

BUILDING. AFLOAT & IN DRY DOCK.

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.....					SECOND DECK IN WAY OF CARGO HOLD.				
" in 'tween Decks, Size and Spacing.....					Stringer Plate, breadth and thickness in way of Bridge	38"	*36	/	
" " " " "					Thickness of Plating abreast Deck openings in way of Wells.....		*34	/	
" in Holds " "					Thickness of Plating abreast Deck openings in way of Bridge				
" " " " "					Thickness of Plating within line of openings....				
O.T. LONGITUDINAL Centre Line Bulkhead. (P&S).					If Sheathed, material and thickness			/	
Stiffeners and Spacing..... 10' 2 1/2" x 42 BA WITH 2 STRINGERS	EVERY FRAME IN DEPTH AS APPD.				Third Deck.				
Plating, thickness of	*43 - *39				Stringer Plate, breadth and thickness.....				
STRINGERS AND DECKS.					If Plated, state thickness.....				
Uppermost Continuous Deck.					Fourth Deck.				
Stringer Plate, breadth and thickness in Wells	90	*78			Stringer Plate, breadth and thickness.....				
" " " " in way of Bridge	90	*87			If Plated, state thickness				
" Angle in Wells	7	7	*70		Poop Deck.				
Thickness of Plating abreast Deck openings in way of Wells	CENTRE STAKE *75 ASTORKE *75(3) *58(P) B - *75 P&S C - *65 P&S AND INCREASED AS REQUIRED AS PER APPD PLAN.				Stringer Plate, breadth and thickness	37	*37	/	
Thickness of Plating abreast Deck openings in way of Bridge	STRINGER 72' x *70 PLATING *60 & *54 STRINGER 51' x *52 PLATING *46				Plating, Sheathing, material and thickness ...	*26 SHEATHED 5" 2 1/2" O.P.		/	
UPPER DECK IN WAY OF ENGINE SPACE					Bridge Deck.				
Thickness of Plating within line of openings... UPPER DECK IN WAY OF CARGO HATCH FOR					Stringer Plate, breadth and thickness.....	H1	*43		
If Sheathed, material and thickness					Plating, Sheathing, material and thickness ...	*34 EXPOSED.			
Second Deck, IN WAY OF ENGINE SPACE					Forecastle Deck.				
Stringer Plate, breadth and thickness in Wells...	84"	*40			Stringer Plate, breadth and thickness.....	37"	*37	/	
DECK PLATING.		*36			Plating, Sheathing, material and thickness ...	*30 SHEATHED 5" 2 1/2" O.P.		/	

SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <u>ORDINARY</u> .			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		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	53"	.99	.78	.78	✓	DOUBLE	1"	4.0	5R - 4R	1 1/8"	4 1/2"	LAPPED.
" DECK (if any)	3 BOTTOM STRAKES (P&S) .76 3/4" FROM 1/2 LTH FWD TO COLLISION BHP.											
BOTTOM PLATING, No. 1 of Strakes	12 .67	.50	.53	.53	✓	DOUBLE	7/8"	3.42	4R - 3R	7/8"	3 1/2"	"
	22 .64	.50	.56	.54	✓	"	"	"	4R - 3R	"	"	"
BILGE PLATING, No. 1 of Strakes .....	.63	.48	.51	.51	✓	"	"	"	4R - 3R	"	"	"
BILGE PLATING, No. 2 of Strakes .....	.63	.48	.48	.48	✓	"	"	"	4R - 3R	"	"	"
SIDE PLATING, No. 1 of Strakes .....	.51"	1.03	.48	.48	✓	"	1"	3.84	5R - 3R	1 1/8"	4 1/2"	"
SIDE PLATING, No. 2 of Strakes .....	.51"	1.03			✓	"	1"	"	5R	1 1/8"	4 1/2"	"
UPPER DECK, Sheer-strake in Wells	82 3/4"	.76	.48	.48	✓	"	7/8"	3.42	4R - 3R	1"	4"	"
UPPER DECK, Sheer-strake in Bridge ...	82 3/4"	.76			✓	"	"	"	4R	1"	4"	"
STRAKE BELOW Sheer-strake in Wells .....			.40		✓	SINGLE	"	3.5	2R	7/8"	3 1/2"	"
STRAKE BELOW Sheer-strake in Bridge ...					✓	"	"	3.4	2R	"	"	"
POOP SIDE PLATING					✓	"	3/4"	3.0	1R	3/4"	2 5/8"	"
BRIDGE SIDE PLATING ...					✓							
FORECASTLE SIDE PLATING					✓							

