

HYDROSTATIC PROPERTIES  
No Trim, No Heel

| Origin | Displacement | Center of Buoyancy |       |      |       |       |        |        |
|--------|--------------|--------------------|-------|------|-------|-------|--------|--------|
| Depth  | Weight (LT)  | LCB                | TCB   | VCB  | WPA   | LCF   | BML    | BMT    |
| 1.000  | 281.39       | 7.65a              | 0.02s | 0.50 | 9966  | 6.89a | 2329.7 | 303.17 |
| 1.083  | 305.13       | 7.59a              | 0.02s | 0.54 | 9979  | 6.78a | 2156.6 | 279.94 |
| 1.167  | 328.90       | 7.52a              | 0.02s | 0.59 | 9991  | 6.68a | 2008.3 | 260.04 |
| 1.250  | 352.70       | 7.46a              | 0.02s | 0.63 | 10003 | 6.58a | 1879.1 | 242.71 |
| 1.333  | 376.52       | 7.41a              | 0.02s | 0.67 | 10012 | 6.50a | 1765.2 | 227.58 |
| 1.417  | 400.36       | 7.35a              | 0.02s | 0.71 | 10021 | 6.43a | 1664.8 | 214.24 |
| 1.500  | 424.23       | 7.30a              | 0.02s | 0.75 | 10030 | 6.35a | 1575.4 | 202.38 |
| 1.583  | 448.12       | 7.24a              | 0.02s | 0.80 | 10040 | 6.27a | 1495.5 | 191.77 |
| 1.667  | 472.03       | 7.19a              | 0.02s | 0.84 | 10049 | 6.20a | 1423.6 | 182.22 |
| 1.750  | 495.96       | 7.14a              | 0.02s | 0.88 | 10058 | 6.12a | 1358.6 | 173.59 |
| 1.833  | 519.92       | 7.09a              | 0.02s | 0.92 | 10067 | 6.04a | 1299.6 | 165.75 |
| 1.917  | 543.89       | 7.05a              | 0.02s | 0.96 | 10076 | 5.97a | 1245.7 | 158.59 |
| 2.000  | 567.89       | 7.00a              | 0.02s | 1.01 | 10085 | 5.89a | 1196.2 | 152.02 |
| 2.083  | 591.91       | 6.95a              | 0.02s | 1.05 | 10094 | 5.82a | 1150.8 | 145.98 |
| 2.167  | 615.95       | 6.91a              | 0.02s | 1.09 | 10103 | 5.74a | 1108.9 | 140.41 |
| 2.250  | 640.01       | 6.86a              | 0.02s | 1.13 | 10112 | 5.67a | 1070.1 | 135.25 |
| 2.333  | 664.09       | 6.82a              | 0.02s | 1.17 | 10122 | 5.59a | 1034.0 | 130.47 |
| 2.417  | 688.20       | 6.77a              | 0.02s | 1.22 | 10131 | 5.51a | 1000.5 | 126.01 |
| 2.500  | 712.32       | 6.73a              | 0.02s | 1.26 | 10140 | 5.44a | 969.2  | 121.85 |
| 2.583  | 736.47       | 6.69a              | 0.02s | 1.30 | 10149 | 5.36a | 939.9  | 117.96 |
| 2.667  | 760.64       | 6.64a              | 0.02s | 1.34 | 10158 | 5.29a | 912.5  | 114.31 |
| 2.750  | 784.83       | 6.60a              | 0.02s | 1.38 | 10167 | 5.21a | 886.8  | 110.89 |
| 2.833  | 809.05       | 6.56a              | 0.02s | 1.43 | 10176 | 5.14a | 862.5  | 107.67 |
| 2.917  | 833.28       | 6.51a              | 0.02s | 1.47 | 10185 | 5.06a | 839.7  | 104.63 |
| 3.000  | 857.54       | 6.47a              | 0.02s | 1.51 | 10194 | 4.99a | 818.1  | 101.76 |
| 3.083  | 881.82       | 6.43a              | 0.02s | 1.55 | 10203 | 4.91a | 797.7  | 99.05  |
| 3.167  | 906.11       | 6.39a              | 0.02s | 1.59 | 10212 | 4.83a | 778.4  | 96.48  |
| 3.250  | 930.43       | 6.35a              | 0.02s | 1.64 | 10221 | 4.76a | 760.1  | 94.04  |
| 3.333  | 954.78       | 6.31a              | 0.02s | 1.68 | 10230 | 4.68a | 742.7  | 91.72  |
| 3.417  | 979.14       | 6.26a              | 0.02s | 1.72 | 10239 | 4.61a | 726.1  | 89.52  |
