

BARGE "MPC-639" MARATHON PETROLEUM CORP.

OUTAGE TABLE

1 PORT



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

HULL NO. 2169-12

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	0	5,103.57	0	4,827.77	0	4,469.07	0	4,110.36	0	3,751.66	0	3,392.96	0	3,034.25	0	2,675.55	0	2,316.84	0	1,958.14	0	1,599.44	0	1,240.73	0	882.03	0	523.32	0	180.78	
1/4	1/4	5,102.95	1/4	4,820.30	1/4	4,461.59	1/4	4,102.89	1/4	3,744.19	1/4	3,385.48	1/4	3,026.78	1/4	2,668.07	1/4	2,309.37	1/4	1,950.67	1/4	1,591.96	1/4	1,233.26	1/4	874.55	1/4	515.85	1/4	174.00	
1/2	1/2	5,102.33	1/2	4,812.83	1/2	4,454.12	1/2	4,095.42	1/2	3,736.71	1/2	3,378.01	1/2	3,019.31	1/2	2,660.60	1/2	2,301.90	1/2	1,943.19	1/2	1,584.49	1/2	1,225.79	1/2	867.08	1/2	508.38	1/2	167.21	
3/4	3/4	5,101.71	3/4	4,805.35	3/4	4,446.65	3/4	4,087.94	3/4	3,729.24	3/4	3,370.54	3/4	3,011.83	3/4	2,653.13	3/4	2,294.42	3/4	1,935.72	3/4	1,577.02	3/4	1,218.31	3/4	859.61	3/4	500.90	3/4	160.43	
1	1	5,099.84	1	4,797.88	1	4,439.18	1	4,080.47	1	3,721.77	1	3,363.06	1	3,004.36	1	2,645.66	1	2,286.95	1	1,928.25	1	1,569.54	1	1,210.84	1	852.14	1	493.50	1	153.77	
1/4	1/4	5,097.97	1/4	4,790.41	1/4	4,431.70	1/4	4,073.00	1/4	3,714.29	1/4	3,355.59	1/4	2,996.89	1/4	2,638.18	1/4	2,279.48	1/4	1,920.77	1/4	1,562.07	1/4	1,203.37	1/4	844.66	1/4	486.10	1/4	147.12	
1/2	1/2	5,096.11	1/2	4,782.93	1/2	4,424.23	1/2	4,065.53	1/2	3,706.82	1/2	3,348.12	1/2	2,989.41	1/2	2,630.71	1/2	2,272.01	1/2	1,913.30	1/2	1,554.60	1/2	1,195.89	1/2	837.19	1/2	478.69	1/2	140.46	
3/4	3/4	5,094.24	3/4	4,775.46	3/4	4,416.76	3/4	4,058.05	3/4	3,699.35	3/4	3,340.64	3/4	2,981.94	3/4	2,623.24	3/4	2,264.53	3/4	1,905.83	3/4	1,547.12	3/4	1,188.42	3/4	829.72	3/4	471.29	3/4	133.80	
2	2	5,091.13	2	4,767.99	2	4,409.28	2	4,050.58	2	3,691.88	2	3,333.17	2	2,974.47	2	2,615.76	2	2,257.06	2	1,898.36	2	1,539.65	2	1,180.95	2	822.24	2	463.88	2	127.14	
1/4	1/4	5,088.02	1/4	4,760.51	1/4	4,401.81	1/4	4,043.11	1/4	3,684.40	1/4	3,325.70	1/4	2,966.99	1/4	2,608.29	1/4	2,249.59	1/4	1,890.88	1/4	1,532.18	1/4	1,173.47	1/4	814.77	1/4	456.48	1/4	120.48	
1/2	1/2	5,084.91	1/2	4,753.04	1/2	4,394.34	1/2	4,035.63	1/2	3,676.93	1/2	3,318.23	1/2	2,959.52	1/2	2,600.82	1/2	2,242.11	1/2	1,883.41	1/2	1,524.71	1/2	1,166.00	1/2	807.30	1/2	449.08	1/2	113.83	
3/4	3/4	5,081.80	3/4	4,745.57	3/4	4,386.86	3/4	4,028.16	3/4	3,669.46	3/4	3,310.75	3/4	2,952.05	3/4	2,593.34	3/4	2,234.64	3/4	1,875.94	3/4	1,517.23	3/4	1,158.53	3/4	799.82	3/4	441.67	3/4	107.17	
3	3	5,077.44	3	4,738.10	3	4,379.39	3	4,020.69	3	3,661.98	3	3,303.28	3	2,944.58	3	2,585.87	3	2,227.17	3	1,868.46	3	1,509.76	3	1,151.06	3	792.35	3	434.39	3	100.64	
1/4	1/4	5,073.08	1/4	4,730.62	1/4	4,371.92	1/4	4,013.21	1/4	3,654.51	1/4	3,295.81	1/4	2,937.10	1/4	2,578.40	1/4	2,219.69	1/4	1,860.99	1/4	1,502.29	1/4	1,143.58	1/4	784.88	1/4	427.11	1/4	94.10	
1/2	1/2	5,068.73	1/2	4,723.15	1/2	4,364.45	1/2	4,005.74	1/2	3,647.04	1/2	3,288.33	1/2	2,929.63	1/2	2,570.93	1/2	2,212.22	1/2	1,853.52	1/2	1,494.81	1/2	1,136.11	1/2	777.41	1/2	419.83	1/2	87.57	
3/4	3/4	5,064.37	3/4	4,715.88	3/4	4,356.97	3/4	3,998.27	3/4	3,639.56	3/4	3,280.86	3/4	2,922.16	3/4	2,563.45	3/4	2,204.75	3/4	1,846.04	3/4	1,487.34	3/4	1,128.64	3/4	769.93	3/4	412.55	3/4	81.04	
4	4	5,068.77	4	4,708.20	4	4,349.50	4	3,990.80	4	3,632.09	4	3,273.39	4	2,914.68	4	2,555.98	4	2,197.28	4	1,838.57	4	1,479.87	4	1,121.16	4	762.46	4	405.27	4	74.50	
1/4	1/4	5,053.17	1/4	4,700.73	1/4	4,342.03	1/4	3,983.32	1/4	3,624.62	1/4	3,265.91	1/4	2,907.21	1/4	2,548.51	1/4	2,189.80	1/4	1,831.10	1/4	1,472.39	1/4	1,113.69	1/4	754.99	1/4	397.99	1/4	67.97	
1/2	1/2	5,047.57	1/2	4,693.26	1/2	4,334.55	1/2	3,975.85	1/2	3,617.15	1/2	3,258.44	1/2	2,899.74	1/2	2,541.03	1/2	2,182.33	1/2	1,823.63	1/2	1,464.92	1/2	1,106.22	1/2	747.51	1/2	390.71	1/2	61.44	
3/4	3/4	5,041.97	3/4	4,685.78	3/4	4,327.08	3/4	3,968.38	3/4	3,609.67	3/4	3,250.97	3/4	2,892.26	3/4	2,533.56	3/4	2,174.86	3/4	1,816.15	3/4	1,457.45	3/4	1,098.74	3/4	740.04	3/4	383.43	3/4	54.90	
5	5	5,035.13	5	4,678.31	5	4,319.61	5	3,960.90	5	3,602.20	5	3,243.50	5	2,884.79	5	2,526.09	5	2,167.38	5	1,808.68	5	1,449.98	5	1,091.27	5	732.57	5	376.28	5	49.23	
1/4	1/4	5,028.28	1/4	4,670.84	1/4	4,312.13	1/4	3,953.43	1/4	3,594.73	1/4	3,236.02	1/4	2,877.32	1/4	2,518.61	1/4	2,159.91	1/4	1,801.21	1/4	1,442.50	1/4	1,083.80	1/4	725.09	1/4	369.12	1/4	43.55	
1/2	1/2	5,021.44	1/2	4,663.37	1/2	4,304.66	1/2	3,945.96	1/2	3,587.25	1/2	3,228.55	1/2	2,869.85	1/2	2,511.14	1/2	2,152.44	1/2	1,793.73	1/2	1,435.03	1/2	1,076.33	1/2	717.62	1/2	361.97	1/2	37.88	
3/4	3/4	5,014.60	3/4	4,655.89	3/4	4,297.19	3/4	3,938.48	3/4	3,579.78	3/4	3,221.08	3/4	2,862.37	3/4	2,503.67	3/4	2,144.96	3/4	1,786.26	3/4	1,427.56	3/4	1,068.85	3/4	710.15	3/4	364.81	3/4	32.20	
6	6	5,007.12	6	4,648.42	6	4,289.72	6	3,931.01	6	3,572.31	6	3,213.60	6	2,854.90	6	2,496.20	6	2,137.49	6	1,778.79	6	1,420.08	6	1,061.38	6	702.68	6	347.66	6	27.99	
1/4	1/4	4,999.65	1/4	4,640.95	1/4	4,282.24	1/4	3,923.54	1/4	3,564.83	1/4	3,206.13	1/4	2,847.43	1/4	2,488.72	1/4	2,130.02	1/4	1,771.31	1/4	1,412.61	1/4	1,053.91	1/4	695.20	1/4	340.50	1/4	23.78	
1/2	1/2	4,992.18	1/2	4,633.47	1/2	4,274.77	1/2	3,916.07	1/2	3,557.36	1/2	3,198.66	1/2	2,839.95	1/2	2,481.25	1/2	2,122.55	1/2	1,763.84	1/2	1,405.14	1/2	1,046.43	1/2	687.73	1/2	333.35	1/2	19.57	
3/4	3/4	4,984.70	3/4	4,626.00	3/4	4,267.30	3/4	3,908.59	3/4	3,549.89	3/4	3,191.18	3/4	2,832.48	3/4	2,473.78	3/4	2,115.07	3/4	1,756.37	3/4	1,397.66	3/4	1,038.96	3/4	680.26	3/4	326.19	3/4	15.36	
7	7	4,977.23	7	4,618.53	7	4,259.82	7	3,901.12	7	3,542.42	7	3,183.71	7	2,825.01	7	2,466.30	7	2,107.60	7	1,748.90	7	1,390.19	7	1,031.49	7	672.78	7	319.16	7	7	
1/4	1/4	4,969.76	1/4	4,611.05	1/4	4,252.35	1/4	3,893.65	1/4	3,534.94	1/4	3,176.24	1/4	2,817.53	1/4	2,458.83	1/4	2,100.13	1/4	1,741.42	1/4	1,382.72	1/4	1,024.01	1/4	665.31	1/4	312.13	1/4	1/4	
1/2	1/2	4,962.29	1/2	4,603.58	1/2	4,244.88	1/2	3,886.17	1/2	3,527.47	1/2	3,168.77	1/2	2,810.06	1/2	2,451.36	1/2	2,092.65	1/2	1,733.95	1/2	1,375.25	1/2	1,016.54	1/2	657.84	1/2	305.10	1/2	1/2	
3/4	3/4	4,954.81	3/4	4,596.11	3/4	4,237.40	3/4	3,878.70	3/4	3,520.00	3/4	3,161.29	3/4	2,802.59	3/4	2,443.88	3/4	2,085.18	3/4	1,726.48	3/4	1,367.77	3/4	1,009.07	3/4	650.36	3/4	298.07	3/4	1/2	
8	8	4,947.34	8	4,588.64	8	4,229.93	8	3,871.23	8	3,512.52	8	3,153.82	8	2,795.12	8	2,436.41	8	2,077.71	8	1,719.00	8	1,360.30	8	1,001.60	8	642.89	8	291.04	8	1/2	
1/4	1/4	4,939.87	1/4	4,581.16	1/4	4,222.46	1/4	3,863.75	1/4	3,505.05	1/4	3,146.35	1/4	2,787.64	1/4	2,428.94	1/4	2,070.23	1/4	1,711.53	1/4	1,352.83	1/4	994.12	1/4	635.42	1/4	284.01	1/4	1/4	
1/2	1/2	4,932.39	1/2	4,573.69	1/2	4,214.99	1/2	3,856.28	1/2	3,497.58	1/2	3,138.87	1/2	2,780.17	1/2	2,421.47	1/2	2,062.76	1/2	1,704.06	1/2	1,345.35	1/2	986.65	1/2	627.95	1/2	276.98	1/2	1/2	
3/4	3/4	4,924.92	3/4	4,566.22	3/4	4,207.51	3/4	3,848.81	3/4	3,490.10	3/4	3,131.40	3/4	2,772.70	3/4	2,413.99	3/4	2,055.29	3/4	1,696.58	3/4	1,337.88	3/4	979.18	3/4	620.47	3/4	269.94	3/4	1/2	
9	9	4,917.45	9	4,558.74	9	4,200.04	9	3,841.34	9	3,482.63	9	3,123.93	9	2,765.22	9																

