

9 JUL 1942

Rpt. 1.

STEEL STEAMER MOTORSHIP.

Received at London Office

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**

WRECK SECTION.
No. **325**

Date of completion of report **6 July 1942** Port of **MIDDLESBROUGH**
Survey held at **HAVERTON HILL ON TEES** Date First Survey **15th August, 1941** Last Survey **4th June, 1942**

On the **S.S. "EMPIRE BEAUMONT"**

State Type **Complete Superstructure without Tonnage Opening**

COMPLETE SUPERSTRUCTURE WITHOUT TONNAGE OPENING

State Type of Erections **F&G**

TONNAGE under Tonnage Deck **6571.98**

CLASS **100 R.I. W/F&B** (date if with freeboard) **YES**
Corresponding to R.I. (condition of Class) **YES**

Built at **HAVERTON HILL ON TEES**

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 426'0"**

Launched **MARCH 31st 42** Yard No. **345**

Total **6571.98**

Breadth (greatest moulded) **B 56'0"**

Builders **FURNESS, S.B. & CO.**

Gross Tonnage **7044.30**

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) **D 35'75"**

Owners **MINISTRY OF WAR TRANSPORT**

Register Tonnage **4780.47**

1st Longitudinal Number (L x D) **426 x 35.75 = 15193.75**

Managers **RUNCIMAN SHIPPING CO.**
(Where necessary to be entered in Reg. Book.)

2nd Numeral L x (B + D) **426 x (56'0" + 35'75") = 38493.75**

Residence **NEWCASTLE-ON-TYNE**

REGISTERED DIMENSIONS.

Length **431.3**
Breadth **56.2**
Depth **35.2**

Framing Depth "d" at middle of length. See Sec. 3 (1d) **23.3**

Proportions—Depth to Length—Uppermost continuous deck to top of keel **11.27**

Port of Registry **MIDDLESBROUGH**

If surveyed while building, afloat, or in dry dock

Do. Long Bridge to top of keel **26'9 1/2"**

SURVEYED 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	31' ✓		Bracket Floors, Frame	✓	
" " from 1/2 length amidships to Collision bulkhead	27' ✓		" " Reversed Frame	✓	
" " in peaks	24' ✓		" " Vertical Struts	✓	
DE FRAMING.			Centre Girder, depth and thickness amidships	43 1/2 52 1/2 46 1/2	
Frame Amidships, Angle, E or F	12 3 3/4 9/16	✓	" " top Angles	3 1/2 3 1/2 48	✓
" " Extends up to 2 nd DK ALT to UPPER DK.	✓		" " bottom Angles	4 4 54	✓
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	ONE 38 42 85	✓
" " Extends up to...	✓		Margin Plate depth (excl. of flange) and thickness	36 54 60	✓
Depth of Framing Girder	12	✓	" " Vertical Angle to Tank side	6 6 44	✓
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	8 3 1/2 35 7/16 TO 40 F.D.	✓	" " Bracket abaft 1/2 len. from stem	DOUBLE 6 6 44	✓
" " Second 'tween Decks, Angle, E or F	ALTERNATE TWO TO F.D. WITH INTERMEDIATE FRAMES 5 1/2 3 1/4	✓	" " Vertical Angle to Tank side	CONTINUOUS 6 6 44	✓
" " Third " " " "	REF 6 6 50	✓	" " Bracket from forward 1/2 len. from stem to Panting Area	CONTINUOUS 42 52 55	✓
" " from 1/2 len. for'd. to 15% len. from Stem	12 3 1/2 55 1/4	✓	" " Gussets, spacing and scantling abaft 1/2 len. from stem	CONTINUOUS PLATE 42	✓
" " in Peaks, Angle, E or F	8 3 1/2 35 7/16	✓	" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	7' 10 7/8	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 5 1/4	✓	Tank Side Brackets, height above base line at toe of Frame and thickness		
State if Frame Joggled	No		INNER BOTTOM PLATING.		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	YES	✓	Breadth and thickness of Middle Line Strake	7 1/4 50 52 1/2	✓
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	YES	✓	Thickness of remainder in Holds	44 52 Under Hatch.	✓
Are the 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	✓	BEAMS.		
ANGLE BOTTOM.			Uppermost Continuous Deck, amidships	8 3 1/2 42	✓
Floors, Depth and thickness at mid-line in Holds			" " in Walls, Angle, E or F		
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, E or F		
Middle Line Keelson, on Floors, Angles, E or F			Spacing	Every	✓
" " Through Plate or Intercoastal Plate			Second Deck, amidships, Angle, E or F	9 3 36	✓
" " Foundation Plate on Floors			Spacing	Every	✓
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, E or F		✓
Side Keelsons, No. each side			Spacing		✓
" " thickness of Intercoastal Plate			Fourth Deck, amidships, Angle, E or F		✓
" " Angles			Spacing		✓
DOUBLE BOTTOM.			Poop Deck, Angle, E or F		✓
Solid Floors, thickness and spacing	43 1/2 42 52 1/2	✓	Spacing		✓
" " Are Frame and Reversed Frame joggled?	No	✓	Bridge Deck, Angle, E or F		✓
Bracket Floors, breadth and thickness at middle line			Spacing		✓
" " breadth and thickness at margin plate			Forecastle Deck, Angle, E or F	9 3 42	✓
			Spacing	Every	✓

