

STEEL STEAMER or MOTORSHIP.

Received at London Office JUN 28 1937

State if Report has been sent on the Freeboard of the Vessel *yes*State if Report is sent on the Machinery of the Vessel *yes (in part only)*Date of completion of report *June 1937*Port of *Leith*No. *19369*Survey held at *Burntisland*Date First Survey *2nd March 1937*Last Survey *17th June 1937*On the *Steel Single Screw Steamer "CORFIELD"**(machinery aft.)*State Type *Full Scantling*State Type of Erections *RQD¹ Fuel*TONNAGE under Tonnage Deck... *1343.93*CLASS *+100A1*State if with freeboard as condition of Class *no*Built at *Burntisland*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 P.W.L. See Sec. 3 (1a) *L 256.65*Launched *11th June 1937* Yard No. *214*Total *1343.93*Breadth (greatest moulded) *B 39.25*Builders *The Burntisland SBC²*Gross Tonnage *1791.44*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 18.75*Owners *Wm Cory & Son Ltd*Register Tonnage *1004.28*1st Longitudinal Number (L x D) *= 4812*Managers *(Where necessary to be entered in Reg. Book.)*2nd Numeral L x (B + D) *= 14886*Residence *London*

REGISTERED DIMENSIONS. FEET.

Length *257.0*Framing Depth "d," at middle of length. See Sec. 3 (1d) *15.92 upper D² 20.42 RQD¹*Port of Registry *London*Breadth *39.5*Proportions—Depth to Length—Uppermost continuous deck to top of keel *13.69 upper D² 11.04 RQD¹*

If surveyed while building, afloat, or in dry dock

Depth *16.75*Do. Long Bridge to top of keel *✓*Draught Moulded *17.2**while building? afloat.*

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.
FRAMES, Spacing amidships	27	✓	Bracket Floors, Frame		
" " from $\frac{3}{8}$ length to Collision bulkhead frame No. 2	27	✓	" " Reversed Frame		
<i>Frame frame No. 2 in peaks</i>	23½	✓	" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships	33½ 43	approved 41
Frame Amidships, Angle <i>E or C</i> <i>RQD¹</i>	9 3 40	approved 8½ x 3 x 40	" " top Angles	3 3 40	Double 37
" " Extends up to	deck	✓	" " bottom Angles	3½ 3½ 43	Double 41
<i>(Frames at upper D²)</i>			Side Girders, No. each side and thickness	3½ x 3 x 36 L Top	32
Reversed Frame Amidships, Angle	7½ 3 39	approved 34	" " " "	" " "	32
" " Extends up to	deck	✓	Margin Plate depth (excl. of Angle) and thickness	38 48 83	32
Depth of Framing Girder	9	✓	" Top Vertical Angle to Tank side Bracket abaft ½ len. from stem	3 3 32	Single
Frames in Uppermost Continuous 'tween Decks, Angle, [or C			" Top Vertical Angle to Tank side Bracket forward ½ len. from stem	5 3 37	Single
" " Second 'tween Decks, Angle, [or C			" " Gussets, spacing and scantling abaft ½ len. from stem	none	
" " Third " " " "			" " Gussets, spacing and scantling forward ½ len. from stem	✓	
Framing in Peaks, Angle or [.....	5½ 3 36	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	64 37	approved D ²
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3" dia 7" apart etc.	✓	INNER BOTTOM PLATING.		
State if Frame Joggled	yes	✓	Breadth and thickness of Middle Line Strake	Throughout .50	✓
PANTING ARRANGEMENTS (Sec. 7), state system and particulars <i>Shell increased .06 aft of collision BHD. Frames spaced 23½" for 8'0" aft of collision BHD. Frames 9 x 3½ x 35 at 27" spacing. There is a 4 x 3 x 44 wave bar on frame No. 2.</i>			Thickness of remainder in Holds	Throughout .50	✓
TRENGTHENING OF BOTTOM FORWARD. State Particulars <i>Intermediate frames 5 x 3 x 30 5</i>			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?		
DOUBLE BOTTOM.			BEAMS. <i>RQD ½ beams</i>		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships in Wells, Angle, <i>E or C</i>	4 3 34	✓
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, <i>C or [</i>		
Middle Line Keelson, on Floors, Angles, [or C			Spacing	every frame	
" " Through Plate or Intercoastal Plate			Second Deck, amidships, Angle, [or C		
" " Foundation Plate on Floors			Spacing		
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, [or C		
Side Keelsons, No. each side			Spacing		
" " thickness of Intercoastal Plate...			Fourth Deck, amidships, Angle, [or C		
" " Angles			Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, [or C		
Solid Floors, thickness and spacing	34 at 27" spacing		Spacing		
" " Are Frame and Reversed Frame joggled?	yes		Bridge Deck, Angle, [or C		
Bracket Floors, breadth and thickness at middle line	none		Spacing	approved	
" " breadth and thickness at margin plate	✓		Forecastle Deck, Angle, <i>E or C</i>	5½ 3 31 5 x 3 x 41	
			Spacing	5 3 30 5 x 3 x 25	

