

REPORT ON MACHINERY.

No. 42289

Date of writing Report 6. 11. 22 When handed in at Local Office 6. 11. 22 Port of Glasgow
No. in Survey held at Dalnair Date, First Survey 8th Mar 1921 Last Survey 27th Oct. 1922
Reg. Book. S.S. British Merchant (Number of Visits 37)
Master Built at Dalnair By whom built Tom Beardmore & Co. (622) when built 1922
Engines made at Dalnair By whom made Tom Beardmore & Co. (622) when made 1922
Boilers made at Dalnair By whom made Tom Beardmore & Co. (622) when made 1922
Registered Horse Power 673 Owners British Tanker Co. Ltd Port belonging to London
Shaft Horse Power at Full Power 3340 Is Refrigerating Machinery fitted for cargo purposes No Is Electric Light fitted Yes

URBINE ENGINES, &c.—Description of Engines 3u Manchester Report No. 4822 No. of Turbines
Diameter of Rotor Shaft Journals, H.P. L.P. Diameter of Pinion Shaft 1st Red 4 3/4" Wheel 7" 2nd Red 11" Wheel 15 3/4"
Diameter of Journals 4 3/4" 7" 11" 15 3/4" Distance between Centres of Bearings 2nd Red 4 3/4" 10" Diameter of Pitch Circle 1st Red 8.546 2nd Red 16.506
Diameter of Wheel Shaft 15 3/4" Distance between Centres of Bearings 5 1/4" 2nd Red.
Width of Face 40" Diameter of Thrust Shaft under Collars 15 3/4" Diameter of Pitch Circle of Wheel 5.723. 104.906
No. of Screw Shafts (1) no line Tickers gland as per rule 16.3 Diameter of Propeller 18' 9" Pitch of Propeller 18' 0"
No. of Blades 3 State whether Moveable yes Total Surface 111 ft Diameter of Rotor Drum, H.P. L.P. Astern
Thickness at Bottom of Groove, H.P. L.P. Astern Revs. per Minute at Full Power, Turbine 3120 Propeller 73

ARTICULARS OF BLADING.

	H. P.			L. P.			ASTERN.		
	HEIGHT OF BLADES.	DIAMETER AT TIP.	NO. OF ROWS.	HEIGHT OF BLADES.	DIAMETER AT TIP.	NO. OF ROWS.	HEIGHT OF BLADES.	DIAMETER AT TIP.	NO. OF ROWS.
ST EXPANSION									
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No. and size of Feed pumps (2) one Turbo electric, one 7" x 10 1/2 x 21", one Turbo electric hotwell pump.
No. and size of Bilge pumps (2) (1) 11" x 10" x 10", (1) 7 1/2" x 9" x 8", (1) general service 4 1/2" x 6" x 6",
No. and size of Bilge suction in Engine Room (1) 3 1/2" (2) 3 1/2" in boiler room, 1 from copperclad 2"
In Holds, &c. 7101 (2) 2 1/2" deep tank (2) 6"

No. of Bilge Injections 1 sizes 11 Connected to condenser, or to circulating pump pump Is a separate Donkey Suction fitted in Engine Room & size yes 3 1/2"
Are all the bilge suction pipes fitted with roses yes Are the roses in Engine room always accessible yes
Are all connections with the sea direct on the skin of the ship yes Are they Valves or Cocks both
Are they fixed sufficiently high on the ship's side to be seen without lifting the stokehold plates yes Are the Discharge Pipes above or below the deep water line below
Are they each fitted with a Discharge Valve always accessible on the plating of the vessel yes Are the Blow Off Cocks fitted with a spigot and brass covering plate yes
That pipes are carried through the bunkers Steam heating How are they protected
Are all Pipes, Cocks, Valves, and Pumps in connection with the machinery and all boiler mountings accessible at all times yes
Are the Bilge Suction Pipes, Cocks, and Valves arranged so as to prevent any communication between the sea and the bilges yes
Is the Screw Shaft Tunnel watertight none Is it fitted with a watertight door worked from

