

# BARGE "MPC-642" MARATHON PETROLEUM CORP.

## OUTAGE TABLE

## 1 PORT OR STAR



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

HULL NO. 2169-15

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	5,093.89	0	4,811.63	0	4,453.64	0	4,095.66	0	3,737.68	0	3,379.69	0	3,021.71	0	2,663.72	0	2,305.74	0	1,947.76	0	1,589.77	0	1,231.79	0	873.80	0	515.82	0	174.00		
1/4	1/4	1/4	5,093.27	1/4	4,804.17	1/4	4,446.19	1/4	4,088.20	1/4	3,730.22	1/4	3,372.23	1/4	3,014.25	1/4	2,656.27	1/4	2,298.28	1/4	1,940.30	1/4	1,582.31	1/4	1,224.33	1/4	866.35	1/4	508.36	1/4	167.21		
1/2	1/2	1/2	5,092.65	1/2	4,796.71	1/2	4,438.73	1/2	4,080.74	1/2	3,722.76	1/2	3,364.78	1/2	3,006.79	1/2	2,648.81	1/2	2,290.82	1/2	1,932.84	1/2	1,574.86	1/2	1,216.87	1/2	858.89	1/2	500.90	1/2	160.43		
3/4	3/4	3/4	5,090.78	3/4	4,789.25	3/4	4,431.27	3/4	4,073.29	3/4	3,715.30	3/4	3,357.32	3/4	2,999.33	3/4	2,641.35	3/4	2,283.37	3/4	1,925.38	3/4	1,567.40	3/4	1,209.41	3/4	851.43	3/4	493.50	3/4	153.77		
1		1	5,088.91	1	4,781.80	1	4,423.81	1	4,065.83	1	3,707.84	1	3,349.86	1	2,991.88	1	2,633.89	1	2,275.91	1	1,917.92	1	1,559.94	1	1,201.96	1	843.97	1	486.10	1	147.12		
1/4	1/4	1/4	5,087.05	1/4	4,774.34	1/4	4,416.35	1/4	4,058.37	1/4	3,700.39	1/4	3,342.40	1/4	2,984.42	1/4	2,626.43	1/4	2,268.45	1/4	1,910.47	1/4	1,552.48	1/4	1,194.50	1/4	836.51	1/4	478.69	1/4	140.46		
1/2	1/2	1/2	5,085.18	1/2	4,766.88	1/2	4,408.90	1/2	4,050.91	1/2	3,692.93	1/2	3,334.94	1/2	2,976.96	1/2	2,618.98	1/2	2,260.99	1/2	1,903.01	1/2	1,545.02	1/2	1,187.04	1/2	829.06	1/2	471.29	1/2	133.80		
3/4	3/4	3/4	5,082.07	3/4	4,759.42	3/4	4,401.44	3/4	4,043.45	3/4	3,685.47	3/4	3,327.49	3/4	2,969.50	3/4	2,611.52	3/4	2,253.53	3/4	1,895.55	3/4	1,537.57	3/4	1,179.58	3/4	821.60	3/4	463.88	3/4	127.14		
2		2	5,078.96	2	4,751.96	2	4,393.98	2	4,036.00	2	3,678.01	2	3,320.03	2	2,962.04	2	2,604.06	2	2,246.08	2	1,888.09	2	1,530.11	2	1,172.12	2	814.14	2	456.48	2	120.48		
1/4	1/4	1/4	5,075.85	1/4	4,744.51	1/4	4,386.52	1/4	4,028.54	1/4	3,670.55	1/4	3,312.57	1/4	2,954.59	1/4	2,596.60	1/4	2,238.62	1/4	1,880.63	1/4	1,522.65	1/4	1,164.67	1/4	806.68	1/4	449.08	1/4	113.83		
1/2	1/2	1/2	5,072.74	1/2	4,737.05	1/2	4,379.06	1/2	4,021.08	1/2	3,663.10	1/2	3,305.11	1/2	2,947.13	1/2	2,589.14	1/2	2,231.16	1/2	1,873.18	1/2	1,515.19	1/2	1,157.21	1/2	799.22	1/2	441.67	1/2	107.17		
3/4	3/4	3/4	5,068.38	3/4	4,729.59	3/4	4,371.61	3/4	4,013.62	3/4	3,655.64	3/4	3,297.65	3/4	2,939.67	3/4	2,581.69	3/4	2,223.70	3/4	1,865.72	3/4	1,507.73	3/4	1,149.75	3/4	791.77	3/4	434.39	3/4	100.64		
3		3	5,064.02	3	4,722.13	3	4,364.15	3	4,006.16	3	3,648.18	3	3,290.20	3	2,932.21	3	2,574.23	3	2,216.24	3	1,858.26	3	1,500.28	3	1,142.29	3	784.31	3	427.11	3	94.10		
1/4	1/4	1/4	5,059.67	1/4	4,714.67	1/4	4,356.69	1/4	3,998.71	1/4	3,640.72	1/4	3,282.74	1/4	2,924.75	1/4	2,566.77	1/4	2,208.79	1/4	1,850.80	1/4	1,492.82	1/4	1,134.83	1/4	776.85	1/4	419.83	1/4	87.67		
1/2	1/2	1/2	5,055.31	1/2	4,707.22	1/2	4,349.23	1/2	3,991.25	1/2	3,633.26	1/2	3,275.28	1/2	2,917.30	1/2	2,559.31	1/2	2,201.33	1/2	1,843.34	1/2	1,485.36	1/2	1,127.38	1/2	769.39	1/2	412.55	1/2	81.04		
3/4	3/4	3/4	5,049.71	3/4	4,699.76	3/4	4,341.77	3/4	3,983.79	3/4	3,625.81	3/4	3,267.82	3/4	2,909.84	3/4	2,551.85	3/4	2,193.87	3/4	1,835.89	3/4	1,477.90	3/4	1,119.92	3/4	761.93	3/4	405.27	3/4	74.50		
4		4	5,044.11	4	4,692.30	4	4,334.32	4	3,976.33	4	3,618.35	4	3,260.36	4	2,902.38	4	2,544.40	4	2,186.41	4	1,828.43	4	1,470.44	4	1,112.46	4	754.48	4	397.99	4	67.97		
