



INSPECTORATE

ISO 9002 ACCREDITED

BARGE "MOC II"

MARILL, INC.

TANK NUMBER:
1 PORT

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

IN.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0	2,380.33	2,178.92	1,975.08	1,771.02	1,566.97	1,362.92	1,158.86	954.81	750.76	546.71	343.54	147.22	0	0	0	0
1/4	2,376.46	2,174.70	1,970.82	1,766.77	1,562.72	1,358.67	1,154.61	950.56	746.51	542.45	339.33	143.26	0	0	0	0
1/2	2,372.59	2,170.47	1,966.57	1,762.52	1,558.47	1,354.41	1,150.36	946.31	742.26	538.20	335.12	139.31	0	0	0	0
3/4	2,368.72	2,166.25	1,962.32	1,758.27	1,554.22	1,350.16	1,146.11	942.06	738.01	533.95	330.92	135.35	0	0	0	0
1	2,364.85	2,162.02	1,958.07	1,754.02	1,549.97	1,345.91	1,141.86	937.81	733.75	529.70	326.71	131.40	0	0	0	0
1 1/4	2,360.63	2,157.80	1,953.87	1,749.77	1,545.71	1,341.66	1,137.61	933.56	729.50	525.45	322.50	127.49	0	0	0	0
1 1/2	2,356.40	2,153.57	1,949.57	1,745.52	1,541.46	1,337.41	1,133.36	929.30	725.25	521.20	318.30	123.58	0	0	0	0
1 3/4	2,352.17	2,149.35	1,945.32	1,741.27	1,537.21	1,333.16	1,129.11	925.05	721.00	516.95	314.09	119.67	0	0	0	0
2	2,347.95	2,145.12	1,941.07	1,737.01	1,532.96	1,328.91	1,124.86	920.80	716.75	512.70	309.88	115.76	0	0	0	0
2 1/4	2,343.72	2,140.87	1,936.82	1,732.76	1,528.71	1,324.66	1,120.60	916.55	712.50	508.45	305.68	111.90	0	0	0	0
2 1/2	2,339.50	2,136.62	1,932.56	1,728.51	1,524.46	1,320.41	1,116.35	912.30	708.25	504.19	301.47	108.03	0	0	0	0
2 3/4	2,335.27	2,132.37	1,928.31	1,724.26	1,520.21	1,316.16	1,112.10	908.05	704.00	499.94	297.26	104.17	0	0	0	0
3	2,331.05	2,128.12	1,924.06	1,720.01	1,515.96	1,311.90	1,107.85	903.80	700.00	495.69	293.05	100.30	0	0	0	0
3 1/4	2,326.82	2,123.86	1,919.81	1,715.76	1,511.71	1,307.65	1,103.60	899.55	695.75	491.44	288.88	96.48	0	0	0	0
3 1/2	2,322.59	2,119.61	1,915.56	1,711.51	1,507.45	1,303.40	1,099.35	895.40	691.24	487.19	284.71	92.65	0	0	0	0
3 3/4	2,318.37	2,115.36	1,911.31	1,707.26	1,503.20	1,299.15	1,095.10	891.04	687.99	482.94	280.54	88.83	0	0	0	0
4	2,314.14	2,111.11	1,907.06	1,703.01	1,498.95	1,294.90	1,090.85	886.79	684.74	478.69	276.37	85.01	0	0	0	0
4 1/4	2,309.92	2,106.86	1,902.81	1,698.75	1,494.70	1,290.65	1,086.60	882.54	680.49	474.44	272.20	81.27	0	0	0	0
4 1/2	2,305.69	2,102.61	1,898.56	1,694.50	1,490.45	1,286.40	1,082.34	878.29	676.24	470.19	268.03	77.53	0	0	0	0
4 3/4	2,301.47	2,098.36	1,894.30	1,690.25	1,486.20	1,282.15	1,078.09	874.04	672.00	465.94	263.86	73.80	0	0	0	0
5	2,297.24	2,094.11	1,890.05	1,686.00	1,481.95	1,277.90	1,073.84	869.79	667.74	461.68	259.69	70.05	0	0	0	0
5 1/4	2,293.02	2,089.86	1,885.80	1,681.75	1,477.70	1,273.64	1,069.59	865.54	663.54	457.43	255.51	66.39	0	0	0	0
5 1/2	2,288.79	2,085.61	1,881.55	1,677.50	1,473.45	1,269.39	1,065.34	861.29	659.29	453.18	251.34	62.72	0	0	0	0
5 3/4	2,284.56	2,081.36	1,877.30	1,673.25	1,469.19	1,265.14	1,061.09	857.04	655.04	448.93	247.17	59.05	0	0	0	0