BOILERS, &c.—(Letter for record 1r) Manufacturers of Steel W. Beardmore & Co. Ltd. Parkhead.
Total Heating Surface of Boilers 8670 Is Forced Draft fitted yes No. and Description of Boilers 3 Single ended
Working Pressure 200 Tested by hydraulic pressure to 350 Date of test 31/3/22 No. of Certificate 16039
Can each boiler be worked separately yes Area of fire grate in each boiler 10.32 No. and Description of Safety Valves to
Each boiler 1 pair spring Area of each valve 10.32 Pressure to which they are adjusted 200 Are they fitted with easing gear yes
Smallest distance between boilers or uptakes and bunkers or woodwork 2' 0" Steam dia. of boilers 15' 9" Length 12' 0" Material of shell plates steel
Thickness 1 3/8" Range of tensile strength 28 to 32 Are the shell plates welded or flanged yes Descrip. of riveting: cir. seams double lap
Working seams tubular butt Diameter of rivet holes in long. seams 1 7/8" Pitch of rivets 9 3/8" Lap of plates or width of butt straps 21 3/16
Percentage of strength of longitudinal joint rivets 88.6 Working pressure of shell by rules 210 Size of manhole in shell 16" x 12"
Size of compensating ring 36 1/2 x 32 1/2 x 1 3/8 plates 86.8 No. and Description of Furnaces in each Boiler 4 Doughton Material steel Outside diameter 38 3/8"

Length of plain part top Thickness of plates crown 2 9/16 Description of longitudinal joint welded No. of strengthening rings
bottom Thickness of plates bottom 2 9/16
Working pressure of furnace by the rules 213 Combustion chamber plates: Material steel Thickness: Sides 4 1/2" Back 4 1/2" Top 4 1/2" Bottom 4 1/2"
Pitch of stays to ditto: Sides 8 x 10 Back 9 x 9 Top 9 1/2 x 8 1/2 If stays are fitted with nuts or riveted heads nuts Working pressure by rules 204
Material of stays iron Diameter at smallest part 1 3/4" Area supported by each stay 81 Working pressure by rules 225 End plates in steam space
Material steel Thickness 1 5/8" Pitch of stays 10 1/8 x 15 1/2 How are stays secured 2 nuts Working pressure by rules 220 Material of stays steel
Diameter at smallest part 5.93 Area supported by each stay 320 Working pressure by rules 215 Material of Front plates at bottom steel
Thickness 1 5/8" Material of Lower back plate steel Thickness 1 5/8" Greatest pitch of stays 14 1/2" Working pressure of plate by rules 212
Diameter of tubes 3 1/4" Pitch of tubes 4 3/8 x 4 3/8 Material of tube plates steel Thickness: Front 4 1/2" Back 4 1/2" Mean pitch of stays 8 7/8"
Pitch across wide water spaces 14 1/2 with 1 1/2 Working pressures by rules 349 Girders to Chamber tops: Material steel Depth and
Thickness of girder at centre 8 x 3/4 double Length as per rule 30 1/2 Distance apart 8 1/2" Number and pitch of stays in each 20 9 1/2 x 20
Working pressure by rules 201 Steam dome: description of joint to shell none % of strength of joint Diameter
Thickness of shell plates Material Description of longitudinal joint Diameter of rivet holes Pitch of rivets
Working pressure of shell by rules Crown plates: Thickness How stayed

SUPERHEATER. Type *Shmidt*. Date of Approval of Plan *See Manufacturer's Rpt*. Tested by Hydraulic Pressure to *400 lbs*.
Date of Test *10/8/22, in place*. Is a Safety Valve fitted to each Section of the Superheater which can be shut off from the Boiler *yes*.
Diameter of Safety Valve *1 1/2"*. Pressure to which each is adjusted *210*. Is Easing Gear fitted *yes*.

IS A DONKEY BOILER FITTED? *yes*. If so, is a report now forwarded? *yes*.

SPARE GEAR. State the articles supplied:— *2 bolts & studs nuts for each rotor bearing 2 bolts & studs for gear
wheel bearing, 2 bolts & nuts for pinion bearing, 1 set of coupling bolts & nuts, 2 bolts & studs for
gear case joint, 20 for turbine casing joint, 2 thermometers for oil system, 1 set of
for gear wheel shaft, 1 set of bushes for rotor, 1 set of bushes for pinion shaft,
2 set of packing rings for each gland of rotor shafts, pads for Mitchell Block, 1 set
each size for turbine thrust, 1 set of liners & adjusting block, 1 set feed pump
1 set of bilge pump valves, 1 set of valves for lubricating pump, 1 bush & nut
for oil pump, 1 escape valve spring of each size fitted, 1 quantity of assorted
bolts, nuts & studs, bars & plates of iron or steel, 1 set of propeller blades, 1 spare
shaft etc.*

The foregoing is a correct description,

For WILLIAM BEARDMORE & CO., LIMITED

Manufacturer.

