

REPORT ON MACHINERY.

No. 8386

MON. SEP. 13 1920

Date of writing Report 9th Sep^r 1920 When handed in at Local Office 19 Port of Belfast
 No. in Survey held at Belfast Date, First Survey July 1918 Last Survey 2 Sep^r 1920
 Reg. Book. T.S.S. Yorkshire (Number of Visits 106)
 Master G. E. B. Millson Built at Belfast By whom built Harland & Wolff L^{td} When built 1920
 Engines made at Belfast By whom made Harland & Wolff L^{td} when made 1920
 Boilers made at Belfast By whom made Harland & Wolff L^{td} when made 1920
 Registered Horse Power 5000 Owners Bibby Bros Port belonging to Liverpool
 Shaft Horse Power at Full Power 5000 Is Refrigerating Machinery fitted for cargo purposes No Is Electric Light fitted Yes

TURBINE ENGINES, &c.—Description of Engines Low Pressure Single Reduction geared Turbines No. of Turbines 4
 Diameter of Rotor Shaft Journals, H.P. 6 1/2 L.P. 10 Diameter of Pinion Shafts 6 1/2 + 8 3/4
 Diameter of Journals 5 1/2 Distance between Centres of Bearings 28 1/2 Diameter of Pitch Circle 6.213 + 8.355
 Diameter of Wheel Shaft 13 + 17 1/2 Distance between Centres of Bearings 66 1/2 Diameter of Pitch Circle of Wheel 124.474
 Width of Face 33 Diameter of Thrust Shaft under Collars 13 3/8 Diameter of Tunnel Shaft 12.05 as per rule 12.625 as fitted
 No. of Screw Shafts 2 Diameter of same as per rule 13.6 as fitted 15.0 Diameter of Propeller 16-9 Pitch of Propeller 15-0
 No. of Blades 3 State whether Moveable Yes Total Surface 80 sq ft. Diameter of Rotor Drum Various Revs. per Minute at Full Power, Turbine H.P. 2043 L.P. 1490 Propeller 100

