

MAGNOLIA MARINE - BARGE "MM-72"

OUTAGE TABLE

1 PORT or STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

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	13 FEET														
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.														
0	0	3573.01	0	3296.55	0	2978.22	0	2659.88	0	2341.54	0	2023.21	0	1704.87	0	1386.54	0	1068.2	0	749.86	0	444.18	0	182.03	0		
1/4	1/4	3570.24	1/4	3289.92	1/4	2971.58	1/4	2653.25	1/4	2334.91	1/4	2016.58	1/4	1698.24	1/4	1379.9	1/4	1061.57	1/4	743.23	1/4	438.14	1/4	176.94	1/4		
1/2	1/2	3567.48	1/2	3283.29	1/2	2964.95	1/2	2646.62	1/2	2328.28	1/2	2009.94	1/2	1691.61	1/2	1373.27	1/2	1054.94	1/2	736.6	1/2	432.35	1/2	172.09	1/2		
3/4	3/4	3564.71	3/4	3276.66	3/4	2958.32	3/4	2639.98	3/4	2321.65	3/4	2003.31	3/4	1684.98	3/4	1366.64	3/4	1048.3	3/4	729.97	3/4	426.55	3/4	167.24	3/4		
1	1	3561.16	1	3270.03	1	2951.69	1	2633.35	1	2315.02	1	1996.68	1	1678.34	1	1360.01	1	1041.67	1	723.34	1	420.76	1	162.39	1		
1/4	1/4	3557.6	1/4	3263.39	1/4	2945.06	1/4	2626.72	1/4	2308.38	1/4	1990.05	1/4	1671.71	1/4	1353.38	1/4	1035.04	1/4	716.7	1/4	414.96	1/4	157.54	1/4		
1/2	1/2	3554.05	1/2	3256.76	1/2	2938.42	1/2	2620.09	1/2	2301.75	1/2	1983.42	1/2	1665.08	1/2	1346.74	1/2	1028.41	1/2	710.8	1/2	409.16	1/2	152.69	1/2		
3/4	3/4	3550.49	3/4	3250.13	3/4	2931.79	3/4	2613.46	3/4	2295.12	3/4	1976.78	3/4	1658.45	3/4	1340.11	3/4	1021.78	3/4	703.46	3/4	403.37	3/4	147.83	3/4		
2	2	3546.15	2	3243.5	2	2925.16	2	2606.82	2	2288.49	2	1970.15	2	1651.82	2	1333.48	2	1015.14	2	696.84	2	397.57	2	142.98	2		
1/4	1/4	3541.8	1/4	3236.87	1/4	2918.53	1/4	2600.19	1/4	2281.86	1/4	1963.52	1/4	1645.18	1/4	1326.85	1/4	1008.51	1/4	690.22	1/4	391.78	1/4	138.13	1/4		
1/2	1/2	3537.46	1/2	3230.23	1/2	2911.9	1/2	2593.56	1/2	2275.22	1/2	1956.89	1/2	1638.55	1/2	1320.22	1/2	1001.88	1/2	683.6	1/2	385.98	1/2	133.28	1/2		
3/4	3/4	3533.11	3/4	3223.6	3/4	2905.26	3/4	2586.93	3/4	2268.59	3/4	1950.26	3/4	1631.92	3/4	1313.58	3/4	995.25	3/4	676.98	3/4	380.18	3/4	128.43	3/4		
3	3	3527.98	3	3216.97	3	2898.63	3	2580.3	3	2261.96	3	1943.62	3	1625.29	3	1306.95	3	988.62	3	670.36	3	374.39	3	123.5	3		
1/4	1/4	3522.85	1/4	3210.34	1/4	2892	1/4	2573.66	1/4	2255.33	1/4	1936.99	1/4	1618.66	1/4	1300.32	1/4	981.98	1/4	663.74	1/4	368.59	1/4	118.73	1/4		
1/2	1/2	3517.71	1/2	3203.71	1/2	2885.37	1/2	2567.03	1/2	2248.7	1/2	1930.36	1/2	1612.02	1/2	1293.69	1/2	975.35	1/2	657.24	1/2	363.03	1/2	114.11	1/2		
3/4	3/4	3512.58	3/4	3197.07	3/4	2878.74	3/4	2560.4	3/4	2242.06	3/4	1923.73	3/4	1605.39	3/4	1287.06	3/4	968.72	3/4	650.74	3/4	357.47	3/4	109.5	3/4		
4	4	3506.65	4	3190.44	4	2872.1	4	2553.77	4	2235.43	4	1917.1	4	1598.76	4	1280.42	4	962.09	4	644.24	4	351.91	4	104.88	4		
1/4	1/4	3500.73	1/4	3183.81	1/4	2865.47	1/4	2547.14	1/4	2228.8	1/4	1910.46	1/4	1592.13	1/4	1273.79	1/4	955.46	1/4	637.74	1/4	346.35	1/4	100.26	1/4		
1/2	1/2	3494.81	1/2	3177.18	1/2	2858.84	1/2	2540.5	1/2	2222.17	1/2	1903.83	1/2	1585.5	1/2	1267.16	1/2	948.82	1/2	631.23	1/2	340.79	1/2	95.65	1/2		
3/4	3/4	3488.88	3/4	3170.55	3/4	2852.21	3/4	2533.87	3/4	2215.54	3/4	1897.2	3/4	1578.86	3/4	1260.53	3/4	942.19	3/4	624.73	3/4	335.23	3/4	91.03	3/4		
5	5	3482.25	5	3163.91	5	2845.58	5	2527.24	5	2208.9	5	1890.57	5	1572.23	5	1253.9	5	935.56	5	618.23	5	329.67	5	86.42	5		
1/4	1/4	3475.62	1/4	3157.28	1/4	2838.94	1/4	2520.61	1/4	2202.27	1/4	1883.94	1/4	1565.6	1/4	1247.26	1/4	928.93	1/4	611.73	1/4	324.11	1/4	81.8	1/4		
1/2	1/2	3468.99	1/2	3150.65	1/2	2832.31	1/2	2513.98	1/2	2195.64	1/2	1877.3	1/2	1558.97	1/2	1240.63	1/2	922.3	1/2	605.23	1/2	318.55	1/2	77.18	1/2		
3/4	3/4	3462.35	3/4	3144.02	3/4	2825.68	3/4	2507.34	3/4	2189.01	3/4	1870.67	3/4	1552.34	3/4	1234	3/4	915.66	3/4	598.72	3/4	312.99	3/4	72.57	3/4		
6	6	3455.72	6	3137.39	6	2819.05	6	2500.71	6	2182.38	6	1864.04	6	1545.7	6	1227.37	6	909.03	6	592.22	6	307.43	6	67.95	6		
1/4	1/4	3449.09	1/4	3130.75	1/4	2812.42	1/4	2494.3	1/4	2175.74	1/4	1857.41	1/4	1539.07	1/4	1220.74	1/4	902.40	1/4	585.72	1/4	301.87	1/4	63.34	1/4		
1/2	1/2	3442.46	1/2	3124.12	1/2	2805.78	1/2	2487.45	1/2	2169.11	1/2	1850.78	1/2	1532.44	1/2	1214.1	1/2	895.77	1/2	579.45	1/2	296.55	1/2	58.96	1/2		
3/4	3/4	3435.83	3/4	3117.49	3/4	2799.15	3/4	2480.82	3/4	2162.48	3/4	1844.14	3/4	1525.81	3/4	1207.47	3/4	889.14	3/4	573.19	3/4	291.22	3/4	54.57	3/4		
7	7	3429.19	7	3110.86	7	2792.52	7	2474.18	7	2155.85	7	1837.51	7	1519.18	7	1200.84	7	882.5	7	566.92	7	285.9	7	50.19	7		
1/4	1/4	3422.56	1/4	3104.23	1/4	2785.89	1/4	2467.55	1/4	2149.22	1/4	1830.88	1/4	1512.54	1/4	1194.21	1/4	875.87	1/4	560.66	1/4	280.58	1/4	45.81	1/4		
1/2	1/2	3415.93	1/2	3097.59	1/2	2779.26	1/2	2460.92	1/2	2142.58	1/2	1824.25	1/2	1505.91	1/2	1187.58	1/2	869.24	1/2	554.39	1/2	275.25	1/2	42.08	1/2		
3/4	3/4	3409.3	3/4	3090.96	3/4	2772.62	3/4	2454.29	3/4	2135.95	3/4	1817.62	3/4	1499.28	3/4	1180.94	3/4	862.61	3/4	548.12	3/4	269.93	3/4	38.35	3/4		
8	8	3402.67	8	3084.33	8	2765.99	8	2447.66	8	2129.32	8	1810.98	8	1492.65	8	1174.31	8	855.98	8	541.86	8	264.6	8	34.62	8		
1/4	1/4	3396.03	1/4	3077.7	1/4	2759.36	1/4	2441.02	1/4	2122.69	1/4	1804.35	1/4	1486.02	1/4	1167.68	1/4	849.34	1/4	535.59	1/4	259.28	1/4	30.88	1/4		
1/2	1/2	3389.4	1/2	3071.07	1/2	2752.73	1/2	2434.39	1/2	2116.06	1/2	1797.72	1/2	1479.38	1/2	1161.05	1/2	842.71	1/2	529.33	1/2	253.96	1/2	27.81	1/2		
3/4	3/4	3382.77	3/4	3064.43	3/4	2746.1	3/4	2427.76	3/4	2109.42	3/4	1791.09	3/4	1472.75	3/4	1154.42	3/4	836.08	3/4	523.06	3/4	248.63	3/4	24.73	3/4		
9	3589.97	3589.97	9	3376.14	9	3057.8	9	2739.46	9	2421.13	9	2102.79	9	1784.46	9	1466.12	9	1147.78	9	829.45	9	516.79	9	243.31	9	21.65	9
1/4	3589.19	3589.19	1/4	3369.51	1/4	3051.17	1/4	2732.83	1/4	2414.50	1/4	2096.16	1/4	1777.82	1/4	1459.49	1/4	1141.15	1/4	822.82	1/4	510.53	1/4	237.98	1/4	18.57	1/4
1/2	3588.79	3588.79	1/2	3362.87	1/2	3044.54	1/2	2726.2	1/2	2407.86	1/2	2089.53	1/2	1771.19	1/2	1452.86	1/2	1134.52	1/2	816.18	1/2	504.5	1/2	232.9	1/2	16.39	1/2
3/4	3588.4	3588.4	3/4	3356.24	3/4	3037.91	3/4	2719.57	3/4	2401.23	3/4	2082.9	3/4	1764.56	3/4	1446.22	3/4	1127.89	3/4	809.55	3/4	498.46	3/4	227.81	3/4	14.21	3/4
10	3587.22	3587.22	10	3349.61	10	3031.27	10	2712.94	10	2394.6	10	2076.26	10	1757.93	10	1439.59	10	1121.26	10	802.92	10	492.43	10	222.72	10	*12.03	10
1/4	3586.03	3586.03	1/4	3342.98	1/4	3024.64	1/4	2706.3	1/4	2387.97	1/4	2069.63	1/4	1751.3	1/4	1432.96	1/4	1114.62	1/4	796.29	1/4	486.40	1/4	217.64	1/4		1/4
1/2	3584.85	3584.85	1/2	3336.35	1/2	3018.01	1/2	2699.67	1/2	2381.34	1/2	2063	1/2	1744.66	1/2	1426.33	1/2	1107.99	1/2	789.66	1/2	480.37	1/2	212.55	1/2		1/2
3/4	3583.67	3583.67	3/4	3329.71	3/4	3011.38	3/4	2693.04	3/4	2374.7	3/4	2056.37	3/4	1738.03	3/4	1419.7	3/4	1101.36	3/4	783.02	3/4	474.34	3/4	207.46	3/4		3/4
11	3581.69	3581.69	11	3323.08	11	3004.74	11	2686.41	11	2368.07	11	2049.74	11	1731.4	11	1413.06	11	1094.73	11	776.39	11	468.3	11	202.38	11		11
1/4	3579.72	3579.72	1/4	3316.45	1/4	2998.11	1/4	2679.78	1/4	2361.44	1/4	2043.10	1/4	1724.77	1/4	1406.43	1/4	1088.10	1/4	769.76	1/4	462.27	1/4	197.29	1/4		1/4
1/2	3577.74	3577.74	1/2	3309.82	1/2	2991.48	1/2	2673.14	1/2	2354.81	1/2	2036.47	1/2	1718.14	1/2	1399.8	1/2	1081.46	1/2	763.13	1/2	456.24	1/2	192.2	1/2</		

