FORM 1/4L15W REV #2 7/98

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "MPC-727"
MARATHON PETROLEUM COMPANY

OUTAGE TABLE

TANK NO.
1 STAR

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

HULL NO. 2154-1

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.
0	3,944.65	0	3,733.91	0	3,373.10	0	3,012.28	0	2,650.66	0	2,288.65	0	1,926.63	0	1,564.62	0	1,202.60	0	840.58	0	481.28	0	130.12	0		0		0	
1/4	3,944.30	1/4	3,726.40	1/4	3,365.58	1/4	3,004.76	1/4	2,643.12	1/4	2,281.11	1/4	1,919.09	1/4	1,557.07	1/4	1,195.06	1/4	833.04	1/4	474.42	1/4	123.22	1/4		1/4		1/4	
1/2	3,943.94	1/2	3,718.88	1/2	3,358.06	1/2	2,997.25	1/2	2,635.58	1/2	2,273.56	1/2	1,911.55	1/2	1,549.53	1/2	1,187.52	1/2	825.50	1/2	467.56	1/2	116.33	1/2		1/2		1/2	
3/4	3,943.59	3/4	3,711.36	3/4	3,350.55	3/4	2,989.73	3/4	2,628.04	3/4	2,266.02	3/4	1,904.01	3/4	1,541.99	3/4	1,179.97	3/4	817.96	3/4	460.70	3/4	109.43	3/4		3/4		3/4	
1	3,943.23	1	3,703.84	1	3,343.03	1	2,982.21	1	2,620.50	1	2,258.48	1	1,896.46	1	1,534.45	1	1,172.43	1	810.42	1	453.83	1	102.54	1		1		1	
1/4	3,942.12	1/4	3,696.33	1/4	3,335.51	1/4	2,974.70	1/4	2,612.95	1/4	2,250.94	1/4	1,888.92	1/4	1,526.91	1/4	1,164.89	1/4	802.87	1/4	446.25	1/4	96.55	1/4		1/4		1/4	
1/2	3,941.01	1/2	3,688.81	1/2	3,327.99	1/2	2,967.18	1/2	2,605.41	1/2	2,243.40	1/2	1,881.38	1/2	1,519.36	1/2	1,157.35	1/2	795.33	1/2	438.67	1/2	90.56	1/2		1/2		1/2	
3/4	3,939.89	3/4	3,681.29	3/4	3,320.48	3/4	2,959.66	3/4	2,597.87	3/4	2,235.85	3/4	1,873.84	3/4	1,511.82	3/4	1,149.81	3/4	787.79	3/4	431.10	3/4	84.58	3/4		3/4		3/4	
2	3,938.78	2	3,673.78	2	3,312.96	2	2,952.14	2	2,590.33	2	2,228.31	2	1,866.30	2	1,504.28	2	1,142.26	2	780.25	2	423.52	2	78.59	2		2		2	
1/4	3,936.91	1/4	3,666.26	1/4	3,305.44	1/4	2,944.63	1/4	2,582.79	1/4	2,220.77	1/4	1,858.75	1/4	1,496.74	1/4	1,134.72	1/4	772.71	1/4	415.94	1/4	72.61	1/4		1/4		1/4	
1/2	3,935.04	1/2	3,658.74	1/2	3,297.93	1/2	2,937.11	1/2	2,575.24	1/2	2,213.23	1/2	1,851.21	1/2	1,489.20	1/2	1,127.18	1/2	765.16	1/2	408.36	1/2	66.62	1/2		1/2		1/2	
3/4	3,933.17	3/4	3,651.23	3/4	3,290.41	3/4	2,929.59	3/4	2,567.70	3/4	2,205.69	3/4	1,843.67	3/4	1,481.65	3/4	1,119.64	3/4	757.62	3/4	400.78	3/4	60.63	3/4		3/4		3/4	
3	3,931.30	3	3,643.71	3	3,282.89	3	2,922.08	3	2,560.16	3	2,198.14	3	1,836.13	3	1,474.11	3	1,112.10	3	750.08	3	393.20	3	54.65	3		3		3	
1/4	3,928.67	1/4	3,636.19	1/4	3,275.38	1/4	2,914.56	1/4	2,552.62	1/4	2,190.60	1/4	1,828.59	1/4	1,466.57	1/4	1,104.55	1/4	742.54	1/4	385.62	1/4	48.89	1/4		1/4		1/4	
1/2	3,926.04	1/2	3,628.67	1/2	3,267.86	1/2	2,907.04	1/2	2,545.08	1/2	2,183.06	1/2	1,821.04	1/2	1,459.03	1/2	1,097.01	1/2	735.00	1/2	378.04	1/2	43.13	1/2		1/2		1/2	
3/4	3,923.42	3/4	3,621.16	3/4	3,260.34	3/4	2,899.53	3/4	2,537.53	3/4	2,175.52	3/4	1,813.50	3/4	1,451.49	3/4	1,089.47	3/4	727.45	3/4	370.46	3/4	37.37	3/4		3/4		3/4	
4	3,920.79	4	3,613.64	4	3,252.82	4	2,892.01	4	2,529.99	4	2,167.98	4	1,805.96	4	1,443.94	4	1,081.93	4	719.91	4	362.88	4	31.62	4		4		4	
1/4	3,917.40	1/4	3,606.12	1/4	3,245.31	1/4	2,884.47	1/4	2,522.45	1/4	2,160.43	1/4	1,798.42	1/4	1,436.40	1/4	1,074.39	1/4	712.37	1/4	355.31	1/4	27.35	1/4		1/4		1/4	
1/2	3,914.02	1/2	3,598.61	1/2	3,237.79	1/2	2,876.92	1/2	2,514.91	1/2	2,152.89	1/2	1,790.88	1/2	1,428.86	1/2	1,066.84	1/2	704.83	1/2	347.73	1/2	23.09	1/2		1/2		1/2	
3/4	3,910.63	3/4	3,591.09	3/4	3,230.27	3/4	2,869.38	3/4	2,507.37	3/4	2,145.35	3/4	1,783.33	3/4	1,421.32	3/4	1,059.30	3/4	697.29	3/4	340.15	3/4	18.83	3/4		3/4		3/4	
5	3,907.24	5	3,583.57	5	3,222.76	5	2,861.84	5	2,499.82	5	2,137.81	5	1,775.79	5	1,413.78	5	1,051.76	5	689.74	5	332.57	5	* 14.57	5		5		5	
1/4	3,903.10	1/4	3,576.06	1/4	3,215.24	1/4	2,854.30	1/4	2,492.28	1/4	2,130.27	1/4	1,768.25	1/4	1,406.23	1/4	1,044.22	1/4	682.20	1/4	325.09	1/4		1/4		1/4		1/4	
1/2	3,898.96	1/2	3,568.54	1/2	3,207.72	1/2	2,846.76	1/2	2,484.74	1/2	2,122.72	1/2	1,760.71	1/2	1,398.69	1/2	1,036.68	1/2	674.66	1/2	317.61	1/2		1/2		1/2		1/2	
3/4	3,894.81	3/4	3,561.02	3/4	3,200.21	3/4	2,839.21	3/4	2,477.20	3/4	2,115.18	3/4	1,753.17	3/4	1,391.15	3/4	1,029.13	3/4	667.12	3/4	310.13	3/4		3/4		3/4		3/4	
6	3,890.67	6	3,553.50	6	3,192.69	6	2,831.67	6	2,469.66	6	2,107.64	6	1,745.62	6	1,383.61	6	1,021.59	6	659.58	6	302.64	6		6		6		6	
1/4	3,885.77	1/4	3,545.99	1/4	3,185.17	1/4	2,824.13	1/4	2,462.11	1/4	2,100.10	1/4	1,738.08	1/4	1,376.07	1/4	1,014.05	1/4	652.03	1/4	295.16	1/4		1/4		1/4		1/4	
1/2	3,880.86	1/2	3,538.47	1/2	3,177.65	1/2	2,816.59	1/2	2,454.57	1/2	2,092.56	1/2	1,730.54	1/2	1,368.52	1/2	1,006.51	1/2	644.49	1/2	287.68	1/2		1/2		1/2		1/2	
3/4	3,875.96	3/4	3,530.95	3/4	3,170.14	3/4	2,809.05	3/4	2,447.03	3/4	2,085.01	3/4	1,723.00	3/4	1,360.98	3/4	998.97	3/4	636.95	3/4	280.20	3/4		3/4		3/4		3/4	
7	3,871.06	7	3,523.44	7	3,162.62	7	2,801.50	7	2,439.49	7	2,077.47	7	1,715.46	7	1,353.44	7	991.42	7	629.41	7	272.72	7		7		7		7	
1/4	3,865.40	1/4	3,515.92	1/4	3,155.10	1/4	2,793.96	1/4	2,431.95	1/4	2,069.93	1/4	1,707.91	1/4	1,345.90	1/4	983.88	1/4	621.87	1/4	265.43	1/4		1/4		1/4		1/4	
1/2	3,859.74	1/2	3,508.40	1/2	3,147.59	1/2	2,786.42	1/2	2,424.40	1/2	2,062.39	1/2	1,700.37	1/2	1,338.36	1/2	976.34	1/2	614.32	1/2	258.15	1/2		1/2		1/2		1/2	
3/4	3,854.08	3/4	3,500.89	3/4	3,140.07	3/4	2,778.88	3/4	2,416.86	3/4	2,054.85	3/4	1,692.83	3/4	1,330.81	3/4	968.80	3/4	606.78	3/4	250.86	3/4		3/4		3/4		3/4	
8	3,848.42	8	3,493.37	8	3,132.55	8	2,771.34	8	2,409.32	8	2,047.30	8	1,685.29	8	1,323.27	8	961.26	8	599.24	8	243.58	8		8		8		8	
1/4	3,842.00	1/4	3,485.85	1/4	3,125.04	1/4	2,763.79	1/4	2,401.78	1/4	2,039.76	1/4	1,677.75	1/4	1,315.73	1/4	953.71	1/4	591.70	1/4	236.29	1/4		1/4		1/4		1/4	
1/2	3,835.58	1/2	3,478.33	1/2	3,117.52	1/2	2,756.25	1/2	2,394.24	1/2	2,032.22	1/2	1,670.20	1/2	1,308.19	1/2	946.17	1/2	584.16	1/2	229.00	1/2		1/2		1/2		1/2	
3/4	3,829.17	3/4	3,470.82	3/4	3,110.00	3/4	2,748.71	3/4	2,386.69	3/4	2,024.68	3/4	1,662.66	3/4	1,300.65	3/4	938.63	3/4	576.61	3/4	221.72	3/4		3/4		3/4		3/4	
9	3,822.75	9	3,463.30	9	3,102.48	9	2,741.17	9	2,379.15	9	2,017.14	9	1,655.12	9	1,293.10	9	931.09	9	569.07	9	214.43	9		9		9		9	
1/4	3,815.57	1/4	3,455.78	1/4	3,094.97	1/4	2,733.63	1/4	2,371.61	1/4	2,009.59	1/4	1,647.58	1/4	1,285.56	1/4	923.55	1/4	561.53	1/4	207.34	1/4		1/4		1/4		1/4	
1/2	3,808.40	1/2	3,448.27	1/2	3,087.45	1/2	2,726.08	1/2	2,364.07	1/2	2,002.05	1/2	1,640.04	1/2	1,278.02	1/2	916.00	1/2	553.99	1/2	200.25	1/2		1/2		1/2		1/2	
3/4	3,801.22	3/4	3,440.75	3/4	3,079.93	3/4	2,718.54	3/4	2,356.53	3/4	1,994.51	3/4	1,632.49	3/4	1,270.48	3/4	908.46	3/4	546.45	3/4	193.16	3/4		3/4		3/4		3/4	
10	3,794.05	10	3,433.23	10	3,072.42	10	2,711.00	10	2,348.98	10	1,986.97	10	1,624.95	10	1,262.94	10	900.92	10	538.90	10	186.07	10		10		10		10	
1/4	3,786.53	1/4	3,425.72	1/4	3,064.90	1/4	2,703.46	1/4	2,341.44	1/4	1,979.43	1/4	1,617.41	1/4	1,255.39	1/4	893.38	1/4	531.36	1/4	178.98	1/4		1/4		1/4		1/4	
1/2	3,779.01	1/2	3,418.20	1/2	3,057.38	1/2	2,695.92	1/2	2,333.90	1/2	1,971.88	1/2	1,609.87	1/2	1,247.85	1/2	885.84	1/2	523.82	1/2	171.89	1/2		1/2		1/2		1/2	
3/4	3,771.50	3/4	3,410.68	3/4	3,049.87	3/4	2,688.37	3/4	2,326.36	3/4	1,964.34	3/4	1,602.33	3/4	1,240.31	3/4	878.29	3/4	516.28	3/4	164.80	3/4		3/4		3/4		3/4	
11	3,763.98	11	3,403.16	11	3,042.35	11	2,680.83	11	2,318.82	11	1,956.80	11	1,594.78	11	1,232.77	11	870.75	11	508.74	11	157.70	11		11		11		11	
1/4	3,756.46	1/4	3,395.65	1/4	3,034.83	1/4	2,673.29	1/4	2,311.27	1/4	1,949.26	1/4	1,587.24	1/4	1,225.23	1/4	863.21	1/4	501.87	1/4	150.81	1/4		1/4		1/4		1/4	
1/2	3,748.95	1/2	3,388.13	1/2	3,027.31	1/2	2,665.75	1/2	2,303.73	1/2	1,941.72	1/2	1,579.70	1/2	1,217.68	1/2	855.67	1/2	495.01	1/2	143.91	1/2		1/2		1/2		1/2	
3/4	3,741.43	3/4	3,380.61	3/4	3,019.80	3/4	2,658.21	3/4	2,296.19	3/4	1,934.17	3/4	1,572.16	3/4	1,210.14	3/4	848.13	3/4	488.15	3/4	137.02	3/4		3/4		3/4		3/4	