BARGE "MPC-639" MARATHON PETROLEUM CORP.

OUTAGE TABLE

1 STAR



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

HULL NO. 2169-12

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.	
0	0	5,102.95	0	4,820.30	0	4,461.59	0	4,102.89	0	3,744.19	0	3,385.48	0	3,026.78	0	2,668.07	0	2,309.37	0	1,950.67	0	1,591.96	0	1,233.26	0	874.55	0	515.85	0	174.00	
1/4	1/4	5,102.33	1/4	4,812.83	1/4	4,454.12	1/4	4,095.42	1/4	3,736.71	1/4	3,378.01	1/4	3,019.31	1/4	2,660.60	1/4	2,301.90	1/4	1,943.19	1/4	1,584.49	1/4	1,225.79	1/4	867.08	1/4	508.38	1/4	167.21	
1/2	1/2	5,101.71	1/2	4,805.35	1/2	4,446.65	1/2	4,087.94	1/2	3,729.24	1/2	3,370.54	1/2	3,011.83	1/2	2,653.13	1/2	2,294.42	1/2	1,935.72	1/2	1,577.02	1/2	1,218.31	1/2	859.61	1/2	500.90	1/2	160.43	
3/4	3/4	5,099.84	3/4	4,797.88	3/4	4,439.18	3/4	4,080.47	3/4	3,721.77	3/4	3,363.06	3/4	3,004.36	3/4	2,645.66	3/4	2,286.95	3/4	1,928.25	3/4	1,569.54	3/4	1,210.84	3/4	852.14	3/4	493.50	3/4	153.77	
1	1	5,097.97	1	4,790.41	1	4,431.70	1	4,073.00	1	3,714.29	1	3,355.59	1	2,996.89	1	2,638.18	1	2,279.48	1	1,920.77	1	1,562.07	1	1,203.37	1	844.66	1	486.10	1	147.12	
1/4	1/4	5,096.11	1/4	4,782.93	1/4	4,424.23	1/4	4,065.53	1/4	3,706.82	1/4	3,348.12	1/4	2,989.41	1/4	2,630.71	1/4	2,272.01	1/4	1,913.30	1/4	1,554.60	1/4	1,195.89	1/4	837.19	1/4	478.69	1/4	140.46	
1/2	1/2	5,094.24	1/2	4,775.46	1/2	4,416.76	1/2	4,058.05	1/2	3,699.35	1/2	3,340.64	1/2	2,981.94	1/2	2,623.24	1/2	2,264.53	1/2	1,905.83	1/2	1,547.12	1/2	1,188.42	1/2	829.72	1/2	471.29	1/2	133.80	
3/4	3/4	5,091.13	3/4	4,767.99	3/4	4,409.28	3/4	4,050.58	3/4	3,691.88	3/4	3,333.17	3/4	2,974.47	3/4	2,615.76	3/4	2,257.06	3/4	1,898.36	3/4	1,539.65	3/4	1,180.95	3/4	822.24	3/4	463.88	3/4	127.14	
2	2	5,088.02	2	4,760.51	2	4,401.81	2	4,043.11	2	3,684.40	2	3,325.70	2	2,966.99	2	2,608.29	2	2,249.59	2	1,890.88	2	1,532.18	2	1,173.47	2	814.77	2	456.48	2	120.48	
1/4	1/4	5,084.91	1/4	4,753.04	1/4	4,394.34	1/4	4,035.63	1/4	3,676.93	1/4	3,318.23	1/4	2,959.52	1/4	2,600.82	1/4	2,242.11	1/4	1,883.31	1/4	1,524.71	1/4	1,166.00	1/4	807.30	1/4	449.08	1/4	113.83	
1/2	1/2	5,081.80	1/2	4,745.57	1/2	4,386.86	1/2	4,028.16	1/2	3,669.46	1/2	3,310.75	1/2	2,952.05	1/2	2,593.34	1/2	2,234.64	1/2	1,876.94	1/2	1,517.23	1/2	1,158.53	1/2	799.82	1/2	441.67	1/2	107.17	
3/4	3/4	5,077.44	3/4	4,738.10	3/4	4,379.39	3/4	4,020.69	3/4	3,661.98	3/4	3,303.28	3/4	2,944.58	3/4	2,585.87	3/4	2,227.17	3/4	1,868.46	3/4	1,509.76	3/4	1,151.06	3/4	792.35	3/4	434.39	3/4	100.64	
3	3	5,073.08	3	4,730.62	3	4,371.92	3	4,013.21	3	3,654.51	3	3,295.81	3	2,937.10	3	2,578.40	3	2,219.69	3	1,860.99	3	1,502.29	3	1,143.58	3	784.88	3	427.11	3	94.10	
1/4	1/4	5,068.73	1/4	4,723.15	1/4	4,364.45	1/4	4,005.74	1/4	3,647.04	1/4	3,288.33	1/4	2,929.63	1/4	2,570.93	1/4	2,212.22	1/4	1,853.52	1/4	1,494.81	1/4	1,136.11	1/4	777.41	1/4	419.83	1/4	87.57	
1/2	1/2	5,064.37	1/2	4,715.68	1/2	4,356.97	1/2	3,998.27	1/2	3,639.56	1/2	3,280.86	1/2	2,922.16	1/2	2,563.45	1/2	2,204.75	1/2	1,846.04	1/2	1,487.34	1/2	1,128.64	1/2	769.93	1/2	412.55	1/2	81.04	
3/4	3/4	5,058.77	3/4	4,708.20	3/4	4,349.50	3/4	3,990.80	3/4	3,632.09	3/4	3,273.39	3/4	2,914.68	3/4	2,555.98	3/4	2,197.28	3/4	1,838.57	3/4	1,479.87	3/4	1,121.16	3/4	762.46	3/4	405.27	3/4	74.50	
4	4	5,053.17	4	4,700.73	4	4,342.03	4	3,983.32	4	3,624.62	4	3,265.91	4	2,907.21	4	2,548.51	4	2,189.80	4	1,831.10	4	1,472.39	4	1,113.69	4	754.99	4	397.99	4	67.97	
1/4	1/4	5,047.57	1/4	4,693.26	1/4	4,334.55	1/4	3,975.85	1/4	3,617.15	1/4	3,258.44	1/4	2,899.74	1/4	2,541.03	1/4	2,182.33	1/4	1,823.63	1/4	1,464.92	1/4	1,106.22	1/4	747.51	1/4	390.71	1/4	61.44	
