

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at London Office MON. JUL 7-1913

Date of completion of report 3 July 1913.

Survey held at Flensburg

On the single screw steamer Sumatra

State if Report is also sent on the Machinery of the Vessel yes

Port of HAMBURG

Date, First Survey 11 October 1912

Last Survey 30 June 1913

No. 13485

Rig Schooner

Master C. Wellhöfer 00-13

Year of appointment (1) As Master in service of owner of present vessel: 191 (2) As Master of this vessel: 191

Built at Flensburg

When built 1913 Launched 8 May 1913

By whom built Flensburger Schiffbau. Ges.

Owners Deutsch. Australische Dampfschiffs

Managers Gesellschaft

Residence HAMBURG

Port belonging to HAMBURG

TONNAGE under Tonnage Deck... 6935.1

Do. of Poop

Do. of R.Q. Dk.

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Dk.

Do. of Hatchways

Do. of Room .. 4484.4

Do. of Space

Do. of Crown of Room .. 4485

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CLASS 100 A1

Breadth (greatest moulded) 62.46

Depth, at middle of length from top of keel to top of upper deck beams at side 32.08

Transverse Number 94.54

Length on deck from fore part of stem to after part of stern post 482.33

Longitudinal Number 45599

Depth "d" at middle of length (See Secs. 2 & 13) 14.10 1/2

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 15.03

" " Long Bridge Deck Beam at side to top of keel 11.98

Destined Voyage Australia

If Surveyed while Building, Afloat, or in Dry Dock yes

Feet. Inches. BREADTH—Moulded 62 5 1/2 DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams 29 5 1/2 No. of Decks with flat laid 2 No. of Tiers of Beams 2

Moulded depth, ft. 40 ins. 3 To Bridge Dk. Round of Upper Dk. Beam, Actual 15 ins. To Upper Dk.

FRAMING. IN HOLDS Nos. 1, 2, 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

FRAMING. IN HOLDS Nos. 1, 2, 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, 28



[illegible]

EQUIPMENT No. 48860										LETTER C-7										ANCHORS.										TONNAGE U.D.K. OR PLATING NO. FOR TRAWLERS										MON. JUL 7 - 1913									
Number of Certificate.		Anchors.		WEIGHT, EX STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 31.			Description of Anchor.			Makers.			Where and when tested and Superintendent.																											
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.																																		
40163	1st Bower ...	86	1	0	Steeles	61	10	0	0	85	2	0	Green's Special Duty	J. Green	Ypton 19 Dec 1912																																		
40165	2nd " ...	84	1	4	"	60	10	0	0	85	2	0	"	"	"	"	"	"	"	"	"	"																											
40164	3rd " ...	74	2	0	"	56	8	0	0	73	2	0	"	"	"	"	"	"	"	"	"	"																											
	4th " ...	2	0	0	"	2	0	0	"	2	0	0	"	"	"	"	"	"	"	"	"	"																											
	Collective weight	245	0	4						244	2	0																																					
68816	Stream .....	25	1	14	6	1	15	25	3	3	0	225	78	0	Ordinary	Early of Dudley	24 Feb 1913	H. Norton																															
68815	Kedge.....	12	0	4	3	0	21	13	19	2	21	12	0	0	"	"	"	"	"	"	"	"																											

  

CHAIN CABLES.										HAWSEWS AND WARPS.													
Number of Certificate.		Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table 31.		Description.		Makers of Cables.		Where and when tested and Superintendent.		Material.		Length and Size supplied.		Breaking Test of Steel Wire Towline.		Length and Size per Table 31.	
		Fathoms.	Inches.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Fathoms.	Inches.					Fathoms.	Inches.	Tons.	Tons.	Fathoms.	Inches.
50255	300	2 1/2	1 1/2	16 3/4	16 3/4	99	12	2	98	9	0	300	2 1/2	Steel link Early of Dudley H. Norton 27 Feb 1913	TOOWLINE	120	3 1/2	33	120	5 1/2			

  

Boats 4 Helicopters 2 D 25 x 4 1/4 x 3 x 3 1/2 Pump 14 x 3 x 6 1/2 Steering Gear, Steam yes Steering Gear, Hand yes

Pumps, Number 1 Diameter 10 inches State whether they are in efficient working order yes

Windlass is a Steam Windlass of Clark Chapman Type Capstan none

Engine Room Skylights.—How constructed? Steel fitted w. safety glass What arrangements for deadlights in bad weather? covers

Coal Bunker Openings.—How constructed? Steel coverings How are lids secured? 2 1/2 inch Tar painted lids Height above deck? 30 inches Bridge

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 1 Scupper 1 3 inches bore 3.0 x 1 1/2

Ceiling in Holds, thickness and material 2 1/2 pine Cargo Battens, thickness and material 2 1/2 pine

Cargo Hatchways.—How formed? Steel round corners Hatches, If strong and efficient? yes

State size No. 1 Hatch (Forward) 24 1/2 x 14 1/2 No. 2 Hatch 22 1/2 x 14 1/2 No. 3 Hatch 25' 8" x 14 1/2 No. 4 Hatch

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch No. 1, 2, 5, 6, 8 y each 3 No. 4 hatch 2 No. 3 hatch 5 web plates fore and afters are not filled Hatches 3"

No. of Breasthooks 5 No. of Crutches steel decks

Bulwarks, height above deck and description 54" of bridge side plating thickness Main Rail, material and size 6 x 3 x 50

The foregoing is a correct description.