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 9/14/06

* CAPACITY BELOW STRIKE POINT.

REFERENCE GAUGE HEIGHT : 11'-5" (RIM OF HATCH LOCATED NEAR CENTER OF TANK)

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 AMERICA CORPORATION

FORM 1/4L15W REV #2 7/98

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "MPC-727"
MARATHON PETROLEUM COMPANY

OUTAGE TABLE

TANK NO.
1 PORT

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

HULL NO. 2154-1

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.
0	3,944.65	0	3,733.91	0	3,373.10	0	3,012.28	0	2,650.66	0	2,288.65	0	1,926.63	0	1,564.62	0	1,202.60	0	840.58	0	481.28	0	130.12	0		0		0	
1/4	3,944.30	1/4	3,726.40	1/4	3,365.58	1/4	3,004.76	1/4	2,643.12	1/4	2,281.11	1/4	1,919.09	1/4	1,557.07	1/4	1,195.06	1/4	833.04	1/4	474.42	1/4	123.22	1/4		1/4		1/4	
1/2	3,943.94	1/2	3,718.88	1/2	3,358.06	1/2	2,997.25	1/2	2,635.58	1/2	2,273.56	1/2	1,911.55	1/2	1,549.53	1/2	1,187.52	1/2	825.50	1/2	467.56	1/2	116.33	1/2		1/2		1/2	
3/4	3,943.59	3/4	3,711.36	3/4	3,350.55	3/4	2,989.73	3/4	2,628.04	3/4	2,266.02	3/4	1,904.01	3/4	1,541.99	3/4	1,179.97	3/4	817.96	3/4	460.70	3/4	109.43	3/4		3/4		3/4	
1	3,943.23	1	3,703.84	1	3,343.03	1	2,982.21	1	2,620.50	1	2,258.48	1	1,896.46	1	1,534.45	1	1,172.43	1	810.42	1	453.83	1	102.54	1		1		1	
1/4	3,942.12	1/4	3,696.33	1/4	3,335.51	1/4	2,974.70	1/4	2,612.95	1/4	2,250.94	1/4	1,888.92	1/4	1,526.91	1/4	1,164.89	1/4	802.87	1/4	446.25	1/4	96.55	1/4		1/4		1/4	
1/2	3,941.01	1/2	3,688.81	1/2	3,327.99	1/2	2,967.18	1/2	2,605.41	1/2	2,243.40	1/2	1,881.38	1/2	1,519.36	1/2	1,157.35	1/2	795.33	1/2	438.67	1/2	90.56	1/2		1/2		1/2	
3/4	3,939.89	3/4	3,681.29	3/4	3,320.48	3/4	2,959.66	3/4	2,597.87	3/4	2,235.85	3/4	1,873.84	3/4	1,511.82	3/4	1,149.81	3/4	787.79	3/4	431.10	3/4	84.58	3/4		3/4		3/4	
2	3,938.78	2	3,673.78	2	3,312.96	2	2,952.14	2	2,590.33	2	2,228.31	2	1,866.30	2	1,504.28	2	1,142.26	2	780.25	2	423.52	2	78.59	2		2		2	
1/4	3,936.91	1/4	3,666.26	1/4	3,305.44	1/4	2,944.63	1/4	2,582.79	1/4	2,220.77	1/4	1,858.75	1/4	1,496.74	1/4	1,134.72	1/4	772.71	1/4	415.94	1/4	72.61	1/4		1/4		1/4	
1/2	3,935.04	1/2	3,658.74	1/2	3,297.93	1/2	2,937.11	1/2	2,575.24	1/2	2,213.23	1/2	1,851.21	1/2	1,489.20	1/2	1,127.18	1/2	765.16	1/2	408.36	1/2	66.62	1/2		1/2		1/2	
3/4	3,933.17	3/4	3,651.23	3/4	3,290.41	3/4	2,929.59	3/4	2,567.70	3/4	2,205.69	3/4	1,843.67	3/4	1,481.65	3/4	1,119.64	3/4	757.62	3/4	400.78	3/4	60.63	3/4		3/4		3/4	
3	3,931.30	3	3,643.71	3	3,282.89	3	2,922.08	3	2,560.16	3	2,198.14	3	1,836.13	3	1,474.11	3	1,112.10	3	750.08	3	393.20	3	54.65	3		3		3	
1/4	3,928.67	1/4	3,636.19	1/4	3,275.38	1/4	2,914.56	1/4	2,552.62	1/4	2,190.60	1/4	1,828.59	1/4	1,466.57	1/4	1,104.55	1/4	742.54	1/4	385.62	1/4	48.89	1/4		1/4		1/4	
1/2	3,926.04	1/2	3,628.67	1/2	3,267.86	1/2	2,907.04	1/2	2,545.08	1/2	2,183.06	1/2	1,821.04	1/2	1,459.03	1/2	1,097.01	1/2	735.00	1/2	378.04	1/2	43.13	1/2		1/2		1/2	
3/4	3,923.42	3/4	3,621.16	3/4	3,260.34	3/4	2,899.53	3/4	2,537.53	3/4	2,175.52	3/4	1,813.50	3/4	1,451.49	3/4	1,089.47	3/4	727.45	3/4	370.46	3/4	37.37	3/4		3/4		3/4	
4	3,920.79	4	3,613.64	4	3,252.82	4	2,892.01	4	2,529.99	4	2,167.98	4	1,805.96	4	1,443.94	4	1,081.93	4	719.91	4	362.88	4	31.62	4		4		4	
1/4	3,917.40	1/4	3,606.12	1/4	3,245.31	1/4	2,884.47	1/4	2,522.45	1/4	2,160.43	1/4	1,798.42	1/4	1,436.40	1/4	1,074.39	1/4	712.37	1/4	355.31	1/4	27.35	1/4		1/4		1/4	
1/2	3,914.02	1/2	3,598.61	1/2	3,237.79	1/2	2,876.92	1/2	2,514.91	1/2	2,152.89	1/2	1,790.88	1/2	1,428.86	1/2	1,066.84	1/2	704.83	1/2	347.73	1/2	23.09	1/2		1/2		1/2	
3/4	3,910.63	3/4	3,591.09	3/4	3,230.27	3/4	2,869.38	3/4	2,507.37	3/4	2,145.35	3/4	1,783.33	3/4	1,421.32	3/4	1,059.30	3/4	697.29	3/4	340.15	3/4	18.83	3/4		3/4		3/4	
5	3,907.24	5	3,583.57	5	3,222.76	5	2,861.84	5	2,499.82	5	2,137.81	5	1,775.79	5	1,413.78	5	1,051.76	5	689.74	5	332.57	5	* 14.57	5		5		5	
1/4	3,903.10	1/4	3,576.06	1/4	3,215.24	1/4	2,854.30	1/4	2,492.28	1/4	2,130.27	1/4	1,768.25	1/4	1,406.23	1/4	1,044.22	1/4	682.20	1/4	325.09	1/4		1/4		1/4		1/4	
1/2	3,898.96	1/2	3,568.54	1/2	3,207.72	1/2	2,846.76	1/2	2,484.74	1/2	2,122.72	1/2	1,760.71	1/2	1,398.69	1/2	1,036.68	1/2	674.66	1/2	317.61	1/2		1/2		1/2		1/2	
3/4	3,894.81	3/4	3,561.02	3/4	3,200.21	3/4	2,839.21	3/4	2,477.20	3/4	2,115.18	3/4	1,753.17	3/4	1,391.15	3/4	1,029.13	3/4	667.12	3/4	310.13	3/4		3/4		3/4		3/4	
6	3,890.67	6	3,553.50	6	3,192.69	6	2,831.67	6	2,469.66	6	2,107.64	6	1,745.62	6	1,383.61	6	1,021.59	6	659.58	6	302.64	6		6		6		6	
1/4	3,885.77	1/4	3,545.99	1/4	3,185.17	1/4	2,824.13	1/4	2,462.11	1/4	2,100.10	1/4	1,738.08	1/4	1,376.07	1/4	1,014.05	1/4	652.03	1/4	295.16	1/4		1/4		1/4		1/4	
1/2	3,880.86	1/2	3,538.47	1/2	3,177.65	1/2	2,816.59	1/2	2,454.57	1/2	2,092.56	1/2	1,730.54	1/2	1,368.52	1/2	1,006.51	1/2	644.49	1/2	287.68	1/2		1/2		1/2		1/2	
3/4	3,875.96	3/4	3,530.95	3/4	3,170.14	3/4	2,809.05	3/4	2,447.03	3/4	2,085.01	3/4	1,723.00	3/4	1,360.98	3/4	998.97	3/4	636.95	3/4	280.20	3/4		3/4		3/4		3/4	
7	3,871.06	7	3,523.44	7	3,162.62	7	2,801.50	7	2,439.49	7	2,077.47	7	1,715.46	7	1,353.44	7	991.42	7	629.41	7	272.72	7		7		7		7	
1/4	3,865.40	1/4	3,515.92	1/4	3,155.10	1/4	2,793.96	1/4	2,431.95	1/4	2,069.93	1/4	1,707.91	1/4	1,345.90	1/4	983.88	1/4	621.87	1/4	265.43	1/4		1/4		1/4		1/4	
1/2	3,859.74	1/2	3,508.40	1/2	3,147.59	1/2	2,786.42	1/2	2,424.40	1/2	2,062.39	1/2	1,700.37	1/2	1,338.36	1/2	976.34	1/2	614.32	1/2	258.15	1/2		1/2		1/2		1/2	
3/4	3,854.08	3/4	3,500.89	3/4	3,140.07	3/4	2,778.88	3/4	2,416.86	3/4	2,054.85	3/4	1,692.83	3/4	1,330.81	3/4	968.80	3/4	606.78	3/4	250.86	3/4		3/4		3/4		3/4	
8	3,848.42	8	3,493.37	8	3,132.55	8	2,771.34	8	2,409.32	8	2,047.30	8	1,685.29	8	1,323.27	8	961.26	8	599.24	8	243.58	8		8		8		8	
1/4	3,842.00	1/4	3,485.85	1/4	3,125.04	1/4	2,763.79	1/4	2,401.78	1/4	2,039.76	1/4	1,677.75	1/4	1,315.73	1/4	953.71	1/4	591.70	1/4	236.29	1/4		1/4		1/4		1/4	
1/2	3,835.58	1/2	3,478.33	1/2	3,117.52	1/2	2,756.25	1/2	2,394.24	1/2	2,032.22	1/2	1,670.20	1/2	1,308.19	1/2	946.17	1/2	584.16	1/2	229.00	1/2		1/2		1/2		1/2	
3/4	3,829.17	3/4	3,470.82	3/4	3,110.00	3/4	2,748.71	3/4	2,386.69	3/4	2,024.68	3/4	1,662.66	3/4	1,300.65	3/4	938.63	3/4	576.61	3/4	221.72	3/4		3/4		3/4		3/4	
9	3,822.75	9	3,463.30	9	3,102.48	9	2,741.17	9	2,379.15	9	2,017.14	9	1,655.12	9	1,293.10	9	931.09	9	569.07	9	214.43	9		9		9		9	
1/4	3,815.57	1/4	3,455.78	1/4	3,094.97	1/4	2,733.63	1/4	2,371.61	1/4	2,009.59	1/4	1,647.58	1/4	1,285.56	1/4	923.55	1/4	561.53	1/4	207.34	1/4		1/4		1/4		1/4	
1/2	3,808.40	1/2	3,448.27	1/2	3,087.45	1/2	2,726.08	1/2	2,364.07	1/2	2,002.05	1/2	1,640.04	1/2	1,278.02	1/2	916.00	1/2	553.99	1/2	200.25	1/2		1/2		1/2		1/2	
3/4	3,801.22	3/4	3,440.75	3/4	3,079.93	3/4	2,718.54	3/4	2,356.53	3/4	1,994.51	3/4	1,632.49	3/4	1,270.48	3/4	908.46	3/4	546.45	3/4	193.16	3/4		3/4		3/4		3/4	
10	3,794.05	10	3,433.23	10	3,072.42	10	2,711.00	10	2,348.98	10	1,986.97	10	1,624.95	10	1,262.94	10	900.92	10	538.90	10	186.07	10		10		10		10	
1/4	3,786.53	1/4	3,425.72	1/4	3,064.90	1/4	2,703.46	1/4	2,341.44	1/4	1,979.43	1/4	1,617.41	1/4	1,255.39	1/4	893.38	1/4	531.36	1/4	178.98	1/4		1/4		1/4		1/4	
1/2	3,779.01	1/2	3,418.20	1/2	3,057.38	1/2	2,695.92	1/2	2,333.90	1/2	1,971.88	1/2	1,609.87	1/2	1,247.85	1/2	885.84	1/2	523.82	1/2	171.89	1/2		1/2		1/2		1/2	
3/4	3,771.50	3/4	3,410.68	3/4	3,049.87	3/4	2,688.37	3/4	2,326.36	3/4	1,964.34	3/4	1,602.33	3/4	1,240.31	3/4	878.29	3/4	516.28	3/4	164.80	3/4		3/4		3/4		3/4	
11	3,763.98	11	3,403.16	11	3,042.35	11	2,680.83	11	2,318.82	11	1,956.80	11	1,594.78	11	1,232.77	11	870.75	11	508.74	11	157.70	11		11		11		11	
1/4	3,756.46	1/4	3,395.65	1/4	3,034.83	1/4	2,673.29	1/4	2,311.27	1/4	1,949.26	1/4	1,587.24	1/4	1,225.23	1/4	863.21	1/4	501.87	1/4	150.81	1/4		1/4		1/4		1/4	
1/2	3,748.95	1/2	3,388.13	1/2	3,027.31	1/2	2,665.75	1/2	2,303.73	1/2	1,941.72	1/2	1,579.70	1/2	1,217.68	1/2	855.67	1/2	495.01	1/2	143.91	1/2		1/2		1/2		1/2	
3/4	3,741.43	3/4	3,380.61	3/4	3,019.80	3/4	2,658.21	3/4	2,296.19	3/4	1,934.17	3/4	1,572.16	3/4	1,210.14	3/4	848.13	3/4	488.15	3/4	137.02	3/4		3/4		3/4		3/4	

