

STEEL STEAMER or MOTORSHIP.

Received at London Office 4 JUL 1925

State if Report has been sent on the Freeboard of the Vessel YESState if Report is sent on the Machinery of the Vessel YES

Date of completion of report

3rd July, 1925

Port of WEST HARTLEPOOLNo. 16315Survey held at WEST HARTLEPOOL

Date First Survey

15 June

Last Survey

29 June

1925

On the (Single, Double, Triple Screw)

S.S. "CAIRNHILL" (EX NITDAL)38436

State Type (Full Scantling, Complete Superstructure, etc.)

FULL SCANTLING

State Type of Erections

POOP BRIDGE & FORECASTLE

TONNAGE under Tonnage Deck

3599.88CLASS 100 A1.

State if with freeboard as condition of Class

NOBuilt at WEST HARTLEPOOL

Do. of space or spaces between Tonnage Dk. and Upper Dk.

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

L 356'-12"Launched 20th JUNE '24 Yard No. 961

Total

3599.88

Breadth (greatest moulded)

B 49.80Builders Wm Gray & Co Ltd

Gross Tonnage

3901.21

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

D 27.17Owners MACBETH BLACKWOOD & LAURIE LTD

Register Tonnage

2362.651st Longitudinal Number (L x D) = 9676

Managers

(Where necessary to be entered in Reg. Book.)

2nd Numeral L x (B + D) = 27411

RED DIMENSIONS.

FEET.

356.550.0524.7

Framing Depth "d," at middle of length. See Sec. 3 (1d)

23.9

Proportions—Depth to Length—Uppermost continuous deck to top of keel

13.1Port of Registry GLASGOW

Do. Long Bridge to top of keel

10.27If surveyed while in, afloat, 2 in dry dock

Draught Moulded

22'-4 3/4"YES

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.
acing amidships	25			/	Bracket Floors, Frame	6 1/2	3 1/2	40	/
" from 1/2 length to Collision bulkhead	25			/	" " Reversed Frame	"	"	"	/
" in peaks	25			/	" " Vertical Struts	PARTIAL FLOORS AS PER PLAN			/
ING.					Centre Girder, depth and thickness amidships	40		50	/
idships, Angle, E or F	11	3 1/2	60	/	" " top Angles	3 1/2	3 1/2	48	/
Extends up to	US DE & ALTERNATELY TO BRIDGE			/	" " bottom Angles	4 1/2	4 1/2	50	/
Frame amidships, Angle (FOR P)	3 1/2 x 3 1/2	54	4	AS PER PROFILE	Side Girders, No. each side and thickness	ONE		36	/
Extends up to				/	Margin Plate depth (excl. of flange) and thickness	33		44	/
Framing Girder	11			/	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	5	5	46	/
Uppermost Continuous 'tween Decks, Angle, E or F				/	" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	"	"	"	/
Second 'tween Decks, Angle, E or F				/	" " Gussets, spacing and scantling abaft 1/2 len. from stem	3 1/2 x 3 1/2	52	ANGLES ON	/
Third " " "				/	" " Gussets, spacing and scantling forward 1/2 len. from stem	EVERY FRAME			/
n Peaks, Angle, E or F	7	3 1/2	44	/	Tank Side Brackets, height above base line at toe of Frame and thickness	75		38	/
and Spacing of Rivets through Frame and Shell Plating amidships	3/8		6 dias	/	INNER BOTTOM PLATING.				
Frame Joggled	NO			/	Breadth and thickness of Middle Line Strake	41		48	/
ARRANGEMENTS (Sec. 7), state system and particulars	AS PER PROFILE			/	Thickness of remainder in Holds			38	/
ENING OF BOTTOM FOR	3 STRAKES CARRIED FORW ^d AT THICKNESS & DOUBLE RIV ^d FRAMES FOR ^d AS PER PLANS			/	Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?	YES			/
TTOM.					BEAMS.				
Depth and thickness at mid-line in Holds				/	Uppermost Continuous Deck, amidships in Wells, Angle, E or F	9 1/2	3 1/2	52	/
Height of Brackets at side above base line at toe of frame				/	" " in way of Bridge, Angle, E or F	"	"	"	/
Line Keelson, on Floors, Angles, E or F				/	Spacing			25	/
" Through Plate or Intercostal Plate				/	Second Deck, amidships, Angle, E or F				/
" Foundation Plate on Floors				/	Spacing				/
" Flat Plate Keel Angles				/	Third Deck, amidships, Angle, E or F				/
ons, No. each side				/	Spacing				/
thickness of Intercostal Plate				/	Fourth Deck, amidships, Angle, E or F				/
Angles				/	Spacing				/
OTTOM.					Poop Deck, Angle, E or F	6 1/2	3	42	/
rs, thickness and spacing	38		50	/	Spacing			25	/
Are Frame and Reversed Frame joggled?	YES			/	Bridge Deck, Angle, E or F	7 1/2	3	44	/
Floors, breadth and thickness at middle line	30		38	/	Spacing			25	/
" breadth and thickness at margin plate	30		38	/	Forecastle Deck, Angle, E or F	7 1/2	3	44	/
					Spacing			25	/