Builder's Signature (and name) Flensburg Schiffsbau-Gesellschaft Surveyor's Signature Geo. Dyke

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

  

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

M 13 May 11 October 7 Dec 8 June E. 28 Oct 14 December 1912

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

Is the riveted work properly closed? yes

Are the liners between the frames and plates solid single pieces? plating joggled at sides 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 facing surfaces? yes Do any rivets break into or through the seams or butts of the plating? none

Are the butts of Plating, Stringers, &c., properly shifted and strapped? yes Realplate double strapped remainder overlapped

Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? yes State results of tests good

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? yes State results of tests good

General Remarks (State quality of workmanship, &c.) This steel screw steamer has been built in conformity with the approved amended plans, and in all other respects in accordance with the Rule requirements, with a view to obtain the Society's highest class in the Society's Register Book. The workmanship throughout is of the best description all parts conforming well with each other and efficiently riveted. The steel materials used in the construction have been made at works approved by the Committee and tested by the Society's Surveyors in accordance with the Rule requirements. Stern frame and Rudder are duplicate of those approved for the same Builder sister vessel Report No 13092. The double bottom, fitted to above leadline, plates to 8 ft above tank deck and fitted to height of upper deck tunnel shell heads is held tight with a hose spanned tight. Pumps in working order. No 3 hold live girders fitted under 2nd deck in line of pillars as approved. Hold No 6 & 7 are insulated for carrying fuel, most cargo in conformity with the approved plans. Live coal telegraph system. See further. This vessel varies in arrangement of Bulwarks to the

The Surveyor should state the Number of Report and Name of any Sister Vessel. No 13092 Australia

  

The amount of Entry Fee . . . . .		Special Survey Fee . . . . .		Travelling Expenses, if any . . . . .		Total . . . . .		Fees applied for, . . . . .		Certificate to be sent to . . . . .		Date of issue . . . . .	
105	:	4350	:	210	:	210	:	28 June 1913	:	HAMBURG	:	9/13	:
	:		:		:		:	Received by me, G.D.	:		:		:
	:		:		:		:	1 July 1913	:		:		:

State whether the Vessel has been built under Special Survey yes

I am of opinion this Vessel should be Classed **X 100A1**

With, or without Freeboard, as condition of Class without Freeboard

Committee's Minute TUE. JUL 8 - 1913

Character assigned 100A1

Dyke and Co.

+ Lm. b. 6. 13

J. D.



GENERAL REMARKS—(continued).

WEB FRAMES.  
FRAMES, In Fore Body, 1  
" " brd  
No of Side Stringers  
FRAMES, In E. & B. Space  
" " brd  
FRAMES, In After Body, 1  
" " brd  
No. of Side Stringers 2,  
Size of Face Angles to We  
KET PLATES to String  
Frames, depth and thickn

KHEADS.	Number.	
	Vessel.	Per Rule.
ULKHEADS	8	7
SION ..	1	1
TION ..		
TUDINAL..		

outside Plates doubled f  
Sluice Valves and Water

STRAKES.	Breadth	
	Inches.	
PLATE KEEL.....	50	
ARD or A Strake	76	
ctual B "	76	
ess in C "	76	
Double D "	76	
om. E "	76	
F "	5	
G "	7	
H "	7	
J "	7	
K "	6	
L "	6	
M "	6	
Sheer N "	5	
O "		
P "		
Q "		
R "		
S "		
T "		
U "		
V "		
W "		

SS OF SH'ESTRKE  
F LONG BRIDGE  
F STRAKE BELOW  
Flat Plate Keel  
Sheerstrakes  
and thickness.  
IDES .....  
BRIDGE SIDES ...  
STLE SIDES .....

r Deck {Butt  
er Plate {Stra  
d Deck {Butt  
er Plate {Stra  
f Bridge  
blating Bui

ES extend in one  
SED FRAMES  
2 Deck in

MASTS.....

ts, Yards, and

r, Material and

best

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *poop & Bridge are joined together.*  
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 should appear in the Register Book) *2 Decks steel. 2 tiers of Beams Lower decks & Head as 1, 2 & 4*  
Official No. .... ; Signal Letters  
How are the surfaces preserved from oxidation? Inside *Cement & Asphalt, & Oil paint* State if Machinery is fitted aft  
Outside *Paint & Oil paint*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors <i>Cell. Double</i>			
Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.
Double bottom, aft,	163.4	404	Fore peak tank,
Double bottom, under Engines and Boilers,	39.8	212	After peak tank,
Double bottom, if under Engines only,	46.8	259	Deep tank, aft,
Double bottom, if under Boilers only,	177.8	443	Deep tank, forward,
Double bottom, forward,		1946	Other tanks, if fitted,
* The wells are not to be included in the lengths of the tanks.			(If necessary, furnish further information by sketch.)

Order for Special Survey No. 25  
Date 15 May 1912  
No. 332 in builder's yard.  
DATES of Surveys held while building  
11 & 25 October 8 & 26 Nov 6 & 28 Dec 1912  
4, 9, 18, 19, 24, 30 May 4, 9, 18, 24, 28 June 1913  
State whether the above have been tested as required by the Rules. 400

Surveyor's Signature

Geo. D. McKee