

MAGNOLIA MARINE - BARGE "MM 112"

OUTAGE TABLE

1 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO 4313

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>	4337.53	<b>0</b>	4040.18	<b>0</b>	3723.29	<b>0</b>	3406.39	<b>0</b>	3089.49	<b>0</b>	2772.60	<b>0</b>	2455.70	<b>0</b>	2138.81	<b>0</b>	1821.91	<b>0</b>	1505.01	<b>0</b>	1188.12	<b>0</b>	871.22	<b>0</b>	556.07		
1/4		1/4	4334.08	1/4	4033.58	1/4	3716.68	1/4	3399.79	1/4	3082.89	1/4	2766.00	1/4	2449.10	1/4	2132.20	1/4	1815.31	1/4	1498.41	1/4	1181.52	1/4	864.62	1/4	549.90		
1/2		1/2	4330.63	1/2	4026.98	1/2	3710.08	1/2	3393.19	1/2	3076.29	1/2	2759.39	1/2	2442.50	1/2	2125.60	1/2	1808.71	1/2	1491.81	1/2	1174.91	1/2	858.02	1/2	543.72		
3/4		3/4	4327.18	3/4	4020.38	3/4	3703.48	3/4	3386.58	3/4	3069.69	3/4	2752.79	3/4	2435.90	3/4	2119.00	3/4	1802.10	3/4	1485.21	3/4	1168.31	3/4	851.42	3/4	537.55		
<b>1</b>		<b>1</b>	4322.47	<b>1</b>	4013.77	<b>1</b>	3696.88	<b>1</b>	3379.98	<b>1</b>	3063.09	<b>1</b>	2746.19	<b>1</b>	2429.29	<b>1</b>	2112.40	<b>1</b>	1795.50	<b>1</b>	1478.61	<b>1</b>	1161.71	<b>1</b>	844.81	<b>1</b>	531.38		
1/4		1/4	4317.76	1/4	4007.17	1/4	3690.28	1/4	3373.38	1/4	3056.48	1/4	2739.59	1/4	2422.69	1/4	2105.80	1/4	1788.90	1/4	1472.00	1/4	1155.11	1/4	838.21	1/4	525.21		
1/2		1/2	4313.05	1/2	4000.57	1/2	3683.67	1/2	3366.78	1/2	3049.88	1/2	2732.99	1/2	2416.09	1/2	2099.19	1/2	1782.30	1/2	1465.40	1/2	1148.51	1/2	831.61	1/2	519.04		
3/4		3/4	4308.34	3/4	3993.97	3/4	3677.07	3/4	3360.18	3/4	3043.28	3/4	2726.38	3/4	2409.49	3/4	2092.59	3/4	1775.70	3/4	1458.80	3/4	1141.90	3/4	825.01	3/4	512.87		
<b>2</b>		<b>2</b>	4302.37	<b>2</b>	3987.37	<b>2</b>	3670.47	<b>2</b>	3353.57	<b>2</b>	3036.68	<b>2</b>	2719.78	<b>2</b>	2402.89	<b>2</b>	2085.99	<b>2</b>	1769.09	<b>2</b>	1452.20	<b>2</b>	1135.30	<b>2</b>	818.41	<b>2</b>	506.70		
1/4		1/4	4296.40	1/4	3980.76	1/4	3663.87	1/4	3346.97	1/4	3030.08	1/4	2713.18	1/4	2396.28	1/4	2079.39	1/4	1762.49	1/4	1445.60	1/4	1128.70	1/4	811.80	1/4	500.53		
1/2		1/2	4290.43	1/2	3974.16	1/2	3657.27	1/2	3340.37	1/2	3023.47	1/2	2706.58	1/2	2389.68	1/2	2072.79	1/2	1755.89	1/2	1438.99	1/2	1122.10	1/2	805.20	1/2	494.36		
3/4		3/4	4284.46	3/4	3967.56	3/4	3650.66	3/4	3333.77	3/4	3016.87	3/4	2699.98	3/4	2383.08	3/4	2066.18	3/4	1749.29	3/4	1432.39	3/4	1115.50	3/4	798.60	3/4	488.19		
<b>3</b>		<b>3</b>	4277.85	<b>3</b>	3960.96	<b>3</b>	3644.06	<b>3</b>	3327.17	<b>3</b>	3010.27	<b>3</b>	2693.37	<b>3</b>	2376.48	<b>3</b>	2059.58	<b>3</b>	1742.69	<b>3</b>	1425.79	<b>3</b>	1108.89	<b>3</b>	792.00	<b>3</b>	482.01		
1/4		1/4	4271.85	1/4	3954.36	1/4	3637.46	1/4	3320.56	1/4	3003.67	1/4	2686.77	1/4	2369.88	1/4	2052.98	1/4	1736.08	1/4	1419.19	1/4	1102.29	1/4	785.40	1/4	476.13		
1/2		1/2	4264.55	1/2	3947.75	1/2	3630.86	1/2	3313.96	1/2	2997.07	1/2	2680.17	1/2	2363.27	1/2	2046.38	1/2	1729.48	1/2	1412.59	1/2	1095.69	1/2	778.79	1/2	470.25		
3/4		3/4	4258.05	3/4	3941.15	3/4	3624.26	3/4	3307.36	3/4	2990.46	3/4	2673.57	3/4	2356.67	3/4	2039.37	3/4	1722.88	3/4	1405.98	3/4	1089.09	3/4	772.19	3/4	464.37		
<b>4</b>		<b>4</b>	4251.45	<b>4</b>	3934.55	<b>4</b>	3617.65	<b>4</b>	3300.76	<b>4</b>	2983.86	<b>4</b>	2666.97	<b>4</b>	2350.07	<b>4</b>	2033.17	<b>4</b>	1716.28	<b>4</b>	1399.38	<b>4</b>	1082.49	<b>4</b>	765.59	<b>4</b>	458.48		
1/4		1/4	4244.84	1/4	3925.95	1/4	3611.05	1/4	3294.16	1/4	2977.26	1/4	2660.36	1/4	2343.47	1/4	2026.57	1/4	1709.68	1/4	1392.78	1/4	1075.88	1/4	758.99	1/4	452.60		
1/2		1/2	4238.24	1/2	3921.35	1/2	3604.45	1/2	3287.55	1/2	2970.66	1/2	2653.76	1/2	2336.87	1/2	2019.97	1/2	1703.07	1/2	1386.18	1/2	1069.28	1/2	752.39	1/2	446.72		
3/4		3/4	4231.64	3/4	3914.74	3/4	3597.85	3/4	3280.95	3/4	2964.06	3/4	2647.16	3/4	2330.26	3/4	2013.37	3/4	1696.47	3/4	1379.58	3/4	1062.68	3/4	745.78	3/4	440.83		
<b>5</b>		<b>5</b>	4225.04	<b>5</b>	3908.14	<b>5</b>	3591.25	<b>5</b>	3274.35	<b>5</b>	2957.45	<b>5</b>	2640.56	<b>5</b>	2323.66	<b>5</b>	2006.77	<b>5</b>	1689.87	<b>5</b>	1372.97	<b>5</b>	1056.08	<b>5</b>	739.18	<b>5</b>	434.95		
1/4		1/4	4218.44	1/4	3901.54	1/4	3584.64	1/4	3267.75	1/4	2950.85	1/4	2633.96	1/4	2317.06	1/4	2000.16	1/4	1683.27	1/4	1366.37	1/4	1049.48	1/4	732.58	1/4	429.07		
1/2		1/2	4211.83	1/2	3894.94	1/2	3578.04	1/2	3261.15	1/2	2944.25	1/2	2627.35	1/2	2310.46	1/2	1993.56	1/2	1676.67	1/2	1359.77	1/2	1042.87	1/2	725.40	1/2	423.18		
3/4		3/4	4205.23	3/4	3888.34	3/4	3571.44	3/4	3254.54	3/4	2937.65	3/4	2620.75	3/4	2303.86	3/4	1986.96	3/4	1670.06	3/4	1353.17	3/4	1036.27	3/4	719.38	3/4	417.30		
<b>6</b>		<b>6</b>	4198.63	<b>6</b>	3881.73	<b>6</b>	3564.84	<b>6</b>	3247.94	<b>6</b>	2931.05	<b>6</b>	2614.15	<b>6</b>	2297.25	<b>6</b>	1980.36	<b>6</b>	1663.46	<b>6</b>	1346.57	<b>6</b>	1029.67	<b>6</b>	712.77	<b>6</b>	411.42		
1/4		1/4	4192.03	1/4	3875.13	1/4	3558.24	1/4	3241.34	1/4	2924.44	1/4	2607.55	1/4	2290.65	1/4	1983.76	1/4	1656.86	1/4	1339.96	1/4	1023.07	1/4	706.17	1/4	405.82		
1/2		1/2	4185.43	1/2	3868.53	1/2	3551.63	1/2	3234.74	1/2	2917.84	1/2	2600.95	1/2	2284.05	1/2	1967.15	1/2	1650.26	1/2	1333.36	1/2	1016.47	1/2	699.57	1/2	400.23		
3/4		3/4	4178.82	3/4	3861.93	3/4	3545.03	3/4	3228.14	3/4	2911.24	3/4	2594.34	3/4	2277.45	3/4	1960.55	3/4	1643.66	3/4	1326.76	3/4	1009.86	3/4	692.97	3/4	394.63		
<b>7</b>		<b>7</b>	4172.22	<b>7</b>	3855.33	<b>7</b>	3538.43	<b>7</b>	3221.53	<b>7</b>	2904.64	<b>7</b>	2587.74	<b>7</b>	2270.85	<b>7</b>	1953.95	<b>7</b>	1637.05	<b>7</b>	1320.16	<b>7</b>	1003.26	<b>7</b>	686.37	<b>7</b>	389.04		
1/4		1/4	4165.52	1/4	3848.72	1/4	3531.83	1/4	3214.93	1/4	2898.04	1/4	2581.14	1/4	2264.24	1/4	1947.35	1/4	1630.45	1/4	1313.56	1/4	996.66	1/4	679.76	1/4	383.44		
1/2		1/2	4159.02	1/2	3842.12	1/2	3525.23	1/2	3208.33	1/2	2891.43	1/2	2575.54	1/2	2257.64	1/2	1940.75	1/2	1623.85	1/2	1306.95	1/2	990.06	1/2	673.16	1/2	377.85		
3/4		3/4	4152.42	3/4	3835.52	3/4	3518.62	3/4	3201.73	3/4	2884.83	3/4	2567.94	3/4	2251.04	3/4	1934.14	3/4	1617.25	3/4	1300.35	3/4	983.46	3/4	666.56	3/4	372.25		
<b>8</b>		<b>8</b>	4145.81	<b>8</b>	3828.92	<b>8</b>	3512.02	<b>8</b>	3195.03	<b>8</b>	2878.23	<b>8</b>	2561.33	<b>8</b>	2244.44	<b>8</b>	1927.54	<b>8</b>	1610.65	<b>8</b>	1293.75	<b>8</b>	976.85	<b>8</b>	659.96	<b>8</b>	366.66		
1/4		1/4	4139.21	1/4	3822.32	1/4	3505.42	1/4	3188.52	1/4	2871.63	1/4	2554.73	1/4	2237.84	1/4	1920.94	1/4	1604.04	1/4	1287.15	1/4	970.25	1/4	653.36	1/4	361.06		
1/2		1/2	4132.61	1/2	3815.71	1/2	3498.82	1/2	3181.92	1/2	2865.03	1/2	2548.13	1/2	2231.23	1/2	1914.34	1/2	1597.44	1/2	1280.55	1/2	963.65	1/2	646.75	1/2	355.47		
3/4		3/4	4126.01	3/4	3809.11	3/4	3492.22	3/4	3175.32	3/4	2858.42	3/4	2541.53	3/4	2224.63	3/4	1907.74	3/4	1590.84	3/4	1273.94	3/4	957.05	3/4	640.15	3/4	349.87		
<b>9</b>		<b>9</b>	4119.41	<b>9</b>	3802.51	<b>9</b>	3485.61	<b>9</b>	3168.72	<b>9</b>	2851.82	<b>9</b>	2534.93	<b>9</b>	2218.03	<b>9</b>	1901.13	<b>9</b>	1584.24	<b>9</b>	1267.34	<b>9</b>	950.45	<b>9</b>	633.55	<b>9</b>	344.28		
1/4		1/4	4112.80	1/4	3795.91	1/4	3479.01	1/4	3162.12	1/4	2845.22	1/4	2528.32	1/4	2211.43	1/4	1894.53												

MAGNOLIA MARINE - BARGE "MM 112"

OUTAGE TABLE

1 PORT CONT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO 4313

14 FEET		15 FEET		16 FEET		17 FEET		18 FEET		19 FEET		20 FEET		21 FEET		22 FEET		23 FEET		24 FEET		25 FEET		26 FEET		FEET			
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.			
<b>0</b>	280.58	<b>0</b>	60.29	<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>	
1/4	275.56	1/4	56.42	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	270.54	1/2	52.54	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	265.52	3/4	48.67	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>1</b>	260.50	<b>1</b>	44.80	<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>	
1/4	255.48	1/4	41.23	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	250.46	1/2	37.66	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	245.44	3/4	34.08	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>2</b>	240.41	<b>2</b>	30.51	<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>	
1/4	235.39	1/4	27.54	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	230.37	1/2	24.56	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	225.35	3/4	21.59	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>3</b>	220.33	<b>3</b>	18.61	<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>	
1/4	215.60	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	210.86	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	206.13	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>4</b>	201.40	<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>	
1/4	196.67	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	191.93	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	187.20	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>5</b>	182.47	<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>	
1/4	177.73	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	173.00	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	168.27	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>6</b>	163.53	<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>	
1/4	159.09	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154.64	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	150.20	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>7</b>	145.75	<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>	
1/4	141.30	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	136.86	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	132.41	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>8</b>	127.97	<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>	
1/4	123.52	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119.07	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114.63	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>9</b>	110.18	<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>	
1/4	106.02	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	101.87	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	97.71	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>10</b>	93.55	<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>	
1/4	89.39	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	85.23	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	81.08	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>11</b>	76.92	<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>	
1/4	72.76	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	68.60	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	64.44	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CAPACITY IN: 42-GALLON BARRELS

GAUGE HEIGHT: 15'-3" (TO 2" DIAMETER STANDPIPE LOCATED NEAR CENTER OF TANK)

STRAPPED 4/27/98

\*CAPACITY BELOW STRIKE POINT

MAGNOLIA MARINE - BARGE "MM 112"