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.....							
„ in 'tween Decks, Size and Spacing							
„ „ „ „ „							
„ in Holds „ „							
„ „ „ „ „							
Centre Line Bulkhead.							
Stiffeners and Spacing.....							
Plating, thickness of							
STRINGERS AND DECKS.							
Uppermost Continuous Deck. RQD"							
Stringer Plate, breadth and thickness in Wells	70 1/2	40 amidship to 36 at after end					
„ „ „ „ in way of Bridge	✓						
„ Angle in Wells ..amidship...	5	5 50 ✓ to 3 1/2 3 1/2 36 ✓					
Thickness of Plating abreast Deck openings in way of Wells	Stringer only						
Thickness of Plating abreast Deck openings in way of Bridge	✓						
Thickness of Plating within line of openings...	32 6	30					
If Sheathed, material and thickness	no						
Second Deck. UPPER D"							
Stringer Plate, breadth and thickness in Wells...	72	61 ✓ to 36 at fore end					
Stringer Plate, breadth and thickness in way of Bridge							
Thickness of Plating abreast Deck openings in way of Wells							
Thickness of Plating abreast Deck openings in way of Bridge							
Thickness of Plating within line of openings...							
If Sheathed, material and thickness							
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.....							
Plating, Sheathing, material and thickness ..							

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged?			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	61	54	50	52		Double	3/4	3	Triple	7/8	2 5/8	Lapped
„ DBLG. (if any)	✓											
BOTTOM PLATING, No. of Strakes	2 75 1/2	53	57	38	Bottom plating is .05 above approved thickness	"	"	"	"	3/4	2 5/8	✓
BILGE PLATING, No. of Strakes	2 75 1/2	53	44	44		"	"	"	"	"	"	"
SIDE PLATING, No. of Strakes	2 75 1/2	48	38	38	"	"	"	"	"	"	"	"
UPPER DECK, Sheer-strake in Wells	2 74 1/4	58 1/4	50	38	38	"	"	"	"	"	"	"
UPPER DECK, Sheer-strake in Bridge	2 74 1/4	61	38	-	-	"	"	"	"	✓	✓	"
STRAKE BELOW Sheer-strake in Wells												
STRAKE BELOW Sheer-strake in Bridge												
POOP SIDE PLATING												
BRIDGE SIDE PLATING												
FORECASTLE SIDE PLATING			.32	✓		Single	3/4	3	Single	3/4	2 5/8	Lapped

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—		Scantlings or Forging.		Scantlings.		Maker's Name.		Any departure from approved plans to be noted.	
Extending to Upper Deck (Sec. 3 c)									
Deck next below									
As per Rule									
		STIFFENERS.							
Plating Thickness.		VERTICAL.		HORIZONTAL.					
		Scantlings.	Spacing.	Scantlings.	Spacing.				
MIDSHIP BULKHEAD, Upper tween decks									
Frame No.	Second	31	25"	8x3x36 L	33	6x3x32 L			
"	Third	63	25"	7x3x33 L	24	6x3x34 L			
"	Holds	67	25"	7x3x33 L	24	6x3x34 L			
COLLISION		(in Hold)	106						
AFTER PEAK			6						
STEEL.		Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)							
		Dorman Long & Co. Ltd. - The Lanarkshire Steel Co. - The Steel Company of Scotland. Corbett Iron Co. - Cargo Fleet Iron Co. Ltd. - Munster Iron Co. Ltd. (O.H.)							
		Has the Steel been tested as required by the Rules? yes							

EQUIPMENT No 15933												LETTER 9	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.				
50355	1st Bower ...	33	0	0	1	-		30	17	2	0	33	Britannic	Richard/Hy/ma?	Cradley/Heath 20/5/37 L.P.	
50354	2nd „ ...	32	3	4	1	-		30	13	3	0	33	"	"	" " " "	
50356	3rd „ ...	28	2	21	1	-		27	13	3	0	28	"	"	" " " "	
	Collective weight.	94	1	25	1	-						94				
50323	Stream	8	2	8	2	0	20	10	15	0	0	8½	Ordinary	not stated	Cradley/Heath 20/5/37 L.P.	