1/4	1/4	1/4	5,038.51	1/4	4,684.84	1/4	4,326.86	1/4	3,968.87	1/4	3,610.89	1/4	3,252.91	1/4	2,894.92	1/4	2,536.94	1/4	2,180.95	1/4	1,822.97	1/4	1,464.99	1/4	1,105.00	1/4	747.02	1/4	390.71	1/4	61.44		
1/2	1/2	1/2	5,032.91	1/2	4,677.38	1/2	4,319.40	1/2	3,961.42	1/2	3,603.43	1/2	3,245.45	1/2	2,887.46	1/2	2,529.48	1/2	2,171.50	1/2	1,813.51	1/2	1,455.53	1/2	1,097.54	1/2	739.56	1/2	383.43	1/2	54.90		
3/4	3/4	3/4	5,026.07	3/4	4,669.93	3/4	4,311.94	3/4	3,953.96	3/4	3,595.97	3/4	3,237.99	3/4	2,880.01	3/4	2,522.02	3/4	2,164.04	3/4	1,806.05	3/4	1,448.07	3/4	1,090.09	3/4	732.10	3/4	376.28	3/4	49.23		
5		5	5,019.22	5	4,662.47	5	4,304.48	5	3,946.50	5	3,588.52	5	3,230.53	5	2,872.55	5	2,514.56	5	2,156.58	5	1,798.60	5	1,440.61	5	1,082.63	5	724.64	5	369.12	5	43.55		
1/4	1/4	1/4	5,012.38	1/4	4,655.01	1/4	4,297.03	1/4	3,939.04	1/4	3,581.06	1/4	3,223.07	1/4	2,865.09	1/4	2,507.11	1/4	2,149.12	1/4	1,791.14	1/4	1,433.15	1/4	1,075.17	1/4	717.19	1/4	361.97	1/4	37.88		
1/2	1/2	1/2	5,005.54	1/2	4,647.55	1/2	4,289.57	1/2	3,931.58	1/2	3,573.60	1/2	3,215.62	1/2	2,857.63	1/2	2,499.65	1/2	2,141.66	1/2	1,783.68	1/2	1,425.70	1/2	1,067.71	1/2	709.73	1/2	354.81	1/2	32.20		
3/4	3/4	3/4	4,998.08	3/4	4,640.09	3/4	4,282.11	3/4	3,924.13	3/4	3,566.14	3/4	3,208.16	3/4	2,850.17	3/4	2,492.19	3/4	2,134.21	3/4	1,776.22	3/4	1,418.24	3/4	1,060.25	3/4	702.27	3/4	347.66	3/4	27.99		
6		6	4,990.62	6	4,632.64	6	4,274.65	6	3,916.67	6	3,558.68	6	3,200.70	6	2,842.72	6	2,484.73	6	2,126.75	6	1,768.76	6	1,410.78	6	1,052.80	6	694.81	6	340.50	6	23.78		
1/4	1/4	1/4	4,983.16	1/4	4,625.18	1/4	4,267.19	1/4	3,909.21	1/4	3,551.23	1/4	3,193.24	1/4	2,835.26	1/4	2,477.27	1/4	2,119.29	1/4	1,761.31	1/4	1,403.32	1/4	1,045.34	1/4	687.35	1/4	333.35	1/4	19.57		
1/2	1/2	1/2	4,975.70	1/2	4,617.72	1/2	4,259.74	1/2	3,901.75	1/2	3,543.77	1/2	3,185.78	1/2	2,827.80	1/2	2,469.82	1/2	2,111.83	1/2	1,753.85	1/2	1,395.86	1/2	1,037.88	1/2	679.90	1/2	326.19	1/2	15.36		
3/4	3/4	3/4	4,968.25	3/4	4,610.26	3/4	4,252.28	3/4	3,894.29	3/4	3,536.31	3/4	3,178.33	3/4	2,820.34	3/4	2,462.36	3/4	2,104.37	3/4	1,746.39	3/4	1,388.41	3/4	1,030.42	3/4	672.44	3/4	319.16	3/4			
7		7	4,960.79	7	4,602.80	7	4,244.82	7	3,886.84	7	3,528.85	7	3,170.87	7	2,812.88	7	2,454.90	7	2,096.92	7	1,738.93	7	1,380.95	7	1,022.96	7	664.98	7	312.13	7			
1/4	1/4	1/4	4,953.33	1/4	4,595.35	1/4	4,237.36	1/4	3,879.38	1/4	3,521.39	1/4	3,163.41	1/4	2,805.43	1/4	2,447.44	1/4	2,089.46	1/4	1,731.47	1/4	1,373.49	1/4	1,015.51	1/4	657.52	1/4	305.10				
1/2	1/2	1/2	4,945.87	1/2	4,587.89	1/2	4,229.90	1/2	3,871.92	1/2	3,513.94	1/2	3,155.95	1/2	2,797.97	1/2	2,439.98	1/2	2,082.00	1/2	1,724.02	1/2	1,366.03	1/2	1,008.05	1/2	650.06	1/2	298.07				
3/4	3/4	3/4	4,938.41	3/4	4,580.43	3/4	4,222.45	3/4	3,864.46	3/4	3,506.48	3/4	3,148.49	3/4	2,790.51	3/4	2,432.53	3/4	2,074.54	3/4	1,716.56	3/4	1,358.57	3/4	1,000.59	3/4	642.61	3/4	291.04				
8		8	4,930.96	8	4,572.97	8	4,214.99	8	3,857.00	8	3,499.02	8	3,141.04	8	2,783.05	8	2,425.07	8	2,067.08	8	1,709.10	8	1,351.12	8	993.13	8	635.15	8	284.01				
1/4	1/4	1/4	4,923.50	1/4	4,565.51	1/4	4,207.53	1/4	3,849.55	1/4	3,491.56	1/4	3,133.58	1/4	2,775.59	1/4	2,417.61	1/4	2,059.63	1/4	1,701.64	1/4	1,343.66	1/4	985.67	1/4	627.69	1/4	276.98				
1/2	1/2	1/2	4,916.04	1/2	4,558.06	1/2	4,200.07	1/2	3,842.09	1/2	3,484.10	1/2																					