MAGNOLIA MARINE - BARGE "MM-72"

OUTAGE TABLE

2 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

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		13 FEET			
IN.	IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
<b>0</b>	<b>0</b>	3364.58	<b>0</b>	3107.23	<b>0</b>	2819.13	<b>0</b>	2531.04	<b>0</b>	2242.94	<b>0</b>	1954.85	<b>0</b>	1666.75	<b>0</b>	1378.89	<b>0</b>	1091.04	<b>0</b>	802.94	<b>0</b>	514.86	<b>0</b>	226.75	<b>0</b>			
1/4	1/4	3361.96	1/4	3101.23	1/4	2813.13	1/4	2525.04	1/4	2236.94	1/4	1948.84	1/4	1660.75	1/4	1372.9	1/4	1085.04	1/4	796.94	1/4	508.84	1/4	220.75	1/4	1/4		
1/2	1/2	3359.33	1/2	3095.23	1/2	2807.13	1/2	2519.03	1/2	2230.94	1/2	1942.84	1/2	1654.75	1/2	1366.91	1/2	1079.03	1/2	790.94	1/2	502.84	1/2	214.75	1/2	1/2		
3/4	3/4	3355.95	3/4	3089.22	3/4	2801.13	3/4	2513.03	3/4	2224.94	3/4	1936.84	3/4	1648.74	3/4	1360.92	3/4	1073.03	3/4	784.94	3/4	496.84	3/4	208.74	3/4	3/4		
<b>1</b>	<b>1</b>	3352.58	<b>1</b>	3083.22	<b>1</b>	2795.13	<b>1</b>	2507.03	<b>1</b>	2218.93	<b>1</b>	1930.84	<b>1</b>	1642.74	<b>1</b>	1354.93	<b>1</b>	1067.03	<b>1</b>	778.93	<b>1</b>	490.84	<b>1</b>	202.74	<b>1</b>			
1/4	1/4	3349.2	1/4	3077.22	1/4	2789.12	1/4	2501.03	1/4	2212.93	1/4	1924.84	1/4	1636.74	1/4	1348.93	1/4	1061.03	1/4	772.93	1/4	484.84	1/4	196.80	1/4	1/4		
1/2	1/2	3345.82	1/2	3071.22	1/2	2783.12	1/2	2495.03	1/2	2206.93	1/2	1918.83	1/2	1630.74	1/2	1342.94	1/2	1055.03	1/2	766.93	1/2	478.83	1/2	190.86	1/2	1/2		
3/4	3/4	3341.69	3/4	3065.22	3/4	2777.12	3/4	2489.02	3/4	2200.93	3/4	1912.83	3/4	1624.74	3/4	1336.95	3/4	1049.02	3/4	760.93	3/4	472.83	3/4	184.92	3/4	3/4		
<b>2</b>	<b>2</b>	3337.57	<b>2</b>	3059.21	<b>2</b>	2771.12	<b>2</b>	2483.02	<b>2</b>	2194.93	<b>2</b>	1906.83	<b>2</b>	1618.73	<b>2</b>	1330.96	<b>2</b>	1043.02	<b>2</b>	754.93	<b>2</b>	466.83	<b>2</b>	178.99	<b>2</b>			
1/4	1/4	3333.44	1/4	3053.21	1/4	2765.12	1/4	2477.02	1/4	2188.92	1/4	1900.83	1/4	1612.73	1/4	1324.97	1/4	1037.02	1/4	748.92	1/4	460.83	1/4	173.05	1/4	1/4		
1/2	1/2	3329.31	1/2	3047.21	1/2	2759.11	1/2	2471.02	1/2	2182.92	1/2	1894.83	1/2	1606.99	1/2	1318.97	1/2	1031.02	1/2	742.92	1/2	454.83	1/2	167.11	1/2	1/2		
3/4	3/4	3324.44	3/4	3041.21	3/4	2753.11	3/4	2465.02	3/4	2176.92	3/4	1888.82	3/4	1600.73	3/4	1312.98	3/4	1025.02	3/4	736.92	3/4	448.82	3/4	161.17	3/4	3/4		
<b>3</b>	<b>3</b>	3319.56	<b>3</b>	3035.21	<b>3</b>	2747.11	<b>3</b>	2459.01	<b>3</b>	2170.92	<b>3</b>	1882.82	<b>3</b>	1594.73	<b>3</b>	1306.99	<b>3</b>	1019.01	<b>3</b>	730.92	<b>3</b>	442.82	<b>3</b>	155.23	<b>3</b>			
1/4	1/4	3314.68	1/4	3029.2	1/4	2741.11	1/4	2453.01	1/4	2164.92	1/4	1876.82	1/4	1588.72	1/4	1301	1/4	1013.01	1/4	724.92	1/4	436.82	1/4	149.29	1/4	1/4		
1/2	1/2	3309.81	1/2	3023.2	1/2	2735.11	1/2	2447.01	1/2	2158.91	1/2	1870.82	1/2	1582.72	1/2	1295.01	1/2	1007.01	1/2	718.91	1/2	430.82	1/2	143.35	1/2	1/2		
3/4	3/4	3304.18	3/4	3017.2	3/4	2729.1	3/4	2441.01	3/4	2152.91	3/4	1864.82	3/4	1576.72	3/4	1289.01	3/4	1001.01	3/4	712.91	3/4	424.82	3/4	137.41	3/4	3/4		
<b>4</b>	<b>4</b>	3298.55	<b>4</b>	3011.2	<b>4</b>	2723.1	<b>4</b>	2435.01	<b>4</b>	2146.91	<b>4</b>	1858.81	<b>4</b>	1570.72	<b>4</b>	1283.02	<b>4</b>	995.01	<b>4</b>	706.91	<b>4</b>	418.81	<b>4</b>	131.47	<b>4</b>			
1/4	1/4	3292.92	1/4	3005.2	1/4	2717.1	1/4	2429	1/4	2140.91	1/4	1852.81	1/4	1564.72	1/4	1277.03	1/4	989	1/4	700.91	1/4	412.81	1/4	125.53	1/4	1/4		
1/2	1/2	3287.29	1/2	2999.19	1/2	2711.1	1/2	2423	1/2	2134.91	1/2	1846.81	1/2	1558.71	1/2	1271.04	1/2	983.00	1/2	694.91	1/2	406.81	1/2	119.6	1/2	1/2		
3/4	3/4	3281.29	3/4	2993.19	3/4	2705.1	3/4	2417	3/4	2128.9	3/4	1840.81	3/4	1552.71	3/4	1265.05	3/4	977	3/4	688.9	3/4	400.81	3/4	113.66	3/4	3/4		
<b>5</b>	<b>5</b>	3275.29	<b>5</b>	2987.19	<b>5</b>	2699.09	<b>5</b>	2411	<b>5</b>	2122.9	<b>5</b>	1834.81	<b>5</b>	1546.71	<b>5</b>	1259.05	<b>5</b>	971	<b>5</b>	682.90	<b>5</b>	394.81	<b>5</b>	107.72	<b>5</b>			
1/4	1/4	3269.28	1/4	2981.19	1/4	2693.09	1/4	2405	1/4	2116.9	1/4	1828.8	1/4	1540.71	1/4	1253.06	1/4	965	1/4	676.9	1/4	388.8	1/4	101.78	1/4	1/4		
1/2	1/2	3263.28	1/2	2975.19	1/2	2687.09	1/2	2398.99	1/2	2110.9	1/2	1822.8	1/2	1534.71	1/2	1247.07	1/2	958.99	1/2	670.9	1/2	382.8	1/2	95.84	1/2	1/2		
3/4	3/4	3257.28	3/4	2969.18	3/4	2681.09	3/4	2392.99	3/4	2104.9	3/4	1816.8	3/4	1528.7	3/4	1241.08	3/4	952.99	3/4	664.9	3/4	376.8	3/4	89.9	3/4	3/4		
<b>6</b>	<b>6</b>	3251.28	<b>6</b>	2963.18	<b>6</b>	2675.09	<b>6</b>	2386.99	<b>6</b>	2098.89	<b>6</b>	1810.8	<b>6</b>	1522.7	<b>6</b>	1235.09	<b>6</b>	946.99	<b>6</b>	658.89	<b>6</b>	370.80	<b>6</b>	83.96	<b>6</b>			
1/4	1/4	3245.28	1/4	2957.18	1/4	2669.08	1/4	2380.99	1/4	2092.89	1/4	1804.8	1/4	1516.71	1/4	1229.08	1/4	940.99	1/4	652.89	1/4	364.8	1/4	78.02	1/4	1/4		
1/2	1/2	3239.27	1/2	2951.18	1/2	2663.08	1/2	2374.99	1/2	2086.89	1/2	1798.79	1/2	1510.72	1/2	1223.08	1/2	934.99	1/2	646.89	1/2	358.79	1/2	72.08	1/2	1/2		
3/4	3/4	3233.27	3/4	2945.18	3/4	2657.08	3/4	2368.98	3/4	2080.89	3/4	1792.79	3/4	1504.73	3/4	1217.08	3/4	928.98	3/4	640.89	3/4	352.79	3/4	66.14	3/4	3/4		
<b>7</b>	<b>7</b>	3227.27	<b>7</b>	2939.17	<b>7</b>	2651.08	<b>7</b>	2362.98	<b>7</b>	2074.89	<b>7</b>	1786.79	<b>7</b>	1498.73	<b>7</b>	1211.08	<b>7</b>	922.98	<b>7</b>	634.89	<b>7</b>	346.79	<b>7</b>	60.21	<b>7</b>			
1/4	1/4	3221.27	1/4	2933.17	1/4	2645.08	1/4	2356.98	1/4	2068.88	1/4	1780.79	1/4	1492.74	1/4	1205.08	1/4	916.98	1/4	628.88	1/4	340.79	1/4	54.87	1/4	1/4		
1/2	1/2	3215.27	1/2	2927.17	1/2	2639.07	1/2	2350.98	1/2	2062.88	1/2	1774.79	1/2	1486.75	1/2	1199.07	1/2	910.98	1/2	622.88	1/2	334.79	1/2	49.53	1/2	1/2		
3/4	3/4	3209.26	3/4	2921.17	3/4	2633.07	3/4	2344.98	3/4	2056.88	3/4	1768.78	3/4	1480.76	3/4	1193.07	3/4	904.98	3/4	616.88	3/4	328.78	3/4	44.19	3/4	3/4		
<b>8</b>	<b>8</b>	3203.26	<b>8</b>	2915.17	<b>8</b>	2627.07	<b>8</b>	2338.97	<b>8</b>	2050.88	<b>8</b>	1762.78	<b>8</b>	1474.77	<b>8</b>	1187.07	<b>8</b>	898.97	<b>8</b>	610.88	<b>8</b>	322.78	<b>8</b>	38.85	<b>8</b>			
1/4	1/4	3197.26	1/4	2909.16	1/4	2621.07	1/4	2332.97	1/4	2044.88	1/4	1756.78	1/4	1468.77	1/4	1181.07	1/4	892.97	1/4	604.88	1/4	316.78	1/4	34.65	1/4	1/4		
1/2	1/2	3383.35	1/2	3191.26	1/2	2903.16	1/2	2615.07	1/2	2326.97	1/2	2038.87	1/2	1750.78	1/2	1175.07	1/2	886.97	1/2	598.87	1/2	310.78	1/2	30.45	1/2	1/2		
3/4	3/4	3382.97	3/4	3185.26	3/4	2897.16	3/4	2609.06	3/4	2320.97	3/4	2032.87	3/4	1744.78	3/4	1169.06	3/4	880.97	3/4	592.87	3/4	304.78	3/4	26.25	3/4	3/4		
<b>9</b>	<b>9</b>	3382.6	<b>9</b>	3179.25	<b>9</b>	2891.16	<b>9</b>	2603.06	<b>9</b>	2314.97	<b>9</b>	2026.87	<b>9</b>	1738.77	<b>9</b>	1163.06	<b>9</b>	874.97	<b>9</b>	586.87	<b>9</b>	298.77	<b>9</b>	22.05	<b>9</b>			
1/4	1/4	3382.22	1/4	3173.25	1/4	2885.16	1/4	2597.06	1/4	2308.96	1/4	2020.87	1/4	1732.77	1/4	1157.06	1/4	868.96	1/4	580.87	1/4	292.77	1/4		1/4			
1/2	1/2	3381.85	1/2	3167.25	1/2	2879.15	1/2	2591.06																				