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.
1st EXPANSION	3/4, 1, 1 1/4	39 1/2	2	1 1/8	67 5/8	1	3/4, 1, 1 1/4, 1 1/2, 1 3/4, 2, 2 1/4, 2 3/4, 3, 3 1/2, 4, 4 1/2, 5, 5 1/2, 6, 6 1/2, 6 3/4, 7, 7 1/2, 8, 8 1/2, 9, 9 1/2, 10, 10 1/2, 11, 11 1/2, 12, 12 1/2, 13, 13 1/2, 14, 14 1/2, 15, 15 1/2, 16, 16 1/2, 17, 17 1/2, 18, 18 1/2, 19, 19 1/2, 20, 20 1/2, 21, 21 1/2, 22, 22 1/2, 23, 23 1/2, 24, 24 1/2, 25, 25 1/2, 26, 26 1/2, 27, 27 1/2, 28, 28 1/2, 29, 29 1/2, 30, 30 1/2, 31, 31 1/2, 32, 32 1/2, 33, 33 1/2, 34, 34 1/2, 35, 35 1/2, 36, 36 1/2, 37, 37 1/2, 38, 38 1/2, 39, 39 1/2, 40, 40 1/2, 41, 41 1/2, 42, 42 1/2, 43, 43 1/2, 44, 44 1/2, 45, 45 1/2, 46, 46 1/2, 47, 47 1/2, 48, 48 1/2, 49, 49 1/2, 50, 50 1/2, 51, 51 1/2, 52, 52 1/2, 53, 53 1/2, 54, 54 1/2, 55, 55 1/2, 56, 56 1/2, 57, 57 1/2, 58, 58 1/2, 59, 59 1/2, 60, 60 1/2, 61, 61 1/2, 62, 62 1/2, 63, 63 1/2, 64, 64 1/2, 65, 65 1/2, 66, 66 1/2, 67, 67 1/2, 68, 68 1/2, 69, 69 1/2, 70, 70 1/2, 71, 71 1/2, 72, 72 1/2, 73, 73 1/2, 74, 74 1/2, 75, 75 1/2, 76, 76 1/2, 77, 77 1/2, 78, 78 1/2, 79, 79 1/2, 80, 80 1/2, 81, 81 1/2, 82, 82 1/2, 83, 83 1/2, 84, 84 1/2, 85, 85 1/2, 86, 86 1/2, 87, 87 1/2, 88, 88 1/2, 89, 89 1/2, 90, 90 1/2, 91, 91 1/2, 92, 92 1/2, 93, 93 1/2, 94, 94 1/2, 95, 95 1/2, 96, 96 1/2, 97, 97 1/2, 98, 98 1/2, 99, 99 1/2, 100, 100 1/2, 101, 101 1/2, 102, 102 1/2, 103, 103 1/2, 104, 104 1/2, 105, 105 1/2, 106, 106 1/2, 107, 107 1/2, 108, 108 1/2, 109, 109 1/2, 110, 110 1/2, 111, 111 1/2, 112, 112 1/2, 113, 113 1/2, 114, 114 1/2, 115, 115 1/2, 116, 116 1/2, 117, 117 1/2, 118, 118 1/2, 119, 119 1/2, 120, 120 1/2, 121, 121 1/2, 122, 122 1/2, 123, 123 1/2, 124, 124 1/2, 125, 125 1/2, 126, 126 1/2, 127, 127 1/2, 128, 128 1/2, 129, 129 1/2, 130, 130 1/2, 131, 131 1/2, 132, 132 1/2, 133, 133 1/2, 134, 134 1/2, 135, 135 1/2, 136, 136 1/2, 137, 137 1/2, 138, 138 1/2, 139, 139 1/2, 140, 140 1/2, 141, 141 1/2, 142, 142 1/2, 143, 143 1/2, 144, 144 1/2, 145, 145 1/2, 146, 146 1/2, 147, 147 1/2, 148, 148 1/2, 149, 149 1/2, 150, 150 1/2, 151, 151 1/2, 152, 152 1/2, 153, 153 1/2, 154, 154 1/2, 155, 155 1/2, 156, 156 1/2, 157, 157 1/2, 158, 158 1/2, 159, 159 1/2, 160, 160 1/2, 161, 161 1/2, 162, 162 1/2, 163, 163 1/2, 164, 164 1/2, 165, 165 1/2, 166, 166 1/2, 167, 167 1/2, 168, 168 1/2, 169, 169 1/2, 170, 170 1/2, 171, 171 1/2, 172, 172 1/2, 173, 173 1/2, 174, 174 1/2, 175, 175 1/2, 176, 176 1/2, 177, 177 1/2, 178, 178 1/2, 179, 179 1/2, 180, 180 1/2, 181, 181 1/2, 182, 182 1/2, 183, 183 1/2, 184, 184 1/2, 185, 185 1/2, 186, 186 1/2, 187, 187 1/2, 188, 188 1/2, 189, 189 1/2, 190, 190 1/2, 191, 191 1/2, 192, 192 1/2, 193, 193 1/2, 194, 194 1/2, 195, 195 1/2, 196, 196 1/2, 197, 197 1/2, 198, 198 1/2, 199, 199 1/2, 200, 200 1/2, 201, 201 1/2, 202, 202 1/2, 203, 203 1/2, 204, 204 1/2, 205, 