ENGINEERING MANAGER

Dates of Survey while building: During progress of work in shops -- *1921 Mar 8, Apr 5, 26 May 30, Oct 29, Dec 15, 23, 29, 1922 Jan 12, 18, 30, Feb 2, 9, 14, 20, 27, Mar 9, 14, 20, 31, Apr 28, Jun 30, Jul 3, Aug 1, 8*
During erection on board vessel --- *Sept 19, 22, 29, Oct 2, 3, 6, 10, 13, 21, 24, 27*
Total No. of visits *37*

Is the approved plan of main boiler forwarded herewith *yes*
" " " donkey " " " *yes*

Dates of Examination of principal parts: Casings *✓* Rotors *23/2/22* Blading *23/2/22* Gearing *23/2/22*
Rotor shaft *23/2/22* Thrust shaft *23/2/22* Tunnel shafts *23/2/22* Screw shaft *23/2/22* Propeller *23/2/22*
Stern tube *23/2/22* Steam pipes tested *20/4/22* Engine and boiler seatings *10/8/22* Engines holding down bolts *2/10/22*
Completion of pumping arrangements *27/10/22* Boilers fired *2/10/22* Engines tried under steam *27/10/22*
Main boiler safety valves adjusted *13/10/22* Thickness of adjusting washers *Pat 1/2 1/4 3/8 1/2 3/4 1 1/4 1 3/4 2 1/4 3 1/4 4 1/4 5 1/4 6 1/4 7 1/4 8 1/4 9 1/4 10 1/4 11 1/4 12 1/4 13 1/4 14 1/4 15 1/4 16 1/4 17 1/4 18 1/4 19 1/4 20 1/4 21 1/4 22 1/4 23 1/4 24 1/4 25 1/4 26 1/4 27 1/4 28 1/4 29 1/4 30 1/4 31 1/4 32 1/4 33 1/4 34 1/4 35 1/4 36 1/4 37 1/4 38 1/4 39 1/4 40 1/4 41 1/4 42 1/4 43 1/4 44 1/4 45 1/4 46 1/4 47 1/4 48 1/4 49 1/4 50 1/4 51 1/4 52 1/4 53 1/4 54 1/4 55 1/4 56 1/4 57 1/4 58 1/4 59 1/4 60 1/4 61 1/4 62 1/4 63 1/4 64 1/4 65 1/4 66 1/4 67 1/4 68 1/4 69 1/4 70 1/4 71 1/4 72 1/4 73 1/4 74 1/4 75 1/4 76 1/4 77 1/4 78 1/4 79 1/4 80 1/4 81 1/4 82 1/4 83 1/4 84 1/4 85 1/4 86 1/4 87 1/4 88 1/4 89 1/4 90 1/4 91 1/4 92 1/4 93 1/4 94 1/4 95 1/4 96 1/4 97 1/4 98 1/4 99 1/4 100 1/4 101 1/4 102 1/4 103 1/4 104 1/4 105 1/4 106 1/4 107 1/4 108 1/4 109 1/4 110 1/4 111 1/4 112 1/4 113 1/4 114 1/4 115 1/4 116 1/4 117 1/4 118 1/4 119 1/4 120 1/4 121 1/4 122 1/4 123 1/4 124 1/4 125 1/4 126 1/4 127 1/4 128 1/4 129 1/4 130 1/4 131 1/4 132 1/4 133 1/4 134 1/4 135 1/4 136 1/4 137 1/4 138 1/4 139 1/4 140 1/4 141 1/4 142 1/4 143 1/4 144 1/4 145 1/4 146 1/4 147 1/4 148 1/4 149 1/4 150 1/4 151 1/4 152 1/4 153 1/4 154 1/4 155 1/4 156 1/4 157 1/4 158 1/4 159 1/4 160 1/4 161 1/4 162 1/4 163 1/4 164 1/4 165 1/4 166 1/4 167 1/4 168 1/4 169 1/4 170 1/4 171 1/4 172 1/4 173 1/4 174 1/4 175 1/4 176 1/4 177 1/4 178 1/4 179 1/4 180 1/4 181 1/4 182 1/4 183 1/4 184 1/4 185 1/4 186 1/4 187 1/4 188 1/4 189 1/4 190 1/4 191 1/4 192 1/4 193 1/4 194 1/4 195 1/4 196 1/4 197 1/4 198 1/4 199 1/4 200 1/4 201 1/4 202 1/4 203 1/4 204 1/4 205 1/4 206 1/4 207 1/4 208 1/4 209 1/4 210 1/4 211 1/4 212 1/4 213 1/4 214 1/4 215 1/4 216 1/4 217 1/4 218 1/4 219 1/4 220 1/4 221 1/4 222 1/4 223 1/4 224 1/4 225 1/4 226 1/4 227 1/4 228 1/4 229 1/4 230 1/4 231 1/4 232 1/4 233 1/4 234 1/4 235 1/4 236 1/4 237 1/4 238 1/4 239 1/4 240 1/4 241 1/4 242 1/4 243 1/4 244 1/4 245 1/4 246 1/4 247 1/4 248 1/4 249 1/4 250 1/4 251 1/4 252 1/4 253 1/4 254 1/4 255 1/4 256 1/4 257 1/4 258 1/4 259 1/4 260 