

JAMES CLONIES

Comptrol EDDYSTONE

Rpt. 1

STEEL STEAMER OR MOTORSHIP.

Received at London Office

State if Report has been sent on the Freeboard of the Vessel. *No*State if Report is sent on the Machinery of the Vessel. *Yes*

Date of completion of report

19th December 1947 Port of *West Hartlepool*

No. 18885

Survey held at

West Hartlepool

Date First Survey

31st December 1943

Last Survey

1948

On the

(State if Machinery fitted Aft and if Single, Twin or Triple Screw)

Single Screw EX "COULLIN SOUND"

State Type

(Full Scantling, Complete Superstructure with or without Tonnage Openings)

Complete Superstructure without T.O.

State Type of Erections

Stair & Roof

TONNAGE under Tonnage Deck ...

6717.86

CLASS

+ 100 A -

State if with freeboard as condition of Class

not assigned

Built at

West Hartlepool

Launched

*2.11.44*Yard No. *1171*

Builders

William Gray & Co. Ltd.

Owners

The Admiralty

Managers

(Where necessary to be entered in Reg. Book)

Residence

Port of Registry

If surveyed while building, afloat, or in dry dock

Building & afloat.

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

Total

nage

age

RED DIMENSIONS.

FEET

*431.3**56.2**35.6*

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

425'-0"

Breadth (greatest moulded)

56'-0"

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

*38'-0"*1st Longitudinal Number (L x D) *425 x 37 =**15725*2nd Numeral L x (B + D) *425 (56 + 37) =**39525*

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

21.83

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

11.18

Do. Long Bridge to top of keel

Draught Moulded

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.
Spacing amidships	<i>36"</i> ✓		Bracket Floors, Frame	✓	
" from 1/2 length amidships to Collision bulkhead	<i>27"</i> ✓		" " Reversed Frame	✓	
" in peaks	<i>24"</i> ✓		" " Vertical Struts	✓	
PLATING.			Centre Girder, depth and thickness amidships	<i>43 1/2" x 54"</i> ✓	
amidships, Angle, <i>E or F</i>	<i>12 3/2 5/8</i> ✓		" " top Angles	<i>3 1/2 3 1/2 48</i> ✓	
" Extends up to	<i>2nd deck & every 3rd frame to upper deck</i> ✓		" " bottom Angles	<i>4 4 54</i> ✓	
Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	<i>2</i>	
" Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	<i>56</i> ✓	
Framing Girder	<i>12"</i> ✓		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	<i>6 1/2 6 1/2 55</i> ✓	
in Uppermost Continuous 'tween Decks, Angle, <i>E or F</i>	<i>6 3/2 x 44 angle with 12 x 3 1/2 x 5/8 BR every 3rd</i> ✓		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	<i>6 1/2 6 1/2 55 T.</i> ✓	
Second 'tween Decks, Angle, <i>E or F</i>	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	<i>14" x 42 Flange</i>	
Third	✓		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	<i>14" x 42 "</i>	
m 1/2 len. for'd. to 15% len. from Stem	<i>12 3 1/2 5/8</i> ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	<i>9' 3 1/2" x 48</i> ✓	
Peaks, Angle, <i>E or F</i>	<i>8 3 1/2 35</i> ✓		INNER BOTTOM PLATING.		
and Spacing of Rivets through Frame and Shell Plating amidships	<i>Side 1/2" 3 1/2" Bottom 1/2" 3 1/2" T</i> ✓		Breadth and thickness of Middle Line Strake	<i>46 m holds 5/4 under holdways filled with plates & welded</i> ✓	
Frame Joggled	<i>Yes</i> ✓		Thickness of remainder in Holds	<i>Yes</i> ✓	
scantlings and arrangements in the Area in accordance with the Rules as approved?	<i>Yes</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?	<i>Yes</i> ✓	
scantlings and arrangements in way Bottom Forward in accordance with Rules and/or as approved?	<i>Yes</i> ✓		BEAMS.		
FROM.			Uppermost Continuous Deck, amidships in Wells, Angle, <i>E or F</i>	<i>15 x 4 x 4 x 1/2" with sides of new angle as per approved plans 12 x 4 x 4 x 1/2" Transverse 9'0" apart Long beams 6 x 3 1/2 x 40 3' 1/2" to 3' 7 1/2" apart</i> ✓	
Depth and thickness at mid-line in Holds			" " in way of Bridge, Angle, <i>E or F</i>		
Height of Brackets at side above base line at toe of frame			Spacing	<i>14 x 1" and 16 x 1" under</i>	
Keelson, on Floors, Angles, <i>E or F</i>			Second Deck, amidships, Angle, <i>E or F</i>	<i>Canilevers beams every 3rd frame Long beams 7 x 3 x 40 3' 2 3/4" to 3' 9 1/4" apart</i> ✓	
" Through Plate or Intercoastal Plate			Spacing		
" Foundation Plate on Floors			Third Deck, amidships, Angle, <i>E or F</i>	<i>14 x 6 x 4 1/2" I 4 frame space apart Long beams 7 x 3 x 40 3' 2 3/4" to 3' 9 1/4" apart material fabricated</i>	
" Flat Plate Keel Angles			Spacing		
ons, No. each side			Fourth Deck, amidships, Angle, <i>E or F</i>	<i>See approved Plans & letter 19.2.48</i>	
thickness of Intercoastal Plate			Spacing	<i>9 x 3 x 46 1/2 7 x 3 x 33 36' 30" & 24"</i> ✓	
Angles			Poop Deck, Angle, <i>E or F</i>		
DOUBLE BOTTOM.			Bridge Deck, Angle, <i>E or F</i>		
Solid Floors, thickness and spacing	<i>42 every frame Yes No</i> ✓		Spacing	<i>8 x 3 x 42 6 8 x 3 x 34 27' 24"</i> ✓	
" Are Frame and Reversed Frame joggled?	✓		Forecastle Deck, Angle, <i>E or F</i>		
Bracket Floors, breadth and thickness at middle line	✓		Spacing		
" breadth and thickness at margin plate	✓				

