

MAGNOLIA MARINE - BARGE "LB-4"

INNAGE TABLE

1 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET		14 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0	0.47	0	111.84	0	289.52	0	467.21	0	644.89	0	822.57	0	1000.25	0	1177.93	0	1355.61	0	1533.29	0	1710.59	0	1880.88	0	2049.23	0	2162.01	0	2168.43
1/4	0.55	1/4	115.54	1/4	293.23	1/4	470.91	1/4	648.59	1/4	826.27	1/4	1003.95	1/4	1181.63	1/4	1359.31	1/4	1537.00	1/4	1714.19	1/4	1884.39	1/4	2052.74	1/4	2162.15	1/4	2168.56
1/2	0.63	1/2	119.25	1/2	296.93	1/2	474.61	1/2	652.29	1/2	829.97	1/2	1007.65	1/2	1185.34	1/2	1363.02	1/2	1540.7	1/2	1717.8	1/2	1887.9	1/2	2056.25	1/2	2162.28	1/2	2168.69
3/4	0.79	3/4	122.95	3/4	300.63	3/4	478.31	3/4	655.99	3/4	833.67	3/4	1011.36	3/4	1189.04	3/4	1366.72	3/4	1544.4	3/4	1721.40	3/4	1891.4	3/4	2059.75	3/4	2162.41	3/4	2168.83
1	0.95	1	126.65	1	304.33	1	482.01	1	659.69	1	837.38	1	1015.06	1	1192.74	1	1370.42	1	1548.1	1	1725.01	1	1894.91	1	2063.26	1	2162.55	1	2168.96
1/4	1.22	1/4	130.35	1/4	308.03	1/4	485.71	1/4	663.4	1/4	841.08	1/4	1018.76	1/4	1196.44	1/4	1374.12	1/4	1551.8	1/4	1728.61	1/4	1898.42	1/4	2066.77	1/4	2162.68	1/4	2169.09
1/2	1.49	1/2	134.05	1/2	311.73	1/2	489.42	1/2	667.1	1/2	844.78	1/2	1022.46	1/2	1200.14	1/2	1377.82	1/2	1555.51	1/2	1732.21	1/2	1901.93	1/2	2070.28	1/2	2162.81	1/2	2169.23
3/4	1.92	3/4	137.75	3/4	315.44	3/4	493.12	3/4	670.8	3/4	848.48	3/4	1026.16	3/4	1203.84	3/4	1381.53	3/4	1559.21	3/4	1735.82	3/4	1905.43	3/4	2073.78	3/4	2162.95	3/4	2169.36
2	2.35	2	141.46	2	319.14	2	496.82	2	674.5	2	852.18	2	1029.86	2	1207.55	2	1385.23	2	1562.91	2	1739.42	2	1908.94	2	2077.29	2	2163.08	2	2169.49
1/4	2.97	1/4	145.16	1/4	322.84	1/4	500.52	1/4	678.2	1/4	855.88	1/4	1033.57	1/4	1211.25	1/4	1388.93	1/4	1566.61	1/4	1743.03	1/4	1912.45	1/4	2080.8	1/4	2163.22	1/4	2169.63
1/2	3.59	1/2	148.86	1/2	326.54	1/2	504.22	1/2	681.9	1/2	859.59	1/2	1037.27	1/2	1214.95	1/2	1392.63	1/2	1570.31	1/2	1746.63	1/2	1915.96	1/2	2084.31	1/2	2163.35	1/2	2169.76
3/4	4.44	3/4	152.56	3/4	330.24	3/4	507.92	3/4	685.61	3/4	863.29	3/4	1040.97	3/4	1218.65	3/4	1396.33	3/4	1574.01	3/4	1750.24	3/4	1919.46	3/4	2087.81	3/4	2163.48	3/4	2169.9
3	5.29	3	156.26	3	333.94	3	511.63	3	689.31	3	866.99	3	1044.67	3	1222.35	3	1400.03	3	1577.72	3	1753.84	3	1922.97	3	2091.32	3	2163.62	3	2170.03
1/4	6.42	1/4	159.96	1/4	337.65	1/4	515.33	1/4	693.01	1/4	870.69	1/4	1048.37	1/4	1226.05	1/4	1403.74	1/4	1581.42	1/4	1757.45	1/4	1926.48	1/4	2094.83	1/4	2163.75	1/4	2170.16
1/2	7.55	1/2	163.67	1/2	341.35	1/2	519.03	1/2	696.71	1/2	874.39	1/2	1052.07	1/2	1229.76	1/2	1407.44	1/2	1585.12	1/2	1761.05	1/2	1929.98	1/2	2098.33	1/2	2163.88	1/2	2170.3
3/4	8.98	3/4	167.37	3/4	345.05	3/4	522.73	3/4	700.41	3/4	878.09	3/4	1055.78	3/4	1233.46	3/4	1411.14	3/4	1588.82	3/4	1764.66	3/4	1933.49	3/4	2101.84	3/4	2164.02	3/4	2170.43
4	10.41	4	171.07	4	348.75	4	526.43	4	704.11	4	881.8	4	1059.48	4	1237.16	4	1414.84	4	1592.52	4	1768.26	4	1937	4	2105.35	4	2164.15	4	2170.56
1/4	12.12	1/4	174.77	1/4	352.45	1/4	530.13	1/4	707.82	1/4	885.5	1/4	1063.18	1/4	1240.86	1/4	1418.54	1/4	1596.22	1/4	1771.86	1/4	1940.51	1/4	2108.86	1/4	2164.28	1/4	2170.7
1/2	13.83	1/2	178.47	1/2	356.15	1/2	533.84	1/2	711.52	1/2	889.20	1/2	1066.88	1/2	1244.56	1/2	1422.24	1/2	1599.93	1/2	1775.47	1/2	1944.01	1/2	2112.36	1/2	2164.42	1/2	2170.83
3/4	15.83	3/4	182.17	3/4	359.86	3/4	537.54	3/4	715.22	3/4	892.9	3/4	1070.58	3/4	1248.26	3/4	1425.95	3/4	1603.63	3/4	1779.07	3/4	1947.52	3/4	2115.87	3/4	2164.55	3/4	2170.96
