

MAGNOLIA MARINE - BARGE "MM 48"

OUTAGE TABLE

1 PORT or STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL 4046

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		FEET		
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.
0		0	3447.27	0	3176.77	0	2869.91	0	2563.04	0	2256.18	0	1949.31	0	1642.45	0	1335.59	0	1028.72	0	721.86	0	427.55	0	176.45	0		
1/4		1/4	3444.47	1/4	3170.38	1/4	2863.51	1/4	2556.65	1/4	2249.79	1/4	1942.92	1/4	1636.06	1/4	1329.19	1/4	1022.33	1/4	715.47	1/4	421.75	1/4	171.59	1/4		
1/2		1/2	3441.68	1/2	3163.98	1/2	2857.12	1/2	2550.26	1/2	2243.39	1/2	1936.53	1/2	1629.66	1/2	1322.80	1/2	1015.94	1/2	709.07	1/2	416.19	1/2	166.96	1/2		
3/4		3/4	3438.88	3/4	3157.59	3/4	2850.73	3/4	2543.86	3/4	2237.00	3/4	1930.14	3/4	1623.27	3/4	1316.41	3/4	1009.54	3/4	702.68	3/4	410.63	3/4	162.34	3/4		
1		1	3435.28	1	3151.20	1	2844.33	1	2537.47	1	2230.61	1	1923.74	1	1616.88	1	1310.01	1	1003.15	1	696.29	1	405.06	1	157.71	1		
1/4		1/4	3431.69	1/4	3144.81	1/4	2837.94	1/4	2531.08	1/4	2224.21	1/4	1917.35	1/4	1610.49	1/4	1303.62	1/4	996.76	1/4	689.89	1/4	399.50	1/4	153.08	1/4		
1/2		1/2	3428.09	1/2	3138.41	1/2	2831.55	1/2	2524.68	1/2	2217.82	1/2	1910.96	1/2	1604.09	1/2	1297.23	1/2	990.36	1/2	683.51	1/2	393.94	1/2	148.45	1/2		
3/4		3/4	3424.50	3/4	3132.02	3/4	2825.16	3/4	2518.29	3/4	2211.43	3/4	1904.56	3/4	1597.70	3/4	1290.84	3/4	983.97	3/4	677.13	3/4	388.38	3/4	143.83	3/4		
2		2	3420.10	2	3125.63	2	2818.76	2	2511.90	2	2205.03	2	1898.17	2	1591.31	2	1284.44	2	977.58	2	670.75	2	382.81	2	139.20	2		
1/4		1/4	3415.71	1/4	3119.23	1/4	2812.37	1/4	2505.51	1/4	2198.64	1/4	1891.78	1/4	1584.91	1/4	1278.05	1/4	971.19	1/4	664.37	1/4	377.25	1/4	134.57	1/4		
1/2		1/2	3411.31	1/2	3112.84	1/2	2805.98	1/2	2499.11	1/2	2192.25	1/2	1885.38	1/2	1578.52	1/2	1271.66	1/2	964.79	1/2	657.99	1/2	371.69	1/2	129.95	1/2		
3/4		3/4	3406.92	3/4	3106.45	3/4	2799.58	3/4	2492.72	3/4	2185.86	3/4	1878.99	3/4	1572.13	3/4	1265.26	3/4	958.40	3/4	651.61	3/4	366.12	3/4	125.32	3/4		
3		3	3401.72	3	3100.05	3	2793.19	3	2486.33	3	2179.46	3	1872.60	3	1565.73	3	1258.87	3	952.01	3	645.23	3	360.56	3	120.69	3		
1/4		1/4	3396.53	1/4	3093.66	1/4	2786.80	1/4	2479.93	1/4	2173.07	1/4	1866.21	1/4	1559.34	1/4	1252.48	1/4	945.61	1/4	638.85	1/4	355.00	1/4	116.07	1/4		
1/2		1/2	3391.33	1/2	3087.27	1/2	2780.40	1/2	2473.54	1/2	2166.68	1/2	1859.81	1/2	1552.95	1/2	1246.08	1/2	939.22	1/2	632.58	1/2	349.67	1/2	111.67	1/2		
3/4		3/4	3386.14	3/4	3080.88	3/4	2774.01	3/4	2467.15	3/4	2160.28	3/4	1853.42	3/4	1546.56	3/4	1239.69	3/4	932.83	3/4	626.32	3/4	344.34	3/4	107.28	3/4		
4		4	3380.15	4	3074.48	4	2767.62	4	2460.75	4	2153.89	4	1847.03	4	1540.16	4	1233.30	4	926.43	4	620.05	4	339.01	4	102.89	4		
1/4		1/4	3374.15	1/4	3068.09	1/4	2761.23	1/4	2454.36	1/4	2147.50	1/4	1840.63	1/4	1533.77	1/4	1226.91	1/4	920.04	1/4	613.79	1/4	333.68	1/4	98.49	1/4		
1/2		1/2	3368.16	1/2	3061.70	1/2	2754.83	1/2	2447.97	1/2	2141.10	1/2	1834.24	1/2	1527.38	1/2	1220.51	1/2	913.65	1/2	607.53	1/2	328.35	1/2	94.10	1/2		
3/4		3/4	3362.17	3/4	3055.30	3/4	2748.44	3/4	2441.58	3/4	2134.71	3/4	1827.85	3/4	1520.98	3/4	1214.12	3/4	907.26	3/4	601.26	3/4	323.02	3/4	89.71	3/4		
5		5	3355.77	5	3048.91	5	2742.05	5	2435.18	5	2128.32	5	1821.45	5	1514.59	5	1207.73	5	900.86	5	595.00	5	317.69	5	85.31	5		
1/4		1/4	3349.38	1/4	3042.52	1/4	2735.65	1/4	2428.79	1/4	2121.93	1/4	1815.06	1/4	1508.20	1/4	1201.33	1/4	894.47	1/4	588.73	1/4	312.37	1/4	80.92	1/4		
1/2		1/2	3342.99	1/2	3036.12	1/2	2729.26	1/2	2422.40	1/2	2115.53	1/2	1808.67	1/2	1501.80	1/2	1194.94	1/2	888.08	1/2	582.47	1/2	307.04	1/2	76.53	1/2		
3/4		3/4	3336.60	3/4	3029.73	3/4	2722.87	3/4	2416.00	3/4	2109.14	3/4	1802.28	3/4	1495.41	3/4	1188.55	3/4	881.68	3/4	576.21	3/4	301.71	3/4	72.14	3/4		
6		6	3330.20	6	3023.34	6	2716.47	6	2409.61	6	2102.75	6	1795.88	6	1489.02	6	1182.15	6	875.29	6	569.94	6	296.38	6	67.74	6		
1/4		1/4	3323.81	1/4	3016.95	1/4	2710.08	1/4	2403.22	1/4	2096.35	1/4	1789.49	1/4	1482.63	1/4	1175.76	1/4	868.90	1/4	563.68	1/4	291.05	1/4	63.35	1/4		
1/2		1/2	3317.42	1/2	3010.55	1/2	2703.69	1/2	2396.82	1/2	2089.96	1/2	1783.10	1/2	1476.23	1/2	1169.37	1/2	862.50	1/2	557.65	1/2	285.96	1/2	59.19	1/2		
3/4		3/4	3311.02	3/4	3004.16	3/4	2697.30	3/4	2390.43	3/4	2083.57	3/4	1776.70	3/4	1469.84	3/4	1162.98	3/4	856.11	3/4	551.62	3/4	280.86	3/4	55.03	3/4		
7		7	3304.63	7	2997.77	7	2690.90	7	2384.04	7	2077.17	7	1770.31	7	1463.45	7	1156.58	7	849.72	7	545.59	7	275.77	7	50.87	7		
1/4		1/4	3298.24	1/4	2991.37	1/4	2684.51	1/4	2377.65	1/4	2070.78	1/4	1763.92	1/4	1457.05	1/4	1150.19	1/4	843.33	1/4	539.56	1/4	270.67	1/4	46.71	1/4		
1/2		1/2	3291.84	1/2	2984.98	1/2	2678.12	1/2	2371.25	1/2	2064.39	1/2	1757.52	1/2	1450.66	1/2	1143.80	1/2	836.93	1/2	533.53	1/2	265.58	1/2	42.89	1/2		
3/4		3/4	3285.45	3/4	2978.59	3/4	2671.72	3/4	2364.86	3/4	2058.00	3/4	1751.13	3/4	1444.27	3/4	1137.40	3/4	830.54	3/4	527.50	3/4	260.49	3/4	39.08	3/4		
8		8	3279.06	8	2972.19	8	2665.33	8	2358.47	8	2051.60	8	1744.74	8	1437.87	8	1131.01	8	824.15	8	521.47	8	255.39	8	35.26	8		
1/4		1/4	3272.67	1/4	2965.80	1/4	2658.94	1/4	2352.07	1/4	2045.21	1/4	1738.35	1/4	1431.48	1/4	1124.62	1/4	817.75	1/4	515.44	1/4	250.30	1/4	31.44	1/4		
1/2		1/2	3266.27	1/2	2959.41	1/2	2652.54	1/2	2345.68	1/2	2038.82	1/2	1731.95	1/2	1425.09	1/2	1118.22	1/2	811.36	1/2	509.41	1/2	245.20	1/2	28.30	1/2		
3/4	3464.44	3/4	3259.88	3/4	2953.02	3/4	2646.15	3/4	2339.29	3/4	2032.42	3/4	1725.56	3/4	1418.70	3/4	1111.83	3/4	804.97	3/4	503.38	3/4	240.11	3/4	25.16	3/4		
9	3464.04	9	3253.49	9	2946.62	9	2639.76	9	2332.89	9	2026.03	9	1719.17	9	1412.30	9	1105.44	9	798.57	9	497.35	9	235.02	9	22.02	9		
1/4	3463.64	1/4	3247.09	1/4	2940.23	1/4	2633.37	1/4	2326.50	1/4	2019.64	1/4	1712.77	1/4	1405.91	1/4	1099.05	1/4	792.18	1/4	491.32	1/4	229.92	1/4	18.87	1/4		
1/2	3463.24	1/2	3240.70	1/2	2933.84																							

MAGNOLIA MARINE - BARGE "MM 48"