(MADE IN ENGLAND.)

W426-0102 1/2

PILLARS AND DECKS.

[illegible]

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	SINGLE OR DOUBLE.	RIVETS.		No. of Rows OF RIVETS.	RIVETS.	
	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.....	55 7/8	.80	.70	.70		Double	7/8	3 1/2	welded			
„ Dblg. (if any)												
Bottom Plating, No. of Strakes 3 }	A B C	.64 .68 .64	.50	.50	also .75 x .70 in flat of bottom forward	Double	7/8	3 1/2	Quad	7/8	3 1/2	
Bilge Plating, No. of Strakes 2 }	D E	.68 .68	.50	.50	Side plating increased to .58 in way of porting in line of stringers.	Double	7/8	3 1/2	Quad	7/8	3 1/2	
Side Plating, No. of Strakes 2 }	F G	.68 .68	.46	.46		Double	7/8	3 1/2	Triple	7/8	3	
Upper Deck, Sheer- strake in Wells.....	J 92 1/8	.73	.46	.46		-	-	-	Quad	1	4	
Upper Deck, Sheer- strake in Bridge ...												
Strake below Sheer- strake in Wells.....		.68	.46	.46		Double	7/8	3 1/2	Double	7/8	3	
Strake below Sheer- strake in Bridge ...												
Poop Side Plating.....		.50		.46		Single	3/4	3	Double	3/4	2 7/8	
Bridge Side Plating.....												
Forecastle Side Plating			.40			Single	3/4	3	Single	3/4	2 7/8	

WATERTIGHT BULKHEADS.

FORGINGS AND CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—		Casting or Forging.	Scantlings.	Maker's Name.
Extending to Upper Deck (Sec. 3 c)	Collision Bhd to Upper deck			
„ Deck next below	6 W.T. Bhd to 2 nd deck 5 divisional W.T. Bhd in 'tween decks			
As per Rule	7.			

