

REPORT OF SURVEY FOR REPAIRS, &c.

Date of writing Report 24th DEC 1942 When handed in at Local Office 28 DEC 1942 Port of LIVERPOOL
 No. in Survey held at LIVERPOOL Date, First Survey 24 AUG 1942 Last Survey 13th Nov 1942
 eg. Book. 71360 on the Wood Iron or Steel Trp. Sc. "CERAMIC" (No. of Visits 33)
 TONNAGE 18713 Built at BELFAST By whom HARLAND & WOLF LD When 1913
 GROSS 16358 Owners SHAW SAVILL & ALBION CO LD Owners' Address (if not already recorded in Appendix to Register Book)
 UNDER DK 11582 Managers ✓ Port belonging to SOUTHAMPTON
 NET 11582 Name of Dock GLASTONE BR'N^o 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 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

Surveyed Afloat or in Dry Dock? BOTH Name of Dock GLASTONE BR'N^o 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 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
 Particulars of Classification (which must be inserted precisely as in Register Book & Supplements)

Only alterations in the existing records of tanks should be inserted.
 N.B.—All alterations in the existing records should be underlined.

Last Report, No. 42680 Port NYK

Periodical Surveys, when held, must be reported in detail and serially in the terms of the Rules and items remaining to complete the Surveys should be summarised. 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 summarised in the form shown below. Whenever the replacement of Anchors or Chains is reported the particulars should be clearly stated in the space provided on the back of this form. State also the dates and initials of any letters respecting this case.

In damage cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose and to whom and why they were declined

Society's Freeboard (if assigned) as painted on Ship and now verified } ✓ ft. ✓ ins.

Interim Certificate B issued. (Copy attached herewith) Was a damage report made by anyone else? if so, by whom? ATKINSON, YOUNG & ROBSON.

REPAIRS, OR EXAMINATION AS PER RULE, FOR CONDITION. WEAR & TEAR REPAIRS. (LICENCE N^o 8129)

DAMAGES. ALTERATIONS.

CONDITION. Vessel placed in drydock, shell plating + rudder cleaned and examined, bottom repairs commenced and vessel refloated.

Vessel again drydock, bottom repairs completed and vessel recoated.

N.T. repairs. N^o 1 Keel plate from forward P.S. sides found somewhat wasted & efficient welded doubling plates now fitted P.S. approx 8'-0" in length, and afterwards inspected. Keel blocks in way removed for access to effect repairs and refitted.

Minor welding effected to attachments of rudder stream line plating.

Preliminary tested N^o 2 D.B. Tank top on account of stated leakage, and found tank top plating and floor top angle set down slightly in way of the forward inboard hold pillar P.S.

SUMMARY OF DAMAGE REPAIRS:—	Shell Plates.	Frames.	R. Frames.	Floors and Bracket Floors	Beams.	Inner Bottom Plates.	Dk. Plates.	Other Items:—	P.T.O.
Renewed	✓	✓	✓	✓	✓	✓	✓	Bunker wall part of R.	
Removed and Fair'd or Repaired	✓	✓	✓	✓	✓	✓	✓	Shell caulking joints & hauled	
Fair'd or Repaired in place	✓	✓	✓	✓	✓	✓	✓	Internal repairs effected in D.B. Tanks as reported.	

PRESENT CONDITION OF THE

Decks	Efficient	Bulkheads	where exam ^d Effi	Engine Room Skylights	Effi	Copper, or Y.M.	(State if on Foot)
Caulking of Decks	"	Ceiling	"	Coal Bunkers, Openings, Covers, &c.	Good	When fitted, Month	Year
Coamings	"	Cement or Asphalt	Good.	Oil Bunkers	✓	Boats	Good
Beams & Fastenings	where exam ^d Effi	Rudder	"	Scuppers	Good	Masts, and , &c.	Satisfactory
Outside Plating	as per. Efficient.	Steering gear and its connections	"	Cargo Hatchways	"	Condition, how ascertained	from dk.
" " in way of sidelights	✓	Windlass	"	Hatches	"	(State if wedges removed.)	
Frames	where exam ^d Effi	Have pumps been examined and found efficient?	✓	Planking	✓	Equipment letter	
Reverse Frames	✓	Have Sluice Valves been examined and found efficient?	✓	Caulking	✓	Anchors, No. of	
Longitudinals	✓	Have Watertight Doors been examined and found efficient?	✓	Treenails	✓	Cables (State if now ranged)	no.
Transverses	✓	Have Ventilators and their Coamings been examined and found efficient?	✓	Breasthooks & Stemson	✓	" length	mean diam.
Floors	where exam ^d Efficient			Transoms, Pointers & Catches	✓	(on board)	
Keelsons	"			Timbers of Frame at openings	✓	" Rule length	size
Stringers	✓			" " at other places	✓	Chain Locker	
Inner Bottom Plating	where exam ^d Effi and	Air and Sounding Pipes	Good	Stringers, Clamps & Shelves	✓	Hawser & Warps	Sufficient
Have the Tanks been examined internally	as per.	Doubling Plates under Sounding Pipes	"	Salking	✓	Standing and Running Rigging	Efficient
Have the Tanks been tested?				(State if examined.)		Sails	✓

DAMAGE ② stated to have been sustained during heavy weather on various dates in June 1942 whilst on homeward voyage from Lyttelton N.Z. to Liverpool via Panama.