6	2,280.34	2,077.10	1,873.05	1,669.00	1,464.94	1,260.89	1,056.84	852.79	650.79	444.68	243.00	55.38	0	0	0	0
6 1/4	2,276.11	2,072.85	1,868.80	1,664.75	1,460.69	1,256.64	1,052.59	848.54	646.54	440.43	238.83	51.77	0	0	0	0
6 1/2	2,271.89	2,068.60	1,864.55	1,660.49	1,456.44	1,252.39	1,048.34	844.28	642.28	436.18	234.66	48.16	0	0	0	0
6 3/4	2,267.66	2,064.35	1,860.30	1,656.24	1,452.19	1,248.14	1,044.08	840.03	638.03	431.93	230.49	44.67	0	0	0	0
7	2,263.44	2,060.10	1,856.04	1,651.99	1,447.94	1,243.89	1,039.83	835.78	633.78	427.68	226.32	41.17	0	0	0	0
7 1/4	2,259.21	2,055.85	1,851.79	1,647.74	1,443.69	1,239.64	1,035.58	831.53	629.53	423.47	222.15	38.05	0	0	0	0
7 1/2	2,254.99	2,051.60	1,847.54	1,643.49	1,439.44	1,235.38	1,031.33	827.28	625.28	419.26	218.14	34.92	0	0	0	0
7 3/4	2,250.76	2,047.34	1,843.29	1,639.24	1,435.19	1,231.13	1,027.08	823.03	621.03	415.05	214.45	31.79	0	0	0	0
8	2,246.53	2,043.09	1,839.04	1,634.99	1,430.93	1,226.88	1,022.83	818.78	616.78	410.85	210.50	28.67	0	0	0	0
8 1/4	2,242.31	2,038.84	1,834.79	1,630.74	1,426.68	1,222.63	1,018.58	814.53	612.53	406.64	206.54	26.13	0	0	0	0
8 1/2	2,238.08	2,034.59	1,830.54	1,626.49	1,422.43	1,218.38	1,014.33	810.27	608.27	402.43	202.59	23.58	0	0	0	0
8 3/4	2,233.86	2,030.34	1,826.29	1,622.23	1,418.18	1,214.13	1,010.08	806.02	604.02	398.23	198.63	21.04	0	0	0	0
9	2,229.63	2,026.09	1,822.04	1,617.98	1,413.93	1,209.88	1,005.82	801.77	600.77	394.02	194.68	18.50	0	0	0	0
9 1/4	2,225.41	2,021.84	1,817.78	1,613.73	1,409.68	1,205.63	1,001.57	797.47	596.47	389.81	190.72	16.50	0	0	0	0
9 1/2	2,221.19	2,017.59	1,813.53	1,609.48	1,405.43	1,201.38	997.32	793.27	592.27	385.61	186.77	14.50	0	0	0	0
9 3/4	2,216.96	2,013.34	1,809.28	1,605.23	1,401.18	1,197.12	993.07	789.07	588.07	381.40	182.81	12.50	0	0	0	0
10	2,212.73	2,009.09	1,805.03	1,600.98	1,396.93	1,192.87	988.82	784.87	583.82	377.19	178.86	10.50	0	0	0	0
10 1/4	2,208.50	2,004.84	1,800.78	1,596.73	1,392.68	1,188.62	984.57	780.52	579.52	372.99	174.90	9.06	0	0	0	0
10 1/2	2,204.27	2,000.59	1,796.53	1,592.48	1,388.42	1,184.37	980.32	776.27	575.27	368.78	170.95	7.63	0	0	0	0
10 3/4	2,199.98	1,996.33	1,792.28	1,588.23	1,384.17	1,180.12	976.07	772.02	571.02	364.57	166.99	6.19	0	0	0	0
11	2,195.75	1,992.08	1,788.03	1,583.97	1,379.92	1,175.87	971.82	767.76	566.76	360.36	163.04	4.75	0	0	0	0
11 1/4	2,191.52	1,987.81	1,783.78	1,579.72	1,375.67	1,171.62	967.56	763.51	562.51	356.16	159.08	3.87	0	0	0	0
11 1/2	2,187.29	1,983.54	1,779.53	1,575.47	1,371.42	1,167.37	963.31	759.26	558.26	351.95	155.13	2.98	0	0	0	0
11 3/4	2,183.06	1,979.27	1,775.27	1,571.22	1,367.17	1,163.12	959.06	755.01	554.01	347.74	151.17	2.09	0	0	0	0

VOLUME BELOW STRIKE POINT: REFERENCE GAUGE HEIGHT: 15'-0 1/4" (TO RIM OF HATCH OPPOSITE BARGE PER INCH OF EXPANSION HATCH = .13 HINGE, BETWEEN FILE MARKS)

REISSUED IN OUTAGE: 1/13/95

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.



