

## STEEL STEAMER OR MOTORSHIP.

Received at London Office

28 JUL 1943

State if Report has been sent on the Freeboard of the Vessel

Yes

State if Report is sent on the Machinery of the Vessel

Laid up for 10 months

Date of completion of report

21 JUL 1943

Port of

LIVERPOOL

No.

119767

Survey held at

Northwich

Date First Survey

10th June 1942

Last Survey

6th July 1943

On the

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

Steam Coaster "C 614"

Single Screw Machinery fitted aft.

State Type

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

Full Scantling

State Type of Erections

Long pier &amp; Yards

TONNAGE under

252.25

CLASS

+ 100 A.1.

State if with freeboard

as condition of Class

Built at

Northwich

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)

124'-0 1/4"

Launched

Feb. 24th 1943.

Yard No. 713

Breadth (greatest moulded)

24'-6"

Builders

Messrs W.J. Yarwood &amp; Sons (1938) Ltd.

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

10'-9"

Owners

Naval Stores Dept.

1st Longitudinal Number (L x D)

1331

Managers

(Where necessary to be entered in Reg. Book)

2nd Numeral L x (B + D)

4365

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

9'-6"

Residence

-

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

1/15

Port of Registry

London

Do. Long Bridge to top of keel

10'-1 1/8"

If surveyed while building, afloat, or in dry dock

While Building

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.
FRAMES, Spacing amidships	21	✓	Bracket Floors, Frame		
" " from 1/2 length amidships to Collision bulkhead	21	✓	" " Reversed Frame		
" " in peaks	19	✓	" " Vertical Struts		
SIDE FRAMING			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, [ or ]	4 3/4	✓	" " top Angles		
" " Extends up to	4 3/4	✓	" " bottom Angles		
Reversed Frame Amidships, Angle, [ or ]	3 1/2	✓	Side Girders, No. each side and thickness		
" " Extends up to	2 1/2	✓	Margin Plate depth (excl. of flange) and thickness		
" " (A) at ends & middle of each hatch to upper deck or main frame	2 1/2	✓	" " Vertical Angle to Tank side Bracket, abaft 1/4 len. from stem		
Depth of Framing Girder	5	✓	" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area		
Frames in Uppermost Continuous 'tween Decks, Angle, [ or ]			" " Gussets, spacing and scantling abaft 1/4 len. from stem		
" " Second 'tween Decks, Angle, [ or ]			" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area		
" " Third			Tank Side Brackets, height above base line at toe of Frame and thickness		
" " from 1/2 len. for d. to 15% len. from Stem			INNER BOTTOM PLATING		
" " in Peaks, Angle or [			Breadth and thickness of Middle Line Strake		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships			Thickness of remainder in Holds		
State if Frame Joggled	no	✓	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?		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	as apprd.	✓	BEAMS		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	as apprd.	✓	Uppermost Continuous Deck, amidships in Wells, [ or ]		
SINGLE BOTTOM.			" " in way of Bridge, Angle, [ or ]		
Floors, Depth and thickness at mid-line in Holds	13	✓	Spacing		
Height of Brackets at side above base line at toe of frame	29	✓	Second Deck, amidships, Angle, [ or ]		
Middle Line Keelson, on Floors, Angle, [ or ]	9	✓	Spacing		
" " Through Plate or Inter-costal Plate	33	✓	Third Deck, amidships, Angle, [ or ]		
" " Foundation Plate on Floors			Spacing		
" " Flat Plate Keel Angles	3	✓	Fourth Deck, amidships, Angle, [ or ]		
Side Keelsons, No. each side	2 in holds, 1 in boiler room	✓	Spacing		
" " thickness of Inter-costal Plate	30	✓	Poop Deck, Angle, [ or ]		
" " Angles	5	✓	Spacing		
DOUBLE BOTTOM.			Bridge Deck, Angle, [ or ]		
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			Forecastle Deck, Angle, [ or ]		
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate					

(MADE IN ENGLAND.)