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 9/14/06

* CAPACITY BELOW STRIKE POINT.

REFERENCE GAUGE HEIGHT : 11'-5" (RIM OF HATCH LOCATED NEAR CENTER OF TANK)

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 AMERICA CORPORATION

FORM 1/4L15W REV #2 7/98

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "MPC-727"
MARATHON PETROLEUM COMPANY

OUTAGE TABLE

TANK NO.
2 PORT

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

HULL NO. 2154-1

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.
0	4,233.30	0	4,008.84	0	3,623.16	0	3,237.48	0	2,851.58	0	2,465.56	0	2,079.55	0	1,693.53	0	1,307.52	0	921.50	0	538.61	0	154.84	0		0		0	
1/4	4,232.92	1/4	4,000.81	1/4	3,615.13	1/4	3,229.45	1/4	2,843.54	1/4	2,457.52	1/4	2,071.51	1/4	1,685.49	1/4	1,299.47	1/4	913.46	1/4	531.35	1/4	146.77	1/4		1/4		1/4	
1/2	4,232.54	1/2	3,992.77	1/2	3,607.09	1/2	3,221.41	1/2	2,835.50	1/2	2,449.48	1/2	2,063.46	1/2	1,677.45	1/2	1,291.43	1/2	905.42	1/2	524.09	1/2	138.71	1/2		1/2		1/2	
3/4	4,232.17	3/4	3,984.74	3/4	3,599.06	3/4	3,213.38	3/4	2,827.45	3/4	2,441.44	3/4	2,055.42	3/4	1,669.41	3/4	1,283.39	3/4	897.37	3/4	516.83	3/4	130.65	3/4		3/4		3/4	
1	4,231.79	1	3,976.70	1	3,591.02	1	3,205.34	1	2,819.41	1	2,433.40	1	2,047.38	1	1,661.36	1	1,275.35	1	889.33	1	509.56	1	122.59	1		1		1	
1/4	4,230.61	1/4	3,968.67	1/4	3,582.99	1/4	3,197.31	1/4	2,811.37	1/4	2,425.35	1/4	2,039.34	1/4	1,653.32	1/4	1,267.31	1/4	881.29	1/4	501.50	1/4	115.33	1/4		1/4		1/4	
1/2	4,229.43	1/2	3,960.63	1/2	3,574.95	1/2	3,189.27	1/2	2,803.33	1/2	2,417.31	1/2	2,031.30	1/2	1,645.28	1/2	1,259.26	1/2	873.25	1/2	493.44	1/2	108.07	1/2		1/2		1/2	
3/4	4,228.25	3/4	3,952.60	3/4	3,566.92	3/4	3,181.24	3/4	2,795.29	3/4	2,409.27	3/4	2,023.25	3/4	1,637.24	3/4	1,251.22	3/4	865.21	3/4	485.38	3/4	100.81	3/4		3/4		3/4	
2	4,227.06	2	3,944.56	2	3,558.88	2	3,173.20	2	2,787.24	2	2,401.23	2	2,015.21	2	1,629.20	2	1,243.18	2	857.16	2	477.32	2	93.54	2		2		2	
1/4	4,225.08	1/4	3,936.53	1/4	3,550.85	1/4	3,165.17	1/4	2,779.20	1/4	2,393.19	1/4	2,007.17	1/4	1,621.15	1/4	1,235.14	1/4	849.12	1/4	469.25	1/4	86.28	1/4		1/4		1/4	
1/2	4,223.09	1/2	3,928.49	1/2	3,542.81	1/2	3,157.13	1/2	2,771.16	1/2	2,385.14	1/2	1,999.13	1/2	1,613.11	1/2	1,227.10	1/2	841.08	1/2	461.19	1/2	79.02	1/2		1/2		1/2	
3/4	4,221.10	3/4	3,920.46	3/4	3,534.78	3/4	3,149.10	3/4	2,763.12	3/4	2,377.10	3/4	1,991.09	3/4	1,605.07	3/4	1,219.05	3/4	833.04	3/4	453.13	3/4	71.76	3/4		3/4		3/4	
3	4,219.11	3	3,912.42	3	3,526.74	3	3,141.06	3	2,755.08	3	2,369.06	3	1,983.04	3	1,597.03	3	1,211.01	3	825.00	3	445.07	3	64.50	3		3		3	
1/4	4,216.31	1/4	3,904.39	1/4	3,518.71	1/4	3,133.03	1/4	2,747.03	1/4	2,361.02	1/4	1,975.00	1/4	1,588.99	1/4	1,202.97	1/4	816.95	1/4	437.01	1/4	57.45	1/4		1/4		1/4	
1/2	4,213.52	1/2	3,896.35	1/2	3,510.67	1/2	3,124.99	1/2	2,738.99	1/2	2,352.98	1/2	1,966.96	1/2	1,580.94	1/2	1,194.93	1/2	808.91	1/2	428.94	1/2	50.39	1/2		1/2		1/2	
3/4	4,210.73	3/4	3,888.32	3/4	3,502.64	3/4	3,116.96	3/4	2,730.95	3/4	2,344.93	3/4	1,958.92	3/4	1,572.90	3/4	1,186.89	3/4	800.87	3/4	420.88	3/4	43.34	3/4		3/4		3/4	
4	4,207.93	4	3,880.28	4	3,494.60	4	3,108.92	4	2,722.91	4	2,336.89	4	1,950.88	4	1,564.86	4	1,178.84	4	792.83	4	412.82	4	36.28	4		4		4	
1/4	4,204.33	1/4	3,872.25	1/4	3,486.57	1/4	3,100.88	1/4	2,714.87	1/4	2,328.85	1/4	1,942.83	1/4	1,556.82	1/4	1,170.80	1/4	784.79	1/4	404.76	1/4	31.24	1/4		1/4		1/4	
1/2	4,200.73	1/2	3,864.21	1/2	3,478.53	1/2	3,092.84	1/2	2,706.82	1/2	2,320.81	1/2	1,934.79	1/2	1,548.78	1/2	1,162.76	1/2	776.74	1/2	396.70	1/2	26.20	1/2		1/2		1/2	
3/4	4,197.13	3/4	3,856.18	3/4	3,470.50	3/4	3,084.80	3/4	2,698.78	3/4	2,312.77	3/4	1,926.75	3/4	1,540.73	3/4	1,154.72	3/4	768.70	3/4	388.63	3/4	* 21.17	3/4		3/4		3/4	
5	4,193.52	5	3,848.14	5	3,462.46	5	3,076.76	5	2,690.74	5	2,304.72	5	1,918.71	5	1,532.69	5	1,146.68	5	760.66	5	380.57	5		5		5		5	
1/4	4,189.12	1/4	3,840.11	1/4	3,454.43	1/4	3,068.71	1/4	2,682.70	1/4	2,296.68	1/4	1,910.67	1/4	1,524.65	1/4	1,138.63	1/4	752.62	1/4	372.51	1/4		1/4		1/4		1/4	