W230-0157 (112)

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			✓		
" " " " " "			✓			Thickness of Plating abreast Deck openings in way of Bridge			✓		
" in Holds " "		CENTRE LINE				Thickness of Plating within line of openings...			✓		
" " " " " "		BULKHEADS				If Sheathed, material and thickness			✓		
Centre Line Bulkhead.						Third Deck.					
Stiffeners and Spacing.....		As PER				Stringer Plate, breadth and thickness.....			✓		
Plating, thickness of		PROFILE				If Plated, state thickness.....			✓		
STRINGERS AND DECKS.						Fourth Deck.					
Uppermost Continuous Deck.						Stringer Plate, breadth and thickness.....			✓		
Stringer Plate, breadth and thickness in Wells		62	72 66	✓		If Plated, state thickness			✓		
" " " " in way of Bridge		62	48 42	✓		Poop Deck.					
" Angle in Wells		6	6 3 1/2	66 52	✓	Stringer Plate, breadth and thickness			34	✓	
Thickness of Plating abreast Deck openings in way of Wells			49	✓		Plating, Sheathing, material and thickness ...			26 & 2 1/2" R P	✓	
Thickness of Plating abreast Deck openings in way of Bridge			38 & 32	✓		Bridge Deck.					
Thickness of Plating within line of openings...			36	✓		Stringer Plate, breadth and thickness.....			49	62	✓
If Sheathed, material and thickness			✓			Plating, Sheathing, material and thickness ...			38	✓	
Second Deck.						Forecastle Deck.					
Stringer Plate, breadth and thickness in Wells...			✓			Stringer Plate, breadth and thickness.....			34	✓	
						Plating, Sheathing, material and thickness ...			26	✓	

SCANTLINGS.					RIVETING.									
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.					
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	No.	RIVETS.	No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.		
	Breadth.	Thickness.	Thickness.	Thickness.						SINGLE OR DOUBLE.	Diam.		Spacing cr. to cr.	Diam.
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.	Inches.	Inches.				
FLAT PLATE KEEL	45	88	74	74	✓	2R	1"	4 1/2	✓	4R	1	4"	✓	LAPPED
" DBLG. (if any)		✓				✓								
BOTTOM PLATING, No. of Strakes		60	60	48	/	"	3/8	3 1/4	✓	4R	7/8	3 1/2	✓	"
BILGE PLATING, No. of Strakes		60	50	"	/	"	"	"	✓	"	"	"	✓	"
SIDE PLATING, No. of Strakes		56	44	44	✓	"	"	"	✓	3R	"	3 1/8	✓	"
UPPER DECK, Sheer-strake in Wells	45	119 } 92	50	52	✓	"	1"	4 1/2	✓	5R 4R	1" 1"	4 1/2 4"	✓ ✓	"
UPPER DECK, Sheer-strake in Bridge ...		56	✓	✓	✓	"	3/8	3 1/4	✓	3R	7/8	3 1/8	✓	"
STRAKE BELOW Sheer-strake in Wells		70 } 64	44	44	✓	"	1"	4 1/2	✓	4R	1	4"	✓	"
STRAKE BELOW Sheer-strake in Bridge ...		56	✓	✓	✓	"	3/8	3 1/4	✓	3R	7/8	3 1/8	✓	"
POOF SIDE PLATING		✓	✓	36	✓	1R	3/4	3 1/8	✓	2R	3/4	2 3/8	✓	"
BRIDGE SIDE PLATING ...		64	✓	✓	✓	2R	1"	3 1/4	✓	4R	7/8	3 1/2	✓	"
FORE'TLE SIDE PLATING		✓	40	✓	✓	1R	3/4	3 1/8	✓	2R	3/4	2 3/8	✓	"

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c)	Six
.. Deck next below	✓
As per Rule	Six

	Castings or Forging.	Scanlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	FLAT	PLATE	KEEL	✓
STEM	ROLLED		CMEW	
STERN FRAME { Propeller Post	FORGING	11x9"x7"	"	✓
{ Rudder	"	9x6¾"	"	✓
RUDDER—AxD.....		119.57 x 3.27 = 391		✓
Speed of Vessel.....		10 KNOTS		✓
RUDDER mainpiece at head	FORGING	9½"	CMEW	✓
" " heel		6¾"		✓
✓ " how constructed	FORGED & BUILT.			✓
✓ " double or single plate	SINGLE			✓
✓ " coupling, vertical or horizontal.....	VERTICAL.			✓

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) SIEMENS PROCESS
DORMAN LONG & CO. ; SOUTH DURHAM S & I CO. LTD. CARGO FLEET. I. CO.