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## OUTAGE TABLE

## 2 PORT OR STAR



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

HULL NO. 2169-15

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	5,160.27	0	4,876.52	0	4,516.43	0	4,156.33	0	3,796.24	0	3,436.14	0	3,076.04	0	2,715.95	0	2,355.85	0	1,995.76	0	1,635.66	0	1,275.56	0	915.47	0	555.37	0	195.28		
1/4	1/4	1/4	5,159.64	1/4	4,869.02	1/4	4,508.93	1/4	4,148.83	1/4	3,788.73	1/4	3,428.64	1/4	3,068.54	1/4	2,708.45	1/4	2,348.35	1/4	1,988.25	1/4	1,628.16	1/4	1,268.06	1/4	907.97	1/4	547.87	1/4	187.77		
1/2	1/2	1/2	5,159.02	1/2	4,861.52	1/2	4,501.42	1/2	4,141.33	1/2	3,781.23	1/2	3,421.14	1/2	3,061.04	1/2	2,700.94	1/2	2,340.85	1/2	1,980.75	1/2	1,620.66	1/2	1,260.56	1/2	900.46	1/2	540.37	1/2	180.27		
3/4	3/4	3/4	5,157.14	3/4	4,854.02	3/4	4,493.92	3/4	4,133.83	3/4	3,773.73	3/4	3,413.63	3/4	3,053.54	3/4	2,693.44	3/4	2,333.35	3/4	1,973.25	3/4	1,613.15	3/4	1,253.06	3/4	892.96	3/4	532.87	3/4	172.77		
1		1	5,155.27	1	4,846.52	1	4,486.42	1	4,126.32	1	3,766.23	1	3,406.13	1	3,046.04	1	2,685.94	1	2,325.84	1	1,965.75	1	1,605.65	1	1,245.56	1	885.46	1	525.36	1	165.27		
1/4	1/4	1/4	5,153.39	1/4	4,839.01	1/4	4,478.92	1/4	4,118.82	1/4	3,756.13	1/4	3,396.03	1/4	3,035.93	1/4	2,674.84	1/4	2,314.74	1/4	1,954.65	1/4	1,594.55	1/4	1,234.46	1/4	873.36	1/4	513.26	1/4	153.17		
1/2	1/2	1/2	5,151.52	1/2	4,831.51	1/2	4,471.42	1/2	4,111.32	1/2	3,751.22	1/2	3,391.13	1/2	3,031.03	1/2	2,672.94	1/2	2,312.84	1/2	1,952.74	1/2	1,592.65	1/2	1,232.56	1/2	871.26	1/2	511.16	1/2	151.07		
3/4	3/4	3/4	5,148.40	3/4	4,824.01	3/4	4,463.91	3/4	4,103.82	3/4	3,743.72	3/4	3,383.63	3/4	3,023.53	3/4	2,663.43	3/4	2,303.34	3/4	1,943.24	3/4	1,583.15	3/4	1,223.05	3/4	869.15	3/4	509.16	3/4	147.76		
2		2	5,145.27	2	4,816.51	2	4,456.41	2	4,096.32	2	3,736.22	2	3,376.12	2	3,016.03	2	2,655.93	2	2,295.84	2	1,935.74	2	1,575.64	2	1,215.55	2	855.45	2	495.36	2	135.26		
1/4	1/4	1/4	5,142.15	1/4	4,809.01	1/4	4,448.91	1/4	4,088.81	1/4	3,728.72	1/4	3,368.62	1/4	3,008.53	1/4	2,648.43	1/4	2,288.33	1/4	1,928.24	1/4	1,568.14	1/4	1,208.05	1/4	845.35	1/4	485.26	1/4	125.16		
1/2	1/2	1/2	5,139.03	1/2	4,801.50	1/2	4,441.41	1/2	4,081.31	1/2	3,721.22	1/2	3,361.12	1/2	3,001.02	1/2	2,646.93	1/2	2,286.83	1/2	1,926.74	1/2	1,566.64	1/2	1,206.54	1/2	843.45	1/2	483.36	1/2	123.06		
3/4	3/4	3/4	5,134.66	3/4	4,794.00	3/4	4,433.91	3/4	4,073.81	3/4	3,713.71	3/4	3,353.62	3/4	2,993.52	3/4	2,633.43	3/4	2,273.33	3/4	1,913.23	3/4	1,553.14	3/4	1,193.04	3/4	832.95	3/4	473.26	3/4	117.75		
3		3	5,130.28	3	4,786.50	3	4,426.40	3	4,066.31	3	3,706.21	3	3,346.12	3	2,986.02	3	2,625.92	3	2,265.83	3	1,905.73	3	1,545.64	3	1,185.54	3	825.44	3	465.35	3	105.25		
1/4	1/4	1/4	5,125.91	1/4	4,779.00	1/4	4,418.90	1/4	4,058.81	1/4	3,698.71	1/4	3,338.61	1/4	2,978.52	1/4	2,618.42	1/4	2,258.33	1/4	1,898.23	1/4	1,538.13	1/4	1,178.04	1/4	817.94	1/4	457.85	1/4	97.75		
1/2	1/2	1/2	5,121.54	1/2	4,771.50	1/2	4,411.40	1/2	4,051.30	1/2	3,691.21	1/2	3,331.11	1/2	2,971.02	1/2	2,610.92	1/2	2,250.82	1/2	1,890.73	1/2	1,530.63	1/2	1,170.54	1/2	815.84	1/2	455.75	1/2	95.25		
3/4	3/4	3/4	5,115.92	3/4	4,763.99	3/4	4,403.90	3/4	4,043.80	3/4	3,683.71	3/4	3,323.61	3/4	2,963.51	3/4	2,603.42	3/4	2,243.32	3/4	1,883.23	3/4	1,523.13	3/4	1,163.03	3/4	802.94	3/4	442.84	3/4	82.75		
4		4	5,110.30	4	4,756.49	4	4,396.40	4	4,036.30	4	3,676.20	4	3,316.11	4	2,956.01	4	2,595.92	4	2,235.82	4	1,875.72	4	1,515.63	4	1,155.53	4	795.44	4	435.34	4	75.24		