Found damage of a minor character sustained to boat chocks & boats N^{os} 3, 5, 9, & 13; extension to starboard accom^m. ladder stated washed overboard; iron ladder to poop buckled; a number of portlights leaking; guard rails in several places bent; and a few other minor deck fittings damaged.

Permanent repairs lifeboats & chocks overhauled & repaired as necessary; supplied new extension to acc^m ladder SS; renewed iron ladder, overhauled portlights in passenger and crew accom^m, guard rails faired & repaired as required. Other minor deck fittings repaired.

Damage ③ stated to have been caused by fire in N^o 4 bunker hold on 12th October 1942 whilst vessel afloat in W. Canada Dock Liverpool.

Now done:- Coal removed & bunker hold examined for damage. Found no evidence of any structural damage, but wood bilge ceiling at forward end of hold SS found partly burnt.

Permanent repairs:- Renewed approx 130'-0" bilge ceiling.

ALTERATIONS.

The Owners have at this time fitted accommodation for crew at aft end of N^o 6. Upper Tween decks. 12 diam^t ports with deadlights of substantial construction fitted in ship sides (4 PS & 3 SS), meat port door PS in N^o 6 U.T. dks removed and openings in shell permanently closed with riveted spigot plates made watertight. steel skylight fitted 4'-0" x 3'-0" x 24" high on upper deck between N^{os} 6 & 7 hatchways. skylight of substantial construction provided with hinged watertight steel covers secured with toggle fasteners efficiently spaced, ship side door PS to bridge tween deck space abreast engine casing now permanently closed by welding the edges of the door to shell plating.

A watertight hinged door has been fitted on starboard side of the W.T. bhd between N^{os} 6 & 7. Upper tween decks and operated from either side of this bhd.

A report C 11 (cont) has been issued with respect to these alterations for attachment to the Load Line Report on board the vessel (Copy attached herewith.)

S.R. List Indented shell pl^{ts} at landing of 5th & 6th strakes below bridge sheer between frs 57/58 from forward on SS; N^o 5 D.B. Tank aft tank and PS, gupper & tween deck pltg SSF. have been specially examined & found to remain efficient.

The floors in N^{os} 11 & 12 D.B. Tanks have been specially examined at this time on account of grounding damage (as described in body of report) and the floors were found or have now been placed in an eff^{ic} condition. N^o 7 D.B. Tank top (SS) specially examined & repairs effected at this time on account of damage. (See report under Damage ①)

S.R.L (cont)

Nothing has been done at this time to effect permanent repairs to the FRA bld in trimming passage, but temporary repairs previously effected examined & found to remain efficient. Fracture in sternframe SS (EW 7.40) specially examined & remains efficient, it is therefore submitted that this item may now be deleted from the S.R. list.

J. J. Roberts (24-12-42)

Damage ③ states to have been caused by fire in N 4 bunker on 12th October 1942 whilst vessel at anchor in W. Tank Dock & port. No fire: - Boat removed & bunker later examined for damage. Found no evidence of any structural damage, but noted slight ceiling at forward end of tank. No fire partly burnt. Permanent repairs: - Replaced approx 130'0" b/lge ceiling.

REMARKS
The Bureau have at this time fitted accommodation for use at aft end of N 4 upper tank deck. 12 days later with completion of structural construction fire in ship was (25.12.42), vessel put back in N 4 at the moment and repairs in shell permanently closed with rivets and plates made watertight. Also slight fire 15'0" x 25'0" high on upper deck between N 4 & 7 tank deck. Slight structural construction provided with slight watertight steel covers secured with toggle fasteners efficiently secured, which can be fitted in case of fire. Bridge tower deck space above engine casing now permanently closed by welding the edges of the door to shell plating. A watertight ring door has been fitted on starboard side of the W 5 bld between N 4 & 7. Upper tank deck and operators from catwalk platform. A report C 11 (port) has been issued with respect to this alteration for attachment to the boat line report on board the vessel (copy attached herewith).

S.R. list structural steel b/lge of landing of 2'0" x 2'0" between 25/28 forward & 12' N 2 B Tank aft tank has 28 girths & 12'0" x 2'0" x 2'0" have been specially examined & found to remain efficient.

The floor in N 4 & 12 B Tanks have been specially examined at this time on account of growing damage (as recorded in (copy of report) and the floor was found to have been placed in an efficient condition. N 7 B Tank top 22' specially examined & repairs effected at this time on account of damage. (See report under damage ④)

