

PILLARS AND DECKS.

		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.	
		m. m.			
PILLARS, No. of Rows					
"	in 'tween Decks, Size and Spacing	Built			
"	" " " " "	fixed			
"	" " " " "	in concrete			
"	in Holds " " " "	in C.L.			
"	" " " " "	bulkhead is			
"	" " " " "	per plan			
Centre Line Bulkhead.					
Stiffeners and Spacing		Hull 150 75 8 ✓			
		T.D. 115 65 7 ✓	BA		
		Spaced 1400 ✓			
Plating, thickness of		10 + 6.5 ✓			
STRINGERS AND DECKS.					
Uppermost Continuous Deck.					
Stringer Plate, breadth and thickness in Wells		1160 x 11 ✓			
" " " " in way of Bridge		9 as end ✓			
" " " " " reserve bulkhead opening		16 ✓			
" Angle in Wells		E.W. to shell ✓			
Thickness of Plating abreast Deck openings		M1 - 7.5 + 15 ✓			
in way of Wells		M2 - 8.5 + 20 ✓			
Thickness of Plating abreast Deck openings		M3 - 8.5 + 20 ✓			
in way of Bridge		✓			
Thickness of Plating within line of openings		7.5 ✓			
If Sheathed, material and thickness		Not sheathed ✓			
Second Deck.					
Stringer Plate, breadth and thickness in Wells		990 x 8.5 ✓			
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.					
Stringer Plate, breadth and thickness		690 x 7.5 ✓			
Plating, Sheathing, material and thickness		7.5 ✓			
		Not sheathed ✓			

SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	RIVETS.	No. of Rows of RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					SINGLE OR DOUBLE.	Diam.	
Flat Plate Keel.....	1150	1 1/2	13	13		D.R.	22 x 4 D				
„ Dblg. (if any)											
Bottom Plating, No. of Strakes A.B.C.	1950	12	16	9		D.R.	19 x 4 D			E.W.	
Bilge Plating, No. of Strakes D.	1677	12	11	9		D.R.	" "				
Side Plating, No. of Strakes E.F.G.	1600	E 12	16	9	9 strake angled	"	" "				
	2000	F 11	16	9	for bulkhead	"	" "				
	2000	G 11	9	9	for bulkhead	"	" "				
Upper Deck, Sheer- strake in Wells..H.	2000	12	9	9		"	" "				
Upper Deck, Sheer- strake in Bridge ...											
Strake below Sheer- strake in Wells											
Strake below Sheer- strake in Bridge ...											
Poop Side Plating.....											
Bridge Side Plating.....											
Forecastle Side Plating			8	8		S.R.	16 x 3 S D			E.W.	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel— 5
 Extending to Upper Deck (Sec. 3 c) (2)
 „ Deck next below (3) { openings in T.D.
 bulkheads p.s.s.
 closed by fire
 steel plates
 As per Rule. Yes

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted
KEEL, Bar		Flat plate		
STEM <i>Soft iron</i>		22 mm flat	Riv. 25 x	
STERN FRAME	Propeller Post	Casting as per design		
	Rudder "	—		
Speed of Vessel		10 Knots ✓		
RUDDER—Type		Simplex Balance Rudder		
" A x D		118		
" Diam. of head		7aging 175 mm dia.		
" Mainpiece at top pintle		7aging 190 mm dia. ✓		
" " heel		7aging 190 mm dia. ✓		
" how constructed		Fabricated E.W. ✓		
" double or single plate		Double ✓		
" coupling, vertical or		As in cut sec ✓		
" horizontal				

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)..... *Open Hearth* ✓
Steel and plate Improved Thomas Steel
Has the Steel been tested as required by the Rules?.....

EQUIPMENT No. 20.007 + 390 LETTER S ✓

ANCHORS.

[illegible]

CHAIN CABLES.

HAWSERS AND WARPS.

[illegible]

Steering Gear, Type (Power or hand) Electric - Hydraulic ✓ Alternative Means of Steering Block + Tackles

Steering Chains (Size and Test) ☒ Windlass Siam ☒ Boats 2 { $26 \times 8.1 \times 3.3$
 $25.8 \times 8 \times 3.2$

Ceiling in Holds, thickness and material 2 1/2" w.w. (dressed in square) Cargo Battens, thickness, material and spacing 6 x 2 w.w. 12" s.p.

Cargo Hatchways.—(Upper Deck) 3 ✓ Thickness of Hatches 2 1/2" ✓

Size of Hatchways No. 1 (Fwd.) $22'9'' \times 16'$ No. 2 $46' \times 18'$ No. 3 $346' \times 18'$ No. 4 — No. 5 — No. 6 —

Number of Shifting Beams } 5 ✓ 11 ✓ 11 ✓

Builder's Signature

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*..... *M* ✓

(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).