OUTAGE TABLE

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

2 PORT

HULL 4046

0 FEET	1 FEET	2 FEET	3 FEET	4 FEET	5 FEET	6 FEET	7 FEET	8 FEET	9 FEET	10 FEET	11 FEET	12 FEET	FEET	
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	
0	0 3371.29	0 3113.44	0 2824.77	0 2536.09	0 2247.42	0 1958.75	0 1670.08	0 1381.65	0 1093.21	0 804.54	0 515.87	0 227.20	0	
1/4	1/4 3368.66	1/4 3107.42	1/4 2818.75	1/4 2530.08	1/4 2241.41	1/4 1952.74	1/4 1664.06	1/4 1375.64	1/4 1087.20	1/4 798.53	1/4 509.86	1/4 221.18	1/4	
1/2	1/2 3366.03	1/2 3101.41	1/2 2812.74	1/2 2524.07	1/2 2235.39	1/2 1946.72	1/2 1658.05	1/2 1369.64	1/2 1081.19	1/2 792.51	1/2 503.84	1/2 215.17	1/2	
3/4	3/4 3362.65	3/4 3095.40	3/4 2806.72	3/4 2518.05	3/4 2229.38	3/4 1940.71	3/4 1652.04	3/4 1363.63	3/4 1075.17	3/4 786.50	3/4 497.83	3/4 209.16	3/4	
1	1 3359.26	1 3089.38	1 2800.71	1 2512.04	1 2223.37	1 1934.69	1 1646.02	1 1357.63	1 1069.16	1 780.49	1 491.81	1 203.14	1	
1/4	1/4 3355.88	1/4 3083.37	1/4 2794.70	1/4 2506.02	1/4 2217.35	1/4 1928.68	1/4 1640.01	1/4 1351.63	1/4 1063.14	1/4 774.47	1/4 485.80	1/4 197.19	1/4	
1/2	1/2 3352.50	1/2 3077.35	1/2 2788.68	1/2 2500.01	1/2 2211.34	1/2 1922.67	1/2 1633.99	1/2 1345.62	1/2 1057.13	1/2 768.46	1/2 479.79	1/2 191.24	1/2	
3/4	3/4 3348.36	3/4 3071.34	3/4 2782.67	3/4 2494.00	3/4 2205.32	3/4 1916.65	3/4 1627.98	3/4 1339.62	3/4 1051.12	3/4 762.44	3/4 473.77	3/4 185.29	3/4	
2	2 3344.23	2 3065.33	2 2776.65	2 2487.98	2 2199.31	2 1910.64	2 1621.97	2 1333.61	2 1045.10	2 756.43	2 467.76	2 179.34	2	
1/4	1/4 3340.09	1/4 3059.31	1/4 2770.64	1/4 2481.97	1/4 2193.30	1/4 1904.62	1/4 1615.95	1/4 1327.61	1/4 1039.09	1/4 750.42	1/4 461.74	1/4 173.39	1/4	
1/2	1/2 3335.96	1/2 3053.30	1/2 2764.63	1/2 2475.95	1/2 2187.28	1/2 1898.61	1/2 1609.94	1/2 1321.61	1/2 1033.07	1/2 744.40	1/2 455.73	1/2 167.44	1/2	
3/4	3/4 3331.07	3/4 3047.28	3/4 2758.61	3/4 2469.94	3/4 2181.27	3/4 1892.60	3/4 1603.92	3/4 1315.60	3/4 1027.06	3/4 738.39	3/4 449.72	3/4 161.48	3/4	
3	3 3326.19	3 3041.27	3 2752.60	3 2463.93	3 2175.25	3 1886.58	3 1597.91	3 1309.60	3 1021.05	3 732.37	3 443.70	3 155.53	3	
1/4	1/4 3321.30	1/4 3035.26	1/4 2746.58	1/4 2457.91	1/4 2169.24	1/4 1880.57	1/4 1591.90	1/4 1303.59	1/4 1015.03	1/4 726.36	1/4 437.69	1/4 149.58	1/4	
1/2	1/2 3316.41	1/2 3029.24	1/2 2740.57	1/2 2451.90	1/2 2163.23	1/2 1874.55	1/2 1585.88	1/2 1297.59	1/2 1009.02	1/2 720.35	1/2 431.67	1/2 143.63	1/2	
3/4	3/4 3310.77	3/4 3023.23	3/4 2734.56	3/4 2445.88	3/4 2157.21	3/4 1868.54	3/4 1579.87	3/4 1291.59	3/4 1003.00	3/4 714.33	3/4 425.66	3/4 137.68	3/4	
4	4 3305.14	4 3017.21	4 2728.54	4 2439.87	4 2151.20	4 1862.53	4 1573.85	4 1285.58	4 996.99	4 708.32	4 419.65	4 131.73	4	
1/4	1/4 3299.50	1/4 3011.20	1/4 2722.53	1/4 2433.86	1/4 2145.18	1/4 1856.51	1/4 1567.84	1/4 1279.58	1/4 990.98	1/4 702.30	1/4 413.63	1/4 125.78	1/4	
1/2	1/2 3293.86	1/2 3005.19	1/2 2716.51	1/2 2427.84	1/2 2139.17	1/2 1850.50	1/2 1561.83	1/2 1273.57	1/2 984.96	1/2 696.29	1/2 407.62	1/2 119.83	1/2	
3/4	3/4 3287.84	3/4 2999.17	3/4 2710.50	3/4 2421.83	3/4 2133.16	3/4 1844.48	3/4 1555.81	3/4 1267.57	3/4 978.95	3/4 690.28	3/4 401.60	3/4 113.88	3/4	
5	5 3281.83	5 2993.16	5 2704.49	5 2415.81	5 2127.14	5 1838.47	5 1549.80	5 1261.57	5 972.93	5 684.26	5 395.59	5 107.93	5	
1/4	1/4 3275.82	1/4 2987.14	1/4 2698.47	1/4 2409.80	1/4 2121.13	1/4 1832.46	1/4 1543.78	1/4 1255.56	1/4 966.92	1/4 678.25	1/4 389.58	1/4 101.97	1/4	
1/2	1/2 3269.80	1/2 2981.13	1/2 2692.46	1/2 2403.79	1/2 2115.11	1/2 1826.44	1/2 1537.77	1/2 1249.56	1/2 960.91	1/2 672.23	1/2 383.56	1/2 96.02	1/2	
3/4	3/4 3263.79	3/4 2975.12	3/4 2686.44	3/4 2397.77	3/4 2109.10	3/4 1820.43	3/4 1531.76	3/4 1243.55	3/4 954.89	3/4 666.22	3/4 377.55	3/4 90.07	3/4	
6	6 3257.77	6 2969.10	6 2680.43	6 2391.76	6 2103.09	6 1814.41	6 1525.74	6 1237.55	6 948.88	6 660.21	6 371.53	6 84.12	6	
1/4	1/4 3251.76	1/4 2963.09	1/4 2674.42	1/4 2385.74	1/4 2097.07	1/4 1808.40	1/4 1519.74	1/4 1231.54	1/4 942.86	1/4 654.19	1/4 365.52	1/4 78.17	1/4	
1/2	1/2 3245.75	1/2 2957.07	1/2 2668.40	1/2 2379.73	1/2 2091.06	1/2 1802.39	1/2 1513.73	1/2 1225.52	1/2 936.85	1/2 648.18	1/2 359.51	1/2 72.22	1/2	
3/4	3/4 3239.73	3/4 2951.06	3/4 2662.39	3/4 2373.72	3/4 2085.04	3/4 1796.37	3/4 1507.73	3/4 1219.51	3/4 930.84	3/4 642.16	3/4 353.49	3/4 66.27	3/4	
7	7 3233.72	7 2945.05	7 2656.37	7 2367.70	7 2079.03	7 1790.36	7 1501.73	7 1213.49	7 924.82	7 636.15	7 347.48	7 60.32	7	
1/4	1/4 3227.70	1/4 2939.03	1/4 2650.36	1/4 2361.69	1/4 2073.02	1/4 1784.34	1/4 1495.72	1/4 1207.48	1/4 918.81	1/4 630.14	1/4 341.46	1/4 54.97	1/4	
1/2	1/2 3221.69	1/2 2933.02	1/2 2644.35	1/2 2355.67	1/2 2067.00	1/2 1778.33	1/2 1489.72	1/2 1201.47	1/2 912.79	1/2 624.12	1/2 335.45	1/2 49.62	1/2	
3/4	3/4 3215.68	3/4 2927.00	3/4 2638.33	3/4 2349.66	3/4 2060.99	3/4 1772.32	3/4 1483.71	3/4 1195.45	3/4 906.78	3/4 618.11	3/4 329.44	3/4 44.27	3/4	
8	8 3209.66	8 2920.99	8 2632.32	8 2343.65	8 2054.97	8 1766.30	8 1477.71	8 1189.44	8 900.77	8 612.09	8 323.42	8 38.92	8	
1/4	1/4 3203.65	1/4 2914.98	1/4 2626.30	1/4 2337.63	1/4 2048.96	1/4 1760.29	1/4 1471.71	1/4 1183.42	1/4 894.75	1/4 606.08	1/4 317.41	1/4 34.71	1/4	
1/2	3390.09	1/2 3197.63	1/2 2908.96	1/2 2620.29	1/2 2331.62	1/2 2042.95	1/2 1754.27	1/2 1465.70	1/2 1177.41	1/2 888.74	1/2 600.07	1/2 311.39	1/2 30.50	1/2
3/4	3389.71	3/4 3191.62	3/4 2902.95	3/4 2614.28	3/4 2325.60	3/4 2036.93	3/4 1748.26	3/4 1459.70	3/4 1171.40	3/4 882.72	3/4 594.05	3/4 305.38	3/4 26.29	3/4
9	9 3389.34	9 3185.61	9 2896.93	9 2608.26	9 2319.59	9 2030.92	9 1742.25	9 1453.69	9 1165.38	9 876.71	9 588.04	9 299.37	9 22.08	9
1/4	3388.96	1/4 3179.59	1/4 2890.92	1/4 2602.25	1/4 2313.58	1/4 2024.90	1/4 1736.23	1/4 1447.69	1/4 1159.37	1/4 870.70	1/4 582.02	1/4 293.35	1/4 19.07	1/4
1/2	3388.59	1/2 3173.58	1/2 2884.91	1/2 2596.23	1/2 2307.56	1/2 2018.89	1/2 1730.22	1/2 1441.69	1/2 1153.35	1/2 864.68	1/2 576.01	1/2 287.34	1/2 16.07	1/2
3/4	3387.46	3/4 3167.56	3/4 2878.89	3/4 2590.22	3/4 2301.55	3/4 2012.88	3/4 1724.20	3/4 1435.68	3/4 1147.34	3/4 858.67	3/4 570.00	3/4 281.32	3/4 13.06	3/4
10	10 3386.33	10 3161.55	10 2872.88	10 2584.21	10 2295.53	10 2006.86	10 1718.19	10 1429.68	10 1141.33	10 852.65	10 563.98	10 275.31	10 10.05	10
1/4	3385.20	1/4 3155.54	1/4 2866.86	1/4 2578.19	1/4 2289.52	1/4 2000.85	1/4 1712.18	1/4 1423.67	1/4 1135.31	1/4 846.64	1/4 557.97	1/4 269.30	1/4 *8.25	1/4
1/2	3384.07	1/2 3149.52	1/2 2860.85	1/2 2572.18	1/2 2283.51	1/2 1994.83	1/2 1706.16	1/2 1417.67	1/2 1129.30	1/2 840.63	1/2 551.95	1/2 263.28	1/2	1/2
3/4	3382.19	3/4 3143.51	3/4 2854.84	3/4 2566.16	3/4 2277.49	3/4 1988.82	3/4 1700.15	3/4 1411.67	3/4 1123.28	3/4 834.61	3/4 545.94	3/4 257.27	3/4	3/4
11	11 3380.32	11 3137.49	11 2848.82	11 2560.15	11 2271.48	11 1982.81	11 1694.13	11 1405.66	11 1117.27	11 828.60	11 539.93	11 251.25	11	11
1/4	3378.44	1/4 3131.48	1/4 2842.81	1/4 2554.14	1/4 2265.46	1/4 1976.79	1/4 1688.12	1/4 1399.66	1/4 1111.26	1/4 822.58	1/4 533.91	1/4 245.24	1/4	1/4
1/2	3376.56	1/2 3125.47	1/2 2836.79	1/2 2548.12	1/2 2259.45	1/2 1970.78	1/2 1682.11	1/2 1393.65	1/2 1105.24	1/2 816.57	1/2 527.90	1/2 239.23	1/2	1/2
3/4	3373.93	3/4 3119.45	3/4 2830.78	3/4 2542.11	3/4 2253.44	3/4 1964.76	3/4 1676.09	3/4 1387.65	3/4 1099.23	3/4 810.56	3/4 521.88	3/4 233.21	3/4	3/4

