

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	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	✓	
Centre Line Bulkhead. Hold (from aft) 12 8½ 45 ✓			Third Deck.		
Stiffeners and Spacing 70 9 8½ 38 ✓			Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of 30 ✓			If Plated, state thickness.....	✓	
70 26 ✓			Fourth Deck.		
STRINGERS AND DECKS.			Stringer Plate, breadth and thickness.....	✓	
Uppermost Continuous Deck.			If Plated, state thickness	✓	
Stringer Plate, breadth and thickness in Walls 65½ x 65 ✓			Fifth Deck.		
" " " " in way of Bridge ✓			Stringer Plate, breadth and thickness	✓	
" Angle in Walls 6 6 60 ✓			If Plated, state thickness	✓	
Thickness of Plating abreast Deck openings } in way of Wells 58 ✓			Poop Deck.		
Thickness of Plating abreast Deck openings } in way of Bridge ✓			Stringer Plate, breadth and thickness	✓	
Thickness of Plating within line of openings... 40 ✓			Plating, Sheathing, material and thickness ...	✓	
If Sheathed, material and thickness	✓		Bridge Deck.		
Second Deck.			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Walls... 82½ x 38 ✓			Plating, Sheathing, material and thickness ...	✓	
			Forecastle Deck.		
			Stringer Plate, breadth and thickness.....	36 ✓	
			Plating, Sheathing, material and thickness ...	32 (un sheathed) ✓	

SHELL PLATING.

SCANTLINGS.					RIVETING. (As in Ships).								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>No. 1</i>			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	<i>54</i>	<i>.80</i>	<i>.70</i>	<i>.70</i>		<i>Double.</i>	<i>7/8</i>	<i>3 1/2</i>	<i>Triple.</i>	<i>7/8</i>	<i>4</i>	<i>3l. double strakes & bulwark all in strake.</i>	
„ DELG. (if any)	<i>✓</i>								<i>As per plan approved 19.11.40.</i>				
BOTTOM PLATING, No. of Strakes <i>14</i>	<i>A.C.O. 8</i>	<i>.65</i>	<i>.50</i>	<i>.50</i>		<i>Double.</i>	<i>7/8</i>	<i>3 1/2</i>	<i>Four.</i>	<i>7/8</i>	<i>3 1/2</i>	<i>A.B.C. Lapped. 0. inside strake.</i>	
BILGE PLATING, No. of Strakes <i>1</i>	<i>E.</i>	<i>.64</i>	<i>.50</i>	<i>.50</i>		<i>„</i>	<i>7/8</i>	<i>3 1/2</i>	<i>Four.</i>	<i>7/8</i>	<i>3 1/2</i>	<i>inside strakes.</i>	
SIDE PLATING, No. of Strakes <i>14</i>	<i>F.G. H.T.</i>	<i>.60</i>	<i>2 45</i>	<i>.45</i>		<i>„</i>	<i>7/8</i>	<i>3 1/2</i>	<i>Three.</i>	<i>7/8</i>	<i>3 1/2</i>	<i>Lapped.</i>	
UPPER DECK, Sheer-strake in Wells.....	<i>K. 7 1/2</i>	<i>.73</i>	<i>.46</i>	<i>.46</i>		<i>„</i>	<i>„</i>	<i>„</i>	<i>Four.</i>	<i>1</i>	<i>4</i>	<i>„</i>	
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													

4 3 strakes of bottom sheer .70 forward of 2 1/2 forward L. Collision Bulk.

Q Side Sheer in plating area .54 in line of side stringers.

See plan.

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—		Plating Thickness.		STIFFENERS.				Casting or Forging.		Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
Extending to Upper Deck (Sec. 3 c)		Deck next below		VERTICAL.		HORIZONTAL.						
As per Rule				Scantlings.	Spacing.	Scantlings.	Spacing.					
14, 24, 58, 87, 109, 133, 161		26		5-3/4	42L	31						
MIDSHIP BULKHEAD		Upper tween decks										
" " Second												
" " Third												
" " Holds		39, 30, 26		12-3/4	45L	30						
COLLISION		(in Hold)		161	53-30	10-3/4	45L	44				
AFTER PEAK				9	75, 31, 30	9-3/4	45L	24				
STEEL.		Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)										
		Kumagata, On Co. Appleby, Mary Graham. South Durham. Corb. Heat.										
		Has the Steel been tested as required by the Rules?										

EQUIPMENT No 40052-75 ✓										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.	
24022	1st Bower ...	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	Hydra Stockless	-	L.W. 13/1/42 Green.	
24045	2nd " ...	68	0	4	✓	-		52	15	2	14	✓ 68	do.	-	L.W. 22/1/42. Green.	
	3rd " ...											58 1/2				
	Collective weight.											194 1/2				
54922 ✓	Stream	19	0	0	✓	4	3	22	19	17	2	0	19	Don. Foyed W.T.	-	C.H. 17/4/42 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.	
116863	Fathoms. Diam.	Stations. Break-ing.	Cwts.	qrs.	lbs.	Cwts.	Fathoms. Diam.					Fathoms. Cir.	Tons.	Fathoms. Cir.	
	225 2 1/4	96.25 134.75	602.2.0			720.75	270 2 1/4	<i>Shd.</i>		<i>Wals. 7/6/42 Ref.</i>	TOWLINE.	120 4 1/4	64.6	120 4 1/4	
											HAWSERS & WARPS	2090 2 1/4	15.2	2090 2 1/4	
												2090 2 1/2	13.2	2090 2 1/2	
Stream	90 5		524				90 5								