1/2	1/2	5,041.97	1/2	4,685.78	1/2	4,327.08	1/2	3,968.38	1/2	3,609.67	1/2	3,250.97	1/2	2,892.26	1/2	2,533.56	1/2	2,174.86	1/2	1,816.15	1/2	1,457.45	1/2	1,098.74	1/2	740.04	1/2	383.43	1/2	54.90	
3/4	3/4	5,035.13	3/4	4,678.31	3/4	4,319.61	3/4	3,960.90	3/4	3,602.20	3/4	3,243.50	3/4	2,884.79	3/4	2,526.09	3/4	2,167.38	3/4	1,808.68	3/4	1,449.98	3/4	1,091.27	3/4	732.57	3/4	376.28	3/4	49.23	
5	5	5,028.28	5	4,670.84	5	4,312.13	5	3,953.43	5	3,594.73	5	3,236.02	5	2,877.32	5	2,518.61	5	2,159.91	5	1,801.21	5	1,442.50	5	1,083.80	5	726.09	5	369.12	5	43.55	
1/4	1/4	5,021.44	1/4	4,663.37	1/4	4,304.66	1/4	3,945.96	1/4	3,587.25	1/4	3,228.55	1/4	2,869.85	1/4	2,511.14	1/4	2,152.44	1/4	1,793.73	1/4	1,435.03	1/4	1,076.33	1/4	717.62	1/4	361.97	1/4	37.88	
1/2	1/2	5,014.60	1/2	4,655.89	1/2	4,297.19	1/2	3,938.48	1/2	3,579.78	1/2	3,221.08	1/2	2,862.37	1/2	2,503.67	1/2	2,144.96	1/2	1,786.26	1/2	1,427.56	1/2	1,068.85	1/2	710.15	1/2	354.81	1/2	32.20	
3/4	3/4	5,007.12	3/4	4,648.42	3/4	4,289.72	3/4	3,931.01	3/4	3,572.31	3/4	3,213.60	3/4	2,854.90	3/4	2,496.20	3/4	2,137.49	3/4	1,778.79	3/4	1,420.08	3/4	1,061.38	3/4	702.68	3/4	347.66	3/4	27.99	
6	6	4,999.65	6	4,640.95	6	4,282.24	6	3,923.54	6	3,564.83	6	3,206.13	6	2,847.43	6	2,488.72	6	2,130.02	6	1,771.31	6	1,412.61	6	1,053.91	6	695.20	6	340.50	6	23.78	
1/4	1/4	4,992.18	1/4	4,633.47	1/4	4,274.77	1/4	3,916.07	1/4	3,557.36	1/4	3,198.66	1/4	2,839.95	1/4	2,481.25	1/4	2,122.55	1/4	1,763.84	1/4	1,405.14	1/4	1,046.43	1/4	687.73	1/4	333.35	1/4	19.57	
1/2	1/2	4,984.70	1/2	4,626.00	1/2	4,267.30	1/2	3,908.59	1/2	3,549.89	1/2	3,191.18	1/2	2,832.48	1/2	2,473.78	1/2	2,115.07	1/2	1,756.37	1/2	1,397.66	1/2	1,038.96	1/2	680.26	1/2	326.19	1/2	15.36	
3/4	3/4	4,977.23	3/4	4,618.53	3/4	4,259.82	3/4	3,901.12	3/4	3,542.42	3/4	3,183.71	3/4	2,825.01	3/4	2,466.30	3/4	2,107.60	3/4	1,748.90	3/4	1,390.19	3/4	1,031.49	3/4	672.78	3/4	319.16	3/4		
7	7	4,969.76	7	4,611.05	7	4,252.35	7	3,893.65	7	3,534.94	7	3,176.24	7	2,817.53	7	2,458.83	7	2,100.13	7	1,741.42	7	1,382.72	7	1,024.01	7	665.31	7	312.13	7		
1/4	1/4	4,962.29	1/4	4,603.58	1/4	4,244.88	1/4	3,886.17	1/4	3,527.47	1/4	3,168.77	1/4	2,810.06	1/4	2,451.36	1/4	2,092.65	1/4	1,733.95	1/4	1,375.25	1/4	1,016.54	1/4	657.84	1/4	305.10	1/4		
1/2	1/2	4,954.81	1/2	4,596.11	1/2	4,237.40	1/2	3,878.70	1/2	3,520.00	1/2	3,161.29	1/2	2,802.59	1/2	2,443.88	1/2	2,085.18	1/2	1,726.48	1/2	1,367.77	1/2	1,009.07	1/2	650.36	1/2	298.07	1/2		
3/4	3/4	4,947.34	3/4	4,588.64	3/4	4,229.93	3/4	3,871.23	3/4	3,512.52	3/4	3,153.82	3/4	2,795.12	3/4	2,436.41	3/4	2,077.71	3/4	1,719.00	3/4	1,360.30	3/4	1,001.60	3/4	642.89	3/4	291.04	3/4		
8	8	4,939.87	8	4,581.16	8	4,222.46	8	3,863.75	8	3,505.05	8	3,146.35	8	2,787.64	8	2,428.94	8	2,070.23	8	1,711.53	8	1,352.83	8	994.12	8	635.42	8	284.01	8		
1/4	1/4	4,932.39	1/4	4,573.69	1/4	4,214.99	1/4	3,856.28	1/4	3,497.58	1/4	3,138.87	1/4	2,780.17	1/4	2,421.47	1/4	2,062.76	1/4	1,704.06	1/4	1,345.35	1/4	986.65	1/4	627.95	1/4	276.98	1/4		
1/2	1/2	4,924.92	1/2	4,566.22	1/2	4,207.51	1/2	3,848.81	1/2	3,490.10	1/2	3,131.40	1/2	2,772.70	1/2	2,413.99	1/2	2,055.29	1/2	1,696.58	1/2	1,337.88	1/2	979.18	1/2	620.47	1/2	269.94	1/2		
3/4	3/4	4,917.45	3/4	4,558.74	3/4	4,200.04	3/4	3,841.34	3/4	3,482.63	3/4	3,123.93	3/4	2,765.22	3/4	2,406.52	3/4	2,047.82	3/4	1,689.11	3/4	1,330.41	3/4	971.70	3/4	613.00	3/4	263.04	3/4		
9	9	4,909.97	9	4,551.27	9	4,192.57	9	3,833.86	9	3,475.16	9	3,116.45	9	2,757.75	9	2,399.05	9	2,040.34	9	1,681.64	9	1,322.93	9	964.23	9	605.53	9	256.13	9		
1/4	1/4	4,902.50	1/4	4,543.80	1/4	4,185.09	1/4	3,826.39	1/4	3,467.69	1/4	3,108.98	1/4	2,750.28	1/4	2,391.57	1/4														