CAPACITY IN: 42-GALLON BARRELS

GAUGE HEIGHT: 12'-10 1/4" (RIM OF HATCH OPPOSITE HINGE LOCATED NEAR CENTER OF TANK)

*CAPACITY BELOW STRIKE POINT

STRAPPED 11/5/92

MAGNOLIA MARINE - BARGE "MM 48"

OUTAGE TABLE

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

2 STAR

HULL 4046

0 FEET	1 FEET	2 FEET	3 FEET	4 FEET	5 FEET	6 FEET	7 FEET	8 FEET	9 FEET	10 FEET	11 FEET	12 FEET	FEET	
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	
0	0 3371.29	0 3113.44	0 2824.77	0 2536.09	0 2247.42	0 1958.75	0 1670.08	0 1381.65	0 1093.21	0 804.54	0 515.87	0 227.20	0	
1/4	1/4 3368.66	1/4 3107.42	1/4 2818.75	1/4 2530.08	1/4 2241.41	1/4 1952.74	1/4 1664.06	1/4 1375.64	1/4 1087.20	1/4 798.53	1/4 509.86	1/4 221.18	1/4	
1/2	1/2 3366.03	1/2 3101.41	1/2 2812.74	1/2 2524.07	1/2 2235.39	1/2 1946.72	1/2 1658.05	1/2 1369.64	1/2 1081.19	1/2 792.51	1/2 503.84	1/2 215.17	1/2	
3/4	3/4 3362.65	3/4 3095.40	3/4 2806.72	3/4 2518.05	3/4 2229.38	3/4 1940.71	3/4 1652.04	3/4 1363.63	3/4 1075.17	3/4 786.50	3/4 497.83	3/4 209.16	3/4	
1	1 3359.26	1 3089.38	1 2800.71	1 2512.04	1 2223.37	1 1934.69	1 1646.02	1 1357.63	1 1069.16	1 780.49	1 491.81	1 203.14	1	
1/4	1/4 3355.88	1/4 3083.37	1/4 2794.70	1/4 2506.02	1/4 2217.35	1/4 1928.68	1/4 1640.01	1/4 1351.63	1/4 1063.14	1/4 774.47	1/4 485.80	1/4 197.19	1/4	
1/2	1/2 3352.50	1/2 3077.35	1/2 2788.68	1/2 2500.01	1/2 2211.34	1/2 1922.67	1/2 1633.99	1/2 1345.62	1/2 1057.13	1/2 768.46	1/2 479.79	1/2 191.24	1/2	
3/4	3/4 3348.36	3/4 3071.34	3/4 2782.67	3/4 2494.00	3/4 2205.32	3/4 1916.65	3/4 1627.98	3/4 1339.62	3/4 1051.12	3/4 762.44	3/4 473.77	3/4 185.29	3/4	
2	2 3344.23	2 3065.33	2 2776.65	2 2487.98	2 2199.31	2 1910.64	2 1621.97	2 1333.61	2 1045.10	2 756.43	2 467.76	2 179.34	2	
1/4	1/4 3340.09	1/4 3059.31	1/4 2770.64	1/4 2481.97	1/4 2193.30	1/4 1904.62	1/4 1615.95	1/4 1327.61	1/4 1039.09	1/4 750.42	1/4 461.74	1/4 173.39	1/4	
1/2	1/2 3335.96	1/2 3053.30	1/2 2764.63	1/2 2475.95	1/2 2187.28	1/2 1898.61	1/2 1609.94	1/2 1321.61	1/2 1033.07	1/2 744.40	1/2 455.73	1/2 167.44	1/2	
3/4	3/4 3331.07	3/4 3047.28	3/4 2758.61	3/4 2469.94	3/4 2181.27	3/4 1892.60	3/4 1603.92	3/4 1315.60	3/4 1027.06	3/4 738.39	3/4 449.72	3/4 161.48	3/4	
3	3 3326.19	3 3041.27	3 2752.60	3 2463.93	3 2175.25	3 1886.58	3 1597.91	3 1309.60	3 1021.05	3 732.37	3 443.70	3 155.53	3	
1/4	1/4 3321.30	1/4 3035.26	1/4 2746.58	1/4 2457.91	1/4 2169.24	1/4 1880.57	1/4 1591.90	1/4 1303.59	1/4 1015.03	1/4 726.36	1/4 437.69	1/4 149.58	1/4	
1/2	1/2 3316.41	1/2 3029.24	1/2 2740.57	1/2 2451.90	1/2 2163.23	1/2 1874.55	1/2 1585.88	1/2 1297.59	1/2 1009.02	1/2 720.35	1/2 431.67	1/2 143.63	1/2	
3/4	3/4 3310.77	3/4 3023.23	3/4 2734.56	3/4 2445.88	3/4 2157.21	3/4 1868.54	3/4 1579.87	3/4 1291.59	3/4 1003.00	3/4 714.33	3/4 425.66	3/4 137.68	3/4	
4	4 3305.14	4 3017.21	4 2728.54	4 2439.87	4 2151.20	4 1862.53	4 1573.85	4 1285.58	4 996.99	4 708.32	4 419.65	4 131.73	4	
1/4	1/4 3299.50	1/4 3011.20	1/4 2722.53	1/4 2433.86	1/4 2145.18	1/4 1856.51	1/4 1567.84	1/4 1279.58	1/4 990.98	1/4 702.30	1/4 413.63	1/4 125.78	1/4	
1/2	1/2 3293.86	1/2 3005.19	1/2 2716.51	1/2 2427.84	1/2 2139.17	1/2 1850.50	1/2 1561.83	1/2 1273.57	1/2 984.96	1/2 696.29	1/2 407.62	1/2 119.83	1/2	
3/4	3/4 3287.84	3/4 2999.17	3/4 2710.50	3/4 2421.83	3/4 2133.16	3/4 1844.48	3/4 1555.81	3/4 1267.57	3/4 978.95	3/4 690.28	3/4 401.60	3/4 113.88	3/4	
5	5 3281.83	5 2993.16	5 2704.49	5 2415.81	5 2127.14	5 1838.47	5 1549.80	5 1261.57	5 972.93	5 684.26	5 395.59	5 107.93	5	
1/4	1/4 3275.82	1/4 2987.14	1/4 2698.47	1/4 2409.80	1/4 2121.13	1/4 1832.46	1/4 1543.78	1/4 1255.56	1/4 966.92	1/4 678.25	1/4 389.58	1/4 101.97	1/4	
1/2	1/2 3269.80	1/2 2981.13	1/2 2692.46	1/2 2403.79	1/2 2115.11	1/2 1826.44	1/2 1537.77	1/2 1249.56	1/2 960.91	1/2 672.23	1/2 383.56	1/2 96.02	1/2	
3/4	3/4 3263.79	3/4 2975.12	3/4 2686.44	3/4 2397.77	3/4 2109.10	3/4 1820.43	3/4 1531.76	3/4 1243.55	3/4 954.89	3/4 666.22	3/4 377.55	3/4 90.07	3/4	
6	6 3257.77	6 2969.10	6 2680.43	6 2391.76	6 2103.09	6 1814.41	6 1525.74	6 1237.55	6 948.88	6 660.21	6 371.53	6 84.12	6	
1/4	1/4 3251.76	1/4 2963.09	1/4 2674.42	1/4 2385.74	1/4 2097.07	1/4 1808.40	1/4 1519.74	1/4 1231.54	1/4 942.86	1/4 654.19	1/4 365.52	1/4 78.17	1/4	
1/2	1/2 3245.75	1/2 2957.07	1/2 2668.40	1/2 2379.73	1/2 2091.06	1/2 1802.39	1/2 1513.73	1/2 1225.52	1/2 936.85	1/2 648.18	1/2 359.51	1/2 72.22	1/2	
3/4	3/4 3239.73	3/4 2951.06	3/4 2662.39	3/4 2373.72	3/4 2085.04	3/4 1796.37	3/4 1507.73	3/4 1219.51	3/4 930.84	3/4 642.16	3/4 353.49	3/4 66.27	3/4	
7	7 3233.72	7 2945.05	7 2656.37	7 2367.70	7 2079.03	7 1790.36	7 1501.73	7 1213.49	7 924.82	7 636.15	7 347.48	7 60.32	7	
1/4	1/4 3227.70	1/4 2939.03	1/4 2650.36	1/4 2361.69	1/4 2073.02	1/4 1784.34	1/4 1495.72	1/4 1207.48	1/4 918.81	1/4 630.14	1/4 341.46	1/4 54.97	1/4	
1/2	1/2 3221.69	1/2 2933.02	1/2 2644.35	1/2 2355.67	1/2 2067.00	1/2 1778.33	1/2 1489.72	1/2 1201.47	1/2 912.79	1/2 624.12	1/2 335.45	1/2 49.62	1/2	
3/4	3/4 3215.68	3/4 2927.00	3/4 2638.33	3/4 2349.66	3/4 2060.99	3/4 1772.32	3/4 1483.71	3/4 1195.45	3/4 906.78	3/4 618.11	3/4 329.44	3/4 44.27	3/4	
8	8 3209.66	8 2920.99	8 2632.32	8 2343.65	8 2054.97	8 1766.30	8 1477.71	8 1189.44	8 900.77	8 612.09	8 323.42	8 38.92	8	
1/4	1/4 3203.65	1/4 2914.98	1/4 2626.30	1/4 2337.63	1/4 2048.96	1/4 1760.29	1/4 1471.71	1/4 1183.42	1/4 894.75	1/4 606.08	1/4 317.41	1/4 34.71	1/4	
1/2	3390.09	1/2 3197.63	1/2 2908.96	1/2 2620.29	1/2 2331.62	1/2 2042.95	1/2 1754.27	1/2 1465.70	1/2 1177.41	1/2 888.74	1/2 600.07	1/2 311.39	1/2 30.50	1/2
3/4	3389.71	3/4 3191.62	3/4 2902.95	3/4 2614.28	3/4 2325.60	3/4 2036.93	3/4 1748.26	3/4 1459.70	3/4 1171.40	3/4 882.72	3/4 594.05	3/4 305.38	3/4 26.29	3/4
9	9 3389.34	9 3185.61	9 2896.93	9 2608.26	9 2319.59	9 2030.92	9 1742.25	9 1453.69	9 1165.38	9 876.71	9 588.04	9 299.37	9 22.08	9
1/4	3388.96	1/4 3179.59	1/4 2890.92	1/4 2602.25	1/4 2313.58	1/4 2024.90	1/4 1736.23	1/4 1447.69	1/4 1159.37	1/4 870.70	1/4 582.02	1/4 293.35	1/4 19.07	1/4
1/2	3388.59	1/2 3173.58	1/2 2884.91	1/2 2596.23	1/2 2307.56	1/2 2018.89	1/2 1730.22	1/2 1441.69	1/2 1153.35	1/2 864.68	1/2 576.01	1/2 287.34	1/2 16.07	1/2
3/4	3387.46	3/4 3167.56	3/4 2878.89	3/4 2590.22	3/4 2301.55	3/4 2012.88	3/4 1724.20	3/4 1435.68	3/4 1147.34	3/4 858.67	3/4 570.00	3/4 281.32	3/4 13.06	3/4
10	10 3386.33	10 3161.55	10 2872.88	10 2584.21	10 2295.53	10 2006.86	10 1718.19	10 1429.68	10 1141.33	10 852.65	10 563.98	10 275.31	10 10.05	10
1/4	3385.20	1/4 3155.54	1/4 2866.86	1/4 2578.19	1/4 2289.52	1/4 2000.85	1/4 1712.18	1/4 1423.67	1/4 1135.31	1/4 846.64	1/4 557.97	1/4 269.30	1/4 8.25	1/4
1/2	3384.07	1/2 3149.52	1/2 2860.85	1/2 2572.18	1/2 2283.51	1/2 1994.83	1/2 1706.16	1/2 1417.67	1/2 1129.30	1/2 840.63	1/2 551.95	1/2 263.28	1/2 6.45	1/2
3/4	3382.19	3/4 3143.51	3/4 2854.84	3/4 2566.16	3/4 2277.49	3/4 1988.82	3/4 1700.15	3/4 1411.67	3/4 1123.28	3/4 834.61	3/4 545.94	3/4 257.27	3/4 *4.64	3/4
11	11 3380.32	11 3137.49	11 2848.82	11 2560.15	11 2271.48	11 1982.81	11 1694.13	11 1405.66	11 1117.27	11 828.60	11 539.93	11 251.25	11	
1/4	3378.44	1/4 3131.48	1/4 2842.81	1/4 2554.14	1/4 2265.46	1/4 1976.79	1/4 1688.12	1/4 1399.66	1/4 1111.26	1/4 822.58	1/4 533.91	1/4 245.24	1/4	
1/2	3376.56	1/2 3125.47	1/2 2836.79	1/2 2548.12	1/2 2259.45	1/2 1970.78	1/2 1682.11	1/2 1393.65	1/2 1105.24	1/2 816.57	1/2 527.90	1/2 239.23	1/2	
3/4	3373.93	3/4 3119.45	3/4 2830.78	3/4 2542.11	3/4 2253.44	3/4 1964.76	3/4 1676.09	3/4 1387.65	3/4 1099.23	3/4 810.56	3/4 521.88	3/4 233.21	3/4	