5	17.83	5	185.88	5	363.56	5	541.24	5	718.92	5	896.6	5	1074.28	5	1251.97	5	1429.65	5	1607.63	5	1782.68	5	1951.03	5	2119.38	5	2164.68	5	2171.1
1/4	20.15	1/4	189.58	1/4	367.26	1/4	544.94	1/4	722.62	1/4	900.3	1/4	1077.99	1/4	1255.67	1/4	1433.35	1/4	1611.03	1/4	1786.18	1/4	1954.54	1/4	2122.74	1/4	2164.82	1/4	2171.23
1/2	22.47	1/2	193.28	1/2	370.96	1/2	548.64	1/2	726.32	1/2	904.01	1/2	1081.69	1/2	1259.37	1/2	1437.05	1/2	1614.73	1/2	1789.69	1/2	1958.04	1/2	2126.1	1/2	2164.95	1/2	2171.36
3/4	25.09	3/4	196.98	3/4	374.66	3/4	552.34	3/4	730.03	3/4	907.71	3/4	1085.39	3/4	1263.07	3/4	1440.75	3/4	1618.43	3/4	1793.2	3/4	1961.55	3/4	2129.17	3/4	2165.09	3/4	2171.5
6	27.71	6	200.68	6	378.36	6	556.05	6	733.73	6	911.41	6	1089.09	6	1266.77	6	1444.45	6	1622.14	6	1796.71	6	1965.06	6	2132.24	6	2165.22	6	2171.63
1/4	30.57	1/4	204.38	1/4	382.07	1/4	559.75	1/4	737.43	1/4	915.11	1/4	1092.79	1/4	1270.47	1/4	1448.16	1/4	1625.84	1/4	1800.21	1/4	1968.56	1/4	2135.02	1/4	2165.35	1/4	2171.77
1/2	33.43	1/2	208.09	1/2	385.77	1/2	563.45	1/2	741.13	1/2	918.81	1/2	1096.49	1/2	1274.18	1/2	1451.86	1/2	1629.54	1/2	1803.72	1/2	1972.07	1/2	2137.8	1/2	2165.49	1/2	2171.9
3/4	36.52	3/4	211.79	3/4	389.47	3/4	567.15	3/4	744.83	3/4	922.51	3/4	1100.2	3/4	1277.88	3/4	1455.56	3/4	1633.24	3/4	1807.23	3/4	1975.58	3/4	2140.28	3/4	2165.62	3/4	2172.03
7	39.61	7	215.49	7	393.17	7	570.85	7	748.53	7	926.22	7	1103.9	7	1281.58	7	1459.26	7	1636.94	7	1810.74	7	1979.09	7	2142.76	7	2165.49	7	2172.17
1/4	42.9	1/4	219.19	1/4	396.87	1/4	574.55	1/4	752.24	1/4	929.92	1/4	1107.6	1/4	1285.28	1/4	1462.96	1/4	1640.64	1/4	1814.24	1/4	1982.59	1/4	2144.95	1/4	2165.62	1/4	2172.3
1/2	46.19	1/2	222.89	1/2	400.57	1/2	578.26	1/2	755.94	1/2	933.62	1/2	1111.3	1/2	1288.98	1/2	1466.66	1/2	1644.35	1/2	1817.75	1/2	1986.10	1/2	2147.14	1/2	2165.75	1/2	2172.43
3/4	49.63	3/4	226.59	3/4	404.28	3/4	581.96	3/4	759.64	3/4	937.32	3/4	1115	3/4	1292.68	3/4	1470.37	3/4	1648.05	3/4	1821.26	3/4	1989.61	3/4	2149.04	3/4	2165.89	3/4	2172.57
8	53.07	8	230.3	8	407.98	8	585.66	8	763.34	8	941.02	8	1118.7	8	1296.39	8	1474.07	8	1651.75	8	1824.77	8	1993.12	8	2150.94	8	2166.02	8	2172.7
1/4	56.63	1/4	234	1/4	411.68	1/4	589.36	1/4	767.04	1/4	944.72	1/4	1122.41	1/4	1300.09	1/4	1477.77	1/4	1655.45	1/4	1828.27	1/4	1996.62	1/4	2152.55	1/4	2166.15	1/4	2172.83
1/2	60.19	1/2	237.70	1/2	415.38	1/2	593.06	1/2	770.74	1/2	948.43	1/2	1126.11	1/2	1303.79	1/2	1481.47	1/2	1659.15	1/2	1831.78	1/2	2000.13	1/2	2154.16	1/2	2166.29	1/2	2172.97
3/4	63.84	3/4	241.4	3/4	419.08	3/4	596.76	3/4	774.45	3/4	952.13	3/4	1129.81	3/4	1307.49	3/4	1485.17	3/4	1662.85	3/4	1835.29	3/4	2003.64	3/4	2155.48	3/4	2166.42	3/4	2173.1
9	67.49	9	245.1	9	422.78	9	600.47	9	778.15	9	955.83	9	1133.51	9	1311.19	9	1488.87	9	1666.56	9	1838.79	9	2007.14	9	2156.8	9	2166.82	9	2173.24
1/4	71.16	1/4	248.80	1/4	426.49	1/4	604.17	1/4	781.85	1/4	959.53	1/4	1137.21	1/4	1314.89	1/4	1492.58	1/4	1670.26	1/4	1842.30	1/4	2010.65	1/4	2157.82	1/4	2166.96	1/4	2173.37
1/2	74.83	1/2	252.51	1/2	430.19	1/2	607.87	1/2	785.55	1/2	963.23	1/2	1140.91	1/2	1318.6	1/2	1496.28	1/2	1673.96	1/2	1845.81	1/2	2014.16	1/2	2158.84	1/2	2167.09	1/2	2173.5
3/4	78.53	3/4	256.21	3/4	433.89	3/4	611.57	3/4	789.25	3/4	966.93	3/4	1144.62	3/4	1322.3	3/4	1499.98	3/4	1677.66	3/4	1849.32	3/4	2017.67	3/4	2159.57	3/4	2167.22	3/4	2173.64
10	82.23	10	259.91	10	437.59	10	615.27	10	792.95	10	970.64	1																	