1/4 261 1/4 262 1/4 263 1/4 264 1/4 265 1/4 266 1/4 267 1/4 268 1/4 269 1/4 270 1/4 271 1/4 272 1/4 273 1/4 274 1/4 275 1/4 276 1/4 277 1/4 278 1/4 279 1/4 280 1/4 281 1/4 282 1/4 283 1/4 284 1/4 285 1/4 286 1/4 287 1/4 288 1/4 289 1/4 290 1/4 291 1/4 292 1/4 293 1/4 294 1/4 295 1/4 296 1/4 297 1/4 298 1/4 299 1/4 300 1/4 301 1/4 302 1/4 303 1/4 304 1/4 305 1/4 306 1/4 307 1/4 308 1/4 309 1/4 310 1/4 311 1/4 312 1/4 313 1/4 314 1/4 315 1/4 316 1/4 317 1/4 318 1/4 319 1/4 320 1/4 321 1/4 322 1/4 323 1/4 324 1/4 325 1/4 326 1/4 327 1/4 328 1/4 329 1/4 330 1/4 331 1/4 332 1/4 333 1/4 334 1/4 335 1/4 336 1/4 337 1/4 338 1/4 339 1/4 340 1/4 341 1/4 342 1/4 343 1/4 344 1/4 345 1/4 346 1/4 347 1/4 348 1/4 349 1/4 350 1/4 351 1/4 352 1/4 353 1/4 354 1/4 355 1/4 356 1/4 357 1/4 358 1/4 359 1/4 360 1/4 361 1/4 362 1/4 363 1/4 364 1/4 365 1/4 366 1/4 367 1/4 368 1/4 369 1/4 370 1/4 371 1/4 372 1/4 373 1/4 374 1/4 375 1/4 376 1/4 377 1/4 378 1/4 379 1/4 380 1/4 381 1/4 382 1/4 383 1/4 384 1/4 385 1/4 386 1/4 387 1/4 388 1/4 389 1/4 390 1/4 391 1/4 392 1/4 393 1/4 394 1/4 395 1/4 396 1/4 397 1/4 398 1/4 399 1/4 400 1/4 401 1/4 402 1/4 403 1/4 404 1/4 405 1/4 406 1/4 407 1/4 408 1/4 409 1/4 410 1/4 411 1/4 412 1/4 413 1/4 414 1/4 415 1/4 416 1/4 417 1/4 418 1/4 419 1/4 420 1/4 421 1/4 422 1/4 423 1/4 424 1/4 425 1/4 426 1/4 427 1/4 428 1/4 429 1/4 430 1/4 431 1/4 432 1/4 433 1/4 434 1/4 435 1/4 436 1/4 437 1/4 438 1/4 439 1/4 440 1/4 441 1/4 442 1/4 443 1/4 444 1/4 445 1/4 446 1/4 447 1/4 448 1/4 449 1/4 450 1/4 451 1/4 452 1/4 453 1/4 454 1/4 455 1/4 456 1/4 457 1/4 458 1/4 459 1/4 460 1/4 461 1/4 462 1/4 463 1/4 464 1/4 465 1/4 466 1/4 467 1/4 468 1/4 469 1/4 470 1/4 471 1/4 472 1/4 473 1/4 474 1/4 475 1/4 476 1/4 477 1/4 478 1/4 479 1/4 480 1/4 481 1/4 482 1/4 483 1/4 484 1/4 485 1/4 486 1/4 487 1/4 488 1/4 489 1/4 490 1/4 491 1/4 492 1/4 493 1/4 494 1/4 495 1/4 496 1/4 497 1/4 498 1/4 499 1/4 500 1/4 501 1/4 502 1/4 503 1/4 504 1/4 505 1/4 506 1/4 507 1/4 508 1/4 509 1/4 510 1/4 511 1/4 512 1/4 513 1/4 514 1/4 515 1/4 516 1/4 517 1/4 518 1/4 519 1/4 520 1/4 521 1/4 522 1/4 523 1/4 524 1/4 525 1/4 526 1/4 527 1/4 528 1/4 529 1/4 530 1/4 531 1/4 532 1/4 533 1/4 534 1/4 535 1/4 536 1/4 537 1/4 538 1/4 539 1/4 540 1/4 541 1/4 542 1/4 543 1/4 544 1/4 545 1/4 546 1/4 547 1/4 548 1/4 549 1/4 550 1/4 551 1/4 552 1/4 553 1/4 554 1/4 555 1/4 556 1/4 557 1/4 558 1/4 559 1/4 560 1/4 561 1/4 562 1/4 563 1/4 564 1/4 565 1/4 566 1/4 567 1/4 568 1/4 569 1/4 570 1/4 571 1/4 572 1/4 573 1/4 574 1/4 575 1/4 576 1/4 577 1/4 578 1/4 579 1/4 580 1/4 581 1/4 582 1/4 583 1/4 584 1/4 585 1/4 586 1/4 587 1/4 588 1/4 589 1/4 590 1/4 591 1/4 592 1/4 593 1/4 594 1/4 595 1/4 596 1/4 597 1/4 598 1/4 599 1/4 600 1/4 601 1/4 602 1/4 603 1/4 604 1/4 605 1/4 606 1/4 607 1/4 608 1/4 609 1/4 610 1/4 611 1/4 612 1/4 613 1/4 614 1/4 615 1/4 616 1/4 617 1/4 618 1/4 619 1/4 620 1/4 621 1/4 622 1/4 623 1/4 624 1/4 625 1/4 626 1/4 627 1/4 628 1/4 629 1/4 630 1/4 