CAPACITY IN: 42-GALLON BARRELS

GAUGE HEIGHT: 12'-10 3/4" (RIM OF HATCH OPPOSITE HINGE LOCATED NEAR CENTER OF TANK)

*CAPACITY BELOW STRIKE POINT

STRAPPED 11/5/92

MAGNOLIA MARINE - BARGE "MM 48"

OUTAGE TABLE

3 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL 4046

0 FEET	1 FEET	2 FEET	3 FEET	4 FEET	5 FEET	6 FEET	7 FEET	8 FEET	9 FEET	10 FEET	11 FEET	12 FEET	FEET
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.
0	0 3374.65	0 3116.55	0 2827.59	0 2538.63	0 2249.67	0 1960.71	0 1671.75	0 1383.03	0 1094.31	0 805.35	0 516.39	0 227.43	0
1/4	1/4 3372.02	1/4 3110.53	1/4 2821.57	1/4 2532.61	1/4 2243.65	1/4 1954.69	1/4 1665.73	1/4 1377.02	1/4 1088.29	1/4 799.33	1/4 510.37	1/4 221.41	1/4
1/2	1/2 3369.39	1/2 3104.51	1/2 2815.55	1/2 2526.59	1/2 2237.63	1/2 1948.67	1/2 1659.71	1/2 1371.01	1/2 1082.27	1/2 793.31	1/2 504.35	1/2 215.39	1/2
3/4	3/4 3366.00	3/4 3098.49	3/4 2809.53	3/4 2520.57	3/4 2231.61	3/4 1942.65	3/4 1653.69	3/4 1365.00	3/4 1076.25	3/4 787.29	3/4 498.33	3/4 209.37	3/4
1	1 3362.61	1 3092.47	1 2803.51	1 2514.55	1 2225.59	1 1936.63	1 1647.67	1 1358.99	1 1070.23	1 781.27	1 492.31	1 203.35	1
1/4	1/4 3359.23	1/4 3086.45	1/4 2797.49	1/4 2508.53	1/4 2219.57	1/4 1930.61	1/4 1641.65	1/4 1352.98	1/4 1064.21	1/4 775.25	1/4 486.29	1/4 197.39	1/4
1/2	1/2 3355.84	1/2 3080.43	1/2 2791.47	1/2 2502.51	1/2 2213.55	1/2 1924.59	1/2 1635.63	1/2 1346.97	1/2 1058.19	1/2 769.23	1/2 480.27	1/2 191.44	1/2
3/4	3/4 3351.70	3/4 3074.41	3/4 2785.45	3/4 2496.49	3/4 2207.53	3/4 1918.57	3/4 1629.61	3/4 1340.96	3/4 1052.17	3/4 763.21	3/4 474.25	3/4 185.48	3/4
2	2 3347.56	2 3068.39	2 2779.43	2 2490.47	2 2201.51	2 1912.55	2 1623.59	2 1334.95	2 1046.15	2 757.19	2 468.23	2 179.52	2
1/4	1/4 3343.42	1/4 3062.37	1/4 2773.41	1/4 2484.45	1/4 2195.49	1/4 1906.53	1/4 1617.57	1/4 1328.94	1/4 1040.13	1/4 751.17	1/4 462.21	1/4 173.56	1/4
1/2	1/2 3339.29	1/2 3056.35	1/2 2767.39	1/2 2478.43	1/2 2189.47	1/2 1900.51	1/2 1611.55	1/2 1322.93	1/2 1034.11	1/2 745.15	1/2 456.19	1/2 167.61	1/2
3/4	3/4 3334.40	3/4 3050.33	3/4 2761.37	3/4 2472.41	3/4 2183.45	3/4 1894.49	3/4 1605.53	3/4 1316.92	3/4 1028.09	3/4 739.13	3/4 450.17	3/4 161.65	3/4
3	3 3329.51	3 3044.31	3 2755.35	3 2466.39	3 2177.43	3 1888.47	3 1599.51	3 1310.91	3 1022.07	3 733.11	3 444.15	3 155.69	3
1/4	1/4 3324.62	1/4 3038.29	1/4 2749.33	1/4 2460.37	1/4 2171.41	1/4 1882.45	1/4 1593.49	1/4 1304.90	1/4 1016.05	1/4 727.09	1/4 438.13	1/4 149.74	1/4
1/2	1/2 3319.73	1/2 3032.27	1/2 2743.31	1/2 2454.35	1/2 2165.39	1/2 1876.43	1/2 1587.47	1/2 1298.89	1/2 1010.03	1/2 721.07	1/2 432.11	1/2 143.78	1/2
3/4	3/4 3314.08	3/4 3026.25	3/4 2737.29	3/4 2448.33	3/4 2159.37	3/4 1870.41	3/4 1581.45	3/4 1292.88	3/4 1004.01	3/4 715.05	3/4 426.09	3/4 137.82	3/4
4	4 3308.44	4 3020.23	4 2731.27	4 2442.31	4 2153.35	4 1864.39	4 1575.43	4 1286.87	4 997.99	4 709.03	4 420.07	4 131.87	4
1/4	1/4 3302.79	1/4 3014.21	1/4 2725.25	1/4 2436.29	1/4 2147.33	1/4 1858.37	1/4 1569.41	1/4 1280.86	1/4 991.97	1/4 703.01	1/4 414.05	1/4 125.91	1/4
1/2	1/2 3297.15	1/2 3008.19	1/2 2719.23	1/2 2430.27	1/2 2141.31	1/2 1852.35	1/2 1563.39	1/2 1274.85	1/2 985.95	1/2 696.99	1/2 408.03	1/2 119.95	1/2
3/4	3/4 3291.13	3/4 3002.17	3/4 2713.21	3/4 2424.25	3/4 2135.29	3/4 1846.33	3/4 1557.37	3/4 1268.84	3/4 979.93	3/4 690.97	3/4 402.01	3/4 113.99	3/4
5	5 3285.11	5 2996.15	5 2707.19	5 2418.23	5 2129.27	5 1840.31	5 1551.35	5 1262.83	5 973.91	5 684.95	5 395.99	5 108.04	5
1/4	1/4 3279.09	1/4 2990.13	1/4 2701.17	1/4 2412.21	1/4 2123.25	1/4 1834.29	1/4 1545.33	1/4 1256.82	1/4 967.89	1/4 678.93	1/4 389.97	1/4 102.08	1/4
1/2	1/2 3273.07	1/2 2984.11	1/2 2695.15	1/2 2406.19	1/2 2117.23	1/2 1828.27	1/2 1539.31	1/2 1250.81	1/2 961.87	1/2 672.91	1/2 383.95	1/2 96.12	1/2
