

3 Decks.

IRON OR STEEL STEAMER.

Received at London Office **MUN. 22 SEP 1902**

Date of completion of report *20th September 1902* State if Report is also sent on the Machinery of the Vessel *Yes*
Survey held at *Dundee* Port of *Dundee* No. *6851*
On the *steel screw steamer "VICTORIA"* Date, First Survey *24th September 1901* Last Survey *19th September 1902*
Rig *Fore & aft schooner*
THREE DECKED VESSEL.
CLASS *100A1*
Master *J. Free*
Year of appointment *(1) As Master in service of 1896
(2) As Master of this vessel 1902*
Built at *Dundee*
When built *1902* Launched *21st June*
By whom built *Cowley Bros & Co*
Owners *Huddart, Parker & Co, Proprietary Ltd*
Managers *(Where necessary to be entered in Reg. Book.)*
Residence *Melbourne, Australia*
Port belonging to *Melbourne Dundee*
Destined Voyage *Melbourne via Cape Town* If Surveyed while Building, Afloat, or in Dry Dock *Yes*

Deck	Ft.	Inches	BREADTH—	Ft.	Inches	DEPTH, ACTUAL—	Ft.	Inches	No. of Decks with flat laid
1st	333	2 1/2	Moulded	43	0	Top of Floors to top of Upper Dk. Beams	20	8 1/4	Two
2nd						Do. do. do. do. Main Dk. Beams	12	9 1/4	Two
3rd									

Ship per Register, Length *335'* breadth *43' 2"* depth *20' 6"* Moulded depth, ft. *23* ins. *1 3/4* To Upper Dk. Round of Upper Dk. Beam, Actual *10 1/2* ins.

FRAMING.	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
1st or 2nd Bars for length	6	3	11	6	3	11
at each end	6	3	10	6	3	10
of Double Bottoms at Solid Floors	3	3	8-7	3	3	8-7
Frames from moulding edge to edge, all fore and aft	24		24			
FRAME, Angles						
depth of girder						
depth and thickness of Floor Plate						
mid line for length amidships						
of Engines and Boilers						
ness at the ends of vessel						
at the half breadth, as per Rule	48		48			
extended at the Bilges	40		40			
BRACKETS in Cell Dble Bottoms	24		24			
Distance apart	48 1/2		12-10	48 1/2		12-10
ORDER, in Double bottom, depth						
thickness	4		4		4	9-8
Angles, Top	4		4		4	9-8
Bottom	3 1/2		3 1/2		3 1/2	7
ERS, number on each side & thickness	30		30		30	9
Angles, depth (exclusive of flange)	3 1/2		3 1/2		3 1/2	8
thickness	36		36		36	2-8
Angles to Outside Plating	7 1/2		7 1/2		7 1/2	3
OTTOM PLATING, breadth and thickness of Middle Line Strake						
in Engine and Boiler space						
Remainder in Holds						
Upper Deck, Single Angle, Bulb	7 1/2		7 1/2		7 1/2	3
angle, Plate or Tee Bulb						
angles on upper edge	24		24			
verage space	8 1/2		8 1/2		8 1/2	3 1/2
iddle Deck, Single Angle, Bulb	7 1/2		7 1/2		7 1/2	3
angle, Plate or Tee Bulb						
angles on upper edge	24		24			
verage space						
ower Deck, Single Angle, Bulb	8		8		8	5 1/4
angle, Plate or Tee Bulb						
angles on upper edge	48		48			
verage space	6		6		6	3
edge Deck, Angle, Bulb Angle, Plate						
Plate or Tee Bulb						
angles on upper edge	48		48			
verage space	8		8		8	5 1/4
recastle Deck, Angle, Bulb Angle, Plate						
Plate or Tee Bulb						
angles on upper edge	48		48			
verage space	2 1/2		2 1/2		2 1/2	48
In 'tween Deck, size and spacing	3 1/2		3 1/2			
" Hold						
Quarter 'tween Dks.,						
" in Hold						
IES, In Fore Body, No. and spacing	9		9		9	6 frames
alle Deck, brdth. & thickness	15		15		15	8-7
. of Side Stringers	2		2		2	15
IES, In E. & B. Space, No. & spacing	8		8		8	as per plan
brdth. & thickness	18		18		18	8
IES, In After Body, No. and spacing	5		5		5	6 frames
alle Deck, brdth. & thickness	15		15		15	8-7
. of Side Stringers	2		2		2	15
" No. of Side Stringers	5		5		5	4
" Size of Angles or Tee Bars to Web-Frames						
BRACKET PLATES to Stringers between Web-Frames, depth and thickness						