1/4	1/4	1/4	5,104.68	1/4	4,748.99	1/4	4,388.89	1/4	4,028.80	1/4	3,668.70	1/4	3,308.61	1/4	2,948.51	1/4	2,588.41	1/4	2,228.32	1/4	1,868.22	1/4	1,508.13	1/4	1,148.03	1/4	787.93	1/4	427.84	1/4	67.74		
1/2	1/2	1/2	5,099.06	1/2	4,741.49	1/2	4,381.39	1/2	4,021.30	1/2	3,661.20	1/2	3,301.10	1/2	2,941.01	1/2	2,580.91	1/2	2,220.82	1/2	1,860.72	1/2	1,500.62	1/2	1,140.53	1/2	786.03	1/2	425.94	1/2	65.24		
3/4	3/4	3/4	5,092.19	3/4	4,733.99	3/4	4,373.89	3/4	4,013.79	3/4	3,653.70	3/4	3,293.60	3/4	2,933.51	3/4	2,573.41	3/4	2,213.31	3/4	1,853.22	3/4	1,493.12	3/4	1,133.03	3/4	772.93	3/4	412.83	3/4	53.66		
5		5	5,085.32	5	4,726.48	5	4,366.39	5	4,006.29	5	3,646.20	5	3,286.10	5	2,926.00	5	2,565.91	5	2,205.81	5	1,845.72	5	1,485.62	5	1,125.52	5	765.43	5	405.33	5	47.12		
1/4	1/4	1/4	5,078.45	1/4	4,718.98	1/4	4,358.89	1/4	3,998.79	1/4	3,638.69	1/4	3,278.59	1/4	2,918.50	1/4	2,558.41	1/4	2,198.31	1/4	1,838.21	1/4	1,478.12	1/4	1,118.02	1/4	757.93	1/4	397.83	1/4	40.57		
1/2	1/2	1/2	5,071.58	1/2	4,711.48	1/2	4,351.38	1/2	3,991.29	1/2	3,631.19	1/2	3,271.10	1/2	2,911.00	1/2	2,550.90	1/2	2,190.81	1/2	1,830.71	1/2	1,470.62	1/2	1,110.52	1/2	756.02	1/2	395.93	1/2	34.01		
3/4	3/4	3/4	5,064.07	3/4	4,703.98	3/4	4,343.88	3/4	3,983.79	3/4	3,623.69	3/4	3,263.59	3/4	2,903.50	3/4	2,543.40	3/4	2,183.31	3/4	1,823.21	3/4	1,463.11	3/4	1,103.02	3/4	742.92	3/4	382.83	3/4	29.32		
6		6	5,056.57	6	4,696.48	6	4,336.38	6	3,976.28	6	3,616.19	6	3,256.09	6	2,896.00	6	2,535.90	6	2,175.80	6	1,815.71	6	1,455.61	6	1,095.52	6	735.42	6	375.32	6	24.64		
1/4	1/4	1/4	5,049.07	1/4	4,688.97	1/4	4,328.88	1/4	3,968.78	1/4	3,608.69	1/4	3,248.59	1/4	2,888.49	1/4	2,528.40	1/4	2,168.30	1/4	1,808.21	1/4	1,448.11	1/4	1,088.01	1/4	727.92	1/4	367.82	1/4	19.96		
1/2	1/2	1/2	5,041.57	1/2	4,681.47	1/2	4,321.38	1/2	3,961.28	1/2	3,601.18	1/2	3,241.09	1/2	2,880.99	1/2	2,520.90	1/2	2,160.80	1/2	1,800.70	1/2	1,440.61	1/2	1,080.51	1/2	726.02	1/2	365.92	1/2	15.27		
3/4	3/4	3/4	5,034.07	3/4	4,673.97	3/4	4,313.87	3/4	3,953.78	3/4	3,593.68	3/4	3,233.59	3/4	2,873.49	3/4	2,513.39	3/4	2,153.30	3/4	1,793.20	3/4	1,433.11	3/4	1,073.01	3/4	712.91	3/4	352.82	3/4			
7		7	5,026.56	7	4,666.47	7	4,306.37	7	3,946.28	7	3,586.18	7	3,226.08	7	2,865.99	7	2,505.89	7	2,145.80	7	1,785.70	7	1,425.60	7	1,065.51	7	705.41	7	345.32	7			
1/4	1/4	1/4	5,019.06	1/4	4,658.97	1/4	4,298.87	1/4	3,938.77	1/4	3,578.68	1/4	3,218.58	1/4	2,858.49	1/4	2,498.39	1/4	2,138.29	1/4	1,778.20	1/4	1,418.10	1/4	1,058.01	1/4	697.91	1/4	337.81	1/4			
1/2	1/2	1/2	5,011.56	1/2	4,651.46	1/2	4,291.37	1/2	3,931.27	1/2	3,571.18	1/2	3,211.08	1/2	2,850.98	1/2	2,490.89	1/2	2,130.79	1/2	1,770.70	1/2	1,410.60	1/2	1,050.50	1/2	696.01	1/2	335.91	1/2			
3/4	3/4	3/4	5,004.06	3/4	4,643.96	3/4	4,283.87	3/4	3,923.77	3/4	3,563.67	3/4	3,203.58	3/4	2,843.48	3/4	2,483.39	3/4	2,123.29	3/4	1,763.19	3/4	1,403.10	3/4	1,043.00	3/4	684.91	3/4	323.81	3/4			
8		8	4,996.56	8	4,636.46	8	4,276.36	8	3,916.27	8	3,556.17	8	3,196.08	8	2,835.98	8	2,475.88	8	2,115.79	8	1,755.69	8	1,395.59	8	1,035.50	8	675.40	8	315.31	8			
1/4	1/4	1/4	4,989.05	1/4	4,628.96	1/4	4,268.86	1/4	3,908.77	1/4	3,548.67	1/4	3,188.57	1/4	2,828.48	1/4	2,468.38	1/4	2,108.29	1/4	1,748.19	1/4	1,388.09	1/4	1,028.00	1/4	667.90	1/4	307.81	1/4			
1/2	1/2	1/2	4,981.55	1/2	4,621.46	1/																											