3/4	3/4 3267.05	3/4 2978.09	3/4 2689.13	3/4 2400.17	3/4 2111.21	3/4 1822.25	3/4 1533.29	3/4 1244.80	3/4 955.85	3/4 666.89	3/4 377.93	3/4 90.17	3/4
6	6 3261.03	6 2972.07	6 2683.11	6 2394.15	6 2105.19	6 1816.23	6 1527.27	6 1238.79	6 949.83	6 660.87	6 371.91	6 84.21	6
1/4	1/4 3255.01	1/4 2966.05	1/4 2677.09	1/4 2388.13	1/4 2099.17	1/4 1810.21	1/4 1521.26	1/4 1232.77	1/4 943.81	1/4 654.85	1/4 365.89	1/4 78.25	1/4
1/2	1/2 3248.99	1/2 2960.03	1/2 2671.07	1/2 2382.11	1/2 2093.15	1/2 1804.19	1/2 1515.25	1/2 1226.75	1/2 937.79	1/2 648.83	1/2 359.87	1/2 72.30	1/2
3/4	3/4 3242.97	3/4 2954.01	3/4 2665.05	3/4 2376.09	3/4 2087.13	3/4 1798.17	3/4 1509.24	3/4 1220.73	3/4 931.77	3/4 642.81	3/4 353.85	3/4 66.34	3/4
7	7 3236.95	7 2947.99	7 2659.03	7 2370.07	7 2081.11	7 1792.15	7 1503.23	7 1214.71	7 925.75	7 636.79	7 347.83	7 60.38	7
1/4	1/4 3230.93	1/4 2941.97	1/4 2653.01	1/4 2364.05	1/4 2075.09	1/4 1786.13	1/4 1497.22	1/4 1208.69	1/4 919.73	1/4 630.77	1/4 341.81	1/4 55.03	1/4
1/2	1/2 3224.91	1/2 2935.95	1/2 2646.99	1/2 2358.03	1/2 2069.07	1/2 1780.11	1/2 1491.21	1/2 1202.67	1/2 913.71	1/2 624.75	1/2 335.79	1/2 49.67	1/2
3/4	3/4 3218.89	3/4 2929.93	3/4 2640.97	3/4 2352.01	3/4 2063.05	3/4 1774.09	3/4 1485.20	3/4 1196.65	3/4 907.69	3/4 618.73	3/4 329.77	3/4 44.32	3/4
8	8 3212.87	8 2923.91	8 2634.95	8 2345.99	8 2057.03	8 1768.07	8 1479.19	8 1190.63	8 901.67	8 612.71	8 323.75	8 38.96	8
1/4	1/4 3206.85	1/4 2917.89	1/4 2628.93	1/4 2339.97	1/4 2051.01	1/4 1762.05	1/4 1473.18	1/4 1184.61	1/4 895.65	1/4 606.69	1/4 317.73	1/4 34.75	1/4
1/2	3393.47 1/2 3200.83	1/2 2911.87	1/2 2622.91	1/2 2333.95	1/2 2044.99	1/2 1756.03	1/2 1467.17	1/2 1178.59	1/2 889.63	1/2 600.67	1/2 311.71	1/2 30.53	1/2
3/4	3393.09 3/4 3194.81	3/4 2905.85	3/4 2616.89	3/4 2327.93	3/4 2038.97	3/4 1750.01	3/4 1461.16	3/4 1172.57	3/4 883.61	3/4 594.65	3/4 305.69	3/4 26.32	3/4
9	9 3392.71	9 3188.79	9 2899.83	9 2610.87	9 2321.91	9 2032.95	9 1743.99	9 1455.15	9 1166.55	9 877.59	9 588.63	9 299.67	9 22.11
1/4	1/4 3392.34	1/4 3182.77	1/4 2893.81	1/4 2604.85	1/4 2315.89	1/4 2026.93	1/4 1737.97	1/4 1449.14	1/4 1160.53	1/4 871.57	1/4 582.61	1/4 293.65	1/4 19.10
1/2	1/2 3391.96	1/2 3176.75	1/2 2887.79	1/2 2598.83	1/2 2309.87	1/2 2020.91	1/2 1731.95	1/2 1443.13	1/2 1154.51	1/2 865.55	1/2 576.59	1/2 287.63	1/2 16.09
3/4	3390.83 3/4 3170.73	3/4 2881.77	3/4 2592.81	3/4 2303.85	3/4 2014.89	3/4 1725.93	3/4 1437.12	3/4 1148.49	3/4 859.53	3/4 570.57	3/4 281.61	3/4 *13.08	3/4
10	10 3389.70	10 3164.71	10 2875.75	10 2586.79	10 2297.83	10 2008.87	10 1719.91	10 1431.11	10 1142.47	10 853.51	10 564.55	10 275.59	10
1/4	1/4 3388.57	1/4 3158.69	1/4 2869.73	1/4 2580.77	1/4 2291.81	1/4 2002.85	1/4 1713.89	1/4 1425.10	1/4 1136.45	1/4 847.49	1/4 558.53	1/4 269.57	1/4
1/2	1/2 3387.45	1/2 3152.67	1/2 2863.71	1/2 2574.75	1/2 2285.79	1/2 1996.83	1/2 1707.87	1/2 1419.09	1/2 1130.43	1/2 841.47	1/2 552.51	1/2 263.55	1/2
3/4	3385.56 3/4 3146.65	3/4 2857.69	3/4 2568.73	3/4 2279.77	3/4 1990.81	3/4 1701.85	3/4 1413.08	3/4 1124.41	3/4 835.45	3/4 546.49	3/4 257.53	3/4	3/4
11	11 3383.68	11 3140.63	11 2851.67	11 2562.71	11 2273.75	11 1984.79	11 1695.83	11 1407.07	11 1118.39	11 829.43	11 540.47	11 251.51	11
1/4	1/4 3381.80	1/4 3134.61	1/4 2845.65	1/4 2556.69	1/4 2267.73	1/4 1978.77	1/4 1689.81	1/4 1401.06	1/4 1112.37	1/4 823.41	1/4 534.45	1/4 245.49	1/4
1/2	1/2 3379.92	1/2 3128.59	1/2 2839.63	1/2 2550.67	1/2 2261.71	1/2 1972.75	1/2 1683.79	1/2 1395.05	1/2 1106.35	1/2 817.39	1/2 528.43	1/2 239.47	1/2
3/4	3377.29 3/4 3122.57	3/4 2833.61	3/4 2544.65	3/4 2255.69	3/4 1966.73	3/4 1677.77	3/4 1389.04	3/4 1100.33	3/4 811.37	3/4 522.41	3/4 233.45	3/4	3/4

CAPACITY IN: 42-GALLON BARRELS

GAUGE HEIGHT: 12'-9 3/4" (RIM OF HATCH OPPOSITE HINGE LOCATED NEAR CENTER OF TANK)

*CAPACITY BELOW STRIKE POINT

STRAPPED 11/5/92

MAGNOLIA MARINE - BARGE "MM 48"