**MAGNOLIA MARINE - BARGE "MM-72"**

**OUTAGE TABLE**

**2 STAR**

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

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	13 FEET
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.
<b>0</b>	<b>0</b> 3367.21	<b>0</b> 3113.23	<b>0</b> 2825.14	<b>0</b> 2537.04	<b>0</b> 2248.94	<b>0</b> 1960.85	<b>0</b> 1672.75	<b>0</b> 1384.89	<b>0</b> 1097.04	<b>0</b> 808.94	<b>0</b> 520.85	<b>0</b> 232.75	<b>0</b>
1/4	1/4 3364.58	1/4 3107.23	1/4 2819.13	1/4 2531.04	1/4 2242.94	1/4 1954.85	1/4 1666.75	1/4 1378.89	1/4 1091.04	1/4 802.94	1/4 514.85	1/4 226.75	1/4
1/2	1/2 3361.96	1/2 3101.23	1/2 2813.13	1/2 2525.04	1/2 2236.94	1/2 1948.84	1/2 1660.75	1/2 1372.9	1/2 1085.04	1/2 796.94	1/2 508.84	1/2 220.75	1/2
3/4	3/4 3359.33	3/4 3095.23	3/4 2807.13	3/4 2519.03	3/4 2230.94	3/4 1942.84	3/4 1654.75	3/4 1366.91	3/4 1079.03	3/4 790.94	3/4 502.84	3/4 214.75	3/4
<b>1</b>	<b>1</b> 3355.95	<b>1</b> 3089.22	<b>1</b> 2801.13	<b>1</b> 2513.03	<b>1</b> 2224.94	<b>1</b> 1936.84	<b>1</b> 1648.74	<b>1</b> 1360.92	<b>1</b> 1073.03	<b>1</b> 784.94	<b>1</b> 496.84	<b>1</b> 208.74	<b>1</b>
1/4	1/4 3352.58	1/4 3083.22	1/4 2795.13	1/4 2507.03	1/4 2218.93	1/4 1930.85	1/4 1642.74	1/4 1354.93	1/4 1067.03	1/4 778.93	1/4 490.84	1/4 202.74	1/4
1/2	1/2 3349.2	1/2 3077.22	1/2 2789.12	1/2 2501.03	1/2 2212.93	1/2 1924.84	1/2 1636.74	1/2 1348.93	1/2 1061.03	1/2 772.93	1/2 484.84	1/2 196.8	1/2
3/4	3/4 3345.82	3/4 3071.22	3/4 2783.12	3/4 2495.03	3/4 2206.93	3/4 1918.83	3/4 1630.74	3/4 1342.94	3/4 1055.03	3/4 766.93	3/4 478.83	3/4 190.86	3/4
<b>2</b>	<b>2</b> 3341.69	<b>2</b> 3065.22	<b>2</b> 2777.12	<b>2</b> 2489.02	<b>2</b> 2200.93	<b>2</b> 1912.83	<b>2</b> 1624.74	<b>2</b> 1336.95	<b>2</b> 1049.02	<b>2</b> 760.93	<b>2</b> 472.83	<b>2</b> 184.92	<b>2</b>
1/4	1/4 3337.57	1/4 3059.21	1/4 2771.12	1/4 2483.02	1/4 2194.93	1/4 1906.83	1/4 1618.73	1/4 1330.96	1/4 1043.02	1/4 754.93	1/4 466.83	1/4 178.99	1/4
1/2	1/2 3333.44	1/2 3053.21	1/2 2765.12	1/2 2477.02	1/2 2188.92	1/2 1900.83	1/2 1612.73	1/2 1324.97	1/2 1037.02	1/2 748.92	1/2 460.83	1/2 173.05	1/2
3/4	3/4 3329.31	3/4 3047.21	3/4 2759.11	3/4 2471.02	3/4 2182.92	3/4 1894.83	3/4 1606.73	3/4 1318.97	3/4 1031.02	3/4 742.92	3/4 454.83	3/4 167.11	3/4
<b>3</b>	<b>3</b> 3324.44	<b>3</b> 3041.21	<b>3</b> 2753.11	<b>3</b> 2465.02	<b>3</b> 2176.92	<b>3</b> 1888.82	<b>3</b> 1600.73	<b>3</b> 1312.98	<b>3</b> 1025.02	<b>3</b> 736.92	<b>3</b> 448.82	<b>3</b> 161.17	<b>3</b>
1/4	1/4 3319.56	1/4 3035.21	1/4 2747.11	1/4 2459.01	1/4 2170.92	1/4 1882.82	1/4 1594.73	1/4 1306.99	1/4 1019.01	1/4 730.92	1/4 442.82	1/4 155.23	1/4
1/2	1/2 3314.68	1/2 3029.2	1/2 2741.11	1/2 2453.01	1/2 2164.92	1/2 1876.82	1/2 1588.72	1/2 1301	1/2 1013.01	1/2 724.92	1/2 436.82	1/2 149.29	1/2
3/4	3/4 3309.81	3/4 3023.2	3/4 2735.11	3/4 2447.01	3/4 2158.91	3/4 1870.82	3/4 1582.72	3/4 1295.01	3/4 1007.01	3/4 718.91	3/4 430.82	3/4 143.35	3/4
<b>4</b>	<b>4</b> 3304.18	<b>4</b> 3017.2	<b>4</b> 2729.1	<b>4</b> 2441.01	<b>4</b> 2152.91	<b>4</b> 1864.82	<b>4</b> 1576.72	<b>4</b> 1289.01	<b>4</b> 1001.01	<b>4</b> 712.91	<b>4</b> 424.82	<b>4</b> 137.41	<b>4</b>
1/4	1/4 3298.55	1/4 3011.2	1/4 2723.1	1/4 2435.01	1/4 2146.91	1/4 1858.81	1/4 1570.72	1/4 1283.02	1/4 995.01	1/4 706.91	1/4 418.81	1/4 131.47	1/4
1/2	1/2 3292.92	1/2 3005.2	1/2 2717.1	1/2 2429	1/2 2140.91	1/2 1852.81	1/2 1564.72	1/2 1277.03	1/2 989	1/2 700.91	1/2 412.81	1/2 125.53	1/2
3/4	3/4 3287.29	3/4 2999.19	3/4 2711.1	3/4 2423	3/4 2134.91	3/4 1846.81	3/4 1558.71	3/4 1271.04	3/4 983	3/4 694.91	3/4 406.81	3/4 119.6	3/4
<b>5</b>	<b>5</b> 3281.29	<b>5</b> 2993.19	<b>5</b> 2705.1	<b>5</b> 2417	<b>5</b> 2128.9	<b>5</b> 1840.81	<b>5</b> 1552.71	<b>5</b> 1265.05	<b>5</b> 977.00	<b>5</b> 688.9	<b>5</b> 400.81	<b>5</b> 113.66	<b>5</b>
1/4	1/4 3275.29	1/4 2987.19	1/4 2699.09	1/4 2411	1/4 2122.9	1/4 1834.81	1/4 1546.71	1/4 1259.05	1/4 971	1/4 682.9	1/4 394.81	1/4 107.72	1/4
1/2	1/2 3269.28	1/2 2981.19	1/2 2693.09	1/2 2405	1/2 2116.9	1/2 1828.8	1/2 1540.71	1/2 1253.06	1/2 965	1/2 676.90	1/2 388.8	1/2 101.78	1/2