WATERTIGHT BULKHEADS.

Total No. of W.T.^x BULKHEADS in Vessel— 15

Extending to Upper Deck (Sec. 3 c).....14

Deck next below.....

As ^{APP'D} per Rule 14 To UPPER D⁵ & 1 To 2nd D⁵.

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHD,	Upper tween decks					
"	" Second "					
"	" Third "					
"	" Holds					
COLLISION	" (in Hold)					
AFTER PEAK	" "					

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM		ROLLED STEEL BAR	10 1/4 x 2 1/4 1-4 1/2 x 1 1/2	
STERN FRAME {	Propeller Post	CASTING	5-10 x 3-1/2	BOCHUMER VEREIN. A.G.
	Rudder	"	"	"
	<u>AND AS PER APP^d PLAN.</u>			
RUDDER—A x D	7.85			
Speed of Vessel	12 K.			
	UPPER STOCK	FORGING	13 3/4 Dia ^s	
RUDDER mainpiece at head ...		CASTING	1-25 x 10 1/2	BOCHUMER VEREIN A.G.
"	heel ...	"	3 1/4 x 10 1/2	
	<u>AND AS PER APP^d PLAN.</u>			
"	how constructed	CAST STEEL FRAME		
		WITH		
"	double or single plate	*50 DOUBLE PLATES.		
"	coupling, vertical or			
"	horizontal	HORIZONTAL.		

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

STEEL.

COLVILLES LTD; LANARKSHIRE STEEL COMPANY LTD; CONSETT IRON CO; SKINNINGROVE IRON COMPANY;
STEEL COMPANY OF SCOTLAND LTD; FROBINGHAM IRON & STEEL WORKS;

Has the Steel been tested as required by the Rules? Yes.

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.)

— List of Plans. —

✓ Midship Section ; ✓ Profile & Deck ; ✓ Sternframe ; ✓ Rudder ; ✓ Double Bottom in Engine Space ;
✓ Arrangements in Machinery Space ; ✓ Arrangements at Fore End ; ✓ Shell Plan ; ✓ Fore Peak Tank ;
✓ After Peak Tank ; ✓ Oil Fuel Tanker & after cofferdam ; ✓ Transverse Tank ; ✓ Arrangements in Pump Room ;
✓ Compensation for omission of strong beam ; ✓ Forward cofferdam ; ✓ After body transverses ; ✓ Fore body
transverses ; ✓ Upper Deck ; ✓ Bridge Deck ; ✓ Web Frame in middle of Oil Tanks ; ✓ Scantlings in
way of forward oil tanks ; ✓ Donkey Boiler flat ; ✓ Strengthening at Poop & Bridge ends ;
✓ Cruiser Stern ; ✓ Lubricating Oil Tank ; ✓ Fresh Water Tanks ; ✓ Large Pump Room Arrangements ;
✓ Pumping Arrangements ; ✓ Longitudinals & Floors in No 1 & 7 Tanks ; ✓ Raising List ; ✓ Main tiller ;
✓ Spare tiller.
Midship Section (as built).