INSPECTORATE

ISO 9002 ACCREDITED

BARGE "MOC II"

MAROLL, INC.

TANK NUMBER:
1 STAR.

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

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	15 FEET
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	2,377.84	2,176.27	1,972.41	1,768.37	1,564.33	1,360.28	1,156.24	952.20	748.16	544.11	341.07	145.27	1.06
1/2	2,373.97	2,172.04	1,968.16	1,764.12	1,560.08	1,356.03	1,151.99	947.95	743.90	539.86	336.87	141.27	0.75
3/4	2,370.10	2,167.82	1,963.91	1,759.87	1,555.83	1,351.78	1,147.74	943.70	739.65	535.61	332.67	137.37	
1	2,366.23	2,163.59	1,959.66	1,755.62	1,551.58	1,347.53	1,143.49	939.45	735.40	531.36	328.47	133.36	
1 1/4	2,362.18	2,159.36	1,955.41	1,751.37	1,547.32	1,343.28	1,139.24	935.19	731.15	527.11	324.27	129.43	
1 1/2	2,357.96	2,155.14	1,951.16	1,747.12	1,543.07	1,339.03	1,134.99	930.94	726.90	522.86	320.07	125.57	
1 3/4	2,353.73	2,150.91	1,946.91	1,742.87	1,538.82	1,334.78	1,130.74	926.65	722.65	518.61	315.88	121.61	
2	2,349.51	2,146.69	1,942.66	1,738.62	1,534.57	1,330.53	1,126.49	922.44	718.40	514.36	311.68	117.70	
2 1/4	2,345.28	2,142.45	1,938.41	1,734.38	1,530.32	1,326.28	1,122.23	918.19	714.15	510.10	307.48	113.82	
2 1/2	2,341.06	2,138.20	1,934.16	1,730.11	1,526.07	1,322.03	1,117.98	913.94	709.90	505.85	303.28	109.95	
2 3/4	2,336.83	2,133.95	1,929.91	1,725.86	1,521.82	1,317.78	1,113.73	909.65	705.65	501.60	299.08	106.08	
3	2,332.61	2,129.70	1,925.65	1,721.61	1,517.57	1,313.52	1,109.48	905.44	701.40	497.35	294.88	102.22	
3 1/4	2,328.38	2,125.45	1,921.40	1,717.36	1,513.32	1,309.27	1,105.23	901.19	697.14	493.10	290.70	98.37	
3 1/2	2,324.16	2,121.20	1,917.15	1,713.11	1,509.07	1,305.02	1,100.98	896.94	692.89	488.85	286.54	94.55	
3 3/4	2,319.93	2,116.95	1,912.90	1,708.86	1,504.82	1,300.77	1,096.73	892.69	688.64	484.60	282.37	90.73	
4	2,315.70	2,112.69	1,908.65	1,704.61	1,500.56	1,296.52	1,092.48	888.43	684.39	480.35	278.21	86.91	
4 1/4	2,311.48	2,108.44	1,904.40	1,700.36	1,496.31	1,292.27	1,088.23	884.18	680.14	476.10	274.05	83.13	
4 1/2	2,307.25	2,104.19	1,900.15	1,696.11	1,492.06	1,288.02	1,083.98	879.93	675.89	471.85	269.88	79.39	
4 3/4	2,303.03	2,099.94	1,895.90	1,691.85	1,487.81	1,283.77	1,079.73	875.68	671.64	467.60	265.72	75.66	
5	2,298.80	2,095.69	1,891.65	1,687.60	1,483.56	1,279.52	1,075.47	871.43	667.39	463.34	261.56	71.92	
5 1/4	2,294.58	2,091.44	1,887.40	1,683.35	1,479.31	1,275.27	1,071.22	867.18	663.14	459.09	257.39	68.22	
5 1/2	2,290.35	2,087.19	1,883.15	1,679.10	1,475.06	1,271.02	1,066.97	862.94	658.89	454.84	253.23	64.54	
5 3/4	2,286.13	2,082.94	1,878.89	1,674.85	1,470.81	1,266.77	1,062.72	858.69	654.64	450.59	249.07	60.87	
6	2,281.90	2,078.69	1,874.64	1,670.60	1,466.56	1,262.51	1,058.47	854.43	650.38	446.34	244.90	57.20	