3/4	3/4 3263.28	3/4 2975.19	3/4 2687.09	3/4 2398.99	3/4 2110.9	3/4 1822.8	3/4 1534.71	3/4 1247.07	3/4 958.99	3/4 670.9	3/4 382.8	3/4 95.84	3/4
<b>6</b>	<b>6</b> 3257.28	<b>6</b> 2969.18	<b>6</b> 2681.09	<b>6</b> 2392.99	<b>6</b> 2104.9	<b>6</b> 1816.8	<b>6</b> 1528.7	<b>6</b> 1241.08	<b>6</b> 952.99	<b>6</b> 664.9	<b>6</b> 376.80	<b>6</b> 89.9	<b>6</b>
1/4	1/4 3251.28	1/4 2963.18	1/4 2675.09	1/4 2386.99	1/4 2098.89	1/4 1810.8	1/4 1522.7	1/4 1235.09	1/4 946.99	1/4 658.89	1/4 370.8	1/4 83.96	1/4
1/2	1/2 3245.28	1/2 2957.18	1/2 2669.09	1/2 2380.99	1/2 2092.89	1/2 1804.8	1/2 1516.71	1/2 1229.08	1/2 940.99	1/2 652.89	1/2 364.8	1/2 78.02	1/2
3/4	3/4 3239.27	3/4 2951.18	3/4 2663.08	3/4 2374.99	3/4 2086.89	3/4 1798.79	3/4 1510.72	3/4 1223.08	3/4 934.99	3/4 646.89	3/4 358.79	3/4 72.08	3/4
<b>7</b>	<b>7</b> 3233.27	<b>7</b> 2945.18	<b>7</b> 2657.08	<b>7</b> 2368.98	<b>7</b> 2080.89	<b>7</b> 1792.79	<b>7</b> 1504.73	<b>7</b> 1217.08	<b>7</b> 928.98	<b>7</b> 640.89	<b>7</b> 352.79	<b>7</b> 66.14	<b>7</b>
1/4	1/4 3227.27	1/4 2939.17	1/4 2651.08	1/4 2362.98	1/4 2074.89	1/4 1786.79	1/4 1498.73	1/4 1211.08	1/4 922.98	1/4 634.89	1/4 346.79	1/4 60.21	1/4
1/2	1/2 3221.27	1/2 2933.17	1/2 2645.08	1/2 2356.98	1/2 2068.88	1/2 1780.79	1/2 1492.74	1/2 1205.08	1/2 916.98	1/2 628.88	1/2 340.79	1/2 54.87	1/2
3/4	3/4 3215.27	3/4 2927.17	3/4 2639.07	3/4 2350.98	3/4 2062.88	3/4 1774.79	3/4 1486.75	3/4 1199.07	3/4 910.98	3/4 622.88	3/4 334.79	3/4 49.53	3/4
<b>8</b>	<b>8</b> 3209.26	<b>8</b> 2921.17	<b>8</b> 2633.07	<b>8</b> 2344.98	<b>8</b> 2056.88	<b>8</b> 1768.78	<b>8</b> 1480.76	<b>8</b> 1193.07	<b>8</b> 904.98	<b>8</b> 616.88	<b>8</b> 328.78	<b>8</b> 44.19	<b>8</b>
1/4	1/4 3203.26	1/4 2915.17	1/4 2627.07	1/4 2338.97	1/4 2050.88	1/4 1762.78	1/4 1474.77	1/4 1187.07	1/4 898.97	1/4 610.88	1/4 322.78	1/4 38.85	1/4
1/2	1/2 3197.26	1/2 2909.16	1/2 2621.07	1/2 2332.97	1/2 2044.88	1/2 1756.78	1/2 1468.77	1/2 1181.07	1/2 892.97	1/2 604.88	1/2 316.78	1/2 34.65	1/2
3/4	3/4 3191.26	3/4 2903.16	3/4 2615.07	3/4 2326.97	3/4 2038.87	3/4 1750.78	3/4 1462.78	3/4 1175.07	3/4 886.97	3/4 598.87	3/4 310.78	3/4 30.45	3/4
<b>9</b>	<b>9</b> 3382.97	<b>9</b> 3185.26	<b>9</b> 2897.16	<b>9</b> 2609.06	<b>9</b> 2320.97	<b>9</b> 2032.87	<b>9</b> 1744.78	<b>9</b> 1456.79	<b>9</b> 1169.06	<b>9</b> 880.97	<b>9</b> 592.87	<b>9</b> 304.78	<b>9</b>
1/4	1/4 3382.6	1/4 3179.25	1/4 2891.16	1/4 2603.06	1/4 2314.97	1/4 2026.87	1/4 1738.77	1/4 1450.8	1/4 1163.06	1/4 874.97	1/4 586.87	1/4 298.77	1/4
1/2	1/2 3382.6	1/2 3173.25	1/2 2885.16	1/2 2597.06	1/2 2308.96	1/2 2020.87	1/2 1732.77	1/2 1444.81	1/2 1157.06	1/2 868.96	1/2 580.87	1/2 292.77	1/2
3/4	3/4 3382.22	3/4 3167.25	3/4 2879.15	3/4 2591.06	3/4 2302.96	3/4 2014.87	3/4 1726.77	3/4 1438.81	3/4 1151.06	3/4 862.96	3/4 574.87	3/4 286.77	3/4
<b>10</b>	<b>10</b> 3380.72	<b>10</b> 3161.25	<b>10</b> 2873.15	<b>10</b> 2585.06	<b>10</b> 2296.96	<b>10</b> 2008.86	<b>10</b> 1720.77	<b>10</b> 1432.82	<b>10</b> 1145.06	<b>10</b> 856.96	<b>10</b> 568.86	<b>10</b> 280.77	<b>10</b>
1/4	1/4 3379.59	1/4 3155.25	1/4 2867.15	1/4 2579.05	1/4 2290.96	1/4 2002.86	1/4 1714.77	1/4 1426.83	1/4 1139.05	1/4 850.96	1/4 562.86	1/4 274.77	1/4
1/2	1/2 3378.47	1/2 3149.24	1/2 2861.15	1/2 2573.05	1/2 2284.96	1/2 1996.86	1/2 1708.76	1/2 1420.84	1/2 1133.05	1/2 844.96	1/2 556.86	1/2 268.76	1/2
3/4	3/4 3377.34	3/4 3143.24	3/4 2855.15	3/4 2567.05	3/4 2278.95	3/4 1990.86	3/4 1702.76	3/4 1414.85	3/4 1127.05	3/4 838.95	3/4 550.86	3/4 262.76	3/4
<b>11</b>	<b>11</b> 3375.47	<b>11</b> 3137.24	<b>11</b> 2849.14	<b>11</b> 2561.05	<b>11</b> 2272.95	<b>11</b> 1984.86	<b>11</b> 1696.76	<b>11</b> 1408.85	<b>11</b> 1121.05	<b>11</b> 832.95	<b>11</b> 544.86	<b>11</b> 256.76	<b>11</b>
1/4	1/4 3373.59	1/4 3131.24	1/4 2843.14	1/4 2555.05	1/4 2266.95	1/4 1978.85	1/4 1690.76	1/4 1402.86	1/4 1115.05	1/4 826.95	1/4 538.85	1/4 250.76	1/4
1/2	1/2 3371.71	1/2 3125.24	1/2 2837.14	1/2 2549.04	1/2 2260.95	1/2 1972.85	1/2 1684.76	1/2 1396.87	1/2 1109.04	1/2 820.95	1/2 532.85	1/2 244.76	1/2
3/4	3/4 3369.84	3/4 3119.23	3/4 2831.14	3/4 2543.04	3/4 2254.95	3/4 1966.85	3/4 1678.75	3/4 1390.88	3/4 1103.04	3/4 814.95	3/4 526.85	3/4 238.75	3/4