PILLARS AND DECKS.

PILLARS, No. of Rows.....	INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.
in 'tween Decks, Size and Spacing.....									
" " " " " "									
in Holds " "									
" " " " " "									
Centre Line Bulkhead.									
Stiffeners and Spacing.....	12	3 1/2	45						
Plating, thickness of	30								
STRINGERS AND DECKS.									
Uppermost Continuous Deck.									
Stringer Plate, breadth and thickness in Wells	65 1/2	65							
" " " " " in way of Bridge									
" Angle in Wells	6	6	60						
Thickness of Plating abreast Deck openings in way of Wells	55	60							
Thickness of Plating abreast Deck openings in way of Bridge									
Thickness of Plating within line of openings...	40								
If Sheathed, material and thickness	Not Sheathed								
Second Deck.									
Stringer Plate, breadth and thickness in Wells	82 1/2	38							
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 ..	32	32	32						

SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		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.									
FLAT PLATE KEEL	54	80	90	73	.70 } 1/2" 2 1/2" to Rule per of Coll BH see plan	Double.	7/8	3 1/4	4	1	4	LAPPED.	
" DBLG. (if any)	A	.63	.50	.62		"	"	"	"	"	"	"	"
	B	.63	.50	.62		"	"	"	"	"	"	"	"
	C	.63	.62	.62		"	"	"	"	"	"	"	STRAPPED.
BOTTOM PLATING, No. of Strakes	D	.65	.57	.57		"	"	"	"	"	"	"	
BILGE PLATING, No. of Strakes	E	.64	.57	.62		"	"	"	"	"	"	STRAPPED	
SIDE PLATING, No. of Strakes	F	.60	.45	.45		"	"	"	"	"	"	LAPPED	
	G	.60	.45	.45		"	"	"	"	"	"	"	
	H	.65	.45	.45		"	"	"	"	"	"	"	
UPPER DECK, Sheer-strake in Wells.....						"	"	"	4	1	4	LAPPED	
UPPER DECK, Sheer-strake in Bridge ...	77 1/2	73	46	46					3	7/8	3 1/2	LAPPED	
STRAKE BELOW Sheer-strake in Wells.....	83 1/2	65	46	46									
STRAKE BELOW Sheer-strake in Bridge ...													
POOP SIDE PLATING													
BRIDGE SIDE PLATING ...													
FORECASTLE SIDE PLATING													
</													

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	7
Extending to Upper Deck (Sec. 3 c)	7
Deck next below	7
As per Rule	7

STIFFENERS.

