

No. 342 SUBDIVISION CALCULATION CAPACITY CURVE

SHEET 7

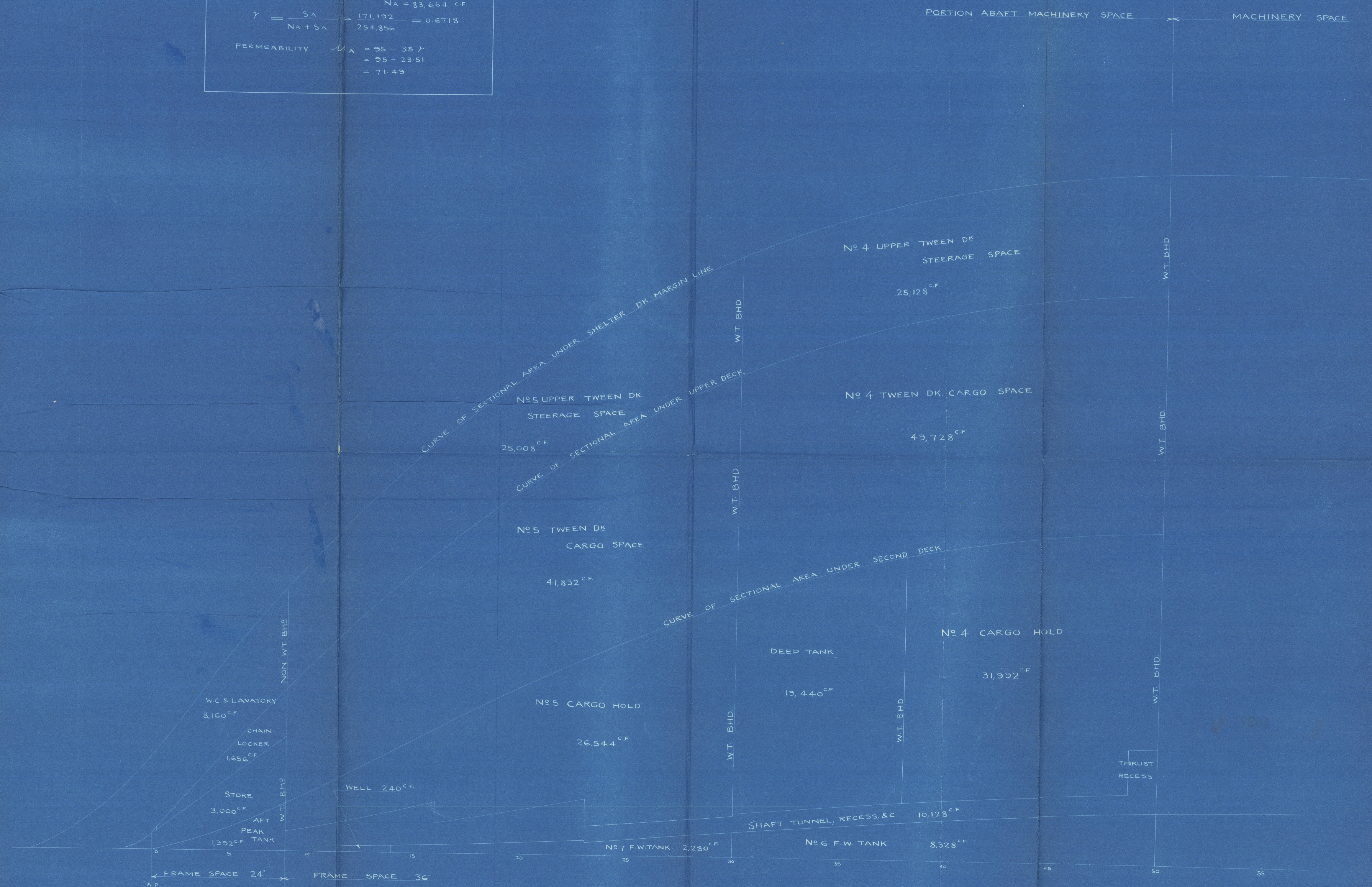
FOR CALCULATION ON AVERAGE PERMEABILITY OF PORTION

ABFT MACHINERY SPACE

H. SCALE $\frac{1}{8}$ " = 1 FOOT.

V. SCALE $\frac{1}{2}$ " = 100 SQ. FT.

| PERMEABILITY CALCULATION | | |
|-----------------------------------|--------------------|--|
| UNIFORM AFTER | AVERAGE PORTION OF | PERMEABILITY OF THE SHIP |
| PLACE OF GO PERCENT | | |
| No. 4 CARGO HOLD | | 31,992 |
| DEEP TANK | | 19,440 |
| No. 5 CARGO HOLD | | 26,544 |
| No. 4 TW. DS. CARGO SPACE | | 49,728 |
| No. 5 | | 41,832 |
| CHAIN LOCKER | | 1,656 |
| SA | | 171,192 |
| PLACE OF DS PERCENT | | |
| STORE (2ND DS AFT) | | 3,000 |
| THRUST RECESS & SHAFT TUNNEL & C. | | 10,128 |
| FRESH WATER TANK (D.B.) | | 8,328 |
| WELL | | 2,280 |
| AFT PEAK TANK | | 240 |
| No. 4 UP. TW. DS. | | 25,128 |
| No. 5 | | 25,008 |
| W.C. & LAVATORY (UPPER DS AFT) | | 8,160 |
| NA | | 83,664 |
| $\gamma = \frac{SA}{NA + SA}$ | | $\frac{171,192}{254,856} = 0.6718$ |
| PERMEABILITY μ_A | | $= 95 - 35\gamma$ $= 95 - 23.51$ $= 71.49$ |



K. S. Kanda
20.6.1921.

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CAL. OF PERMEABILITY

AFT PART.

M.D.F. NO. 801 B

RETAIN



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