BARGE "MPC-639" MARATHON PETROLEUM CORP.

OUTAGE TABLE

2 PORT OR STAR

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

HULL NO. 2169-12

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0	5,156.26	0	4,872.67	0	4,512.86	0	4,153.06	0	3,793.25	0	3,433.44	0	3,073.63	0	2,713.82	0	2,354.02	0	1,994.21	0	1,634.40	0	1,274.59	0	914.78	0	554.98	0	195.17		
1/4		1/4	5,155.63	1/4	4,865.18	1/4	4,505.37	1/4	4,145.56	1/4	3,785.75	1/4	3,425.94	1/4	3,066.14	1/4	2,706.33	1/4	2,346.52	1/4	1,986.71	1/4	1,626.90	1/4	1,267.10	1/4	907.29	1/4	547.48	1/4	187.67		
1/2		1/2	5,155.01	1/2	4,857.68	1/2	4,497.87	1/2	4,138.06	1/2	3,778.26	1/2	3,418.45	1/2	3,058.64	1/2	2,698.83	1/2	2,339.02	1/2	1,979.22	1/2	1,619.41	1/2	1,259.60	1/2	899.79	1/2	539.98	1/2	180.18		
3/4		3/4	5,153.13	3/4	4,850.18	3/4	4,490.38	3/4	4,130.57	3/4	3,770.76	3/4	3,410.95	3/4	3,051.14	3/4	2,691.34	3/4	2,331.53	3/4	1,971.72	3/4	1,611.91	3/4	1,252.10	3/4	892.30	3/4	532.49	3/4	172.68		
1		1	5,151.26	1	4,842.69	1	4,482.88	1	4,123.07	1	3,763.26	1	3,403.46	1	3,043.65	1	2,683.84	1	2,324.03	1	1,964.22	1	1,604.42	1	1,244.61	1	884.80	1	524.99	1	165.18		
1/4		1/4	5,149.39	1/4	4,835.19	1/4	4,475.38	1/4	4,115.58	1/4	3,755.77	1/4	3,395.96	1/4	3,036.15	1/4	2,674.03	1/4	2,316.54	1/4	1,956.73	1/4	1,596.92	1/4	1,237.11	1/4	877.30	1/4	517.50	1/4	157.69		
1/2		1/2	5,147.51	1/2	4,827.70	1/2	4,467.89	1/2	4,108.08	1/2	3,748.27	1/2	3,388.46	1/2	3,028.66	1/2	2,668.85	1/2	2,309.04	1/2	1,949.23	1/2	1,589.42	1/2	1,229.62	1/2	869.81	1/2	510.00	1/2	150.19		
3/4		3/4	5,144.39	3/4	4,820.20	3/4	4,460.39	3/4	4,100.58	3/4	3,740.78	3/4	3,380.97	3/4	3,021.16	3/4	2,661.35	3/4	2,301.54	3/4	1,941.74	3/4	1,581.93	3/4	1,222.12	3/4	862.31	3/4	502.50	3/4	142.70		
2		2	5,141.27	2	4,812.70	2	4,452.90	2	4,093.09	2	3,733.28	2	3,373.47	2	3,013.66	2	2,653.86	2	2,294.05	2	1,934.24	2	1,574.43	2	1,214.62	2	854.82	2	495.01	2	135.20		
1/4		1/4	5,138.14	1/4	4,805.21	1/4	4,445.40	1/4	4,085.59	1/4	3,725.78	1/4	3,365.97	1/4	3,006.17	1/4	2,646.36	1/4	2,286.55	1/4	1,926.74	1/4	1,566.94	1/4	1,207.13	1/4	847.32	1/4	487.51	1/4	127.70		
1/2		1/2	5,135.02	1/2	4,797.71	1/2	4,437.90	1/2	4,078.10	1/2	3,718.29	1/2	3,358.48	1/2	2,998.67	1/2	2,638.86	1/2	2,279.06	1/2	1,919.25	1/2	1,559.44	1/2	1,199.63	1/2	839.82	1/2	480.02	1/2	120.21		
3/4		3/4	5,130.65	3/4	4,790.22	3/4	4,430.41	3/4	4,070.60	3/4	3,710.79	3/4	3,350.98	3/4	2,991.18	3/4	2,631.37	3/4	2,271.56	3/4	1,911.75	3/4	1,551.94	3/4	1,192.14	3/4	832.33	3/4	472.52	3/4	112.71		
3		3	5,126.28	3	4,782.72	3	4,422.91	3	4,063.10	3	3,703.30	3	3,343.49	3	2,983.68	3	2,623.87	3	2,264.06	3	1,904.26	3	1,544.45	3	1,184.64	3	824.83	3	465.02	3	105.22		
1/4		1/4	5,121.90	1/4	4,775.22	1/4	4,415.42	1/4	4,055.61	1/4	3,695.80	1/4	3,335.99	1/4	2,976.18	1/4	2,616.38	1/4	2,256.57	1/4	1,896.77	1/4	1,536.96	1/4	1,177.14	1/4	817.34	1/4	457.53	1/4	97.72		
1/2		1/2	5,117.53	1/2	4,767.73	1/2	4,407.92	1/2	4,048.11	1/2	3,688.30	1/2	3,328.50	1/2	2,968.69	1/2	2,608.88	1/2	2,249.07	1/2	1,889.26	1/2	1,529.46	1/2	1,169.65	1/2	809.84	1/2	450.03	1/2	90.22		
3/4		3/4	5,111.91	3/4	4,760.23	3/4	4,400.42	3/4	4,040.62	3/4	3,680.81	3/4	3,321.00	3/4	2,961.19	3/4	2,601.38	3/4	2,241.58	3/4	1,881.77	3/4	1,521.96	3/4	1,162.15	3/4	802.34	3/4	442.54	3/4	82.73		
4		4	5,106.29	4	4,752.74	4	4,392.93	4	4,033.12	4	3,673.31	4	3,313.50	4	2,953.70	4	2,593.89	4	2,234.08	4	1,874.27	4	1,514.46	4	1,154.66	4	794.85	4	435.04	4	75.23		
1/4		1/4	5,100.67	1/4	4,745.24	1/4	4,385.43	1/4	4,025.62	1/4	3,665.82	1/4	3,306.01	1/4	2,946.20	1/4	2,586.39	1/4	2,226.58	1/4	1,864.78	1/4	1,504.97	1/4	1,145.16	1/4	787.35	1/4	427.54	1/4	67.74		
1/2		1/2	5,095.05	1/2	4,737.74	1/2	4,377.94	1/2	4,018.13	1/2	3,658.32	1/2	3,298.51	1/2	2,938.70	1/2	2,578.90	1/2	2,219.09	1/2	1,859.28	1/2	1,499.47	1/2	1,139.66	1/2	779.86	1/2	420.05	1/2	60.24		
3/4		3/4	5,088.18	3/4	4,730.25	3/4	4,370.44	3/4	4,010.63	3/4	3,650.82	3/4	3,291.02	3/4	2,931.21	3/4	2,571.40	3/4	2,211.59	3/4	1,851.78	3/4	1,491.98	3/4	1,132.17	3/4	772.36	3/4	412.55	3/4	53.68		
5		5	5,081.31	5	4,722.75	5	4,362.94	5	4,003.14	5	3,643.33	5	3,283.52	5	2,923.71	5	2,563.90	5	2,204.10	5	1,844.29	5	1,484.48	5	1,124.67	5	764.86	5	405.06	5	47.12		
1/4		1/4	5,074.44	1/4	4,715.26	1/4	4,355.45	1/4	3,995.64	1/4	3,635.83	1/4	3,276.02	1/4	2,916.22	1/4	2,556.41	1/4	2,196.60	1/4	1,836.79	1/4	1,476.98	1/4	1,117.18	1/4	757.37	1/4	397.56	1/4	40.57		
1/2		1/2	5,067.57	1/2	4,707.76	1/2	4,347.95	1/2	3,988.14	1/2	3,628.34	1/2	3,268.53	1/2	2,908.72	1/2	2,548.91	1/2	2,189.10	1/2	1,829.30	1/2	1,469.49	1/2	1,109.68	1/2	749.87	1/2	390.06	1/2	34.01		
3/4		3/4	5,060.07	3/4	4,700.26	3/4	4,340.46	3/4	3,980.65	3/4	3,620.84	3/4	3,261.03	3/4	2,901.22	3/4	2,541.42	3/4	2,181.61	3/4	1,821.80	3/4	1,461.99	3/4	1,102.18	3/4	742.38	3/4	382.57	3/4	29.32		
6		6	5,052.58	6	4,692.77	6	4,332.96	6	3,973.15	6	3,613.34	6	3,253.53	6	2,893.73	6	2,533.92	6	2,174.11	6	1,814.30	6	1,454.50	6	1,094.69	6	734.88	6	375.07	6	24.64		
1/4		1/4	5,045.08	1/4	4,685.27	1/4	4,325.46	1/4	3,965.65	1/4	3,605.85	1/4	3,246.04	1/4	2,886.23	1/4	2,526.42	1/4	1,806.81	1/4	1,447.00	1/4	1,087.19	1/4	727.38	1/4	367.58	1/4	19.96				
1/2		1/2	5,037.58	1/2	4,677.78	1/2	4,317.97	1/2	3,958.16	1/2	3,598.35	1/2	3,238.54	1/2	2,876.74	1/2	2,516.93	1/2	1,799.31	1/2	1,439.50	1/2	1,079.70	1/2	719.89	1/2	360.08	1/2	15.27				
3/4		3/4	5,030.09	3/4	4,670.28	3/4	4,310.47	3/4	3,950.66	3/4	3,590.86	3/4	3,231.05	3/4	2,871.24	3/4	2,511.43	3/4	2,151.62	3/4	1,791.82	3/4	1,432.01	3/4	1,072.20	3/4	712.39	3/4	352.58				
7		7	5,022.69	7	4,662.78	7	4,302.98	7	3,943.17	7	3,583.36	7	3,223.55	7	2,863.74	7	2,503.94	7	2,144.13	7	1,784.32	7	1,424.51	7	1,064.70	7	704.90	7	345.09	7			
1/4		1/4	5,015.10	1/4	4,655.29	1/4	4,295.48	1/4	3,935.67	1/4	3,575.86	1/4	3,216.06	1/4	2,856.25	1/4	2,496.44	1/4	2,136.63	1/4	1,776.82	1/4	1,417.02	1/4	1,057.21	1/4	697.40	1/4	337.59				
1/2		1/2	5,007.60	1/2	4,647.79	1/2	4,287.98	1/2	3,928.18	1/2	3,568.37	1/2	3,208.56	1/2	2,848.75	1/2	2,488.94	1/2	2,129.14	1/2	1,769.33	1/2	1,409.52	1/2	1,049.71	1/2	689.90	1/2	330.10				
3/4		3/4	5,000.10	3/4	4,640.30	3/4	4,280.49	3/4	3,920.68	3/4	3,560.87	3/4	3,201.06	3/4	2,841.26	3/4	2,481.45	3/4	2,121.64	3/4	1,761.83	3/4	1,402.02	3/4	1,042.22	3/4	682.41	3/4	322.60				
8		8	4,992.61	8	4,632.80	8	4,272.99	8	3,913.18	8	3,553.38	8	3,193.57	8	2,833.76	8	2,473.95	8	2,114.14	8	1,754.34	8	1,394.53	8	1,034.72	8	674.91	8	315.10				
1/4		1/4	4,985.11	1/4	4,625.30	1/4	4,265.50	1/4	3,905.69	1/4	3,545.88	1/4	3,186.07	1/4	2,826.26	1/4	2,466.46	1/4	2,106.65	1/4	1,746.84	1/4	1,387.03	1/4	1,027.22	1/4	667.42	1/4	307.61				
1/2		1/2	4,977.62	1/2	4,617.81	1/2	4,258.00	1/2	3,898.19	1/2	3,538.38	1/2	3,178.58	1/2	2,818.77	1/2	2,458.96	1/2	2,099.15	1/2	1,739.34	1/2	1,379.54	1/2	1,019.73	1/2							