CAPACITY IN: 42-GALLON BARRELS GAUGE HEIGHT: 12'-9 1/2" (RIM OF 8" DIA. HATCH LOCATED NEAR CENTER OF TANK)

\*CAPACITY BELOW STRIKE POINT

MAGNOLIA MARINE - BARGE "MM-72"

OUTAGE TABLE

3 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

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	13 FEET													
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.													
0	0	3344.64	0	3088.83	0	2802.46	0	2516.09	0	2229.73	0	1943.36	0	1656.99	0	1370.84	0	1084.66	0	798.25	0	511.83	0	225.41	0	
1/4	1/4	3342.02	1/4	3082.86	1/4	2796.5	1/4	2510.13	1/4	2223.76	1/4	1937.39	1/4	1651.02	1/4	1364.88	1/4	1078.69	1/4	792.28	1/4	505.86	1/4	219.45	1/4	
1/2	1/2	3339.41	1/2	3076.90	1/2	2790.53	1/2	2504.16	1/2	2217.79	1/2	1931.43	1/2	1645.06	1/2	1358.92	1/2	1072.73	1/2	786.31	1/2	499.9	1/2	213.48	1/2	
3/4	3/4	3336.06	3/4	3070.93	3/4	2784.56	3/4	2498.2	3/4	2211.83	3/4	1925.46	3/4	1639.09	3/4	1352.97	3/4	1066.76	3/4	780.34	3/4	493.93	3/4	207.51	3/4	
1	1	3332.7	1	3064.97	1	2778.6	1	2492.23	1	2205.86	1	1919.49	1	1633.13	1	1347.01	1	1060.79	1	774.38	1	487.96	1	201.55	1	
1/4	1/4	3329.34	1/4	3059	1/4	2772.63	1/4	2486.26	1/4	2199.9	1/4	1913.53	1/4	1627.16	1/4	1341.05	1/4	1054.83	1/4	768.41	1/4	481.99	1/4	195.64	1/4	
1/2	1/2	3325.99	1/2	3053.03	1/2	2766.67	1/2	2480.30	1/2	2193.93	1/2	1907.56	1/2	1621.19	1/2	1335.1	1/2	1048.86	1/2	762.44	1/2	476.03	1/2	189.74	1/2	
3/4	3/4	3321.88	3/4	3047.07	3/4	2760.7	3/4	2474.33	3/4	2187.96	3/4	1901.6	3/4	1615.23	3/4	1329.14	3/4	1042.89	3/4	756.48	3/4	470.06	3/4	183.83	3/4	
2	2	3317.78	2	3041.1	2	2754.73	2	2468.37	2	2182	2	1895.63	2	1609.26	2	1323.18	2	1036.93	2	750.51	2	464.09	2	177.93	2	
1/4	1/4	3313.68	1/4	3035.14	1/4	2748.77	1/4	2462.4	1/4	2176.03	1/4	1889.66	1/4	1603.3	1/4	1317.22	1/4	1030.96	1/4	744.54	1/4	458.13	1/4	172.03	1/4	
1/2	1/2	3309.58	1/2	3029.17	1/2	2742.8	1/2	2456.43	1/2	2170.07	1/2	1883.70	1/2	1597.33	1/2	1311.27	1/2	1024.99	1/2	738.58	1/2	452.16	1/2	166.12	1/2	
3/4	3/4	3304.73	3/4	3023.2	3/4	2736.84	3/4	2450.47	3/4	2164.1	3/4	1877.73	3/4	1591.36	3/4	1305.31	3/4	1019.02	3/4	732.61	3/4	446.19	3/4	160.22	3/4	
3	3	3299.88	3	3017.24	3	2730.87	3	2444.5	3	2158.13	3	1871.77	3	1585.4	3	1299.35	3	1013.06	3	726.64	3	440.23	3	154.31	3	
1/4	1/4	3295.04	1/4	3011.27	1/4	2727.9	1/4	2438.54	1/4	2152.17	1/4	1865.8	1/4	1579.43	1/4	1293.4	1/4	1007.09	1/4	720.67	1/4	434.26	1/4	148.41	1/4	
1/2	1/2	3290.19	1/2	3005.31	1/2	2718.94	1/2	2432.57	1/2	2146.2	1/2	1859.83	1/2	1573.47	1/2	1287.44	1/2	1001.12	1/2	714.71	1/2	428.29	1/2	142.51	1/2	
3/4	3/4	3284.59	3/4	2999.34	3/4	2712.97	3/4	2426.6	3/4	2140.24	3/4	1853.87	3/4	1567.5	3/4	1281.48	3/4	995.16	3/4	708.74	3/4	422.32	3/4	136.6	3/4	
4	4	3279	4	2993.37	4	2707.01	4	2420.64	4	2134.27	4	1847.9	4	1561.53	4	1275.53	4	989.19	4	702.77	4	416.63	4	130.7	4	
1/4	1/4	3273.4	1/4	2987.41	1/4	2701.04	1/4	2414.67	1/4	2128.3	1/4	1841.94	1/4	1555.57	1/4	1269.57	1/4	983.22	1/4	696.81	1/4	410.39	1/4	124.79	1/4	
1/2	1/2	3267.81	1/2	2981.44	1/2	2695.07	1/2	2408.71	1/2	2122.34	1/2	1835.97	1/2	1549.6	1/2	1263.61	1/2	977.26	1/2	690.84	1/2	404.42	1/2	118.89	1/2	
3/4	3/4	3261.84	3/4	2975.48	3/4	2689.11	3/4	2402.74	3/4	2116.37	3/4	1830	3/4	1543.64	3/4	1257.65	3/4	971.29	3/4	684.87	3/4	398.46	3/4	112.99	3/4	
5	5	3255.88	5	2969.51	5	2683.14	5	2396.77	5	2110.41	5	1824.04	5	1537.67	5	1251.7	5	965.32	5	678.91	5	392.49	5	107.08	5	
1/4	1/4	3249.91	1/4	2963.54	1/4	2677.18	1/4	2390.81	1/4	2104.44	1/4	1818.07	1/4	1531.7	1/4	1245.74	1/4	959.35	1/4	672.94	1/4	386.52	1/4	101.18	1/4	
1/2	1/2	3243.95	1/2	2957.58	1/2	2671.21	1/2	2384.84	1/2	2098.47	1/2	1812.11	1/2	1525.74	1/2	1239.78	1/2	953.39	1/2	666.97	1/2	380.56	1/2	95.27	1/2	
3/4	3/4	3237.98	3/4	2951.61	3/4	2665.24	3/4	2378.88	3/4	2092.51	3/4	1806.14	3/4	1519.77	3/4	1233.83	3/4	947.42	3/4	661	3/4	374.59	3/4	89.37	3/4	
6	6	3232.01	6	2945.65	6	2659.28	6	2372.91	6	2086.54	6	1800.17	6	1513.81	6	1227.87	6	941.45	6	655.04	6	368.62	6	83.47	6	
1/4	1/4	3226.05	1/4	2939.68	1/4	2653.31	1/4	2366.94	1/4	2080.58	1/4	1794.21	1/4	1507.85	1/4	1221.9	1/4	935.49	1/4	649.07	1/4	362.49	1/4	77.56	1/4	
1/2	1/2	3220.08	1/2	2933.71	1/2	2647.35	1/2	2360.98	1/2	2074.61	1/2	1788.24	1/2	1501.89	1/2	1215.94	1/2	929.52	1/2	643.1	1/2	356.69	1/2	71.66	1/2	
3/4	3/4	3214.12	3/4	2927.75	3/4	2641.38	3/4	2355.01	3/4	2068.64	3/4	1782.28	3/4	1495.93	3/4	1209.97	3/4	923.55	3/4	637.14	3/4	350.72	3/4	65.75	3/4	
7	7	3208.15	7	2921.78	7	2635.41	7	2349.05	7	2062.68	7	1776.31	7	1489.98	7	1204	7	917.59	7	631.17	7	344.75	7	59.85	7	
1/4	1/4	3202.18	1/4	2915.82	1/4	2629.45	1/4	2343.08	1/4	2056.71	1/4	1770.34	1/4	1484.02	1/4	1198.03	1/4	911.62	1/4	625.2	1/4	338.79	1/4	54.54	1/4	
1/2	1/2	3196.22	1/2	2909.85	1/2	2623.48	1/2	2337.11	1/2	2050.75	1/2	1764.38	1/2	1478.06	1/2	1192.07	1/2	905.65	1/2	619.24	1/2	332.82	1/2	49.24	1/2	
3/4	3/4	3190.25	3/4	2903.88	3/4	2617.52	3/4	2331.15	3/4	2044.78	3/4	1758.41	3/4	1472.11	3/4	1186.1	3/4	899.68	3/4	613.27	3/4	326.85	3/4	43.93	3/4	
8	8	3184.29	8	2897.92	8	2611.55	8	2325.18	8	2038.81	8	1752.45	8	1466.15	8	1180.13	8	893.72	8	607.3	8	320.89	8	38.62	8	
1/4	1/4	3178.32	1/4	2891.95	1/4	2605.58	1/4	2319.22	1/4	2032.85	1/4	1746.48	1/4	1460.19	1/4	1174.17	1/4	887.75	1/4	601.33	1/4	314.92	1/4	34.45	1/4	
1/2	1/2	3172.35	1/2	2885.99	1/2	2599.62	1/2	2313.25	1/2	2026.88	1/2	1740.51	1/2	1454.24	1/2	1168.2	1/2	881.78	1/2	595.37	1/2	308.95	1/2		1/2	
3/4	3/4	3166.39	3/4	2880.02	3/4	2593.65	3/4	2307.28	3/4	2020.92	3/4	1734.55	3/4	1448.28	3/4	1162.23	3/4	875.82	3/4	589.4	3/4	302.98	3/4		3/4	
9	3362.53	9	3160.42	9	2874.05	9	2587.69	9	2301.32	9	2014.95	9	1728.58	9	1442.32	9	1156.27	9	869.85	9	583.43	9	297.02	9		9
1/4	3362.16	1/4	3154.46	1/4	2868.09	1/4	2581.72	1/4	2295.35	1/4	2008.98	1/4	1722.62	1/4	1436.36	1/4	1150.30	1/4	863.88	1/4	577.47	1/4	291.05	1/4		1/4
1/2	3361.79	1/2	3148.49	1/2	2862.12	1/2	2575.75	1/2	2289.39	1/2	2003.02	1/2	1716.65	1/2	1430.41	1/2	1144.33	1/2	857.92	1/2	571.5	1/2	285.08	1/2		1/2
3/4	3360.67	3/4	3142.52	3/4	2856.16	3/4	2569.79	3/4	2283.42	3/4	1997.05	3/4	1710.68	3/4	1424.45	3/4	1138.36	3/4	851.95	3/4	565.53	3/4	279.12	3/4		3/4
10	3359.55	10	3136.56	10	2850.19	10	2563.82	10	2277.45	10	1991.09	10	1704.72	10	1418.49	10	1132.4	10	845.98	10	559.57	10	273.15	10		10
1/4	3358.43	1/4	3130.59	1/4	2844.22	1/4	2557.86	1/4	2271.49	1/4	1985.12	1/4	1698.75	1/4	1412.54	1/4	1126.43	1/4	840.01	1/4	553.6	1/4	267.18	1/4		1/4
1/2	3357.31	1/2	3124.63	1/2	2838.26	1/2	2551.89	1/2	2265.52	1/2	1979.15	1/2	1692.79	1/2	1406.58	1/2	1120.46	1/2	834.05	1/2	547.63	1/2	261.22	1/2		

MAGNOLIA MARINE - BARGE "MM-72"