OUTAGE TABLE

3 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL 4046

0 FEET	1 FEET	2 FEET	3 FEET	4 FEET	5 FEET	6 FEET	7 FEET	8 FEET	9 FEET	10 FEET	11 FEET	12 FEET	FEET
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.
0	0 3374.65	0 3116.55	0 2827.59	0 2538.63	0 2249.67	0 1960.71	0 1671.75	0 1383.03	0 1094.31	0 805.35	0 516.39	0 227.43	0
1/4	1/4 3372.02	1/4 3110.53	1/4 2821.57	1/4 2532.61	1/4 2243.65	1/4 1954.69	1/4 1665.73	1/4 1377.02	1/4 1088.29	1/4 799.33	1/4 510.37	1/4 221.41	1/4
1/2	1/2 3369.39	1/2 3104.51	1/2 2815.55	1/2 2526.59	1/2 2237.63	1/2 1948.67	1/2 1659.71	1/2 1371.01	1/2 1082.27	1/2 793.31	1/2 504.35	1/2 215.39	1/2
3/4	3/4 3366.00	3/4 3098.49	3/4 2809.53	3/4 2520.57	3/4 2231.61	3/4 1942.65	3/4 1653.69	3/4 1365.00	3/4 1076.25	3/4 787.29	3/4 498.33	3/4 209.37	3/4
1	1 3362.61	1 3092.47	1 2803.51	1 2514.55	1 2225.59	1 1936.63	1 1647.67	1 1358.99	1 1070.23	1 781.27	1 492.31	1 203.35	1
1/4	1/4 3359.23	1/4 3086.45	1/4 2797.49	1/4 2508.53	1/4 2219.57	1/4 1930.61	1/4 1641.65	1/4 1352.98	1/4 1064.21	1/4 775.25	1/4 486.29	1/4 197.39	1/4
1/2	1/2 3355.84	1/2 3080.43	1/2 2791.47	1/2 2502.51	1/2 2213.55	1/2 1924.59	1/2 1635.63	1/2 1346.97	1/2 1058.19	1/2 769.23	1/2 480.27	1/2 191.44	1/2
3/4	3/4 3351.70	3/4 3074.41	3/4 2785.45	3/4 2496.49	3/4 2207.53	3/4 1918.57	3/4 1629.61	3/4 1340.96	3/4 1052.17	3/4 763.21	3/4 474.25	3/4 185.48	3/4
2	2 3347.56	2 3068.39	2 2779.43	2 2490.47	2 2201.51	2 1912.55	2 1623.59	2 1334.95	2 1046.15	2 757.19	2 468.23	2 179.52	2
1/4	1/4 3343.42	1/4 3062.37	1/4 2773.41	1/4 2484.45	1/4 2195.49	1/4 1906.53	1/4 1617.57	1/4 1328.94	1/4 1040.13	1/4 751.17	1/4 462.21	1/4 173.56	1/4
1/2	1/2 3339.29	1/2 3056.35	1/2 2767.39	1/2 2478.43	1/2 2189.47	1/2 1900.51	1/2 1611.55	1/2 1322.93	1/2 1034.11	1/2 745.15	1/2 456.19	1/2 167.61	1/2
3/4	3/4 3334.40	3/4 3050.33	3/4 2761.37	3/4 2472.41	3/4 2183.45	3/4 1894.49	3/4 1605.53	3/4 1316.92	3/4 1028.09	3/4 739.13	3/4 450.17	3/4 161.65	3/4
3	3 3329.51	3 3044.31	3 2755.35	3 2466.39	3 2177.43	3 1888.47	3 1599.51	3 1310.91	3 1022.07	3 733.11	3 444.15	3 155.69	3
1/4	1/4 3324.62	1/4 3038.29	1/4 2749.33	1/4 2460.37	1/4 2171.41	1/4 1882.45	1/4 1593.49	1/4 1304.90	1/4 1016.05	1/4 727.09	1/4 438.13	1/4 149.74	1/4
1/2	1/2 3319.73	1/2 3032.27	1/2 2743.31	1/2 2454.35	1/2 2165.39	1/2 1876.43	1/2 1587.47	1/2 1298.89	1/2 1010.03	1/2 721.07	1/2 432.11	1/2 143.78	1/2
3/4	3/4 3314.08	3/4 3026.25	3/4 2737.29	3/4 2448.33	3/4 2159.37	3/4 1870.41	3/4 1581.45	3/4 1292.88	3/4 1004.01	3/4 715.05	3/4 426.09	3/4 137.82	3/4
4	4 3308.44	4 3020.23	4 2731.27	4 2442.31	4 2153.35	4 1864.39	4 1575.43	4 1286.87	4 997.99	4 709.03	4 420.07	4 131.87	4
1/4	1/4 3302.79	1/4 3014.21	1/4 2725.25	1/4 2436.29	1/4 2147.33	1/4 1858.37	1/4 1569.41	1/4 1280.86	1/4 991.97	1/4 703.01	1/4 414.05	1/4 125.91	1/4
1/2	1/2 3297.15	1/2 3008.19	1/2 2719.23	1/2 2430.27	1/2 2141.31	1/2 1852.35	1/2 1563.39	1/2 1274.85	1/2 985.95	1/2 696.99	1/2 408.03	1/2 119.95	1/2
3/4	3/4 3291.13	3/4 3002.17	3/4 2713.21	3/4 2424.25	3/4 2135.29	3/4 1846.33	3/4 1557.37	3/4 1268.84	3/4 979.93	3/4 690.97	3/4 402.01	3/4 113.99	3/4
5	5 3285.11	5 2996.15	5 2707.19	5 2418.23	5 2129.27	5 1840.31	5 1551.35	5 1262.83	5 973.91	5 684.95	5 395.99	5 108.04	5
1/4	1/4 3279.09	1/4 2990.13	1/4 2701.17	1/4 2412.21	1/4 2123.25	1/4 1834.29	1/4 1545.33	1/4 1256.82	1/4 967.89	1/4 678.93	1/4 389.97	1/4 102.08	1/4
1/2	1/2 3273.07	1/2 2984.11	1/2 2695.15	1/2 2406.19	1/2 2117.23	1/2 1828.27	1/2 1539.31	1/2 1250.81	1/2 961.87	1/2 672.91	1/2 383.95	1/2 96.12	1/2
3/4	3/4 3267.05	3/4 2978.09	3/4 2689.13	3/4 2400.17	3/4 2111.21	3/4 1822.25	3/4 1533.29	3/4 1244.80	3/4 955.85	3/4 666.89	3/4 377.93	3/4 90.17	3/4
6	6 3261.03	6 2972.07	6 2683.11	6 2394.15	6 2105.19	6 1816.23	6 1527.27	6 1238.79	6 949.83	6 660.87	6 371.91	6 84.21	6
1/4	1/4 3255.01	1/4 2966.05	1/4 2677.09	1/4 2388.13	1/4 2099.17	1/4 1810.21	1/4 1521.26	1/4 1232.77	1/4 943.81	1/4 654.85	1/4 365.89	1/4 78.25	1/4
1/2	1/2 3248.99	1/2 2960.03	1/2 2671.07	1/2 2382.11	1/2 2093.15	1/2 1804.19	1/2 1515.25	1/2 1226.75	1/2 937.79	1/2 648.83	1/2 359.87	1/2 72.30	1/2
3/4	3/4 3242.97	3/4 2954.01	3/4 2665.05	3/4 2376.09	3/4 2087.13	3/4 1798.17	3/4 1509.24	3/4 1220.73	3/4 931.77	3/4 642.81	3/4 353.85	3/4 66.34	3/4
7	7 3236.95	7 2947.99	7 2659.03	7 2370.07	7 2081.11	7 1792.15	7 1503.23	7 1214.71	7 925.75	7 636.79	7 347.83	7 60.38	7
1/4	1/4 3230.93	1/4 2941.97	1/4 2653.01	1/4 2364.05	1/4 2075.09	1/4 1786.13	1/4 1497.22	1/4 1208.69	1/4 919.73	1/4 630.77	1/4 341.81	1/4 55.03	1/4
1/2	1/2 3224.91	1/2 2935.95	1/2 2646.99	1/2 2358.03	1/2 2069.07	1/2 1780.11	1/2 1491.21	1/2 1202.67	1/2 913.71	1/2 624.75	1/2 335.79	1/2 49.67	1/2
3/4	3/4 3218.89	3/4 2929.93	3/4 2640.97	3/4 2352.01	3/4 2063.05	3/4 1774.09	3/4 1485.20	3/4 1196.65	3/4 907.69	3/4 618.73	3/4 329.77	3/4 44.32	3/4
8	8 3212.87	8 2923.91	8 2634.95	8 2345.99	8 2057.03	8 1768.07	8 1479.19	8 1190.63	8 901.67	8 612.71	8 323.75	8 38.96	8
1/4	1/4 3206.85	1/4 2917.89	1/4 2628.93	1/4 2339.97	1/4 2051.01	1/4 1762.05	1/4 1473.18	1/4 1184.61	1/4 895.65	1/4 606.69	1/4 317.73	1/4 34.75	1/4
1/2	3393.47 1/2 3200.83	1/2 2911.87	1/2 2622.91	1/2 2333.95	1/2 2044.99	1/2 1756.03	1/2 1467.17	1/2 1178.59	1/2 889.63	1/2 600.67	1/2 311.71	1/2 30.53	1/2
3/4	3393.09 3/4 3194.81	3/4 2905.85	3/4 2616.89	3/4 2327.93	3/4 2038.97	3/4 1750.01	3/4 1461.16	3/4 1172.57	3/4 883.61	3/4 594.65	3/4 305.69	3/4 26.32	3/4
9	9 3392.71	9 3188.79	9 2899.83	9 2610.87	9 2321.91	9 2032.95	9 1743.99	9 1455.15	9 1166.55	9 877.59	9 588.63	9 299.67	9 22.11
1/4	1/4 3392.34	1/4 3182.77	1/4 2893.81	1/4 2604.85	1/4 2315.89	1/4 2026.93	1/4 1737.97	1/4 1449.14	1/4 1160.53	1/4 871.57	1/4 582.61	1/4 293.65	1/4 19.10
1/2	1/2 3391.96	1/2 3176.75	1/2 2887.79	1/2 2598.83	1/2 2309.87	1/2 2020.91	1/2 1731.95	1/2 1443.13	1/2 1154.51	1/2 865.55	1/2 576.59	1/2 287.63	1/2 16.09
3/4	3390.83 3/4 3170.73	3/4 2881.77	3/4 2592.81	3/4 2303.85	3/4 2014.89	3/4 1725.93	3/4 1437.12	3/4 1148.49	3/4 859.53	3/4 570.57	3/4 281.61	3/4 13.08	3/4
10	10 3389.70	10 3164.71	10 2875.75	10 2586.79	10 2297.83	10 2008.87	10 1719.91	10 1431.11	10 1142.47	10 853.51	10 564.55	10 275.59	10 *10.07
1/4	1/4 3388.57	1/4 3158.69	1/4 2869.73	1/4 2580.77	1/4 2291.81	1/4 2002.85	1/4 1713.89	1/4 1425.10	1/4 1136.45	1/4 847.49	1/4 558.53	1/4 269.57	1/4
1/2	1/2 3387.45	1/2 3152.67	1/2 2863.71	1/2 2574.75	1/2 2285.79	1/2 1996.83	1/2 1707.87	1/2 1419.09	1/2 1130.43	1/2 841.47	1/2 552.51	1/2 263.55	1/2
3/4	3385.56 3/4 3146.65	3/4 2857.69	3/4 2568.73	3/4 2279.77	3/4 1990.81	3/4 1701.85	3/4 1413.08	3/4 1124.41	3/4 835.45	3/4 546.49	3/4 257.53	3/4	3/4
11	11 3383.68	11 3140.63	11 2851.67	11 2562.71	11 2273.75	11 1984.79	11 1695.83	11 1407.07	11 1118.39	11 829.43	11 540.47	11 251.51	11
1/4	1/4 3381.80	1/4 3134.61	1/4 2845.65	1/4 2556.69	1/4 2267.73	1/4 1978.77	1/4 1689.81	1/4 1401.06	1/4 1112.37	1/4 823.41	1/4 534.45	1/4 245.49	1/4
1/2	1/2 3379.92	1/2 3128.59	1/2 2839.63	1/2 2550.67	1/2 2261.71	1/2 1972.75	1/2 1683.79	1/2 1395.05	1/2 1106.35	1/2 817.39	1/2 528.43	1/2 239.47	1/2
3/4	3377.29 3/4 3122.57	3/4 2833.61	3/4 2544.65	3/4 2255.69	3/4 1966.73	3/4 1677.77	3/4 1389.04	3/4 1100.33	3/4 811.37	3/4 522.41	3/4 233.45	3/4	3/4