# BARGE "MPC-642" MARATHON PETROLEUM CORP.

## OUTAGE TABLE

# 3 PORT



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

HULL NO. 2169-15

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	4,728.53	0	4,527.18	0	4,256.99	0	3,986.80	0	3,714.02	0	3,434.23	0	3,078.30	0	2,719.69	0	2,361.08	0	2,002.48	0	1,643.87	0	1,285.26	0	926.65	0	568.04	0	209.44	
1/4	1/4	4,728.16	1/4	4,521.56	1/4	4,251.36	1/4	3,981.17	1/4	3,708.28	1/4	3,428.10	1/4	3,070.83	1/4	2,712.22	1/4	2,353.61	1/4	1,995.01	1/4	1,636.40	1/4	1,277.79	1/4	919.18	1/4	560.57	1/4	201.97	
1/2	1/2	4,727.79	1/2	4,515.93	1/2	4,245.73	1/2	3,975.54	1/2	3,702.54	1/2	3,421.97	1/2	3,063.36	1/2	2,704.75	1/2	2,346.14	1/2	1,987.53	1/2	1,628.93	1/2	1,270.32	1/2	911.71	1/2	553.10	1/2	194.49	
3/4	3/4	4,727.42	3/4	4,510.30	3/4	4,240.11	3/4	3,969.91	3/4	3,696.81	3/4	3,414.50	3/4	3,055.89	3/4	2,697.28	3/4	2,338.67	3/4	1,980.06	3/4	1,621.46	3/4	1,262.85	3/4	904.24	3/4	545.63	3/4	187.02	
1	1	4,727.05	1	4,504.67	1	4,234.48	1	3,964.28	1	3,691.07	1	3,407.02	1	3,048.42	1	2,689.81	1	2,331.20	1	1,972.59	1	1,613.98	1	1,255.38	1	896.77	1	538.16	1	179.55	
1/4	1/4	4,725.72	1/4	4,499.04	1/4	4,228.85	1/4	3,958.66	1/4	3,685.33	1/4	3,399.55	1/4	3,040.95	1/4	2,682.34	1/4	2,323.73	1/4	1,965.12	1/4	1,606.51	1/4	1,247.91	1/4	889.30	1/4	530.69	1/4	172.08	
1/2	1/2	4,724.40	1/2	4,493.41	1/2	4,223.22	1/2	3,953.03	1/2	3,679.59	1/2	3,392.08	1/2	3,033.47	1/2	2,674.87	1/2	2,316.26	1/2	1,957.65	1/2	1,599.04	1/2	1,240.43	1/2	881.83	1/2	523.22	1/2	164.61	
3/4	3/4	4,723.07	3/4	4,487.78	3/4	4,217.59	3/4	3,947.40	3/4	3,673.86	3/4	3,384.61	3/4	3,026.00	3/4	2,667.40	3/4	2,308.79	3/4	1,950.18	3/4	1,591.57	3/4	1,232.96	3/4	874.36	3/4	515.75	3/4	157.14	
2	2	4,721.74	2	4,482.15	2	4,211.96	2	3,941.77	2	3,668.12	2	3,377.14	2	3,018.53	2	2,659.92	2	2,301.32	2	1,942.71	2	1,584.10	2	1,225.49	2	866.88	2	508.28	2	149.67	
1/4	1/4	4,719.46	1/4	4,476.52	1/4	4,206.33	1/4	3,936.14	1/4	3,662.38	1/4	3,369.67	1/4	3,011.06	1/4	2,652.45	1/4	2,293.85	1/4	1,935.24	1/4	1,576.63	1/4	1,218.02	1/4	859.41	1/4	500.81	1/4	142.20	
1/2	1/2	4,717.18	1/2	4,470.89	1/2	4,200.70	1/2	3,930.51	1/2	3,656.65	1/2	3,362.20	1/2	3,003.59	1/2	2,644.98	1/2	2,286.37	1/2	1,927.77	1/2	1,569.16	1/2	1,210.55	1/2	851.94	1/2	493.33	1/2	134.73	
3/4	3/4	4,714.90	3/4	4,465.27	3/4	4,195.07	3/4	3,924.88	3/4	3,650.91	3/4	3,354.73	3/4	2,996.12	3/4	2,637.51	3/4	2,278.90	3/4	1,920.30	3/4	1,561.69	3/4	1,203.08	3/4	844.47	3/4	485.86	3/4	127.26	
3	3	4,712.62	3	4,459.64	3	4,189.44	3	3,919.25	3	3,645.17	3	3,347.26	3	2,988.65	3	2,630.04	3	2,271.43	3	1,912.82	3	1,554.22	3	1,195.61	3	837.00	3	478.39	3	119.78	
1/4	1/4	4,709.38	1/4	4,454.01	1/4	4,183.82	1/4	3,913.62	1/4	3,639.44	1/4	3,339.79	1/4	2,981.18	1/4	2,622.57	1/4	2,263.96	1/4	1,905.35	1/4	1,546.75	1/4	1,188.14	1/4	829.63	1/4	470.92	1/4	112.31	
1/2	1/2	4,706.14	1/2	4,448.38	1/2	4,178.19	1/2	3,907.99	1/2	3,633.70	1/2	3,332.31	1/2	2,973.71	1/2	2,615.10	1/2	2,256.49	1/2	1,897.88	1/2	1,539.27	1/2	1,180.67	1/2	822.06	1/2	463.45	1/2	104.84	
3/4	3/4	4,702.90	3/4	4,442.75	3/4	4,172.56	3/4	3,902.37	3/4	3,627.96	3/4	3,324.84	3/4	2,966.24	3/4	2,607.63	3/4	2,249.02	3/4	1,890.41	3/4	1,531.80	3/4	1,173.20	3/4	814.59	3/4	455.98	3/4	97.37	
4	4	4,699.66	4	4,437.12	4	4,166.93	4	3,896.74	4	3,622.22	4	3,317.37	4	2,958.76	4	2,600.16	4	2,241.55	4	1,882.94	4	1,524.33	4	1,165.72	4	807.12	4	448.51	4	89.90	
1/4	1/4	4,695.47	1/4	4,431.49	1/4	4,161.30	1/4	3,891.11	1/4	3,616.49	1/4	3,309.90	1/4	2,951.29	1/4	2,592.69	1/4	2,234.08	1/4	1,875.47	1/4	1,516.86	1/4	1,158.25	1/4	799.65	1/4	441.04	1/4	82.43	