MAGNOLIA MARINE - BARGE "LB-4"

INNAGE TABLE

1 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET		14 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0	0.47	0	114.02	0	295.62	0	477.23	0	658.83	0	840.43	0	1022.04	0	1203.64	0	1385.24	0	1566.84	0	1748.02	0	1921.52	0	2092.89	0	2207.67	0	2214.08
	0.55	1/4	117.8	1/4	299.41	1/4	481.01	1/4	662.61	1/4	844.22	1/4	1025.82	1/4	1207.42	1/4	1389.02	1/4	1570.63	1/4	1751.7	1/4	1925.09	1/4	2096.46	1/4	2207.8	1/4	2214.22
1/2	0.63	1/2	121.59	1/2	303.19	1/2	484.79	1/2	666.4	1/2	848	1/2	1029.6	1/2	1211.21	1/2	1392.81	1/2	1574.41	1/2	1755.38	1/2	1928.66	1/2	2100.03	1/2	2207.94	1/2	2214.35
3/4	0.79	3/4	125.37	3/4	306.97	3/4	488.58	3/4	670.18	3/4	851.78	3/4	1033.39	3/4	1214.99	3/4	1396.59	3/4	1578.19	3/4	1759.05	3/4	1932.23	3/4	2103.6	3/4	2208.07	3/4	2214.48
1	0.95	1	129.15	1	310.76	1	492.36	1	673.96	1	855.57	1	1037.17	1	1218.77	1	1400.38	1	1581.98	1	1762.73	1	1935.8	1	2107.17	1	2208.21	1	2214.62
1/4	1.22	1/4	132.94	1/4	314.54	1/4	496.14	1/4	677.75	1/4	859.35	1/4	1040.95	1/4	1222.56	1/4	1404.16	1/4	1585.76	1/4	1766.41	1/4	1939.37	1/4	2110.74	1/4	2208.34	1/4	2214.75
1/2	1.49	1/2	136.72	1/2	318.32	1/2	499.93	1/2	681.53	1/2	863.13	1/2	1044.74	1/2	1226.34	1/2	1407.94	1/2	1589.55	1/2	1770.08	1/2	1942.94	1/2	2114.31	1/2	2208.47	1/2	2214.89
3/4	1.93	3/4	140.5	3/4	322.11	3/4	503.71	3/4	685.31	3/4	866.92	3/4	1048.52	3/4	1230.12	3/4	1411.73	3/4	1593.33	3/4	1773.76	3/4	1946.51	3/4	2117.88	3/4	2208.61	3/4	2215.02
2	2.37	2	144.29	2	325.89	2	507.49	2	689.1	2	870.7	2	1052.30	2	1233.39	2	1415.51	2	1597.11	2	1777.44	2	1950.08	2	2121.45	2	2208.74	2	2215.15
	3	1/4	148.07	1/4	329.67	1/4	511.28	1/4	692.88	1/4	874.48	1/4	1056.09	1/4	1237.69	1/4	1419.29	1/4	1600.9	1/4	1781.11	1/4	1953.65	1/4	2125.02	1/4	2208.87	1/4	2215.29
1/2	3.63	1/2	151.85	1/2	333.46	1/2	515.06	1/2	696.66	1/2	878.27	1/2	1059.87	1/2	1241.47	1/2	1423.08	1/2	1604.68	1/2	1784.79	1/2	1957.23	1/2	2128.59	1/2	2209.01	1/2	2215.42
3/4	4.49	3/4	155.64	3/4	337.24	3/4	518.84	3/4	700.45	3/4	882.05	3/4	1063.65	3/4	1245.26	3/4	1426.86	3/4	1608.46	3/4	1788.47	3/4	1960.8	3/4	2132.16	3/4	2209.14	3/4	2215.55
3	5.35	3	159.42	3	341.02	3	522.63	3	704.23	3	885.83	3	1067.44	3	1249.04	3	1430.64	3	1612.25	3	1792.14	3	1964.37	3	2135.74	3	2209.27	3	2215.69
1/4	6.5	1/4	163.2	1/4	344.81	1/4	526.41	1/4	708.01	1/4	889.62	1/4	1071.22	1/4	1252.82	1/4	1434.43	1/4	1616.03	1/4	1795.82	1/4	1967.94	1/4	2139.31	1/4	2209.41	1/4	2215.85
1/2	7.65	1/2	166.99	1/2	348.59	1/2	530.19	1/2	711.8	1/2	893.4	1/2	1075	1/2	1256.61	1/2	1438.21	1/2	1619.81	1/2	1799.5	1/2	1971.51	1/2	2142.88	1/2	2209.54	1/2	2215.95
3/4	9.1	3/4	170.77	3/4	352.37	3/4	533.98	3/4	715.58	3/4	897.18	3/4	1078.79	3/4	1260.39	3/4	1441.99	3/4	1623.6	3/4	1803.17	3/4	1975.08	3/4	2146.45	3/4	2209.68	3/4	2216.09
4	10.55	4	174.55	4	356.16	4	537.76	4	719.36	4	900.97	4	1082.57	4	1264.17	4	1445.78	4	1627.38	4	1806.85	4	1978.65	4	2150.02	4	2209.81	4	2216.22
1/4	12.28	1/4	178.34	1/4	359.94	1/4	541.54	1/4	723.15	1/4	904.75	1/4	1086.35	1/4	1267.96	1/4	1449.56	1/4	1631.16	1/4	1810.53	1/4	1982.22	1/4	2153.59	1/4	2209.94	1/4	2216.36
1/2	14.01	1/2	182.12	1/2	363.72	1/2	545.33	1/2	726.93	1/2	908.53	1/2	1090.14	1/2	1271.74	1/2	1453.34	1/2	1634.95	1/2	1814.2	1/2	1985.79	1/2	2157.16	1/2	2210.08	1/2	2216.49
3/4	16.05	3/4	185.9	3/4	367.51	3/4	549.11	3/4	730.71	3/4	912.32	3/4	1093.92	3/4	1275.52	3/4	1457.13	3/4	1638.73	3/4	1817.88	3/4	1989.36	3/4	2160.73	3/4	2210.21	3/4	2216.62