Steering Gear, Type (Power ~~on hand~~) *Electric (Steam telegraph).* Alternative Means of Steering *Blocks & tackle from sp. wind.*

Steering Chains (Size and Test) *✓* Windlass *Emerson Walker & Co.* Boats *1. 26.3 lower motor. 1. 26.0 " lifeboat. 2. 22.0 " "*

Ceiling in Holds, thickness and material *2 1/2" oak, lugs only T.T. + .08 in way hatchways.* Cargo Battens, thickness, material and spacing *not fitted.*

Cargo Hatchways.—(Upper Deck) *Steel plates & angles.* Thickness of Hatches *2 1/2" & 3"*

Size of Hatchways No. 1 (Fwd.) *31'6" x 20'* No. 2 *31' x 20'* No. 3 *31' x 20'* No. 4 *12'11" x 20'* No. 5 *31' x 20'* No. 6 *31' x 20'*

Number of Shifting Beams and/or Fore and Afters *5 - 5 - 5 - 1 - 5 - 5*

Builder's Signature

A.R. Pinner
MANAGING DIRECTOR

23.7.42.

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 *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 vessel has been built in accordance with the approved plans. The Superintendent's Letter of various dates in general conformity with the requirements of the Rules. The materials & workmanship are good. The double bottom & first tanks have been tested by water pressure, & the W.M. Bulkheads, weather decks & tunnel have been hose tested as required by the Rules & found satisfactory. The pumping arrangements have been tested. The windlass, steering & auxiliary steering gear have been operated under working conditions as the vessel lay at the Builder's Quay & found satisfactory. The original freeboards have been marked on the vessel's sides, verified & cut in. Ladders, directional buoys, & sounding device fitted. The equipment of anchors & cables has been reduced in accordance with the Emergency requirements & per Superintendent's Letter. Work hatch covers are not fitted to the 2nd deck hatchway. Cargo battens are not fitted in the holds or tween decks.

The amount of Entry Fee £ 10

Fees applied for,

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

Special Survey Fee.... £ 375: 18: 0

Superior in Specification 93 19 6

Freeboard 18 - -

Received by me,

19.

I am of opinion the Vessel should be Classed *+ 100 A.I.*

with freeboard.

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

Signature

A.R. Pinner

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Harwich. n. 42* Date of issue *25/8/42.*

Committee's Minute

Character assigned

+ 100 A.I.

With freeboard

Lloyd's acc. to S.R.L.

Write note

note for S.R.L.

0093 2 1/2

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.)

Partially fabricated. 8" Type Standard vessel, steelings similar to same
 Builders No 526. Empire Forest. Newcastle Report No 100299.

Plans
 Rudder frame.
 Buckhead Keel.

Fore and framing.

Watchways & deck girders.

Aft and framing.
 Midship Section.

Propeller & shafts.

Wry. B/bs.

Watch and beams.

Aft and framing.

Strengthening of bottom forward.

Bracing & bracing in painting area.

Shell expansion.

Certificate.

Signature

Rudder head & frame.

PARTICULARS OF ELECTRIC WELDING (if employed)

Notes.
 2nd deck stringer closing plates to shell & frames. - Buckhead brackets to tank top -
 Curvature to margin plates. - Alternate built of flat plate Red.

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

Cargo bottoms not fitted - E.S.D. - D.F.

Cruiser stern. - Lloyd's A.T.P.

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

1st Bower
 2nd "
 3rd "

Weight 144-2-16 (4 pins) - K.L. - 4348 - 25/10/41.
 " 43-1-0 (") - K.L. - 4349 - 25/10/41.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. ft., Bridge ft., Forecastle 39.23 ft.

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

Official No. 169046.

Signal Letters

B.D.X.X.

Extreme Breadth over Belting

Over-all Length

446' 4 1/2"

No. and Material of Decks

2 decks (Steel).

Parts of Bottom of Vessel coated with cement or approved composition

Painter Room double bottom tank shutters only.
 Remainder double bottom tanks cannot be worked.

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,	111.08	305	Fore peak tank,	20	110
Double bottom, under Engines and Boilers,	28.42	130	After peak tank,	20	108
Double bottom, under Engines only,	18.08	85	Deep tank, aft,	-	-
Double bottom, under Boilers only, (dry)	209.45	825	Deep tank, forward,	-	-
Double bottom, forward,	364.33	1345	Other tanks, if fitted,	-	-
Total length (if continuous) and Capacity	1260		(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 5635

Date 25.9.41

Dates of Surveys held while building

1941. Sept. 4. 18. 15. 16. 25. Oct. 3. 6. 16. 27. Nov. 11. 21. Dec. 2. 8. 11. 18. 22. 23. 29. 1942. Jan. 2. 12. 14. 27. 30
 Feb. 6. 13. 24. Mar. 12. 17. 18. 20. 23. 26. 27. 30. 31. Apr. 2. 8. 13. 17. 20. 21. 22. 23. 27. 30 May. 4.
 11. 12. 14 June 9. 12. 19. 26. 29. July 1. 2. 6. 7. 10. 14.

Total No. of Visits

63

Lloyd's Register Foundation