013890-013899-0051



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	One pillar on each side of each hatch				
"	in 'tween Decks, Size and Spacing				
"	"				
"	in Hold				
Centre Line Bulkhead, Stiffeners and Spacing					
Plating, thickness of					
STRINGERS AND DECKS.					
Uppermost Continuous Deck.					
Stringer Plate, breadth and thickness in Wells					
"	in way of Bridge				
"	Angle in Wells				
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					
Second Deck.					
Stringer Plate, breadth and thickness in Wells					
Stringer Plate, breadth and thickness in way of Bridge					
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					

STAKES.				AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.		EDGES.		RIVETING.					
				AMIDSHIPS.		FORWARD.				State if forged?		BUTTS.					
				Thickness.		Thickness.				SINGLE OR DOUBLE.		RIVETS.					
				Inches.		Inches.						No. of Rows of Rivets.					
				Inches.		Inches.						Rivets.					
				Inches.		Inches.						Diam. Spacing cr. to cr.					
				Inches.		Inches.						Diam. Spacing cr. to cr.					
				Inches.		Inches.						Inches. Inches.					
				Inches.		Inches.						Inches. Inches.					
Flat Plate Keel.....	35	✓	50	✓	50	✓	42	✓			Double	3/4	2 5/8	Treble	3/4	2 5/8	Lapped
„ Dblg. (if any)	✓																
Bottom Plating, No. of Strakes .....	51	✓	32	✓	35	✓	28 - 30	✓			Single	5/8	2 1/2	Double	5/8	2 1/4	„
Bilge Plating, No. of Strakes .....	51	✓	32	✓	28	✓	28	✓									
Side Plating, No. of Strakes .....	59	✓	32	✓	31	✓	28	✓									
Upper Deck, Sheer-strake in Wells.....	55	✓	5 AT 38	✓	34	✓	34	✓						Double &	5/8	2 3/4	Lapped
Upper Deck, Sheer-strake in Bridge .....	✓																
Strake below Sheer-strake in Wells .....	59	✓	32	✓	31	✓	28	✓						Double	5/8	2 1/4	„
Strake below Sheer-strake in Bridge .....	✓																
Poop Side Plating.....	35	✓	30	✓	✓	✓	24	✓			Single	5/8	2 1/2	Double	5/8	2 1/4	„
Bridge Side Plating.....	✓																
Forecastle Side Plating .....	36	✓	24	✓	3/8	✓	✓	✓			Single	5/8	2 1/2	Double	5/8	2 1/4	„

Total No. of W.C. BULKHEADS in Vessel—		Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
Extending to Upper Deck (Sec. 3 c)	4	KEEL, Bar			
" Deck next below	✓	STEM	Rocket bar 6 x 1 1/8	✓	
As per Rule	3	STERN Propeller Post	F.I. 5/2 x 2 3/4	✓	

	Casting or Forging.	Seantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	✓			
STEM	Rockwell bar	6 x 1 1/2	✓	
STERN	Propeller Post	F.I.	5/16 x 2 3/4	✓

		Plating Thickness.	STIFFENERS.				Speed of Vessel	Rudder
			VERTICAL.		HORIZONTAL.			
			Scantlings.	Spacing.	Scantlings.	Spacing.		
MIDSHIP	BULKH'D, Upper 'tween decks	✓					Under 10 Knts	✓
"	" Second "	✓					Semi balanced	
"	" Third "	✓					Type	
"	" Holds	31-26	6x3x38 L	2'-6"	-		A x D	63
COLLISION	(in Hold)	31-30	6x3x38 L	2'-0"	✓		Diam. of head	F.S. 4 1/2"
AFTER PEAK	"	31-30	5x3x38 L	2'-0"	✓		Mainpiece at top of plate	F.S. 4 3/8"
							25, 40% heel	3 1/4"
							How constructed	Double plate
							double or single plate	double
							coupling, vertical or horizontal	horizontal

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open Heart.*  
*Yes.* - *Dorman Longs, Appleby Frodingham Steel Co. Ltd., and Colvilles.*  
 Has the Steel been tested as required by the Rules? *Yes.* ✓

[illegible]

Steering Gear, Type (Power or hand) Steam (Yanwoods) Alternative Means of Steering Hand & Reliving tackle

Steering Chains (Size and Test) "16" dia (L.R. test) Windlass Clark & Chapman, steam Boats 22 18'-0" x 6'-5" x 2'-6"