5	18.09	5	189.69	5	371.29	5	552.89	5	734.5	5	916.1	5	1097.70	5	1279.31	5	1460.91	5	1642.51	5	1821.56	5	1992.93	5	2164.30	5	2210.34	5	2216.76
1/4	20.45	1/4	193.47	1/4	375.07	1/4	556.68	1/4	738.28	1/4	919.88	1/4	1101.49	1/4	1283.09	1/4	1464.69	1/4	1646.3	1/4	1825.13	1/4	1996.5	1/4	2167.72	1/4	2210.48	1/4	2216.89
1/2	22.81	1/2	197.25	1/2	378.86	1/2	560.46	1/2	742.06	1/2	923.67	1/2	1105.27	1/2	1286.87	1/2	1468.48	1/2	1650.08	1/2	1828.7	1/2	2000.07	1/2	2171.14	1/2	2210.61	1/2	2217.02
3/4	25.48	3/4	201.04	3/4	382.64	3/4	564.24	3/4	745.85	3/4	927.45	3/4	1109.05	3/4	1290.66	3/4	1472.26	3/4	1653.86	3/4	1832.27	3/4	2003.64	3/4	2174.26	3/4	2210.74	3/4	2217.16
6	28.15	6	204.82	6	386.42	6	568.03	6	749.63	6	931.23	6	1112.84	6	1294.44	6	1476.04	6	1657.65	6	1835.84	6	2007.21	6	2177.38	6	2210.88	6	2217.29
1/4	31.07	1/4	208.6	1/4	390.21	1/4	571.81	1/4	753.41	1/4	935.02	1/4	1116.62	1/4	1298.22	1/4	1479.83	1/4	1661.43	1/4	1839.41	1/4	2010.78	1/4	2180.21	1/4	2211.01	1/4	2217.42
1/2	33.99	1/2	212.39	1/2	393.99	1/2	575.59	1/2	757.2	1/2	938.8	1/2	1120.4	1/2	1302.01	1/2	1483.61	1/2	1665.21	1/2	1842.98	1/2	2014.35	1/2	2183.04	1/2	2211.14	1/2	2217.56
3/4	36.14	3/4	216.17	3/4	397.77	3/4	579.38	3/4	760.98	3/4	942.58	3/4	1124.19	3/4	1305.79	3/4	1487.39	3/4	1669	3/4	1846.55	3/4	2017.92	3/4	2185.57	3/4	2211.28	3/4	2217.69
7	40.29	7	219.95	7	401.56	7	583.16	7	764.76	7	946.37	7	1127.97	7	1309.57	7	1491.18	7	1672.78	7	1850.12	7	2021.49	7	2188.1	7	2211.41	7	2217.82
1/4	43.64	1/4	223.74	1/4	405.34	1/4	586.94	1/4	768.55	1/4	950.15	1/4	1131.75	1/4	1313.36	1/4	1494.96	1/4	1676.56	1/4	1853.69	1/4	2025.06	1/4	2190.33	1/4	2211.55	1/4	2217.96
1/2	46.99	1/2	227.52	1/2	409.12	1/2	590.73	1/2	772.33	1/2	953.93	1/2	1135.54	1/2	1317.14	1/2	1498.74	1/2	1680.35	1/2	1857.26	1/2	2028.63	1/2	2192.56	1/2	2211.68	1/2	2218.09
3/4	50.5	3/4	231.3	3/4	412.91	3/4	594.51	3/4	776.11	3/4	957.72	3/4	1139.32	3/4	1320.92	3/4	1502.53	3/4	1684.13	3/4	1860.83	3/4	2032.2	3/4	2194.49	3/4	2211.81	3/4	2218.23
8	54.01	8	235.09	8	416.69	8	598.29	8	779.9	8	961.5	8	1143.1	8	1324.71	8	1506.31	8	1687.91	8	1864.4	8	2035.77	8	2196.42	8	2211.95	8	2218.36
1/4	57.64	1/4	238.87	1/4	420.47	1/4	602.08	1/4	783.68	1/4	965.28	1/4	1146.89	1/4	1328.49	1/4	1510.09	1/4	1691.7	1/4	1867.97	1/4	2039.34	1/4	2198.06	1/4	2212.08	1/4	2218.49
1/2	61.27	1/2	242.65	1/2	424.26	1/2	605.86	1/2	787.46	1/2	969.07	1/2	1150.67	1/2	1332.27	1/2	1513.88	1/2	1695.48	1/2	1871.54	1/2	2042.91	1/2	2199.7	1/2	2212.21	1/2	2218.63
3/4	64.99	3/4	246.44	3/4	428.04	3/4	609.64	3/4	791.25	3/4	972.85	3/4	1154.45	3/4	1336.08	3/4	1517.66	3/4	1699.26	3/4	1875.11	3/4	2046.48	3/4	2201.04	3/4	2212.35	3/4	2218.76
9	68.71	9	250.22	9	431.82	9	613.43	9	795.03	9	976.63	9	1158.24	9	1339.84	9	1521.44	9	1703.05	9	1878.68	9	2050.05	9	2202.38	9	2212.48	9	2218.89
1/4	72.45	1/4	254.00	1/4	435.61	1/4	617.21	1/4	798.81	1/4	980.42	1/4	1162.02	1/4	1343.62	1/4	1525.23	1/4	1706.83	1/4	1882.25	1/4	2053.62	1/4	2203.42	1/4	2212.61	1/4	2219.03
1/2	76.19	1/2	257.79	1/2	439.39	1/2	620.99	1/2	802.6	1/2	984.2	1/2	1165.8	1/2	1347.41	1/2	1529.01	1/2	1710.61	1/2	1885.82	1/2	2057.19	1/2	2204.46	1/2	2212.75	1/2	2219.16
3/4	79.97	3/4	261.57	3/4	443.17	3/4	624.78	3/4	808.38	3/4	987.98	3/4	1169.59	3/4	1351.19	3/4	1532.79	3/4	1714.40	3/4	1889.39	3/4	2060.76	3/4	2205.2	3/4	2212.88	3/4	2219.29
10	83.75	10	265.36	10	446.96	10	628.56	10	810.16	10	991.77	10	1173.																

MAGNOLIA MARINE - BARGE "LB-4"