OUTAGE TABLE

3 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

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	13 FEET
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.
<b>0</b>	<b>0</b> 3344.64	<b>0</b> 3088.83	<b>0</b> 2802.46	<b>0</b> 2516.09	<b>0</b> 2229.73	<b>0</b> 1943.36	<b>0</b> 1656.99	<b>0</b> 1370.84	<b>0</b> 1084.66	<b>0</b> 798.25	<b>0</b> 511.83	<b>0</b> 225.41	<b>0</b>
1/4	1/4 3342.02	1/4 3082.86	1/4 2796.5	1/4 2510.13	1/4 2223.76	1/4 1937.39	1/4 1651.02	1/4 1364.88	1/4 1078.69	1/4 792.28	1/4 505.86	1/4 219.45	1/4
1/2	1/2 3339.41	1/2 3076.9	1/2 2790.53	1/2 2504.16	1/2 2217.79	1/2 1931.43	1/2 1645.06	1/2 1358.92	1/2 1072.73	1/2 786.31	1/2 499.9	1/2 213.48	1/2
3/4	3/4 3336.06	3/4 3070.93	3/4 2784.56	3/4 2498.2	3/4 2211.83	3/4 1925.46	3/4 1639.09	3/4 1352.97	3/4 1066.76	3/4 780.34	3/4 493.93	3/4 207.51	3/4
<b>1</b>	<b>1</b> 3332.7	<b>1</b> 3064.97	<b>1</b> 2778.6	<b>1</b> 2492.23	<b>1</b> 2205.86	<b>1</b> 1919.49	<b>1</b> 1633.13	<b>1</b> 1347.01	<b>1</b> 1060.79	<b>1</b> 774.38	<b>1</b> 487.96	<b>1</b> 201.55	<b>1</b>
1/4	1/4 3329.34	1/4 3059	1/4 2772.63	1/4 2486.26	1/4 2199.9	1/4 1913.53	1/4 1627.16	1/4 1341.05	1/4 1054.83	1/4 768.41	1/4 481.99	1/4 195.64	1/4
1/2	1/2 3325.99	1/2 3053.03	1/2 2766.67	1/2 2480.3	1/2 2193.93	1/2 1907.56	1/2 1621.19	1/2 1335.1	1/2 1048.86	1/2 762.44	1/2 476.03	1/2 189.74	1/2
3/4	3/4 3321.88	3/4 3047.07	3/4 2760.7	3/4 2474.33	3/4 2187.96	3/4 1901.6	3/4 1615.23	3/4 1329.14	3/4 1042.89	3/4 756.48	3/4 470.06	3/4 183.83	3/4
<b>2</b>	<b>2</b> 3317.78	<b>2</b> 3041.1	<b>2</b> 2754.73	<b>2</b> 2468.37	<b>2</b> 2182	<b>2</b> 1895.63	<b>2</b> 1609.26	<b>2</b> 1323.18	<b>2</b> 1036.93	<b>2</b> 750.51	<b>2</b> 464.09	<b>2</b> 177.93	<b>2</b>
1/4	1/4 3313.68	1/4 3035.14	1/4 2748.77	1/4 2462.4	1/4 2176.03	1/4 1889.66	1/4 1603.3	1/4 1317.22	1/4 1030.96	1/4 744.54	1/4 458.13	1/4 172.03	1/4
1/2	1/2 3309.58	1/2 3029.17	1/2 2742.8	1/2 2456.43	1/2 2170.07	1/2 1883.7	1/2 1597.33	1/2 1311.27	1/2 1024.99	1/2 738.58	1/2 452.16	1/2 166.12	1/2
3/4	3/4 3304.73	3/4 3023.2	3/4 2736.84	3/4 2450.47	3/4 2164.1	3/4 1877.73	3/4 1591.36	3/4 1305.31	3/4 1019.02	3/4 732.61	3/4 446.19	3/4 160.22	3/4
<b>3</b>	<b>3</b> 3299.88	<b>3</b> 3017.24	<b>3</b> 2730.87	<b>3</b> 2444.5	<b>3</b> 2158.13	<b>3</b> 1871.77	<b>3</b> 1585.4	<b>3</b> 1299.35	<b>3</b> 1013.06	<b>3</b> 726.64	<b>3</b> 440.23	<b>3</b> 154.31	<b>3</b>
1/4	1/4 3295.04	1/4 3011.27	1/4 2724.9	1/4 2438.54	1/4 2152.17	1/4 1865.8	1/4 1579.43	1/4 1293.4	1/4 1007.09	1/4 720.67	1/4 434.26	1/4 148.41	1/4
1/2	1/2 3290.19	1/2 3005.31	1/2 2718.94	1/2 2432.57	1/2 2146.2	1/2 1859.83	1/2 1573.47	1/2 1287.44	1/2 1001.12	1/2 714.71	1/2 428.29	1/2 142.51	1/2
3/4	3/4 3284.59	3/4 2999.34	3/4 2712.97	3/4 2426.6	3/4 2140.24	3/4 1853.87	3/4 1567.5	3/4 1281.48	3/4 995.16	3/4 708.74	3/4 422.32	3/4 136.6	3/4
<b>4</b>	<b>4</b> 3279	<b>4</b> 2993.37	<b>4</b> 2707.01	<b>4</b> 2420.64	<b>4</b> 2134.27	<b>4</b> 1847.9	<b>4</b> 1561.53	<b>4</b> 1275.53	<b>4</b> 989.19	<b>4</b> 702.77	<b>4</b> 416.36	<b>4</b> 130.7	<b>4</b>
1/4	1/4 3273.4	1/4 2987.41	1/4 2701.04	1/4 2414.67	1/4 2128.3	1/4 1841.94	1/4 1555.57	1/4 1269.57	1/4 983.22	1/4 696.81	1/4 410.39	1/4 124.79	1/4
1/2	1/2 3267.81	1/2 2981.44	1/2 2695.07	1/2 2408.71	1/2 2122.34	1/2 1835.97	1/2 1549.6	1/2 1263.61	1/2 977.26	1/2 690.84	1/2 404.42	1/2 118.89	1/2
3/4	3/4 3261.84	3/4 2975.48	3/4 2689.11	3/4 2402.74	3/4 2116.37	3/4 1830	3/4 1543.64	3/4 1257.65	3/4 971.29	3/4 684.87	3/4 398.46	3/4 112.99	3/4
<b>5</b>	<b>5</b> 3255.88	<b>5</b> 2969.51	<b>5</b> 2683.14	<b>5</b> 2396.77	<b>5</b> 2110.41	<b>5</b> 1824.04	<b>5</b> 1537.67	<b>5</b> 1251.7	<b>5</b> 965.32	<b>5</b> 678.91	<b>5</b> 392.49	<b>5</b> 107.08	<b>5</b>
1/4	1/4 3249.91	1/4 2963.54	1/4 2677.18	1/4 2390.81	1/4 2104.44	1/4 1818.07	1/4 1531.7	1/4 1245.74	1/4 959.35	1/4 672.94	1/4 386.52	1/4 101.18	1/4
1/2	1/2 3243.95	1/2 2957.58	1/2 2671.21	1/2 2384.84	1/2 2098.47	1/2 1812.11	1/2 1525.74	1/2 1239.78	1/2 953.39	1/2 666.97	1/2 380.56	1/2 95.27	1/2
3/4	3/4 3237.98	3/4 2951.61	3/4 2665.24	3/4 2378.88	3/4 2092.51	3/4 1806.14	3/4 1519.77	3/4 1233.83	3/4 947.42	3/4 661	3/4 374.59	3/4 89.37	3/4
<b>6</b>	<b>6</b> 3232.01	<b>6</b> 2945.65	<b>6</b> 2659.28	<b>6</b> 2372.91	<b>6</b> 2086.54	<b>6</b> 1800.17	<b>6</b> 1513.81	<b>6</b> 1227.87	<b>6</b> 941.45	<b>6</b> 655.04	<b>6</b> 368.62	<b>6</b> 83.47	<b>6</b>
1/4	1/4 3226.05	1/4 2939.68	1/4 2653.31	1/4 2366.94	1/4 2080.58	1/4 1794.21	1/4 1507.85	1/4 1221.9	1/4 935.49	1/4 649.07	1/4 362.65	1/4 77.56	1/4
1/2	1/2 3220.08	1/2 2933.71	1/2 2647.35	1/2 2360.98	1/2 2074.61	1/2 1788.24	1/2 1501.89	1/2 1215.94	1/2 929.52	1/2 643.1	1/2 356.69	1/2 71.66	1/2
3/4	3/4 3214.12	3/4 2927.75	3/4 2641.38	3/4 2355.01	3/4 2068.64	3/4 1782.28	3/4 1495.93	3/4 1209.97	3/4 923.55	3/4 637.14	3/4 350.72	3/4 65.75	3/4
<b>7</b>	<b>7</b> 3208.15	<b>7</b> 2921.78	<b>7</b> 2635.41	<b>7</b> 2349.05	<b>7</b> 2062.68	<b>7</b> 1776.31	<b>7</b> 1489.98	<b>7</b> 1204	<b>7</b> 917.59	<b>7</b> 631.17	<b>7</b> 344.75	<b>7</b> 59.85	<b>7</b>
1/4	1/4 3202.18	1/4 2915.82	1/4 2629.45	1/4 2343.08	1/4 2056.71	1/4 1770.34	1/4 1484.02	1/4 1198.03	1/4 911.62	1/4 625.2	1/4 338.79	1/4 54.54	1/4
1/2	1/2 3196.22	1/2 2909.85	1/2 2623.48	1/2 2337.11	1/2 2050.75	1/2 1764.38	1/2 1478.06	1/2 1192.07	1/2 905.65	1/2 619.24	1/2 332.82	1/2 49.29	1/2
3/4	3/4 3190.25	3/4 2903.88	3/4 2617.52	3/4 2331.15	3/4 2044.78	3/4 1758.41	3/4 1472.11	3/4 1186.1	3/4 899.68	3/4 613.27	3/4 326.85	3/4 43.93	3/4
<b>8</b>	<b>8</b> 3184.29	<b>8</b> 2897.92	<b>8</b> 2611.55	<b>8</b> 2325.18	<b>8</b> 2038.81	<b>8</b> 1752.45	<b>8</b> 1466.15	<b>8</b> 1180.13	<b>8</b> 893.72	<b>8</b> 607.3	<b>8</b> 320.89	<b>8</b> 38.62	<b>8</b>
1/4	1/4 3178.32	1/4 2891.95	1/4 2605.58	1/4 2319.22	1/4 2032.85	1/4 1746.48	1/4 1460.19	1/4 1174.17	1/4 887.75	1/4 601.33	1/4 314.92	1/4 34.45	1/4
1/2	3363.27 1/2 3172.35	1/2 2885.99	1/2 2599.62	1/2 2313.25	1/2 2026.88	1/2 1740.51	1/2 1454.24	1/2 1168.2	1/2 881.78	1/2 595.37	1/2 308.95	1/2 30.27	1/2
3/4	3362.9 3/4 3166.39	3/4 2880.02	3/4 2593.65	3/4 2307.28	3/4 2020.92	3/4 1734.55	3/4 1448.28	3/4 1162.23	3/4 875.82	3/4 589.4	3/4 302.98	3/4	3/4
<b>9</b>	<b>9</b> 3362.53	<b>9</b> 3160.42	<b>9</b> 2874.05	<b>9</b> 2587.69	<b>9</b> 2301.32	<b>9</b> 2014.95	<b>9</b> 1728.58	<b>9</b> 1442.32	<b>9</b> 1156.27	<b>9</b> 869.85	<b>9</b> 583.43	<b>9</b> 297.02	<b>9</b>
1/4	1/4 3362.16	1/4 3154.46	1/4 2868.09	1/4 2581.72	1/4 2295.35	1/4 2008.98	1/4 1722.62	1/4 1436.36	1/4 1150.3	1/4 863.88	1/4 577.47	1/4 291.05	1/4
1/2	1/2 3361.79	1/2 3148.49	1/2 2862.12	1/2 2575.75	1/2 2289.39	1/2 2003.02	1/2 1716.65	1/2 1430.41	1/2 1144.33	1/2 857.92	1/2 574.5	1/2 285.08	1/2
3/4	3360.67 3/4 3142.52	3/4 2856.16	3/4 2569.79	3/4 2283.42	3/4 1997.05	3/4 1710.68	3/4 1424.45	3/4 1138.36	3/4 851.95	3/4 565.53	3/4 279.12	3/4	3/4
<b>10</b>	<b>10</b> 3359.55	<b>10</b> 3136.56	<b>10</b> 2850.19	<b>10</b> 2563.82	<b>10</b> 2277.45	<b>10</b> 1991.09	<b>10</b> 1704.72	<b>10</b> 1418.49	<b>10</b> 1132.40	<b>10</b> 845.98	<b>10</b> 559.57	<b>10</b> 273.15	<b>10</b>
1/4	1/4 3358.43	1/4 3130.59	1/4 2844.22	1/4 2557.86	1/4 2271.49	1/4 1985.12	1/4 1698.75	1/4 1412.54	1/4 1126.43	1/4 840.01	1/4 553.6	1/4 267.18	1/4
1/2	1/2 3357.31	1/2 3124.63	1/2 2838.26	1/2 2551.89	1/2 2265.52	1/2 1979.15	1/2 1692.79	1/2 1406.58	1/2 1120.46	1/2 834.05	1/2 547.63	1/2 261.22	1/2
3/4	3355.45 3/4 3118.66	3/4 2832.29	3/4 2545.92	3/4 2259.56	3/4 1973.19	3/4 1686.82	3/4 1400.62	3/4 1114.5	3/4 828.08	3/4 541.66	3/4 255.25	3/4	3/4
<b>11</b>	<b>11</b> 3353.59	<b>11</b> 3112.69	<b>11</b> 2826.33	<b>11</b> 2539.96	<b>11</b> 2253.59	<b>11</b> 1967.22	<b>11</b> 1680.85	<b>11</b> 1394.67	<b>11</b> 1108.53	<b>11</b> 822.11	<b>11</b> 535.7	<b>11</b> 249.28	<b>11</b>
1/4	1/4 3351.72	1/4 3106.73	1/4 2820.36	1/4 2533.99	1/4 2247.62	1/4 1961.26	1/4 1674.89	1/4 1388.71	1/4 1102.56	1/4 816.15	1/4 529.73	1/4 243.31	1/4
1/2	1/2 3349.86	1/2 3100.76	1/2 2814.39	1/2 2528.03	1/2 2241.66	1/2 1955.29	1/2 1668.92	1/2 1382.75	1/2 1096.6	1/2 810.18	1/2 523.76	1/2 237.35	1/2
3/4	3347.25 3/4 3094.80	3/4 2808.43	3/4 2522.06	3/4 2235.69	3/4 1949.32	3/4 1662.96	3/4 1376.79	3/4 1090.63	3/4 804.21	3/4 517.80	3/4 231.38	3/4	3/4