BARGE "MPC-639" MARATHON PETROLEUM CORP.

OUTAGE TABLE

3 PORT

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

HULL NO. 2169-12

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.	
0	0	4,731.76	0	4,525.16	0	4,254.96	0	3,984.77	0	3,711.88	0	3,431.70	0	3,074.05	0	2,715.06	0	2,356.07	0	1,997.08	0	1,638.09	0	1,279.09	0	920.10	0	561.11	0	202.12	
1/4	1/4	4,731.39	1/4	4,519.53	1/4	4,249.33	1/4	3,979.14	1/4	3,706.14	1/4	3,425.57	1/4	3,066.57	1/4	2,707.58	1/4	2,348.59	1/4	1,989.60	1/4	1,630.61	1/4	1,271.61	1/4	912.62	1/4	553.63	1/4	194.64	
1/2	1/2	4,731.02	1/2	4,513.90	1/2	4,243.71	1/2	3,973.51	1/2	3,700.41	1/2	3,418.09	1/2	3,059.10	1/2	2,700.10	1/2	2,341.11	1/2	1,982.12	1/2	1,623.13	1/2	1,264.14	1/2	905.14	1/2	546.15	1/2	187.16	
3/4	3/4	4,730.65	3/4	4,508.27	3/4	4,238.08	3/4	3,967.88	3/4	3,694.67	3/4	3,410.61	3/4	3,051.62	3/4	2,692.62	3/4	2,333.63	3/4	1,974.64	3/4	1,615.65	3/4	1,256.66	3/4	897.66	3/4	538.67	3/4	179.68	
1	1	4,729.32	1	4,502.64	1	4,232.45	1	3,962.26	1	3,688.93	1	3,403.13	1	3,044.14	1	2,685.15	1	2,326.15	1	1,967.16	1	1,608.17	1	1,249.18	1	890.19	1	531.19	1	172.20	
1/4	1/4	4,728.00	1/4	4,497.01	1/4	4,226.82	1/4	3,956.63	1/4	3,683.19	1/4	3,395.65	1/4	3,036.66	1/4	2,677.67	1/4	2,318.67	1/4	1,959.68	1/4	1,600.69	1/4	1,241.70	1/4	882.71	1/4	523.71	1/4	164.72	
1/2	1/2	4,726.67	1/2	4,491.38	1/2	4,221.19	1/2	3,951.00	1/2	3,677.46	1/2	3,388.17	1/2	3,029.18	1/2	2,670.19	1/2	2,311.20	1/2	1,952.20	1/2	1,593.21	1/2	1,234.22	1/2	875.23	1/2	516.24	1/2	157.24	
3/4	3/4	4,725.34	3/4	4,485.75	3/4	4,215.56	3/4	3,945.37	3/4	3,671.72	3/4	3,380.69	3/4	3,021.70	3/4	2,662.71	3/4	2,303.72	3/4	1,944.72	3/4	1,585.73	3/4	1,226.74	3/4	867.75	3/4	508.76	3/4	149.76	
2	2	4,723.06	2	4,480.12	2	4,209.93	2	3,939.74	2	3,665.98	2	3,373.21	2	3,014.22	2	2,655.23	2	2,296.24	2	1,937.25	2	1,578.25	2	1,219.26	2	860.27	2	501.28	2	142.29	
1/4	1/4	4,720.78	1/4	4,474.49	1/4	4,204.30	1/4	3,934.11	1/4	3,660.25	1/4	3,365.73	1/4	3,006.74	1/4	2,647.75	1/4	2,288.76	1/4	1,929.77	1/4	1,570.77	1/4	1,211.78	1/4	852.79	1/4	493.80	1/4	134.81	
1/2	1/2	4,718.50	1/2	4,468.87	1/2	4,198.67	1/2	3,928.48	1/2	3,654.51	1/2	3,358.26	1/2	2,999.26	1/2	2,640.27	1/2	2,281.28	1/2	1,922.29	1/2	1,563.30	1/2	1,204.30	1/2	845.31	1/2	486.32	1/2	127.33	
3/4	3/4	4,716.22	3/4	4,463.24	3/4	4,193.04	3/4	3,922.85	3/4	3,648.77	3/4	3,350.78	3/4	2,991.78	3/4	2,632.79	3/4	2,273.80	3/4	1,914.81	3/4	1,555.82	3/4	1,196.82	3/4	837.83	3/4	478.84	3/4	119.85	
3	3	4,712.98	3	4,457.61	3	4,187.42	3	3,917.22	3	3,643.04	3	3,343.30	3	2,984.31	3	2,625.31	3	2,266.32	3	1,907.33	3	1,548.34	3	1,189.35	3	830.35	3	471.36	3	112.37	
1/4	1/4	4,709.74	1/4	4,451.98	1/4	4,181.79	1/4	3,911.59	1/4	3,637.30	1/4	3,335.82	1/4	2,976.83	1/4	2,617.83	1/4	2,258.84	1/4	1,899.85	1/4	1,540.86	1/4	1,181.87	1/4	822.87	1/4	463.88	1/4	104.89	
1/2	1/2	4,706.50	1/2	4,446.35	1/2	4,176.16	1/2	3,901.97	1/2	3,631.56	1/2	3,328.34	1/2	2,969.35	1/2	2,610.36	1/2	2,251.36	1/2	1,892.37	1/2	1,533.38	1/2	1,174.39	1/2	815.40	1/2	456.40	1/2	97.41	
3/4	3/4	4,703.26	3/4	4,440.72	3/4	4,170.53	3/4	3,900.34	3/4	3,625.82	3/4	3,320.86	3/4	2,961.87	3/4	2,602.88	3/4	2,243.88	3/4	1,884.89	3/4	1,525.90	3/4	1,166.91	3/4	807.92	3/4	448.92	3/4	89.93	
4	4	4,699.07	4	4,435.09	4	4,164.90	4	3,894.71	4	3,620.09	4	3,313.38	4	2,954.39	4	2,595.40	4	2,236.41	4	1,877.41	4	1,518.42	4	1,159.43	4	800.44	4	441.45	4	82.45	
1/4	1/4	4,694.87	1/4	4,429.46	1/4	4,159.27	1/4	3,889.08	1/4	3,614.35	1/4	3,305.90	1/4	2,946.91	1/4	2,587.92	1/4	2,228.93	1/4	1,870.93	1/4	1,510.94	1/4	1,151.95	1/4	792.96	1/4	433.97	1/4	74.97	