INNAGE TABLE

2 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET		14 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0	0.48	0	82.58	0	179.36	0	276.15	0	372.93	0	469.71	0	566.49	0	663.27	0	760.06	0	856.84	0	953.62	0	974.85	0	976.69	0	978.52	0	980.35
1/4	0.56	1/4	84.6	1/4	181.38	1/4	278.16	1/4	374.94	1/4	471.73	1/4	568.51	1/4	665.29	1/4	762.07	1/4	858.86	1/4	955.54	1/4	974.89	1/4	976.72	1/4	978.56	1/4	980.39
1/2	0.71	1/2	86.61	1/2	183.4	1/2	280.18	1/2	376.96	1/2	473.74	1/2	570.53	1/2	667.31	1/2	764.09	1/2	860.87	1/2	957.46	1/2	974.9	1/2	976.76	1/2	978.6	1/2	980.43
3/4	0.95	3/4	88.63	3/4	185.41	3/4	282.19	3/4	378.98	3/4	475.76	3/4	572.54	3/4	669.32	3/4	766.11	3/4	862.89	3/4	959.17	3/4	974.97	3/4	976.8	3/4	978.63	3/4	980.47
1	1.31	1	90.65	1	187.43	1	284.21	1	380.99	1	477.78	1	574.56	1	671.34	1	768.12	1	864.9	1	960.88	1	975	1	976.84	1	978.67	1	980.51
1/4	1.82	1/4	92.66	1/4	189.44	1/4	286.23	1/4	383.01	1/4	479.79	1/4	576.57	1/4	673.36	1/4	770.14	1/4	866.92	1/4	962.39	1/4	975.04	1/4	976.88	1/4	978.71	1/4	980.54
1/2	2.49	1/2	94.68	1/2	191.46	1/2	288.24	1/2	385.03	1/2	481.81	1/2	578.59	1/2	675.37	1/2	772.16	1/2	868.94	1/2	963.9	1/2	975.08	1/2	976.91	1/2	978.75	1/2	980.58
3/4	3.35	3/4	96.69	3/4	193.48	3/4	290.26	3/4	387.04	3/4	483.82	3/4	580.61	3/4	677.39	3/4	774.17	3/4	870.95	3/4	965.21	3/4	975.12	3/4	976.95	3/4	978.79	3/4	980.62
2	4.39	2	98.71	2	195.49	2	292.28	2	389.06	2	485.84	2	582.62	2	679.41	2	776.19	2	872.97	2	966.52	2	975.16	2	976.99	2	978.82	2	980.66
1/4	5.61	1/4	100.73	1/4	197.51	1/4	294.29	1/4	391.07	1/4	487.86	1/4	584.64	1/4	681.42	1/4	778.2	1/4	874.99	1/4	967.63	1/4	975.2	1/4	977.03	1/4	978.86	1/4	980.7
1/2	6.99	1/2	102.74	1/2	199.53	1/2	296.31	1/2	393.09	1/2	489.87	1/2	586.66	1/2	683.44	1/2	780.22	1/2	877	1/2	968.74	1/2	975.23	1/2	977.07	1/2	978.9	1/2	980.73
3/4	8.53	3/4	104.76	3/4	201.54	3/4	298.32	3/4	395.11	3/4	491.89	3/4	588.67	3/4	685.45	3/4	782.24	3/4	879.02	3/4	969.65	3/4	975.27	3/4	977.11	3/4	978.94	3/4	980.77
3	10.22	3	106.78	3	203.56	3	300.34	3	397.12	3	493.91	3	590.69	3	687.47	3	784.25	3	881.04	3	970.56	3	975.31	3	977.14	3	978.98	3	980.81
1/4	12.06	1/4	108.79	1/4	205.57	1/4	302.36	1/4	399.14	1/4	495.92	1/4	592.7	1/4	689.49	1/4	786.27	1/4	883.05	1/4	971.27	1/4	975.35	1/4	977.18	1/4	979.02	1/4	980.85
1/2	14.03	1/2	110.81	1/2	207.59	1/2	304.37	1/2	401.16	1/2	497.94	1/2	594.72	1/2	691.50	1/2	788.29	1/2	885.07	1/2	971.98	1/2	975.39	1/2	977.22	1/2	979.05	1/2	980.89
3/4	16.04	3/4	112.83	3/4	209.61	3/4	306.39	3/4	403.17	3/4	499.96	3/4	596.74	3/4	693.52	3/4	790.3	3/4	887.08	3/4	972.48	3/4	975.42	3/4	977.26	3/4	979.09	3/4	980.93
4	18.06	4	114.84	4	211.62	4	308.41	4	405.19	4	501.97	4	598.75	4	695.54	4	792.32	4	889.1	4	972.98	4	975.46	4	977.3	4	979.13	4	980.96
1/4	20.08	1/4	116.86	1/4	213.64	1/4	310.42	1/4	407.2	1/4	503.99	1/4	600.77	1/4	697.55	1/4	794.33	1/4	891.12	1/4	973.28	1/4	975.5	1/4	977.33	1/4	979.17	1/4	981
1/2	22.09	1/2	118.87	1/2	215.66	1/2	312.44	1/2	409.22	1/2	506	1/2	602.79	1/2	699.57	1/2	796.35	1/2	893.13	1/2	973.58	1/2	975.54	1/2	977.37	1/2	979.21	1/2	981.04
3/4	24.11	3/4	120.89	3/4	217.67	3/4	314.46	3/4	411.24	3/4	508.2	3/4	604.8	3/4	701.58	3/4	798.37	3/4	895.15	3/4	973.68	3/4	975.58	3/4	977.41	3/4	979.24	3/4	981.08
5	26.12	5	122.91	5	219.69	5	316.47	5	413.25	5	510.04	5	606.82	5	703.60	5	800.38	5	897.17	5	973.78	5	975.62	5	977.45	5	979.28	5	981.12
1/4	28.14	1/4	124.92	1/4	221.71	1/4	318.49	1/4	415.27	1/4	512.05	1/4	608.83	1/4	705.62	1/4	802.4	1/4	899.18	1/4	973.82	1/4	975.65	1/4	977.49	1/4	979.32	1/4	
1/2	30.16	1/2	126.94	1/2	223.72	1/2	320.5	1/2	417.29	1/2	514.07	1/2	610.85	1/2	707.63	1/2	804.42	1/2	901.2	1/2	973.86	1/2	975.69	1/2	977.53	1/2	979.36	1/2	
3/4	32.17	3/4	128.96	3/4	225.74	3/4	322.52	3/4	419.3	3/4	516.09	3/4	612.87	3/4	709.65	3/4	806.43	3/4	903.21	3/4	973.9	3/4	975.73	3/4	977.56	3/4	979.4	3/4	
6	34.19	6	130.97	6	227.75	6	324.54	6	421.32	6	518.1	6	614.88	6	711.67	6	808.45	6	905.23	6	973.93	6	975.77	6	977.60	6	979.44	6	
1/4	36.21	1/4	132.99	1/4	229.77	1/4	326.55	1/4	423.34	1/4	520.12	1/4	616.9	1/4	713.68	1/4	810.46	1/4	907.25	1/4	973.97	1/4	975.81	1/4	977.64	1/4	979.47	1/4	
1/2	38.22	1/2	135	1/2	231.79	1/2	328.57	1/2	425.35	1/2	522.13	1/2	618.92	1/2	715.7	1/2	812.48	1/2	909.26	1/2	974.01	1/2	975.84	1/2	977.68	1/2	979.51	1/2	
3/4	40.24	3/4	137.02	3/4	233.8	3/4	330.59	3/4	427.37	3/4	524.15	3/4	620.93	3/4	717.72	3/4	814.5	3/4	911.28	3/4	974.05	3/4	975.88	3/4	977.72	3/4	979.55	3/4	
7	42.25	7	139.04	7	235.82	7	332.6	7	429.38	7	526.17	7	622.95	7	719.73	7	816.51	7	913.3	7	974.09	7	975.92	7	977.75	7	979.59	7	
1/4	44.27	1/4	141.05	1/4	237.84	1/4	334.62	1/4	431.4	1/4	528.18	1/4	624.97	1/4	721.75	1/4	818.53	1/4	915.31	1/4	974.13	1/4	975.96	1/4	977.79	1/4	979.63	1/4	
1/2	46.29	1/2	143.07	1/2	239.85	1/2	336.63	1/2	433.42	1/2	530.2	1/2	626.98	1/2	723.76	1/2	820.55	1/2	917.33	1/2	974.16	1/2	976	1/2	977.83	1/2	979.66	1/2	
3/4	48.30	3/4	145.09	3/4	241.87	3/4	338.65	3/4	435.43	3/4	532.22	3/4	629	3/4	725.78	3/4	822.56	3/4	919.35	3/4	974.2	3/4	976.04	3/4	977.87	3/4	979.7	3/4	
8	50.32	8	147.1	8	243.88	8	340.67	8	437.45	8	534.23	8	631.01	8	727.8	8	824.58	8	921.36	8	974.24	8	976.07	8	977.91	8	979.74	8	
1/4	52.34	1/4	149.12	1/4	245.9	1/4	342.68	1/4	439.47	1/4	536.25	1/4	633.03	1/4	729.81	1/4	826.6	1/4	923.38	1/4	974.28	1/4	976.11	1/4	977.95	1/4	979.78	1/4	
1/2	54.35	1/2	151.13	1/2	247.92	1/2	344.7	1/2	441.48	1/2	538.26	1/2	635.05	1/2	731.83	1/2	828.61	1/2	925.39	1/2	974.32	1/2	976.15	1/2	977.98	1/2	979.82	1/2	
3/4	56.37	3/4	153.15	3/4	249.93	3/4	346.72	3/4	443.5	3/4	540.28	3/4	637.06	3/4	733.95	3/4	830.63	3/4	927.41	3/4	974.36	3/4	976.19	3/4	978.02	3/4	979.86	3/4	
9	58.38	9	155.17	9	251.95	9	348.73	9	445.51	9	542.3	9	639.08	9	735.86	9	832.64	9	929.43	9	974.39	9	976.23	9	978.06	9	979.89	9	
1/4	60.40	1/4	157.18	1/4	253.97	1/4	350.75	1/4	447.53	1/4	544.31	1/4	641.10	1/4	737.88	1/4	834.66	1/4	931.44	1/4	974.43	1/4	976.27	1/4	978.10	1/4	979.93	1/4	
1/2	62.42	1/2	159.2	1/2	255.98	1/2	352.76	1/2	449.55	1/2	546.33	1/2	643.11	1/2	739.89	1/2	836.68	1/2	933.46	1/2	974.47	1/2	976.3	1/2	978.14	1/2	979.97	1/2	
3/4	64.43	3/4	161.22	3/4	258	3/4	354.78	3/4	451.56	3/4	548.35	3/4	645.13	3/4	741.91	3/4	838.69	3/4	935.48	3/4	974.51	3/4	976.34	3/4	978.18	3/4	980.01	3/4	
10	66.45	10	163.23	10	260.01	10	356.8	10	453.58	10	550.36	10	647.14	10	743.93	10	840.71	10	937.49	10	974.55	10	976.38	10	978.21	10	980.05	10	
1/4	68.47	1/4	165.25	1/4	262.03	1/4	358.81	1/4	455.6	1/4	552.38	1/4	649.16	1/4	745.94	1/4	842.73	1/4	939.51	1/4	974.58	1/4	976.42	1/4	978.25	1/4	980.09	1/4	
1/2	70.48	1/2	167.27	1/2	264.05	1/2	360.8																						

MAGNOLIA MARINE - BARGE "LB-4"