OUTAGE TABLE

1 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO 4313

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>	4330.63	<b>0</b>	4026.98	<b>0</b>	3710.08	<b>0</b>	3393.19	<b>0</b>	3076.29	<b>0</b>	2759.39	<b>0</b>	2442.50	<b>0</b>	2125.60	<b>0</b>	1808.71	<b>0</b>	1491.81	<b>0</b>	1174.91	<b>0</b>	858.02	<b>0</b>	543.72		
1/4		1/4	4327.18	1/4	4020.38	1/4	3703.48	1/4	3386.58	1/4	3069.69	1/4	2752.79	1/4	2435.90	1/4	2119.00	1/4	1802.10	1/4	1485.21	1/4	1168.31	1/4	851.42	1/4	537.55		
1/2		1/2	4322.47	1/2	4013.77	1/2	3696.88	1/2	3379.98	1/2	3063.09	1/2	2746.19	1/2	2429.29	1/2	2112.40	1/2	1795.50	1/2	1478.61	1/2	1161.71	1/2	844.81	1/2	531.38		
3/4		3/4	4317.76	3/4	4007.17	3/4	3690.28	3/4	3373.38	3/4	3056.48	3/4	2739.59	3/4	2422.69	3/4	2105.80	3/4	1788.90	3/4	1472.00	3/4	1155.11	3/4	838.21	3/4	525.21		
<b>1</b>		<b>1</b>	4313.05	<b>1</b>	4000.57	<b>1</b>	3683.67	<b>1</b>	3366.78	<b>1</b>	3049.88	<b>1</b>	2732.99	<b>1</b>	2416.09	<b>1</b>	2099.19	<b>1</b>	1782.30	<b>1</b>	1465.40	<b>1</b>	1148.51	<b>1</b>	831.61	<b>1</b>	519.04		
1/4		1/4	4308.34	1/4	3993.97	1/4	3677.07	1/4	3360.18	1/4	3043.28	1/4	2726.38	1/4	2409.49	1/4	2092.59	1/4	1775.70	1/4	1458.00	1/4	1141.90	1/4	825.01	1/4	512.87		
1/2		1/2	4302.37	1/2	3987.37	1/2	3670.47	1/2	3353.57	1/2	3036.68	1/2	2719.78	1/2	2402.89	1/2	2085.99	1/2	1769.09	1/2	1452.00	1/2	1135.30	1/2	818.41	1/2	506.70		
3/4		3/4	4296.40	3/4	3980.76	3/4	3663.87	3/4	3346.97	3/4	3030.08	3/4	2713.18	3/4	2396.28	3/4	2079.39	3/4	1762.49	3/4	1445.60	3/4	1128.70	3/4	811.80	3/4	500.53		
<b>2</b>		<b>2</b>	4290.43	<b>2</b>	3974.16	<b>2</b>	3657.27	<b>2</b>	3340.37	<b>2</b>	3023.47	<b>2</b>	2706.58	<b>2</b>	2389.68	<b>2</b>	2072.79	<b>2</b>	1755.89	<b>2</b>	1438.99	<b>2</b>	1122.10	<b>2</b>	805.20	<b>2</b>	494.36		
1/4		1/4	4284.46	1/4	3967.56	1/4	3650.66	1/4	3333.77	1/4	3016.87	1/4	2699.98	1/4	2383.08	1/4	2066.18	1/4	1749.29	1/4	1432.39	1/4	1115.50	1/4	798.60	1/4	488.19		
1/2		1/2	4277.85	1/2	3960.96	1/2	3644.06	1/2	3327.17	1/2	3010.27	1/2	2693.37	1/2	2376.48	1/2	2059.58	1/2	1742.69	1/2	1425.79	1/2	1108.89	1/2	792.00	1/2	482.01		
3/4		3/4	4271.25	3/4	3954.36	3/4	3637.46	3/4	3320.56	3/4	3003.67	3/4	2686.77	3/4	2369.88	3/4	2052.98	3/4	1736.08	3/4	1419.19	3/4	1102.29	3/4	785.40	3/4	476.13		
<b>3</b>		<b>3</b>	4264.65	<b>3</b>	3947.75	<b>3</b>	3630.86	<b>3</b>	3313.96	<b>3</b>	2997.07	<b>3</b>	2670.00	<b>3</b>	2363.87	<b>3</b>	2046.38	<b>3</b>	1729.48	<b>3</b>	1412.59	<b>3</b>	1095.69	<b>3</b>	778.79	<b>3</b>	470.25		
1/4		1/4	4258.05	1/4	3941.15	1/4	3624.26	1/4	3307.36	1/4	2990.46	1/4	2673.57	1/4	2356.67	1/4	2039.78	1/4	1722.88	1/4	1405.98	1/4	1089.09	1/4	772.19	1/4	464.37		
1/2		1/2	4251.45	1/2	3934.55	1/2	3617.65	1/2	3300.76	1/2	2983.86	1/2	2666.97	1/2	2350.07	1/2	2033.17	1/2	1716.28	1/2	1399.38	1/2	1082.49	1/2	765.59	1/2	458.48		
3/4		3/4	4244.84	3/4	3927.95	3/4	3611.05	3/4	3294.16	3/4	2977.26	3/4	2660.36	3/4	2343.47	3/4	2026.57	3/4	1709.68	3/4	1392.78	3/4	1075.88	3/4	758.99	3/4	452.60		
<b>4</b>		<b>4</b>	4238.24	<b>4</b>	3921.35	<b>4</b>	3604.45	<b>4</b>	3287.55	<b>4</b>	2970.66	<b>4</b>	2653.76	<b>4</b>	2336.87	<b>4</b>	2019.97	<b>4</b>	1703.07	<b>4</b>	1386.18	<b>4</b>	1069.28	<b>4</b>	752.39	<b>4</b>	446.72		
1/4		1/4	4231.64	1/4	3914.74	1/4	3597.85	1/4	3280.95	1/4	2964.06	1/4	2647.16	1/4	2330.26	1/4	2013.37	1/4	1696.47	1/4	1379.58	1/4	1062.68	1/4	745.78	1/4	440.83		
1/2		1/2	4225.04	1/2	3906.14	1/2	3591.25	1/2	3274.35	1/2	2957.45	1/2	2640.56	1/2	2323.66	1/2	2006.77	1/2	1689.87	1/2	1372.97	1/2	1056.08	1/2	739.18	1/2	434.95		
3/4		3/4	4218.44	3/4	3901.54	3/4	3584.64	3/4	3267.75	3/4	2950.85	3/4	2633.96	3/4	2317.06	3/4	2000.16	3/4	1683.27	3/4	1366.37	3/4	1049.48	3/4	732.58	3/4	429.07		
<b>5</b>		<b>5</b>	4211.83	<b>5</b>	3894.94	<b>5</b>	3578.04	<b>5</b>	3261.15	<b>5</b>	2944.25	<b>5</b>	2627.35	<b>5</b>	2310.46	<b>5</b>	1993.56	<b>5</b>	1676.67	<b>5</b>	1359.77	<b>5</b>	1042.87	<b>5</b>	725.98	<b>5</b>	423.18		
1/4		1/4	4205.23	1/4	3888.34	1/4	3571.44	1/4	3254.54	1/4	2937.65	1/4	2620.75	1/4	2303.86	1/4	1986.96	1/4	1670.06	1/4	1353.17	1/4	1036.27	1/4	719.38	1/4	417.30		
1/2		1/2	4198.63	1/2	3881.73	1/2	3564.84	1/2	3247.94	1/2	2931.05	1/2	2614.15	1/2	2297.25	1/2	1980.36	1/2	1663.46	1/2	1346.57	1/2	1029.67	1/2	712.77	1/2	411.42		
3/4		3/4	4192.03	3/4	3875.13	3/4	3558.24	3/4	3241.34	3/4	2924.44	3/4	2607.55	3/4	2290.65	3/4	1973.76	3/4	1656.86	3/4	1339.96	3/4	1023.07	3/4	706.17	3/4	405.82		
<b>6</b>		<b>6</b>	4185.43	<b>6</b>	3868.53	<b>6</b>	3551.63	<b>6</b>	3234.74	<b>6</b>	2917.84	<b>6</b>	2600.95	<b>6</b>	2284.05	<b>6</b>	1967.15	<b>6</b>	1650.26	<b>6</b>	1333.36	<b>6</b>	1016.47	<b>6</b>	699.57	<b>6</b>	400.23		
1/4		1/4	4178.82	1/4	3861.93	1/4	3545.03	1/4	3228.14	1/4	2911.24	1/4	2594.34	1/4	2277.45	1/4	1960.55	1/4	1643.66	1/4	1326.76	1/4	1009.86	1/4	692.97	1/4	394.63		
1/2		1/2	4172.22	1/2	3855.33	1/2	3538.43	1/2	3221.53	1/2	2904.64	1/2	2587.74	1/2	2270.85	1/2	1953.95	1/2	1637.05	1/2	1320.16	1/2	1003.26	1/2	686.37	1/2	389.04		
3/4		3/4	4165.62	3/4	3848.72	3/4	3531.83	3/4	3214.93	3/4	2898.04	3/4	2581.14	3/4	2264.24	3/4	1947.35	3/4	1630.45	3/4	1313.56	3/4	996.66	3/4	679.76	3/4	383.44		
<b>7</b>		<b>7</b>	4159.02	<b>7</b>	3842.12	<b>7</b>	3535.23	<b>7</b>	3208.33	<b>7</b>	2891.43	<b>7</b>	2574.54	<b>7</b>	2257.64	<b>7</b>	1940.75	<b>7</b>	1623.85	<b>7</b>	1306.95	<b>7</b>	990.06	<b>7</b>	673.16	<b>7</b>	377.85		
1/4		1/4	4152.42	1/4	3835.52	1/4	3518.62	1/4	3201.73	1/4	2884.83	1/4	2567.94	1/4	2251.04	1/4	1934.14	1/4	1617.25	1/4	1300.35	1/4	983.46	1/4	666.56	1/4	372.25		
1/2		1/2	4145.81	1/2	3828.93	1/2	3512.02	1/2	3195.13	1/2	2878.23	1/2	2561.33	1/2	2244.44	1/2	1927.54	1/2	1610.65	1/2	1293.75	1/2	976.85	1/2	659.96	1/2	366.66		
3/4		3/4	4139.21	3/4	3822.32	3/4	3505.42	3/4	3188.52	3/4	2871.63	3/4	2554.73	3/4	2237.84	3/4	1920.94	3/4	1604.04	3/4	1287.15	3/4	970.25	3/4	653.36	3/4	361.06		
<b>8</b>		<b>8</b>	4132.61	<b>8</b>	3815.71	<b>8</b>	3498.82	<b>8</b>	3181.92	<b>8</b>	2865.03	<b>8</b>	2548.13	<b>8</b>	2231.23	<b>8</b>	1914.34	<b>8</b>	1597.44	<b>8</b>	1280.55	<b>8</b>	963.65	<b>8</b>	646.75	<b>8</b>	355.47		
1/4		1/4	4126.01	1/4	3809.11	1/4	3492.22	1/4	3175.32	1/4	2858.42	1/4	2541.53	1/4	2224.63	1/4	1907.74	1/4	1590.84	1/4	1273.94	1/4	957.05	1/4	640.15	1/4	349.87		
1/2		1/2	4119.41	1/2	3802.51	1/2	3485.61	1/2	3168.72	1/2	2851.82	1/2	2534.93	1/2	2218.03	1/2	1901.13	1/2	1584.24	1/2	1267.34	1/2	950.45	1/2	633.55	1/2	344.28		
3/4		3/4	4112.80	3/4	3795.91	3/4	3479.01	3/4	3162.12	3/4	2845.22	3/4	2528.32	3/4	2211.43	3/4	1894.53	3/4	1577.64	3/4	1260.74	3/4	943.84	3/4	627.09	3/4	338.97		
<b>9</b>	4353.57	<b>9</b>	4106.20	<b>9</b>	3789.31	<b>9</b>	3472.41	<b>9</b>	3155.51	<b>9</b>	2838.62	<b>9</b>	2521.72	<b>9</b>	2204.83	<b>9</b>	1887.93	<b>9</b>	1571.03	<b>9</b>	1254.14	<b>9</b>	937.24	<b>9</b>	620.64	<b>9</b>	333.66		
1/4	4353.43	1/4	4099.60	1/4	3782.70	1/4	3465.81	1/4	3148.91	1/4	2832.02	1/4	2515.12	1/4	2198.22	1/4													

MAGNOLIA MARINE - BARGE "MM 112"

OUTAGE TABLE

1 STAR CONT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO 4313

14 FEET		15 FEET		16 FEET		17 FEET		18 FEET		19 FEET		20 FEET		21 FEET		22 FEET		23 FEET		24 FEET		25 FEET		26 FEET		FEET			
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.			
<b>0</b>	270.54	<b>0</b>	52.54	<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>	
1/4	265.52	1/4	48.67	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	260.50	1/2	44.80	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	255.48	3/4	41.23	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>1</b>	250.46	<b>1</b>	37.66	<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>	
1/4	245.44	1/4	21.59	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	240.41	1/2	18.61	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	235.39	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>2</b>	230.37	<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>	
1/4	225.35	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	220.33	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	215.60	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>3</b>	210.86	<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>	
1/4	206.13	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	201.40	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	196.67	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>4</b>	191.93	<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>	
1/4	187.20	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	182.47	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	177.73	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>5</b>	173.00	<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>	
1/4	168.27	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163.53	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159.09	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>6</b>	154.64	<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>	
1/4	150.20	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	145.75	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	141.30	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>7</b>	136.86	<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>	
1/4	132.41	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127.97	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123.52	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>8</b>	119.07	<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>	
1/4	114.63	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110.18	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	106.02	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>9</b>	101.87	<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>	
1/4	97.71	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	93.55	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	89.39	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>10</b>	85.23	<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>	
1/4	81.08	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	76.92	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	72.76	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>11</b>	68.60	<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>	
1/4	64.44	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	60.29	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	56.42	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CAPACITY IN: 42-GALLON BARRELS

GAUGE HEIGHT: 15'-2 1/2" (TO 2" DIAMETER STANDPIPE LOCATED NEAR CENTER OF TANK)

STRAPPED 4/27/98

\*CAPACITY BELOW STRIKE POINT

MAGNOLIA MARINE - BARGE "MM 112"