1/2	1/2	4,690.68	1/2	4,423.83	1/2	4,153.64	1/2	3,883.45	1/2	3,608.61	1/2	3,298.42	1/2	2,939.43	1/2	2,580.44	1/2	2,221.45	1/2	1,862.46	1/2	1,503.46	1/2	1,144.47	1/2	785.48	1/2	426.49	1/2	67.50	
3/4	3/4	4,686.48	3/4	4,418.20	3/4	4,148.01	3/4	3,877.82	3/4	3,602.88	3/4	3,290.94	3/4	2,931.95	3/4	2,572.96	3/4	2,213.97	3/4	1,854.98	3/4	1,495.98	3/4	1,136.99	3/4	778.00	3/4	419.01	3/4	60.02	
5	5	4,681.33	5	4,412.58	5	4,142.38	5	3,872.19	5	3,597.14	5	3,283.47	5	2,924.47	5	2,565.48	5	2,206.49	5	1,847.50	5	1,488.51	5	1,129.51	5	770.52	5	411.53	5	53.48	
1/4	1/4	4,676.18	1/4	4,406.95	1/4	4,136.75	1/4	3,866.56	1/4	3,591.40	1/4	3,275.99	1/4	2,916.99	1/4	2,558.00	1/4	2,199.01	1/4	1,840.02	1/4	1,481.03	1/4	1,122.03	1/4	763.04	1/4	404.05	1/4	46.95	
1/2	1/2	4,671.03	1/2	4,401.32	1/2	4,131.13	1/2	3,860.93	1/2	3,586.67	1/2	3,268.51	1/2	2,909.52	1/2	2,550.52	1/2	2,191.53	1/2	1,832.54	1/2	1,473.55	1/2	1,114.56	1/2	755.56	1/2	396.57	1/2	40.41	
3/4	3/4	4,665.88	3/4	4,395.69	3/4	4,125.50	3/4	3,855.30	3/4	3,579.93	3/4	3,261.03	3/4	2,902.04	3/4	2,543.04	3/4	2,184.05	3/4	1,825.06	3/4	1,466.07	3/4	1,107.08	3/4	748.08	3/4	389.09	3/4	33.88	
6	6	4,660.25	6	4,390.06	6	4,119.87	6	3,849.57	6	3,574.19	6	3,255.55	6	2,894.56	6	2,535.57	6	2,176.57	6	1,817.58	6	1,458.59	6	1,099.60	6	740.61	6	381.61	6	29.21	
1/4	1/4	4,654.62	1/4	4,384.43	1/4	4,114.24	1/4	3,843.83	1/4	3,568.45	1/4	3,246.07	1/4	2,886.08	1/4	2,528.09	1/4	2,169.09	1/4	1,810.10	1/4	1,451.11	1/4	1,092.12	1/4	733.13	1/4	374.13	1/4	24.55	
1/2	1/2	4,648.99	1/2	4,378.80	1/2	4,108.61	1/2	3,838.09	1/2	3,562.68	1/2	3,238.59	1/2	2,879.60	1/2	2,520.61	1/2	2,161.62	1/2	1,802.62	1/2	1,443.63	1/2	1,084.64	1/2	725.65	1/2	366.66	1/2	19.88	
3/4	3/4	4,643.36	3/4	4,373.17	3/4	4,102.98	3/4	3,832.36	3/4	3,556.91	3/4	3,231.11	3/4	2,872.12	3/4	2,513.13	3/4	2,154.14	3/4	1,795.14	3/4	1,436.15	3/4	1,077.16	3/4	718.17	3/4	359.18	3/4	15.21	
7	7	4,637.74	7	4,367.54	7	4,097.35	7	3,826.62	7	3,551.14	7	3,223.63	7	2,864.64	7	2,505.65	7	2,146.66	7	1,787.67	7	1,428.67	7	1,069.68	7	710.69	7	351.70	7	7.21	
1/4	1/4	4,632.11	1/4	4,361.91	1/4	4,091.72	1/4	3,820.88	1/4	3,545.36	1/4	3,216.15	1/4	2,857.16	1/4	2,498.17	1/4	2,139.18	1/4	1,780.19	1/4	1,421.19	1/4	1,062.20	1/4	703.21	1/4	344.22	1/4	1.22	
1/2	1/2	4,626.48	1/2	4,356.29	1/2	4,086.09	1/2	3,815.15	1/2	3,539.52	1/2	3,208.68	1/2	2,849.69	1/2	2,490.69	1/2	2,131.70	1/2	1,772.71	1/2	1,413.72	1/2	1,054.72	1/2	695.73	1/2	336.74	1/2	0.73	
3/4	3/4	4,620.85	3/4	4,350.66	3/4	4,080.46	3/4	3,809.41	3/4	3,533.67	3/4	3,201.20	3/4	2,842.20	3/4	2,483.21	3/4	2,124.22	3/4	1,765.23	3/4	1,406.24	3/4	1,047.24	3/4	688.25	3/4	329.26	3/4	0.24	
8	8	4,615.22	8	4,345.03	8	4,074.84	8	3,803.67	8	3,527.83	8	3,193.72	8	2,834.73	8	2,475.73	8	2,116.74	8	1,757.75	8	1,398.76	8	1,039.77	8	680.77	8	321.78	8	0.74	
1/4	1/4	4,609.59	1/4	4,339.40	1/4	4,069.21	1/4	3,797.93	1/4	3,521.98	1/4	3,186.24	1/4	2,827.25	1/4	2,468.25	1/4	2,109.26	1/4	1,750.27	1/4	1,391.28	1/4	1,032.29	1/4	673.29	1/4	314.30	1/4	0.25	
1/2	1/2	4,603.96	1/2	4,333.77	1/2	4,063.58	1/2	3,792.20	1/2	3,516.06	1/2	3,178.76	1/2	2,819.77	1/2	2,460.78	1/2	2,101.78	1/2	1,742.79	1/2	1,383.80	1/2	1,024.81	1/2	665.82	1/2	306.82	1/2	0.75	
3/4	3/4	4,598.33	3/4	4,328.14	3/4	4,057.95	3/4	3,786.46	3/4	3,510.15	3/4	3,171.28	3/4	2,812.29	3/4	2,453.30	3/4	2,094.30	3/4	1,735.31	3/4	1,376.32	3/4	1,017.33	3/4	658.34	3/4	299.34	3/4	0.76	
9	9	4,592.70	9	4,322.51	9	4,052.32	9	3,780.72	9	3,504.23	9	3,163.80	9	2,804.81	9	2,445.82	9	2,086.83	9	1,727.83	9	1,368.84	9	1,009.85	9	650.86	9	291.87	9	0.77	
1/4	1/4	4,587.07	1/4	4,316.88	1/4	4,046.69																									