FORGINGS or CASTINGS.		Inches in Ship.		Inches per Rule.					
KEEL, Plates or Side Plates, depth and thickness		8 1/2 x 1 3/4		8 1/2 x 1 3/4					
STEM, moulding and thickness		8 1/2 x 3 3/8		8 1/2 x 3 3/8					
STERN-POST for Rudder do. do.		11 x 6		11 x 6					
" for Propeller		11 x 6		11 x 6					
MAIN PIECE of Rudder, diameter at head		9		9					
" <i>Cast Steel</i> , do. at heel		7 x 7		7 x 7					
RUDDER, how constructed <i>Cast steel frame</i>		<i>Single plate</i>		<i>22/20</i>					
Can the Rudder be unshipped afloat?		<i>Yes</i>							
KEELSONS & STRINGERS.		Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	Inches per Rule per Rule Approved.			
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate									
" Rider Plate									
" Bulb Plate to Intercoastal Keelson									
" Horizontal Plates on Floors									
" Angles									
SIDE KEELSON, Angles									
" Bulb or Plate above floors, for length									
" Intercoastal Plate, for length									
" Attached to outside Plating with Angle									
BILGE KEELSON, Angles <i>(at ends)</i>		6 1/2	4	8	6 1/2	4	8		
" Bulb or Plate above floors, for length									
" Intercoastal Plate for <i>length of keelsons</i>		12 1/2		7	12 1/2		7		
" Attached to outside Plating with Angle		3 1/2	3	8	3 1/2	3	8		
BILGE STRINGER Angles <i>on face, as per plan</i>		5	4	11	5	4	11		
" Bulb Plate for length		18 in E. & B. Space		18 in E. & B. Space					
" Intercoastal Plate for <i>full</i> length		15		8-7	15		8-7		
" Attached to outside Plating with Angles		3 1/2	3	8	3 1/2	3	8		
SIDE STRINGER Angles <i>on face, as per plan</i>		5	4	11	5	4	11		
" Bulb or Intercoastal Plate, for <i>full</i> length		15		8-7	15		8-7		
" Attached to outside plating with Angles		3 1/2	3	8	3 1/2	3	8		
Upper Deck Stringer Plates, br'dth & thickness		51-63	7	12-8	51-37		12-8		
" Angles on ditto		4 1/2 x 4 1/2		10-9	4 1/2 x 4 1/2		10-9		
" Tie Plates fore and aft, outside Hatchways									
" Deck * Iron or Steel , for <i>full</i> length				7-6			7-6		
" Wood Deck. Material & thickness <i>P. Pine</i>		4 1/2 x 3	3 in E. & B. Space	11	4 1/2 x 3	3 in E. & B. Space	11		
Middle Deck Stringer Plate, br'dth & thickness		51-38		10-8	51-37		10-8		
" Angles on ditto, No. 2		4 x 4		9-8	4 x 4		9-8		
" Tie Plates outside Hatchways									
" Diagonal Tie Plates on Bms, No. of prs.									
" Deck * Iron or Steel , for <i>full</i> length				7-6			7-6		
" Wood Deck. Material & thickness									
Lower Deck Stringer Plate, br'dth & thickness									
" Angles on ditto, No.									
" Tie Plates outside Hatchways									
" Deck * Material and thickness									
Hold, or Orlop Stringer Plate, br'dth & thckn's									
" Angles on ditto, No.									
" Tie Plates outside Hatchways									
" Deck. Material and thickness									
Poop Deck Stringer Plate, breadth & thickness		42-30		8-6	42-28		8-6		
" Angle on ditto		3 1/2 x 3 1/2		9-8	3 1/2 x 3 1/2		9-8		
" Tie Plates <i>to plating in way of 4th B. as per plan</i>		12		8-6	12		8-6		
" Deck. Material and thickness <i>Seak</i>		5 x 3 1/2			5 x 3 1/2				
UPPER BRIDGE Deck Stringer Plate, br'dth & thickness		18		7					
" Angle on ditto		3 1/2 x 3		8					
" Tie Plates <i>to pairs of Diagonal tie plates</i>		9		6					
" Deck. Material and thickness <i>Seak 5 x 2 1/2</i>				5-2 1/2 yellow pine					
Forecastle Deck Stringer Plate, br'dth & th'kns		42-31		8-6	42-28		8-6		
" Angle on ditto		3 1/2 x 3 1/2		9-8	3 1/2 x 3 1/2		9-8		
" Tie Plates		12		8-6	12		8-6		
" Deck. Material and thickness <i>Seak</i>		5 x 3 1/2			5 x 3 1/2				
BULKHEADS.		Number.	Thickness.	STIFFENERS.		Single or Double Frames.	Height up.		
		In Vessel.	Per Rule.	Horizontal.		Vertical.			
				Size.	Spacing.	Size.	Spacing.		
		Inches.	Inches.	Inches.	Inches.	Inches.	Inches.		
W. T. BULKHEADS		7	7	7 x 6	7 x 3 1/2	48	5 x 3 1/2	30	Double upper 5'
PARTITION		1		6			3 x 2 1/2	36	Single middle 1'
LONGITUDINAL									
Are the outside Plates doubled two spaces of Frames in length?		<i>Yes, diamond shape</i>							
Are the Sluice Valves and Watertight Doors in efficient working order?		<i>Yes</i>							

