





# 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> .....			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 .....	.34	✓
„ „ „ „ „ „			Thickness of Plating abreast Deck openings in way of Bridge.....		
„ in Holds „ „ „			Thickness of Plating within line of openings...	.32	✓
„ „ „ „ „ „			If Sheathed, material and thickness.....	NOT SHEATHED	✓
<b>Centre Line Bulkhead.</b>			<b>Third Deck. [IN WAY OF REFRIG. HOLD]</b>		
Stiffeners and Spacing .....	AS APPROVED	✓	Stringer Plate, breadth and thickness.....	ALL PLATING	
Plating, thickness of .....	HOLDS - .30" ✓ T.D.K.5 - .26" ✓		If Plated, state thickness .....	.30	✓
<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	56 ✓ .57 ✓		If Plated, state thickness.....		
„ „ „ „ „ in way of Bridge			<b>Poop Deck.</b>		
„ Angle in Wells .....	5 x 5 x .57 ✓		Stringer Plate, breadth and thickness.....	PLATING .26" ✓ EXCEPT AT STERN .30" ✓ SHEATHING OVER CREW ACCOM 2 1/2" O.P. ✓	
Thickness of Plating abreast Deck openings in way of Wells .....	.44 ✓		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...	.36 ✓		Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness.....	NOT SHEATHED ✓		Plating, Sheathing, material and thickness .....	PLATING .34 ✓ .44 UNDER WINDLASS ✓	
<b>Second Deck.</b>			<b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness in Wells	47 x .38 ✓		Stringer Plate, breadth and thickness.....	3 1/2" PITCH PINE BED UNDER WINDLASS ✓	
			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? NO.	SINGLE OR DOUBLE.	RIVETS.		No. of Rows of RIVETS.	RIVETS.		STRAPPED 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.....	49 ✓	.70 ✓	.62 ✓	.62 ✓		DOUBLE ✓	7/8 ✓	3 1/2 ✓					
„ Dblg. (if any)	NONE ✓												
Bottom Plating, No. of Strakes 4.....	DUBA E	72	.54 ✓	.59 ✓	.54 ✓	} DOUBLE ✓	7/8 ✓	3 1/2 ✓	} ALL SHELL BUTTS				
		78	.54 ✓	.58 ✓	.54 ✓								
Bilge Plating, No. of Strakes 2.....	F	63	.54 ✓	.50 ✓	.52 ✓	} DO ✓	7/8 ✓	3 1/2 ✓	} ELECTRICALLY WELDED				
		72	.54 ✓	.50 ✓	.54 ✓								
Side Plating, No. of Strakes 3.....	G H	72	.54 ✓	.44 ✓	.54 ✓	} DO ✓	7/8 ✓	3 1/2 ✓	} EDGE TO EDGE BUTTS				
		72	.54 ✓	.44 ✓	.46 ✓								
Upper Deck, Sheer- strake in Wells.....	L	72	.54 ✓	.44 ✓	.44 ✓	} DO ✓	7/8 ✓	3 1/2 ✓	} NO OVERLAPS.				
		64 ✓	.62 ✓	.44 ✓	.46 ✓								
Upper Deck, Sheer- strake in Bridge ...													
Strake below Sheer- strake in Wells.....	K	62 ✓	.60 ✓	.44 ✓	.44 ✓	DOUBLE ✓	7/8 ✓	3 1/2 ✓					
Strake below Sheer- strake in Bridge ...													
Poop Side Plating.....				.46 ✓	.38 ✓								
Bridge Side Plating.....													
Forecastle Side Plating				.40 ✓									

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	15 SH. BK (157) 6 to Upper BK (183, 97, 82, 62, 54, 19)
Extending to Upper Deck (Sec. 3 c)	1 (COLLISION BULKHEAD) ✓
„ Deck next below	6 [ONLY BHP ON FR. 85 HAS BEEN COUNTED AS MIDSHIP BHP DUE TO SHORT LENGTH OF D.F. BUNKERS]
As per Rule.	6 ✓

## FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any De from A Plans to
<b>KEEL, Bar</b> .....				
<b>STEM</b> .....				
<b>STERN FRAME</b> { Propeller Post .....				
{ Rudder „ .....				
<b>Speed of Vessel</b> .....				
<b>RUDDER—Type</b> .....				
„ A x D.....				
„ Diam. of head .....				
„ Mainpiece at top pintle .....				
„ „ heel .....				
„ how constructed .....				
„ double or single plate coupling, vertical or horizontal .....				

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
ON FR. 85. O.T.					
<b>MIDSHIP BULKH'D, Upper 'tween decks</b>					
„ „ Second „					
„ „ Third „					
„ „ Holds .....					
<b>COLLISION</b> „ (in Hold) .....					
<b>AFTER PEAK</b> „ „ .....					