1/2	4,184.71	1/2	3,832.07	1/2	3,446.39	1/2	3,060.67	1/2	2,674.66	1/2	2,288.64	1/2	1,902.62	1/2	1,516.61	1/2	1,130.59	1/2	744.58	1/2	364.45	1/2		1/2		1/2		1/2	
3/4	4,180.30	3/4	3,824.04	3/4	3,438.36	3/4	3,052.63	3/4	2,666.61	3/4	2,280.60	3/4	1,894.58	3/4	1,508.57	3/4	1,122.55	3/4	736.53	3/4	356.39	3/4		3/4		3/4		3/4	
6	4,175.89	6	3,816.00	6	3,430.32	6	3,044.59	6	2,658.57	6	2,272.56	6	1,886.54	6	1,500.52	6	1,114.51	6	728.49	6	348.32	6		6		6		6	
1/4	4,170.68	1/4	3,807.97	1/4	3,422.29	1/4	3,036.55	1/4	2,650.53	1/4	2,264.51	1/4	1,878.50	1/4	1,492.48	1/4	1,106.47	1/4	720.45	1/4	340.26	1/4		1/4		1/4		1/4	
1/2	4,165.47	1/2	3,799.93	1/2	3,414.25	1/2	3,028.50	1/2	2,642.49	1/2	2,256.47	1/2	1,870.46	1/2	1,484.44	1/2	1,098.42	1/2	712.41	1/2	332.20	1/2		1/2		1/2		1/2	
3/4	4,160.25	3/4	3,791.90	3/4	3,406.22	3/4	3,020.46	3/4	2,634.45	3/4	2,248.43	3/4	1,862.41	3/4	1,476.40	3/4	1,090.38	3/4	704.37	3/4	324.14	3/4		3/4		3/4		3/4	
7	4,155.04	7	3,783.86	7	3,398.18	7	3,012.42	7	2,626.40	7	2,240.39	7	1,854.37	7	1,468.36	7	1,082.34	7	696.32	7	316.08	7		7		7		7	
1/4	4,149.02	1/4	3,775.83	1/4	3,390.15	1/4	3,004.38	1/4	2,618.36	1/4	2,232.35	1/4	1,846.33	1/4	1,460.31	1/4	1,074.30	1/4	688.28	1/4	308.01	1/4		1/4		1/4		1/4	
1/2	4,143.00	1/2	3,767.79	1/2	3,382.11	1/2	2,996.34	1/2	2,610.32	1/2	2,224.30	1/2	1,838.29	1/2	1,452.27	1/2	1,066.26	1/2	680.24	1/2	299.95	1/2		1/2		1/2		1/2	
3/4	4,136.98	3/4	3,759.76	3/4	3,374.08	3/4	2,988.29	3/4	2,602.28	3/4	2,216.26	3/4	1,830.25	3/4	1,444.23	3/4	1,058.21	3/4	672.20	3/4	291.89	3/4		3/4		3/4		3/4	
8	4,130.96	8	3,751.72	8	3,366.04	8	2,980.25	8	2,594.24	8	2,208.22	8	1,822.20	8	1,436.19	8	1,050.17	8	664.16	8	283.83	8		8		8		8	
1/4	4,124.13	1/4	3,743.69	1/4	3,358.01	1/4	2,972.21	1/4	2,586.19	1/4	2,200.18	1/4	1,814.16	1/4	1,428.15	1/4	1,042.13	1/4	656.11	1/4	275.77	1/4		1/4		1/4		1/4	
1/2	4,117.31	1/2	3,735.65	1/2	3,349.97	1/2	2,964.17	1/2	2,578.15	1/2	2,192.14	1/2	1,806.12	1/2	1,420.10	1/2	1,034.09	1/2	648.07	1/2	267.70	1/2		1/2		1/2		1/2	
3/4	4,110.48	3/4	3,727.62	3/4	3,341.94	3/4	2,956.13	3/4	2,570.11	3/4	2,184.09	3/4	1,798.08	3/4	1,412.06	3/4	1,026.05	3/4	640.03	3/4	259.64	3/4		3/4		3/4		3/4	
9	4,103.66	9	3,719.58	9	3,333.90	9	2,948.08	9	2,562.07	9	2,176.05	9	1,790.04	9	1,404.02	9	1,018.00	9	631.99	9	251.58	9		9		9		9	
1/4	4,096.02	1/4	3,711.55	1/4	3,325.87	1/4	2,940.04	1/4	2,554.03	1/4	2,168.01	1/4	1,781.99	1/4	1,395.98	1/4	1,009.96	1/4	623.95	1/4	243.52	1/4		1/4		1/4		1/4	
1/2	4,088.39	1/2	3,703.51	1/2	3,317.83	1/2	2,932.00	1/2	2,545.98	1/2	2,159.97	1/2	1,773.95	1/2	1,387.94	1/2	1,001.92	1/2	615.90	1/2	235.46	1/2		1/2		1/2		1/2	
3/4	4,080.76	3/4	3,695.48	3/4	3,309.80	3/4	2,923.96	3/4	2,537.94	3/4	2,151.93	3/4	1,765.91	3/4	1,379.89	3/4	993.88	3/4	607.86	3/4	227.39	3/4		3/4		3/4		3/4	
10	4,073.12	10	3,687.44	10	3,301.76	10	2,915.92	10	2,529.90	10	2,143.88	10	1,757.87	10	1,371.85	10	985.84	10	599.82	10	219.33	10		10		10		10	
1/4	4,065.09	1/4	3,679.41	1/4	3,293.73	1/4	2,907.87	1/4	2,521.86	1/4	2,135.84	1/4	1,749.83	1/4	1,363.81	1/4	977.79	1/4	591.78	1/4	211.27	1/4		1/4		1/4		1/4	
1/2	4,057.05	1/2	3,671.37	1/2	3,285.69	1/2	2,899.83	1/2	2,513.82	1/2	2,127.80	1/2	1,741.78	1/2	1,355.77	1/2	969.75	1/2	583.74	1/2	203.21	1/2		1/2		1/2		1/2	
3/4	4,049.02	3/4	3,663.34	3/4	3,277.66	3/4	2,891.79	3/4	2,505.77	3/4	2,119.76	3/4	1,733.74	3/4	1,347.73	3/4	961.71	3/4	575.69	3/4	195.15	3/4		3/4		3/4		3/4	
11	4,040.98	11	3,655.30	11	3,269.62	11	2,883.75	11	2,497.73	11	2,111.72	11	1,725.70	11	1,339.68	11	953.67	11	567.65	11	187.08	11		11		11		11	
1/4	4,032.95	1/4	3,647.27	1/4	3,261.59	1/4	2,875.71	1/4	2,489.69	1/4	2,103.67	1/4	1,717.66	1/4	1,331.64	1/4	945.63	1/4	560.39	1/4	179.02	1/4		1/4		1/4		1/4	
1/2	4,024.91	1/2	3,639.23	1/2	3,253.55	1/2	2,867.66	1/2	2,481.65	1/2	2,095.63	1/2	1,709.62	1/2	1,323.60	1/2	937.58	1/2	553.13	1/2	170.96	1/2		1/2		1/2		1/2	
3/4	4,016.88	3/4	3,631.20	3/4	3,245.52	3/4	2,859.62	3/4	2,473.61	3/4	2,087.59	3/4	1,701.57	3/4	1,315.56	3/4	929.54	3/4	545.87	3/4	162.90	3/4		3/4		3/4		3/4	

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 9/14/06

* CAPACITY BELOW STRIKE POINT.

