





# 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.
<i>Two Long. Ends.</i>				
PILLARS, No. of Rows	9	✓		
" in between Decks, Size and Spacing	5" 30"	✓		
" " " " "	Upper Stringer	✓		
" " " " "	27 x .43	✓		
" " " " "	5" flange	✓		
" in Holds " " "	Lower Stringer	✓		
" " " " "	29 x .43	✓		
" " " " "	6" flange	✓		
Centre Line Bulkhead.				
Stiffeners and Spacing				
Plating, thickness of	.39/.50	✓		
STRINGERS AND DECKS.				
Uppermost Continuous Deck.				
Stringer Plate, breadth and thickness in Wells	78 x .78	✓		
" " " " in way of Bridge	78 x .94	✓		
" " " " in way of Bridge	7 7 .71	✓		
" Angle in Wells	64 x .75	✓		
Thickness of Plating abreast Deck openings in way of Wells	.64/.75	✓		
Thickness of Plating abreast Deck openings in way of Bridge	.64/.75	✓		
Thickness of Plating within line of openings	.64	✓		
If Sheathed, material and thickness	No	✓		
Second Deck.				
Stringer Plate, breadth and thickness in Wells		✓		
Stringer Plate, breadth and thickness in way of Bridge		✓		
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.				
Stringer Plate, breadth and thickness		✓		
Plating, Sheathing, material and thickness		✓		

## SHELL PLATING.

x Seams parallel to  $\Phi$ .

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	No 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	.98	.78	.78		Butt Welded		Butt Welded				
„ Dblg. (if any)	-	-	.77 long ft.	.66	to Stem frame							
Bottom Plating, No. of Strakes .....3.....		.67	.73 trans.	.53	" " "	Butt Welded		Butt Welded				
Bilge Plating, No. of Strakes .....2.....		.68	.50	.50	" " "	Double 7/8 3 1/3		"				
Side Plating, No. of Strakes .....3.....		.62	.48	.48	" " "	Double 7/8 3 1/3		"				
Upper Deck, Sheer- strake in Wells.....	63	.88	.48	.48		Double 1 3 3/4		"				
Upper Deck, Sheer- strake in Bridge.....	63	1.12				Double 1 3 3/4		"				
Strake below Sheer- strake in Wells.....	66	.82	.48	.48		Double 1 3 3/4		"				
Strake below Sheer- strake in Bridge ...	-	-	-	.40		Single 7/8 3 1/3		Butt Welded				
Poop Side Plating.....						Single 7/8 3 1/3		"				
Bridge Side Plating.....		.43				Single 7/8 3 1/3		"				
Forecastle Side Plating			.44			Single 7/8 3 1/3		"				
						FORGINGS AND CASTINGS.						

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—  
 Extending to Upper Deck (Sec. 3 c) *Thirteen*  
 " Deck next below *✓*  
 " As per Rule *✓*

		STIFFENERS.				Speed of Vessel		
		VERTICAL.		HORIZONTAL.		RUDDER—Type	Simplex.	Built by
		Scantlings.	Spacing.	Scantlings.	Spacing.			
MIDSHIP BULKH'D,	Upper 'tween decks	.40 ✓	T	Side Th. 9/16	27 x 40 & 8 x 50 ft ✓	A x D	408 ✓	Colville
		.51 ✓	9 x 4 x 56	2'9"	30 x 40 & 8 x 50 "	Diam. of head	11 5/8 ✓	Constructional
	Second Tanks			Ch. Th. 9/16	36 x 40 & 8 x 50 ft ✓	Mainpiece at top pintle	12" ✓	Co. Ltd.
					36 x 40 & 10 x 50 ft ✓	heel	11 3/4 ✓	
						how constructed	Welded ✓	
COLLISION	Holds		T	2 Semi box beams.		double or single plate coupling, vertical or horizontal	Double ✓	Horizontal ✓
	1 Deep Th. 54.46	9 x 4 x 43 ✓	1/33" ✓	2 Deep T. top				
	(in Hold) 41.38	7 x 4 x 50 ✓		2 O.T. plates				
AFTER PEAK		34.28	8 x 4 x 40 ✓	27" ✓	2 T. top			
		46.75	6 x 3 1/2 x 48 ✓					
		37.33	5 x 3 x 44 ✓					
		30						
Built and used in the construction of the Vessel (state process of manufacture)						Open Hearth		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open Hearth*  
*South Durham Steel & Iron Co., Dorman Long, Appleby Foddingham, Skinningrove Iron Co., Ltd.*  
 Has the Steel been tested as required by the Rules? *Yes.*



Rpt. 1\*.