CAPACITY IN: 42-GALLON BARRELS

GAUGE HEIGHT: 12'-8 1/2" (RIM OF 8" DIA. HATCH LOCATED NEAR CENTER OF TANK)

\*CAPACITY BELOW STRIKE POINT

MAGNOLIA MARINE - BARGE "MM-72"

OUTAGE TABLE

4 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

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		13 FEET			
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0	0	0	2637.05	0	2606.39	0	2392.32	0	2135.23	0	1878.14	0	1621.06	0	1363.97	0	1107.35	0	850.27	0	593.18	0	336.1	0	80.21				
1/4	1/4	1/4	2636.42	1/4	2605.29	1/4	2386.97	1/4	2129.88	1/4	1872.79	1/4	1615.7	1/4	1358.61	1/4	1102	1/4	844.92	1/4	587.83	1/4	330.74	1/4	74.91				
1/2	1/2	1/2	2635.79	1/2	2604.18	1/2	2381.61	1/2	2124.52	1/2	1867.43	1/2	1610.34	1/2	1353.27	1/2	1096.65	1/2	839.56	1/2	582.47	1/2	325.38	1/2	69.62				
3/4	3/4	3/4	2635.17	3/4	2603.08	3/4	2376.25	3/4	2119.16	3/4	1862.08	3/4	1604.99	3/4	1347.92	3/4	1091.29	3/4	834.2	3/4	577.12	3/4	320.03	3/4	64.33				
1	1	1	2634.54	1	2601.03	1	2370.9	1	2113.81	1	1856.72	1	1599.63	1	1342.57	1	1085.94	1	828.85	1	571.76	1	314.67	1	59.03				
1/4	1/4	1/4	2633.91	1/4	2598.99	1/4	2365.54	1/4	2108.45	1/4	1851.36	1/4	1594.28	1/4	1337.23	1/4	1080.58	1/4	823.49	1/4	566.4	1/4	309.32	1/4	53.74				
1/2	1/2	1/2	2633.28	1/2	2596.94	1/2	2360.19	1/2	2103.1	1/2	1846.01	1/2	1588.92	1/2	1331.88	1/2	1075.22	1/2	818.14	1/2	561.05	1/2	303.96	1/2	48.98				
3/4	3/4	3/4	2632.65	3/4	2594.89	3/4	2354.83	3/4	2097.74	3/4	1840.65	3/4	1583.56	3/4	1326.54	3/4	1069.87	3/4	814.78	3/4	555.69	3/4	298.6	3/4	44.23				
2	2	2	2632.02	2	2591.90	2	2349.47	2	2092.38	2	1835.3	2	1578.21	2	1321.19	2	1064.51	2	807.42	2	550.34	2	293.25	2	39.47				
1/4	1/4	1/4	2631.39	1/4	2588.91	1/4	2344.12	1/4	2087.03	1/4	1829.94	1/4	1572.85	1/4	1315.84	1/4	1059.16	1/4	802.07	1/4	544.98	1/4	287.89	1/4	34.71				
1/2	1/2	1/2	2630.76	1/2	2585.92	1/2	2338.76	1/2	2081.67	1/2	1824.58	1/2	1567.5	1/2	1310.5	1/2	1053.8	1/2	796.71	1/2	539.62	1/2	282.54	1/2	30.96				
3/4	3/4	2650.25	2630.13	3/4	2582.93	3/4	2333.41	3/4	2076.32	3/4	1819.23	3/4	1562.14	3/4	1305.15	3/4	1048.44	3/4	791.36	3/4	534.27	3/4	277.18	3/4	27.21				
3	3	2650.21	2629.5	3	2578.99	3	2328.05	3	2070.96	3	1813.87	3	1556.78	3	1299.81	3	1043.09	3	786	3	528.91	3	271.82	3	23.47				
1/4	1/4	2650.18	2628.88	1/4	2575.05	1/4	2322.69	1/4	2065.6	1/4	1808.52	1/4	1551.43	1/4	1294.46	1/4	1037.73	1/4	780.64	1/4	523.56	1/4	266.47	1/4	19.72				
1/2	1/2	2650.14	2628.25	1/2	2571.11	1/2	2317.34	1/2	2060.25	1/2	1803.16	1/2	1546.07	1/2	1289.11	1/2	1032.38	1/2	775.29	1/2	518.20	1/2	261.11	1/2	17.04				
3/4	3/4	2650.1	2627.62	3/4	2567.17	3/4	2311.98	3/4	2054.89	3/4	1797.8	3/4	1540.72	3/4	1283.77	3/4	1027.02	3/4	769.93	3/4	512.84	3/4	255.76	3/4	14.36				
4	4	2649.98	2626.99	4	2562.29	4	2306.63	4	2049.54	4	1792.45	4	1535.36	4	1278.42	4	1021.66	4	764.58	4	507.49	4	250.4	4	11.68				
1/4	1/4	2649.86	2626.36	1/4	2557.41	1/4	2301.27	1/4	2044.18	1/4	1787.09	1/4	1530	1/4	1273.08	1/4	1016.31	1/4	759.22	1/4	502.13	1/4	245.04	1/4	9				
1/2	1/2	2649.74	2625.73	1/2	2552.53	1/2	2295.91	1/2	2038.82	1/2	1781.74	1/2	1524.65	1/2	1267.73	1/2	1010.95	1/2	753.86	1/2	496.78	1/2	239.69	1/2	7.40				
3/4	3/4	2649.63	2625.1	3/4	2547.65	3/4	2290.56	3/4	2033.47	3/4	1776.38	3/4	1519.29	3/4	1262.38	3/4	1005.60	3/4	748.51	3/4	491.42	3/4	234.33	3/4					
5	5	2649.43	2624.47	5	2542.29	5	2285.20	5	2028.11	5	1771.02	5	1513.94	5	1257.04	5	1000.24	5	743.15	5	486.06	5	228.98	5					
1/4	1/4	2649.23	2623.84	1/4	2536.93	1/4	2279.84	1/4	2022.76	1/4	1765.67	1/4	1508.58	1/4	1251.69	1/4	994.88	1/4	737.80	1/4	480.71	1/4	223.62	1/4					
1/2	1/2	2649.04	2623.21	1/2	2531.58	1/2	2274.49	1/2	2017.4	1/2	1760.31	1/2	1503.22	1/2	1246.35	1/2	989.53	1/2	732.44	1/2	475.35	1/2	218.26	1/2					
3/4	3/4	2648.84	2622.59	3/4	2526.22	3/4	2269.13	3/4	2012.04	3/4	1754.96	3/4	1497.87	3/4	1241	3/4	984.17	3/4	727.08	3/4	470	3/4	212.91	3/4					
6	6	2648.57	2621.96	6	2520.87	6	2263.78	6	2006.69	6	1749.6	6	1492.51	6	1235.65	6	978.82	6	721.73	6	464.64	6	207.55	6					
1/4	1/4	2648.29	2621.33	1/4	2515.51	1/4	2258.42	1/4	2001.33	1/4	1744.24	1/4	1487.16	1/4	1230.31	1/4	973.46	1/4	716.37	1/4	459.28	1/4	202.20	1/4					
1/2	1/2	2648.02	2620.7	1/2	2510.15	1/2	2253.06	1/2	1995.98	1/2	1738.89	1/2	1481.8	1/2	1224.96	1/2	968.1	1/2	711.02	1/2	453.93	1/2	196.84	1/2					
3/4	3/4	2647.75	2620.07	3/4	2504.8	3/4	2247.71	3/4	1990.62	3/4	1733.53	3/4	1476.44	3/4	1219.62	3/4	962.75	3/4	705.66	3/4	448.57	3/4	191.48	3/4					
7	7	2647.39	2619.44	7	2499.44	7	2242.35	7	1985.26	7	1728.18	7	1471.09	7	1214.27	7	957.39	7	700.3	7	443.22	7	186.13	7					
1/4	1/4	2647.04	2618.81	1/4	2494.09	1/4	2237.00	1/4	1979.91	1/4	1722.82	1/4	1465.73	1/4	1208.92	1/4	952.04	1/4	694.95	1/4	437.86	1/4	180.77	1/4					
1/2	1/2	2646.68	2618.18	1/2	2488.73	1/2	2231.64	1/2	1974.55	1/2	1717.46	1/2	1460.38	1/2	1203.58	1/2	946.68	1/2	689.59	1/2	432.5	1/2	175.48	1/2					
3/4	3/4	2646.33	2617.55	3/4	2483.37	3/4	2226.28	3/4	1969.2	3/4	1712.11	3/4	1455.02	3/4	1198.23	3/4	941.32	3/4	684.24	3/4	427.15	3/4	170.19	3/4					
8	8	2645.9	2616.92	8	2478.02	8	2220.93	8	1963.84	8	1706.75	8	1449.66	8	1192.89	8	935.97	8	678.88	8	421.79	8	164.89	8					
1/4	1/4	2645.47	2616.3	1/4	2472.66	1/4	2215.57	1/4	1958.48	1/4	1701.4	1/4	1444.31	1/4	1187.54	1/4	930.61	1/4	673.52	1/4	416.44	1/4	159.6	1/4					
1/2	1/2	2645.03	2615.67	1/2	2467.31	1/2	2210.22	1/2	1953.13	1/2	1696.04	1/2	1438.95	1/2	1182.19	1/2	925.26	1/2	668.17	1/2	411.08	1/2	154.31	1/2					
3/4	3/4	2644.6	2615.04	3/4	2461.95	3/4	2204.86	3/4	1947.77	3/4	1690.68	3/4	1433.6	3/4	1176.85	3/4	919.9	3/4	662.81	3/4	405.72	3/4	149.01	3/4					
9	9	2644.09	2614.41	9	2456.59	9	2199.5	9	1942.42	9	1685.33	9	1428.24	9	1171.5	9	914.54	9	657.46	9	400.37	9	143.72	9					
1/4	1/4	2643.58	2613.78	1/4	2451.24	1/4	2194.15	1/4	1937.06	1/4	1679.97	1/4	1422.88	1/4	1166.16	1/4	909.19	1/4	652.10	1/4	395.01	1/4	138.43	1/4					
1/2	1/2	2643.07	2613.15	1/2	2445.88	1/2	2188.79	1/2	1931.70	1/2	1674.62	1/2	1417.53	1/2	1160.81	1/2	903.83	1/2	646.74	1/2	389.66	1/2	133.14	1/2					
3/4	3/4	2642.56	2612.52	3/4	2440.53	3/4	2183.44	3/4	1926.35	3/4	1669.26	3/4	1412.17	3/4	1155.46	3/4	898.48	3/4	641.39	3/4	384.3	3/4	127.84	3/4					
10	10	2641.97	2611.89	10	2435.17	10	2178.08	10	1920.99	10	1663.9	10	1406.82	10	1150.12	10	893.12	10	636.03	10	378.94	10	122.55	10					
1/4	1/4	2641.38	2611.26	1/4	2429.81	1/4	2172.72	1/4	1915.64	1/4	1658.55	1/4	1401.46	1/4	1144.77	1/4	887.76	1/4	630.68	1/4	373.59	1/4	117.26	1/4					
1/2	1/2	2640.79	2610.63	1/2	2424.46	1/2	2167.37	1/2	1910.28	1/2	1653.19	1/2	1396.10	1/2	1139.43	1/2	882.41	1/2	625.32	1/2	368.23	1/2	111.96	1/2					
3/4	3/4	2640.2	2610.01	3/4	2419.10	3/4	2162.01	3/4	1904.92	3/4	1647.84	3/4	1390.75	3/4	1134.08	3/4	877.05	3/4	619.96	3/4	362.88	3/4	106.67	3/4					
11	11	2639.57	2609.38	11	2413.75	11	2156																						

