

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 Cargo Hatchway	34" ✓		
" " " " "	✓			Thickness of Plating abreast Deck openings in way of Bridge E.A.B. Casings	34" and 36"		
" in Holds " "	✓			Thickness of Plating within line of openings..	34		
	/			If Sheathed, material and thickness	✓		
Centre Line Bulkhead. as per approved				Third Deck.			
Stiffeners and Spacing..... Profile & Skiplan				Stringer Plate, breadth and thickness.....			
Plating, thickness of				If Plated, state thickness.....			
STRINGERS AND DECKS.				Fourth Deck.			
Uppermost Continuous Deck. amidships				Stringer Plate, breadth and thickness.....			
Stringer Plate, breadth and thickness in Wells 59" x .60"			/	If Plated, state thickness			
" " " " in way of Bridge				Poop Deck.			
" Angle in Wells 6" 6" .58"			/	Stringer Plate, breadth and thickness			
Thickness of Plating abreast Deck openings in way of Wells R.P.3. HATCHWAY.....	.54"	/		Plating, Sheathing, material and thickness ...			
Thickness of Plating abreast Deck openings in way of Bridge N.O.2. HATCHWAY.....	.60"	/		Bridge Deck.			
Thickness of Plating within line of openings...	.39"	/		Stringer Plate, breadth and thickness.....			
If Sheathed, material and thickness 5"x2 1/4" TEAK over crew accommodation in poop				Plating, Sheathing, material and thickness ..			
Second Deck. Amidships				Raised Forecastle Deck. mean aft. 7. F. 34" .60 - 36"			
Stringer Plate, breadth and thickness in Wells 64" x .40"			/	Stringer Plate, breadth and thickness.....			
				Plating, Sheathing, material and thickness ..	.52"	-	.36"

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <i>NO</i>			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	52"	44"	64"	64"		Double	7/8"	3 1/2"	Quad.	1"	3 5/8"	strapped inside
" DELG. (if any) {	A	⊗ 60"	54"	49"	⊗ multiple punched remainder hand punched	Double	7/8"	3 1/2"	Yreble	7/8"	3 3/8"	overlapped
BOTTOM PLATING, No. of Strakes .FOUR.. }	B	⊗ 60"	49"	49"		B	"	"	"	"	"	"
	C	⊗ 60"	49"	49"		C	"	"	"	"	"	"
BILGE PLATING, No. of Strakes ..one.... }	E	⊗ 60"	46"	44"		E	"	"	"	"	"	"
	F	⊗ 60"	46"	46"		F	"	"	"	"	"	"
SIDE PLATING, No. of StrakesFOUR.. }	G	⊗ 60"	46"	46"	G	"	"	"	"	"	"	
	H	⊗ 60"	46"	46"	H	"	"	"	"	"	"	
	J	⊗ 60"	46"	46"	J	"	"	"	"	"	"	
UPPER DECK, Sheer- strake in Wells												
UPPER DECK, Sheer- strake in Bridge ... }	L	51"	68"	46"	46"	L	"	"	Quad.	7/8"	3 1/4"	"
STRAKE BELOW Sheer- strake in Wells	K	56"	64"	46"	46"	K	"	"	Quad.	7/8"	3 1/2"	"
STRAKE BELOW Sheer- strake in Bridge ... }												
DEEP SIDE PLATING	A-F 59' in way of stemframe											
RAISED FORECASTLE SIDE PLATING		58" / 46"	96"	at break		Double	7/8"	"	Yreble	7/8"	3 3/8"	overlapped

Total No. of W.T. BULKHEADS in Vessel—	Seven
Extending to Upper Deck (Sec. 3 c)	one
" Deck next below	six
As per Rule	as approved.