631 1/4 632 1/4 633 1/4 634 1/4 635 1/4 636 1/4 637 1/4 638 1/4 639 1/4 640 1/4 641 1/4 642 1/4 643 1/4 644 1/4 645 1/4 646 1/4 647 1/4 648 1/4 649 1/4 650 1/4 651 1/4 652 1/4 653 1/4 654 1/4 655 1/4 656 1/4 657 1/4 658 1/4 659 1/4 660 1/4 661 1/4 662 1/4 663 1/4 664 1/4 665 1/4 666 1/4 667 1/4 668 1/4 669 1/4 670 1/4 671 1/4 672 1/4 673 1/4 674 1/4 675 1/4 676 1/4 677 1/4 678 1/4 679 1/4 680 1/4 681 1/4 682 1/4 683 1/4 684 1/4 685 1/4 686 1/4 687 1/4 688 1/4 689 1/4 690 1/4 691 1/4 692 1/4 693 1/4 694 1/4 695 1/4 696 1/4 697 1/4 698 1/4 699 1/4 700 1/4 701 1/4 702 1/4 703 1/4 704 1/4 705 1/4 706 1/4 707 1/4 708 1/4 709 1/4 710 1/4 711 1/4 712 1/4 713 1/4 714 1/4 715 1/4 716 1/4 717 1/4 718 1/4 719 1/4 720 1/4 721 1/4 722 1/4 723 1/4 724 1/4 725 1/4 726 1/4 727 1/4 728 1/4 729 1/4 730 1/4 731 1/4 732 1/4 733 1/4 734 1/4 735 1/4 736 1/4 737 1/4 738 1/4 739 1/4 740 1/4 741 1/4 742 1/4 743 1/4 744 1/4 745 1/4 746 1/4 747 1/4 748 1/4 749 1/4 750 1/4 751 1/4 752 1/4 753 1/4 754 1/4 755 1/4 756 1/4 757 1/4 758 1/4 759 1/4 760 1/4 761 1/4 762 1/4 763 1/4 764 1/4 765 1/4 766 1/4 767 1/4 768 1/4 769 1/4 770 1/4 771 1/4 772 1/4 773 1/4 774 1/4 775 1/4 776 1/4 777 1/4 778 1/4 779 1/4 780 1/4 781 1/4 782 1/4 783 1/4 784 1/4 785 1/4 786 1/4 787 1/4 788 1/4 789 1/4 790 1/4 791 1/4 792 1/4 793 1/4 794 1/4 795 1/4 796 1/4 797 1/4 798 1/4 799 1/4 800 1/4 801 1/4 802 1/4 803 1/4 804 1/4 805 1/4 806 1/4 807 1/4 808 1/4 809 1/4 810 1/4 811 1/4 812 1/4 813 1/4 814 1/4 815 1/4 816 1/4 817 1/4 818 1/4 819 1/4 820 1/4 821 1/4 822 1/4 823 1/4 824 1/4 825 1/4 826 1/4 827 1/4 828 1/4 829 1/4 830 1/4 831 1/4 832 1/4 833 1/4 834 1/4 835 1/4 836 1/4 837 1/4 838 1/4 839 1/4 840 1/4 841 1/4 842 1/4 843 1/4 844 1/4 845 1/4 846 1/4 847 1/4 848 1/4 849 1/4 850 1/4 851 1/4 852 1/4 853 1/4 854 1/4 855 1/4 856 1/4 857 1/4 858 1/4 859 1/4 860 1/4 861 1/4 862 1/4 863 1/4 864 1/4 865 1/4 866 1/4 867 1/4 868 1/4 869 1/4 870 1/4 871 1/4 872 1/4 873 1/4 874 1/4 875 1/4 876 1/4 877 1/4 878 1/4 879 1/4 880 1/4 881 1/4 882 1/4 883 1/4 884 1/4 885 1/4 886 1/4 887 1/4 888 1/4 889 1/4 890 1/4 891 1/4 892 1/4 893 1/4 894 1/4 895 1/4 896 1/4 897 1/4 898 1/4 899 1/4 900 1/4 901 1/4 902 1/4 903 1/4 904 1/4 905 1/4 906 1/4 907 1/4 908 1/4 909 1/4 910 1/4 911 1/4 912 1/4 913 1/4 914 1/4 915 1/4 916 1/4 917 1/4 918 1/4 919 1/4 920 1/4 921 1/4 922 1/4 923 1/4 924 1/4 925 1/4 926 1/4 927 1/4 928 1/4 929 1/4 930 1/4 931 1/4 932 1/4 933 1/4 934 1/4 935 1/4 936 1/4 937 1/4 938 1/4 939 1/4 940 1/4 941 1/4 942 1/4 943 1/4 944 1/4 945 1/4 946 1/4 947 1/4 948 1/4 949 1/4 950 1/4 951 1/4 952 1/4 953 1/4 954 1/4 955 1/4 956 1/4 957 1/4 958 1/4 959 1/4 960 1/4 961 1/4 962 1/4 963 1/4 964 1/4 965 1/4 966 1/4 967 1/4 968 1/4 969 1/4 970 1/4 971 1/4 972 1/4 973 1/4 974 1/4 975 1/4 976 1/4 977 1/4 978 1/4 979 1/4 980 1/4 981 1/4 982 1/4 983 1/4 984 1/4 985 1/4 986 1/4 987 1/4 988 1/4 989 1/4 990 1/4 991 1/4 992 1/4 993 1/4 994 1/4 995 1/4 996 1/4 997 1/4 998 1/4 999 1/4 1000 1/4*