BARGE "MPC-639" MARATHON PETROLEUM CORP.

OUTAGE TABLE

3 STAR

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

HULL NO. 2169-12

IN	0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.	
		IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	
0		0	4,731.39	0	4,519.53	0	4,249.33	0	3,979.14	0	3,706.14	0	3,425.57	0	3,066.57	0	2,707.58	0	2,348.59	0	1,989.60	0	1,630.61	0	1,271.61	0	912.62	0	553.63	0	194.64	
1/4	1/4	4,731.02	1/4	4,513.90	1/4	4,243.71	1/4	3,973.51	1/4	3,700.41	1/4	3,418.09	1/4	3,059.10	1/4	2,700.10	1/4	2,341.11	1/4	1,982.12	1/4	1,623.13	1/4	1,264.14	1/4	905.14	1/4	546.15	1/4	187.16		
1/2	1/2	4,730.65	1/2	4,508.27	1/2	4,238.08	1/2	3,967.88	1/2	3,694.67	1/2	3,410.61	1/2	3,051.62	1/2	2,692.62	1/2	2,333.63	1/2	1,974.64	1/2	1,615.65	1/2	1,256.66	1/2	897.66	1/2	538.67	1/2	179.88		
3/4	3/4	4,729.32	3/4	4,502.64	3/4	4,232.45	3/4	3,962.26	3/4	3,688.93	3/4	3,403.13	3/4	3,044.14	3/4	2,685.15	3/4	2,326.15	3/4	1,967.16	3/4	1,608.17	3/4	1,249.18	3/4	890.19	3/4	531.19	3/4	172.20		
1	1	4,728.00	1	4,497.01	1	4,226.82	1	3,956.63	1	3,683.19	1	3,395.65	1	2,977.67	1	2,617.67	1	2,257.67	1	1,897.68	1	1,537.69	1	1,177.70	1	817.71	1	457.72	1	147.73		
1/4	1/4	4,726.67	1/4	4,491.38	1/4	4,221.19	1/4	3,951.00	1/4	3,677.46	1/4	3,388.17	1/4	3,029.18	1/4	2,670.19	1/4	2,311.20	1/4	1,952.21	1/4	1,593.22	1/4	1,234.23	1/4	875.23	1/4	516.24	1/4	157.24		
1/2	1/2	4,725.34	1/2	4,485.75	1/2	4,215.56	1/2	3,945.37	1/2	3,671.72	1/2	3,380.69	1/2	3,021.70	1/2	2,662.71	1/2	2,303.72	1/2	1,944.73	1/2	1,585.73	1/2	1,226.74	1/2	867.75	1/2	508.76	1/2	149.76		
3/4	3/4	4,723.06	3/4	4,480.12	3/4	4,209.93	3/4	3,939.74	3/4	3,665.98	3/4	3,373.21	3/4	3,014.22	3/4	2,655.23	3/4	2,296.24	3/4	1,937.25	3/4	1,578.25	3/4	1,219.26	3/4	860.27	3/4	501.28	3/4	142.29		
2	2	4,720.78	2	4,474.49	2	4,204.30	2	3,934.11	2	3,660.25	2	3,365.73	2	3,006.74	2	2,647.75	2	2,288.76	2	1,929.77	2	1,570.77	2	1,211.78	2	852.79	2	493.80	2	134.81		
1/4	1/4	4,718.50	1/4	4,468.87	1/4	4,198.67	1/4	3,928.48	1/4	3,654.51	1/4	3,358.26	1/4	2,999.26	1/4	2,640.27	1/4	2,281.28	1/4	1,922.29	1/4	1,563.30	1/4	1,204.30	1/4	845.31	1/4	486.32	1/4	127.33		
1/2	1/2	4,716.22	1/2	4,463.24	1/2	4,193.04	1/2	3,922.85	1/2	3,648.77	1/2	3,350.78	1/2	2,991.78	1/2	2,632.79	1/2	2,273.80	1/2	1,914.81	1/2	1,555.82	1/2	1,196.82	1/2	837.83	1/2	478.84	1/2	119.85		
3/4	3/4	4,712.98	3/4	4,457.61	3/4	4,187.42	3/4	3,917.22	3/4	3,643.04	3/4	3,343.30	3/4	2,984.31	3/4	2,625.31	3/4	2,266.32	3/4	1,907.33	3/4	1,548.34	3/4	1,189.35	3/4	830.35	3/4	471.36	3/4	112.37		
3	3	4,709.74	3	4,451.98	3	4,181.79	3	3,911.59	3	3,637.30	3	3,335.82	3	2,976.83	3	2,617.83	3	2,258.84	3	1,899.85	3	1,540.86	3	1,181.87	3	822.87	3	463.88	3	104.89		
1/4	1/4	4,706.50	1/4	4,446.35	1/4	4,176.16	1/4	3,905.97	1/4	3,631.56	1/4	3,328.34	1/4	2,969.35	1/4	2,610.36	1/4	2,251.36	1/4	1,892.37	1/4	1,533.38	1/4	1,174.39	1/4	815.40	1/4	456.40	1/4	97.41		
1/2	1/2	4,703.26	1/2	4,440.72	1/2	4,170.53	1/2	3,900.34	1/2	3,625.82	1/2	3,320.86	1/2	2,961.87	1/2	2,602.88	1/2	2,243.88	1/2	1,884.89	1/2	1,525.90	1/2	1,166.91	1/2	807.92	1/2	448.92	1/2	89.93		
3/4	3/4	4,699.07	3/4	4,435.09	3/4	4,164.90	3/4	3,894.71	3/4	3,620.09	3/4	3,313.38	3/4	2,954.39	3/4	2,595.40	3/4	2,236.41	3/4	1,877.41	3/4	1,518.42	3/4	1,159.43	3/4	800.44	3/4	441.45	3/4	82.45		
4	4	4,694.87	4	4,429.46	4	4,159.27	4	3,889.08	4	3,614.35	4	3,305.90	4	2,946.91	4	2,587.92	4	2,228.93	4	1,869.93	4	1,510.94	4	1,151.95	4	792.96	4	433.97	4	74.97		
1/4	1/4	4,690.68	1/4	4,423.83	1/4	4,153.64	1/4	3,883.45	1/4	3,608.61	1/4	3,298.42	1/4	2,939.43	1/4	2,580.44	1/4	2,221.45	1/4	1,862.46	1/4	1,503.46	1/4	1,144.47	1/4	785.48	1/4	426.49	1/4	67.50		