1/2	1/2	4,691.27	1/2	4,425.86	1/2	4,155.67	1/2	3,885.48	1/2	3,610.75	1/2	3,302.43	1/2	2,943.82	1/2	2,585.21	1/2	2,226.61	1/2	1,868.00	1/2	1,509.39	1/2	1,150.78	1/2	792.17	1/2	433.57	1/2	74.96	
3/4	3/4	4,687.08	3/4	4,420.23	3/4	4,150.04	3/4	3,879.85	3/4	3,605.01	3/4	3,294.96	3/4	2,936.35	3/4	2,577.74	3/4	2,219.14	3/4	1,860.53	3/4	1,501.92	3/4	1,143.31	3/4	784.70	3/4	426.10	3/4	67.49	
5	5	4,682.88	5	4,414.60	5	4,144.41	5	3,874.22	5	3,599.28	5	3,287.49	5	2,928.88	5	2,570.27	5	2,211.66	5	1,853.06	5	1,494.45	5	1,135.84	5	777.23	5	418.62	5	60.02	
1/4	1/4	4,677.73	1/4	4,408.98	1/4	4,138.78	1/4	3,868.59	1/4	3,593.54	1/4	3,280.02	1/4	2,921.41	1/4	2,562.80	1/4	2,204.19	1/4	1,845.59	1/4	1,486.98	1/4	1,128.37	1/4	769.76	1/4	411.15	1/4	53.48	
1/2	1/2	4,672.58	1/2	4,403.35	1/2	4,133.15	1/2	3,862.96	1/2	3,587.80	1/2	3,272.55	1/2	2,913.94	1/2	2,555.33	1/2	2,196.72	1/2	1,838.11	1/2	1,479.51	1/2	1,120.90	1/2	762.29	1/2	403.68	1/2	46.95	
3/4	3/4	4,667.43	3/4	4,397.72	3/4	4,127.53	3/4	3,857.33	3/4	3,582.07	3/4	3,265.08	3/4	2,906.47	3/4	2,547.86	3/4	2,189.25	3/4	1,830.64	3/4	1,472.04	3/4	1,113.43	3/4	754.82	3/4	396.21	3/4	40.41	
6	6	4,662.28	6	4,392.09	6	4,121.90	6	3,851.70	6	3,576.33	6	3,257.60	6	2,899.00	6	2,540.39	6	2,181.78	6	1,823.17	6	1,464.56	6	1,105.96	6	747.35	6	388.74	6	33.88	
1/4	1/4	4,656.65	1/4	4,386.46	1/4	4,116.27	1/4	3,845.97	1/4	3,570.59	1/4	3,250.13	1/4	2,891.53	1/4	2,532.92	1/4	2,174.31	1/4	1,815.70	1/4	1,457.09	1/4	1,098.49	1/4	739.88	1/4	381.27	1/4	29.21	
1/2	1/2	4,651.02	1/2	4,380.83	1/2	4,110.64	1/2	3,840.23	1/2	3,564.85	1/2	3,242.66	1/2	2,884.05	1/2	2,525.45	1/2	2,166.84	1/2	1,808.23	1/2	1,449.62	1/2	1,091.01	1/2	732.41	1/2	373.80	1/2	24.55	
3/4	3/4	4,645.39	3/4	4,375.20	3/4	4,105.01	3/4	3,834.49	3/4	3,559.08	3/4	3,235.19	3/4	2,876.58	3/4	2,517.98	3/4	2,159.37	3/4	1,800.76	3/4	1,442.15	3/4	1,083.54	3/4	724.94	3/4	366.33	3/4	19.88	
7	7	4,639.76	7	4,369.57	7	4,099.38	7	3,828.76	7	3,553.31	7	3,227.72	7	2,869.11	7	2,510.50	7	2,151.90	7	1,793.29	7	1,434.68	7	1,076.07	7	717.46	7	358.86	7	15.21	
1/4	1/4	4,634.14	1/4	4,363.94	1/4	4,093.75	1/4	3,823.02	1/4	3,547.54	1/4	3,220.25	1/4	2,861.64	1/4	2,503.03	1/4	2,144.43	1/4	1,785.82	1/4	1,427.21	1/4	1,068.60	1/4	709.99	1/4	351.39	1/4		
1/2	1/2	4,628.51	1/2	4,358.31	1/2	4,088.12	1/2	3,817.28	1/2	3,541.76	1/2	3,212.78	1/2	2,854.17	1/2	2,495.56	1/2	2,136.95	1/2	1,778.35	1/2	1,419.74	1/2	1,061.13	1/2	702.52	1/2	343.91	1/2		
3/4	3/4	4,622.88	3/4	4,352.69	3/4	4,082.49	3/4	3,811.55	3/4	3,535.92	3/4	3,205.31	3/4	2,846.70	3/4	2,488.09	3/4	2,129.48	3/4	1,770.88	3/4	1,412.27	3/4	1,053.66	3/4	695.05	3/4	336.44	3/4		
8	8	4,617.25	8	4,347.06	8	4,076.86	8	3,805.81	8	3,530.07	8	3,197.84	8	2,839.23	8	2,480.62	8	2,122.01	8	1,763.40	8	1,404.80	8	1,046.19	8	687.58	8	328.97	8		
1/4	1/4	4,611.62	1/4	4,341.43	1/4	4,071.24	1/4	3,800.07	1/4	3,524.23	1/4	3,190.37	1/4	2,831.76	1/4	2,473.15	1/4	2,114.54	1/4	1,755.93	1/4	1,397.33	1/4	1,038.72	1/4	680.11	1/4	321.50	1/4		
1/2	1/2	4,605.99	1/2	4,335.80	1/2	4,065.61	1/2	3,794.33	1/2	3,518.38	1/2	3,182.89	1/2	2,824.29	1/2	2,465.68	1/2	2,107.07	1/2	1,748.46	1/2	1,389.85	1/2	1,031.25	1/2	672.64	1/2	314.03	1/2		
3/4	3/4	4,600.36	3/4	4,330.17	3/4	4,059.98	3/4	3,788.60	3/4	3,512.46	3/4	3,175.42	3/4	2,816.82	3/4	2,458.21	3/4	2,099.60	3/4	1,740.99	3/4	1,382.38	3/4	1,023.78	3/4	665.17	3/4	306.56	3/4		
9	9	4,594.73	9	4,324.54	9	4,054.35	9	3,782.86	9	3,506.55	9	3,167.95	9	2,809.34	9	2,450.74	9	2,092.13	9	1,733.52	9	1,374.91	9	1,016.30	9	657.70	9	299.09	9		
1/4	1/4	4,589.10	1/4	4,318.91	1/4	4,048.72	1/4	3,777.12	1/4	3,500.63																					