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks	26	Loughed plates ✓			
„ „ Second „					
„ „ Third „					
„ „ Holds	34	Loughed plates ✓			
COLLISION „ (in Hold)	52½-30	8x3x40 ✓	24" ✓	Semi box beam ✓	
AFTER PEAK „	50-75-30	6x3x30 ✓	24" ✓	Semi box beam ✓	

	Casting or Forging.	Scantlings.	Maker's Name.
KEEL, Bar			
STEM	rolled bar	10x2½ ✓	
STERN FRAME	Propeller Post	10½x8 ✓	CIMEN
	Rudder	10½x8 ✓	"
Speed of Vessel	11 knots		
RUDDER—Type	ordinary		
„ A x D.	577.1		
„ Diam. of head	11 5/8		CIMEN
„ Mainpiece at top pintle			
„ „ heel	Fabricated ✓		
„ how constructed			
„ double or single plate coupling, vertical or horizontal	double welded		
	Vertical.		

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
	South Durham S & I Co, Dorman Long & Co, Cargo Sheet Iron Co, Consett Iron Co, Skinningrove Iron Co Ltd.
	Has the Steel been tested as required by the Rules? Yes. ✓

EQUIPMENT No. 40157										LETTER at										ANCHORS.									
INCHES IN SHIP.			Any			Anchors.			WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 58.			Description of Anchor.			Makers.			Where and when tested, and Superintendent.		
									Cwts. qrs. lbs.			Cwts. qrs. lbs.			Tons. cwt. qrs. lbs.			Cwts.											
1st Bower																													
2nd "																													
3rd "																													
Collective weight																													
Stream																													

CHAIN CABLES.										HAWSERS AND WARPS.											
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.	Stat.	Break.	Supplied.	Per Rule.	Length.	Diam.							Length.	Cir.	Tons.	Length.	Cir.			
Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.	Fathoms.	Ins.							Fathoms.	Ins.		Fathoms.	Ins.			
240	2"	100.8	141.1	588.1.14	-	225	2 1/4"	Tayco	S. Taylor & Sons	Keth.	15/9/44	Ref.	TOWLINE	120	4 3/4"	64.6	120	4 3/4"			
													HAWSERS & WARPS	2-90	2 3/4"	15.2	2-40	2 3/4"			
														4-90	7" manila		2-90	2 1/2"			
90	5"			52.8		90	5"														

Gear, Type (Power or hand)		Main Barker & Co. Steam & Electric		Alternative Means of Steering		none fitted per letter from ADMB 21.4.44	
Chains (Size and Test)				Windlass		Boats	
in Holds, thickness and material		3" wood over bilges		Cargo Battens, thickness, material and spacing		none fitted	
Hatchways.—(Upper Deck)		Plates & angles		Thickness of Hatches		3"	
Hatchways No. 1 (Fwd.)		Plated over		No. 2		Plated over	
of Shifting Beams		Fore and Afters		Builder's Signature		FOR WILLIAM GRAY & CO. LIMITED	

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 Yes 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 indicated, together with the flash point (where required to be inserted in the Notation).

This vessel was built in conformity with the Society's rules & regulations and the Secretary's letters. The scantlings & arrangements are in accordance with, or equivalent to, those shown on the approved plans. The materials & the workmanship are good. All double bottom tanks, peak tanks, and deep tanks forward, aft in way of tunnel, & in machinery space have been tested as required by the rules & found satisfactory. The weather decks, W.T. Bulkheads, tunnel, have been satisfactorily tested. The windlass & steering gear have been satisfactorily tested under working conditions. Auxiliary steering gear was not fitted as per letter from ADMB. 21.4.44. The requirements of Section 20 of the Rules for steel ships, where applicable, have been complied with for the carriage of oil fuel having a flash point above 150°F. oil fuel is carried in Nos 2, 3, 5 & 7 D.B tanks & oil settling tanks.