INNAGE TABLE

2 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET		14 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0	0.48	0	84.63	0	183.82	0	283.01	0	382.2	0	481.4	0	580.59	0	679.78	0	778.97	0	878.16	0	977.36	0	999.08	0	1000.92	0	1002.75	0	1004.59
1/4	0.56	1/4	86.69	1/4	185.89	1/4	285.08	1/4	384.27	1/4	483.46	1/4	582.65	1/4	681.85	1/4	781.04	1/4	880.23	1/4	979.33	1/4	999.12	1/4	1000.96	1/4	1002.79	1/4	1004.62
1/2	0.71	1/2	88.76	1/2	187.95	1/2	287.14	1/2	386.34	1/2	485.53	1/2	584.72	1/2	683.91	1/2	783.1	1/2	882.3	1/2	981.3	1/2	999.16	1/2	1000.99	1/2	1002.83	1/2	1004.66
3/4	0.96	3/4	90.83	3/4	190.02	3/4	289.21	3/4	388.4	3/4	487.59	3/4	586.79	3/4	685.98	3/4	785.17	3/4	884.36	3/4	983.05	3/4	999.2	3/4	1001.03	3/4	1002.87	3/4	1004.7
1	1.33	1	92.89	1	192.09	1	291.28	1	390.47	1	489.66	1	588.85	1	688.05	1	787.24	1	886.43	1	984.8	1	999.24	1	1001.07	1	1002.9	1	1004.74
1/4	1.85	1/4	94.96	1/4	194.15	1/4	293.34	1/4	392.54	1/4	491.73	1/4	590.92	1/4	690.11	1/4	789.3	1/4	888.5	1/4	986.35	1/4	999.28	1/4	1001.11	1/4	1002.94	1/4	1004.78
1/2	2.54	1/2	97.03	1/2	196.22	1/2	295.41	1/2	394.6	1/2	493.79	1/2	592.99	1/2	692.18	1/2	791.37	1/2	890.56	1/2	987.9	1/2	999.31	1/2	1001.15	1/2	1002.98	1/2	1004.81
3/4	3.42	3/4	99.09	3/4	198.28	3/4	297.48	3/4	396.67	3/4	495.86	3/4	595.05	3/4	694.24	3/4	793.44	3/4	892.63	3/4	989.24	3/4	999.35	3/4	1001.19	3/4	1003.02	3/4	1004.85
2	4.49	2	101.16	2	200.35	2	299.54	2	398.74	2	497.93	2	597.12	2	696.31	2	795.5	2	894.7	2	990.58	2	999.39	2	1001.22	2	1003.06	2	1004.89
1/4	5.74	1/4	103.23	1/4	202.42	1/4	301.61	1/4	400.8	1/4	499.99	1/4	599.19	1/4	698.38	1/4	797.57	1/4	896.76	1/4	991.72	1/4	999.43	1/4	1001.26	1/4	1003.10	1/4	1004.93
1/2	7.15	1/2	105.29	1/2	204.48	1/2	303.68	1/2	402.87	1/2	502.06	1/2	601.25	1/2	700.44	1/2	799.64	1/2	898.83	1/2	992.86	1/2	999.47	1/2	1001.3	1/2	1003.13	1/2	1004.97
3/4	8.73	3/4	107.36	3/4	206.55	3/4	305.74	3/4	404.93	3/4	504.13	3/4	603.32	3/4	702.51	3/4	801.7	3/4	900.89	3/4	993.79	3/4	999.51	3/4	1001.34	3/4	1003.17	3/4	1005.01
3	10.46	3	109.43	3	208.62	3	307.81	3	407	3	506.19	3	605.39	3	704.58	3	803.77	3	902.96	3	994.72	3	999.54	3	1001.38	3	1003.21	3	1005.04
1/4	12.35	1/4	111.49	1/4	210.68	1/4	309.88	1/4	409.07	1/4	508.26	1/4	607.45	1/4	706.64	1/4	805.84	1/4	905.03	1/4	995.45	1/4	999.58	1/4	1001.42	1/4	1003.25	1/4	1005.08
1/2	14.37	1/2	113.56	1/2	212.75	1/2	311.94	1/2	411.13	1/2	510.33	1/2	609.53	1/2	708.71	1/2	807.9	1/2	907.09	1/2	996.18	1/2	999.62	1/2	1001.45	1/2	1003.29	1/2	1005.12
3/4	16.43	3/4	115.62	3/4	214.82	3/4	314.01	3/4	413.2	3/4	512.39	3/4	611.58	3/4	710.78	3/4	809.97	3/4	909.16	3/4	996.69	3/4	999.66	3/4	1001.49	3/4	1003.33	3/4	1005.16
4	18.5	4	117.69	4	216.88	4	316.08	4	415.27	4	514.46	4	613.65	4	712.84	4	812.04	4	911.23	4	997.2	4	999.7	4	1001.53	4	1003.36	4	1005.2
1/4	20.57	1/4	119.76	1/4	218.95	1/4	318.14	1/4	417.33	1/4	516.53	1/4	615.72	1/4	714.91	1/4	814.1	1/4	913.29	1/4	997.51	1/4	999.73	1/4	1001.57	1/4	1003.4	1/4	1005.24
1/2	22.63	1/2	121.82	1/2	221.02	1/2	320.21	1/2	419.4	1/2	518.59	1/2	617.78	1/2	716.98	1/2	816.17	1/2	915.36	1/2	997.82	1/2	999.77	1/2	1001.61	1/2	1003.44	1/2	1005.27
3/4	24.7	3/4	123.89	3/4	223.08	3/4	322.27	3/4	421.47	3/4	520.66	3/4	619.85	3/4	719.04	3/4	818.23	3/4	917.43	3/4	997.92	3/4	999.81	3/4	1001.64	3/4	1003.48	3/4	1005.31
5	26.77	5	125.96	5	225.15	5	324.34	5	423.53	5	522.73	5	621.92	5	721.11	5	820.3	5	919.49	5	998.02	5	999.85	5	1001.68	5	1003.52	5	1005.35
1/4	28.83	1/4	128.02	1/4	227.22	1/4	326.41	1/4	425.6	1/4	524.79	1/4	623.98	1/4	723.18	1/4	822.37	1/4	921.56	1/4	998.05	1/4	999.89	1/4	1001.72	1/4	1003.55	1/4	
1/2	30.9	1/2	130.09	1/2	229.28	1/2	328.47	1/2	427.67	1/2	526.86	1/2	626.05	1/2	725.24	1/2	824.43	1/2	923.63	1/2	998.09	1/2	999.93	1/2	1001.76	1/2	1003.59	1/2	
3/4	32.96	3/4	132.16	3/4	231.35	3/4	330.54	3/4	429.73	3/4	528.92	3/4	628.12	3/4	727.31	3/4	826.5	3/4	925.69	3/4	998.13	3/4	999.96	3/4	1001.8	3/4	1003.63	3/4	
6	35.03	6	134.22	6	233.42	6	332.61	6	431.8	6	530.99	6	630.18	6	729.38	6	828.57	6	927.76	6	998.17	6	1000.00	6	1001.84	6	1003.67	6	
1/4	37.1	1/4	136.29	1/4	235.48	1/4	334.67	1/4	433.87	1/4	533.06	1/4	632.25	1/4	731.44	1/4	830.63	1/4	929.83	1/4	998.21	1/4	1000.04	1/4	1001.87	1/4	1003.71	1/4	
1/2	39.16	1/2	138.36	1/2	237.55	1/2	336.74	1/2	435.93	1/2	535.12	1/2	634.32	1/2	733.51	1/2	832.7	1/2	931.89	1/2	998.24	1/2	1000.08	1/2	1001.91	1/2	1003.75	1/2	
3/4	41.23	3/4	140.42	3/4	239.61	3/4	338.81	3/4	438	3/4	537.19	3/4	636.38	3/4	735.57	3/4	834.77	3/4	933.96	3/4	998.28	3/4	1000.12	3/4	1001.95	3/4	1003.78	3/4	
7	43.3	7	142.49	7	241.68	7	340.87	7	440.07	7	539.26	7	638.45	7	737.64	7	836.83	7	936.03	7	998.32	7	1000.15	7	1001.99	7	1003.82	7	
1/4	45.36	1/4	144.56	1/4	243.75	1/4	342.94	1/4	442.13	1/4	541.32	1/4	640.52	1/4	739.71	1/4	838.9	1/4	938.09	1/4	998.36	1/4	1000.19	1/4	1002.03	1/4	1003.86	1/4	
1/2	47.43	1/2	146.62	1/2	245.81	1/2	345.01	1/2	444.2	1/2	543.39	1/2	642.58	1/2	741.77	1/2	840.97	1/2	940.16	1/2	998.4	1/2	1000.23	1/2	1002.06	1/2	1003.9	1/2	
3/4	49.5	3/4	148.69	3/4	247.88	3/4	347.07	3/4	446.26	3/4	545.46	3/4	644.65	3/4	743.84	3/4	843.03	3/4	942.22	3/4	998.44	3/4	1000.27	3/4	1002.1	3/4	1003.94	3/4	
8	51.56	8	150.76	8	249.95	8	349.14	8	448.33	8	547.52	8	646.72	8	745.91	8	845.1	8	944.29	8	998.47	8	1000.31	8	1002.14	8	1003.97	8	
1/4	53.63	1/4	152.82	1/4	252.01	1/4	351.21	1/4	450.4	1/4	549.59	1/4	648.78	1/4	747.97	1/4	847.17	1/4	946.36	1/4	998.51	1/4	1000.35	1/4	1002.18	1/4	1004.01	1/4	
1/2	55.7	1/2	154.89	1/2	254.08	1/2	353.27	1/2	452.46	1/2	551.66	1/2	650.85	1/2	750.04	1/2	849.23	1/2	948.42	1/2	998.55	1/2	1000.38	1/2	1002.22	1/2	1004.05	1/2	
3/4	57.76	3/4	156.95	3/4	256.15	3/4	355.34	3/4	454.53	3/4	553.72	3/4	652.91	3/4	752.11	3/4	851.3	3/4	950.49	3/4	998.59	3/4	1000.42	3/4	1002.26	3/4	1004.09	3/4	
9	59.83	9	159.02	9	258.21	9	357.41	9	456.6	9	555.79	9	654.98	9	754.17	9	853.37	9	952.56	9	998.63	9	1000.46	9	1002.29	9	1004.13	9	
1/4	61.9	1/4	161.09	1/4	260.28	1/4	359.47	1/4	458.66	1/4	557.86	1/4	657.05	1/4	756.24	1/4	855.43	1/4	954.62	1/4	998.66	1/4	1000.5	1/4	1002.33	1/4	1004.17	1/4	
1/2	63.96	1/2	163.15	1/2	262.35	1/2	361.54	1/2	460.73	1/2	559.92	1/2	659.11	1/2	758.31	1/2	857.5	1/2	956.69	1/2	998.7	1/2	1000.54	1/2	1002.37	1/2	1004.2	1/2	
3/4	66.03	3/4	165.22	3/4	264.41	3/4	363.60	3/4	462.80	3/4	561.99	3/4	661.18	3/4	760.37	3/4	859.56	3/4	958.76	3/4	998.74	3/4	1000.57	3/4	1002.41	3/4	1004.24	3/4	
10	68.1	10	167.29	10	266.48	10	365.67	10	464.86	10	564.06	10	663.25	10	762.44	10	861.63	10	960.82	10	998.78	10	1000.61	10	1002.45	10	1004.28	10	
1/4	70.16	1/4	169.35	1/4	268.55	1/4	367.74	1/4	466.93	1/4	566.12	1/4	665.31	1/4	764.51	1/4	863.7	1/4	962.89	1/4	998.82	1/4	1000.65</						

