

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

TURRET VESSEL. CALCULATION OF RESERVE BUOYANCY.

Name of Vessel *"Leespool"* Builder's Name *Ropner & Son No 428*

REGISTERED DIMENSIONS				ASSUMED DRAUGHT IN CALCULATION (MOULDED)			
LENGTH				COMMON INTERVAL BETWEEN SECTIONS $\div 3 =$			
BREADTH				MULTIPLIER FOR PLANIMETER READINGS			
DEPTH				" " DISPLACEMENT			
LENGTH ON WATER LINE				" " TONS PER INCH			
BREADTH, MOULDED				PERCENTAGE OF RESERVE BUOYANCY (AS PER TABLES)			
DEPTH, MOULDED							

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.
<i>See previous Calculation</i>															
Displacement Multiplier..... <i>1103.99</i>				Tons per Inch Multiplier <i>813.30</i>				Displacement Multiplier..... <i>390.57</i>							
<i>8.928</i>				<i>0.0465</i>				<i>8.928</i>				<i>34.266</i>			
<i>9856</i>				<i>37.82</i>				<i>3487</i>				<i>8.928</i>			
Shell Plating Displacement..... <i>47</i>				Shell Plating..... <i>12</i>				Shell Plating Displacement..... <i>9</i>				<i>306</i>			
Displacement below W.L..... <i>9903</i>				TONS PER INCH <i>37.94</i>				Displacement between W.L. and Base of Turret..... <i>3496</i>				<i>Actions 2-12.</i>			
" between W.L. and Base of Turret..... <i>3496</i>								Percentage of Turret..... <i>1439</i>				<i>6.495 x 16 x 2 x 292.92</i>			
Dispt. below Base of Turret..... <i>13399</i>								Total Displacement above W.L. <i>4935</i>				<i>35</i>			
Percentage of Turret..... <i>1439</i>								Reserve Buoyancy required by Tables..... <i>4778</i>				<i>1740</i>			
Total Displacement..... <i>14838</i>								DIFFERENCE..... <i>157</i>				<i>2046</i>			
Percentage Reserve Buoyancy..... <i>32.20%</i>								Tons per Inch..... <i>37.94</i>				<i>10</i>			
RESERVE BUOYANCY REQUIRED BY TABLES..... <i>4778</i>								Correction of W.L. <i>- 4 1/4</i>				<i>2056</i>			
												<i>% of Turret = 70%</i>			
												<i>1439</i>			

DEPTH, MOULDED *20-4*
 " " + THICKNESS OF IRON DECK *20-4 1/2*
 DRAUGHT (MOULDED) ASSUMED IN CALCULATION *23-6*
 FREEBOARD " " *6-10 1/2*
 CORRECTION OF W.L., AS ABOVE *- 4 1/4*
 TABLE FREEBOARD *6-6 1/2*

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