	Plating Thickness.	VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks	26	5 1/2	42	30	
" " Second "					
" " Third "					
" " Holds	34	26	12	3 1/2	45
COLLISION " (in Hold)	27	26	5 1/2	3	34
AFTER PEAK "	48	36	9	3 1/2	38

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	FLAT PLATE.			
STEM	10" x 2 1/2" ROLLER STEEL TO L.W.L. PLATED ABOVE.			
STERN FRAME	Propeller Post 1 1/2" DIA. 1 1/2" DIA. Rudder 10 1/2" DIA.			
Speed of Vessel	10 1/2 KNOTS.			
RUDDER—Type	DOUBLE PLATE.			
" A x D	146 x 3 1/2 578			
" Diam. of head	11 1/8			
" Mainpiece at top pintle	FABRICATED PLATE.			
" " heel				
" how constructed	PLATES E.W.			
" double or single plate coupling, vertical or horizontal	VERTICAL 3 BOLTS 3 1/2 DIA.			

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
 Plates, South Durham S. I. Co. Colville & Co.
 Angles, Conssett Iron Co. L. Dorman Long & Co. L. Anglo Saxon & Co. L.
 Has the Steel been tested as required by the Rules? YES.

EQUIPMENT No 4005275.										LETTER <i>af</i>			ANCHORS. 2.13.15.		
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.				
26878	1st Bower ...	68	1	14				52	18	3	0	68-0-0	Byers Stockless.		Loughlin, 9-12-41 R.G.
26741	2nd " ...	67	2	14				52	10	0	0	68-0-0	Do		" 26-5-41 W.H.
	3rd " ...														
	Collective weight.	136	0	0								136-0-0			
1416	Stream	19	0	5	4	3	15	19	19	2	21	19-0-0			NETHERTON 30-1-42. J.A.R.

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.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.		
116780	105	2 1/16	1344	96 1/4	285	3	18	600	225	2 1/2	5th L.I.M.	-	NEWCASTLE 30-1-43.	TOWLINE	120	4 3/4	64.6	120	4 3/4		
116749	120	"	"	"	326	1	21	Rule	270	"	"	✓	"	HAWSERS & WARPS	240	2 3/4	15.2	290	2 3/4		
	225				FOR EQUIPMENT SEE LETTER.																
Iron Stream Chain or Steel Wire	90	5		528					90	5				"							

Steering Gear, Type (Power or hand) *DONKIN & CO'S STEAM DIRECT TELEMOTE.* Alternative Means of Steering *Blocks & Tackle Led to WINCH*

Steering Chains (Size and Test) *NONE FITTED* Windlass *CLARK & CHARMAN CO'S DIRECT ACTION QUICK WINDING.*

Ceiling in Holds, thickness and material *OVER LIMBERS ONLY.* Cargo Battens, thickness, material and spacing *NOT FITTED.*

Cargo Hatchways. (Upper Deck) *12' 3 1/2" x 32' 5 1/2" 10' 3 1/2" x 44' 4 1/2" 10' 3 1/2" x 44' 4 1/2"* Thickness of Hatches *1" 2.3.5.6, 2 1/2" 1" 4 2 3/4" W.P.*

Size of Hatchways No. 1 (Fwd.) *31' 6" x 20' 0"* No. 2 *31' 0" x 20' 0"* No. 3 *31' 0" x 20' 0"* No. 4 *12' 11" x 20' 0"* No. 5 *31' 0" x 20' 0"* No. 6 *31' 0" x 20' 0"*

Number of Shifting Beams *7 1/2* *No. 1. 18 1/2" x 10 1/2" x 36" No. 2. 3.5.6. 17 1/4" x 10" x 36" No. 4. 10 1/2" x 11 1/2" x 38"*

Builder's Signature *J. Mc Govern* DIRECTOR

Shifting beams at 2nd deck fitted with bolted wooden strips

see letter 25.7.42 attached

Hatch covers fitted at 2nd dk

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, drawings letters and in general conformity with the Rules and regulation for the class contemplated.