REFERENCE GAUGE HEIGHT : 11'-4 3/4" (RIM OF HATCH LOCATED NEAR CENTER OF TANK)

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 AMERICA CORPORATION

FORM 1/4L15W REV #2 7/98

INSPECTORATE

ISO 9002 ACCREDITED

BARGE "MPC-727"
MARATHON PETROLEUM COMPANY

OUTAGE TABLE

TANK NO.
2 STAR

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

HULL NO. 2154-1

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.
0		0	4,016.88	0	3,631.20	0	3,245.52	0	2,859.62	0	2,473.61	0	2,087.59	0	1,701.57	0	1,315.56	0	929.54	0	545.87	0	162.90	0		0		0	
1/4	4,233.30	1/4	4,008.84	1/4	3,623.16	1/4	3,237.48	1/4	2,851.58	1/4	2,465.56	1/4	2,079.55	1/4	1,693.53	1/4	1,307.52	1/4	921.50	1/4	538.61	1/4	154.84	1/4		1/4		1/4	
1/2	4,232.92	1/2	4,000.81	1/2	3,615.13	1/2	3,229.45	1/2	2,843.54	1/2	2,457.52	1/2	2,071.51	1/2	1,685.49	1/2	1,299.47	1/2	913.46	1/2	531.35	1/2	146.77	1/2		1/2		1/2	
3/4	4,232.54	3/4	3,992.77	3/4	3,607.09	3/4	3,221.41	3/4	2,835.50	3/4	2,449.48	3/4	2,063.46	3/4	1,677.45	3/4	1,291.43	3/4	905.42	3/4	524.09	3/4	138.71	3/4		3/4		3/4	
1	4,232.17	1	3,984.74	1	3,599.06	1	3,213.38	1	2,827.45	1	2,441.44	1	2,055.42	1	1,669.41	1	1,283.39	1	897.37	1	516.83	1	130.65	1		1		1	
1/4	4,231.79	1/4	3,976.70	1/4	3,591.02	1/4	3,205.34	1/4	2,819.41	1/4	2,433.40	1/4	2,047.38	1/4	1,661.36	1/4	1,275.35	1/4	889.33	1/4	509.56	1/4	122.59	1/4		1/4		1/4	
1/2	4,230.61	1/2	3,968.67	1/2	3,582.99	1/2	3,197.31	1/2	2,811.37	1/2	2,425.35	1/2	2,039.34	1/2	1,653.32	1/2	1,267.31	1/2	881.29	1/2	501.50	1/2	115.33	1/2		1/2		1/2	
3/4	4,229.43	3/4	3,960.63	3/4	3,574.95	3/4	3,189.27	3/4	2,803.33	3/4	2,417.31	3/4	2,031.30	3/4	1,645.28	3/4	1,259.26	3/4	873.25	3/4	493.44	3/4	108.07	3/4		3/4		3/4	
2	4,228.25	2	3,952.60	2	3,566.92	2	3,181.24	2	2,795.29	2	2,409.27	2	2,023.25	2	1,637.24	2	1,251.22	2	865.21	2	485.38	2	100.81	2		2		2	
1/4	4,227.06	1/4	3,944.56	1/4	3,558.88	1/4	3,173.20	1/4	2,787.24	1/4	2,401.23	1/4	2,015.21	1/4	1,629.20	1/4	1,243.18	1/4	857.16	1/4	477.32	1/4	93.54	1/4		1/4		1/4	
1/2	4,225.08	1/2	3,936.53	1/2	3,550.85	1/2	3,165.17	1/2	2,779.20	1/2	2,393.19	1/2	2,007.17	1/2	1,621.15	1/2	1,235.14	1/2	849.12	1/2	469.25	1/2	86.28	1/2		1/2		1/2	
3/4	4,223.09	3/4	3,928.49	3/4	3,542.81	3/4	3,157.13	3/4	2,771.16	3/4	2,385.14	3/4	1,999.13	3/4	1,613.11	3/4	1,227.10	3/4	841.08	3/4	461.19	3/4	79.02	3/4		3/4		3/4	
3	4,221.10	3	3,920.46	3	3,534.78	3	3,149.10	3	2,763.12	3	2,377.10	3	1,991.09	3	1,605.07	3	1,219.05	3	833.04	3	453.13	3	71.76	3		3		3	
1/4	4,219.11	1/4	3,912.42	1/4	3,526.74	1/4	3,141.06	1/4	2,755.08	1/4	2,369.06	1/4	1,983.04	1/4	1,597.03	1/4	1,211.01	1/4	825.00	1/4	445.07	1/4	64.50	1/4		1/4		1/4	
1/2	4,216.31	1/2	3,904.39	1/2	3,518.71	1/2	3,133.03	1/2	2,747.03	1/2	2,361.02	1/2	1,975.00	1/2	1,588.99	1/2	1,202.97	1/2	816.95	1/2	437.01	1/2	57.45	1/2		1/2		1/2	
3/4	4,213.52	3/4	3,896.35	3/4	3,510.67	3/4	3,124.99	3/4	2,738.99	3/4	2,352.98	3/4	1,966.96	3/4	1,580.94	3/4	1,194.93	3/4	808.91	3/4	428.94	3/4	50.39	3/4		3/4		3/4	
4	4,210.73	4	3,888.32	4	3,502.64	4	3,116.96	4	2,730.95	4	2,344.93	4	1,958.92	4	1,572.90	4	1,186.89	4	800.87	4	420.88	4	43.34	4		4		4	
1/4	4,207.93	1/4	3,880.28	1/4	3,494.60	1/4	3,108.92	1/4	2,722.91	1/4	2,336.89	1/4	1,950.88	1/4	1,564.86	1/4	1,178.84	1/4	792.83	1/4	412.82	1/4	36.28	1/4		1/4		1/4	
1/2	4,204.33	1/2	3,872.25	1/2	3,486.57	1/2	3,100.88	1/2	2,714.87	1/2	2,328.85	1/2	1,942.83	1/2	1,556.82	1/2	1,170.80	1/2	784.79	1/2	404.76	1/2	31.24	1/2		1/2		1/2	
3/4	4,200.73	3/4	3,864.21	3/4	3,478.53	3/4	3,092.84	3/4	2,706.82	3/4	2,320.81	3/4	1,934.79	3/4	1,548.78	3/4	1,162.76	3/4	776.74	3/4	396.70	3/4	26.20	3/4		3/4		3/4	
5	4,197.13	5	3,856.18	5	3,470.50	5	3,084.80	5	2,698.78	5	2,312.77	5	1,926.75	5	1,540.73	5	1,154.72	5	768.70	5	388.63	5	* 21.17	5		5		5	
1/4	4,193.52	1/4	3,848.14	1/4	3,462.46	1/4	3,076.76	1/4	2,690.74	1/4	2,304.72	1/4	1,918.71	1/4	1,532.69	1/4	1,146.68	1/4	760.66	1/4	380.57	1/4		1/4		1/4		1/4	
1/2	4,189.12	1/2	3,840.11	1/2	3,454.43	1/2	3,068.71	1/2	2,682.70	1/2	2,296.68	1/2	1,910.67	1/2	1,524.65	1/2	1,138.63	1/2	752.62	1/2	372.51	1/2		1/2		1/2		1/2	
3/4	4,184.71	3/4	3,832.07	3/4	3,446.39	3/4	3,060.67	3/4	2,674.66	3/4	2,288.64	3/4	1,902.62	3/4	1,516.61	3/4	1,130.59	3/4	744.58	3/4	364.45	3/4		3/4		3/4		3/4	
6	4,180.30	6	3,824.04	6	3,438.36	6	3,052.63	6	2,666.61	6	2,280.60	6	1,894.58	6	1,508.57	6	1,122.55	6	736.53	6	356.39	6		6		6		6	
1/4	4,175.89	1/4	3,816.00	1/4	3,430.32	1/4	3,044.59	1/4	2,658.57	1/4	2,272.56	1/4	1,886.54	1/4	1,500.52	1/4	1,114.51	1/4	728.49	1/4	348.32	1/4		1/4		1/4		1/4	
1/2	4,170.68	1/2	3,807.97	1/2	3,422.29	1/2	3,036.55	1/2	2,650.53	1/2	2,264.51	1/2	1,878.50	1/2	1,492.48	1/2	1,106.47	1/2	720.45	1/2	340.26	1/2		1/2		1/2		1/2	
3/4	4,165.47	3/4	3,799.93	3/4	3,414.25	3/4	3,028.50	3/4	2,642.49	3/4	2,256.47	3/4	1,870.46	3/4	1,484.44	3/4	1,098.42	3/4	712.41	3/4	332.20	3/4		3/4		3/4		3/4	
7	4,160.25	7	3,791.90	7	3,406.22	7	3,020.46	7	2,634.45	7	2,248.43	7	1,862.41	7	1,476.40	7	1,090.38	7	704.37	7	324.14	7		7		7		7	
1/4	4,155.04	1/4	3,783.86	1/4	3,398.18	1/4	3,012.42	1/4	2,626.40	1/4	2,240.39	1/4	1,854.37	1/4	1,468.36	1/4	1,082.34	1/4	696.32	1/4	316.08	1/4		1/4		1/4		1/4	
1/2	4,149.02	1/2	3,775.83	1/2	3,390.15	1/2	3,004.38	1/2	2,618.36	1/2	2,232.35	1/2	1,846.33	1/2	1,460.31	1/2	1,074.30	1/2	688.28	1/2	308.01	1/2		1/2		1/2		1/2	
3/4	4,143.00	3/4	3,767.79	3/4	3,382.11	3/4	2,996.34	3/4	2,610.32	3/4	2,224.30	3/4	1,838.29	3/4	1,452.27	3/4	1,066.26	3/4	680.24	3/4	299.95	3/4		3/4		3/4		3/4	
8	4,136.98	8	3,759.76	8	3,374.08	8	2,988.29	8	2,602.28	8	2,216.26	8	1,830.25	8	1,444.23	8	1,058.21	8	672.20	8	291.89	8		8		8		8	
1/4	4,130.96	1/4	3,751.72	1/4	3,366.04	1/4	2,980.25	1/4	2,594.24	1/4	2,208.22	1/4	1,822.20	1/4	1,436.19	1/4	1,050.17	1/4	664.16	1/4	283.83	1/4		1/4		1/4		1/4	
1/2	4,124.13	1/2	3,743.69	1/2	3,358.01	1/2	2,972.21	1/2	2,586.19	1/2	2,200.18	1/2	1,814.16	1/2	1,428.15	1/2	1,042.13	1/2	656.11	1/2	275.77	1/2		1/2		1/2		1/2	
3/4	4,117.31	3/4	3,735.65	3/4	3,349.97	3/4	2,964.17	3/4	2,578.15	3/4	2,192.14	3/4	1,806.12	3/4	1,420.10	3/4	1,034.09	3/4	648.07	3/4	267.70	3/4		3/4		3/4		3/4	
9	4,110.48	9	3,727.62	9	3,341.94	9	2,956.13	9	2,570.11	9	2,184.09	9	1,798.08	9	1,412.06	9	1,026.05	9	640.03	9	259.64	9		9		9		9	
1/4	4,103.66	1/4	3,719.58	1/4	3,333.90	1/4	2,948.08	1/4	2,562.07	1/4	2,176.05	1/4	1,790.04	1/4	1,404.02	1/4	1,018.00	1/4	631.99	1/4	251.58	1/4		1/4		1/4		1/4	
1/2	4,096.02	1/2	3,711.55	1/2	3,325.87	1/2	2,940.04	1/2	2,554.03	1/2	2,168.01	1/2	1,781.99	1/2	1,395.98	1/2	1,009.96	1/2	623.95	1/2	243.52	1/2		1/2		1/2		1/2	
3/4	4,088.39	3/4	3,703.51	3/4	3,317.83	3/4	2,932.00	3/4	2,545.98	3/4	2,159.97	3/4	1,773.95	3/4	1,387.94	3/4	1,001.92	3/4	615.90	3/4	235.46	3/4		3/4		3/4		3/4	
10	4,080.76	10	3,695.48	10	3,309.80	10	2,923.96	10	2,537.94	10	2,151.93	10	1,765.91	10	1,379.89	10	993.88	10	607.86	10	227.39	10		10		10		10	
1/4	4,073.12	1/4	3,687.44	1/4	3,301.76	1/4	2,915.92	1/4	2,529.90	1/4	2,143.88	1/4	1,757.87	1/4	1,371.85	1/4	985.84	1/4	599.82	1/4	219.33	1/4		1/4		1/4		1/4	
1/2	4,065.09	1/2	3,679.41	1/2	3,293.73	1/2	2,907.87	1/2	2,521.86	1/2	2,135.84	1/2	1,749.83	1/2	1,363.81	1/2	977.79	1/2	591.78	1/2	211.27	1/2		1/2		1/2		1/2	
3/4	4,057.05	3/4	3,671.37	3/4	3,285.69	3/4	2,899.83	3/4	2,513.82	3/4	2,127.80	3/4	1,741.78	3/4	1,355.77	3/4	969.75	3/4	583.74	3/4	203.21	3/4		3/4		3/4		3/4	
11	4,049.02	11	3,663.34	11	3,277.66	11	2,891.79	11	2,505.77	11	2,119.76	11	1,733.74	11	1,347.73	11	961.71	11	575.69	11	195.15	11		11		11		11	
1/4	4,040.98	1/4	3,655.30	1/4	3,269.62	1/4	2,883.75	1/4	2,497.73	1/4	2,111.72	1/4	1,725.70	1/4	1,339.68	1/4	953.67	1/4	567.65	1/4	187.08	1/4		1/4		1/4		1/4	
1/2	4,032.95	1/2	3,647.27	1/2	3,261.59	1/2	2,875.71	1/2	2,489.69	1/2	2,103.67	1/2	1,717.66	1/2	1,331.64	1/2	945.63	1/2	560.39	1/2	179.02	1/2		1/2		1/2		1/2	
3/4	4,024.91	3/4	3,639.23	3/4	3,253.55	3/4	2,867.66	3/4	2,481.65	3/4	2,095.63	3/4	1,709.62	3/4	1,323.60	3/4	937.58	3/4	553.13	3/4	170.96	3/4		3/4		3/4		3/4	