Forging Reports — Sternframe ; Rudder ; Tiller ;

Particulars of Drop Test of Cast Steel Anchors, viz. :— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	WEIGHT HEAD & PIN. 52 - 0 - 0	SURV INIT ^s A.B.	CERT ^s NO. 6691	DATE OF TEST. 28-1-32
	2nd "	52 - 1 - 14	A.B.	6493	19-8-31
	3rd "	41 - 2 - 21	J.D.	166	2-8-34.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 92.75 ft., R.Q.D. ✓ ft., Bridge 47.13 ft., Forecastle 48.0 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ✓

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 1st DECK (STL) 2nd DECK (STL) CLEAR OF CARGO TANKS.
& WEB FRAMES.

Official No. 163572 : Signal Letters : Is bottom of Vessel coated with cement ✓ if not give
particulars of composition PORTLAND CEMENT IN PEAK TANKS ONLY.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		143
Double bottom, under Engines and Boilers,			After peak tank,		94
Double bottom, if under Engines only,	69.19	167	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,	24.75	141
Double bottom, forward,			Other tanks, if fitted,		
	Total capacity of double bottom	167	(If necessary, furnish further information by sketch.)		
* The wells are not to be included in the lengths of the tanks.					

Order for Special Survey No. 3350.

Date 19th January, 1934.

Dates of Surveys held while building

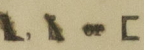

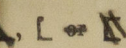
(1934) JAN. 10-30. FEB. 8-22-23-26-28. MAR. 2-6-13-20-26-29. APR. 2-4-6-11-13-14-20-23-25-24. MAY. 1-3-4-8-9-11-16-21-22-25-29-31. JUNE 4-6-8-13-14-18-20.
JULY 18-19-23-24-26. AUG. 1-3-4-9-13-14-19-21-23-24-28-30. SEPT. 3-7-21-24-28. OCT. 1-3-5-6-8-9-12-16-17-24-31. NOV. 1-2-6-7-8-9-12-13-14-15-16-19-21-22.
23-26-24-28-29-30. DEC. 3-4-6-10-11-13-18-21. (1935) JAN. 8-16-21-24 FEB. 1-6-12-18-19-21-23-26-24 MAR.

Total No. of Visits 118.

MOTOR VESSEL "AMASTRA"

Rpt. 1*.