All double bottom tanks, deep tanks in fore hold, tunnel tank in after hold, fore and after peak tanks have been tested to rule requirements with satisfactory results.

The Bulkheads, tunnel, weather decks & 2nd deck have been tested with water from a hose and found tight.

The steering gear & auxiliary steering gear, Windlass, Winches have been tested under working conditions and found satisfactory.

The freeboard has been marked & cut in on vessel's sides & verified.

The workmanship and materials are good.

The amount of Entry Fee £ 10 : 0 : 0 Fees applied for, *4th July 1942*

Special Survey Fee £ 376 : 2 : 0 Received by me, *19*

Specification 94 0 6

Travelling Expenses, if any £ *Freeboard.* 18-0-0

State whether the Vessel has been built under Special Survey *4/10* Signature *G. B. Leamer*

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

No CARGO BATTENS FITTED. CRUISER STERN.

I am of opinion the Vessel should be Classed *100 A.1. With freeboard corresponding to an extreme draught of 26' 9"*

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Windsor* Date of issue *12/8/42*

W. Knapp

Committee's Minute

Character assigned *+100A1*

With freeboard

Lloyd's Arch. of. E.S.D.

Wm. J. Pl

tdmb. 5.42

20. Ca.

W1173-0065 12

The Surveyor is requested not to write on or below the Committee's Minutes.

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 approved plans?

PARTICULARS OF ELECTRIC WELDING (if employed)

Stem Frame & Rudder electrically welded with approved electrodes.

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

Vessel fitted with winchless, Direction Finding, Echo Sounding, Cruiser Stern.
Cargo battens not fitted.

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

1st Bower	39-3-19	A.H.T.G.	N° 4115	30-7-41.
2nd "	41-0-2.	J.T.	N° 3895	31-3-41.
3rd "				

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

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

Official No. 164854. Signal Letters Extreme Breadth over Belting ☒ Over-all Length 446-5 1/2" ☒
(Circ. 1611) (Circ. 1708)

No. and Material of Decks 2 D⁴ (50)

Parts of Bottom of Vessel coated with cement or approved composition all tanks cement washed & cement fillets fitted.
Fore & after peak's cement in bottom. Cement not fitted in tank under boilers. See letter.

Particulars of composition (if fitted) and of approval. 25.7.42

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.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	62'0"	227	Fore peak tank,	22'4"	118
Double bottom, under Engines and Boilers, ^{NOT INCLUDING TUNNEL SIDES}	49'1"	349	After peak tank,	20'0"	114
Double bottom, if under Engines only,	28'5"	131	Deep tank, aft, ^{TANK IN WAY OF TUNNEL}	49'1"	349
Double bottom, if under Boilers only,	18'1"	83	Deep tank, forward, ^{Deep tanks at sides (1 p. 215)}	14'0"	250
Double bottom, forward,	209'9"	813	Other tanks, if fitted,		
Total length (if continuous) and Capacity	318'3"	1603	(If necessary, furnish further information by sketch.)		

1254

Order for Special Survey No. 1543

Date 7. 11. 41.

Dates of Surveys held while building

1941 Aug. 15. Sept. 3. 11. 23. 25. 30. Oct. 2. 21. 28. 30. Nov. 6. 10. 13. 24. Dec. 2. 12. 24. 1942 Jan. 9. 30.
Feb. 6. 9. 10. 11. 16. 19. 24. 26. Mar. 5. 6. 11. 13. 16. 17. 19. 20. 23. 25. 26. 28. 29. Apr. 7. 14. 17. 30.
May 5. 7. 11. 12. 14. 19. 20. 21. 22. 28. 29. June 2. 4.

Total No. of Visits 54.