| 3.500  | 1,003.53     | 6.22a              | 0.02s | 1.76 | 10248 | 4.53a | 710.3  | 87.42  |
| 3.583  | 1,027.93     | 6.18a              | 0.02s | 1.80 | 10257 | 4.46a | 695.3  | 85.42  |
| 3.667  | 1,052.36     | 6.14a              | 0.02s | 1.85 | 10267 | 4.38a | 681.0  | 83.51  |
| 3.750  | 1,076.81     | 6.10a              | 0.02s | 1.89 | 10276 | 4.31a | 667.3  | 81.69  |
| 3.833  | 1,101.29     | 6.06a              | 0.02s | 1.93 | 10285 | 4.23a | 654.2  | 79.94  |
| 3.917  | 1,125.78     | 6.02a              | 0.02s | 1.97 | 10294 | 4.15a | 641.6  | 78.27  |
| 4.000  | 1,150.29     | 5.98a              | 0.02s | 2.01 | 10303 | 4.08a | 629.6  | 76.67  |
| 4.083  | 1,174.83     | 5.94a              | 0.02s | 2.06 | 10312 | 4.00a | 618.1  | 75.14  |
| 4.167  | 1,199.39     | 5.90a              | 0.02s | 2.10 | 10321 | 3.93a | 607.0  | 73.66  |
| 4.250  | 1,223.97     | 5.86a              | 0.02s | 2.14 | 10330 | 3.85a | 596.4  | 72.25  |
| 4.333  | 1,248.57     | 5.82a              | 0.02s | 2.18 | 10339 | 3.78a | 586.2  | 70.89  |
| 4.417  | 1,273.19     | 5.78a              | 0.02s | 2.23 | 10348 | 3.70a | 576.4  | 69.58  |
| 4.500  | 1,297.83     | 5.74a              | 0.02s | 2.27 | 10355 | 3.65a | 566.5  | 68.27  |
| 4.583  | 1,322.50     | 5.70a              | 0.02s | 2.31 | 10365 | 3.56a | 557.6  | 67.07  |
| 4.667  | 1,347.18     | 5.66a              | 0.02s | 2.35 | 10374 | 3.48a | 548.9  | 65.91  |
| 4.750  | 1,371.89     | 5.62a              | 0.02s | 2.40 | 10384 | 3.40a | 540.5  | 64.78  |
| 4.833  | 1,396.62     | 5.58a              | 0.02s | 2.44 | 10393 | 3.33a | 532.3  | 63.70  |
| 4.917  | 1,421.37     | 5.54a              | 0.02s | 2.48 | 10402 | 3.25a | 524.4  | 62.64  |



| Origin    | Displacement     | Center of Buoyancy |          |          |          |          |          |       |
|-----------|------------------|--------------------|----------|----------|----------|----------|----------|-------|
| Depth---- | Weight (LT)----- | LCB-----           | TCB----- | VCB----- | WPA----- | LCF----- | BML----- | BMT   |
| 5.000     | 1,446.14         | 5.50a              | 0.02s    | 2.52     | 10411    | 3.17a    | 516.8    | 61.63 |
| 5.083     | 1,470.94         | 5.46a              | 0.02s    | 2.57     | 10420    | 3.10a    | 509.4    | 60.64 |
| 5.167     | 1,495.75         | 5.42a              | 0.02s    | 2.61     | 10429    | 3.02a    | 502.3    | 59.68 |
| 5.250     | 1,520.59         | 5.38a              | 0.02s    | 2.65     | 10438    | 2.95a    | 495.4    | 58.76 |
| 5.333     | 1,545.45         | 5.34a              | 0.02s    | 2.69     | 10447    | 2.87a    | 488.7    | 57.87 |
| 5.417     | 1,570.33         | 5.30a              | 0.02s    | 2.74     | 10457    | 2.80a    | 482.2    | 57.00 |
| 5.500     | 1,595.24         | 5.26a              | 0.02s    | 2.78     | 10466    | 2.72a    | 475.9    | 56.16 |
| 5.583     | 1,620.16         | 5.22a              | 0.02s    | 2.82     | 10475    | 2.65a    | 469.8    | 55.34 |
| 5.667     | 1,645.11         | 5.18a              | 0.02s    | 2.86     | 10484    | 2.57a    | 463.8    | 54.55 |
| 5.750     | 1,670.07         | 5.14a              | 0.02s    | 2.91     | 10493    | 2.49a    | 458.1    | 53.78 |