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.			AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.							
			In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.		Rivets in Brackets to Bulkheads.			
			Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Diam.	Speng.	Inches.	Number.	Diameter.			
			Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Inches.		Inches.			
Framing of 																						
Frames in Bridge 'tween Decks ...			TRANSVERSE			FRAMING IN POOP, BRIDGE & FOCLE.																
Frames from Uppermost Continuous Deck to Bilge			No. 1			17" x 4" x 4" x 48/68			17" x 4" x 4" x 48/68			17" x 4" x 4" x 48/68			17" x 4" x 4" x 48/68			7/8" 5 1/4" 3 1/4" FOR 11 R		T. BAR TO BHP WITH 20" HORT GUSSET 18" 7/8" R TO T BAR 3/8" R TO LONG		
"			2			17" x 4" x 4" x 48/68			17" x 4" x 4" x 48/68			17" x 4" x 4" x 48/68			17" x 4" x 4" x 48/68			"		"		
"			3			17" x 4" x 4" x 48/68			17" x 4" x 4" x 48/68			17" x 4" x 4" x 48/68			17" x 4" x 4" x 48/68			"		"		
"			4			O.T. LONGITUDINAL BULKHEAD			O.T. LONGITUDINAL BULKHEAD.													
"			5			17" x 4" x 4" x 48/68			TRANSVERSE FRAMING			17" x 4" x 4" x 48/68			TRANSVERSE FRAMING			"		"		
"			6			17" x 4" x 4" x 48/68			IN END WING			17" x 4" x 4" x 48/68			IN END WING			"		"		
"			7			17" x 4" x 4" x 48/68			TANKS AS PER			17" x 4" x 4" x 48/68			TANKS			"		"		
"			8			17" x 4" x 4" x 48/68			APPROVED PLAN.			17" x 4" x 4" x 48/68						"		"		
"			9																			
CENTRE GIRDER			"																			
PLATE			"			40			42			40			42			40		42		
TOP ANGLES			"			3 1/2			3 1/2			44			3 1/2			3 1/2			44	
BOTTOM ANGLES			"			4			4			50			4			4			50	
"			14																			
"			15																			
"			16																			
Spacing of Longitudinal Frames			Amidships			CENTRE TANK 33"			CENTRE TANK 33"			CENTRE TANK 33"			CENTRE TANK 33"							
			At Ends			WING TANKS 30"			WING TANKS 30"			WING TANKS 30"			WING TANKS 30"							
Double Bottoms			Tank Top Longitudinals			DOUBLE BOTTOM IN ENGINE SPACE ONLY.																
			Bottom			TRANSVERSE FRAMING FITTED AS PER.																
Spacing of Longitudinals			Amidships			PAGE I.																
			At Ends																			
Transverses.																						
In Bridge 'tween Decks			Depth and Thickness			TRANSVERSE FRAMING IN POOP, BRIDGE & FOCLE.																
			Face Angles																			
			Lugs to Shell*																			
BOTTOM TRANSVERSES.																						
In Upper 'tween Decks.			Depth and Thickness			CENTRE 40" x 44"			CENTRE 40" x 44"			CENTRE 40" x 44"			CENTRE 40" x 44"							
			FACE ANGLES			WINGS. 37" x 44"			WINGS. 37" x 44"			WINGS. 37" x 44"			WINGS. 37" x 44"							
			Lugs to Shell*			6 x 4 x 53 DOUBLE			6 x 4 x 53 DOUBLE			6 x 4 x 53 DOUBLE			6 x 4 x 53 DOUBLE							
			FACE ANGLES			WINGS. 6 x 4 x 51 SINGLE			6 x 4 x 53 DOUBLE			WINGS 6 x 4 x 51 SINGLE			6 x 4 x 53 DOUBLE							
			Lugs to Shell*			CENTRE 6 x 6 x 46			CENTRE 6 x 6 x 46			CENTRE 6 x 6 x 46			CENTRE 6 x 6 x 46			7/8"		4"		
			FACE ANGLES			WINGS. 6 x 6 x 44			6 x 6 x 46			WINGS 6 x 6 x 44			6 x 6 x 46							
WEB FRAME			Depth and Thickness			30			42			30			42			30		42		
			Face Angles			6			3 1/2			44			6			3 1/2			44	
In Hold.			FRAME ANG			3 1/2			3 1/2			44			3 1/2			3 1/2			44	
AT MIDDLE			Lugs to Shell*			JAGGED			JAGGED			JAGGED			JAGGED			7/8"		4 7/8"		
LENGTH IN			" " Back Bars			CONNECTED TO UPPER & LOWER SIDE																
SOIL TANKS			Brackets			STRINGERS, & CHANNEL STRIPS AS APPR.																
Spacing of Transverse Frames			Bottom			10'-3"			10'-3"			10'-3"			10'-3"							
			* State if joggled or liners.																			
Longitudinal Beams of 			Bridge Deck ...			TRANSVERSE FRAMING IN POOP, BRIDGE & FOCLE.																
			Upper			C# 8" x 3 1/2" x 46			8 x 3 1/2" x 46			C# 8" x 3 1/2" x 46			8 x 3 1/2" x 46			33"		Upper Deck		
			Second			WINGS 8 x 3 1/2" x 44			8 x 3 1/2" x 44			WINGS 8 x 3 1/2" x 44			8 x 3 1/2" x 44			30"		Transverse Beams.		
			CENTRE DECK GIRDER.			PLATE 60" x 40			60" x 40			PLATE 60" x 40			60" x 40							
			Third			FACE ANG 6 x 3 1/2" x 50			6 x 3 1/2" x 50			FACE ANG 6 x 3 1/2" x 50			6 x 3 1/2" x 50							
						DECK ANG 3 1/2 x 3 1/2 x 40			3 1/2 x 3 1/2 x 40			DECK ANG 3 1/2 x 3 1/2 x 40			3 1/2 x 3 1/2 x 40							

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

500.12.27.—T.

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