OUTAGE TABLE

2 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO 4313

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>	4079.74	<b>0</b>	3810.74	<b>0</b>	3524.08	<b>0</b>	3237.43	<b>0</b>	2950.77	<b>0</b>	2664.11	<b>0</b>	2377.46	<b>0</b>	2090.80	<b>0</b>	1804.15	<b>0</b>	1517.49	<b>0</b>	1230.83	<b>0</b>	944.18	<b>0</b>	657.52		
1/4		1/4	4076.61	1/4	3804.77	1/4	3518.11	1/4	3231.45	1/4	2944.80	1/4	2658.14	1/4	2371.49	1/4	2084.83	1/4	1798.17	1/4	1511.52	1/4	1224.86	1/4	938.21	1/4	651.55		
1/2		1/2	4073.49	1/2	3798.79	1/2	3512.14	1/2	3225.48	1/2	2938.83	1/2	2652.17	1/2	2365.51	1/2	2078.86	1/2	1792.20	1/2	1505.55	1/2	1218.89	1/2	932.23	1/2	645.58		
3/4		3/4	4070.37	3/4	3792.82	3/4	3506.17	3/4	3219.51	3/4	2932.85	3/4	2646.20	3/4	2359.54	3/4	2072.89	3/4	1786.23	3/4	1499.57	3/4	1212.92	3/4	926.26	3/4	639.61		
<b>1</b>		<b>1</b>	4066.10	<b>1</b>	3786.85	<b>1</b>	3500.19	<b>1</b>	3213.54	<b>1</b>	2926.88	<b>1</b>	2640.23	<b>1</b>	2353.57	<b>1</b>	2066.91	<b>1</b>	1780.26	<b>1</b>	1493.60	<b>1</b>	1206.95	<b>1</b>	920.29	<b>1</b>	633.63		
1/4		1/4	4061.84	1/4	3780.88	1/4	3494.22	1/4	3207.57	1/4	2920.91	1/4	2634.25	1/4	2347.60	1/4	2060.94	1/4	1774.29	1/4	1487.63	1/4	1200.97	1/4	914.32	1/4	627.69		
1/2		1/2	4057.58	1/2	3774.91	1/2	3488.25	1/2	3201.59	1/2	2914.94	1/2	2628.28	1/2	2341.63	1/2	2054.97	1/2	1768.31	1/2	1481.66	1/2	1195.00	1/2	908.35	1/2	621.69		
3/4		3/4	4053.31	3/4	3768.93	3/4	3482.28	3/4	3195.62	3/4	2908.97	3/4	2622.31	3/4	2335.65	3/4	2049.00	3/4	1762.34	3/4	1475.69	3/4	1189.03	3/4	902.37	3/4	615.72		
<b>2</b>		<b>2</b>	4047.91	<b>2</b>	3762.96	<b>2</b>	3476.31	<b>2</b>	3189.65	<b>2</b>	2902.99	<b>2</b>	2616.34	<b>2</b>	2329.68	<b>2</b>	2043.03	<b>2</b>	1756.37	<b>2</b>	1469.71	<b>2</b>	1183.06	<b>2</b>	896.40	<b>2</b>	609.75		
1/4		1/4	4042.51	1/4	3756.99	1/4	3470.33	1/4	3183.68	1/4	2897.02	1/4	2610.37	1/4	2323.71	1/4	2037.05	1/4	1750.40	1/4	1463.74	1/4	1177.09	1/4	890.43	1/4	603.77		
1/2		1/2	4037.11	1/2	3751.02	1/2	3464.36	1/2	3177.71	1/2	2891.05	1/2	2604.39	1/2	2317.74	1/2	2031.08	1/2	1744.43	1/2	1457.77	1/2	1171.11	1/2	884.46	1/2	597.80		
3/4		3/4	4031.70	3/4	3745.05	3/4	3458.39	3/4	3171.73	3/4	2885.08	3/4	2598.42	3/4	2311.77	3/4	2025.11	3/4	1738.45	3/4	1451.80	3/4	1165.14	3/4	878.49	3/4	591.83		
<b>3</b>		<b>3</b>	4025.73	<b>3</b>	3739.07	<b>3</b>	3452.42	<b>3</b>	3165.76	<b>3</b>	2879.11	<b>3</b>	2592.45	<b>3</b>	2305.79	<b>3</b>	2019.14	<b>3</b>	1732.48	<b>3</b>	1445.83	<b>3</b>	1159.17	<b>3</b>	872.51	<b>3</b>	585.86		
1/4		1/4	4019.76	1/4	3733.10	1/4	3446.45	1/4	3159.79	1/4	2873.13	1/4	2586.48	1/4	2299.82	1/4	2013.17	1/4	1726.51	1/4	1439.85	1/4	1153.20	1/4	866.54	1/4	579.89		
1/2		1/2	4013.79	1/2	3727.13	1/2	3440.47	1/2	3153.82	1/2	2867.16	1/2	2580.51	1/2	2293.85	1/2	2007.19	1/2	1720.54	1/2	1433.88	1/2	1147.23	1/2	860.57	1/2	573.91		
3/4		3/4	4007.81	3/4	3721.16	3/4	3434.50	3/4	3147.85	3/4	2861.19	3/4	2574.53	3/4	2287.88	3/4	2001.22	3/4	1714.57	3/4	1427.91	3/4	1141.25	3/4	854.60	3/4	567.94		
<b>4</b>		<b>4</b>	4001.84	<b>4</b>	3715.19	<b>4</b>	3428.53	<b>4</b>	3141.87	<b>4</b>	2855.22	<b>4</b>	2568.56	<b>4</b>	2281.91	<b>4</b>	1995.25	<b>4</b>	1708.59	<b>4</b>	1421.94	<b>4</b>	1135.28	<b>4</b>	848.63	<b>4</b>	561.97		
1/4		1/4	3995.87	1/4	3709.21	1/4	3422.56	1/4	3135.90	1/4	2849.25	1/4	2562.59	1/4	2275.93	1/4	1989.28	1/4	1702.62	1/4	1415.97	1/4	1129.31	1/4	842.65	1/4	556.00		
1/2		1/2	3989.90	1/2	3703.24	1/2	3416.59	1/2	3129.93	1/2	2843.27	1/2	2556.62	1/2	2269.96	1/2	1983.31	1/2	1696.65	1/2	1409.99	1/2	1123.34	1/2	836.68	1/2	550.03		
3/4		3/4	3983.93	3/4	3697.27	3/4	3410.61	3/4	3123.96	3/4	2837.30	3/4	2550.65	3/4	2263.99	3/4	1977.33	3/4	1690.68	3/4	1404.02	3/4	1117.37	3/4	830.71	3/4	544.05		
<b>5</b>		<b>5</b>	3977.95	<b>5</b>	3691.30	<b>5</b>	3404.64	<b>5</b>	3117.99	<b>5</b>	2831.33	<b>5</b>	2544.67	<b>5</b>	2258.02	<b>5</b>	1971.36	<b>5</b>	1684.71	<b>5</b>	1398.05	<b>5</b>	1111.39	<b>5</b>	824.74	<b>5</b>	538.08		
1/4		1/4	3971.98	1/4	3685.33	1/4	3398.67	1/4	3112.01	1/4	2825.36	1/4	2538.70	1/4	2252.05	1/4	1965.39	1/4	1678.73	1/4	1392.08	1/4	1105.42	1/4	818.77	1/4	532.11		
1/2		1/2	3966.01	1/2	3679.35	1/2	3392.70	1/2	3106.04	1/2	2819.39	1/2	2532.73	1/2	2246.07	1/2	1959.42	1/2	1672.76	1/2	1386.11	1/2	1099.45	1/2	812.79	1/2	526.14		
3/4		3/4	3960.04	3/4	3673.38	3/4	3386.73	3/4	3100.07	3/4	2813.41	3/4	2526.76	3/4	2240.10	3/4	1953.45	3/4	1666.79	3/4	1380.13	3/4	1093.48	3/4	806.82	3/4	520.17		
<b>6</b>		<b>6</b>	3954.07	<b>6</b>	3667.41	<b>6</b>	3380.75	<b>6</b>	3094.10	<b>6</b>	2807.44	<b>6</b>	2520.79	<b>6</b>	2234.13	<b>6</b>	1947.47	<b>6</b>	1660.82	<b>6</b>	1374.16	<b>6</b>	1087.51	<b>6</b>	800.85	<b>6</b>	514.19		
1/4		1/4	3948.09	1/4	3661.44	1/4	3374.78	1/4	3088.13	1/4	2801.47	1/4	2514.84	1/4	2228.16	1/4	1941.50	1/4	1654.85	1/4	1368.19	1/4	1081.53	1/4	794.88	1/4	508.22		
1/2		1/2	3942.12	1/2	3655.47	1/2	3368.81	1/2	3082.15	1/2	2795.50	1/2	2508.84	1/2	2222.19	1/2	1935.53	1/2	1648.87	1/2	1361.22	1/2	1075.56	1/2	788.91	1/2	502.25		
3/4		3/4	3936.15	3/4	3649.49	3/4	3362.84	3/4	3076.18	3/4	2789.53	3/4	2502.87	3/4	2216.21	3/4	1929.56	3/4	1642.90	3/4	1356.25	3/4	1069.59	3/4	782.93	3/4	496.28		
<b>7</b>		<b>7</b>	3930.18	<b>7</b>	3643.52	<b>7</b>	3356.87	<b>7</b>	3070.21	<b>7</b>	2783.55	<b>7</b>	2496.90	<b>7</b>	2210.24	<b>7</b>	1923.59	<b>7</b>	1636.93	<b>7</b>	1350.27	<b>7</b>	1063.62	<b>7</b>	776.96	<b>7</b>	490.31		
1/4		1/4	3924.21	1/4	3637.55	1/4	3350.89	1/4	3064.24	1/4	2777.58	1/4	2490.93	1/4	2204.27	1/4	1917.61	1/4	1630.96	1/4	1344.30	1/4	1057.65	1/4	770.99	1/4	484.33		
1/2		1/2	3918.23	1/2	3631.58	1/2	3344.92	1/2	3058.27	1/2	2771.61	1/2	2484.95	1/2	2198.30	1/2	1911.64	1/2	1624.99	1/2	1338.33	1/2	1051.67	1/2	765.02	1/2	478.36		
3/4		3/4	3912.26	3/4	3625.61	3/4	3338.95	3/4	3052.29	3/4	2765.64	3/4	2478.98	3/4	2192.33	3/4	1905.67	3/4	1619.01	3/4	1332.36	3/4	1045.70	3/4	759.05	3/4	472.39		
<b>8</b>		<b>8</b>	3906.29	<b>8</b>	3619.63	<b>8</b>	3332.98	<b>8</b>	3046.32	<b>8</b>	2759.67	<b>8</b>	2473.01	<b>8</b>	2186.35	<b>8</b>	1899.70	<b>8</b>	1613.04	<b>8</b>	1326.39	<b>8</b>	1039.73	<b>8</b>	753.07	<b>8</b>	466.42		
1/4		1/4	3900.32	1/4	3613.66	1/4	3327.01	1/4	3040.35	1/4	2753.69	1/4	2467.04	1/4	2180.38	1/4	1893.73	1/4	1607.07	1/4	1320.41	1/4	1033.76	1/4	747.10	1/4	460.45		
1/2		1/2	3894.35	1/2	3607.69	1/2	3321.03	1/2	3034.38	1/2	2747.72	1/2	2461.07	1/2	2174.41	1/2	1887.75	1/2	1601.10	1/2	1314.44	1/2	1027.79	1/2	741.13	1/2	454.47		
3/4		3/4	3888.37	3/4	3601.72	3/4	3315.06	3/4	3028.41	3/4	2741.75	3/4	2455.09	3/4	2168.44	3/4	1881.78	3/4	1595.13	3/4	1308.47	3/4	1021.81	3/4	735.16	3/4	448.50		
<b>9</b>		<b>9</b>	3882.40	<b>9</b>	3595.75	<b>9</b>	3309.09	<b>9</b>	3022.43	<b>9</b>	2735.78	<b>9</b>	2449.12	<b>9</b>	2162.47	<b>9</b>	1875.81	<b>9</b>	1589.15	<b>9</b>	1302.50	<b>9</b>	1015.84	<b>9</b>	729.19	<b>9</b>	442.53		
1/4		1/4	3876.43	1/4	3589.77	1/4	3303.12	1/4	3016.46	1/4	2729.81	1/4	2443.15	1/4	2156.49	1/4	1869.												