<b>STEEL.</b>	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	OPEN HEARTH ✓
	APPLEBY-FRODINGHAM STEEL CO. LD., CONSETT IRON CO. LD., SOUTH DURHAM STEEL & IRON CO. LD., SKINNINGROVE IRON CO. LD., DORMAN LONG & CO. LD., COLVILLES LD.	
	Has the Steel been tested as required by the Rules? 460. ✓	



EQUIPMENT No. 34133										LETTER 4		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.		
3653	1st Bower	61	0	21	✓	✓	✓	49	0	2	14	✓	60	✓	BYERS TYPE. CAST STEEL HEAD	SAMUEL TAYLOR & SONS (BRIERLY HILL) LD.	LPH. N. 16.4.47 J.A. RELF
3652	2nd "	60	0	0	✓	✓	✓	48	7	2	0	✓		✓	Do	Do	LPH. N. 16.4.47 J.A. RELF
3651	3rd "	51	0	14	✓	✓	✓	43	1	2	7	✓		✓	Do	Do	LPH. N. 16.4.47 J.A. RELF
	Collective weight	172	1	7	✓	✓	✓					✓	170 1/2	✓			
3654	Stream	17	2	21	✓	✓	✓	18	16	1	0	✓	16 1/4	EX STOCK	RODGERS [FORGED OPEN HEARTH INGOT STEEL]	Do	LPH. N. 15.4.47 J.A. RELF

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.						
	Fathoms	Diam.		Supplied.	Per Rule.	Fathoms	Diam.	Fathoms					Diam.	Fathoms		Diam.	Fathoms	Diam.	Fathoms	Diam.		
7412	270	5/16	✓	88.6	123.9	519	2	20	479	270	2 1/2	✓	TAYCO STUD LINK	SAMUEL TAYLOR & SONS (BRIERLY HILL) LD.	LPH. N. 11.4.47 J.A. RELF	TOWLINE	120	✓	4 3/4	✓	47.0	✓
33	1 JOINING & 1 END SHACKLE FOR 17/8"		✓	88.6	123.9	1	1	2		NI		✓	FOR TAYCO S LINK.	Do.	LPH. N. 11.4.47 J.A. RELF	HAWSERS & WARPS	180	✓	2 3/4	✓	15.2	✓
			✓									✓					180	✓	2 3/4	✓	15.2	✓
			✓									✓					180	✓	2 1/2	✓	13.2	✓

ing Gear, Type (Power or hand) ELECTRIC-HYDRAULIC BY DONKIN & CO. ✓

Alternative Means of Steering HAND GEAR FROM POOP. ✓

ing Chains (Size and Test) TELE MOTOR CONTROL [NO CHAINS] ✓

Windlass ELECTRIC BY CLARKE CHAPMAN & CO. ✓

in Holds, thickness and material 2 1/2" PINE LAID ON 1/2" BATTENS. ✓

Cargo Battens, thickness, material and spacing 15" CENTRES. ✓

Hatchways.—(Upper Deck) STEEL PLATES AND ANGLES. ✓

Thickness of Hatches 3 1/4" & 3" ✓

Hatchways No. 1 (Fwd.) 27'-11" x 21'-0" No. 2 37'-3" x 21'-0" No. 3 37'-3" x 21'-0" No. 4 37'-3" x 21'-0" No. 5 37'-3" x 21'-0" No. 6 21'-0" x 4'-6" ✓

TONNAGE HATCH.

er of Shifting Beams } 4 ✓ 5 ✓ 5 ✓ 5 ✓ 5 ✓

or Fore and Afters }

Builder's Signature RYTH DRY DOCKS & SHIPBUILDING CO. LTD.

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. no ✓

(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).

This ship has been built in conformity with the Society's Rules and Regulations and the Secretary's letters. The scantlings and arrangements are in accordance with and equivalent to those shown on the approved plans. The materials and workmanship are good. The fore and after peaks, deep oil fuel tanks and all double bottom tanks and coffer dams have been tested by water pressure and found satisfactory. The watertight bulkheads, tunnel and weather decks have been hose tested and found satisfactory. The windlass, steering gear, hand steering gear and pumping arrangements have been tried and found satisfactory. The watertight door in the machinery space has been satisfactorily tested. The assigned freeboards have been marked on the vessels sides, verified, cut in and painted.

Vessel examined in drydock on the 18th March 1948.

Any De from A Plans to

he amount of Entry Fee..... £ : : Fees applied for, 4 MAY 1948

Special Survey Fee..... £396- ✓

Issue of board line cert 14- ✓

Travelling Expenses, if any ..... £ : : Received by me, 19

I am of opinion the Vessel should be Classed 100 A1 WITH FREEBOARD. ✓

ate whether the Vessel has been built under Special Survey YES.

rtificates to be sent to NEWCASTLE-ON-TYNE Date of issue 22/10/48.