MAGNOLIA MARINE - BARGE "MM-72"

OUTAGE TABLE

4 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

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		13 FEET				
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		
0	0	0	2637.05	0	2606.39	0	2392.32	0	2135.23	0	1878.14	0	1621.06	0	1363.97	0	1107.35	0	850.27	0	593.18	0	336.1	0	80.21					
1/4	1/4	1/4	2636.42	1/4	2605.29	1/4	2386.97	1/4	2129.88	1/4	1872.79	1/4	1615.7	1/4	1358.61	1/4	1102	1/4	844.92	1/4	587.83	1/4	330.74	1/4	74.91					
1/2	1/2	1/2	2635.79	1/2	2604.18	1/2	2381.61	1/2	2124.52	1/2	1867.43	1/2	1610.34	1/2	1353.27	1/2	1096.65	1/2	839.56	1/2	582.47	1/2	325.38	1/2	69.62					
3/4	3/4	3/4	2635.17	3/4	2603.08	3/4	2376.25	3/4	2119.16	3/4	1862.08	3/4	1604.99	3/4	1347.92	3/4	1091.29	3/4	834.2	3/4	577.12	3/4	320.03	3/4	64.33					
1	1	1	2634.54	1	2601.03	1	2370.9	1	2113.81	1	1856.72	1	1599.63	1	1342.57	1	1085.94	1	828.85	1	571.76	1	314.67	1	59.03					
1/4	1/4	1/4	2633.91	1/4	2598.99	1/4	2365.54	1/4	2108.45	1/4	1851.36	1/4	1594.28	1/4	1337.23	1/4	1080.58	1/4	823.49	1/4	566.4	1/4	309.32	1/4	53.74					
1/2	1/2	1/2	2633.28	1/2	2596.94	1/2	2360.19	1/2	2103.1	1/2	1846.01	1/2	1588.92	1/2	1331.88	1/2	1075.22	1/2	818.14	1/2	561.05	1/2	303.96	1/2	48.98					
3/4	3/4	3/4	2632.65	3/4	2594.89	3/4	2354.83	3/4	2097.74	3/4	1840.65	3/4	1583.56	3/4	1326.54	3/4	1069.87	3/4	812.78	3/4	555.69	3/4	298.6	3/4	44.23					
2	2	2	2632.02	2	2591.90	2	2349.47	2	2092.38	2	1835.3	2	1578.21	2	1321.19	2	1064.51	2	807.42	2	550.34	2	293.25	2	39.47					
1/4	1/4	1/4	2631.39	1/4	2588.91	1/4	2344.12	1/4	2087.03	1/4	1829.94	1/4	1572.85	1/4	1315.84	1/4	1059.16	1/4	802.07	1/4	544.98	1/4	287.89	1/4	34.71					
1/2	1/2	1/2	2630.76	1/2	2585.92	1/2	2338.76	1/2	2081.67	1/2	1824.58	1/2	1567.5	1/2	1310.5	1/2	1053.8	1/2	796.71	1/2	539.62	1/2	282.54	1/2	30.96					
3/4	3/4	2650.25	2630.13	3/4	2582.93	3/4	2333.41	3/4	2076.32	3/4	1819.23	3/4	1562.14	3/4	1305.15	3/4	1048.44	3/4	791.36	3/4	534.27	3/4	277.18	3/4	27.21					
3	3	2650.21	2629.5	3	2578.99	3	2328.05	3	2070.96	3	1813.87	3	1556.78	3	1299.81	3	1043.09	3	786	3	528.91	3	271.82	3	23.47					
1/4	1/4	2650.18	2628.88	1/4	2575.05	1/4	2322.69	1/4	2065.6	1/4	1808.52	1/4	1551.43	1/4	1294.46	1/4	1037.73	1/4	780.64	1/4	523.56	1/4	266.47	1/4	19.72					
1/2	1/2	2650.14	2628.25	1/2	2571.11	1/2	2317.34	1/2	2060.25	1/2	1803.16	1/2	1546.07	1/2	1289.11	1/2	1032.38	1/2	775.29	1/2	518.20	1/2	261.11	1/2	17.04					
3/4	3/4	2650.1	2627.62	3/4	2567.17	3/4	2311.98	3/4	2054.89	3/4	1797.8	3/4	1540.72	3/4	1283.77	3/4	1027.02	3/4	769.93	3/4	512.84	3/4	255.76	3/4	14.36					
4	4	2649.98	2626.99	4	2562.29	4	2306.63	4	2049.54	4	1792.45	4	1535.36	4	1278.42	4	1021.66	4	764.58	4	507.49	4	250.4	4	11.68					
1/4	1/4	2649.86	2626.36	1/4	2557.41	1/4	2301.27	1/4	2044.18	1/4	1787.09	1/4	1530	1/4	1273.08	1/4	1016.31	1/4	759.22	1/4	502.13	1/4	245.04	1/4	9					
1/2	1/2	2649.74	2625.73	1/2	2552.53	1/2	2295.91	1/2	2038.82	1/2	1781.74	1/2	1524.65	1/2	1267.73	1/2	1010.95	1/2	753.86	1/2	496.78	1/2	239.69	1/2	7.40					
3/4	3/4	2649.63	2625.1	3/4	2547.65	3/4	2290.56	3/4	2033.47	3/4	1776.38	3/4	1519.29	3/4	1262.38	3/4	1005.60	3/4	748.51	3/4	491.42	3/4	234.33	3/4	5.79					
5	5	2649.43	2624.47	5	2542.29	5	2285.20	5	2028.11	5	1771.02	5	1513.94	5	1257.04	5	1000.24	5	743.15	5	486.06	5	228.98	5	4.18					
1/4	1/4	2649.23	2623.84	1/4	2536.93	1/4	2279.84	1/4	2022.76	1/4	1765.67	1/4	1508.58	1/4	1251.69	1/4	994.88	1/4	737.80	1/4	480.71	1/4	223.62	1/4						
1/2	1/2	2649.04	2623.21	1/2	2531.58	1/2	2274.49	1/2	2017.4	1/2	1760.31	1/2	1503.22	1/2	1246.35	1/2	989.53	1/2	732.44	1/2	475.35	1/2	218.26	1/2						
3/4	3/4	2648.84	2622.59	3/4	2526.22	3/4	2269.13	3/4	2012.04	3/4	1754.96	3/4	1497.87	3/4	1241	3/4	984.17	3/4	727.08	3/4	470	3/4	212.91	3/4						
6	6	2648.57	2621.96	6	2520.87	6	2263.78	6	2006.69	6	1749.6	6	1492.51	6	1235.65	6	978.82	6	721.73	6	464.64	6	207.55	6						
1/4	1/4	2648.29	2621.33	1/4	2515.51	1/4	2258.42	1/4	2001.33	1/4	1744.24	1/4	1487.16	1/4	1230.31	1/4	973.46	1/4	716.37	1/4	459.28	1/4	202.20	1/4						
1/2	1/2	2648.02	2620.7	1/2	2510.15	1/2	2253.06	1/2	1995.98	1/2	1738.89	1/2	1481.8	1/2	1224.96	1/2	968.1	1/2	711.02	1/2	453.93	1/2	196.84	1/2						
3/4	3/4	2647.75	2620.07	3/4	2504.8	3/4	2247.71	3/4	1990.62	3/4	1733.53	3/4	1476.4	3/4	1219.62	3/4	962.75	3/4	705.66	3/4	448.57	3/4	191.48	3/4						
7	7	2647.39	2619.44	7	2499.44	7	2242.35	7	1985.26	7	1728.18	7	1471.09	7	1214.27	7	957.39	7	700.3	7	443.22	7	186.13	7						
1/4	1/4	2647.04	2618.81	1/4	2494.09	1/4	2237.00	1/4	1979.91	1/4	1722.82	1/4	1465.73	1/4	1208.92	1/4	952.04	1/4	694.95	1/4	437.86	1/4	180.77	1/4						
1/2	1/2	2646.68	2618.18	1/2	2488.73	1/2	2231.64	1/2	1974.55	1/2	1717.46	1/2	1460.38	1/2	1203.58	1/2	946.68	1/2	689.59	1/2	432.5	1/2	175.48	1/2						
3/4	3/4	2646.33	2617.5	3/4	2483.37	3/4	2226.28	3/4	1969.2	3/4	1712.11	3/4	1455.02	3/4	1198.23	3/4	941.32	3/4	684.24	3/4	427.15	3/4	170.19	3/4						
8	8	2645.9	2616.92	8	2478.02	8	2220.93	8	1963.84	8	1706.75	8	1449.66	8	1192.89	8	935.97	8	678.88	8	421.79	8	164.89	8						
1/4	1/4	2645.47	2616.3	1/4	2472.66	1/4	2215.57	1/4	1958.48	1/4	1701.4	1/4	1444.31	1/4	1187.54	1/4	930.61	1/4	673.52	1/4	416.44	1/4	159.6	1/4						
1/2	1/2	2645.03	2615.67	1/2	2467.31	1/2	2210.22	1/2	1953.13	1/2	1696.04	1/2	1438.95	1/2	1182.19	1/2	925.26	1/2	668.17	1/2	411.08	1/2	154.31	1/2						
3/4	3/4	2644.6	2615.04	3/4	2461.95	3/4	2204.86	3/4	1947.77	3/4	1690.68	3/4	1433.6	3/4	1176.85	3/4	919.9	3/4	662.81	3/4	405.72	3/4	149.01	3/4						
9	9	2644.09	2614.41	9	2456.59	9	2199.5	9	1942.42	9	1685.33	9	1428.24	9	1171.5	9	914.54	9	657.46	9	400.37	9	143.72	9						
1/4	1/4	2643.58	2613.78	1/4	2451.24	1/4	2194.15	1/4	1937.06	1/4	1679.97	1/4	1422.88	1/4	1166.16	1/4	909.19	1/4	652.10	1/4	395.01	1/4	138.43	1/4						
1/2	1/2	2643.07	2613.15	1/2	2445.88	1/2	2188.79	1/2	1931.70	1/2	1674.62	1/2	1417.53	1/2	1160.81	1/2	903.83	1/2	646.74	1/2	389.66	1/2	133.14	1/2						
3/4	3/4	2642.56	2612.52	3/4	2440.53	3/4	218																							