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 9/14/06

* CAPACITY BELOW STRIKE POINT.

REFERENCE GAUGE HEIGHT : 11'-5" (RIM OF HATCH LOCATED NEAR CENTER OF TANK)

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 AMERICA CORPORATION

FORM 1/4L15W REV #2 7/98

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "MPC-727"
MARATHON PETROLEUM COMPANY

OUTAGE TABLE

TANK NO.
3 PORT

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

HULL NO. 2154-1

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.
0		0	3,732.32	0	3,375.05	0	3,017.79	0	2,659.96	0	2,301.78	0	1,943.60	0	1,585.43	0	1,227.25	0	869.08	0	512.37	0	158.36	0		0		0	
1/4		1/4	3,724.88	1/4	3,367.61	1/4	3,010.35	1/4	2,652.49	1/4	2,294.32	1/4	1,936.14	1/4	1,577.97	1/4	1,219.79	1/4	861.61	1/4	505.65	1/4	150.89	1/4		1/4		1/4	
1/2	3,925.34	1/2	3,717.43	1/2	3,360.17	1/2	3,002.90	1/2	2,645.03	1/2	2,286.86	1/2	1,928.68	1/2	1,570.50	1/2	1,212.33	1/2	854.15	1/2	498.92	1/2	143.42	1/2		1/2		1/2	
3/4	3,924.99	3/4	3,709.99	3/4	3,352.72	3/4	2,995.46	3/4	2,637.57	3/4	2,279.39	3/4	1,921.22	3/4	1,563.04	3/4	1,204.87	3/4	846.69	3/4	492.19	3/4	135.96	3/4		3/4		3/4	
1	3,924.64	1	3,702.55	1	3,345.28	1	2,988.02	1	2,630.11	1	2,271.93	1	1,913.76	1	1,555.58	1	1,197.40	1	839.23	1	485.47	1	128.49	1		1		1	
1/4	3,924.29	1/4	3,695.10	1/4	3,337.84	1/4	2,980.57	1/4	2,622.65	1/4	2,264.47	1/4	1,906.29	1/4	1,548.12	1/4	1,189.94	1/4	831.77	1/4	478.74	1/4	121.02	1/4		1/4		1/4	
1/2	3,923.94	1/2	3,687.66	1/2	3,330.40	1/2	2,973.13	1/2	2,615.18	1/2	2,257.01	1/2	1,898.83	1/2	1,540.66	1/2	1,182.48	1/2	824.30	1/2	472.02	1/2	113.55	1/2		1/2		1/2	
3/4	3,922.85	3/4	3,680.22	3/4	3,322.95	3/4	2,965.69	3/4	2,607.72	3/4	2,249.55	3/4	1,891.37	3/4	1,533.19	3/4	1,175.02	3/4	816.84	3/4	464.55	3/4	106.83	3/4		3/4		3/4	
2	3,921.75	2	3,672.77	2	3,315.51	2	2,958.25	2	2,600.26	2	2,242.08	2	1,883.91	2	1,525.73	2	1,167.56	2	809.38	2	457.08	2	100.10	2		2		2	
1/4	3,920.66	1/4	3,665.33	1/4	3,308.07	1/4	2,950.80	1/4	2,592.80	1/4	2,234.62	1/4	1,876.45	1/4	1,518.27	1/4	1,160.09	1/4	801.92	1/4	449.61	1/4	93.37	1/4		1/4		1/4	
1/2	3,919.56	1/2	3,657.89	1/2	3,300.62	1/2	2,943.36	1/2	2,585.34	1/2	2,227.16	1/2	1,868.98	1/2	1,510.81	1/2	1,152.63	1/2	794.46	1/2	442.14	1/2	86.65	1/2		1/2		1/2	
3/4	3,917.72	3/4	3,650.45	3/4	3,293.18	3/4	2,935.92	3/4	2,577.87	3/4	2,219.70	3/4	1,861.52	3/4	1,503.35	3/4	1,145.17	3/4	786.99	3/4	434.68	3/4	79.92	3/4		3/4		3/4	
3	3,915.88	3	3,643.00	3	3,285.74	3	2,928.47	3	2,570.41	3	2,212.24	3	1,854.06	3	1,495.88	3	1,137.71	3	779.53	3	427.21	3	73.20	3		3		3	
1/4	3,914.04	1/4	3,635.56	1/4	3,278.29	1/4	2,921.03	1/4	2,562.95	1/4	2,204.77	1/4	1,846.60	1/4	1,488.42	1/4	1,130.25	1/4	772.07	1/4	419.74	1/4	66.47	1/4		1/4		1/4	
1/2	3,912.20	1/2	3,628.12	1/2	3,270.85	1/2	2,913.59	1/2	2,555.49	1/2	2,197.31	1/2	1,839.14	1/2	1,480.96	1/2	1,122.78	1/2	764.61	1/2	412.27	1/2	59.74	1/2		1/2		1/2	
3/4	3,909.61	3/4	3,620.67	3/4	3,263.41	3/4	2,906.14	3/4	2,548.03	3/4	2,189.85	3/4	1,831.67	3/4	1,473.50	3/4	1,115.32	3/4	757.15	3/4	404.80	3/4	53.21	3/4		3/4		3/4	
4	3,907.02	4	3,613.23	4	3,255.97	4	2,898.70	4	2,540.56	4	2,182.39	4	1,824.21	4	1,466.04	4	1,107.86	4	749.68	4	397.34	4	46.68	4		4		4	
1/4	3,904.43	1/4	3,605.79	1/4	3,248.52	1/4	2,891.26	1/4	2,533.10	1/4	2,174.93	1/4	1,816.75	1/4	1,458.57	1/4	1,100.40	1/4	742.22	1/4	389.87	1/4	40.14	1/4		1/4		1/4	
1/2	3,901.84	1/2	3,598.34	1/2	3,241.08	1/2	2,883.82	1/2	2,525.64	1/2	2,167.46	1/2	1,809.29	1/2	1,451.11	1/2	1,092.94	1/2	734.76	1/2	382.40	1/2	33.61	1/2		1/2		1/2	
3/4	3,898.51	3/4	3,590.90	3/4	3,233.64	3/4	2,876.35	3/4	2,518.18	3/4	2,160.00	3/4	1,801.83	3/4	1,443.65	3/4	1,085.47	3/4	727.30	3/4	374.93	3/4	28.94	3/4		3/4		3/4	
5	3,895.17	5	3,583.46	5	3,226.19	5	2,868.89	5	2,510.72	5	2,152.54	5	1,794.36	5	1,436.19	5	1,078.01	5	719.84	5	367.46	5	24.27	5		5		5	
1/4	3,891.83	1/4	3,576.01	1/4	3,218.75	1/4	2,861.43	1/4	2,503.25	1/4	2,145.08	1/4	1,786.90	1/4	1,428.73	1/4	1,070.55	1/4	712.37	1/4	360.00	1/4	19.61	1/4		1/4		1/4	
1/2	3,888.50	1/2	3,568.57	1/2	3,211.31	1/2	2,853.97	1/2	2,495.79	1/2	2,137.62	1/2	1,779.44	1/2	1,421.26	1/2	1,063.09	1/2	704.91	1/2	352.53	1/2	* 14.94	1/2		1/2		1/2	