EQUIPMENT No. < 29700										LETTER <i>W.</i>		ANCHORS.		
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK		WEIGHT OF STOCK		TEST, PER CERTIFICATE				WEIGHT REQUIRED BY TABLE.	Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.			
28154	1st Bower	52	3	7				144	3	1	21	52½	Byers Impressed	W. Byers & Co. Sld. 12/5/24 J. H. Butler
28157	2nd „ ...	52	3	0				144	1	3	14	52½	Stockless	„ „ „ 15/5/24 „
28165	3rd „ ...	44	3	0				39	1	3	14	44½	„	„ „ 15/5/24 „
	Collector's weight.	150	1	7								149½	✓	
27999	Stream	13	3	7	3	3	14	15	10	1	7	14.	Common.	L. Taylors Sons Sld. 28/3/24 J. H. Butler

Number of Certificates.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table 63.		Description.	Makers of Cables.	Where and when tested and Superintendent.	Material.	Length and Size supplied.		Breaking Strength Tons Wire.	Length and Size per Table 63.		
	Length.	Diam.	Statio.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Clr.		Length.	Clr.	
	Fathoms.		Tons.	Tons.	Cwts.	grs.	lbs.	Cwts.	Fathoms.	Ins.			Fathoms.	Ins.		Tons.	Fathoms.	Ins.
14316	255	2 1/2	76 1/2	107 1/2	542.	3.	21		270	2 1/2	Steel	Staylor & Sons Ltd	28 1/2	4 1/2	59	120	4 1/2	
14504	15	"	"	"	32.	2.	0	573.	3.	0	Rink	"	27 1/2	4 1/2	18	2 1/2	2 1/2	
Iron Stream (Steel Wire)	90	4 1/2	✓	59					90	4 1/2	✓	Hebburn Rope & Sail Co Ltd			8	MANILLA		
															7	MANILLA		

Steering Gear, Hand LEAD TO WINCH

Ceiling in Holds, thickness and material 3" PINE Cargo Battens, thickness, material and spacing 6"x2" PINE : 12" APART

Cargo Hatchways.—(Upper Deck) STEEL PLATES AND ANGLES. Thickness of Hatches 2½" PINE

Size of No. 1 Hatchway (Forward) 27'-1" x 19'-11" No. 2 31'-3" x 19'-11" No. 3 12'-6" x 16'-2" No. 4 29'-2" x 19'-11" No. 5 27'-1" x 19'-11" No. 6 ✓

Number of **Shifting Beams** ~~under Fore~~ and ~~After~~ **FIVE** IN NOS 1, 2, 4 & 5; **TWO** IN NO. 3.

Builder's Signature

GENERAL DECLARATION This vessel ^{was} built in June 1924 by Messrs W. Gray & Co Ltd to class with the *Koske Ventus* and as shown on the plans enclosed (see list overleaf).
The additions required as per the Secretary's letter M. of 12th June 1925 have been carried out

The materials and workmanship are good, the steel having been tested by the Society's Surveyors.

The requirements of the rules for ships not built under survey have been complied with.

The freeboards assigned by the Committee has been cut in & painted on the vessels sides and verified.

For further particulars of Survey see Report 8 attached

The amount of Entry Fee \$ *3.80* } Fees applied for,

Special Survey Fee.... £

Received by me,

I am of opinion the Vessel should be Classed 100 A.1.

Travelling Expenses, if any £ 19

State whether the Vessel has been built under Special Survey No

Signature Thomas E. Sowden W. S. Muddas
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to Shel Date of issue 11/8/25

Committee's Minute

TUES, 14 JUL 1925

Character assigned

10001

[Faint handwritten notes at the bottom of the page]

Ph. 36.25

J. J. W. C. 20
 82
 821
 18

Lab 6.25-

C. L.

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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 FORWARDED:-

MIDSHIP SECTION
PROFILE
RUDDER & STERNFRAME
SHELL EXPANSION
UPPER DECK
POOP BRIDGE & FORECASTLE
BULKHEADS 88 & 134
AMENDED POSITION OF APB
TUNNEL
HATCHES
PUMPING PLAN.

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

1st Bower	30-3-24 ; W.M. ; 5405 ; 28-3-24
2nd "	31-0-2 ; W.M. ; 5427 ; 4-4-24
3rd "	26-2-16 ; W.M. ; 5446 ; 17-4-24.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 30 ft., R.Q.D. ☒ ft., Bridge 108.2 ft., Forecastle 35 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) ONE DECK (STEEL)

Official No. 148,865 ; Signal Letters *NO* Is bottom of Vessel coated with cement YES if not give particulars of composition ☒

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	112.5	349	Fore peak tank,		84
Double bottom, under Engines and Boilers,			After peak tank,		118
Double bottom, if under Engines only,	27.1	99	Deep tank, aft,		✓
Double bottom, if under Boilers only,	14.6	53	Deep tank, forward,		✓
Double bottom, forward,	158.3	488	Other tanks, if fitted,		✓
Total capacity of double bottom		989	(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. ☒

Date ☒

Dates of Surveys held while building



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Total No. of Visits