CAPACITY IN: 42-GALLON BARRELS

GAUGE HEIGHT: 12'-10" (RIM OF HATCH OPPOSITE HINGE LOCATED NEAR CENTER OF TANK)

*CAPACITY BELOW STRIKE POINT

STRAPPED 11/5/92

MAGNOLIA MARINE - BARGE "MM 48"

OUTAGE TABLE

4 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL 4046

1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET		FEET			
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0		0	2612.23	0	2581.29	0	2431.46	0	2174.34	0	1912.55	0	1650.76	0	1388.96	0	1127.64	0	865.86	0	604.07	0	342.28	0	81.68	0			
1/4		1/4	2611.59	1/4	2580.48	1/4	2427.57	1/4	2168.89	1/4	1907.09	1/4	1645.30	1/4	1383.51	1/4	1122.20	1/4	860.41	1/4	598.61	1/4	336.82	1/4	76.29	1/4			
1/2		1/2	2610.94	1/2	2579.67	1/2	2423.67	1/2	2163.43	1/2	1901.64	1/2	1639.85	1/2	1378.07	1/2	1116.74	1/2	854.95	1/2	593.16	1/2	331.37	1/2	70.90	1/2			
3/4		3/4	2610.30	3/4	2578.86	3/4	2419.77	3/4	2157.98	3/4	1896.19	3/4	1634.39	3/4	1372.62	3/4	1111.29	3/4	849.50	3/4	587.71	3/4	325.91	3/4	65.51	3/4			
1		1	2609.66	1	2577.71	1	2414.32	1	2152.52	1	1890.73	1	1628.94	1	1367.18	1	1105.84	1	844.04	1	582.25	1	320.46	1	60.12	1			
1/4		1/4	2609.02	1/4	2576.56	1/4	2408.86	1/4	2147.07	1/4	1885.28	1/4	1623.49	1/4	1361.73	1/4	1100.38	1/4	838.59	1/4	576.80	1/4	315.01	1/4	54.73	1/4			
1/2		1/2	2608.38	1/2	2575.41	1/2	2403.41	1/2	2141.62	1/2	1879.82	1/2	1618.03	1/2	1356.29	1/2	1094.93	1/2	833.14	1/2	571.34	1/2	309.55	1/2	49.88	1/2			
3/4		3/4	2607.74	3/4	2574.26	3/4	2397.95	3/4	2136.16	3/4	1874.37	3/4	1612.58	3/4	1350.85	3/4	1089.47	3/4	827.68	3/4	565.89	3/4	304.10	3/4	45.03	3/4			
2		2	2607.10	2	2572.77	2	2392.50	2	2130.71	2	1868.92	2	1607.12	2	1345.40	2	1084.02	2	822.23	2	560.44	2	298.64	2	40.19	2			
1/4		1/4	2606.46	1/4	2571.28	1/4	2387.05	1/4	2125.25	1/4	1863.46	1/4	1601.67	1/4	1339.96	1/4	1078.57	1/4	816.77	1/4	554.98	1/4	293.19	1/4	35.34	1/4			
1/2		1/2	2605.82	1/2	2569.63	1/2	2381.59	1/2	2119.80	1/2	1858.01	1/2	1596.22	1/2	1334.51	1/2	1073.11	1/2	811.32	1/2	549.53	1/2	287.74	1/2	31.52	1/2			
3/4	2625.67	3/4	2605.18	3/4	2567.99	3/4	2376.14	3/4	2114.35	3/4	1852.55	3/4	1590.76	3/4	1329.07	3/4	1067.66	3/4	805.87	3/4	544.07	3/4	282.28	3/4	27.71	3/4			
3	2625.63	3	2604.53	3	2565.53	3	2370.68	3	2108.89	3	1847.10	3	1585.31	3	1323.63	3	1062.20	3	800.41	3	538.62	3	276.83	3	23.89	3			
1/4	2625.59	1/4	2603.89	1/4	2563.08	1/4	2365.23	1/4	2103.44	1/4	1841.65	1/4	1579.85	1/4	1318.18	1/4	1056.75	1/4	794.96	1/4	533.17	1/4	271.37	1/4	*20.07	1/4			
1/2	2625.55	1/2	2603.25	1/2	2560.62	1/2	2359.78	1/2	2097.98	1/2	1836.19	1/2	1574.40	1/2	1312.74	1/2	1051.30	1/2	789.50	1/2	527.71	1/2	265.92	1/2		1/2			
3/4	2625.51	3/4	2602.61	3/4	2558.17	3/4	2354.32	3/4	2092.53	3/4	1830.74	3/4	1568.95	3/4	1307.29	3/4	1045.84	3/4	784.05	3/4	522.26	3/4	260.47	3/4		3/4			
4	2625.39	4	2601.97	4	2554.75	4	2348.87	4	2087.08	4	1825.28	4	1563.49	4	1301.85	4	1040.39	4	778.60	4	516.80	4	255.01	4		4			
1/4	2625.27	1/4	2601.33	1/4	2551.34	1/4	2343.41	1/4	2081.62	1/4	1819.83	1/4	1558.04	1/4	1296.41	1/4	1034.93	1/4	773.14	1/4	511.35	1/4	249.56	1/4		1/4			
1/2	2625.15	1/2	2600.69	1/2	2547.92	1/2	2337.96	1/2	2076.17	1/2	1814.38	1/2	1552.58	1/2	1290.96	1/2	1029.48	1/2	767.69	1/2	505.90	1/2	244.10	1/2		1/2			
3/4	2625.03	3/4	2600.05	3/4	2544.51	3/4	2332.51	3/4	2070.71	3/4	1808.92	3/4	1547.13	3/4	1285.52	3/4	1024.03	3/4	762.23	3/4	500.44	3/4	238.65	3/4		3/4			
5	2624.83	5	2599.41	5	2540.61	5	2327.05	5	2065.26	5	1803.47	5	1541.68	5	1280.07	5	1018.57	5	756.78	5	494.99	5	233.20	5		5			
1/4	2624.63	1/4	2598.77	1/4	2536.71	1/4	2321.60	1/4	2059.81	1/4	1798.01	1/4	1536.22	1/4	1274.63	1/4	1013.12	1/4	751.33	1/4	489.53	1/4	227.74	1/4		1/4			
1/2	2624.43	1/2	2598.12	1/2	2532.81	1/2	2316.14	1/2	2054.35	1/2	1792.56	1/2	1530.77	1/2	1269.19	1/2	1007.66	1/2	745.87	1/2	484.08	1/2	222.29	1/2		1/2			
3/4	2624.23	3/4	2597.48	3/4	2528.91	3/4	2310.69	3/4	2048.90	3/4	1787.11	3/4	1525.31	3/4	1263.74	3/4	1002.21	3/4	740.42	3/4	478.63	3/4	216.83	3/4		3/4			
6	2623.95	6	2596.84	6	2525.02	6	2305.24	6	2043.44	6	1781.65	6	1519.86	6	1258.30	6	996.76	6	734.96	6	473.17	6	211.38	6		6			
1/4	2623.67	1/4	2596.20	1/4	2521.12	1/4	2299.78	1/4	2037.99	1/4	1776.20	1/4	1514.41	1/4	1252.85	1/4	991.30	1/4	729.51	1/4	467.72	1/4	205.93	1/4		1/4			
1/2	2623.39	1/2	2595.56	1/2	2517.22	1/2	2294.33	1/2	2032.54	1/2	1770.74	1/2	1508.95	1/2	1247.41	1/2	985.85	1/2	724.06	1/2	462.26	1/2	200.47	1/2		1/2			
3/4	2623.12	3/4	2594.92	3/4	2513.32	3/4	2288.87	3/4	2027.08	3/4	1765.29	3/4	1503.50	3/4	1241.97	3/4	980.39	3/4	718.60	3/4	456.81	3/4	195.02	3/4		3/4			
7	2622.76	7	2594.28	7	2509.42	7	2283.42	7	2021.63	7	1759.84	7	1498.04	7	1236.52	7	974.94	7	713.15	7	451.36	7	189.56	7		7			
1/4	2622.40	1/4	2593.64	1/4	2505.53	1/4	2277.97	1/4	2016.17	1/4	1754.38	1/4	1492.59	1/4	1231.08	1/4	969.49	1/4	707.69	1/4	445.90	1/4	184.11	1/4		1/4			
1/2	2622.04	1/2	2593.00	1/2	2501.63	1/2	2272.51	1/2	2010.72	1/2	1748.93	1/2	1487.14	1/2	1225.63	1/2	964.03	1/2	702.24	1/2	440.45	1/2	178.72	1/2		1/2			
3/4	2621.68	3/4	2592.36	3/4	2497.73	3/4	2267.06	3/4	2005.27	3/4	1743.47	3/4	1481.68	3/4	1220.19	3/4	958.58	3/4	696.79	3/4	434.99	3/4	173.33	3/4		3/4			
8	2621.24	8	2591.71	8	2493.83	8	2261.60	8	1999.81	8	1738.02	8	1476.23	8	1214.75	8	953.12	8	691.33	8	429.54	8	167.94	8		8			
1/4	2620.80	1/4	2591.07	1/4	2489.93	1/4	2256.15	1/4	1994.36	1/4	1732.57	1/4	1470.77	1/4	1209.30	1/4	947.67	1/4	685.88	1/4	424.09	1/4	162.55	1/4		1/4			
1/2	2620.36	1/2	2590.43	1/2	2486.04	1/2	2250.70	1/2	1988.90	1/2	1727.11	1/2	1465.32	1/2	1203.86	1/2	942.22	1/2	680.42	1/2	418.63	1/2	157.15	1/2		1/2			
3/4	2619.92	3/4	2589.79	3/4	2482.14	3/4	2245.24	3/4	1983.45	3/4	1721.66	3/4	1459.87	3/4	1198.41	3/4	936.76	3/4	674.97	3/4	413.18	3/4	151.76	3/4		3/4			
9	2619.40	9	2589.15	9	2478.24	9	2239.79	9	1978.00	9	1716.20	9	1454.41	9	1192.97	9	931.31	9	669.52	9	407.72	9	146.37	9		9			
1/4	2618.88	1/4	2588.51	1/4	2474.34	1/4	2234.33	1/4	1972.54	1/4	1710.75	1/4	1448.96	1/4	11														