205 1/2, 206, 206 1/2, 207, 207 1/2, 208, 208 1/2, 209, 209 1/2, 210, 210 1/2, 211, 211 1/2, 212, 212 1/2, 213, 213 1/2, 214, 214 1/2, 215, 215 1/2, 216, 216 1/2, 217, 217 1/2, 218, 218 1/2, 219, 219 1/2, 220, 220 1/2, 221, 221 1/2, 222, 222 1/2, 223, 223 1/2, 224, 224 1/2, 225, 225 1/2, 226, 226 1/2, 227, 227 1/2, 228, 228 1/2, 229, 229 1/2, 230, 230 1/2, 231, 231 1/2, 232, 232 1/2, 233, 233 1/2, 234, 234 1/2, 235, 235 1/2, 236, 236 1/2, 237, 237 1/2, 238, 238 1/2, 239, 239 1/2, 240, 240 1/2, 241, 241 1/2, 242, 242 1/2, 243, 243 1/2, 244, 244 1/2, 245, 245 1/2, 246, 246 1/2, 247, 247 1/2, 248, 248 1/2, 249, 249 1/2, 250, 250 1/2, 251, 251 1/2, 252, 252 1/2, 253, 253 1/2, 254, 254 1/2, 255, 255 1/2, 256, 256 1/2, 257, 257 1/2, 258, 258 1/2, 259, 259 1/2, 260, 260 1/2, 261, 261 1/2, 262, 262 1/2, 263, 263 1/2, 264, 264 1/2, 265, 265 1/2, 266, 266 1/2, 267, 267 1/2, 268, 268 1/2, 269, 269 1/2, 270, 270 1/2, 271, 271 1/2, 272, 272 1/2, 273, 273 1/2, 274, 274 1/2, 275, 275 1/2, 276, 276 1/2, 277, 277 1/2, 278, 278 1/2, 279, 279 1/2, 280, 280 1/2, 281, 281 1/2, 282, 282 1/2, 283, 283 1/2, 284, 284 1/2, 285, 285 1/2, 286, 286 1/2, 287, 287 1/2, 288, 288 1/2, 289, 289 1/2, 290, 290 1/2, 291, 291 1/2, 292, 292 1/2, 293, 293 1/2, 294, 294 1/2, 295, 295 1/2, 296, 296 1/2, 297, 297 1/2, 298, 298 1/2, 299, 299 1/2, 300, 300 1/2, 301, 301 1/2, 302, 302 1/2, 303, 303 1/2, 304, 304 1/2, 305, 305 1/2, 306, 306 1/2, 307, 307 1/2, 308, 308 1/2, 309, 309 1/2, 310, 310 1/2, 311, 311 1/2, 312, 312 1/2, 313, 313 1/2, 314, 314 1/2, 315, 315 1/2, 316, 316 1/2, 317, 317 1/2, 318, 318 1/2, 319, 319 1/2, 320, 320 1/2, 321, 321 1/2, 322, 322 1/2, 323, 323 1/2, 324, 324 1/2, 325, 325 1/2, 326, 326 1/2, 327, 327 1/2, 328, 328 1/2, 329, 329 1/2, 330, 330 1/2, 331, 331 1/2, 332, 332 1/2, 333, 333 1/2, 334, 334 1/2, 335, 335 1/2, 336, 336 1/2, 337, 337 1/2, 338, 338 1/2, 339, 339 1/2, 340, 340 1/2, 341, 341 1/2, 342, 342 1/2, 343, 343 1/2, 344, 344 1/2, 345, 345 1/2, 346, 346 1/2, 347, 347 1/2, 348, 348 1/2, 349, 349 1/2, 350, 350 1/2, 351, 351 1/2, 352, 352 1/2, 353, 353 1/2, 354, 354 1/2, 355, 355 1/2, 356, 356 1/2, 357, 357 1/2, 358, 358 1/2, 359, 359 1/2, 360, 360 1/2, 361, 361 1/2, 362, 362 1/2, 363, 363 1/2, 364, 364 1/2, 365, 365 1/2, 366, 366 1/2, 367, 367 1/2, 368, 368 1/2, 369, 369 1/2, 370, 370 1/2, 371, 371 1/2, 372, 372 1/2, 373, 373 1/2, 374, 374 1/2, 375, 375 1/2, 376, 376 1/2, 377, 377 1/2, 378, 378 1/2, 379, 379 1/2, 380, 380 1/2, 381, 381 1/2, 382, 382 1/2, 383, 383 1/2, 384, 384 1/2, 385, 385 1/2, 386, 386 1/2, 387, 387 1/2, 388, 388 1/2, 389, 389 1/2, 390, 390 1/2, 391, 391 1/2, 392, 392 1/2, 393, 393 1/2, 394, 394 1/2, 395, 395 1/2, 396, 396 1/2, 397, 397 1/2, 398, 398 1/2, 399, 399 1/2, 400, 400 1/2, 401, 401 1/2, 402, 402 1/2, 403, 403 1/2, 