PLATING.										RIVETING.									
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.			BUTTS.									
	AMIDSHIP.		FORWARD.		AFT.	AMIDSHIP.		Single or Double.	Breadth of Lap.	RIVETS.	Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.			
	Breadth.	Thickness.	Thickness.	Thickness.		Breadth.	Thickness.					Diam.	Spacing or to or.	Diam.	Spacing or to or.	Breadth.	Thick-ness.	Breadth.	For what Length.
					Inches.			$\frac{1}{16}$ to 2 1/16	$\frac{1}{16}$ to 2 1/16	$\frac{1}{16}$ to 2 1/16	Inches.								
FLAT PLATE KEEL..... (If Bar Keel, state Riveting)	36	12	11	11	36	12	Double	5 1/2	3 1/2	3 1/2	3 1/2 full	3 1/2	3 1/2	16 3/4	16	11 1/2	full		
GARBOARD OR A Strake	57 1/2	10	9	9	57	10	"	"	"	"	4 1/2 half	"	3 1/2			"	"		
State actual thickness in way of Double Bottom.	56 1/2	11	9	9	56	11	"	"	"	"	5 1/2	"	"			"	"		
B "	57	10	10	9	57	10	"	"	"	"	"	"	"			"	"		
C "	54 1/2	13	10	11	54	13	"	"	"	"	3 1/2	"	3 1/2			9	3/4 Lines		
D "	53	12	10	10	54	12	"	"	"	"	4 1/2	"	3 1/2			11 1/4	3/4 "		
E "	54 1/2	13	10	10	54	13	"	"	"	"	3 1/2	"	3 1/2	16 3/4	15-11				
F "	54	11	9	9	54	11	"	"	"	"	4 1/2	"	"	21	16-11				
G "	52 3/4	12	9	9	52 3/4	12	"	"	"	"	4 1/2	"	"	16 1/2	15-11				
H "	53 3/4	11	9	9	54	11	"	"	"	"	3 1/2	"	1	3 1/2	19	21-12			
J "	44	17	10	10	44	15	for	5 1/2	3 1/2	3 1/2	3 1/2	3 1/2	2 1/2	9 1/2	9-7				
K "	41	9	7	7	40	9	"	4 1/2	3 1/2	3	2 1/2 full	3 1/2	2 1/2	16 3/4	11-7				
L "	55 1/2	10	7	7	55	10					3 1/2 half	3 1/2	3 1/2						
M "																			
N "																			
O "																			
P "																			
Q "																			
R "																			
DOUBLING OF Flat Plate Keel																			
Length and thickness of Sheerstrakes	at break 56 1/2	10	9	9	56	11													
Length and thickness of Strake below	41	10	9	9	41	10													
POOP SIDES	as noted above				as above														
BRIDGE SIDES	Length of plating, 10 ft. frame spaces																		
FORECASTLE SIDES	10	10			10														

Write Sheer Strake in margin in corresponding letter.