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks					
" " Second "					
" " Third "					
" " Holds N ^o . 80 LIMBER					Bhds as per approved plan
(in Hold) N ^o . 153		44"-26"	12"x3½"	40BA 27½-29"	
" " N ^{os} 9-10.		50"-26"	10"x3½"	40BA 24"	Beam Ledges flat & 3" semi-bog beams in way of side stggs. Funnel recess 1 semi bog beam & 2 Horizontal B.A. stiffeners

Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL,	Flat plate keel		
STEM	Rolled bar	10"x2½"	
STERN FRAME	{ Propeller Post Casting Rudder " Section of sternframe	by RUHRSTAHL JA.G. STAHLWERK KRIEGER of DUSSELDORF	
Speed of Vessel	10 Knots.		as per approved plan
RUDDER—Type.	area 135 ft ² max. Torque 35.4 ft per Certy Co		
"	j stock		Rudder as per approved plan
" Diam.	10½"		
" Mainpiece at top pintle	Cast steel		
" heel	upper & lower ang Remainder built of steel plates and angles fitted & completed by The Caledon S.B.&Co. Ltd		
" how constructed			
" double coupling, horizontal with	single plate		
	8, 2¾" fitted bolts		

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Colvilles Ltd., The Steel Company of Scotland Ltd., South Durham Steel & Iron Co Ltd.,
Skinningrove Iron Co. Ltd., Lorman, Long & Co. Ltd. open hearth process.

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

EQUIPMENT No 39,104 ✓										LETTER at		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.
		Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.			
35748	1st Bower ...	65	1	0	Stockless			51	2	2	0	Cwts.	Byers Improved Stockless	Wm. Dyer	L.P.H.S. 4-3-36 J.H. BUTLER
35788	2nd " ...	64	3	14	"			51	0	0	0	194 1/2 cwts	"	"	L.P.H.S. 14-3-36 J.H. BUTLER
35664	3rd " ...	64	2	0	"			50	15	0	0	approved	"	"	L.P.H.S. 24-1-36 J.H. BUTLER
	Collective weight.	194	2	14								194 1/2 ✓			
35790	Stream	23	3	21	✓	"		23	14	2	0	✓	"	"	L.P.H.S. 14-3-36 J.H. BUTLER

CHAIN CABLES.											HAWERS AND WARPS.					
Number of Certificate.	Length and size supplied.		Test per Certificate. Statu- tory. Break- ing.	WEIGHT OF CHAIN CABLE.		Length and Size per Table 53. Length. Diam.	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.		Supplied.	Per Rule.						Length.	Ins.		Length.	Ins.	
	Fathoms.	Ins.	Tons.	Tons.	Owts. qrs. lbs.	Owts.	Fathoms.	Ins.			Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
						420 3/4	240 2 5/8	Stud link			TOWLINE	120	4 3/4	64.6	120	4 3/4
84999	240	2"	✓ 100.8	✓ 14.10	584-1-4	'TAYCO' Cable		S. TAYLOR & SONS	L.P.H.N. 6-5-36	HAWERS & WARPS	2290	2 3/4	✓ 15.2	2290	2 3/4	
								BRIERLY HILL LTD.	J.A. RELF	Warp	2290	2 1/2	13.2	2290	2 1/2	
Iron Stream Chain or Steel Wire	90	5"	1	52.8	without breaking	90	5"	Martin Black & Co. Ltd. Coalbridge								

Steering Gear, Steam by Donkin & Co. Ltd. Newcastle-on-Tyne Steering Gear, ~~Hand~~ Relieving tackle worked from after winch
Boats 2 @ 24'-0" & 2 @ 18'-0" Steering Chains, Size and Test. ✓ Windlass Steam by Clarke Chapman & Co. Ltd.
Ceiling in Holds, thickness and material none Cargo Battens, thickness, material and spacing 6"x2" w. wood. 9" apart
NIELSEN Patent Roller Hatch beams Thickness of Hatches No. 1 3" Remainder 2 1/2"
Cargo Hatchways. (Upper Deck) Steel plate & angles
Size of No. 1 Hatchway (Forward) 31'-6"x24'-0" No. 2 31'-6"x24'-0" No. 3 31'-6"x24'-0" No. 4 31'-6"x24'-0" No. 5 31'-6"x24'-0" No. 6 ✓
Number of Shifting Beams and for Fore and Afters Five at each Cargo Hatchway ✓
OR AND ON BEHALF OF
THE CALEDON SHIPBUILDING & ENGINEERING CO. LTD.
Builder's Signature *Duny Main*

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* ~~MAKING DIRECTOR~~
(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.

This vessel has been built in accordance with the approved plans, the Secretary's letters of various dates and in general conformity with the Society's Rules for the class contemplated.