| 5.833     | 1,695.06         | 5.10a              | 0.02s    | 2.95     | 10502    | 2.42a    | 452.5    | 53.03 |
| 5.917     | 1,720.07         | 5.06a              | 0.02s    | 2.99     | 10511    | 2.34a    | 447.1    | 52.31 |
| 6.000     | 1,745.10         | 5.02a              | 0.02s    | 3.03     | 10520    | 2.27a    | 441.8    | 51.60 |
| 6.083     | 1,770.16         | 4.98a              | 0.02s    | 3.08     | 10529    | 2.19a    | 436.7    | 50.91 |
| 6.167     | 1,795.23         | 4.94a              | 0.02s    | 3.12     | 10538    | 2.12a    | 431.7    | 50.25 |
| 6.250     | 1,820.33         | 4.90a              | 0.02s    | 3.16     | 10547    | 2.04a    | 426.8    | 49.60 |
| 6.333     | 1,845.45         | 4.86a              | 0.02s    | 3.20     | 10556    | 1.97a    | 422.1    | 48.96 |
| 6.417     | 1,870.59         | 4.82a              | 0.02s    | 3.25     | 10565    | 1.89a    | 417.5    | 48.35 |
| 6.500     | 1,895.75         | 4.79a              | 0.02s    | 3.29     | 10574    | 1.81a    | 413.0    | 47.74 |
| 6.583     | 1,920.93         | 4.75a              | 0.02s    | 3.33     | 10583    | 1.74a    | 408.7    | 47.16 |
| 6.667     | 1,946.14         | 4.71a              | 0.02s    | 3.37     | 10592    | 1.66a    | 404.4    | 46.59 |
| 6.750     | 1,971.36         | 4.67a              | 0.02s    | 3.42     | 10601    | 1.59a    | 400.3    | 46.03 |
| 6.833     | 1,996.61         | 4.63a              | 0.02s    | 3.46     | 10610    | 1.51a    | 396.2    | 45.49 |
| 6.917     | 2,021.88         | 4.59a              | 0.02s    | 3.50     | 10620    | 1.44a    | 392.3    | 44.96 |
| 7.000     | 2,047.17         | 4.55a              | 0.02s    | 3.55     | 10629    | 1.36a    | 388.4    | 44.44 |
| 7.083     | 2,072.48         | 4.51a              | 0.02s    | 3.59     | 10638    | 1.29a    | 384.7    | 43.94 |
| 7.167     | 2,097.82         | 4.47a              | 0.02s    | 3.63     | 10647    | 1.21a    | 381.0    | 43.44 |
| 7.250     | 2,123.17         | 4.43a              | 0.02s    | 3.67     | 10656    | 1.14a    | 377.4    | 42.96 |
| 7.333     | 2,148.55         | 4.39a              | 0.02s    | 3.72     | 10665    | 1.06a    | 373.9    | 42.49 |
| 7.417     | 2,173.95         | 4.35a              | 0.02s    | 3.76     | 10674    | 0.98a    | 370.5    | 42.03 |
| 7.500     | 2,199.37         | 4.31a              | 0.02s    | 3.80     | 10683    | 0.91a    | 367.1    | 41.58 |
| 7.583     | 2,224.81         | 4.27a              | 0.02s    | 3.84     | 10692    | 0.83a    | 363.8    | 41.14 |
| 7.667     | 2,250.28         | 4.23a              | 0.02s    | 3.89     | 10701    | 0.76a    | 360.6    | 40.71 |
| 7.750     | 2,275.76         | 4.19a              | 0.02s    | 3.93     | 10708    | 0.70a    | 357.3    | 40.26 |
| 7.833     | 2,301.26         | 4.16a              | 0.02s    | 3.97     | 10718    | 0.61a    | 354.4    | 39.86 |
| 7.917     | 2,326.79         | 4.12a              | 0.02s    | 4.01     | 10728    | 0.53a    | 351.4    | 39.46 |
| 8.000     | 2,352.33         | 4.08a              | 0.02s    | 4.06     | 10737    | 0.46a    | 348.5    | 39.07 |