MAGNOLIA MARINE - BARGE "MM 112"

OUTAGE TABLE

2 PORT CONT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO 4313

14 FEET		15 FEET		16 FEET		17 FEET		18 FEET		19 FEET		20 FEET		21 FEET		22 FEET		23 FEET		24 FEET		25 FEET		26 FEET		FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0	370.87	0	84.21	0		0		0		0		0		0		0		0		0		0		0		0	
1/4	364.89	1/4	78.24	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	358.92	1/2	72.27	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	352.95	3/4	66.29	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	346.98	1	60.32	1		1		1		1		1		1		1		1		1		1		1		1	
1/4	341.01	1/4	54.95	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	335.03	1/2	49.57	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	329.06	3/4	44.20	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	323.09	2	38.83	2		2		2		2		2		2		2		2		2		2		2		2	
1/4	317.12	1/4	34.65	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	311.15	1/2	30.47	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	305.17	3/4	26.29	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	299.20	3	22.11	3		3		3		3		3		3		3		3		3		3		3		3	
1/4	293.23	1/4	19.13	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	287.26	1/2	16.15	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	281.29	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	275.31	4		4		4		4		4		4		4		4		4		4		4		4		4	
1/4	269.34	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	263.37	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	257.40	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	251.43	5		5		5		5		5		5		5		5		5		5		5		5		5	
1/4	245.45	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	239.48	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	233.51	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	227.54	6		6		6		6		6		6		6		6		6		6		6		6		6	
1/4	221.57	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	215.59	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	209.62	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	203.65	7		7		7		7		7		7		7		7		7		7		7		7		7	
1/4	197.68	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	191.71	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	185.73	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	179.76	8		8		8		8		8		8		8		8		8		8		8		8		8	
1/4	173.79	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	167.82	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161.85	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	155.87	9		9		9		9		9		9		9		9		9		9		9		9		9	
1/4	149.90	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	143.93	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	137.96	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	131.99	10		10		10		10		10		10		10		10		10		10		10		10		10	
1/4	126.01	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120.04	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114.07	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	108.10	11		11		11		11		11		11		11		11		11		11		11		11		11	
1/4	102.13	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	96.15	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	90.18	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CAPACITY IN: 42-GALLON BARRELS

GAUGE HEIGHT: 15'-3 1/2" (TO 2" DIAMETER STANDPIPE LOCATED NEAR CENTER OF TANK)

STRAPPED 4/27/98

\*CAPACITY BELOW STRIKE POINT

MAGNOLIA MARINE - BARGE "MM 112"

OUTAGE TABLE

2 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO 4313

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>	4073.49	<b>0</b>	3798.79	<b>0</b>	3512.14	<b>0</b>	3225.48	<b>0</b>	2938.83	<b>0</b>	2652.17	<b>0</b>	2365.51	<b>0</b>	2078.86	<b>0</b>	1792.20	<b>0</b>	1505.55	<b>0</b>	1218.89	<b>0</b>	932.23	<b>0</b>	645.58		
1/4		1/4	4070.37	1/4	3792.82	1/4	3506.17	1/4	3219.51	1/4	2932.85	1/4	2646.20	1/4	2359.54	1/4	2072.89	1/4	1786.23	1/4	1499.57	1/4	1212.92	1/4	926.26	1/4	639.61		
1/2		1/2	4066.10	1/2	3786.85	1/2	3500.19	1/2	3213.54	1/2	2926.88	1/2	2640.23	1/2	2353.57	1/2	2066.91	1/2	1780.26	1/2	1493.60	1/2	1206.95	1/2	920.29	1/2	633.63		
3/4		3/4	4061.84	3/4	3780.88	3/4	3494.22	3/4	3207.57	3/4	2920.91	3/4	2634.25	3/4	2347.60	3/4	2060.94	3/4	1774.29	3/4	1487.63	3/4	1200.97	3/4	914.32	3/4	627.66		
<b>1</b>		<b>1</b>	4057.58	<b>1</b>	3774.91	<b>1</b>	3488.25	<b>1</b>	3201.59	<b>1</b>	2914.94	<b>1</b>	2628.28	<b>1</b>	2341.63	<b>1</b>	2054.97	<b>1</b>	1768.31	<b>1</b>	1481.66	<b>1</b>	1195.00	<b>1</b>	908.35	<b>1</b>	621.69		
1/4		1/4	4053.31	1/4	3768.93	1/4	3482.28	1/4	3195.62	1/4	2908.97	1/4	2622.31	1/4	2335.65	1/4	2049.00	1/4	1762.34	1/4	1475.69	1/4	1189.03	1/4	902.37	1/4	615.72		
1/2		1/2	4047.91	1/2	3762.96	1/2	3476.31	1/2	3189.65	1/2	2902.99	1/2	2616.34	1/2	2329.68	1/2	2043.03	1/2	1756.37	1/2	1469.71	1/2	1183.06	1/2	896.40	1/2	609.75		
3/4		3/4	4042.51	3/4	3756.99	3/4	3470.33	3/4	3183.68	3/4	2897.02	3/4	2610.37	3/4	2323.71	3/4	2037.05	3/4	1750.40	3/4	1463.74	3/4	1177.09	3/4	890.43	3/4	603.77		
<b>2</b>		<b>2</b>	4037.11	<b>2</b>	3751.02	<b>2</b>	3464.36	<b>2</b>	3177.71	<b>2</b>	2891.05	<b>2</b>	2604.39	<b>2</b>	2317.74	<b>2</b>	2031.08	<b>2</b>	1744.43	<b>2</b>	1457.77	<b>2</b>	1171.11	<b>2</b>	884.46	<b>2</b>	597.80		
1/4		1/4	4031.70	1/4	3745.05	1/4	3458.39	1/4	3171.73	1/4	2885.08	1/4	2598.42	1/4	2311.77	1/4	2025.11	1/4	1738.45	1/4	1451.80	1/4	1165.14	1/4	878.49	1/4	591.83		
1/2		1/2	4025.73	1/2	3739.07	1/2	3452.42	1/2	3165.76	1/2	2879.11	1/2	2592.45	1/2	2305.79	1/2	2019.14	1/2	1732.48	1/2	1445.83	1/2	1159.17	1/2	872.51	1/2	585.86		
3/4		3/4	4019.76	3/4	3744.10	3/4	3446.45	3/4	3159.79	3/4	2873.13	3/4	2586.48	3/4	2299.82	3/4	2013.17	3/4	1726.51	3/4	1439.85	3/4	1153.20	3/4	866.54	3/4	579.89		
<b>3</b>		<b>3</b>	4013.79	<b>3</b>	3727.13	<b>3</b>	3440.47	<b>3</b>	3153.82	<b>3</b>	2867.16	<b>3</b>	2580.51	<b>3</b>	2293.85	<b>3</b>	2007.19	<b>3</b>	1720.54	<b>3</b>	1433.88	<b>3</b>	1147.23	<b>3</b>	860.57	<b>3</b>	573.91		
1/4		1/4	4007.81	1/4	3721.16	1/4	3434.50	1/4	3147.85	1/4	2861.19	1/4	2574.53	1/4	2287.88	1/4	2001.22	1/4	1714.57	1/4	1427.91	1/4	1141.25	1/4	854.60	1/4	567.94		
1/2		1/2	4001.84	1/2	3715.19	1/2	3428.53	1/2	3141.87	1/2	2855.22	1/2	2568.56	1/2	2281.91	1/2	1995.25	1/2	1708.59	1/2	1421.94	1/2	1135.28	1/2	848.63	1/2	561.97		
3/4		3/4	3995.87	3/4	3709.21	3/4	3422.56	3/4	3135.90	3/4	2849.25	3/4	2562.59	3/4	2275.93	3/4	1989.28	3/4	1702.62	3/4	1415.97	3/4	1129.31	3/4	842.65	3/4	556.00		
<b>4</b>		<b>4</b>	3989.90	<b>4</b>	3703.24	<b>4</b>	3416.59	<b>4</b>	3129.93	<b>4</b>	2843.27	<b>4</b>	2556.62	<b>4</b>	2269.96	<b>4</b>	1983.31	<b>4</b>	1696.65	<b>4</b>	1409.99	<b>4</b>	1123.34	<b>4</b>	836.68	<b>4</b>	550.03		
1/4		1/4	3983.93	1/4	3697.27	1/4	3410.61	1/4	3123.96	1/4	2837.30	1/4	2550.65	1/4	2263.99	1/4	1977.33	1/4	1690.68	1/4	1404.02	1/4	1117.37	1/4	830.71	1/4	544.05		
1/2		1/2	3977.95	1/2	3691.30	1/2	3404.64	1/2	3117.99	1/2	2831.33	1/2	2544.67	1/2	2258.02	1/2	1971.36	1/2	1684.71	1/2	1398.05	1/2	1111.39	1/2	824.74	1/2	538.08		
3/4		3/4	3971.98	3/4	3685.33	3/4	3398.67	3/4	3112.01	3/4	2825.36	3/4	2538.70	3/4	2252.05	3/4	1965.39	3/4	1678.73	3/4	1392.08	3/4	1105.42	3/4	818.77	3/4	532.11		
<b>5</b>		<b>5</b>	3966.01	<b>5</b>	3679.35	<b>5</b>	3392.70	<b>5</b>	3106.04	<b>5</b>	2819.39	<b>5</b>	2532.73	<b>5</b>	2246.07	<b>5</b>	1959.42	<b>5</b>	1672.76	<b>5</b>	1386.11	<b>5</b>	1099.45	<b>5</b>	812.79	<b>5</b>	526.14		
1/4		1/4	3960.04	1/4	3673.38	1/4	3386.73	1/4	3100.07	1/4	2813.41	1/4	2526.76	1/4	2240.10	1/4	1953.45	1/4	1666.79	1/4	1380.13	1/4	1093.48	1/4	806.82	1/4	520.17		
1/2		1/2	3954.07	1/2	3667.41	1/2	3380.75	1/2	3094.10	1/2	2807.44	1/2	2520.79	1/2	2234.13	1/2	1947.47	1/2	1660.82	1/2	1374.16	1/2	1087.51	1/2	800.85	1/2	514.19		
3/4		3/4	3948.09	3/4	3661.44	3/4	3374.78	3/4	3088.13	3/4	2801.47	3/4	2514.81	3/4	2228.16	3/4	1941.50	3/4	1654.85	3/4	1368.19	3/4	1081.53	3/4	794.88	3/4	508.22		
<b>6</b>		<b>6</b>	3948.09	<b>6</b>	3655.47	<b>6</b>	3368.81	<b>6</b>	3082.15	<b>6</b>	2795.50	<b>6</b>	2508.84	<b>6</b>	2222.19	<b>6</b>	1935.53	<b>6</b>	1648.87	<b>6</b>	1362.22	<b>6</b>	1075.56	<b>6</b>	788.91	<b>6</b>	502.25		
1/4		1/4	3942.12	1/4	3649.49	1/4	3362.84	1/4	3076.18	1/4	2789.53	1/4	2502.87	1/4	2216.21	1/4	1929.56	1/4	1642.90	1/4	1356.25	1/4	1069.59	1/4	782.93	1/4	496.28		
1/2		1/2	3930.18	1/2	3643.52	1/2	3356.87	1/2	3070.21	1/2	2783.55	1/2	2496.90	1/2	2210.24	1/2	1923.59	1/2	1636.93	1/2	1350.27	1/2	1063.62	1/2	776.96	1/2	490.31		
3/4		3/4	3924.21	3/4	3637.55	3/4	3350.89	3/4	3064.24	3/4	2777.58	3/4	2490.93	3/4	2204.27	3/4	1917.61	3/4	1630.96	3/4	1344.30	3/4	1057.65	3/4	770.99	3/4	484.33		
<b>7</b>		<b>7</b>	3918.23	<b>7</b>	3631.58	<b>7</b>	3344.92	<b>7</b>	3058.27	<b>7</b>	2771.61	<b>7</b>	2484.95	<b>7</b>	2198.30	<b>7</b>	1911.64	<b>7</b>	1624.99	<b>7</b>	1338.33	<b>7</b>	1051.67	<b>7</b>	765.02	<b>7</b>	478.36		
1/4		1/4	3912.26	1/4	3625.61	1/4	3338.95	1/4	3052.29	1/4	2765.64	1/4	2478.98	1/4	2192.33	1/4	1905.67	1/4	1619.01	1/4	1332.36	1/4	1045.70	1/4	759.05	1/4	472.39		
1/2		1/2	3906.29	1/2	3619.63	1/2	3332.98	1/2	3046.32	1/2	2759.67	1/2	2473.01	1/2	2186.35	1/2	1899.70	1/2	1613.04	1/2	1326.39	1/2	1039.73	1/2	753.07	1/2	466.42		
3/4		3/4	3900.32	3/4	3613.66	3/4	3327.01	3/4	3040.35	3/4	2753.69	3/4	2467.04	3/4	2180.38	3/4	1893.73	3/4	1607.07	3/4	1320.41	3/4	1033.76	3/4	747.10	3/4	460.45		
<b>8</b>		<b>8</b>	3894.35	<b>8</b>	3607.69	<b>8</b>	3321.03	<b>8</b>	3034.38	<b>8</b>	2747.72	<b>8</b>	2461.07	<b>8</b>	2174.41	<b>8</b>	1887.75	<b>8</b>	1601.10	<b>8</b>	1314.44	<b>8</b>	1027.79	<b>8</b>	741.13	<b>8</b>	454.47		
1/4		1/4	3888.37	1/4	3601.72	1/4	3315.06	1/4	3028.41	1/4	2741.75	1/4	2455.09	1/4	2168.44	1/4	1881.78	1/4	1595.13	1/4	1308.47	1/4	1021.81	1/4	735.16	1/4	448.50		
1/2		1/2	3882.40	1/2	3595.75	1/2	3309.09	1/2	3022.43	1/2	2735.78	1/2	2449.12	1/2	2162.47	1/2	1875.81	1/2	1589.15	1/2	1302.50	1/2	1015.84	1/2	729.19	1/2	442.53		
3/4		3/4	3876.43	3/4	3589.77	3/4	3303.12	3/4	3016.46	3/4	2729.81	3/4	2443.15	3/4	2156.49	3/4	1869.84	3/4	1583.18	3/4	1296.53	3/4	1009.87	3/4	723.21	3/4	436.56		
<b>9</b>	4094.32	<b>9</b>	3870.46	<b>9</b>	3583.80	<b>9</b>	3297.15	<b>9</b>	3010.49	<b>9</b>	2723.83	<b>9</b>	2437.18	<b>9</b>	2150.52	<b>9</b>	1863.87	<b>9</b>	1577.21	<b>9</b>	1290.55	<b>9</b>	1003.90	<b>9</b>	717.24	<b>9</b>	430.59		
1/4	4094.19	1/4	3864.49	1/4	3577.83	1/4	3291.17	1/4	3004.52	1/4	2717.86	1/4	2431.21	1/4	2144.55														

MAGNOLIA MARINE - BARGE "MM 112"

OUTAGE TABLE

2 STAR CONT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO 4313

14 FEET		15 FEET		16 FEET		17 FEET		18 FEET		19 FEET		20 FEET		21 FEET		22 FEET		23 FEET		24 FEET		25 FEET		26 FEET		FEET			
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.			
<b>0</b>	358.92	<b>0</b>	72.27	<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>	
1/4	352.95	1/4	66.29	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	346.98	1/2	60.32	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	341.01	3/4	54.95	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>1</b>	335.03	<b>1</b>	49.57	<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>	
1/4	329.06	1/4	44.20	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	323.09	1/2	38.83	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	317.12	3/4	34.65	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>2</b>	311.15	<b>2</b>	30.47	<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>	
1/4	305.17	1/4	26.29	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	299.20	1/2	22.11	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	293.23	3/4	19.13	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>3</b>	287.26	<b>3</b>	16.15	<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>	
1/4	281.29	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	275.31	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	269.34	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>4</b>	263.37	<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>	
1/4	257.40	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	251.43	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	245.45	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>5</b>	239.48	<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>	
1/4	233.51	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	227.54	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	221.57	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>6</b>	215.59	<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>	
1/4	209.62	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	203.65	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	197.68	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>7</b>	191.71	<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>	
1/4	185.73	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	179.76	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	173.79	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>8</b>	167.82	<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>	
1/4	161.85	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155.87	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	149.90	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>9</b>	143.93	<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>	
1/4	137.95	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	131.99	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126.01	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>10</b>	120.04	<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>	
1/4	114.07	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	108.10	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	102.13	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>11</b>	96.15	<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>	
1/4	90.18	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	84.21	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	78.24	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CAPACITY IN: 42-GALLON BARRELS