The workmanship and materials are good
all the S.B. Tanks, Fore peak tank & after peak tanks were tested as required by the Rules & found satisfactory.
Tunnel, Decks and Bulkheads hose tested & found satisfactory
Hand pumps, bilge suction & W.Y. Doors tested in accordance with the Rules and found satisfactory
windlass & steering gear tried under working conditions
see general remarks.
The freeboard markings have been verified & cut in on the vessels side

The amount of Entry Fee £ 8 : 0 : 0 Fees applied for 14 JUL 1936
Special Survey Fee £ 306 : 14 : 0 Received by me, *AM*
Freeboard Fee 15 0 0
Travelling Expenses, if any 2 : :
State whether the Vessel has been built under Special Survey Yes.
Certificate to be sent to This office Date of issue 10/9/36
I am of opinion the Vessel should be Classed **† 100 A.1.** with freeboard
Subject to repairs to windlass
Signature *A. McQueen & J.S. Thomson*
Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 14 JUL 1936
Character assigned Deferred for completion of Mach. & etc *AR*
FRI. 31 JUL 1936
+ 100 A1 (on Nwc 94007)
with free board
Lloyd's A+C.P. + dmc 7.36
J.W. C.L.
write Gb. L. 31/7
Mfr.
over 31/7

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.)

During the trials of windlass under working conditions the cable kicker fouled the starboard gypsy with the result that the starboard gypsy was slightly damaged. This was to be further examined at Newcastle-on-Tyne where the vessel proceeded for dry docking. The Newcastle surveyors were advised accordingly.

Please note that some of tank top plating in way of Nos 2 & 3 D.B. tanks have been double riveted to comply with the carriage of oil fuel in double bottom tanks should the owners so desire at any future date

List of approved plans forwarded herewith

- Midship Section and midship section as built
- Profile & Decks
- Plan of Deck Rudder & Sternframe
- Strengthening of Bottom forward
- Hatches & Strong Beams
- after End Forwarding
- Multiple Punching
- Outline Arrangement
- Alteration at Lounage well
- Riveting of frame brackets in way of Parting
- Pumping Arrangement
- Liller Casting
- Quadrant Casting
- approved pattern of Hatch Locking bar
- Casting & forging reports & invoices herewith

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

Cruiser stern, Wireless, Direction finding apparatus, Echo-sounding apparatus.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	41-1-14	J.D.	934	5, 12, 35
	2nd "	41-1-4	J.D.	936	5, 12, 35
	3rd "	41-2-0	J.D.	938	5, 12, 35
	Stream	16-0-21	J.D.	849	25, 10, 35.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ ft. ^{Raised} 91.3 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated ^{Complete superstructure vessel}
with tonnage opening aft, Raised Forecastle

No. and Material of Decks One deck steel and Shelter deck steel

Official No. 164668 ; Signal Letters

Is bottom of vessel coated with cement ☒

if not give

particulars of composition Bottom first coated with Bitumastic Solution & finished with Bitumastic Enamel

PARTICULARS OF WATER BALLAST.—* The Dry tank is fitted as a W.T. compartment having air & sound pipes and W.T. manhole covers. The suction is connected to the bilge line

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	112.84	263	Fore peak tank,	29	264
Double bottom, under Engines and Boilers, ^{Feed tank}	23.63	101	After peak tank,	20.64	190
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only, * Dry Tank	13.12	-	Deep tank, forward,		
Double bottom, forward,	195.0	641	Other tanks, if fitted,		
	Total capacity of double bottom	1035	(If necessary, furnish further information by sketch.)		

Total length of DB = 344.62

* The wells are not to be included in the lengths of the tanks (See Circular No. 1284).

Order for Special Survey No. 6262

Date 26. 11. 35

Dates of Surveys held while building

1935 Nov. 7. 11. 13. 15. 22. 26. 29 Dec. 5. 10. 13. 18. 20. 23. 26. 30 (1936) Jan. 7. 9
14. 15. 23. 28. 29 Feb. 4. 6. 11. 13. 14. 18. 20. 26. 28 Mar. 3. 5. 10. 12. 16. 18. 20. 24. 26
28 Apr. 2. 3. 6. 7. 10. 16. 17. 21. 23. 24. 28 May 1. 4. 7. 11. 13. 15. 18. 19. 20. 21. 22. 26. 28
June 1. 3. 4. 10. 17. 19. 22. 23. 24. 25. 26. 29. 30 July 1. 2. 3. 6
Total No. of Visits 82