| 8.083     | 2,377.91         | 4.04a              | 0.02s    | 4.10     | 10746    | 0.38a    | 345.6    | 38.68 |
| 8.167     | 2,403.50         | 4.00a              | 0.02s    | 4.14     | 10756    | 0.30a    | 342.8    | 38.31 |
| 8.250     | 2,429.11         | 3.96a              | 0.02s    | 4.19     | 10765    | 0.23a    | 340.1    | 37.94 |
| 8.333     | 2,454.75         | 3.92a              | 0.02s    | 4.23     | 10773    | 0.15a    | 337.3    | 37.57 |
| 8.417     | 2,480.41         | 3.88a              | 0.02s    | 4.27     | 10782    | 0.08a    | 334.7    | 37.21 |
| 8.500     | 2,506.08         | 3.84a              | 0.02s    | 4.32     | 10778    | 0.11a    | 330.9    | 36.79 |
| 8.583     | 2,531.77         | 3.80a              | 0.02s    | 4.36     | 10791    | 0.01a    | 328.7    | 36.48 |
| 8.667     | 2,557.46         | 3.76a              | 0.02s    | 4.40     | 10791    | 0.01a    | 325.4    | 36.11 |
| 8.750     | 2,583.15         | 3.73a              | 0.02s    | 4.44     | 10791    | 0.01a    | 322.1    | 35.75 |
| 8.833     | 2,608.84         | 3.69a              | 0.02s    | 4.49     | 10791    | 0.01a    | 319.0    | 35.40 |
| 8.917     | 2,634.52         | 3.65a              | 0.02s    | 4.53     | 10791    | 0.01a    | 315.9    | 35.05 |
| 9.000     | 2,660.21         | 3.62a              | 0.02s    | 4.57     | 10791    | 0.01a    | 312.8    | 34.72 |
| 9.083     | 2,685.90         | 3.58a              | 0.02s    | 4.62     | 10791    | 0.01a    | 309.8    | 34.38 |



| Origin    | Displacement    | Center of Buoyancy |          |          |          |          |          |          |
|-----------|-----------------|--------------------|----------|----------|----------|----------|----------|----------|
| Depth---- | Weight (LT)---- | LCB-----           | TCB----- | VCB----- | WPA----- | LCF----- | BML----- | BMT----- |
| 9.167     | 2,711.59        | 3.55a              | 0.02s    | 4.66     | 10791    | 0.01a    | 306.9    | 34.06    |
| 9.250     | 2,737.27        | 3.52a              | 0.02s    | 4.70     | 10791    | 0.01a    | 304.0    | 33.74    |
| 9.333     | 2,762.96        | 3.48a              | 0.02s    | 4.74     | 10791    | 0.01a    | 301.2    | 33.43    |
| 9.417     | 2,788.65        | 3.45a              | 0.02s    | 4.79     | 10791    | 0.01a    | 298.4    | 33.12    |
| 9.500     | 2,814.34        | 3.42a              | 0.02s    | 4.83     | 10791    | 0.01a    | 295.7    | 32.82    |
| 9.583     | 2,840.03        | 3.39a              | 0.02s    | 4.87     | 10791    | 0.01a    | 293.0    | 32.52    |
| 9.667     | 2,865.71        | 3.36a              | 0.02s    | 4.91     | 10791    | 0.01a    | 290.4    | 32.23    |
| 9.750     | 2,891.40        | 3.33a              | 0.02s    | 4.96     | 10791    | 0.01a    | 287.8    | 31.94    |
| 9.833     | 2,917.09        | 3.30a              | 0.02s    | 5.00     | 10791    | 0.01a    | 285.3    | 31.66    |
| 9.917     | 2,942.78        | 3.27a              | 0.02s    | 5.04     | 10791    | 0.01a    | 282.8    | 31.38    |
| 10.000    | 2,968.46        | 3.24a              | 0.02s    | 5.09     | 10791    | 0.01a    | 280.3    | 31.11    |

Distances in FEET.-----Specific Gravity = 1.025.-----