6 1/4	2,277.68	2,074.44	1,870.39	1,666.35	1,462.31	1,258.26	1,054.22	850.18	646.11	442.09	240.74	53.56	
6 1/2	2,273.45	2,070.19	1,866.14	1,662.10	1,458.06	1,254.01	1,049.97	845.93	641.88	437.84	236.58	49.96	
6 3/4	2,269.23	2,065.94	1,861.89	1,657.85	1,453.80	1,249.76	1,045.72	841.67	637.63	433.59	232.42	46.41	
7	2,265.00	2,061.69	1,857.64	1,653.60	1,449.55	1,245.51	1,041.47	837.42	633.38	429.34	228.25	42.91	
7 1/4	2,260.77	2,057.44	1,853.39	1,649.35	1,445.30	1,241.26	1,037.22	833.17	629.13	425.11	224.07	39.60	
7 1/2	2,256.55	2,053.18	1,849.14	1,645.10	1,441.05	1,237.01	1,032.97	828.92	624.88	420.94	220.20	36.48	
7 3/4	2,252.32	2,048.93	1,844.89	1,640.85	1,436.80	1,232.76	1,028.71	824.67	620.63	416.70	216.34	33.35	
8	2,248.10	2,044.68	1,840.64	1,636.59	1,432.55	1,228.51	1,024.46	820.42	616.38	412.45	212.36	30.22	
8 1/4	2,243.87	2,040.43	1,836.39	1,632.34	1,428.30	1,224.26	1,020.21	816.17	612.13	408.28	208.41	27.39	
8 1/2	2,239.65	2,036.18	1,832.13	1,628.09	1,424.05	1,220.01	1,015.96	811.92	607.88	404.08	204.46	24.85	
8 3/4	2,235.42	2,031.93	1,827.88	1,623.84	1,419.80	1,215.76	1,011.71	807.67	603.62	399.87	200.52	22.31	
9	2,231.20	2,027.68	1,823.63	1,619.59	1,415.55	1,211.50	1,007.46	803.42	600.37	395.63	196.57	19.74	
9 1/4	2,226.97	2,023.43	1,819.38	1,615.34	1,411.30	1,207.25	1,003.21	799.17	596.12	391.46	192.62	17.50	
9 1/2	2,222.75	2,019.17	1,815.13	1,611.09	1,407.04	1,203.00	1,000.00	794.92	591.87	387.28	188.68	15.50	
9 3/4	2,218.52	2,014.92	1,810.88	1,606.84	1,402.79	1,198.75	994.71	790.66	587.62	383.06	184.73	13.50	
10	2,214.30	2,010.67	1,806.63	1,602.59	1,398.54	1,194.50	990.46	786.41	583.37	378.84	180.78	11.50	
10 1/4	2,210.07	2,006.42	1,802.38	1,598.34	1,394.29	1,190.25	986.21	782.16	579.12	374.66	176.83	9.78	
10 1/2	2,205.84	2,002.17	1,798.13	1,594.08	1,390.04	1,186.00	981.95	777.91	574.87	370.44	172.85	8.34	
10 3/4	2,201.62	1,997.92	1,793.88	1,589.83	1,385.79	1,181.75	977.70	773.66	570.62	366.24	168.94	6.91	
11	2,197.40	1,993.67	1,789.63	1,585.58	1,381.54	1,177.50	973.45	769.34	566.37	362.07	165.07	5.47	
11 1/4	2,193.17	1,989.42	1,785.37	1,581.33	1,377.29	1,173.25	969.20	765.11	562.11	357.87	161.04	4.31	
11 1/2	2,188.94	1,985.17	1,781.12	1,577.08	1,373.04	1,169.00	964.95	760.89	557.86	353.67	157.05	3.42	
11 3/4	2,184.72	1,980.92	1,776.87	1,572.83	1,368.79	1,164.74	960.70	756.66	553.61	349.47	153.11	2.54	
12	2,180.49	1,976.67	1,772.62	1,568.58	1,364.54	1,160.49	956.45	752.43	549.36	345.27	149.18	1.59	

CAPACITY IN: 42-GALLON BARRELS

REFERENCE GAUGE HEIGHT: 15"-0 3/8" (TO RIM OF HATCH OPPOSITE HINGE, BETWEEN FILE MARKS)

STRAPPED: 1/9/64
RESSUED IN OUTGAGE: 1/13/95

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