0119, 3/3



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.	cwt.	qrs.	lbs.	Cwts.			Fathoms	Inches	Diameter
4385	1st Bower	77	0	7	-	-	-	57	8	3	.		Byers Stockless	S. Taylor & Sons L.P.H. Netherton (Brisling Hill) Ltd	10.2.1949 W.A. Norman		
4387	2nd "	77	0	0	-	-	-	57	5	.	.		"	"	"	"	"
4386	3rd "	65	1	14	-	-	-	51	5	.	.		"	"	"	"	"
	Collective weight	219	1	21	-	-	-					219 1/2					
4376	Stream	22	1	14	5	2	21	22	13	.	14	22	Rodgers Stock	"	L.P.H. Netherton	31.1.1949 W.A. Norman	

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.	
	Fathoms	Inches	Tons	Cwts.	qrs.	lbs.	Cwts.	Fathoms	Inches						Fathoms	Inches	Tons	Fathoms	Inches
8994	300 3/4	2 3/16	120 1/2	18 1/2	770	0	21	890 1/4	300 2 3/16	Tayco S.S. Link	S. Taylor & Sons L.P.H. Netherton (Brisling Hill) Ltd	29.12.1948 W.A. Norman	STEEL RAILWAY LINE	130	5 1/4	77.5	130	5 1/4	
													HAWSERS & WARPS	4 e	2 3/4	15.2	4 c	2 3/4	
														100			100		
	Iron Stream Chain or Steel Wire	120	5	52.8				120	5										

Steering Gear, Type (Power or hand) Steam by Donkin Alternative Means of Steering Double hand wheel on poop

Steering Chains (Size and Test) Windlass Clark Chapman Boats Motor. 1 dinghy

Holds, thickness and material None Cargo Battens, thickness, material and spacing None

Hatchways.—(Upper Deck) 32 x .43 Coaming Stiffened at sides Thickness of Hatches .63 steel cover

Hatchways No. 1 (Fwd.) No. 2 No. 3 No. 4 No. 5 No. 6

of Shifting Beams } Fore and Afters }

Builder's Signature FOR AND ON BEHALF OF THE GENERAL MANAGER

AL 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 Tanker 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).

This vessel has been built in conformity with the Society's Rules & Regulations & the Surveyor's letters. The scantlings & arrangements are in accordance with or equivalent to those shown on the approved plans. The materials & workmanship are good. The weather deck, cargo tanks, cofferdams, peak tanks, oil fuel tanks & double bottom tanks have been examined as required by the rules & found satisfactory. The vessel is fitted for the carriage of oil fuel, having a point above 150°F in the double bottom below the engines, in wing tanks at sides of engine room, the aft peak tank & the deep tank forward & the applicable requirements of Sec. 20 of the Rules have been complied with. Fresh water is carried in the double bottom in the Engine Room and in a tank along the upper deck. Lubricating oil is carried in a centre line tank below the Engines. Winches & main & auxiliary steering gears have been tested under working conditions & found satisfactory. The assigned pebbles have been marked, verified, cut in & painted on the vessel's sides. Vessel last seen in drydock 7.2.1950. The cargo tank heating coils have been tested per Rule requirements.

The amount of Entry Fee..... £ Fees applied for,

Freight and Discharge 34-0-0 ✓ NOT YET Received by me,

Special Survey Fee..... £ 1211-0-0 ✓

Travelling Expenses, if any ..... £ 1-13-0 ✓

I am of opinion the Vessel should be Classed +100A1 Carrying petroleum in bulk.

Signature H.J. Adams W.T. Sumner Surveyor to Lloyd's Register of Shipping.

State whether the Vessel has been built under Special Survey Yes

Certificate to be sent to NEWCASTLE-BR-TYPE Date of issue 8/6/50.

Committee's Minute FRI. 21 APR 1950

Character assigned +100A1 "Carrying Petroleum in bulk"

2.50 Bly. LMC 2.50 Lib Eng. Subject

Lloyd's A.C.P. G.L. (with endorsement)

White Line (H.M.S.) 2 DB 180lb.