404, 404 1/2, 405, 405 1/2, 406, 406 1/2, 407, 407 1/2, 408, 408 1/2, 409, 409 1/2, 410, 410 1/2, 411, 411 1/2, 412, 412 1/2, 413, 413 1/2, 414, 414 1/2, 415, 415 1/2, 416, 416 1/2, 417, 417 1/2, 418, 418 1/2, 419, 419 1/2, 420, 420 1/2, 421, 421 1/2, 422, 422 1/2, 423, 423 1/2, 424, 424 1/2, 425, 425 1/2, 426, 426 1/2, 427, 427 1/2, 428, 428 1/2, 429, 429 1/2, 430, 430 1/2, 431, 431 1/2, 432, 432 1/2, 433, 433 1/2, 434, 434 1/2, 435, 435 1/2, 436, 436 1/2, 437, 437 1/2, 438, 438 1/2, 439, 439 1/2, 440, 440 1/2, 441, 441 1/2, 442, 442 1/2, 443, 443 1/2, 444, 444 1/2, 445, 445 1/2, 446, 446 1/2, 447, 447 1/2, 448, 448 1/2, 449, 449 1/2, 450, 450 1/2, 451, 451 1/2, 452, 452 1/2, 453, 453 1/2, 454, 454 1/2, 455, 455 1/2, 456, 456 1/2, 457, 457 1/2, 458, 458 1/2, 459, 459 1/2, 460, 460 1/2, 461, 461 1/2, 462, 462 1/2, 463, 463 1/2, 464, 464 1/2, 465, 465 1/2, 466, 466 1/2, 467, 467 1/2, 468, 468 1/2, 469, 469 1/2, 470, 470 1/2, 471, 471 1/2, 472, 472 1/2, 473, 473 1/2, 474, 474 1/2, 475, 475 1/2, 476, 476 1/2, 477, 477 1/2, 478, 478 1/2, 479, 479 1/2, 480, 480 1/2, 481, 481 1/2, 482, 482 1/2, 483, 483 1/2, 484, 484 1/2, 485, 485 1/2, 486, 486 1/2, 487, 487 1/2, 488, 488 1/2, 489, 489 1/2, 490, 490 1/2, 491, 491 1/2, 492, 492 1/2, 493, 493 1/2, 494, 494 1/2, 495, 495 1/2, 496, 496 1/2, 497, 497 1/2, 498, 498 1/2, 499, 499 1/2, 500, 500 1/2, 501, 501 1/2, 502, 502 1/2, 503, 503 1/2, 504, 504 1/2, 505, 505 1/2, 506, 506 1/2, 507, 507 1/2, 508, 508 1/2, 509, 509 1/2, 510, 510 1/2, 511, 511 1/2, 512, 512 1/2, 513, 513 1/2, 514, 514 1/2, 515, 515 1/2, 516, 516 1/2, 517, 517 1/2, 518, 518 1/2, 519, 519 1/2, 520, 520 1/2, 521, 521 1/2, 522, 522 1/2, 523, 523 1/2, 524, 524 1/2, 525, 525 1/2, 526, 526 1/2, 527, 527 1/2, 528, 528 1/2, 529, 529 1/2, 530, 530 1/2, 531, 531 1/2, 532, 532 1/2, 533, 533 1/2, 534, 534 1/2, 535, 535 1/2, 536, 536 1/2, 537, 537 1/2, 538, 538 1/2, 539, 539 1/2, 540, 540 1/2, 541, 541 1/2, 542, 542 1/2, 543, 543 1/2, 544, 544 1/2, 545, 545 1/2, 546, 546 1/2, 547, 547 1/2, 548, 548 1/2, 549, 549 1/2, 550, 550 1/2, 551, 551 1/2, 552, 552 1/2, 553, 553 1/2, 554, 554 1/2, 555, 555 1/2, 556, 556 1/2, 557, 557 1/2, 558, 558 1/2, 559, 559 1/2, 560, 560 1/2, 561, 561 1/2, 562, 562 1/2, 563, 563 1/2, 564, 564 1/2, 565, 565 1/2, 566, 566 1/2, 567, 567 1/2, 568, 568 1/2, 569, 569 1/2, 570, 570 1/2, 571, 571 1/2, 572, 572 1/2, 573, 573 1/2, 574, 574 1/2, 575, 575 1/2, 576, 576 1/2, 577, 577 1/2, 578, 578 1/2, 579, 579 1/2, 580, 580 1/2, 581, 581 1/2, 582, 582 1/2, 583, 583 1/2, 584, 584 1/2, 585, 585 1/2, 586, 586 1/2, 587, 587 1/2, 588, 588 1/2, 589, 589 1/2, 590, 590 1/2, 591, 591 1/2, 592, 592 1/2, 593, 593 1/2, 594, 594 1/2, 595, 595 1/2, 596, 596 1/2, 597, 597 1/2, 598, 598 1/2, 599, 599 1/2, 600, 600 1/2, 601, 601 1/2, 602, 602 1/2, 