

Report of Survey for Repairs, &c., of Engines and Boilers.

(Received at London Office) IUES 23 FEB 1897

Date of writing Report 22nd Feb 18 97 When handed in at Local Office 18 Port of Glasgow
 No. in Reg. Book. Survey held at Glasgow Date, First Survey and Last Survey 18th Feb 1894
454 on the Machinery of the Wood, Iron or Steel S.S. "Torbay" Master Jayson
 Tonnage { Gross 1337 Vessel built at Sunderland By whom Blumer & Co When 1883 - 2
 Net 830 Engines made at Glasgow When 1883 Boilers, when made (Main) 1883 (Donkey) 1883
 Registered Horse Power 162 Owners Glasgow Shipowners Co (Ld) (Glasgow) Voyage Bordeaux
 No. of Main Boilers 2 If Surveyed Afloat or in Dry Dock Govan
 No. of Donkey Boilers _____
 Steam Pressure in Main Boilers 80 lbs
 in Donkey Boilers 50 lbs

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER for Special Survey. Date of last Survey and of Periodical Surveys.	Value Assigned now or expired.	Machinery and Boiler Surveys (including date of N.B., if any).
100 A1		L.M.C.
8-96		MS 2-96
S.S. and h ^o 3-2-96		BS 6-96

Last Survey No. _____ Port _____
 Particulars of Examination and Repairs (if any) Docking

Periodical Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the cause of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and besides being detailed in the body of the report, should be briefly summarised at the end of the report. State also the dates and initials of any letters respecting this case.

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time?
 Do. " Donkey " " " "
 If this was not done, state for what reasons?
 And what parts of the Boilers could not be thus thoroughly examined?
 Also what special means, in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of those parts of each Boiler?
 Did the Surveyor examine the Safety Valves of the Main Boiler? At what pressure were they afterwards adjusted under steam?
 Did the Surveyor examine the Safety Valves of Donkey Boiler? To what pressure were they afterwards adjusted?
 Has the propeller shaft been drawn and examined at this time? If spare propeller shaft fitted, state whether new?
 If the Survey is not complete state what arrangements have been made for its completion and what remains to be done?

Boilers not due for survey

New propeller fitted, (shaft not drawn in sufficiently for exam- ination); sea connections examined found in order. New thrust shaft fitted.

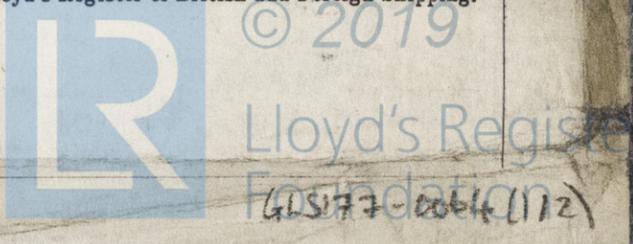
General Observations, Opinion, and Recommendation:— *As far as seen, the machinery (State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, B.S. 9,95, B.&M.S. 9,95 or L.M.C. 9,95, 140 lb., F.D., &c.)*
if this vessel is in good order, and, in my opinion, eligible to remain as classed.

Office or Registration Fee (per Sec. 27) £ : : Fees applied for
 Survey Fee (per Section 28) £ : : 18
 Special Damage Fee (per Section 28) £ : :
 Travelling Expenses (if chargeable) £ : :
 Received by me, 18

J. Hunter
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

*State if Certificate is required _____
 Committee's Minute FRI. 26 FEB 1897

Assigned as now



L. 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.

*Certificate to be sent to

*The boiler is renewed, thrust shaft also renewed
Cause not stated.*

*It is submitted that
this vessel is eligible to
remain AS CLASSED.*

*L.S.
23.2.97.*

N.B.—If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or cause it to show through to the other side.

AS THE SURVYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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Lloyd's Register
Foundation

15010 ego.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case)

1896. 27/7/96 M 11/8/96 21/8/96 29/9/96 9/10/96 10/11/96 E 13/11/96 E 23/11/96 E 19/2/97

Workmanship. Are the butts of plating planed or otherwise fitted? Yes ✓

Is the riveted work properly closed? Yes ✓

Are the liners between the frames and plates solid single pieces? Yes ✓

Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Yes ✓

Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? Yes ✓

Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? Yes ✓

Do any rivets break into or through the seams or butts of plating? No ✓

Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes ✓

General Remarks (State quality of workmanship, &c.)

This is a steel screw span deck steamer, with a topgallant fore-castle, bridge house and a short turtle back poop. She has been built in accordance with the approved plans attached hereto and with the Rules generally. The water ballast tanks, decks, watercourses, tunnel pumps &c. have been tested & found satisfactory. The materials and workmanship are good.

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 8 ft., R.Q.D. or Break ✓ ft., Bridge Dk. 74 ft., F'castle 44 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) 1 dk ste and span dk (ste - Teak S) ✓

Official No. ; Signal Letters

How are the surfaces preserved from oxidation? Inside Paint & Portland Cement ✓ Outside Paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system Yes

Where fitted.	Length. Feet.	Water Capacity. Tons.	Where fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft, two compartments	78 1/2	100	Fore peak tank,	✓	
Double bottom, forward, three compartments	121	205	After peak tank,		49
Double bottom, under Engines and Boilers, one do	34 1/2	72	Midship deep tank,	✓	284
Double bottom, if under Engines only,			Other tanks, if fitted,		
Double bottom, if under Boilers only,		344	(If necessary, furnish further information by sketch.)		

State whether the above have been tested as required by the Rules. Yes

Order for Special Survey No. 2982	Date 21 st August 1896	1st. On the several parts of the frame, when in place, and before the plating was wrought	1896 Aug 21. 25. Sep 2. 7. 10. 11. 16. 23. 29. Oct 2. 8. 13
Order for Ordinary Survey No. ✓ <td></td> <td>2nd. On the plating during the process of riveting <td>23. 29. Nov 4. 10. 14. 24. Dec 1. 8. 11. 15. 18. 22. 24. 29</td> </td>		2nd. On the plating during the process of riveting <td>23. 29. Nov 4. 10. 14. 24. Dec 1. 8. 11. 15. 18. 22. 24. 29</td>	23. 29. Nov 4. 10. 14. 24. Dec 1. 8. 11. 15. 18. 22. 24. 29
		3rd. When the beams were in and fastened, and before the decks were laid	1897 Jan 12. 15. 19. 22
		4th. When the ship was complete, and before the plating was finally coated or cemented	Feb 4. 11. 17
No. 348 in builder's yard.		5th. After the ship was launched and equipped	
			Total No. of Visits 33

The amount of Entry Fee £ 4 : : : Fees applied for, 14/2 1894
Special Survey Fee £ 40 : 14 : 6 Received by me, 24 2 97
Travelling Expenses, if any £ : : : 23. 2. 18 97

Certificate to be sent to Glasgow
S. Hearle
Surveyor to Lloyd's Register of British and Foreign Shipping.

I am of opinion this Vessel should be Classed 100 A 1 "Steel" "Span deck"
With, or without Freeboard, as condition of Class of 5ft. 8 in below stat dk line which is 1/2 above wood span dk

Committee's Minute FRI. 26 FEB 1897
Character assigned 100 A 1 Steel span dk with freeboard 7.5-8
a top + 2 m/c 2 q/t elec. light
1 dk (ste) + span dk (ste - Teak S)

The Surveyors are requested not to write on or below the Committee's Minute.