MAGNOLIA MARINE - BARGE "LB-4"

INNAGE TABLE

3 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET		14 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0	0.47	0	111.75	0	288.96	0	466.18	0	643.39	0	820.61	0	997.83	0	1175.04	0	1352.26	0	1529.47	0	1706.3	0	1876.13	0	2044.01	0	2156.6	0	2163.01
1/4	0.55	1/4	115.44	1/4	292.65	1/4	469.87	1/4	647.09	1/4	824.3	1/4	1001.52	1/4	1178.73	1/4	1355.95	1/4	1533.17	1/4	1709.9	1/4	1879.63	1/4	2047.51	1/4	2156.73	1/4	2163.15
1/2	0.63	1/2	119.13	1/2	296.35	1/2	473.56	1/2	650.78	1/2	827.99	1/2	1005.21	1/2	1182.43	1/2	1359.64	1/2	1536.86	1/2	1713.49	1/2	1883.12	1/2	2051.01	1/2	2156.87	1/2	2163.28
3/4	0.79	3/4	122.82	3/4	300.04	3/4	477.25	3/4	654.47	3/4	831.69	3/4	1008.9	3/4	1186.12	3/4	1363.33	3/4	1540.55	3/4	1717.08	3/4	1886.62	3/4	2054.51	3/4	2157.00	3/4	2163.41
1	0.95	1	126.51	1	303.73	1	480.95	1	658.16	1	835.38	1	1012.59	1	1189.81	1	1367.03	1	1544.24	1	1720.68	1	1890.12	1	2058	1	2157.13	1	2163.55
1/4	1.22	1/4	130.21	1/4	307.42	1/4	484.64	1/4	661.85	1/4	839.07	1/4	1016.29	1/4	1193.5	1/4	1370.72	1/4	1547.93	1/4	1724.27	1/4	1893.62	1/4	2061.5	1/4	2157.27	1/4	2163.68
1/2	1.49	1/2	133.9	1/2	311.11	1/2	488.33	1/2	665.55	1/2	842.76	1/2	1019.98	1/2	1197.19	1/2	1374.41	1/2	1551.63	1/2	1727.87	1/2	1897.11	1/2	2065.00	1/2	2157.4	1/2	2163.81
3/4	1.92	3/4	137.59	3/4	314.81	3/4	492.02	3/4	669.24	3/4	846.45	3/4	1023.67	3/4	1200.89	3/4	1378.1	3/4	1555.35	3/4	1731.46	3/4	1900.61	3/4	2068	3/4	2157.54	3/4	2163.95
2	2.35	2	141.28	2	318.5	2	495.71	2	672.93	2	850.15	2	1027.36	2	1204.58	2	1381.79	2	1559.01	2	1735.06	2	1904.11	2	2071.99	2	2157.67	2	2164.08
1/4	2.97	1/4	144.97	1/4	322.19	1/4	499.41	1/4	676.62	1/4	853.84	1/4	1031.05	1/4	1208.27	1/4	1385.49	1/4	1562.7	1/4	1738.65	1/4	1907.61	1/4	2075.49	1/4	2157.8	1/4	2164.22
1/2	3.59	1/2	148.67	1/2	325.88	1/2	503.1	1/2	680.31	1/2	857.53	1/2	1034.75	1/2	1211.96	1/2	1389.18	1/2	1566.39	1/2	1742.25	1/2	1911.11	1/2	2078.99	1/2	2157.94	1/2	2164.35
3/4	4.44	3/4	152.36	3/4	329.57	3/4	506.79	3/4	684.01	3/4	861.22	3/4	1038.44	3/4	1215.65	3/4	1392.87	3/4	1570.09	3/4	1745.84	3/4	1914.6	3/4	2082.49	3/4	2158.07	3/4	2164.48
3	5.29	3	156.05	3	333.27	3	510.48	3	687.7	3	864.91	3	1042.13	3	1219.35	3	1396.56	3	1573.78	3	1749.44	3	1918.10	3	2085.99	3	2158.2	3	2164.62
1/4	6.42	1/4	159.74	1/4	336.96	1/4	514.17	1/4	691.39	1/4	868.61	1/4	1045.82	1/4	1223.04	1/4	1400.25	1/4	1577.47	1/4	1753.03	1/4	1921.6	1/4	2089.48	1/4	2158.34	1/4	2164.75
1/2	7.55	1/2	163.43	1/2	340.65	1/2	517.87	1/2	695.08	1/2	872.3	1/2	1049.51	1/2	1226.73	1/2	1403.95	1/2	1581.16	1/2	1756.63	1/2	1925.1	1/2	2092.98	1/2	2158.47	1/2	2164.88
3/4	8.98	3/4	167.13	3/4	344.34	3/4	521.56	3/4	698.77	3/4	875.99	3/4	1053.21	3/4	1230.42	3/4	1407.64	3/4	1584.85	3/4	1760.22	3/4	1928.59	3/4	2096.48	3/4	2158.6	3/4	2165.02
4	10.41	4	170.82	4	348.03	4	525.25	4	702.47	4	879.68	4	1056.9	4	1234.11	4	1411.33	4	1588.55	4	1763.82	4	1932.09	4	2099.98	4	2158.74	4	2165.15
1/4	12.12	1/4	174.51	1/4	351.73	1/4	528.94	1/4	706.16	1/4	883.37	1/4	1060.59	1/4	1237.81	1/4	1415.02	1/4	1592.24	1/4	1767.41	1/4	1935.59	1/4	2103.47	1/4	2158.87	1/4	2165.28
1/2	13.83	1/2	178.2	1/2	355.42	1/2	532.63	1/2	709.85	1/2	887.07	1/2	1064.28	1/2	1241.5	1/2	1418.71	1/2	1595.93	1/2	1771.01	1/2	1939.09	1/2	2106.97	1/2	2159.01	1/2	2165.42
3/4	15.83	3/4	181.89	3/4	359.11	3/4	536.33	3/4	713.54	3/4	890.76	3/4	1067.97	3/4	1245.19	3/4	1422.41	3/4	1599.62	3/4	1774.6	3/4	1942.58	3/4	2110.47	3/4	2159.14	3/4	2165.55
5	17.83	5	185.59	5	362.8	5	540.02	5	717.23	5	894.45	5	1071.67	5	1248.88	5	1426.1	5	1603.31	5	1778.2	5	1946.08	5	2113.97	5	2159.27	5	2165.69
1/4	20.15	1/4	189.28	1/4	366.49	1/4	543.71	1/4	720.93	1/4	898.14	1/4	1075.36	1/4	1252.57	1/4	1429.79	1/4	1607.01	1/4	1781.69	1/4	1949.58	1/4	2117.33	1/4	2159.41	1/4	2165.82
1/2	22.47	1/2	192.97	1/2	370.19	1/2	547.4	1/2	724.62	1/2	901.83	1/2	1079.05	1/2	1256.27	1/2	1433.48	1/2	1610.7	1/2	1785.19	1/2	1953.08	1/2	2120.69	1/2	2159.54	1/2	2165.95
3/4	25.09	3/4	196.66	3/4	373.88	3/4	551.09	3/4	728.31	3/4	905.53	3/4	1082.74	3/4	1259.96	3/4	1437.17	3/4	1614.39	3/4	1788.69	3/4	1956.57	3/4	2123.76	3/4	2159.67	3/4	2166.09
6	27.71	6	200.35	6	377.57	6	554.79	6	732	6	909.22	6	1086.43	6	1263.65	6	1440.87	6	1618.08	6	1792.19	6	1960.07	6	2126.83	6	2159.81	6	2166.22
1/4	30.57	1/4	204.05	1/4	381.26	1/4	558.48	1/4	735.69	1/4	912.91	1/4	1090.13	1/4	1267.34	1/4	1444.56	1/4	1621.77	1/4	1795.68	1/4	1963.57	1/4	2129.61	1/4	2159.94	1/4	2166.35
1/2	33.43	1/2	207.74	1/2	384.95	1/2	562.17	1/2	739.39	1/2	916.6	1/2	1093.82	1/2	1271.03	1/2	1448.25	1/2	1625.47	1/2	1799.18	1/2	1967.07	1/2	2132.39	1/2	2160.07	1/2	2166.49
3/4	36.52	3/4	211.43	3/4	388.65	3/4	565.86	3/4	743.08	3/4	920.22	3/4	1097.51	3/4	1274.73	3/4	1451.94	3/4	1629.16	3/4	1802.68	3/4	1970.56	3/4	2134.87	3/4	2160.21	3/4	2166.62
7	39.61	7	215.12	7	392.34	7	569.55	7	746.77	7	923.99	7	1101.2	7	1278.42	7	1455.63	7	1632.85	7	1806.18	7	1974.06	7	2137.35	7	2160.34	7	2166.75
1/4	42.9	1/4	218.81	1/4	396.03	1/4	573.25	1/4	750.46	1/4	927.68	1/4	1104.89	1/4	1282.11	1/4	1459.33	1/4	1636.54	1/4	1809.67	1/4	1977.56	1/4	2139.54	1/4	2160.47	1/4	2166.89
1/2	46.19	1/2	222.51	1/2	399.72	1/2	576.94	1/2	754.15	1/2	931.37	1/2	1108.59	1/2	1285.8	1/2	1463.02	1/2	1640.23	1/2	1813.17	1/2	1981.06	1/2	2141.73	1/2	2160.61	1/2	2167.02
3/4	49.63	3/4	226.2	3/4	403.41	3/4	580.63	3/4	757.85	3/4	935.06	3/4	1112.28	3/4	1289.49	3/4	1466.71	3/4	1643.93	3/4	1816.67	3/4	1984.55	3/4	2143.63	3/4	2160.74	3/4	2167.15
8	53.07	8	229.89	8	407.11	8	584.32	8	761.54	8	938.75	8	1115.97	8	1293.19	8	1470.4	8	1647.62	8	1820.17	8	1988.05	8	2145.53	8	2160.88	8	2167.29
1/4	56.63	1/4	233.58	1/4	410.8	1/4	588.01	1/4	765.23	1/4	942.45	1/4	1119.66	1/4	1296.88	1/4	1474.09	1/4	1651.31	1/4	1823.67	1/4	1991.55	1/4	2147.14	1/4	2161.01	1/4	2167.42
1/2	60.19	1/2	237.27	1/2	414.49	1/2	591.71	1/2	768.92	1/2	946.14	1/2	1123.35	1/2	1300.57	1/2	1477.79	1/2	1655	1/2	1827.16	1/2	1995.05	1/2	2148.75	1/2	2161.14	1/2	2167.56
3/4	63.84	3/4	240.97	3/4	418.18	3/4	595.4	3/4	772.61	3/4	949.83	3/4	1127.05	3/4	1304.26	3/4	1481.48	3/4	1658.69	3/4	1830.66	3/4	1998.55	3/4	2150.07	3/4	2161.28	3/4	2167.69
9	67.49	9	244.66	9	421.87	9	599.09	9	776.31	9	953.52	9	1130.74	9	1307.95	9	1485.17	9	1662.39	9	1834.16	9	2002.04	9	2151.39	9	2161.41	9	2167.82
1/4	71.16	1/4	248.35	1/4	425.57	1/4	602.78	1/4	780.00	1/4	957.21	1/4	1134.43	1/4	1311.65	1/4	1488.86	1/4	1666.08	1/4	1837.66	1/4	2005.54	1/4	2152.41	1/4	2161.54	1/4	2167.96
1/2	74.83	1/2	252.04	1/2	429.26	1/2	606.47	1/2	783.69	1/2	960.91	1/2	1138.12	1/2	1315.34	1/2	1492.55	1/2	1669.77	1/2	1841.15	1/2	2009.04	1/2	2153.43	1/2	2161.68	1/2	2168.09
3/4	78.52	3/4	255.73	3/4	432.95	3/4	610.17	3/4	787.38	3/4	964.6	3/4	1141.81	3/4	1319.03	3/4	1496.25	3/4	1673.46	3/4	1844.65	3/4	2012.54	3/4	2154.16	3/4	2161.81	3/4	2168.22
10	82.21	10	259.43	10	436.64	10	613.86	10	791.07	10	968.29																		