3/4	3,884.41	3/4	3,561.13	3/4	3,203.86	3/4	2,846.51	3/4	2,488.33	3/4	2,130.15	3/4	1,771.98	3/4	1,413.80	3/4	1,055.63	3/4	697.45	3/4	345.06	3/4		3/4		3/4		3/4	
6	3,880.33	6	3,553.69	6	3,196.42	6	2,839.04	6	2,480.87	6	2,122.69	6	1,764.52	6	1,406.34	6	1,048.16	6	689.99	6	337.59	6		6		6		6	
1/4	3,876.25	1/4	3,546.24	1/4	3,188.98	1/4	2,831.58	1/4	2,473.41	1/4	2,115.23	1/4	1,757.05	1/4	1,398.88	1/4	1,040.70	1/4	682.53	1/4	330.12	1/4		1/4		1/4		1/4	
1/2	3,872.16	1/2	3,538.80	1/2	3,181.54	1/2	2,824.12	1/2	2,465.94	1/2	2,107.77	1/2	1,749.59	1/2	1,391.42	1/2	1,033.24	1/2	675.06	1/2	322.66	1/2		1/2		1/2		1/2	
3/4	3,867.34	3/4	3,531.36	3/4	3,174.09	3/4	2,816.66	3/4	2,458.48	3/4	2,100.31	3/4	1,742.13	3/4	1,383.95	3/4	1,025.78	3/4	667.60	3/4	315.19	3/4		3/4		3/4		3/4	
7	3,862.51	7	3,523.91	7	3,166.65	7	2,809.20	7	2,451.02	7	2,092.84	7	1,734.67	7	1,376.49	7	1,018.32	7	660.14	7	307.72	7		7		7		7	
1/4	3,857.68	1/4	3,516.47	1/4	3,159.21	1/4	2,801.73	1/4	2,443.56	1/4	2,085.38	1/4	1,727.21	1/4	1,369.03	1/4	1,010.85	1/4	652.68	1/4	300.25	1/4		1/4		1/4		1/4	
1/2	3,852.85	1/2	3,509.03	1/2	3,151.76	1/2	2,794.27	1/2	2,436.10	1/2	2,077.92	1/2	1,719.74	1/2	1,361.57	1/2	1,003.39	1/2	645.22	1/2	292.78	1/2		1/2		1/2		1/2	
3/4	3,847.27	3/4	3,501.58	3/4	3,144.32	3/4	2,786.81	3/4	2,428.63	3/4	2,070.46	3/4	1,712.28	3/4	1,354.11	3/4	995.93	3/4	637.75	3/4	285.32	3/4		3/4		3/4		3/4	
8	3,841.70	8	3,494.14	8	3,136.88	8	2,779.35	8	2,421.17	8	2,063.00	8	1,704.82	8	1,346.64	8	988.47	8	630.29	8	277.85	8		8		8		8	
1/4	3,836.12	1/4	3,486.70	1/4	3,129.43	1/4	2,771.89	1/4	2,413.71	1/4	2,055.53	1/4	1,697.36	1/4	1,339.18	1/4	981.01	1/4	622.83	1/4	270.38	1/4		1/4		1/4		1/4	
1/2	3,830.54	1/2	3,479.26	1/2	3,121.99	1/2	2,764.42	1/2	2,406.25	1/2	2,048.07	1/2	1,689.90	1/2	1,331.72	1/2	973.54	1/2	615.37	1/2	262.91	1/2		1/2		1/2		1/2	
3/4	3,824.22	3/4	3,471.81	3/4	3,114.55	3/4	2,756.96	3/4	2,398.79	3/4	2,040.61	3/4	1,682.43	3/4	1,324.26	3/4	966.08	3/4	607.91	3/4	255.44	3/4		3/4		3/4		3/4	
9	3,817.90	9	3,464.37	9	3,107.11	9	2,749.50	9	2,391.32	9	2,033.15	9	1,674.97	9	1,316.80	9	958.62	9	600.44	9	247.98	9		9		9		9	
1/4	3,811.58	1/4	3,456.93	1/4	3,099.66	1/4	2,742.04	1/4	2,383.86	1/4	2,025.69	1/4	1,667.51	1/4	1,309.33	1/4	951.16	1/4	592.98	1/4	240.51	1/4		1/4		1/4		1/4	
1/2	3,805.25	1/2	3,449.48	1/2	3,092.22	1/2	2,734.58	1/2	2,376.40	1/2	2,018.22	1/2	1,660.05	1/2	1,301.87	1/2	943.70	1/2	585.52	1/2	233.04	1/2		1/2		1/2		1/2	
3/4	3,798.18	3/4	3,442.04	3/4	3,084.78	3/4	2,727.11	3/4	2,368.94	3/4	2,010.76	3/4	1,652.59	3/4	1,294.41	3/4	936.23	3/4	578.06	3/4	225.57	3/4		3/4		3/4		3/4	
10	3,791.11	10	3,434.60	10	3,077.33	10	2,719.65	10	2,361.48	10	2,003.30	10	1,645.12	10	1,286.95	10	928.77	10	570.60	10	218.10	10		10		10		10	
1/4	3,784.05	1/4	3,427.15	1/4	3,069.89	1/4	2,712.19	1/4	2,354.01	1/4	1,995.84	1/4	1,637.66	1/4	1,279.49	1/4	921.31	1/4	563.13	1/4	210.64	1/4		1/4		1/4		1/4	
1/2	3,776.98	1/2	3,419.71	1/2	3,062.45	1/2	2,704.73	1/2	2,346.55	1/2	1,988.38	1/2	1,630.20	1/2	1,272.02	1/2	913.85	1/2	555.67	1/2	203.17	1/2		1/2		1/2		1/2	
3/4	3,769.53	3/4	3,412.27	3/4	3,055.00	3/4	2,697.27	3/4	2,339.09	3/4	1,980.91	3/4	1,622.74	3/4	1,264.56	3/4	906.39	3/4	548.21	3/4	195.70	3/4		3/4		3/4		3/4	
11	3,762.09	11	3,404.83	11	3,047.56	11	2,689.80	11	2,331.63	11	1,973.45	11	1,615.28	11	1,257.10	11	898.92	11	540.75	11	188.23	11		11		11		11	
1/4	3,754.65	1/4	3,397.38	1/4	3,040.12	1/4	2,682.34	1/4	2,324.17	1/4	1,965.99	1/4	1,607.81	1/4	1,249.64	1/4	891.46	1/4	533.29	1/4	180.76	1/4		1/4		1/4		1/4	
1/2	3,747.20	1/2	3,389.94	1/2	3,032.68	1/2	2,674.88	1/2	2,316.70	1/2	1,958.53	1/2	1,600.35	1/2	1,242.18	1/2	884.00	1/2	525.82	1/2	173.30	1/2		1/2		1/2		1/2	
3/4	3,739.76	3/4	3,382.50	3/4	3,025.23	3/4	2,667.42	3/4	2,309.24	3/4	1,951.07	3/4	1,592.89	3/4	1,234.71	3/4	876.54	3/4	519.10	3/4	165.83	3/4		3/4		3/4		3/4	

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STRAPPED: 9/14/06

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INSPECTORATE AMERICA CORPORATION

FORM 1/4L15W REV #2 7/98

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "MPC-727"
MARATHON PETROLEUM COMPANY

