

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

TURRET VESSEL.

CALCULATION OF RESERVE BUOYANCY.

Name of Vessel

TEESPOOL

Builder's Name

Messrs Roper Sons & Co. Ltd

REGISTERED DIMENSIONS	LENGTH	ASSUMED DRAUGHT IN CALCULATION (MOULDED)
	BREADTH	COMMON INTERVAL BETWEEN SECTIONS $\div 3 =$
	DEPTH	MULTIPLIER FOR PLANIMETER READINGS
LENGTH ON WATER LINE	351.5	" " DISPLACEMENT $(9.764 \times 16.2) \div 35 = 8928$
BREADTH, MOULDED	52.79	" " TONS PER INCH $(9.764 \times 2) \div 420 = 0.465$
DEPTH, MOULDED	30.33	PERCENTAGE OF RESERVE BUOYANCY (AS PER TABLES)

DISPLACEMENT BELOW ASSUMED W.L.				TONS PER INCH AT ASSUMED W.L.				DISPLACEMENT BETWEEN ASSUMED W.L. AND BASE OF TURRET.				DISPLACEMENT OF TURRET.			
No. of Section.	Planimeter Readings.	Multipliers.	Products.	No. of Section.	Ordinates.	Multipliers.	Products.	No. of Section.	Planimeter Readings.	Multipliers.	Products.	No. of Section.	Planimeter Readings.	Multipliers.	Products.
1	—	1/2	—	1	—	1/2	—	1	—	1/2	—	1	—	1/2	—
1 1/2	11.62	2	23.24	1 1/2	10.34	2	20.68	1 1/2	5.31	2	10.62	1 1/2	5.785	2	11.57
2	21.83	1 1/2	32.74	2	17.72	1 1/2	26.58	2	8.73	1 1/2	13.09	2	6.495	1 1/2	3.248
3	32.20	1	32.20	3	24.18	1	24.18	3	11.52	1	11.52	3	—	—	—
4	37.33	2	74.66	4	25.75	2	51.5	4	12.07	2	24.14	4	—	—	—
5	38.02	1	38.02	5	26.0	1	26.0	5	12.15	1	12.15	5	—	—	—
6	38.02	2	76.04	6	26.0	2	52.0	6	12.15	2	24.3	6	—	—	—
7	38.02	1	38.02	7	26.0	1	26.0	7	12.15	1	12.15	7	—	—	—
8	38.02	2	76.04	8	26.0	2	52.0	8	12.15	2	24.3	8	—	—	—
9	38.02	1	38.02	9	26.0	1	26.0	9	12.15	1	12.15	9	—	—	—
10	36.56	2	73.12	10	25.64	2	51.28	10	11.98	2	23.96	10	—	—	—
11	30.56	1	30.56	11	24.36	1	24.36	11	11.59	1	11.59	11	—	—	—
12	16.93	1 1/2	25.39	12	20.20	1 1/2	30.3	12	10.34	1 1/2	15.51	12	6.495	1 1/2	3.248
12 1/2	5.74	2	11.48	12 1/2	11.40	2	22.8	12 1/2	7.97	2	15.94	12 1/2	6.495	2	12.990
13	—	1/2	—	13	—	1/2	—	13	.95	1/2	.47	13	6.420	1/2	3.21
1103.99				813.30				390.57				34.266			
Displacement Multiplier 8.928				Tons per Inch Multiplier 0.465				Displacement Multiplier 8.928				8.928			
9856				37.82				3487				306			
Shell Plating Displacement 47				Shell Plating 12				Shell Plating Displacement 9				Sects 2-12			
Displacement below W.L. 9903				TONS PER INCH 37.94				Displacement between W.L. and Base of Turret 3496				6.495 x 16.2 x 299.99 = 1740			
" between W.L. and Base of Turret 3496								Percentage of Turret 1234				Shell plating 2046			
Dispt. below Base of Turret 13399								Total Displacement above W.L. 4730				Percentage of Turret 60			
Percentage of Turret 1234								Reserve Buoyancy required by Tables 4785				of Turret 1234			
Total Displacement 14633								DIFFERENCE 55							
Percentage Reserve Buoyancy 32.7								Tons per Inch 37.94							
RESERVE BUOYANCY REQUIRED BY TABLES 4785								Correction of W.L. + 1 1/2"							

DEPTH, MOULDED

" " + THICKNESS OF IRON DECK

DRAUGHT (MOULDED) ASSUMED IN CALCULATION

FREEBOARD

CORRECTION OF W.L., AS ABOVE

TABLE FREEBOARD

30.4

30.4 1/2

23.6

6.10 1/2

+ 1 1/2

7.0

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