Signature W.T. Burns. Surveyor to Lloyd's Register of Shipping.

ommittee's Minute ✓ FRI. 21 MAY 1948

haracter assigned +100 A1 with freeboard

3.48 Bly.

Lloyd's A.T.C.

T.L.M.C 3.48 Oil Eng.

0.G.

note NXC.



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.)

Copies of the approved plans in London Office.

Forgings certificates as enumerated below are forwarded.

Certificates to 16219:- Stem frame.  
" " 16222:- Rudder.  
" " 6590A:- Main Deck  
" " 9174:- Quadrant & Pinion  
" " 9172:- Trunnion.

Copies of steel invoice also forwarded.

PARTICULARS OF ELECTRIC WELDING (if employed) BUTTS OF SHELL PLATING — BUTTS OF SHELTER DECK PLATING, — SECOND DECK COMPLETELY WELDED, INCLUDING BEAMS TO DW, — BULKHEADS COMPLETELY WELDED — TANK TOP PLATING COMPLETELY WELDED — SOLID FLOORS TO TANK TOP & MARGIN PLATE — BRACKET FLOORS TO SHELL, TANK TOP & MARGIN — BRACKET FLOOR REVERSE FRAMES TO TANK TOP — CENTRE GIRDER TO SHELL, TANK TOP, & FLOORS, — LONGIT. GIRDERS TO TANK TOP — TANK SIDE BRACKETS TO MARGIN — MARGIN PLATE TO SHELL — CONTINUOUS GUSSETS TO MARGIN — MAIN & AUXILIARY MACHINERY SEATS — DECK HOUSES & CASINGS — HATCH BEAMS — ALL WELDING EXECUTED WITH APPROVED ELECTRODES.

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

RADAR — E.S.D. — LLOYDS A & C.P. — CRUISER STERN — PART ELECTRIC WELDED — D.F. — GYRO COMPASS.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	33/0/0	J.C.	3489	20.9.46	THIS CERTIFICATE ISSUED AT ANTWERP AND SUBSEQUENTLY ENDORSED BY J.A. RELF ON 16.4.4 AS FOLLOWS "WEIGHT OF HEAD 32-1-18" " " " SHANK 18-2-24"
	2nd "	33/1/0	J.C.	3491	20.9.46	
	3rd "	29/0/4	W.H.	5841	24.7.36	

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 21.08 ft., R.Q.D. — ft., Bridge — ft., Forecastle 26.28 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 — Extreme Breadth over Belting NO BELTING — Over-all Length 405'-6" —

No. and Material of Decks UPPER & SHELTER DECKS — STEEL — LOWER DW, STEEL IN WAY OF INSULATED HOLD.

Parts of Bottom of Vessel coated with cement or approved composition NO 7 D.B. TANK CEMENT WASHED — REMAINDER OF BOTTOM WIRE BRUSHED AND COATED WITH MINERAL OIL.

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. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft, FOS 10-61	119.0	288.5	Fore peak tank,		33.0
Double bottom, under Engines and Boilers,			After peak tank,		100.0
Double bottom, if under Engines only, FOS 61-81	46.66	214.5	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward, FOS 81-157. 168.0	168.33	528.0	Other tanks, if fitted,		
Total length (if continuous) and Capacity.	333.66	1031.0	(If necessary furnish further information by sketch.)		

Order for Special Survey No. 5813

Date 19/9/46

Dates of Surveys held while building

1946/AUG. 22, SEPT. 12, 17, 20, 24, OCT. 1, 3, 4, 15, 23, 30, NOV. 5, 6, 7, 14, 18, 22, 27, 29, DEC. 2, 3, 9, 11, 12, 13, 18, 20, 30/1947/JAN. 9, 13, 17, 21, FEB. 5, 11, 19, 20, 21, 26, APR. 1, 9, 15, 18, 22, 26, 29, MAY 1, 6, 8, 12, 14, 15, 16, 19, 22, 27, 28, 30, JUNE 3, 5, 6, 9, 10, 11, 12, 13, 16, JULY 2, 4, 8, 9, 22, 29, AUG. 6, 12, 13, 22, 26, SEPT. 2, 10, 16, 18, OCT. 7, 20, 22, 24, 28, 30, NOV. 4, 12, 19, 21, 24, 26, DEC. 5, 11, 19, 29/1948/JAN. 9, 13, 20, 27, 28, FEB. 2, 6, 13, 17, 19, 24, 26, MAR. 1, 3, 5, 11, 16, 18, 19, 20, 22, 23, 24, 25, APR. 1, 3.

Total No. of Visits 133

Lloyd's Register Foundation