Material and tensile strength of Rotor shaft *✓* Identification Mark on Do. *2710 2712 2711 2713*
Material and tensile strength of Pinion shaft *✓* Identification Mark on Do. *2714 2715 2716 2717*
Material of Wheel shaft *Steel* Identification Mark on Do. *2718 2719 2720 2721*
Material of Thrust shaft *Steel* Identification Mark on Do. *2722 2723 2724 2725*
Material of Tunnel shafts *Steel* Identification Marks on Do. *2726 2727 2728 2729 2730 2731 2732 2733 2734 2735 2736 2737 2738 2739 2740 2741 2742 2743 2744 2745 2746 2747 2748 2749 2750 2751 2752 2753 2754 2755 2756 2757 2758 2759 2760 2761 2762 2763 2764 2765 2766 2767 2768 2769 2770 2771 2772 2773 2774 2775 2776 2777 2778 2779 2780 2781 2782 2783 2784 2785 2786 2787 2788 2789 2790 2791 2792 2793 2794 2795 2796 2797 2798 2799 2800 2801 2802 2803 2804 2805 2806 2807 2808 2809 2810 2811 2812 2813 2814 2815 2816 2817 2818 2819 2820 2821 2822 2823 2824 2825 2826 2827 2828 2829 2830 2831 2832 2833 2834 2835 2836 2837 2838 2839 2840 2841 2842 2843 2844 2845 2846 2847 2848 2849 2850 2851 2852 2853 2854 2855 2856 2857 2858 2859 2860 2861 2862 2863 2864 2865 2866 2867 2868 2869 2870 2871 2872 2873 2874 2875 2876 2877 2878 2879 2880 2881 2882 2883 2884 2885 2886 2887 2888 2889 2890 2891 2892 2893 2894 2895 2896 2897 2898 2899 2900 2901 2902 2903 2904 2905 2906 2907 2908 2909 2910 2911 2912 2913 2914 2915 2916 2917 2918 2919 2920 2921 2922 2923 2924 2925 2926 2927 2928 2929 2930 2931 2932 2933 2934 2935 2936 2937 2938 2939 2940 2941 2942 2943 2944 2945 2946 2947 2948 2949 2950 2951 2952 2953 2954 2955 2956 2957 2958 2959 2960 2961 2962 2963 2964 2965 2966 2967 2968 2969 2970 2971 2972 2973 2974 2975 2976 2977 2978 2979 2980 2981 2982 2983 2984 2985 2986 2987 2988 2989 2990 2991 2992 2993 2994 2995 2996 2997 2998 2999 3000*
Material of Screw shafts *Steel* Identification Marks on Do. *2901 2902 2903 2904 2905 2906 2907 2908 2909 2910 2911 2912 2913 2914 2915 2916 2917 2918 2919 2920 2921 2922 2923 2924 2925 2926 2927 2928 2929 2930 2931 2932 2933 2934 2935 2936 2937 2938 2939 2940 2941 2942 2943 2944 2945 2946 2947 2948 2949 2950 2951 2952 2953 2954 2955 2956 2957 2958 2959 2960 2961 2962 2963 2964 2965 2966 2967 2968 2969 2970 2971 2972 2973 2974 2975 2976 2977 2978 2979 2980 2981 2982 2983 2984 2985 2986 2987 2988 2989 2990 2991 2992 2993 2994 2995 2996 2997 2998 2999 3000*
Material of Steam Pipes *SD Steel* Test pressure *600*