Note for SP.R.I.

Lloyd's Reg 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.)

As fitted plans now forwarded.

Midship Section.

Profile and decks (2)

Approved plans now forwarded

Midship Section

Profile & decks (Midships)

" " (ends)

Keel, centre girder, &c.

Stern Frame

Cast Steel Back Post

Fabricated rudder

Rudder bearings

Position of upper rudder bearing

Shell Expansion I

" " II

" " III

Aft end scantlings

Aft end framing (Peak)

Main Engine Seals & D. Str. in E.R.

Framing in Engine Rm.

Fore end framing

Transverse Bulkheads I

" " II

Longitudinal Bulkheads

Engine & Boiler Casings

Deckhouse on Poop & Boat dk aft.

Welds in Eng. Rm.

Tank hatches.

Assembly & welding.

Sundry casting reports now forwarded.

Last date seen in drydock 7.2.1950

PARTICULARS OF ELECTRIC WELDING (if employed) Butts & seams of bottom shell, butts of bilge & side shell, butts of upper dk, seams of upper deck (act. seams single riveted plus weld), butts & seams of poop, bridge & f'de decks, butts, seams & boundaries of longl. & transv. blds., bulkhead stiffeners, bulkhead & shell stringers, webs & transverses, centre bottom girder, double bottom in Mach. space.

Electrodes:—Rockwell "Vertend" & "Flerend", Quasi Arc "Deepweld", Act Arc "Monarc" Fusarc "Seamec".

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book Carrying Petroleum in Bulk, Longitudinal framing at bottom & deck, Part electrically welded, Cruiser stern, Wireless, Direction finding, Echo Sounding, Radar.

RADAR Equipment (State if fitted) Yes

State Type or Pattern No. Model 4NB1B-1

State Name of Maker and/or Supplier General Electric

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

1st Bower 42.1.0. J.S.C. 3630. 4.7.47.

2nd " 42.0.7. J.S.C. 3629. 4.7.47.

3rd " 37.2.22. J.S.C. 3689. 5.12.47.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 91.0 ft., R.Q.D. — ft., Bridge 32.5 ft., Forecastle 60.5 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. — Signal Letters OWKU Extreme Breadth over Belting 62' 10 1/2" Over-all Length 479' 6 1/2"

No. and Material of Decks Upper deck (steel), Poop, Bridge & f'de decks (steel)

Parts of Bottom of Vessel coated with cement or approved composition Forward & Aft Peaks.

Particulars of composition (if fitted) and of approval Semtex in accommodation

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,			Fore peak tank,		<u>91.3</u>
Double bottom, under Engines and Boilers, <u>ft 10.19</u>	<u>20.0</u>	<u>31.7</u>	After peak tanks <u>5</u>		<u>214.3</u>
Double bottom, if under Engines only <u>ft 21.42</u>	<u>52.5</u>	<u>150.4</u>	Deep tank, aft, <u>Wing in Machy Sp.</u>	<u>20.0</u>	<u>386.0</u>
Double bottom, if under Boilers only,			Deep tank, forward,	<u>32.0</u>	<u>554.5</u>
Double bottom, forward, <u>incl. openings</u>			Other tanks, if fitted,		
Total length (if continuous) and Capacity	<u>77.5</u>	<u>182.1</u>	(If necessary furnish further information by sketch.)		

Order for Special Survey No. 5860

Date 29/6/48

Dates of Surveys held while building

1948: JUNE 7, 9, JULY 6, 15, 23, 29, AUG. 9, 12, 16, 17, 20, 23, 25, 26, 27, 31, SEPT. 2, 6, 9, 15, 17, 21, 27, 29, OCT. 5, 8, 11, 13, 19, 23, 27, NOV. 3, 8, 17, 22, 30, DEC. 4, 10, 17, 20, 24, 26, 28, 29, NOV. 2, 8, 14, 5, 7, 8, 10, 11, 14, 15, 16, 17, 22, 25, 30, DEC. 1, 2, 5, 7, 12, 13, 14, 16, 20, 22, 23, 28 (1950) JAN. 4, 16, 9, 10, 11, 12, 13, 16, 18, 19, 23, 24, 27, 29, 30, FEB. 1, 4, 7, 9, 16, 18

Total No. of Visits 173-174

Lloyd's Register Foundation