603, 603 1/2, 604, 604 1/2, 605, 605 1/2, 606, 606 1/2, 607, 607 1/2, 608, 608 1/2, 609, 609 1/2, 610, 610 1/2, 611, 611 1/2, 612, 612 1/2, 613, 613 1/2, 614, 614 1/2, 615, 615 1/2, 616, 616 1/2, 617, 617 1/2, 618, 618 1/2, 619, 619 1/2, 620, 620 1/2, 621, 621 1/2, 622, 622 1/2, 623, 623 1/2, 624, 624 1/2, 625, 625 1/2, 626, 626 1/2, 627, 627 1/2, 628, 628 1/2, 629, 629 1/2, 630, 630 1/2, 631, 631 1/2, 632, 632 1/2, 633, 633 1/2, 634, 634 1/2, 635, 635 1/2, 636, 636 1/2, 637, 637 1/2, 638, 638 1/2, 639, 639 1/2, 640, 640 1/2, 641, 641 1/2, 642, 642 1/2, 643, 643 1/2, 644, 644 1/2, 645, 645 1/2, 646, 646 1/2, 647, 647 1/2, 648, 648 1/2, 649, 649 1/2, 650, 650 1/2, 651, 651 1/2, 652, 652 1/2, 653, 653 1/2, 654, 654 1/2, 655, 655 1/2, 656, 656 1/2, 657, 657 1/2, 658, 658 1/2, 659, 659 1/2, 660, 660 1/2, 661, 661 1/2, 662, 662 1/2, 663, 663 1/2, 664, 664 1/2, 665, 665 1/2, 666, 666 1/2, 667, 667 1/2, 668, 668 1/2, 669, 669 1/2, 670, 670 1/2, 671, 671 1/2, 672, 672 1/2, 673, 673 1/2, 674, 674 1/2, 675, 675 1/2, 676, 676 1/2, 677, 677 1/2, 678, 678 1/2, 679, 679 1/2, 680, 680 1/2, 681, 681 1/2, 682, 682 1/2, 683, 683 1/2, 684, 684 1/2, 685, 685 1/2, 686, 686 1/2, 687, 687 1/2, 688, 688 1/2, 689, 689 1/2, 690, 690 1/2, 691, 691 1/2, 692, 692 1/2, 693, 693 1/2, 694, 694 1/2, 695, 695 1/2, 696, 696 1/2, 697, 697 1/2, 698, 698 1/2, 699, 699 1/2, 700, 700 1/2, 701, 701 1/2, 702, 702 1/2, 703, 703 1/2, 704, 704 1/2, 705, 705 1/2, 706, 706 1/2, 707, 707 1/2, 708, 708 1/2, 709, 709 1/2, 710, 710 1/2, 711, 711 1/2, 712, 712 1/2, 713, 713 1/2, 714, 714 1/2, 715, 715 1/2, 716, 716 1/2, 717, 717 1/2, 718, 718 1/2, 719, 719 1/2, 720, 720 1/2, 721, 721 1/2, 722, 722 1/2, 723, 723 1/2, 724, 724 1/2, 725, 725 1/2, 726, 726 1/2, 727, 727 1/2, 728, 728 1/2, 729, 729 1/2, 730, 730 1/2, 731, 731 1/2, 732, 732 1/2, 733, 733 1/2, 734, 734 1/2, 735, 735 1/2, 736, 736 1/2, 737, 737 1/2, 738, 738 1/2, 739, 739 1/2, 740, 740 1/2, 741, 741 1/2, 742, 742 1/2, 743, 743 1/2, 744, 744 1/2, 745, 745 1/2, 746, 746 1/2, 747, 747 1/2, 748, 748 1/2, 749, 749 1/2, 750, 750 1/2, 751, 751 1/2, 752, 752 1/2, 753, 753 1/2, 754, 754 1/2, 755, 755 1/2, 756, 756 1/2, 757, 757 1/2, 758, 758 1/2, 759, 759 1/2, 760, 760 1/2, 761, 761 1/2, 762, 762 1/2, 763, 763 1/2, 764, 764 1/2, 765, 765 1/2, 766, 766 1/2, 767, 767 1/2, 768, 768 1/2, 769, 769 1/2, 770, 770 1/2, 771, 771 1/2, 772, 772 1/2, 773, 773 1/2, 774, 774 1/2, 775, 775 1/2, 776, 776 1/2, 777, 777 1/2, 778, 778 1/2, 779, 779 1/2, 780, 780 1/2, 781, 781 1/2, 782, 782 1/2, 783, 783 1/2, 784, 784 1/2, 785, 785 1/2, 786, 786 1/2, 787, 787 1/2, 788, 788 1/2, 789, 789 1/2, 790, 790 1/2, 791, 791 1/2, 792, 792 1/2, 793, 793 1/2, 794, 794 1/2, 795, 795 1/2, 796, 796 1/2, 797, 797 1/2, 798, 798 1/2, 799, 799 1/2, 800, 800 1/2, 801, 80		