# BARGE "MPC-642" MARATHON PETROLEUM CORP.

## OUTAGE TABLE

# 3 STAR



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

HULL NO. 2169-15

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	4,728.16	0	4,521.56	0	4,251.36	0	3,981.17	0	3,708.28	0	3,428.10	0	3,070.83	0	2,712.22	0	2,353.61	0	1,995.01	0	1,636.40	0	1,277.79	0	919.18	0	560.57	0	201.97			
1/4	1/4	4,727.79	1/4	4,515.93	1/4	4,245.73	1/4	3,975.54	1/4	3,702.54	1/4	3,421.97	1/4	3,063.36	1/4	2,704.75	1/4	2,346.14	1/4	1,987.53	1/4	1,628.93	1/4	1,270.32	1/4	911.71	1/4	553.10	1/4	194.49			
1/2	1/2	4,727.42	1/2	4,510.30	1/2	4,240.11	1/2	3,969.91	1/2	3,696.81	1/2	3,414.50	1/2	3,055.89	1/2	2,697.28	1/2	2,338.67	1/2	1,980.06	1/2	1,621.46	1/2	1,262.85	1/2	904.24	1/2	545.63	1/2	187.02			
3/4	3/4	4,727.05	3/4	4,504.67	3/4	4,234.48	3/4	3,964.28	3/4	3,691.07	3/4	3,407.02	3/4	3,048.42	3/4	2,689.81	3/4	2,331.20	3/4	1,972.59	3/4	1,613.98	3/4	1,255.38	3/4	896.77	3/4	538.16	3/4	179.55			
1	1	4,725.72	1	4,499.04	1	4,228.85	1	3,958.66	1	3,685.33	1	3,399.55	1	3,040.95	1	2,682.34	1	2,323.73	1	1,965.12	1	1,606.51	1	1,247.91	1	889.30	1	530.69	1	172.08			
1/4	1/4	4,724.40	1/4	4,493.41	1/4	4,223.22	1/4	3,953.03	1/4	3,679.59	1/4	3,392.08	1/4	3,033.47	1/4	2,674.87	1/4	2,316.26	1/4	1,957.65	1/4	1,599.04	1/4	1,240.43	1/4	881.83	1/4	523.22	1/4	164.61			
1/2	1/2	4,723.07	1/2	4,487.78	1/2	4,217.59	1/2	3,947.40	1/2	3,673.86	1/2	3,384.61	1/2	3,026.00	1/2	2,667.40	1/2	2,308.79	1/2	1,950.18	1/2	1,591.57	1/2	1,232.96	1/2	874.36	1/2	515.75	1/2	157.14			
3/4	3/4	4,721.74	3/4	4,482.15	3/4	4,211.96	3/4	3,941.77	3/4	3,668.12	3/4	3,377.14	3/4	3,018.53	3/4	2,659.92	3/4	2,301.32	3/4	1,942.71	3/4	1,584.10	3/4	1,225.49	3/4	866.88	3/4	508.28	3/4	149.67			
2	2	4,719.46	2	4,476.52	2	4,206.33	2	3,936.14	2	3,662.38	2	3,369.67	2	3,011.06	2	2,652.45	2	2,293.85	2	1,935.24	2	1,576.63	2	1,218.02	2	859.41	2	500.81	2	142.20			
1/4	1/4	4,717.18	1/4	4,470.89	1/4	4,200.70	1/4	3,930.51	1/4	3,656.65	1/4	3,362.20	1/4	3,003.59	1/4	2,644.98	1/4	2,286.37	1/4	1,927.77	1/4	1,569.16	1/4	1,210.55	1/4	851.94	1/4	493.33	1/4	134.73			
1/2	1/2	4,714.90	1/2	4,465.27	1/2	4,195.07	1/2	3,924.88	1/2	3,650.91	1/2	3,354.73	1/2	2,996.12	1/2	2,637.51	1/2	2,278.90	1/2	1,920.30	1/2	1,561.69	1/2	1,203.08	1/2	844.47	1/2	485.86	1/2	127.26			
3/4	3/4	4,712.62	3/4	4,459.64	3/4	4,189.44	3/4	3,919.25	3/4	3,645.17	3/4	3,347.26	3/4	2,988.65	3/4	2,630.04	3/4	2,271.43	3/4	1,912.82	3/4	1,554.22	3/4	1,195.61	3/4	837.00	3/4	478.39	3/4	119.78			
3	3	4,709.38	3	4,454.01	3	4,183.82	3	3,913.62	3	3,639.44	3	3,339.79	3	2,981.18	3	2,622.57	3	2,263.96	3	1,905.35	3	1,546.75	3	1,188.14	3	829.53	3	470.92	3	112.31			
1/4	1/4	4,706.14	1/4	4,448.38	1/4	4,178.19	1/4	3,907.99	1/4	3,633.70	1/4	3,332.31	1/4	2,973.71	1/4	2,615.10	1/4	2,256.49	1/4	1,897.88	1/4	1,539.27	1/4	1,180.67	1/4	822.06	1/4	463.45	1/4	104.84			
1/2	1/2	4,702.90	1/2	4,442.75	1/2	4,172.56	1/2	3,902.37	1/2	3,627.96	1/2	3,324.84	1/2	2,966.24	1/2	2,607.63	1/2	2,249.02	1/2	1,890.41	1/2	1,531.80	1/2	1,173.20	1/2	814.59	1/2	455.98	1/2	97.37			
3/4	3/4	4,699.66	3/4	4,437.12	3/4	4,166.93	3/4	3,896.74	3/4	3,622.22	3/4	3,317.37	3/4	2,958.76	3/4	2,600.16	3/4	2,241.55	3/4	1,882.94	3/4	1,524.33	3/4	1,165.72	3/4	807.12	3/4	448.51	3/4	89.90			
4	4	4,695.47	4	4,431.49	4	4,161.30	4	3,891.11	4	3,616.49	4	3,309.90	4	2,951.29	4	2,592.69	4	2,234.08	4	1,875.47	4	1,516.86	4	1,158.25	4	799.65	4	441.04	4	82.43			
1/4	1/4	4,691.27	1/4	4,425.86	1/4	4,155.67	1/4	3,885.48	1/4	3,610.75	1/4	3,302.43	1/4	2,943.82	1/4	2,585.21	1/4	2,226.61	1/4	1,868.00	1/4	1,509.39	1/4	1,150.78	1/4	792.17	1/4	433.57	1/4	74.96			