GAUGE HEIGHT: 15'-3" (TO 2" DIAMETER STANDPIPE LOCATED NEAR CENTER OF TANK)

STRAPPED 4/27/98

\*CAPACITY BELOW STRIKE POINT

MAGNOLIA MARINE - BARGE "MM 112"

OUTAGE TABLE

3 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO 4313

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>	4074.95	<b>0</b>	3806.26	<b>0</b>	3519.94	<b>0</b>	3233.62	<b>0</b>	2947.30	<b>0</b>	2660.98	<b>0</b>	2374.66	<b>0</b>	2088.34	<b>0</b>	1802.02	<b>0</b>	1515.70	<b>0</b>	1229.38	<b>0</b>	943.06	<b>0</b>	656.74		
1/4		1/4	4071.83	1/4	3800.30	1/4	3513.98	1/4	3227.66	1/4	2941.34	1/4	2655.02	1/4	2368.70	1/4	2082.38	1/4	1796.06	1/4	1509.74	1/4	1223.42	1/4	937.10	1/4	650.78		
1/2		1/2	4068.71	1/2	3794.33	1/2	3508.01	1/2	3221.69	1/2	2935.37	1/2	2649.05	1/2	2362.73	1/2	2076.41	1/2	1790.09	1/2	1503.77	1/2	1217.45	1/2	931.13	1/2	644.81		
3/4		3/4	4065.59	3/4	3788.37	3/4	3502.05	3/4	3215.73	3/4	2929.41	3/4	2643.09	3/4	2356.77	3/4	2070.45	3/4	1784.13	3/4	1497.81	3/4	1211.49	3/4	925.17	3/4	638.85		
<b>1</b>		<b>1</b>	4061.33	<b>1</b>	3782.40	<b>1</b>	3496.08	<b>1</b>	3209.76	<b>1</b>	2923.44	<b>1</b>	2637.12	<b>1</b>	2350.80	<b>1</b>	2064.48	<b>1</b>	1778.16	<b>1</b>	1491.84	<b>1</b>	1205.52	<b>1</b>	919.20	<b>1</b>	632.88		
1/4		1/4	4057.07	1/4	3776.44	1/4	3490.12	1/4	3203.80	1/4	2917.48	1/4	2631.16	1/4	2344.84	1/4	2058.52	1/4	1772.20	1/4	1485.88	1/4	1199.56	1/4	913.24	1/4	626.92		
1/2		1/2	4052.81	1/2	3770.47	1/2	3484.15	1/2	3197.83	1/2	2911.51	1/2	2625.19	1/2	2338.87	1/2	2052.55	1/2	1766.23	1/2	1479.91	1/2	1193.59	1/2	907.27	1/2	620.95		
3/4		3/4	4048.55	3/4	3764.51	3/4	3478.19	3/4	3191.87	3/4	2905.55	3/4	2619.23	3/4	2332.91	3/4	2046.59	3/4	1760.27	3/4	1473.95	3/4	1187.63	3/4	901.31	3/4	614.99		
<b>2</b>		<b>2</b>	4043.16	<b>2</b>	3758.54	<b>2</b>	3472.22	<b>2</b>	3185.90	<b>2</b>	2899.58	<b>2</b>	2613.26	<b>2</b>	2326.94	<b>2</b>	2040.62	<b>2</b>	1754.30	<b>2</b>	1467.98	<b>2</b>	1181.66	<b>2</b>	895.34	<b>2</b>	609.02		
1/4		1/4	4037.76	1/4	3752.58	1/4	3466.26	1/4	3179.94	1/4	2893.62	1/4	2607.30	1/4	2320.98	1/4	2034.66	1/4	1748.34	1/4	1462.02	1/4	1175.70	1/4	889.38	1/4	603.06		
1/2		1/2	4032.36	1/2	3746.61	1/2	3460.29	1/2	3173.97	1/2	2887.65	1/2	2601.33	1/2	2315.01	1/2	2028.69	1/2	1742.37	1/2	1456.05	1/2	1169.73	1/2	883.41	1/2	597.09		
3/4		3/4	4026.97	3/4	3740.65	3/4	3454.33	3/4	3168.01	3/4	2881.69	3/4	2595.37	3/4	2309.05	3/4	2022.73	3/4	1736.41	3/4	1450.09	3/4	1163.77	3/4	877.45	3/4	591.13		
<b>3</b>		<b>3</b>	4021.00	<b>3</b>	3734.68	<b>3</b>	3448.36	<b>3</b>	3162.04	<b>3</b>	2875.72	<b>3</b>	2589.40	<b>3</b>	2303.08	<b>3</b>	2016.76	<b>3</b>	1730.44	<b>3</b>	1444.12	<b>3</b>	1157.80	<b>3</b>	871.48	<b>3</b>	585.16		
1/4		1/4	4015.04	1/4	3728.72	1/4	3442.40	1/4	3156.08	1/4	2869.76	1/4	2583.44	1/4	2297.12	1/4	2010.80	1/4	1724.48	1/4	1438.16	1/4	1151.84	1/4	865.52	1/4	579.20		
1/2		1/2	4009.07	1/2	3722.75	1/2	3436.43	1/2	3150.11	1/2	2863.79	1/2	2577.47	1/2	2291.15	1/2	2004.83	1/2	1718.51	1/2	1432.19	1/2	1145.87	1/2	859.55	1/2	573.23		
3/4		3/4	4003.11	3/4	3716.79	3/4	3430.47	3/4	3144.15	3/4	2857.83	3/4	2571.51	3/4	2285.19	3/4	1998.87	3/4	1712.55	3/4	1426.23	3/4	1139.91	3/4	853.59	3/4	567.27		
<b>4</b>		<b>4</b>	3997.14	<b>4</b>	3710.82	<b>4</b>	3424.50	<b>4</b>	3138.18	<b>4</b>	2851.86	<b>4</b>	2565.54	<b>4</b>	2279.22	<b>4</b>	1992.90	<b>4</b>	1706.58	<b>4</b>	1420.26	<b>4</b>	1133.94	<b>4</b>	847.62	<b>4</b>	561.30		
1/4		1/4	3991.18	1/4	3704.86	1/4	3418.54	1/4	3132.22	1/4	2845.90	1/4	2559.58	1/4	2273.26	1/4	1986.94	1/4	1700.62	1/4	1414.30	1/4	1127.98	1/4	841.66	1/4	555.34		
1/2		1/2	3985.21	1/2	3698.89	1/2	3412.57	1/2	3126.25	1/2	2839.93	1/2	2553.61	1/2	2267.29	1/2	1980.97	1/2	1694.65	1/2	1408.33	1/2	1122.01	1/2	835.69	1/2	549.37		
3/4		3/4	3979.25	3/4	3692.93	3/4	3406.61	3/4	3120.29	3/4	2833.97	3/4	2547.65	3/4	2261.33	3/4	1975.01	3/4	1688.69	3/4	1402.37	3/4	1116.05	3/4	829.73	3/4	543.41		
<b>5</b>		<b>5</b>	3973.28	<b>5</b>	3686.96	<b>5</b>	3400.64	<b>5</b>	3114.32	<b>5</b>	2828.00	<b>5</b>	2541.68	<b>5</b>	2255.36	<b>5</b>	1969.04	<b>5</b>	1682.72	<b>5</b>	1396.40	<b>5</b>	1110.08	<b>5</b>	823.76	<b>5</b>	537.44		
1/4		1/4	3967.32	1/4	3681.00	1/4	3394.68	1/4	3108.36	1/4	2822.04	1/4	2535.72	1/4	2249.40	1/4	1963.08	1/4	1676.76	1/4	1390.44	1/4	1104.12	1/4	817.80	1/4	531.48		
1/2		1/2	3961.35	1/2	3675.03	1/2	3388.71	1/2	3102.39	1/2	2816.07	1/2	2529.75	1/2	2243.43	1/2	1957.11	1/2	1670.79	1/2	1384.47	1/2	1098.15	1/2	811.83	1/2	525.51		
3/4		3/4	3955.39	3/4	3669.07	3/4	3382.75	3/4	3096.43	3/4	2810.11	3/4	2523.79	3/4	2237.47	3/4	1951.15	3/4	1664.83	3/4	1378.51	3/4	1092.19	3/4	805.87	3/4	519.55		
<b>6</b>		<b>6</b>	3949.42	<b>6</b>	3663.10	<b>6</b>	3376.78	<b>6</b>	3090.46	<b>6</b>	2804.14	<b>6</b>	2517.82	<b>6</b>	2231.50	<b>6</b>	1945.18	<b>6</b>	1658.86	<b>6</b>	1372.54	<b>6</b>	1086.22	<b>6</b>	799.90	<b>6</b>	513.58		
1/4		1/4	3943.46	1/4	3657.14	1/4	3370.82	1/4	3084.50	1/4	2798.18	1/4	2511.86	1/4	2225.54	1/4	1939.22	1/4	1652.90	1/4	1366.58	1/4	1080.26	1/4	793.94	1/4	507.62		
1/2		1/2	3937.49	1/2	3651.17	1/2	3364.85	1/2	3078.53	1/2	2792.21	1/2	2505.89	1/2	2219.57	1/2	1933.25	1/2	1646.93	1/2	1360.61	1/2	1074.29	1/2	787.97	1/2	501.65		
3/4		3/4	3931.53	3/4	3645.21	3/4	3358.89	3/4	3072.57	3/4	2786.25	3/4	2499.93	3/4	2213.61	3/4	1927.29	3/4	1640.97	3/4	1354.65	3/4	1068.33	3/4	782.01	3/4	495.69		
<b>7</b>		<b>7</b>	3925.56	<b>7</b>	3639.24	<b>7</b>	3352.92	<b>7</b>	3066.60	<b>7</b>	2780.28	<b>7</b>	2493.96	<b>7</b>	2207.64	<b>7</b>	1921.32	<b>7</b>	1635.00	<b>7</b>	1348.68	<b>7</b>	1062.36	<b>7</b>	776.04	<b>7</b>	489.72		
1/4		1/4	3919.60	1/4	3633.28	1/4	3346.96	1/4	3060.64	1/4	2774.32	1/4	2488.00	1/4	2201.68	1/4	1915.36	1/4	1629.04	1/4	1342.72	1/4	1056.40	1/4	770.08	1/4	483.76		
1/2		1/2	3913.63	1/2	3627.31	1/2	3340.99	1/2	3054.67	1/2	2768.36	1/2	2482.03	1/2	2195.71	1/2	1909.39	1/2	1623.07	1/2	1336.75	1/2	1050.43	1/2	764.11	1/2	477.79		
3/4		3/4	3907.67	3/4	3621.35	3/4	3335.03	3/4	3048.71	3/4	2762.39	3/4	2476.07	3/4	2189.75	3/4	1903.43	3/4	1617.11	3/4	1330.79	3/4	1044.47	3/4	758.15	3/4	471.83		
<b>8</b>		<b>8</b>	3901.70	<b>8</b>	3615.38	<b>8</b>	3329.06	<b>8</b>	3042.74	<b>8</b>	2756.42	<b>8</b>	2470.10	<b>8</b>	2183.78	<b>8</b>	1897.46	<b>8</b>	1611.14	<b>8</b>	1324.82	<b>8</b>	1039.50	<b>8</b>	752.18	<b>8</b>	465.86		
1/4		1/4	3895.74	1/4	3609.42	1/4	3323.10	1/4	3036.78	1/4	2750.46	1/4	2464.14	1/4	2177.82	1/4	1891.50	1/4	1605.18	1/4	1318.86	1/4	1032.54	1/4	746.22	1/4	459.90		
1/2		1/2	3889.77	1/2	3603.45	1/2	3317.13	1/2	3030.81	1/2	2744.49	1/2	2458.17	1/2	2171.85	1/2	1885.53	1/2	1599.21	1/2	1312.89	1/2	1026.57	1/2	740.25	1/2	453.93		
3/4		3/4	3883.81	3/4	3597.49	3/4	3311.17	3/4	3024.85	3/4	2738.53	3/4	2452.21	3/4	2165.89	3/4	1879.57	3/4	1593.25	3/4	1306.93	3/4	1020.61	3/4	734.29	3/4	447.97		
<b>9</b>		<b>9</b>	3877.84	<b>9</b>	3591.52	<b>9</b>	3305.20	<b>9</b>	3018.88	<b>9</b>	2732.56	<b>9</b>	2446.24	<b>9</b>	2159.92	<b>9</b>	1873.60	<b>9</b>	1587.28	<b>9</b>	1300.96	<b>9</b>	1014.64	<b>9</b>	728.32	<b>9</b>	442.00		
1/4		1/4	3871.88	1/4	3585.56	1/4	3299.24	1/4	3012.92	1/4	2726.60	1/4	2440.28	1/4	2153.96	1/4	1867.												