A Special Survey in accordance with the rules for vessels not built under survey has been carried out. The vessel has been built (of pure Improved Thomas Steel) to Germanischer Lloyd Rules for "Class A.L. + 100 A (E) with freeboard, Strengthened for Navigation in Ice". Rivets have been removed from various parts and the workmanship and material found satisfactory. The electric welded connections have been specially examined and appear sound and in accordance with good practice. The structural parts constructed of "Improved Thomas Steel" have been specially examined and found in good order. A Report 8 will be forwarded on completion of repairs, recommending notation
S.S. Cb 5-48

The amount of Entry Fee.....	£	:	:	} Fees applied for, 19.....
Special Survey Fee.....	£	:	:	
<i>See letter 64 - -</i>				} Received by me, 19.....
Travelling Expenses, if any	£	:	:	

(Special notations, where part of class, to be stated.)

" Subject To Annual Examination

I am of opinion the Vessel should be Classed 100 A
with free board

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

Certificate to be sent to Gen. Co Ltd. Gls Date of issue 28/4/49

Signature J. C. Hendree
 Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Character assigned

FBI. 23 JUL 1948

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 parts of the structure are constructed of
"Imperial Thomas Steel" viz: Floors, bulkheads, sharp turner,
sheer stringer, second deck, upper braced hatchways only,
casings, deck houses and all structural members, including
frames, the remaining parts being of Open Heart Steel.
The following parts of the vessel have been E.W. viz: shell
butts, deck butts, stringer to shell, d.b. tank top, bulkheads,
intermediate to frames, hatch casings, deck houses, engine
rooming.

DOUBLE BOTTOM: 700mm = 2.296' 600mm = 1.968'

Aft 31' @ 700mm 14/45 = 71.146'

" 5' @ 600mm 9/14 = 9.840'

U.E.B. 21' @ 700mm 45/66 = 48.216'

Fwd 50' @ 700mm 66/116 = 114.800'

PARTICULARS OF ELECTRIC WELDING (if employed)

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

"Subject to Annual Examination"

Cause stem, butts of shell & deck plating
and part internal E.W. 1 lb. & Shell d.b.
Welders, Echo sounding device.

RADAR Equipment (State if fitted)

State Type or Pattern No.

State } Maker
Name } and/or
of } Supplier

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

1st Bower

2nd "

3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. — ft., Bridge — ft., Forecastle 31.00 ft.

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

Official No. 180848

Signal Letters GFSW

Extreme Breadth over Belting

(Circ. 1611)

Over-all Length 301.2

(Circ. 1703)

No. and Material of Decks

1 Deck & Shell deck, steel

Parts of Bottom of Vessel coated with cement or approved composition

Dry tank man holes

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,	81.02	133.25	Fore peak tank,	20.6	57.4
Double bottom, under Engines and Boilers,	48.22	85.00	After peak tank,	25.2	92.0
Double bottom, if under Engines only,	(B.R. dry tank)		Deep tank, aft,	—	—
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	—	—
Double bottom, forward,	114.80	254.2	Other tanks, if fitted,	—	—
Total length (if continuous) and Capacity	244.04	472.45	(If necessary furnish further information by sketch.)		

Order for Special Survey No.

Date

Dates of Surveys
while building

Apr. 13, 14, 15, 16, 19, 20, 21, 23, 26, 27

May 3, 5, 7



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Lloyd's Register
Foundation

Total No. of Visits

13

S.S. "EMPIRE CONSENT". Cardiff 1st. Entry Rpt. 56110.

RETESTED		EQUIPMENT No.										LETTER				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.					
23339	1st Bower	38	2	14	✓			34	17	3	7	38. 3. 0.	Gruson type			LPH-BC	
23340	2nd „	37	1	14	✓			34	0	2	14	✓	Stockless			12-5-48	
	3rd „															F.W.Dovey. ✓	
	Collective weight				✓							110. 0. 0.					
23341	Stream	12	2	14	✓			14	8	1	21	✓ 10 ex stock	do.			do. ✓	

CHAIN CABLES. 12.5 chicken

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.	Statury.	Break-ing.	Supplied.			Length.	Diam.					Length.	Cir.		Length.	Cir.
	Fathoms	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Ins.					Fathoms	Ins.	Tons.	Fathoms	Ins.
0788	30 $\frac{1}{3}$	1 $\frac{3}{4}$	55 $\frac{1}{8}$	7 $\frac{1}{8}$	48	3	12	39 $\frac{1}{4}$	240	1 $\frac{13}{16}$	Stud	-	LPH-BC	90	4	44.9	90	4
Retest													13-5-48					
44483	21 $\frac{5}{16}$	1 $\frac{3}{4}$	"	"	35	1	18			"		do. ✓	F.W. Dovey					
		Cir.																
							400.3.2											
Iron Stream	75	4 $\frac{1}{2}$	58.6					75	4 $\frac{1}{2}$									
Un X Steel Wire																		

0093 3/3

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