MAGNOLIA MARINE - BARGE "MM 48"

OUTAGE TABLE

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

4 STAR

HULL 4046

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		FEET		
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.
0		0	2612.23	0	2581.29	0	2431.46	0	2174.34	0	1912.55	0	1650.76	0	1388.96	0	1127.64	0	865.86	0	604.07	0	342.28	0	81.68	0		
1/4		1/4	2611.59	1/4	2580.48	1/4	2427.57	1/4	2168.89	1/4	1907.09	1/4	1645.30	1/4	1383.51	1/4	1122.20	1/4	860.41	1/4	598.61	1/4	336.82	1/4	76.29	1/4		
1/2		1/2	2610.94	1/2	2579.67	1/2	2423.67	1/2	2163.43	1/2	1901.64	1/2	1639.85	1/2	1378.07	1/2	1116.74	1/2	854.95	1/2	593.16	1/2	331.37	1/2	70.90	1/2		
3/4		3/4	2610.30	3/4	2578.86	3/4	2419.77	3/4	2157.98	3/4	1896.19	3/4	1634.39	3/4	1372.62	3/4	1111.29	3/4	849.50	3/4	587.71	3/4	325.91	3/4	65.51	3/4		
1		1	2609.66	1	2577.71	1	2414.32	1	2152.52	1	1890.73	1	1628.94	1	1367.18	1	1105.84	1	844.04	1	582.25	1	320.46	1	60.12	1		
1/4		1/4	2609.02	1/4	2576.56	1/4	2408.86	1/4	2147.07	1/4	1885.28	1/4	1623.49	1/4	1361.73	1/4	1100.38	1/4	838.59	1/4	576.80	1/4	315.01	1/4	54.73	1/4		
1/2		1/2	2608.38	1/2	2575.41	1/2	2403.41	1/2	2141.62	1/2	1879.82	1/2	1618.03	1/2	1356.29	1/2	1094.93	1/2	833.14	1/2	571.34	1/2	309.55	1/2	49.88	1/2		
3/4		3/4	2607.74	3/4	2574.26	3/4	2397.95	3/4	2136.16	3/4	1874.37	3/4	1612.58	3/4	1350.85	3/4	1089.47	3/4	827.68	3/4	565.89	3/4	304.10	3/4	45.03	3/4		
2		2	2607.10	2	2572.77	2	2392.50	2	2130.71	2	1868.92	2	1607.12	2	1345.40	2	1084.02	2	822.23	2	560.44	2	298.64	2	40.19	2		
1/4		1/4	2606.46	1/4	2571.28	1/4	2387.05	1/4	2125.25	1/4	1863.46	1/4	1601.67	1/4	1339.96	1/4	1078.57	1/4	816.77	1/4	554.98	1/4	293.19	1/4	35.34	1/4		
1/2		1/2	2605.82	1/2	2569.63	1/2	2381.59	1/2	2119.80	1/2	1858.01	1/2	1596.22	1/2	1334.51	1/2	1073.11	1/2	811.32	1/2	549.53	1/2	287.74	1/2	31.52	1/2		
3/4	2625.67	3/4	2605.18	3/4	2567.99	3/4	2376.14	3/4	2114.35	3/4	1852.55	3/4	1590.76	3/4	1329.07	3/4	1067.66	3/4	805.87	3/4	544.07	3/4	282.28	3/4	*27.71	3/4		
3	2625.63	3	2604.53	3	2565.53	3	2370.68	3	2108.89	3	1847.10	3	1585.31	3	1323.63	3	1062.20	3	800.41	3	538.62	3	276.83	3		3		
1/4	2625.59	1/4	2603.89	1/4	2563.08	1/4	2365.23	1/4	2103.44	1/4	1841.65	1/4	1579.85	1/4	1318.18	1/4	1056.75	1/4	794.96	1/4	533.17	1/4	271.37	1/4		1/4		
1/2	2625.55	1/2	2603.25	1/2	2560.62	1/2	2359.78	1/2	2097.98	1/2	1836.19	1/2	1574.40	1/2	1312.74	1/2	1051.30	1/2	789.50	1/2	527.71	1/2	265.92	1/2		1/2		
3/4	2625.51	3/4	2602.61	3/4	2558.17	3/4	2354.32	3/4	2092.53	3/4	1830.74	3/4	1568.95	3/4	1307.29	3/4	1045.84	3/4	784.05	3/4	522.26	3/4	260.47	3/4		3/4		
4	2625.39	4	2601.97	4	2554.75	4	2348.87	4	2087.08	4	1825.28	4	1563.49	4	1301.85	4	1040.39	4	778.60	4	516.80	4	255.01	4		4		
1/4	2625.27	1/4	2601.33	1/4	2551.34	1/4	2343.41	1/4	2081.62	1/4	1819.83	1/4	1558.04	1/4	1296.41	1/4	1034.93	1/4	773.14	1/4	511.35	1/4	249.56	1/4		1/4		
1/2	2625.15	1/2	2600.69	1/2	2547.92	1/2	2337.96	1/2	2076.17	1/2	1814.38	1/2	1552.58	1/2	1290.96	1/2	1029.48	1/2	767.69	1/2	505.90	1/2	244.10	1/2		1/2		
3/4	2625.03	3/4	2600.05	3/4	2544.51	3/4	2332.51	3/4	2070.71	3/4	1808.92	3/4	1547.13	3/4	1285.52	3/4	1024.03	3/4	762.23	3/4	500.44	3/4	238.65	3/4		3/4		
5	2624.83	5	2599.41	5	2540.61	5	2327.05	5	2065.26	5	1803.47	5	1541.68	5	1280.07	5	1018.57	5	756.78	5	494.99	5	233.20	5		5		
1/4	2624.63	1/4	2598.77	1/4	2536.71	1/4	2321.60	1/4	2059.81	1/4	1798.01	1/4	1536.22	1/4	1274.63	1/4	1013.12	1/4	751.33	1/4	489.53	1/4	227.74	1/4		1/4		
1/2	2624.43	1/2	2598.12	1/2	2532.81	1/2	2316.14	1/2	2054.35	1/2	1792.56	1/2	1530.77	1/2	1269.19	1/2	1007.66	1/2	745.87	1/2	484.08	1/2	222.29	1/2		1/2		
3/4	2624.23	3/4	2597.48	3/4	2528.91	3/4	2310.69	3/4	2048.90	3/4	1787.11	3/4	1525.31	3/4	1263.74	3/4	1002.21	3/4	740.42	3/4	478.63	3/4	216.83	3/4		3/4		
6	2623.95	6	2596.84	6	2525.02	6	2305.24	6	2043.44	6	1781.65	6	1519.86	6	1258.30	6	996.76	6	734.96	6	473.17	6	211.38	6		6		
1/4	2623.67	1/4	2596.20	1/4	2521.12	1/4	2299.78	1/4	2037.99	1/4	1776.20	1/4	1514.41	1/4	1252.85	1/4	991.30	1/4	729.51	1/4	467.72	1/4	205.93	1/4		1/4		
1/2	2623.39	1/2	2595.56	1/2	2517.22	1/2	2294.33	1/2	2032.54	1/2	1770.74	1/2	1508.95	1/2	1247.41	1/2	985.85	1/2	724.06	1/2	462.26	1/2	200.47	1/2		1/2		
3/4	2623.12	3/4	2594.92	3/4	2513.32	3/4	2288.87	3/4	2027.08	3/4	1765.29	3/4	1503.50	3/4	1241.97	3/4	980.39	3/4	718.60	3/4	456.81	3/4	195.02	3/4		3/4		
7	2622.76	7	2594.28	7	2509.42	7	2283.42	7	2021.63	7	1759.84	7	1498.04	7	1236.52	7	974.94	7	713.15	7	451.36	7	189.56	7		7		
1/4	2622.40	1/4	2593.64	1/4	2505.53	1/4	2277.97	1/4	2016.17	1/4	1754.38	1/4	1492.59	1/4	1231.08	1/4	969.49	1/4	707.69	1/4	445.90	1/4	184.11	1/4		1/4		
1/2	2622.04	1/2	2593.00	1/2	2501.63	1/2	2272.51	1/2	2010.72	1/2	1748.93	1/2	1487.14	1/2	1225.63	1/2	964.03	1/2	702.24	1/2	440.45	1/2	178.72	1/2		1/2		
3/4	2621.68	3/4	2592.36	3/4	2497.73	3/4	2267.06	3/4	2005.27	3/4	1743.47	3/4	1481.68	3/4	1220.19	3/4	958.58	3/4	696.79	3/4	434.99	3/4	173.33	3/4		3/4		
8	2621.24	8	2591.71	8	2493.83	8	2261.60	8	1999.81	8	1738.02	8	1476.23	8	1214.75	8	953.12	8	691.33	8	429.54	8	167.94	8		8		
1/4	2620.80	1/4	2591.07	1/4	2489.93	1/4	2256.15	1/4	1994.36	1/4	1732.57	1/4	1470.77	1/4	1209.30	1/4	947.67	1/4	685.88	1/4	424.09	1/4	162.55	1/4		1/4		
1/2	2620.36	1/2	2590.43	1/2	2486.04	1/2	2250.70	1/2	1988.90	1/2	1727.11	1/2	1465.32	1/2	1203.86	1/2	942.22	1/2	680.42	1/2	418.63	1/2	157.15	1/2		1/2		
3/4	2619.92	3/4	2589.79	3/4	2482.14	3/4	2245.24	3/4	1983.45	3/4	1721.66	3/4	1459.87	3/4	1198.41	3/4	936.76	3/4	674.97	3/4	413.18	3/4	151.76	3/4		3/4		
9	2619.40	9	2589.15	9	2478.24	9	2239.79	9	1978.00	9	1716.20	9	1454.41	9	1192.97	9	931.31	9	669.52	9	407.72	9	146.37	9		9		
1/4	2618.88	1/4	2588.51	1/4	2474.34	1/4	2234.33	1/4	1972.54	1/4	1710.75	1/4	1448.96	1/4	1187.53	1/4	925.85	1/4	664.06	1/4	402.27	1/4	140.98	1/4		1/4		
1/2	2618.36	1/2	2587.87	1/2	2470.44	1/																						