MAGNOLIA MARINE - BARGE "MM 112"

OUTAGE TABLE

3 PORT CONT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO 4313

14 FEET		15 FEET		16 FEET		17 FEET		18 FEET		19 FEET		20 FEET		21 FEET		22 FEET		23 FEET		24 FEET		25 FEET		26 FEET		FEET							
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.							
<b>0</b>	370.42	<b>0</b>	84.10	<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>					
1/4	364.46	1/4	78.14	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4			
1/2	358.49	1/2	72.17	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2			
3/4	352.53	3/4	66.21	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4			
<b>1</b>	346.56	<b>1</b>	60.24	<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>			
1/4	340.60	1/4	54.87	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	334.63	1/2	49.51	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	328.67	3/4	44.14	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>2</b>	322.70	<b>2</b>	38.77	<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>	
1/4	316.74	1/4	34.60	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	310.77	1/2	30.42	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	304.81	3/4	26.25	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>3</b>	298.84	<b>3</b>	22.08	<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>	
1/4	292.88	1/4	19.10	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	286.91	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	280.95	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>4</b>	274.98	<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>	
1/4	269.02	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	263.05	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	257.09	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>5</b>	251.12	<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>	
1/4	245.16	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	239.19	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	233.23	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>6</b>	227.26	<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>	
1/4	221.30	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	215.33	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	209.37	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>7</b>	203.40	<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>	
1/4	197.44	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	191.47	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	185.51	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>8</b>	179.54	<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>	
1/4	173.58	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	167.61	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161.65	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>9</b>	155.68	<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>	
1/4	149.72	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	143.75	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	137.79	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>10</b>	131.82	<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>	
1/4	125.86	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119.89	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113.93	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>11</b>	107.96	<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>	
1/4	102.00	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	96.03	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	90.07	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

MAGNOLIA MARINE - BARGE "MM 112"

OUTAGE TABLE

3 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO 4313

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>	4068.71	<b>0</b>	3794.33	<b>0</b>	3508.01	<b>0</b>	3221.69	<b>0</b>	2935.37	<b>0</b>	2649.05	<b>0</b>	2362.73	<b>0</b>	2076.41	<b>0</b>	1790.09	<b>0</b>	1503.77	<b>0</b>	1217.45	<b>0</b>	931.13	<b>0</b>	644.81		
1/4		1/4	4065.59	1/4	3788.37	1/4	3502.05	1/4	3215.73	1/4	2929.41	1/4	2643.09	1/4	2356.77	1/4	2070.45	1/4	1784.13	1/4	1497.81	1/4	1211.49	1/4	925.17	1/4	638.85		
1/2		1/2	4061.33	1/2	3782.40	1/2	3496.08	1/2	3209.76	1/2	2923.44	1/2	2637.12	1/2	2350.80	1/2	2064.48	1/2	1778.16	1/2	1491.84	1/2	1205.52	1/2	919.20	1/2	632.88		
3/4		3/4	4057.07	3/4	3776.44	3/4	3490.12	3/4	3203.80	3/4	2917.48	3/4	2631.16	3/4	2344.84	3/4	2058.52	3/4	1772.20	3/4	1485.88	3/4	1199.56	3/4	913.24	3/4	626.92		
<b>1</b>		<b>1</b>	4052.81	<b>1</b>	3770.47	<b>1</b>	3484.15	<b>1</b>	3197.83	<b>1</b>	2911.51	<b>1</b>	2625.19	<b>1</b>	2338.87	<b>1</b>	2052.55	<b>1</b>	1766.23	<b>1</b>	1479.91	<b>1</b>	1193.59	<b>1</b>	907.29	<b>1</b>	620.95		
1/4		1/4	4048.55	1/4	3764.51	1/4	3478.19	1/4	3191.87	1/4	2905.55	1/4	2619.23	1/4	2332.91	1/4	2046.59	1/4	1760.27	1/4	1473.95	1/4	1187.63	1/4	901.31	1/4	614.99		
1/2		1/2	4043.16	1/2	3758.54	1/2	3472.22	1/2	3185.90	1/2	2899.58	1/2	2613.26	1/2	2326.94	1/2	2040.62	1/2	1754.30	1/2	1467.98	1/2	1181.66	1/2	895.34	1/2	609.02		
3/4		3/4	4037.76	3/4	3752.58	3/4	3466.26	3/4	3179.94	3/4	2893.62	3/4	2607.30	3/4	2320.98	3/4	2034.66	3/4	1748.34	3/4	1462.02	3/4	1175.70	3/4	889.38	3/4	603.06		
<b>2</b>		<b>2</b>	4032.36	<b>2</b>	3746.61	<b>2</b>	3460.29	<b>2</b>	3173.97	<b>2</b>	2887.65	<b>2</b>	2601.33	<b>2</b>	2315.01	<b>2</b>	2028.69	<b>2</b>	1742.37	<b>2</b>	1456.05	<b>2</b>	1169.73	<b>2</b>	883.41	<b>2</b>	597.09		
1/4		1/4	4026.97	1/4	3740.65	1/4	3454.33	1/4	3168.01	1/4	2881.69	1/4	2595.37	1/4	2309.05	1/4	2022.73	1/4	1736.41	1/4	1450.09	1/4	1163.77	1/4	877.45	1/4	591.13		
1/2		1/2	4021.00	1/2	3734.68	1/2	3448.36	1/2	3168.04	1/2	2875.72	1/2	2589.40	1/2	2303.08	1/2	2016.76	1/2	1730.44	1/2	1444.12	1/2	1157.80	1/2	871.48	1/2	585.16		
3/4		3/4	4015.04	3/4	3728.72	3/4	3442.40	3/4	3156.08	3/4	2869.76	3/4	2583.44	3/4	2297.12	3/4	2010.80	3/4	1724.48	3/4	1438.16	3/4	1151.84	3/4	865.52	3/4	579.20		
<b>3</b>		<b>3</b>	4009.07	<b>3</b>	3722.75	<b>3</b>	3436.43	<b>3</b>	3150.11	<b>3</b>	2863.79	<b>3</b>	2577.47	<b>3</b>	2291.15	<b>3</b>	2004.83	<b>3</b>	1718.51	<b>3</b>	1432.19	<b>3</b>	1145.87	<b>3</b>	859.55	<b>3</b>	573.23		
1/4		1/4	4003.11	1/4	3716.79	1/4	3430.47	1/4	3144.15	1/4	2857.83	1/4	2571.51	1/4	2285.19	1/4	1998.87	1/4	1712.55	1/4	1426.23	1/4	1139.91	1/4	853.59	1/4	567.27		
1/2		1/2	3997.14	1/2	3710.82	1/2	3424.50	1/2	3138.18	1/2	2851.86	1/2	2565.54	1/2	2279.22	1/2	1992.90	1/2	1706.58	1/2	1420.26	1/2	1133.94	1/2	847.62	1/2	561.30		
3/4		3/4	3991.18	3/4	3704.86	3/4	3418.54	3/4	3132.22	3/4	2845.90	3/4	2559.58	3/4	2273.26	3/4	1986.94	3/4	1700.62	3/4	1414.30	3/4	1127.98	3/4	841.66	3/4	555.34		
<b>4</b>		<b>4</b>	3985.21	<b>4</b>	3698.89	<b>4</b>	3412.57	<b>4</b>	3126.25	<b>4</b>	2839.93	<b>4</b>	2553.61	<b>4</b>	2267.29	<b>4</b>	1980.97	<b>4</b>	1694.65	<b>4</b>	1408.33	<b>4</b>	1122.01	<b>4</b>	835.69	<b>4</b>	549.37		
1/4		1/4	3979.25	1/4	3692.93	1/4	3406.61	1/4	3120.29	1/4	2833.97	1/4	2547.65	1/4	2261.33	1/4	1975.01	1/4	1688.69	1/4	1402.37	1/4	1116.05	1/4	829.73	1/4	543.41		
1/2		1/2	3973.28	1/2	3686.96	1/2	3400.64	1/2	3114.32	1/2	2828.00	1/2	2541.68	1/2	2255.36	1/2	1969.04	1/2	1682.72	1/2	1396.40	1/2	1110.08	1/2	823.76	1/2	537.44		
3/4		3/4	3967.32	3/4	3681.00	3/4	3394.68	3/4	3108.36	3/4	2822.04	3/4	2535.72	3/4	2249.40	3/4	1963.08	3/4	1676.76	3/4	1390.44	3/4	1104.12	3/4	817.80	3/4	531.48		
<b>5</b>		<b>5</b>	3961.35	<b>5</b>	3675.03	<b>5</b>	3388.71	<b>5</b>	3102.39	<b>5</b>	2816.07	<b>5</b>	2529.75	<b>5</b>	2243.43	<b>5</b>	1957.11	<b>5</b>	1670.79	<b>5</b>	1384.47	<b>5</b>	1098.15	<b>5</b>	811.83	<b>5</b>	525.51		
1/4		1/4	3955.39	1/4	3669.07	1/4	3382.75	1/4	3096.43	1/4	2810.11	1/4	2523.79	1/4	2237.47	1/4	1951.15	1/4	1664.83	1/4	1378.51	1/4	1092.19	1/4	805.87	1/4	519.55		
1/2		1/2	3949.42	1/2	3663.10	1/2	3376.78	1/2	3090.46	1/2	2804.14	1/2	2517.82	1/2	2231.50	1/2	1945.18	1/2	1658.86	1/2	1372.54	1/2	1086.22	1/2	799.90	1/2	513.58		
3/4		3/4	3943.46	3/4	3657.14	3/4	3370.82	3/4	3084.50	3/4	2798.18	3/4	2511.86	3/4	2225.54	3/4	1939.22	3/4	1652.90	3/4	1366.58	3/4	1080.26	3/4	793.94	3/4	507.62		
<b>6</b>		<b>6</b>	3937.49	<b>6</b>	3651.17	<b>6</b>	3364.85	<b>6</b>	3078.53	<b>6</b>	2792.21	<b>6</b>	2505.89	<b>6</b>	2219.57	<b>6</b>	1933.25	<b>6</b>	1646.93	<b>6</b>	1360.61	<b>6</b>	1074.29	<b>6</b>	787.97	<b>6</b>	501.65		
1/4		1/4	3931.53	1/4	3645.21	1/4	3358.89	1/4	3072.57	1/4	2783.25	1/4	2499.93	1/4	2213.61	1/4	1927.29	1/4	1640.97	1/4	1354.65	1/4	1068.33	1/4	782.01	1/4	495.69		
1/2		1/2	3925.56	1/2	3639.24	1/2	3352.92	1/2	3066.60	1/2	2780.28	1/2	2493.96	1/2	2207.64	1/2	1921.32	1/2	1635.00	1/2	1348.68	1/2	1062.36	1/2	776.04	1/2	489.72		
3/4		3/4	3919.60	3/4	3633.28	3/4	3346.96	3/4	3060.64	3/4	2774.32	3/4	2488.00	3/4	2201.68	3/4	1915.36	3/4	1629.04	3/4	1342.72	3/4	1056.40	3/4	770.08	3/4	483.76		
<b>7</b>		<b>7</b>	3913.63	<b>7</b>	3627.31	<b>7</b>	3340.99	<b>7</b>	3054.67	<b>7</b>	2768.35	<b>7</b>	2482.03	<b>7</b>	2195.71	<b>7</b>	1909.39	<b>7</b>	1623.07	<b>7</b>	1336.75	<b>7</b>	1050.43	<b>7</b>	764.11	<b>7</b>	477.79		
1/4		1/4	3907.67	1/4	3621.35	1/4	3335.03	1/4	3048.71	1/4	2762.39	1/4	2476.07	1/4	2189.75	1/4	1903.43	1/4	1617.11	1/4	1330.79	1/4	1044.47	1/4	758.15	1/4	471.83		
1/2		1/2	3901.70	1/2	3615.38	1/2	3329.06	1/2	3042.74	1/2	2756.42	1/2	2470.10	1/2	2183.78	1/2	1897.46	1/2	1611.14	1/2	1324.82	1/2	1038.50	1/2	752.18	1/2	465.86		
3/4		3/4	3895.74	3/4	3609.42	3/4	3323.10	3/4	3036.78	3/4	2750.46	3/4	2464.14	3/4	2177.82	3/4	1891.50	3/4	1605.18	3/4	1318.86	3/4	1032.54	3/4	746.22	3/4	459.90		
<b>8</b>		<b>8</b>	3889.77	<b>8</b>	3603.45	<b>8</b>	3317.13	<b>8</b>	3030.81	<b>8</b>	2744.49	<b>8</b>	2458.17	<b>8</b>	2171.85	<b>8</b>	1885.53	<b>8</b>	1599.21	<b>8</b>	1312.89	<b>8</b>	1026.57	<b>8</b>	740.25	<b>8</b>	453.93		
1/4		1/4	3883.81	1/4	3597.49	1/4	3311.17	1/4	3024.85	1/4	2738.53	1/4	2452.21	1/4	2165.89	1/4	1879.57	1/4	1593.25	1/4	1306.93	1/4	1020.61	1/4	734.29	1/4	447.97		
1/2		1/2	3877.84	1/2	3591.52	1/2	3305.20	1/2	3018.88	1/2	2732.56	1/2	2446.24	1/2	2159.92	1/2	1873.60	1/2	1587.28	1/2	1300.96	1/2	1014.64	1/2	728.32	1/2	442.00		
3/4		3/4	3871.88	3/4	3585.56	3/4	3299.24	3/4	3012.92	3/4	2726.60	3/4	2440.28	3/4	2156.96	3/4	1867.64	3/4	1581.32	3/4	1295.00	3/4	1008.68	3/4	722.36	3/4	436.04		
<b>9</b>	4089.52	<b>9</b>	3865.91	<b>9</b>	3579.59	<b>9</b>	3293.27	<b>9</b>	3006.95	<b>9</b>	2720.63	<b>9</b>	2434.31	<b>9</b>	2147.99	<b>9</b>	1861.67	<b>9</b>	1575.35	<b>9</b>	1289.03	<b>9</b>	1002.71	<b>9</b>	716.39	<b>9</b>	430.07		
1/4	4089.38	1/4	3859.95	1/4	3573.63	1/4	3287.31	1/4	3000.99	1/4	2714.67	1/4	2428.35	1/4	2142.03														

MAGNOLIA MARINE - BARGE "MM 112"

OUTAGE TABLE

3 STAR CONT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO 4313

14 FEET		15 FEET		16 FEET		17 FEET		18 FEET		19 FEET		20 FEET		21 FEET		22 FEET		23 FEET		24 FEET		25 FEET		26 FEET		FEET					
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.					
<b>0</b>	358.49	<b>0</b>	72.17	<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>			
1/4	352.53	1/4	66.21	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4			
1/2	346.56	1/2	60.24	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	340.60	3/4	54.87	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>1</b>	334.63	<b>1</b>	49.51	<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>	
1/4	328.67	1/4	44.14	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	322.70	1/2	38.77	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	316.74	3/4	34.60	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>2</b>	310.77	<b>2</b>	30.42	<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>	
1/4	304.81	1/4	26.25	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	298.84	1/2	22.08	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	292.88	3/4	19.10	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>3</b>	286.91	<b>3</b>	16.12	<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>	
1/4	280.95	1/4	13.14	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	274.98	1/2	10.17	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	269.02	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>4</b>	263.05	<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>	
1/4	257.09	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	251.12	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	245.16	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>5</b>	239.19	<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>	
1/4	233.23	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	227.26	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	221.30	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>6</b>	215.33	<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>	
1/4	209.37	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	203.40	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	197.44	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>7</b>	191.47	<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>	
1/4	185.51	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	179.54	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	173.58	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>8</b>	167.61	<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>	
1/4	161.65	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155.68	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	149.72	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>9</b>	143.75	<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>	
1/4	137.79	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	131.82	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	125.86	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>10</b>	119.89	<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>	
1/4	113.93	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	107.96	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	102.00	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>11</b>	96.03	<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>	
1/4	90.07	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	84.10	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	78.14	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CAPACITY IN: 42-GALLON BARRELS