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c. *Plates: Steel by J. & S. Colclough, Glasgow.*
Hoarder: Union, Palmer Ship, Iron Co. Ltd. Bars: Steel by J. & S. Colclough, Glasgow.
Boys of Scotland, Lanarkshire Steel Co. Ltd. Palmer, 50 & 51.
Connell Iron Co. Hoarder: Union.
 Has the Steel been tested as required by the Rules? *Yes*

FRAMES extend in one length from *centre line* to *marginal plate, thence to gunwale*
 REVERSED FRAMES on floors and frames extend from *no reverse frames plan of tank, hull angle framing.*
reverse frames double in 6 ft. space, marginal plate to marginal plate.

MASTS, SPARS, &c.										RIVETING.									
LOWER MASTS.	Fore	Main	Mizzen	Material	Total Length	At Partners	Heel	Rounds	Head	No. of Plates in round	Number	Size	Seams	Butts					
Fore	Steel	92'-0"	74'-3"	19'-2"	19'-2"	16'-2"	16'-2"	16'-2"	16'-2"	Two	3	3 1/2 x 3 1/2	Single	Double					
Main	Steel	89'-6"	"	"	"	"	"	"	"	"	"	"	"	"					
Mizzen	Steel	"	"	"	"	"	"	"	"	"	"	"	"	"					
Remains																			
Topmasts, Yards and Remainder of Spars																			
Rigging, Material and Size, Shrouds Fore Main, gale steel wire 1/4" 3/4", Backstay 2 1/2". Stays Fore 1 1/4", Main 3 1/2", Fore topmast 3 1/2", Main 2 1/2".																			
Sails.																			

EQUIPMENT No. 33712 LETTER V.										ANCHORS.									
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 22.			Description of Anchor.	Makers.	Where and when tested and Superintendent.			
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.				lbs.		
23637	1st Bower	48	0	21	Stockless			41	4	0	7	47	2	0	Britannia (Sykes)	R. Sykes & Sons	Lybston 7-5-02. P. B. Harring		
18079	2nd "	47	2	0	8"			40	16	1	0	47	2	0	Low pat.	J. Abbott & Co.	Low Walker 30-0-02. M. J. Kelly		
18266	3rd "	40	2	14	8"			36	4	1	14	40	1	0	8" 8"	8" 8"	8" 28-8-02 8"		
441	"																		
Collective weight		136	1	7								135	1	0					
18212	Stream	11	2	21	3	0	0	13	12	2	0	11	2	0	Rodgers	8" 8"	8" 7-8-02 8"		
18166	Kedge	5	3	21	1	21	0	8	5	0	0	5	3	0	8"	8"	8" 3-7-02 8"		

Drop & mechanical tests applied to each steel anchor head and shank by MTC, London on 15-13-02 & 17-02-02. Results by T. C. McWilliam on 15-13-02 & 17-02-02. Results by T. C. McWilliam on 15-13-02 & 17-02-02. Results by T. C. McWilliam on 15-13-02 & 17-02-02.

CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate.	Fathoms.	Size.	Test per Certificate.	WEIGHT OF CHAIN CABLE.			Description.	Makers of Cables.	When and where tested, and Superintendent.	Material.	Fathoms.	Size.	Breaking Test of Steel Wire Towline.	Fathoms and Size per Table 22.					
				Supplied.	Per Table 22.	Per Table 22.													
9721	45	2"	72	100	90	1-10	Steel	J. Abbott & Co.	Low Walker 29-5-02	POWLINE	120	4 1/2	39	120	4 1/2				
9765	90	2"	180	3-21			"	"	"	HAWSER	120	3 1/2	30-7	120	3 1/2				
9837	135	2"	270	2-1			"	"	"	WARP	120	3	26-2	120	3				
Iron Steam Chain	270		540	1-4	538	3-0	270-2	Steel	J. Abbott & Co.	"	120	7		120	7				
9646 & 9735	135	1 1/2"	270	1-10	65	0-16	90-1 1/2	"	"	"	120	7		120	7				

Boats 6 lifeboats, each 28 ft. long, 24 ft. wide, 18 ft. deep.
 Pumps Number 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