OUTAGE TABLE

TANK NO.
3 STAR

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

HULL NO. 2154-1

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.
0		0	3,739.76	0	3,382.50	0	3,025.23	0	2,667.42	0	2,309.24	0	1,951.07	0	1,592.89	0	1,234.71	0	876.54	0	519.10	0	165.83	0		0		0	
1/4		1/4	3,732.32	1/4	3,375.05	1/4	3,017.79	1/4	2,659.96	1/4	2,301.78	1/4	1,943.60	1/4	1,585.43	1/4	1,227.25	1/4	869.08	1/4	512.37	1/4	158.36	1/4		1/4		1/4	
1/2		1/2	3,724.88	1/2	3,367.61	1/2	3,010.35	1/2	2,652.49	1/2	2,294.32	1/2	1,936.14	1/2	1,577.97	1/2	1,219.79	1/2	861.61	1/2	505.65	1/2	150.89	1/2		1/2		1/2	
3/4	3,925.34	3/4	3,717.43	3/4	3,360.17	3/4	3,002.90	3/4	2,645.03	3/4	2,286.86	3/4	1,928.68	3/4	1,570.50	3/4	1,212.33	3/4	854.15	3/4	498.92	3/4	143.42	3/4		3/4		3/4	
1	3,924.99	1	3,709.99	1	3,352.72	1	2,995.46	1	2,637.57	1	2,279.39	1	1,921.22	1	1,563.04	1	1,204.87	1	846.69	1	492.19	1	135.96	1		1		1	
1/4	3,924.64	1/4	3,702.55	1/4	3,345.28	1/4	2,988.02	1/4	2,630.11	1/4	2,271.93	1/4	1,913.76	1/4	1,555.58	1/4	1,197.40	1/4	839.23	1/4	485.47	1/4	128.49	1/4		1/4		1/4	
1/2	3,924.29	1/2	3,695.10	1/2	3,337.84	1/2	2,980.57	1/2	2,622.65	1/2	2,264.47	1/2	1,906.29	1/2	1,548.12	1/2	1,189.94	1/2	831.77	1/2	478.74	1/2	121.02	1/2		1/2		1/2	
3/4	3,923.94	3/4	3,687.66	3/4	3,330.40	3/4	2,973.13	3/4	2,615.18	3/4	2,257.01	3/4	1,898.83	3/4	1,540.66	3/4	1,182.48	3/4	824.30	3/4	472.02	3/4	113.55	3/4		3/4		3/4	
2	3,922.85	2	3,680.22	2	3,322.95	2	2,965.69	2	2,607.72	2	2,249.55	2	1,891.37	2	1,533.19	2	1,175.02	2	816.84	2	464.55	2	106.83	2		2		2	
1/4	3,921.75	1/4	3,672.77	1/4	3,315.51	1/4	2,958.25	1/4	2,600.26	1/4	2,242.08	1/4	1,883.91	1/4	1,525.73	1/4	1,167.56	1/4	809.38	1/4	457.08	1/4	100.10	1/4		1/4		1/4	
1/2	3,920.66	1/2	3,665.33	1/2	3,308.07	1/2	2,950.80	1/2	2,592.80	1/2	2,234.62	1/2	1,876.45	1/2	1,518.27	1/2	1,160.09	1/2	801.92	1/2	449.61	1/2	93.37	1/2		1/2		1/2	
3/4	3,919.56	3/4	3,657.89	3/4	3,300.62	3/4	2,943.36	3/4	2,585.34	3/4	2,227.16	3/4	1,868.98	3/4	1,510.81	3/4	1,152.63	3/4	794.46	3/4	442.14	3/4	86.65	3/4		3/4		3/4	
3	3,917.72	3	3,650.45	3	3,293.18	3	2,935.92	3	2,577.87	3	2,219.70	3	1,861.52	3	1,503.35	3	1,145.17	3	786.99	3	434.68	3	79.92	3		3		3	
1/4	3,915.88	1/4	3,643.00	1/4	3,285.74	1/4	2,928.47	1/4	2,570.41	1/4	2,212.24	1/4	1,854.06	1/4	1,495.88	1/4	1,137.71	1/4	779.53	1/4	427.21	1/4	73.20	1/4		1/4		1/4	
1/2	3,914.04	1/2	3,635.56	1/2	3,278.29	1/2	2,921.03	1/2	2,562.95	1/2	2,204.77	1/2	1,846.60	1/2	1,488.42	1/2	1,130.25	1/2	772.07	1/2	419.74	1/2	66.47	1/2		1/2		1/2	
3/4	3,912.20	3/4	3,628.12	3/4	3,270.85	3/4	2,913.59	3/4	2,555.49	3/4	2,197.31	3/4	1,839.14	3/4	1,480.96	3/4	1,122.78	3/4	764.61	3/4	412.27	3/4	59.74	3/4		3/4		3/4	
4	3,909.61	4	3,620.67	4	3,263.41	4	2,906.14	4	2,548.03	4	2,189.85	4	1,831.67	4	1,473.50	4	1,115.32	4	757.15	4	404.80	4	53.21	4		4		4	
1/4	3,907.02	1/4	3,613.23	1/4	3,255.97	1/4	2,898.70	1/4	2,540.56	1/4	2,182.39	1/4	1,824.21	1/4	1,466.04	1/4	1,107.86	1/4	749.68	1/4	397.34	1/4	46.68	1/4		1/4		1/4	
1/2	3,904.43	1/2	3,605.79	1/2	3,248.52	1/2	2,891.26	1/2	2,533.10	1/2	2,174.93	1/2	1,816.75	1/2	1,458.57	1/2	1,100.40	1/2	742.22	1/2	389.87	1/2	40.14	1/2		1/2		1/2	
3/4	3,901.84	3/4	3,598.34	3/4	3,241.08	3/4	2,883.82	3/4	2,525.64	3/4	2,167.46	3/4	1,809.29	3/4	1,451.11	3/4	1,092.94	3/4	734.76	3/4	382.40	3/4	33.61	3/4		3/4		3/4	
5	3,898.51	5	3,590.90	5	3,233.64	5	2,876.35	5	2,518.18	5	2,160.00	5	1,801.83	5	1,443.65	5	1,085.47	5	727.30	5	374.93	5	28.94	5		5		5	
1/4	3,895.17	1/4	3,583.46	1/4	3,226.19	1/4	2,868.89	1/4	2,510.72	1/4	2,152.54	1/4	1,794.36	1/4	1,436.19	1/4	1,078.01	1/4	719.84	1/4	367.46	1/4	24.27	1/4		1/4		1/4	
1/2	3,891.83	1/2	3,576.01	1/2	3,218.75	1/2	2,861.43	1/2	2,503.25	1/2	2,145.08	1/2	1,786.90	1/2	1,428.73	1/2	1,070.55	1/2	712.37	1/2	360.00	1/2	19.61	1/2		1/2		1/2	
3/4	3,888.50	3/4	3,568.57	3/4	3,211.31	3/4	2,853.97	3/4	2,495.79	3/4	2,137.62	3/4	1,779.44	3/4	1,421.26	3/4	1,063.09	3/4	704.91	3/4	352.53	3/4	* 14.94	3/4		3/4		3/4	
6	3,884.41	6	3,561.13	6	3,203.86	6	2,846.51	6	2,488.33	6	2,130.15	6	1,771.98	6	1,413.80	6	1,055.63	6	697.45	6	345.06	6		6		6		6	
1/4	3,880.33	1/4	3,553.69	1/4	3,196.42	1/4	2,839.04	1/4	2,480.87	1/4	2,122.69	1/4	1,764.52	1/4	1,406.34	1/4	1,048.16	1/4	689.99	1/4	337.59	1/4		1/4		1/4		1/4	
1/2	3,876.25	1/2	3,546.24	1/2	3,188.98	1/2	2,831.58	1/2	2,473.41	1/2	2,115.23	1/2	1,757.05	1/2	1,398.88	1/2	1,040.70	1/2	682.53	1/2	330.12	1/2		1/2		1/2		1/2	
3/4	3,872.16	3/4	3,538.80	3/4	3,181.54	3/4	2,824.12	3/4	2,465.94	3/4	2,107.77	3/4	1,749.59	3/4	1,391.42	3/4	1,033.24	3/4	675.06	3/4	322.66	3/4		3/4		3/4		3/4	
7	3,867.34	7	3,531.36	7	3,174.09	7	2,816.66	7	2,458.48	7	2,100.31	7	1,742.13	7	1,383.95	7	1,025.78	7	667.60	7	315.19	7		7		7		7	
1/4	3,862.51	1/4	3,523.91	1/4	3,166.65	1/4	2,809.20	1/4	2,451.02	1/4	2,092.84	1/4	1,734.67	1/4	1,376.49	1/4	1,018.32	1/4	660.14	1/4	307.72	1/4		1/4		1/4		1/4	
1/2	3,857.68	1/2	3,516.47	1/2	3,159.21	1/2	2,801.73	1/2	2,443.56	1/2	2,085.38	1/2	1,727.21	1/2	1,369.03	1/2	1,010.85	1/2	652.68	1/2	300.25	1/2		1/2		1/2		1/2	
3/4	3,852.85	3/4	3,509.03	3/4	3,151.76	3/4	2,794.27	3/4	2,436.10	3/4	2,077.92	3/4	1,719.74	3/4	1,361.57	3/4	1,003.39	3/4	645.22	3/4	292.78	3/4		3/4		3/4		3/4	
8	3,847.27	8	3,501.58	8	3,144.32	8	2,786.81	8	2,428.63	8	2,070.46	8	1,712.28	8	1,354.11	8	995.93	8	637.75	8	285.32	8		8		8		8	
1/4	3,841.70	1/4	3,494.14	1/4	3,136.88	1/4	2,779.35	1/4	2,421.17	1/4	2,063.00	1/4	1,704.82	1/4	1,346.64	1/4	988.47	1/4	630.29	1/4	277.85	1/4		1/4		1/4		1/4	
1/2	3,836.12	1/2	3,486.70	1/2	3,129.43	1/2	2,771.89	1/2	2,413.71	1/2	2,055.53	1/2	1,697.36	1/2	1,339.18	1/2	981.01	1/2	622.83	1/2	270.38	1/2		1/2		1/2		1/2	
3/4	3,830.54	3/4	3,479.26	3/4	3,121.99	3/4	2,764.42	3/4	2,406.25	3/4	2,048.07	3/4	1,689.90	3/4	1,331.72	3/4	973.54	3/4	615.37	3/4	262.91	3/4		3/4		3/4		3/4	
9	3,824.22	9	3,471.81	9	3,114.55	9	2,756.96	9	2,398.79	9	2,040.61	9	1,682.43	9	1,324.26	9	966.08	9	607.91	9	255.44	9		9		9		9	
1/4	3,817.90	1/4	3,464.37	1/4	3,107.11	1/4	2,749.50	1/4	2,391.32	1/4	2,033.15	1/4	1,674.97	1/4	1,316.80	1/4	958.62	1/4	600.44	1/4	247.98	1/4		1/4		1/4		1/4	
1/2	3,811.58	1/2	3,456.93	1/2	3,099.66	1/2	2,742.04	1/2	2,383.86	1/2	2,025.69	1/2	1,667.51	1/2	1,309.33	1/2	951.16	1/2	592.98	1/2	240.51	1/2		1/2		1/2		1/2	
3/4	3,805.25	3/4	3,449.48	3/4	3,092.22	3/4	2,734.58	3/4	2,376.40	3/4	2,018.22	3/4	1,660.05	3/4	1,301.87	3/4	943.70	3/4	585.52	3/4	233.04	3/4		3/4		3/4		3/4	
10	3,798.18	10	3,442.04	10	3,084.78	10	2,727.11	10	2,368.94	10	2,010.76	10	1,652.59	10	1,294.41	10	936.23	10	578.06	10	225.57	10		10		10		10	
1/4	3,791.11	1/4	3,434.60	1/4	3,077.33	1/4	2,719.65	1/4	2,361.48	1/4	2,003.30	1/4	1,645.12	1/4	1,286.95	1/4	928.77	1/4	570.60	1/4	218.10	1/4		1/4		1/4		1/4	
1/2	3,784.05	1/2	3,427.15	1/2	3,069.89	1/2	2,712.19	1/2	2,354.01	1/2	1,995.84	1/2	1,637.66	1/2	1,279.49	1/2	921.31	1/2	563.13	1/2	210.64	1/2		1/2		1/2		1/2	
3/4	3,776.98	3/4	3,419.71	3/4	3,062.45	3/4	2,704.73	3/4	2,346.55	3/4	1,988.38	3/4	1,630.20	3/4	1,272.02	3/4	913.85	3/4	555.67	3/4	203.17	3/4		3/4		3/4		3/4	
11	3,769.53	11	3,412.27	11	3,055.00	11	2,697.27	11	2,339.09	11	1,980.91	11	1,622.74	11	1,264.56	11	906.39	11	548.21	11	195.70	11		11		11		11	
1/4	3,762.09	1/4	3,404.83	1/4	3,047.56	1/4	2,689.80	1/4	2,331.63	1/4	1,973.45	1/4	1,615.28	1/4	1,257.10	1/4	898.92	1/4	540.75	1/4	188.23	1/4		1/4		1/4		1/4	
1/2	3,754.65	1/2	3,397.38	1/2	3,040.12	1/2	2,682.34	1/2	2,324.17	1/2	1,965.99	1/2	1,607.81	1/2	1,249.64	1/2	891.46	1/2	533.29	1/2	180.76	1/2		1/2		1/2		1/2	
3/4	3,747.20	3/4	3,389.94	3/4	3,032.68	3/4	2,674.88	3/4	2,316.70	3/4	1,958.53	3/4	1,600.35	3/4	1,242.18	3/4	884.00	3/4	525.82	3/4	173.30	3/4		3/4		3/4		3/4	

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 9/14/06

* CAPACITY BELOW STRIKE POINT.

REFERENCE GAUGE HEIGHT : 11'-5 3/4" (RIM OF HATCH LOCATED NEAR CENTER OF TANK)

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 AMERICA CORPORATION