Ceiling in Holds, thickness and material 3 thick w/pine Cargo Battens, thickness, material and spacing ✓

Cargo Hatchways.—(Upper Deck) 2 in N<sup>o</sup> self trimming hatches fitted in upper Deck in well Thickness of Hatches 2 3/4 thick w/p. ✓

Size of Hatchways No. 1 (Fwd.) 18' x 12' ✓ No. 2 18' x 12' ✓ No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓

Number of Shifting Beams and/or Fore and Afters 2 in N<sup>o</sup> to each hatch ✓

Builder's Signature W. J. WARWOOD & SONS (1938) LTD

**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 (where required to be inserted in the Notation).

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

The workmanship and materials are good. The fore and after peak tanks and bilge feed tanks have been fitted according to rule and found satisfactory.

The decks, casings, bulkheads and sidescuttles in shell have been hose tested with <sup>SEI</sup>satisfactory <sup>PLR-1</sup> results.

The steering gear and winch have been tested under working conditions and found efficient.

The assigned freeboards have been marked on the vessels side, cut in, and verified.

The amount of Entry Fee ..... \$3.00 : 23 JUL 1948 (Special notations, where part of class, to be stated.)

Special Survey Fee..... £34 : 12 : 0  
*Freeboard* 6 - -  
 Travelling Expenses, if any ..... £ 9 : 16 : -

Received by me,  
 19

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

State whether the Vessel has been built under Special Survey Yes.

Certificate to be sent to 188A 195 201 204 205 206 207

Date of issue, 16/9/43.

Signature M. Boylan.  
Surveyor to Lloyd's Register of Shipping.

Committee's Minute LIVERPOOL 27 JUL 1943 FRI 6 AUG 1943  
Character assigned Excluded to Prison. +100A

10 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047 10

Wm. J. P. ...

2004



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.)

The following approved plans are returned herewith:—  
Scantlings, Sections, Shell plating,  
Engine seats, Bulkheads, Stemframe & Rudder.

Forging Certificates for the stemframe and Rudder are also returned.

This is the first vessel of this design.

PARTICULARS OF ELECTRIC WELDING (if employed)

Hatch coaming stiffeners, Bulwark stanchions, Hatch cleats, fittings etc. welded.

Murex approved electrodes and procedures used.

Workmanship carefully examined and found satisfactory.

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

Sheathing omitted on Poop Deck.

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

4. 1. 19.

A.E.G.

13. 8. 42.

2nd

4. 1. 21.

A.E.G.

6. 8. 42.

3rd

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 54' 3 1/2" ft., R.Q.D. ft., Bridge ft., Forecastle 19' 7" ft.

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

Official No. 168464 Signal Letters BRZR Extreme Breadth over Belting 25' 10" Over-all Length 133' 4 5/8"

No. and Material of Decks One Steel

Parts of Bottom of Vessel coated with cement or approved composition. Fore and after Peak tanks "Bitumastic" enamelled. Bottom of vessel to turn of bilge cemented throughout. Entire holds, and floors in Engine & Boiler rooms Bitumastic Enamelled.

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. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank, fr. 62 to stem. Keel to upper deck.	15' 2 1/2"	48 1/2
Double bottom, under Engines and Boilers,			After peak tank, stern to fr. 4.	6' 9 1/2"	14
Double bottom, if under Engines only,			Deep tank, aft, wing tanks in midship part		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted, under fore (fr. 21 to 15).	3' 6"	11 1/2 (TOTAL)
Total length (if continuous) and Capacity			(If necessary furnish further information by sketch.)		

Order for Special Survey No. 1350	Dates of Surveys held while building
Date 19/6/42	1942 June 10. 17. 24. July 3. 8. 22. 28. Aug 12. 19. 27. Sept 23. Oct 1. 8. 22. Nov 10. 17. Dec 1. 3. 5. 10. 15. 17. 29. 31.
	1943 Jan 22. 25. 28. Feb 2. 6. 9. 12. 17. 19. 20. 24. 26. Mar 2. 9. 10. 16. 24. 26. Apr 1. 7. 9. 12. 15. 20. 28. May 6. 11. 13. 19. 26. June 1. 8. 26. 29. July 2. 5. 6.