Is an installation fitted for burning oil fuel *yes*. Is the flash point of the oil to be used over 150°F. *yes*
Have the requirements of Section 49 of the Rules been complied with *yes*
Is this machinery a duplicate of a previous case *No*. If so, state name of vessel *---*

General Remarks (State quality of workmanship, opinions as to class, &c.) *These engines and boilers have
been built under special survey, the materials and workman
are of good description, they have been well fitted on board
and tried under steam.*

*This machinery is now in my opinion eligible to have
notification of + L.M.C. 10.22 and fitted for oil fuel F.P. above 150°F.*
**It is submitted that
this vessel is eligible for
THE RECORD. + L.M.C. 10.22. F.D. 673. N.H.P.**

*2 Steam Turbines geared to one screw shaft,
"Fitted for oil fuel" 10.22 F.P. above 150°F.*

The amount of Entry Fee *£ 6* : : : :
Special *£ 108.13.0* : : : :
Donkey Boiler Fee *£ 93 9* : : : :
Travelling Expenses (if any) *£* : : : :
When applied for, *4/11/22*
When received, *11/11/22*

Committee's Minute *GLASGOW 7 - NOV 1922*
Assigned *+ L.M.C. 10.22*

Fitted for oil fuel 10.22 F.P. above 150°F.

GLASGOW

Certificate (if required) to be sent to...

6.11.22

MACHINERY BOOK in duplicate
WRITTEN 8/11/22

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Foundation