Scantlings.		Maker's Name.		Fees applied for,		(Special notations, where part of class, to be stated.)	
10 1/2 x 22		C.M.E.N.		Amount of Entry Fee		19	
10 1/2 x 8		C.M.E.N.		Special Survey Fee		19	
10 1/2 x 8		C.M.E.N.		Travelling Expenses, if any		19	
11 knots ordinary		C.M.E.N.		Whether the Vessel has been built under Special Survey		Yes	
577.1		C.M.E.N.		Date to be sent to		Date of issue	
11 7/8		C.M.E.N.		Committee's Minute		FRI. 26 NOV 1948	
Fabricated		after assigned		Signature		Surveyor to Lloyd's Register of Shipping.	
double trilled vertical				for the late C.B. Brown & for T. Hall			
open hatch		Consent Iron					

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 the Plans should be embodied.)

This vessel was built of "C" type design.
Plans & forging reports attached.
The Platform deck was fabricated.
Transverse beams were fabricated.

This vessel was built by Messrs William Gray & Co West Hartlepool
but left West Hartlepool in January 1946 for Middlesbrough
where she was completed by Messrs Smith Dock Co.

Solid Ballast:— Solid ballast was fitted in Nos 1, 3 & 5 Holds.

PARTICULARS OF ELECTRIC WELDING (if employed) Transverse bds welded to tank top & decks, Tank
plating welded, 2nd deck stringer cheek plates welded to stringers & shell.
Jurnal butts & seams welded. Keel butts welded.

Approved welding rods used.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book. Gunner Stem. Two decks.
Collision bds to weather deck, 6 bds to 2nd deck, 5 divisional W.T. bds in 'tween
cargo battens not fitted. Long framing at decks.
Fitted for oil fuel 8.45. F.P. above 150°F.

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

1st Bower }
2nd " } Supplied by Admiralty.
3rd " }

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 34.5 ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle

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

Official No. Signal Letters Extreme Breadth over Belting (Circ. 1611)

Over-all Length 447' (Circ. 1703)

No. and Material of Decks Two decks. Steel

Parts of Bottom of Vessel coated with cement or approved composition For a peaks & double bottom under boilers cemented

Remainder of double bottom tanks cemented over rivet heads.

Particulars of composition (if fitted) and of approval

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

Where Fitted.	Length. Feet.	Salt Water Capacity. Tons.	Where Fitted.	Length. Feet.
Double bottom, aft, No 7 & 8 tank	63.0	232	Fore peak tank,	
Double bottom, under Engines and Boilers,	45.0	187	After peak tank,	
Double bottom, if under Engines only,			Deep tanks aft, incl No 8 D.B. Tank i.e. of Tank	51.0
Double bottom, if under Boilers only,			Deep tank, forward,	15.7
Double bottom, forward,	208.5	823	Other tanks, if fitted,	21.0
Total length (if continuous) and Capacity	367.5	1565	Engine Room pos.	6.0
	316.5	1242	Oil fuel settling tank pos	

WEST HARTLEPOOL.

Order for Special Survey No. 2486

Date 15-12-43

Dates of Surveys
held while building

1943. Dec. 31. 1944. Jan. 4. 6. 7. 11. 14. 16. 18. 19. 27. 28. Feb. 2. 3. 8. 14. 18. 22. March 2. 3. 6. 8.
April 12. 13. 18. May 2. 9. 10. 17. June 7. 9. 15. 23. July 20. Aug. 15. 16. 28. 30. Sept. 11. 13.
21. 25. 27. 28. 29. Oct. 5. 9. 10. 12. 13. 17. 18. 20. 23. 24. 30. Nov. 2. 7. 11. 12. 13. 16. 20. 27. Dec. 11.
28. 1945. Jan. 3. 6. 9. 11. 12.
M'Bno. 1945. March 27. May 5. Aug. 7. 9. 22. 29.

Total No. of Vis

Lloyd's Register
Foundation