1/2	1/2	4,687.08	1/2	4,420.23	1/2	4,150.04	1/2	3,879.85	1/2	3,605.01	1/2	3,294.96	1/2	2,936.35	1/2	2,577.74	1/2	2,219.14	1/2	1,860.53	1/2	1,501.92	1/2	1,143.31	1/2	784.70	1/2	426.10	1/2	67.49			
3/4	3/4	4,682.88	3/4	4,414.60	3/4	4,144.41	3/4	3,874.22	3/4	3,599.28	3/4	3,287.49	3/4	2,928.88	3/4	2,570.27	3/4	2,211.66	3/4	1,853.06	3/4	1,494.45	3/4	1,135.84	3/4	777.23	3/4	418.62	3/4	60.02			
5	5	4,677.73	5	4,408.98	5	4,138.78	5	3,868.59	5	3,593.54	5	3,280.02	5	2,921.41	5	2,562.80	5	2,204.19	5	1,845.59	5	1,486.98	5	1,128.37	5	769.76	5	411.15	5	53.48			
1/4	1/4	4,672.58	1/4	4,403.35	1/4	4,133.15	1/4	3,862.96	1/4	3,587.80	1/4	3,272.55	1/4	2,913.94	1/4	2,555.33	1/4	2,196.72	1/4	1,838.11	1/4	1,479.51	1/4	1,120.90	1/4	762.29	1/4	403.68	1/4	46.95			
1/2	1/2	4,667.43	1/2	4,397.72	1/2	4,127.53	1/2	3,857.33	1/2	3,582.07	1/2	3,265.08	1/2	2,906.47	1/2	2,547.86	1/2	2,189.25	1/2	1,830.64	1/2	1,472.04	1/2	1,113.43	1/2	754.82	1/2	396.21	1/2	40.41			
3/4	3/4	4,662.28	3/4	4,392.09	3/4	4,121.90	3/4	3,851.70	3/4	3,576.33	3/4	3,257.60	3/4	2,899.00	3/4	2,540.39	3/4	2,181.78	3/4	1,823.17	3/4	1,464.56	3/4	1,105.96	3/4	747.35	3/4	388.74	3/4	33.88			
6	6	4,656.65	6	4,386.46	6	4,116.27	6	3,845.97	6	3,570.59	6	3,250.13	6	2,891.53	6	2,532.92	6	2,174.31	6	1,815.70	6	1,457.09	6	1,098.49	6	739.88	6	381.27	6	29.21			
1/4	1/4	4,651.02	1/4	4,380.83	1/4	4,110.64	1/4	3,840.23	1/4	3,564.85	1/4	3,242.66	1/4	2,884.05	1/4	2,525.45	1/4	2,166.84	1/4	1,808.23	1/4	1,449.62	1/4	1,091.01	1/4	732.41	1/4	373.80	1/4	24.55			
1/2	1/2	4,645.39	1/2	4,375.20	1/2	4,105.01	1/2	3,834.49	1/2	3,559.08	1/2	3,235.19	1/2	2,876.58	1/2	2,517.98	1/2	2,159.37	1/2	1,800.76	1/2	1,442.15	1/2	1,083.54	1/2	724.94	1/2	366.33	1/2	19.88			
3/4	3/4	4,639.76	3/4	4,369.57	3/4	4,099.38	3/4	3,828.76	3/4	3,553.31	3/4	3,227.72	3/4	2,869.11	3/4	2,510.50	3/4	2,151.90	3/4	1,793.29	3/4	1,434.68	3/4	1,076.07	3/4	717.46	3/4	358.86	3/4	15.21			
7	7	4,634.14	7	4,363.94	7	4,093.75	7	3,823.02	7	3,547.54	7	3,220.25	7	2,861.64	7	2,503.03	7	2,144.43	7	1,785.82	7	1,427.21	7	1,068.60	7	709.99	7	351.39	7				
1/4	1/4	4,628.51	1/4	4,358.31	1/4	4,088.12	1/4	3,817.28	1/4	3,541.76	1/4	3,212.78	1/4	2,854.17	1/4	2,495.56	1/4	2,136.95	1/4	1,778.35	1/4	1,419.74	1/4	1,061.13	1/4	702.52	1/4	343.91	1/4				
1/2	1/2	4,622.88	1/2	4,352.69	1/2	4,082.49	1/2	3,811.55	1/2	3,535.92	1/2	3,205.31	1/2	2,846.70	1/2	2,488.09	1/2	2,129.48	1/2	1,770.88	1/2	1,412.27	1/2	1,053.66	1/2	695.05	1/2	336.44	1/2				
3/4	3/4	4,617.25	3/4	4,347.06	3/4	4,076.86	3/4	3,805.81	3/4	3,530.07	3/4	3,197.84	3/4	2,839.23	3/4	2,480.62	3/4	2,122.01	3/4	1,763.40	3/4	1,404.80	3/4	1,046.19	3/4	687.58	3/4	328.97	3/4				
8	8	4,611.62	8	4,341.43	8	4,071.24	8	3,800.07	8	3,524.23	8	3,190.37	8	2,831.76	8	2,473.15	8	2,114.54	8	1,755.93	8	1,397.33	8	1,038.72	8	680.11	8	321.50	8				
1/4	1/4	4,605.99	1/4	4,335.80	1/4	4,065.61	1/4	3,794.33	1/4	3,518.38	1/4	3,182.89	1/4	2,824.29	1/4	2,465.68	1/4	2,107.07	1/4	1,748.46	1/4	1,389.85	1/4	1,031.25	1/4	672.64	1/4	314.03	1/4				
1/2	1/2	4,600.36	1/2	4,330.17	1/2	4,059.98	1/2	3,788.60	1/2	3,512.46	1/2	3,175.42	1/2	2,816.82	1/2	2,458.21	1/2	2,099.60	1/2	1,740.99	1/2	1,382.38	1/2	1,023.78	1/2	665.17	1/2	306.56	1/2				
3/4	3/4	4,594.73	3/4	4,324.54	3/4	4,054.35	3/4	3,782.86	3/4	3,506.55	3/4	3,167.95	3/4	2,809.34	3/4	2,450.74	3/4	2,092.13	3/4	1,733.52	3/4	1,374.91	3/4	1,016.30	3/4	657.70	3/4	299.09	3/4				
9	9	4,589.10	9	4,318.91	9	4,048.72	9	3,777.12	9	3,500.63	9	3,160.48	9	2,801.87	9	2,443.27	9	2,08															



# BARGE "MPC-642"

MARATHON PETROLEUM CORP.

HULL NO. 2169-15

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: 7/29/08

BY:

INSPECTORATE AMERICA CORPORATION