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.	
	Length.	Diam.	Statu-tory.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.	Length.					Cir.	Length.		Cir.	
	Fathoms.	Ins.	Tons.	Tons.	Owts.	qrs.	lbs.	Owts.	Fathoms.	Ins.				Fathoms.	Ins.	Tons.	Fathoms.	Ins.
54584	120	1 1/8	5 1/4	7 1/4	172	1.21	172	38	240	1 1/8	Steel	Richard/Hy/ma? Cradley 14/5/37 L.P.	TOWLINE...	90	3 1/2	25.7	90	3 1/2
53839	120	1 1/8	5 1/4	7 1/4	174	1.14	172	38			Steel	" " " 8/1/37 "	HAWSERS & WARPS	2 @ 90	2 1/4	10.8	90	2 1/4
													"	2 @ 90	2 1/2	13.2	90	1 3/4
Iron Stream Chains or Steel Wire	75	4	-	33.2					75	4	F.S.W.		"					

Steering Gear, Steam *Donmires C^o (Hobson & Pinchcliffe)* Steering Gear, Hand *Revering Tachle*
Boats *2 at 20'* Steering Chains, Size and Test *1 1/2" n.w. 240* Windlass *Emerson Walmer (1 1/8")*
Ceiling in Holds, thickness and material *at bilges only. 2 1/2" n.w.* Cargo Battens, thickness, material and spacing *none*
Cargo Hatchways.—(Upper Deck) *Plates & angles (upper D^o 3-9" high) 4-6" high* Thickness of Hatches *3"*
Size of No. 1 Hatchway (Forward) *25' x 25'* No. 2 *38' x 27'* No. 3 *35' x 27'* No. 4 *18' x 27'* No. 5 — No. 6 —
Number of Shifting Beams and/or Fore and Afters *N^o 1. three - N^o 2. four - N^o 3. five - N^o 4. three*
FOR THE BURNTISLAND SHIPBUILDING COMPANY LTD.
Builder's Signature *J. S. Clark* DIRECTOR.

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
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo 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 and in general conformity with the Rules. The material & workmanship are good. The weather decks, the double bottom tanks, the deep tank, the fore & after beam tanks, and the bulkheads have been tested in accordance with the Rule requirements with satisfactory results. The Land pump has been run in good working order.

The shell plating to the stern frame is of midship Rule thickness. The vessel has a cruiser stern.

The following plans are forwarded herewith - Midship Section - Profile & Decks - Profile & Decks as built - Arrangement of forward tank girder dispensing with shell connections - Reader & Stern frames - Panting arrangement in fore peak - Also Profile & Decks (modification in way of coal bunkers) -

The amount of Entry Fee £ 5 : 0 : 0 Fees applied for, *26/6/1937*
Special Survey Fee.... £ 164 : 11 : 0 Received by me, *3. 7. 1937*
Travelling Expenses, if any £ 1 : 18 : 8
Freeboard 11-0-0
State whether the Vessel has been built under Special Survey
Certificate to be sent to *Leith* Date of issue *12/8/37*
Signature *Evan Edwards* Surveyor to Lloyd's Register of Shipping.

Hull
Committee's Minute *WED 4 AUG 1937*
Character assigned *+100A1*
Lloyd's A.T.C.P. *Cargo battens not fitted*
+ Lmc 7.37 Spc 70 Ch OG

Write to
Sta

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.)

modification to profile & deck - Rudder & stem frame - and one report on forging & one on casting.

The overall length of Vessel = 265' ✓
Sister Vessels = Corbrac & Corburn.

This vessel has now left for Sunderland for installation of Engines & Boilers and completion. The surveyors at that port have been advised that to complete this survey the steering gear & windlars remain to be run in working order, & the engine casings finally examined.

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

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	19-3-6	N.S.	1544	4-2-37
	2nd "	19-3-15	N.S.	1543	4-2-37
	3rd "	17-2-18	N.S.	1547	4-2-37

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 150 ft., Bridge ✓ ft., Forecastle 24.5 ft.
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated —

No. and Material of Decks One deck, steel ✓

Official No. ✓ ; Signal Letters ✓ 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,			Fore peak tank,	21.8	158 ✓
Double bottom, under Engines and Boilers,			After peak tank,	11.75	21 ✓
Double bottom, if under Engines only, N ^o 5	21.6	33 ✓	Deep tank, aft, amidship	9.0	166 ✓
Double bottom, if under Boilers only, N ^o 4	15.7	24 ✓	Deep tank, forward,		
Double bottom, forward, N ^o 1-2-3	176.5	224 ✓	Other tanks, if fitted,		
	Total capacity of double bottom	500 ✓	(If necessary, furnish further information by sketch.)		

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

Order for Special Survey No. 1267

Date 3/12/36

Dates of Surveys held while building

1937.
March 2. 8. 16. 19. 26 - April 6. 9. 16. 23. 29
May 10. 14. 18. 21. 25 28 - June 4. 8. 11. 17

Total No. of Visits 20