GAUGE HEIGHT: 15'-3 1/2" (TO 2" DIAMETER STANDPIPE LOCATED NEAR CENTER OF TANK)

STRAPPED 4/27/98

\*CAPACITY BELOW STRIKE POINT

MAGNOLIA MARINE - BARGE "MM 112"

OUTAGE TABLE

4 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO 4313

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>	3187.83	<b>0</b>	3049.15	<b>0</b>	2904.43	<b>0</b>	2759.71	<b>0</b>	2614.99	<b>0</b>	2378.99	<b>0</b>	2121.75	<b>0</b>	1864.52	<b>0</b>	1607.28	<b>0</b>	1350.09	<b>0</b>	1093.72	<b>0</b>	836.52	<b>0</b>	579.29		
1/4		1/4	3186.25	1/4	3046.14	1/4	2901.42	1/4	2756.70	1/4	2611.86	1/4	2373.62	1/4	2116.39	1/4	1859.16	1/4	1601.93	1/4	1344.75	1/4	1088.38	1/4	831.17	1/4	573.93		
1/2		1/2	3184.10	1/2	3043.12	1/2	2898.40	1/2	2753.68	1/2	2608.73	1/2	2368.26	1/2	2111.03	1/2	1853.80	1/2	1596.57	1/2	1339.41	1/2	1083.04	1/2	825.81	1/2	568.57		
3/4		3/4	3181.95	3/4	3040.11	3/4	2895.39	3/4	2750.67	3/4	2605.20	3/4	2362.90	3/4	2105.67	3/4	1848.44	3/4	1591.21	3/4	1334.07	3/4	1077.68	3/4	820.45	3/4	563.22		
<b>1</b>		<b>1</b>	3179.80	<b>1</b>	3037.09	<b>1</b>	2892.37	<b>1</b>	2747.65	<b>1</b>	2601.68	<b>1</b>	2357.54	<b>1</b>	2100.31	<b>1</b>	1843.08	<b>1</b>	1585.85	<b>1</b>	1328.72	<b>1</b>	1072.32	<b>1</b>	815.09	<b>1</b>	557.86		
1/4		1/4	3177.64	1/4	3034.08	1/4	2889.36	1/4	2744.64	1/4	2598.15	1/4	2352.19	1/4	2094.95	1/4	1837.72	1/4	1580.49	1/4	1323.38	1/4	1066.96	1/4	809.73	1/4	552.50		
1/2		1/2	3174.92	1/2	3031.06	1/2	2886.34	1/2	2741.62	1/2	2594.63	1/2	2346.83	1/2	2089.59	1/2	1832.36	1/2	1575.13	1/2	1318.04	1/2	1061.60	1/2	804.37	1/2	547.14		
3/4		3/4	3172.19	3/4	3028.05	3/4	2883.33	3/4	2738.61	3/4	2590.58	3/4	2341.47	3/4	2084.24	3/4	1827.00	3/4	1569.77	3/4	1312.70	3/4	1056.24	3/4	799.01	3/4	541.78		
<b>2</b>		<b>2</b>	3169.46	<b>2</b>	3025.03	<b>2</b>	2880.31	<b>2</b>	2735.59	<b>2</b>	2586.53	<b>2</b>	2336.11	<b>2</b>	2078.88	<b>2</b>	1821.64	<b>2</b>	1564.41	<b>2</b>	1307.36	<b>2</b>	1050.88	<b>2</b>	793.65	<b>2</b>	536.42		
1/4		1/4	3166.74	1/4	3022.02	1/4	2877.30	1/4	2732.58	1/4	2582.48	1/4	2330.75	1/4	2073.52	1/4	1816.29	1/4	1559.05	1/4	1302.02	1/4	1045.53	1/4	788.29	1/4	531.06		
1/2		1/2	3163.72	1/2	3019.00	1/2	2874.28	1/2	2729.56	1/2	2578.43	1/2	2325.39	1/2	2068.16	1/2	1810.93	1/2	1553.69	1/2	1296.68	1/2	1040.17	1/2	782.93	1/2	525.70		
3/4		3/4	3160.71	3/4	3015.99	3/4	2871.27	3/4	2726.55	3/4	2573.86	3/4	2320.03	3/4	2062.80	3/4	1805.57	3/4	1548.34	3/4	1291.34	3/4	1034.81	3/4	777.58	3/4	520.34		
<b>3</b>		<b>3</b>	3157.69	<b>3</b>	3012.97	<b>3</b>	2868.25	<b>3</b>	2723.53	<b>3</b>	2569.28	<b>3</b>	2314.67	<b>3</b>	2057.44	<b>3</b>	1800.21	<b>3</b>	1542.98	<b>3</b>	1286.00	<b>3</b>	1029.45	<b>3</b>	772.22	<b>3</b>	514.98		
1/4		1/4	3154.68	1/4	3009.96	1/4	2865.24	1/4	2720.52	1/4	2564.71	1/4	2309.31	1/4	2052.08	1/4	1794.85	1/4	1537.62	1/4	1280.66	1/4	1024.09	1/4	766.86	1/4	509.63		
1/2		1/2	3151.66	1/2	3006.94	1/2	2862.22	1/2	2717.50	1/2	2560.14	1/2	2303.95	1/2	2046.72	1/2	1789.49	1/2	1532.26	1/2	1275.31	1/2	1018.73	1/2	761.50	1/2	504.27		
3/4		3/4	3148.65	3/4	3003.93	3/4	2859.21	3/4	2714.49	3/4	2555.04	3/4	2298.60	3/4	2041.36	3/4	1784.13	3/4	1526.90	3/4	1269.97	3/4	1013.37	3/4	756.14	3/4	498.91		
<b>4</b>		<b>4</b>	3145.63	<b>4</b>	3000.91	<b>4</b>	2856.19	<b>4</b>	2711.47	<b>4</b>	2549.94	<b>4</b>	2293.24	<b>4</b>	2036.00	<b>4</b>	1778.77	<b>4</b>	1521.54	<b>4</b>	1264.63	<b>4</b>	1008.01	<b>4</b>	750.78	<b>4</b>	493.55		
1/4		1/4	3142.62	1/4	2997.90	1/4	2853.18	1/4	2708.46	1/4	2544.85	1/4	2287.88	1/4	2030.65	1/4	1773.41	1/4	1516.18	1/4	1259.29	1/4	1002.65	1/4	745.42	1/4	488.19		
1/2		1/2	3139.60	1/2	2994.88	1/2	2850.16	1/2	2705.44	1/2	2539.75	1/2	2282.52	1/2	2025.29	1/2	1768.05	1/2	1510.82	1/2	1253.95	1/2	997.29	1/2	740.06	1/2	482.83		
3/4		3/4	3136.59	3/4	2991.87	3/4	2847.15	3/4	2702.43	3/4	2534.39	3/4	2277.16	3/4	2019.93	3/4	1762.70	3/4	1505.46	3/4	1248.61	3/4	991.94	3/4	734.70	3/4	477.47		
<b>5</b>		<b>5</b>	3133.57	<b>5</b>	2988.85	<b>5</b>	2844.13	<b>5</b>	2699.41	<b>5</b>	2529.03	<b>5</b>	2271.80	<b>5</b>	2014.57	<b>5</b>	1757.34	<b>5</b>	1500.10	<b>5</b>	1243.27	<b>5</b>	986.58	<b>5</b>	729.34	<b>5</b>	472.11		
1/4		1/4	3130.56	1/4	2985.84	1/4	2841.12	1/4	2696.40	1/4	2523.67	1/4	2266.44	1/4	2009.21	1/4	1751.98	1/4	1494.75	1/4	1237.93	1/4	981.22	1/4	723.99	1/4	466.75		
1/2		1/2	3127.54	1/2	2982.82	1/2	2838.10	1/2	2693.38	1/2	2518.31	1/2	2261.08	1/2	2003.85	1/2	1746.62	1/2	1489.39	1/2	1232.59	1/2	975.86	1/2	718.63	1/2	461.39		
3/4		3/4	3124.53	3/4	2979.81	3/4	2835.09	3/4	2690.37	3/4	2512.96	3/4	2255.72	3/4	1998.49	3/4	1741.26	3/4	1484.03	3/4	1227.25	3/4	970.50	3/4	713.27	3/4	456.04		
<b>6</b>		<b>6</b>	3121.51	<b>6</b>	2976.79	<b>6</b>	2832.07	<b>6</b>	2687.35	<b>6</b>	2507.60	<b>6</b>	2250.36	<b>6</b>	1993.13	<b>6</b>	1735.90	<b>6</b>	1478.67	<b>6</b>	1221.90	<b>6</b>	965.14	<b>6</b>	707.91	<b>6</b>	450.68		
1/4		1/4	3118.50	1/4	2973.78	1/4	2829.06	1/4	2684.34	1/4	2502.24	1/4	2245.01	1/4	1987.77	1/4	1730.54	1/4	1473.31	1/4	1216.56	1/4	959.78	1/4	702.55	1/4	445.32		
1/2		1/2	3115.48	1/2	2970.76	1/2	2826.04	1/2	2681.32	1/2	2496.88	1/2	2239.65	1/2	1982.41	1/2	1725.18	1/2	1467.95	1/2	1211.22	1/2	954.42	1/2	697.19	1/2	439.96		
3/4		3/4	3112.47	3/4	2967.75	3/4	2823.03	3/4	2678.31	3/4	2491.52	3/4	2234.29	3/4	1977.06	3/4	1719.82	3/4	1462.59	3/4	1205.88	3/4	949.06	3/4	691.19	3/4	434.60		
<b>7</b>		<b>7</b>	3109.45	<b>7</b>	2964.73	<b>7</b>	2820.01	<b>7</b>	2675.29	<b>7</b>	2486.16	<b>7</b>	2228.93	<b>7</b>	1971.70	<b>7</b>	1714.46	<b>7</b>	1457.23	<b>7</b>	1200.54	<b>7</b>	943.70	<b>7</b>	691.83	<b>7</b>	429.24		
1/4		1/4	3106.44	1/4	2961.72	1/4	2817.00	1/4	2672.28	1/4	2480.80	1/4	2223.57	1/4	1966.34	1/4	1709.11	1/4	1451.87	1/4	1195.20	1/4	938.35	1/4	681.11	1/4	423.88		
1/2		1/2	3103.42	1/2	2958.70	1/2	2813.98	1/2	2669.26	1/2	2475.44	1/2	2218.21	1/2	1960.98	1/2	1703.75	1/2	1446.51	1/2	1189.86	1/2	932.99	1/2	675.75	1/2	418.52		
3/4		3/4	3100.41	3/4	2955.69	3/4	2810.97	3/4	2666.25	3/4	2470.08	3/4	2212.85	3/4	1955.62	3/4	1698.39	3/4	1441.16	3/4	1184.52	3/4	927.63	3/4	670.40	3/4	413.16		
<b>8</b>		<b>8</b>	3097.39	<b>8</b>	2952.67	<b>8</b>	2807.95	<b>8</b>	2663.23	<b>8</b>	2464.72	<b>8</b>	2207.49	<b>8</b>	1950.26	<b>8</b>	1693.03	<b>8</b>	1435.80	<b>8</b>	1179.18	<b>8</b>	922.27	<b>8</b>	665.04	<b>8</b>	407.80		
1/4		1/4	3094.38	1/4	2949.66	1/4	2804.94	1/4	2660.22	1/4	2459.37	1/4	2202.13	1/4	1944.90	1/4	1687.67	1/4	1430.44	1/4	1173.84	1/4	916.91	1/4	659.68	1/4	402.45		
1/2		1/2	3091.36	1/2	2946.64	1/2	2801.92	1/2	2657.20	1/2	2454.01	1/2	2196.77	1/2	1939.54	1/2	1682.31	1/2	1425.08	1/2	1168.49	1/2	911.55	1/2	654.32	1/2	397.09		
3/4		3/4	3088.35	3/4	2943.63	3/4	2798.91	3/4	2654.19	3/4	2448.65	3/4	2191.42	3/4	1934.18	3/4	1676.95	3/4	1419.72	3/4	1163.15	3/4	906.19	3/4	648.96	3/4	391.73		
<b>9</b>	3198.35	<b>9</b>	3085.33	<b>9</b>	2940.61	<b>9</b>	2795.89	<b>9</b>	2651.17	<b>9</b>	2443.29	<b>9</b>	2186.06	<b>9</b>															

MAGNOLIA MARINE - BARGE "MM 112"

OUTAGE TABLE

4 PORT CONT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO 4313

14 FEET		15 FEET		16 FEET		17 FEET		18 FEET		19 FEET		20 FEET		21 FEET		22 FEET		23 FEET		24 FEET		25 FEET		26 FEET		FEET			
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.			
<b>0</b>	322.06	<b>0</b>	64.83	<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>	
1/4	316.70	1/4	59.47	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	311.34	1/2	54.11	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	305.98	3/4	49.29	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>1</b>	300.62	<b>1</b>	44.47	<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>	
1/4	295.27	1/4	39.65	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	289.91	1/2	34.83	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	284.55	3/4	31.08	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>2</b>	279.19	<b>2</b>	27.33	<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>	
1/4	273.83	1/4	23.59	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	268.47	1/2	19.84	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	263.11	3/4	17.17	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>3</b>	257.75	<b>3</b>	14.50	<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>	
1/4	252.39	1/4	11.83	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	247.03	1/2	9.16	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	241.68	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>4</b>	236.32	<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>	
1/4	230.96	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	225.60	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	220.24	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>5</b>	214.88	<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>	
1/4	209.52	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	204.16	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	198.80	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>6</b>	193.44	<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>	
1/4	188.09	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	182.73	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	177.37	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>7</b>	172.01	<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>	
1/4	166.65	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161.29	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155.93	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>8</b>	150.57	<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>	
1/4	145.21	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	139.85	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	134.50	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>9</b>	129.14	<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>	
1/4	123.78	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118.42	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113.06	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>10</b>	107.70	<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>	
1/4	102.34	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	96.98	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	91.62	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>11</b>	86.26	<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>	
1/4	80.91	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	75.55	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	70.19	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CAPACITY IN: 42-GALLON BARRELS

GAUGE HEIGHT: 15'-3 1/2" (TO 2" DIAMETER STANDPIPE LOCATED NEAR CENTER OF TANK)

STRAPPED 4/27/98

\*CAPACITY BELOW STRIKE POINT

MAGNOLIA MARINE - BARGE "MM 112"