1/2	1/2	4,686.48	1/2	4,418.20	1/2	4,148.01	1/2	3,877.82	1/2	3,602.88	1/2	3,290.94	1/2	2,931.95	1/2	2,572.96	1/2	2,213.97	1/2	1,854.98	1/2	1,495.98	1/2	1,136.99	1/2	778.00	1/2	419.01	1/2	60.02		
3/4	3/4	4,681.33	3/4	4,412.58	3/4	4,142.38	3/4	3,872.19	3/4	3,597.14	3/4	3,283.47	3/4	2,924.47	3/4	2,565.48	3/4	2,206.49	3/4	1,847.50	3/4	1,488.51	3/4	1,129.51	3/4	770.52	3/4	411.53	3/4	53.48		
5	5	4,676.18	5	4,406.95	5	4,136.75	5	3,866.56	5	3,591.40	5	3,275.99	5	2,916.99	5	2,558.00	5	2,199.01	5	1,840.02	5	1,481.03	5	1,122.03	5	763.04	5	404.05	5	46.95		
1/4	1/4	4,671.03	1/4	4,401.32	1/4	4,131.13	1/4	3,860.93	1/4	3,585.67	1/4	3,268.51	1/4	2,909.52	1/4	2,550.52	1/4	2,191.53	1/4	1,832.54	1/4	1,473.55	1/4	1,114.56	1/4	755.56	1/4	396.57	1/4	40.41		
1/2	1/2	4,665.88	1/2	4,395.69	1/2	4,125.50	1/2	3,855.30	1/2	3,579.93	1/2	3,261.03	1/2	2,902.04	1/2	2,543.04	1/2	2,184.05	1/2	1,825.06	1/2	1,466.07	1/2	1,107.08	1/2	748.08	1/2	389.09	1/2	33.88		
3/4	3/4	4,660.25	3/4	4,390.06	3/4	4,119.87	3/4	3,849.57	3/4	3,574.19	3/4	3,253.55	3/4	2,894.56	3/4	2,535.57	3/4	2,176.57	3/4	1,817.58	3/4	1,458.59	3/4	1,099.60	3/4	740.61	3/4	381.61	3/4	29.21		
6	6	4,654.62	6	4,384.43	6	4,114.24	6	3,843.83	6	3,568.45	6	3,246.07	6	2,887.08	6	2,528.09	6	2,169.09	6	1,810.10	6	1,451.11	6	1,092.12	6	733.13	6	374.13	6	24.55		
1/4	1/4	4,648.99	1/4	4,378.80	1/4	4,108.61	1/4	3,838.09	1/4	3,562.68	1/4	3,238.59	1/4	2,879.60	1/4	2,520.61	1/4	2,161.62	1/4	1,802.62	1/4	1,443.63	1/4	1,084.64	1/4	725.65	1/4	366.66	1/4	19.88		
1/2	1/2	4,643.36	1/2	4,373.17	1/2	4,102.98	1/2	3,832.36	1/2	3,556.91	1/2	3,231.11	1/2	2,872.12	1/2	2,513.13	1/2	2,154.14	1/2	1,795.14	1/2	1,436.15	1/2	1,077.16	1/2	718.17	1/2	359.18	1/2	* 15.21		
3/4	3/4	4,637.74	3/4	4,367.54	3/4	4,097.35	3/4	3,826.62	3/4	3,551.14	3/4	3,223.63	3/4	2,864.64	3/4	2,505.65	3/4	2,146.66	3/4	1,787.67	3/4	1,428.67	3/4	1,069.68	3/4	710.69	3/4	351.70	3/4			
7	7	4,632.11	7	4,361.91	7	4,091.72	7	3,820.88	7	3,545.36	7	3,216.15	7	2,857.16	7	2,498.17	7	2,139.18	7	1,780.19	7	1,421.19	7	1,062.20	7	703.21	7	344.22	7			
1/4	1/4	4,626.48	1/4	4,356.29	1/4	4,086.09	1/4	3,815.15	1/4	3,539.52	1/4	3,208.68	1/4	2,849.68	1/4	2,490.69	1/4	2,131.70	1/4	1,772.71	1/4	1,413.72	1/4	1,054.72	1/4	695.73	1/4	336.74	1/4			
1/2	1/2	4,620.85	1/2	4,350.66	1/2	4,080.46	1/2	3,809.41	1/2	3,533.67	1/2	3,201.20	1/2	2,842.20	1/2	2,483.21	1/2	2,124.22	1/2	1,765.23	1/2	1,406.24	1/2	1,047.24	1/2	688.25	1/2	329.26	1/2			
3/4	3/4	4,615.22	3/4	4,345.03	3/4	4,074.84	3/4	3,803.67	3/4	3,527.83	3/4	3,193.72	3/4	2,834.73	3/4	2,475.73	3/4	2,116.74	3/4	1,757.75	3/4	1,398.76	3/4	1,039.77	3/4	680.77	3/4	321.78	3/4			
8	8	4,609.59	8	4,339.40	8	4,069.21	8	3,797.93	8	3,521.98	8	3,186.24	8	2,827.25	8	2,468.25	8	2,109.26	8	1,750.27	8	1,391.28	8	1,032.29	8	673.29	8	314.30	8			
1/4	1/4	4,603.96	1/4	4,333.77	1/4	4,063.58	1/4	3,792.20	1/4	3,516.06	1/4	3,178.																				



BARGE "MPC-639"

MARATHON PETROLEUM CORP.

HULL NO. 2169-12

CORRECTION TABLE FOR TRIM AFT.

FOR OUTAGE GAUGES ONLY

TRIM	TANKS NO. 1 PORT OR STAR.	TANKS NO. 2 PORT OR STAR.	TANKS NO. 3 PORT OR STAR.
0'-6"	(+) 0' - 0 1/8"	(+) 0' - 0 1/8"	NIL
1'-0"	(+) 0' - 0 1/4"	(+) 0' - 0 1/4"	NIL
1'-6"	(+) 0' - 0 3/8"	(+) 0' - 0 3/8"	NIL
2'-0"	(+) 0' - 0 1/2"	(+) 0' - 0 1/2"	NIL
2'-6"	(+) 0' - 0 5/8"	(+) 0' - 0 5/8"	NIL
3'-0"	(+) 0' - 0 3/4"	(+) 0' - 0 3/4"	NIL
3'-6"	(+) 0' - 1"	(+) 0' - 1"	NIL
4'-0"	(+) 0' - 1 1/8"	(+) 0' - 1 1/8"	NIL
4'-6"	(+) 0' - 1 1/4"	(+) 0' - 1 1/4"	NIL
5'-0"	(+) 0' - 1 3/8"	(+) 0' - 1 3/8"	NIL

NOTE: FOR TRIM FWD., REVERSE SIGNS.

NOTE: IF LIQUID SURFACE TOUCHES TANK BOTTOM OR DECK WHEN GAUGED, TRIM CORRECTIONS ARE NOT ACCURATE.

NOTE: FOR "INNAGE" GAUGES, REVERSE SIGNS.

DATE: 6/30/08

BY:

INSPECTORATE AMERICA CORPORATION