MAGNOLIA MARINE - BARGE "LB-4"

INNAGE TABLE

3 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET		14 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0	0.47	0	114.07	0	295.94	0	477.81	0	659.68	0	841.54	0	1023.41	0	1205.28	0	1387.14	0	1569.01	0	1750.45	0	1924.22	0	2095.85	0	2210.74	0	2217.15
1/4	0.55	1/4	117.86	1/4	299.73	1/4	481.6	1/4	663.46	1/4	845.33	1/4	1027.2	1/4	1209.07	1/4	1390.93	1/4	1572.8	1/4	1754.13	1/4	1927.79	1/4	2099.43	1/4	2210.87	1/4	2217.29
1/2	0.63	1/2	121.65	1/2	303.52	1/2	485.39	1/2	667.25	1/2	849.12	1/2	1030.99	1/2	1212.86	1/2	1394.72	1/2	1576.59	1/2	1757.82	1/2	1931.37	1/2	2103	1/2	2211.01	1/2	2217.42
3/4	0.79	3/4	125.44	3/4	307.31	3/4	489.18	3/4	671.04	3/4	852.91	3/4	1034.78	3/4	1216.64	3/4	1398.51	3/4	1580.38	3/4	1761.5	3/4	1934.95	3/4	2106.58	3/4	2211.14	3/4	2217.55
1	0.95	1	129.23	1	311.10	1	492.96	1	674.83	1	856.7	1	1038.57	1	1220.43	1	1402.3	1	1584.17	1	1765.18	1	1938.52	1	2110.15	1	2211.27	1	2217.69
1/4	1.22	1/4	133.02	1/4	314.89	1/4	496.75	1/4	678.62	1/4	860.49	1/4	1042.35	1/4	1224.22	1/4	1406.09	1/4	1587.96	1/4	1768.86	1/4	1942.1	1/4	2113.73	1/4	2211.41	1/4	2217.82
1/2	1.49	1/2	136.81	1/2	318.67	1/2	500.54	1/2	682.41	1/2	864.28	1/2	1046.14	1/2	1228.01	1/2	1409.88	1/2	1591.75	1/2	1772.55	1/2	1945.67	1/2	2117.31	1/2	2211.54	1/2	2217.95
3/4	1.93	3/4	140.60	3/4	322.46	3/4	504.33	3/4	686.2	3/4	868.07	3/4	1049.93	3/4	1231.8	3/4	1413.67	3/4	1595.53	3/4	1776.23	3/4	1949.25	3/4	2120.88	3/4	2211.68	3/4	2218.09
2	2.37	2	144.39	2	326.25	2	508.12	2	689.99	2	871.85	2	1053.72	2	1235.59	2	1417.46	2	1599.32	2	1779.91	2	1952.82	2	2124.46	2	2211.81	2	2218.22
1/4	3	1/4	148.17	1/4	330.04	1/4	511.91	1/4	693.78	1/4	875.64	1/4	1057.51	1/4	1239.38	1/4	1421.24	1/4	1603.11	1/4	1783.59	1/4	1956.4	1/4	2128.03	1/4	2211.94	1/4	2218.36
1/2	3.63	1/2	151.96	1/2	333.83	1/2	515.7	1/2	697.58	1/2	879.43	1/2	1061.3	1/2	1243.17	1/2	1425.03	1/2	1606.90	1/2	1787.28	1/2	1959.98	1/2	2131.61	1/2	2212.08	1/2	2218.49
3/4	4.49	3/4	155.75	3/4	337.62	3/4	519.49	3/4	701.35	3/4	883.22	3/4	1065.09	3/4	1246.96	3/4	1428.82	3/4	1610.69	3/4	1790.96	3/4	1963.55	3/4	2135.18	3/4	2212.21	3/4	2218.62
3	5.35	3	159.54	3	341.41	3	523.28	3	705.14	3	887.01	3	1068.88	3	1250.74	3	1432.61	3	1614.48	3	1794.64	3	1967.13	3	2138.76	3	2212.34	3	2218.76
1/4	6.50	1/4	163.33	1/4	345.2	1/4	527.06	1/4	708.93	1/4	890.8	1/4	1072.67	1/4	1254.53	1/4	1436.4	1/4	1618.27	1/4	1798.32	1/4	1970.7	1/4	2142.34	1/4	2212.48	1/4	2218.89
1/2	7.65	1/2	167.12	1/2	348.99	1/2	530.85	1/2	712.72	1/2	894.59	1/2	1076.45	1/2	1258.32	1/2	1440.19	1/2	1622.06	1/2	1802	1/2	1974.28	1/2	2145.91	1/2	2212.61	1/2	2219.02
3/4	9.1	3/4	170.91	3/4	352.77	3/4	534.64	3/4	716.51	3/4	898.38	3/4	1080.24	3/4	1262.11	3/4	1443.98	3/4	1625.85	3/4	1805.69	3/4	1977.85	3/4	2149.49	3/4	2212.74	3/4	2219.16
4	10.55	4	174.7	4	356.56	4	538.43	4	720.3	4	902.17	4	1084.03	4	1265.9	4	1447.77	4	1629.63	4	1809.37	4	1981.43	4	2153.06	4	2212.88	4	2219.29
1/4	12.28	1/4	178.49	1/4	360.35	1/4	542.22	1/4	724.09	1/4	905.95	1/4	1087.82	1/4	1269.69	1/4	1451.56	1/4	1633.42	1/4	1813.05	1/4	1985	1/4	2156.64	1/4	2213.01	1/4	2219.42
1/2	14.01	1/2	182.27	1/2	364.14	1/2	546.01	1/2	727.88	1/2	909.74	1/2	1091.61	1/2	1273.48	1/2	1455.34	1/2	1637.21	1/2	1816.73	1/2	1988.58	1/2	2160.21	1/2	2213.14	1/2	2219.56
3/4	16.05	3/4	186.06	3/4	367.93	3/4	549.8	3/4	731.66	3/4	913.53	3/4	1095.4	3/4	1277.27	3/4	1459.13	3/4	1641	3/4	1820.42	3/4	1992.16	3/4	2163.79	3/4	2213.28	3/4	2219.69
5	18.09	5	189.85	5	371.72	5	553.59	5	735.45	5	917.32	5	1099.19	5	1281.06	5	1462.92	5	1644.79	5	1824.10	5	1995.73	5	2167.37	5	2213.41	5	2219.82
1/4	20.45	1/4	193.64	1/4	375.51	1/4	557.38	1/4	739.24	1/4	921.11	1/4	1102.98	1/4	1284.84	1/4	1466.71	1/4	1648.58	1/4	1827.67	1/4	1999.31	1/4	2170.79	1/4	2213.55	1/4	2219.96
1/2	22.81	1/2	197.43	1/2	379.3	1/2	561.16	1/2	743.03	1/2	924.9	1/2	1106.77	1/2	1288.63	1/2	1470.5	1/2	1652.37	1/2	1831.25	1/2	2002.88	1/2	2174.21	1/2	2213.68	1/2	2220.09
3/4	25.48	3/4	201.22	3/4	383.09	3/4	564.95	3/4	746.82	3/4	928.69	3/4	1110.55	3/4	1292.42	3/4	1474.29	3/4	1656.16	3/4	1834.83	3/4	2006.46	3/4	2177.33	3/4	2213.81	3/4	2220.23
6	28.15	6	205.01	6	386.87	6	568.74	6	750.61	6	932.48	6	1114.34	6	1296.21	6	1478.08	6	1659.95	6	1838.4	6	2010.03	6	2180.45	6	2213.95	6	2220.36
1/4	31.07	1/4	208.8	1/4	390.66	1/4	572.53	1/4	754.4	1/4	936.27	1/4	1118.13	1/4	1300	1/4	1481.87	1/4	1663.73	1/4	1841.98	1/4	2013.61	1/4	2183.28	1/4	2214.08	1/4	2220.49
1/2	33.99	1/2	212.59	1/2	394.45	1/2	576.32	1/2	758.19	1/2	940.05	1/2	1121.92	1/2	1303.79	1/2	1485.66	1/2	1667.52	1/2	1845.55	1/2	2017.19	1/2	2186.11	1/2	2214.21	1/2	2220.63
3/4	37.14	3/4	216.37	3/4	398.24	3/4	580.11	3/4	761.98	3/4	943.84	3/4	1125.71	3/4	1307.58	3/4	1489.44	3/4	1671.31	3/4	1849.13	3/4	2020.76	3/4	2188.64	3/4	2214.35	3/4	2220.76
7	40.29	7	220.16	7	402.03	7	583.9	7	765.76	7	947.63	7	1129.50	7	1311.37	7	1493.23	7	1675.1	7	1852.7	7	2024.34	7	2191.17	7	2214.48	7	2220.89
1/4	43.64	1/4	223.95	1/4	405.82	1/4	587.69	1/4	769.55	1/4	951.42	1/4	1133.29	1/4	1315.16	1/4	1497.02	1/4	1678.89	1/4	1856.28	1/4	2027.91	1/4	2193.4	1/4	2214.61	1/4	2221.03
1/2	46.99	1/2	227.74	1/2	409.61	1/2	591.48	1/2	773.34	1/2	955.21	1/2	1137.08	1/2	1318.94	1/2	1500.81	1/2	1682.68	1/2	1859.86	1/2	2031.49	1/2	2195.63	1/2	2214.75	1/2	2221.16
3/4	50.5	3/4	231.53	3/4	413.4	3/4	595.26	3/4	777.13	3/4	959.00	3/4	1140.87	3/4	1322.73	3/4	1504.6	3/4	1686.47	3/4	1863.43	3/4	2035.06	3/4	2197.56	3/4	2214.88	3/4	2221.29
8	54.01	8	235.32	8	417.19	8	599.05	8	780.92	8	962.79	8	1144.65	8	1326.52	8	1508.39	8	1690.26	8	1867.01	8	2038.64	8	2199.49	8	2215.02	8	2221.43
1/4	57.64	1/4	239.11	1/4	420.97	1/4	602.84	1/4	784.71	1/4	966.58	1/4	1148.44	1/4	1330.31	1/4	1512.18	1/4	1694.05	1/4	1870.58	1/4	2042.22	1/4	2201.13	1/4	2215.15	1/4	2221.56
1/2	61.27	1/2	242.9	1/2	424.76	1/2	606.63	1/2	788.5	1/2	970.37	1/2	1152.23	1/2	1334.1	1/2	1515.97	1/2	1697.83	1/2	1874.16	1/2	2045.79	1/2	2202.77	1/2	2215.28	1/2	2221.7
3/4	64.99	3/4	246.69	3/4	428.55	3/4	610.42	3/4	792.29	3/4	974.15	3/4	1156.02	3/4	1337.89	3/4	1519.76	3/4	1701.62	3/4	1877.73	3/4	2049.37	3/4	2204.11	3/4	2215.42	3/4	2221.83
9	68.71	9	250.47	9	432.34	9	614.21	9	796.08	9	977.94	9	1159.81	9	1341.68	9	1523.54	9	1705.41	9	1881.31	9	2052.94	9	2205.45	9	2215.55	9	2221.96
1/4	72.45	1/4	254.26	1/4	436.13	1/4	618	1/4	799.86	1/4	981.73	1/4	1163.6	1/4	1345.47	1/4	1527.33	1/4	1709.2	1/4	1884.89	1/4	2056.52	1/4	2206.49	1/4	2215.68	1/4	2222.10
1/2	76.19	1/2	258.05	1/2	439.92	1/2	621.79	1/2	803.65	1/2	985.52	1/2	1167.39	1/2	1349.26	1/2	1531.12	1/2	1712.99	1/2	1888.46	1/2	2060.09	1/2	2207.53	1/2	2215.82	1/2	2222.23
3/4	79.97	3/4	261.84	3/4	443.71	3/4	625.58	3/4	807.44	3/4	989.31	3/4	1171.18	3/4	1353.04	3/4	1534.91	3/4	1716.78	3/4	1892.04	3/4	2063.67	3/4	2208.27	3/4	2215.95	3/4	2222.36
10	83.76	10	265.63	10	447.5	10	629.36	10	811.23	10	993.1	10	1174.																