OUTAGE TABLE

4 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO 4313

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>	3189.41	<b>0</b>	3052.17	<b>0</b>	2907.45	<b>0</b>	2762.73	<b>0</b>	2618.01	<b>0</b>	2384.34	<b>0</b>	2127.11	<b>0</b>	1869.88	<b>0</b>	1612.64	<b>0</b>	1355.43	<b>0</b>	1099.06	<b>0</b>	841.88	<b>0</b>	584.65		
1/4		1/4	3187.83	1/4	3049.15	1/4	2904.43	1/4	2759.71	1/4	2614.99	1/4	2378.98	1/4	2121.75	1/4	1864.52	1/4	1607.28	1/4	1350.09	1/4	1093.72	1/4	836.52	1/4	579.29		
1/2		1/2	3186.25	1/2	3046.14	1/2	2901.42	1/2	2756.70	1/2	2611.86	1/2	2373.62	1/2	2116.39	1/2	1859.16	1/2	1601.93	1/2	1344.75	1/2	1088.38	1/2	831.17	1/2	573.93		
3/4		3/4	3184.10	3/4	3043.12	3/4	2898.40	3/4	2753.68	3/4	2608.73	3/4	2368.26	3/4	2111.03	3/4	1853.80	3/4	1596.57	3/4	1339.41	3/4	1083.04	3/4	825.81	3/4	568.57		
<b>1</b>		<b>1</b>	3181.95	<b>1</b>	3040.11	<b>1</b>	2895.39	<b>1</b>	2750.67	<b>1</b>	2605.20	<b>1</b>	2362.90	<b>1</b>	2105.67	<b>1</b>	1848.44	<b>1</b>	1591.21	<b>1</b>	1334.07	<b>1</b>	1077.68	<b>1</b>	820.45	<b>1</b>	563.22		
1/4		1/4	3179.80	1/4	3037.09	1/4	2892.37	1/4	2747.65	1/4	2601.68	1/4	2357.54	1/4	2100.31	1/4	1843.08	1/4	1595.85	1/4	1328.72	1/4	1072.32	1/4	815.09	1/4	557.86		
1/2		1/2	3177.64	1/2	3034.08	1/2	2889.36	1/2	2744.64	1/2	2598.15	1/2	2352.19	1/2	2094.95	1/2	1837.72	1/2	1580.49	1/2	1323.38	1/2	1066.96	1/2	809.73	1/2	552.50		
3/4		3/4	3174.92	3/4	3031.06	3/4	2886.34	3/4	2741.62	3/4	2594.63	3/4	2346.83	3/4	2089.59	3/4	1832.36	3/4	1575.13	3/4	1318.04	3/4	1061.60	3/4	804.37	3/4	547.14		
<b>2</b>		<b>2</b>	3172.19	<b>2</b>	3028.05	<b>2</b>	2883.33	<b>2</b>	2738.61	<b>2</b>	2590.58	<b>2</b>	2341.47	<b>2</b>	2084.24	<b>2</b>	1827.00	<b>2</b>	1569.77	<b>2</b>	1312.70	<b>2</b>	1056.24	<b>2</b>	799.01	<b>2</b>	541.78		
1/4		1/4	3169.46	1/4	3025.03	1/4	2880.31	1/4	2735.59	1/4	2586.53	1/4	2336.11	1/4	2078.88	1/4	1821.64	1/4	1564.41	1/4	1307.36	1/4	1050.88	1/4	793.65	1/4	536.42		
1/2		1/2	3166.74	1/2	3022.02	1/2	2877.30	1/2	2732.58	1/2	2582.48	1/2	2330.75	1/2	2073.52	1/2	1816.29	1/2	1559.05	1/2	1302.02	1/2	1045.53	1/2	788.29	1/2	531.06		
3/4		3/4	3163.72	3/4	3019.00	3/4	2874.28	3/4	2729.56	3/4	2578.43	3/4	2325.39	3/4	2068.16	3/4	1810.93	3/4	1553.69	3/4	1296.68	3/4	1040.17	3/4	782.93	3/4	525.70		
<b>3</b>		<b>3</b>	3160.71	<b>3</b>	3015.99	<b>3</b>	2871.27	<b>3</b>	2726.55	<b>3</b>	2573.86	<b>3</b>	2320.03	<b>3</b>	2062.80	<b>3</b>	1805.57	<b>3</b>	1548.34	<b>3</b>	1291.34	<b>3</b>	1034.81	<b>3</b>	777.58	<b>3</b>	520.34		
1/4		1/4	3157.69	1/4	3012.97	1/4	2868.25	1/4	2723.53	1/4	2569.28	1/4	2314.67	1/4	2057.44	1/4	1800.21	1/4	1542.98	1/4	1286.00	1/4	1029.45	1/4	772.22	1/4	514.98		
1/2		1/2	3154.68	1/2	3009.96	1/2	2865.24	1/2	2720.52	1/2	2564.71	1/2	2309.31	1/2	2052.08	1/2	1794.85	1/2	1537.62	1/2	1280.66	1/2	1024.09	1/2	766.86	1/2	509.63		
3/4		3/4	3151.66	3/4	3006.94	3/4	2862.22	3/4	2717.50	3/4	2560.14	3/4	2303.95	3/4	2046.72	3/4	1789.49	3/4	1532.26	3/4	1275.31	3/4	1018.73	3/4	761.50	3/4	504.27		
<b>4</b>		<b>4</b>	3148.65	<b>4</b>	3003.93	<b>4</b>	2859.21	<b>4</b>	2714.49	<b>4</b>	2555.04	<b>4</b>	2298.60	<b>4</b>	2041.36	<b>4</b>	1784.13	<b>4</b>	1526.90	<b>4</b>	1269.97	<b>4</b>	1013.37	<b>4</b>	756.14	<b>4</b>	498.91		
1/4		1/4	3145.63	1/4	3000.91	1/4	2856.19	1/4	2711.47	1/4	2549.94	1/4	2293.24	1/4	2036.00	1/4	1778.77	1/4	1521.54	1/4	1264.63	1/4	1008.01	1/4	750.78	1/4	493.55		
1/2		1/2	3142.62	1/2	2997.90	1/2	2853.18	1/2	2708.46	1/2	2544.85	1/2	2287.88	1/2	2030.65	1/2	1773.41	1/2	1516.18	1/2	1259.29	1/2	1002.65	1/2	745.42	1/2	488.19		
3/4		3/4	3139.60	3/4	2994.88	3/4	2850.16	3/4	2705.44	3/4	2539.75	3/4	2282.52	3/4	2025.29	3/4	1768.05	3/4	1510.82	3/4	1253.95	3/4	997.29	3/4	740.06	3/4	482.83		
<b>5</b>		<b>5</b>	3136.59	<b>5</b>	2991.87	<b>5</b>	2847.15	<b>5</b>	2702.43	<b>5</b>	2534.39	<b>5</b>	2277.16	<b>5</b>	2019.93	<b>5</b>	1762.70	<b>5</b>	1505.46	<b>5</b>	1249.61	<b>5</b>	991.94	<b>5</b>	734.70	<b>5</b>	477.47		
1/4		1/4	3133.57	1/4	2988.85	1/4	2844.13	1/4	2699.41	1/4	2529.03	1/4	2271.80	1/4	2014.57	1/4	1757.34	1/4	1500.10	1/4	1243.27	1/4	986.58	1/4	729.34	1/4	472.11		
1/2		1/2	3130.56	1/2	2985.84	1/2	2841.12	1/2	2696.40	1/2	2523.67	1/2	2266.44	1/2	2009.21	1/2	1751.98	1/2	1494.75	1/2	1237.93	1/2	981.22	1/2	723.99	1/2	466.75		
3/4		3/4	3127.54	3/4	2982.82	3/4	2838.10	3/4	2693.38	3/4	2518.31	3/4	2261.08	3/4	2003.85	3/4	1746.62	3/4	1489.39	3/4	1232.59	3/4	975.86	3/4	718.63	3/4	461.39		
<b>6</b>		<b>6</b>	3124.53	<b>6</b>	2979.81	<b>6</b>	2835.09	<b>6</b>	2690.37	<b>6</b>	2512.96	<b>6</b>	2255.72	<b>6</b>	1998.49	<b>6</b>	1741.26	<b>6</b>	1484.03	<b>6</b>	1227.25	<b>6</b>	970.50	<b>6</b>	713.27	<b>6</b>	456.04		
1/4		1/4	3121.51	1/4	2976.79	1/4	2832.07	1/4	2687.35	1/4	2507.60	1/4	2250.36	1/4	1993.13	1/4	1735.90	1/4	1478.67	1/4	1221.90	1/4	965.14	1/4	707.91	1/4	450.68		
1/2		1/2	3118.50	1/2	2973.78	1/2	2829.06	1/2	2684.34	1/2	2502.24	1/2	2245.01	1/2	1987.77	1/2	1730.54	1/2	1473.31	1/2	1216.56	1/2	959.78	1/2	702.55	1/2	445.32		
3/4		3/4	3115.48	3/4	2970.76	3/4	2829.04	3/4	2681.32	3/4	2496.88	3/4	2239.65	3/4	1982.41	3/4	1725.18	3/4	1467.95	3/4	1211.22	3/4	954.42	3/4	697.19	3/4	439.96		
<b>7</b>		<b>7</b>	3112.47	<b>7</b>	2967.75	<b>7</b>	2823.03	<b>7</b>	2678.31	<b>7</b>	2491.52	<b>7</b>	2234.29	<b>7</b>	1977.06	<b>7</b>	1719.82	<b>7</b>	1462.59	<b>7</b>	1205.88	<b>7</b>	949.06	<b>7</b>	691.83	<b>7</b>	434.60		
1/4		1/4	3109.45	1/4	2964.73	1/4	2820.01	1/4	2675.29	1/4	2486.16	1/4	2228.93	1/4	1971.70	1/4	1714.46	1/4	1457.23	1/4	1200.54	1/4	943.70	1/4	686.47	1/4	429.24		
1/2		1/2	3106.44	1/2	2961.72	1/2	2817.00	1/2	2672.28	1/2	2480.80	1/2	2223.57	1/2	1966.34	1/2	1709.11	1/2	1451.87	1/2	1195.20	1/2	938.35	1/2	681.11	1/2	423.88		
3/4		3/4	3103.42	3/4	2958.70	3/4	2813.98	3/4	2669.26	3/4	2475.44	3/4	2218.21	3/4	1960.98	3/4	1703.75	3/4	1446.51	3/4	1189.86	3/4	932.99	3/4	675.75	3/4	418.52		
<b>8</b>		<b>8</b>	3100.41	<b>8</b>	2955.69	<b>8</b>	2810.97	<b>8</b>	2666.25	<b>8</b>	2470.08	<b>8</b>	2212.85	<b>8</b>	1955.62	<b>8</b>	1698.39	<b>8</b>	1441.16	<b>8</b>	1184.52	<b>8</b>	927.63	<b>8</b>	670.40	<b>8</b>	413.16		
1/4		1/4	3097.39	1/4	2952.67	1/4	2807.95	1/4	2663.23	1/4	2464.72	1/4	2207.49	1/4	1950.26	1/4	1693.03	1/4	1435.80	1/4	1179.18	1/4	922.27	1/4	665.04	1/4	407.80		
1/2		1/2	3094.38	1/2	2949.66	1/2	2804.94	1/2	2660.22	1/2	2459.37	1/2	2202.13	1/2	1944.90	1/2	1687.67	1/2	1430.44	1/2	1173.84	1/2	916.91	1/2	659.68	1/2	402.45		
3/4		3/4	3091.36	3/4	2946.64	3/4	2801.92	3/4	2657.20	3/4	2454.01	3/4	2196.77	3/4	1939.54	3/4	1682.31	3/4	1425.08	3/4	1168.49	3/4	911.55	3/4	654.32	3/4	397.09		
<b>9</b>		<b>9</b>	3088.35	<b>9</b>	2943.63	<b>9</b>	2798.91	<b>9</b>	2654.19	<b>9</b>	2448.65	<b>9</b>	2191.42	<b>9</b>	1934.18	<b>9</b>	1676.95	<b>9</b>	1419.72	<b>9</b>	1163.15	<b>9</b>	906.19	<b>9</b>	648.96	<b>9</b>	391.73		
1/4	3198.35	1/4	3085.33	1/4	2940.61	1/4	2795.89	1/4	2651.17	1/4	2443.29	1/4	2186.06	1/4	1928.82	1/4	1671.59	1/											

MAGNOLIA MARINE - BARGE "MM 112"

OUTAGE TABLE

4 STAR CONT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO 4313

14 FEET		15 FEET		16 FEET		17 FEET		18 FEET		19 FEET		20 FEET		21 FEET		22 FEET		23 FEET		24 FEET		25 FEET		26 FEET		FEET			
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.			
<b>0</b>	327.42	<b>0</b>	70.19	<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>	
1/4	322.06	1/4	64.83	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	316.70	1/2	59.47	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	311.34	3/4	54.11	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>1</b>	305.98	<b>1</b>	49.29	<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>	
1/4	300.62	1/4	44.47	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	295.27	1/2	39.65	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	289.91	3/4	34.83	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>2</b>	284.55	<b>2</b>	31.08	<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>	
1/4	279.19	1/4	27.33	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	273.83	1/2	23.59	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	268.47	3/4	19.84	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>3</b>	263.11	<b>3</b>	17.17	<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>	
1/4	257.75	1/4	14.50	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	252.39	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	247.03	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>4</b>	241.68	<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>	
1/4	236.32	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	230.96	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	225.60	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>5</b>	220.24	<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>	
1/4	214.88	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	209.52	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	204.16	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>6</b>	198.80	<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>	
1/4	193.44	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	188.09	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	182.73	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>7</b>	177.37	<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>	
1/4	172.01	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166.65	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161.29	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>8</b>	155.93	<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>	
1/4	150.57	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	145.21	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	139.85	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>9</b>	134.50	<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>	
1/4	129.14	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123.78	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118.42	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>10</b>	113.06	<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>	
1/4	107.70	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	102.34	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	96.98	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>11</b>	91.62	<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>	
1/4	86.26	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	80.91	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	75.55	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CAPACITY IN: 42-GALLON BARRELS

GAUGE HEIGHT: 15'-3 1/4" (RIM OF HATCH OPPOSITE HINGE LOCATED NEAR CENTER OF TANK)

STRAPPED 4/27/98

\*CAPACITY BELOW STRIKE POINT