SUPERHEATER. Type V Date of Approval of Plan _____ Tested by Hydraulic Pressure to _____

Date of Test _____ Is a Safety Valve fitted to each Section of the Superheater which can be shut off from the Boiler _____

Diameter of Safety Valve _____ Pressure to which each is adjusted _____ Is Easing Gear fitted _____

IS A DONKEY BOILER FITTED? No If so, is a report now forwarded? _____

SPARE GEAR. State the articles supplied:— See other sheet

The foregoing is a correct description.

For HARLAND & WOLFF Ltd. Manufacturer.

F. E. Roberts

Dates of Survey while building { During progress of work in shops -- } 1918. July 5th to 2nd Sep^r 1920
{ During erection on board vessel --- }
Total No. of visits 106

Is the approved plan of main boiler forwarded herewith Yes

Dates of Examination of principal parts—Casings 16-10-18 Rotors 16-4-19 Blading 17-5-19 Gearing 25-6-19

Rotor shaft 16-4-19 Thrust shaft 14-5-19 Tunnel shafts 14-5-19 Screw shaft 14-5-19 Propeller 16-4-19

Stern tube 16-4-19 Steam pipes tested 19-9-19 Engine and boiler seatings 18-4-19 Engines holding down bolts 29-8-19

Completion of pumping arrangements 1-9-20 Boilers fixed 21-8-19 Engines tried under steam 19-8-19

Main boiler safety valves adjusted 19-8-20 Thickness of adjusting washers 11-15-19
3L

Material and tensile strength of Rotor shaft Steel 39.4 - 22.5 Identification Mark on Do. 620 BT 734
58.0 - 24.0

Material and tensile strength of Pinion shaft Steel 44.4 - 25.5 Identification Mark on Do. 456T, 459T, 455
43.9 - 22.0

Material of Wheel shaft Steel Identification Mark on Do. LL1775 Material of Thrust shaft do Identification Mark on Do. do
14-5-19

Material of Tunnel shafts do Identification Marks on Do. do Material of Screw shafts do Identification Marks on Do. do

Material of Steam Pipes Sold Drawn Steel Test pressure 650 lbs

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.) The machinery of this vessel has

been constructed under Special Survey, and in accordance with the Rules. The workmanship, and the materials are of good description and on trials in Belfast Lough, the machinery worked satisfactorily with the exception of the Emergency Oil Engine, on the Poop, which is to be made right on arrival at Liverpool. The Surveyors have been advised accordingly, as per copy of letter appended.

When this has been favourably reported upon, in my opinion this vessel will be eligible for receipt of L.M.C. 9-20, with the notation "Electric Light" & "Fitted for Oil Fuel F.P. above 150°F."

The amount of Entry Fee ... £ 3 : - : When applied for, 8-9-19
Special ... £ 71-8-6
Donkey Boiler Fee ... £ ✓ : - : When received, 2/11/20
Travelling Expenses (if any) £ ✓ : - : held

R. F. Beveridge
Engineer Surveyor to Lloyd's Register of Shipping.

TUE. DEC. 14 1920

Committee's Minute FRI. SEP. 24 1920

Assigned MACHINERY CERT. + L.M.C. 9.20
WRITTEN Subject.

Issued for oil fuel 9.20
S.P. above 150°F.

