D	466	5	✓	
„ Diam. of head	M.S.	$10\frac{1}{4}$	✓	Foster
„ Mainpiece at top pintle	C.S.	$8\frac{3}{4} \times 10\frac{1}{4}$	✓	540mmens
„ „ heel ...	C.S.	$5 \times 10\frac{1}{4}$	✓	“
„ how constructed				
„ double or single plate	Double	38		
„ coupling, vertical or horizontal	Vertical			

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks		-				
"	" Second "	-				
"	" Third "	-				
"	" Holds	39-26	12 x 3½	3½ x 57	30	-
COLLISION	" (in Hold)	48-26	11 x 3½	56	24	Semi box
AFTER PEAK	"	48-30	8 x 3	48	24	"

STEEL.

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

South Durham, Skinningrove, Bonsett, Colville, Bargo & Lister
Dorman Long, Appleby Prod.

Has the Steel been tested as required by the Rules?

4/5.

S. M. open-heart

Lloyd's Register
Foundation

EQUIPMENT No 40,000.										LETTER af.		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.			
38978	1st Bower ...	68	1	0	Stockless			52	15	2	14	68 ✓	Byers Improved	-	Sld 8/8/39 Notman
38967	2nd „ ...	68	0	0	do			52	12	2	0.	68 ✓	do	-	Sld 26-7-39 „
38991	3rd „ ...	58	3	15	do			47	15	-	-	58 1/2 ✓	do	-	Sld 14-8-39 „
	Collective weight.	195	0	15								194 1/2 ✓			
52404	Stream	19	1	0	4	3	14	20	1	3	14	19. ✓	Ordinary	-	Crad. 4.7-6-39 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.	Statn.	Break-ing.	Supplied.	Per Rule.			Length. Diam.					Fathoms. Ins.	Tons.	Fathoms. Ins.				
89901	270 2 1/4	100	8 1/4	588.2	10	720 3	270 2 1/4	270 2 1/4	Taylor Studlink	S. Taylor	Netherlon July Relf. 1939.	TOWLINE...	120 4 3/4	64.6	120 4 3/4				
												HAWSERS & WARPS	2090 2 3/4	15.2	2090 2 3/4				
												"	2090 2 1/2	13.2	2090 2 1/2				
Stream	90 5	52.8	Breaking					90 5	SW.										

Steering Gear, Type (Power or hand) *Power Donkin* ✓ Alternative Means of Steering *Block, tackle & after which.* ✓
 Steering Chains (Size and Test) *Telemotor control* ✓ Windlass *Emmerson Walker.* ✓ Boats *Two 23ft + Two 16ft.* ✓
 Ceiling in Holds, thickness and material *2 1/2" WP.* ✓ Cargo Battens, thickness, material and spacing *WP. 6 x 2 spaced 9"* ✓
 Cargo Hatchways. (Upper Deck) *Reith Patent* ✓ Thickness of Hatches *3"* ✓
 Size of Hatchways No. 1 (Fwd.) *27' x 22'* No. 2 *31-6' x 22'* No. 3 *31-6' x 22'* No. 4 *31-6' x 22'* No. 5 *31-6' x 22'* No. 6 ✓
 Number of Shifting Beams *5-✓* *5-✓* *5-✓* *5-✓* *5-✓*
 and for Fore and Afters

Builder's Signature *W. DOXTORD & SONS, Limited,*
Klausay Ebelie Director.

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 *Motorship*
 (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).
Fuel Oil F.P. above 150°F. for Oil Engines is carried in No 2, 3, 6 double bottom tanks
The vessel has been constructed in accordance with the approved plans, the Secretary's letters and the Society's Rules. ✓
The materials and workmanship are good. ✓
The double bottom tanks, Cofferdams, deep tank, fore & after peaks have been satisfactorily tested as required by the Rules ✓
The tunnel & watertight bulkheads have been hose tested also upper & 2nd Decks. ✓
The steering gear and secondary means of steering, windlass, watertight door and pumps have been tried under working conditions ✓
The requirements of Section 20 of the Rules for the carrying of oil fuel have been complied with. ✓
Freeboard marks have been cut in on the vessel's sides and verified
The vessel is fitted with "wireless" and "Directional Wireless" & Echo Sounding Service.

The amount of Entry Fee £ *9 : 0 : 0* Fees applied for, (Special notations, where part of class, to be stated.)
 Special Survey Fee.... £ *330 : 9 : 0* 20 Nov 1939
 Travelling Expenses, if any £ *Freeboard 16 ✓* Received by me, 23 Nov 1939
 State whether the Vessel has been built under Special Survey *yes* I am of opinion the Vessel should be Classed *100A1 with freeboard*
 Signature *C.A. Millar*
 Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Sunderland* Date of issue *4/12/39.*
 Committee's Minute *FRI. 1 DEC 1939*
 Character assigned *+ 100 A1 with freeboard*
Hydrographer *+ LMC 11.39*
Note *Oil Eng*
203 120 lb
 Lloyd's Register Foundation

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.)

This vessel is similar to the "Kassos" & "Merchant Prince" Sunderland Reports No 32667 and 32712 respectively.

PARTICULARS OF ELECTRIC WELDING (if employed) *Fluxwood & Quasi Arc Overhead electrodes*
Parts welded. *2nd deck stringer to shell. Deep tank & Peak tanks horizontal girders*
Rudder plates, B.H. Stiffener brackets to tank top.
Hatch web mounting bars, ventilator coamings to deck
Deck houses, Tank side gusset plates. Masts

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book
Lloyds. A + C.P. Fitted for Oil Fuel F.P. above 150° F. DF. Cruiser Stn. E.S.D
Expo Compass

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	39-3-3	J.D	1955	15-5-39
	2nd "	40-3-16	J.D.	2015	7-7-39.
	3rd "	34-0-19.	J.F.R	2744	2-10-37

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 or Forecastle are joined to the B.D., this should be distinctly stated ☒

Official No. *167,363* Signal Letters *1 DK(SH) + Shetlerda.* Extreme Breadth over Belting ☒ (Circ. 1611) Over-all Length *442'-11 1/4"* (Circ. 1703)
No. and Material of Decks *1 DK(SH) + Shetlerda.*
Parts of Bottom of Vessel coated with cement ~~or~~ approved composition *No 1 Double bottom tank*

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.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	123.	355	Fore peak tank,	24	134
Double bottom, under Engines and Boilers,	34	132	After peak tank,	18	166
Double bottom, if under Engines only,	—	—	Deep tank, aft, <i>amidships.</i>	28-8	1205
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	—	—
Double bottom, forward,	194	692	Other tanks, if fitted,	—	—
Total length (if continuous) and Capacity	351	1179.	(If necessary, furnish further information by sketch.)	—	—
<i>Should be</i> →	356				

Order for Special Survey No. *5908*
Date *16.5.39*
Dates of Surveys held while building *1939. June 2.7.12.15.23.28. July 3.6.10.12.17.25. Aug. 14.16.21.22.23.24. 25.28.30. Sep. 6. 7.8.14.18.20.25.29. Oct. 23.9.17.23.24.30. Nov. 1.7.14.17.18*
Total No. of Visits *41*