



BARGE "MPC-810"

MARATHON PETROLEUM CORP.

HULL NO. 2170-1

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: 11/14/07

BY: 

INSPECTORATE AMERICA CORPORATION



INSPECTORATE

ISO 9002 ACCREDITED

BARGE "MPC-810"
MARATHON PETROLEUM CORP.

OUTAGE TABLE

1 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 2170-1

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	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W
0	0	5.086.40	0	4.818.14	0	4.460.83	0	4.103.52	0	3.746.21	0	3.388.90	0	3.031.58	0	2.674.27	0	2.316.96	0	1.959.65	0	1.602.34	0	1.245.02	0	887.71	0	530.40	0	187.28	
1/4	1/4	5.085.78	1/4	4.810.70	1/4	4.453.39	1/4	4.096.08	1/4	3.738.76	1/4	3.381.45	1/4	3.024.14	1/4	2.666.83	1/4	2.309.52	1/4	1.952.20	1/4	1.594.89	1/4	1.237.58	1/4	880.27	1/4	522.96	1/4	180.50	
1/2	1/2	5.085.16	1/2	4.803.26	1/2	4.445.94	1/2	4.088.63	1/2	3.731.32	1/2	3.374.01	1/2	3.016.70	1/2	2.659.38	1/2	2.302.07	1/2	1.944.76	1/2	1.587.45	1/2	1.230.14	1/2	872.82	1/2	515.51	1/2	173.72	
3/4	3/4	5.084.53	3/4	4.795.81	3/4	4.438.50	3/4	4.081.19	3/4	3.723.88	3/4	3.366.56	3/4	3.009.25	3/4	2.651.94	3/4	2.294.63	3/4	1.937.32	3/4	1.580.00	3/4	1.222.69	3/4	865.38	3/4	508.07	3/4	166.93	
1	1	5.083.91	1	4.788.37	1	4.431.06	1	4.073.74	1	3.716.43	1	3.359.12	1	3.001.81	1	2.644.50	1	2.287.18	1	1.929.87	1	1.572.56	1	1.215.25	1	857.94	1	500.62	1	160.15	
1/4	1/4	5.082.05	1/4	4.780.92	1/4	4.423.61	1/4	4.066.30	1/4	3.708.99	1/4	3.351.68	1/4	2.994.36	1/4	2.637.05	1/4	2.279.74	1/4	1.927.80	1/4	1.565.12	1/4	1.207.80	1/4	850.49	1/4	485.82	1/4	146.84	
1/2	1/2	5.080.18	1/2	4.773.48	1/2	4.416.17	1/2	4.058.66	1/2	3.701.54	1/2	3.344.23	1/2	2.986.92	1/2	2.629.61	1/2	2.272.30	1/2	1.914.98	1/2	1.557.67	1/2	1.200.36	1/2	843.05	1/2	485.82	1/2	120.20	
3/4	3/4	5.078.31	3/4	4.766.04	3/4	4.408.72	3/4	4.051.41	3/4	3.694.10	3/4	3.336.79	3/4	2.979.48	3/4	2.622.16	3/4	2.264.85	3/4	1.907.54	3/4	1.550.23	3/4	1.182.92	3/4	835.60	3/4	478.41	3/4	140.18	
2	2	5.076.44	2	4.758.59	2	4.401.28	2	4.043.97	2	3.686.66	2	3.329.34	2	2.972.03	2	2.614.72	2	2.257.41	2	1.900.10	2	1.542.78	2	1.185.47	2	828.16	2	471.01	2	133.52	
1/4	1/4	5.073.33	1/4	4.751.15	1/4	4.393.84	1/4	4.036.52	1/4	3.679.21	1/4	3.321.90	1/4	2.964.59	1/4	2.607.28	1/4	2.249.96	1/4	1.892.65	1/4	1.536.34	1/4	1.178.03	1/4	820.72	1/4	463.60	1/4	126.86	
1/2	1/2	5.070.22	1/2	4.743.70	1/2	4.386.39	1/2	4.029.08	1/2	3.671.77	1/2	3.314.46	1/2	2.957.14	1/2	2.599.83	1/2	2.242.52	1/2	1.885.21	1/2	1.527.90	1/2	1.170.58	1/2	813.27	1/2	458.20	1/2	113.55	
3/4	3/4	5.067.11	3/4	4.736.26	3/4	4.378.95	3/4	4.021.64	3/4	3.664.32	3/4	3.307.01	3/4	2.942.26	3/4	2.592.39	3/4	2.235.08	3/4	1.877.76	3/4	1.520.45	3/4	1.163.14	3/4	805.83	3/4	448.80	3/4	113.55	
3	3	5.064.00	3	4.728.82	3	4.371.50	3	4.014.19	3	3.656.88	3	3.299.57	3	2.934.26	3	2.584.94	3	2.227.63	3	1.870.32	3	1.513.01	3	1.155.70	3	798.38	3	441.39	3	106.89	
1/4	1/4	5.059.64	1/4	4.721.37	1/4	4.364.06	1/4	4.006.75	1/4	3.649.44	1/4	3.292.12	1/4	2.934.81	1/4	2.577.50	1/4	2.220.19	1/4	1.862.88	1/4	1.505.66	1/4	1.148.25	1/4	790.94	1/4	434.11	1/4	100.35	
1/2	1/2	5.055.29	1/2	4.713.93	1/2	4.356.62	1/2	3.999.30	1/2	3.641.99	1/2	3.284.68	1/2	2.927.37	1/2	2.570.06	1/2	2.212.74	1/2	1.855.43	1/2	1.498.12	1/2	1.140.81	1/2	783.50	1/2	426.83	1/2	93.82	
3/4	3/4	5.050.93	3/4	4.706.48	3/4	4.349.17	3/4	3.991.86	3/4	3.634.55	3/4	3.277.24	3/4	2.919.92	3/4	2.562.61	3/4	2.205.30	3/4	1.847.99	3/4	1.490.68	3/4	1.133.36	3/4	776.05	3/4	419.55	3/4	87.29	
4	4	5.046.58	4	4.699.04	4	4.341.73	4	3.984.42	4	3.627.10	4	3.269.79	4	2.912.48	4	2.557.17	4	2.197.86	4	1.840.54	4	1.483.23	4	1.125.92	4	768.61	4	412.27	4	80.76	
1/4	1/4	5.040.98	1/4	4.691.60	1/4	4.334.28	1/4	3.976.97	1/4	3.619.66	1/4	3.262.35	1/4	2.905.04	1/4	2.547.72	1/4	2.190.41	1/4	1.833.10	1/4	1.475.79	1/4	1.118.48	1/4	761.16	1/4	404.99	1/4	74.22	
1/2	1/2	5.035.38	1/2	4.684.15	1/2	4.326.84	1/2	3.969.53	1/2	3.612.22	1/2	3.254.90	1/2	2.897.59	1/2	2.540.28	1/2	2.175.52	1/2	1.825.66	1/2	1.468.34	1/2	1.111.03	1/2	753.72	1/2	397.71	1/2	67.66	
3/4	3/4	5.029.78	3/4	4.676.71	3/4	4.319.40	3/4	3.962.08	3/4	3.604.77	3/4	3.247.46	3/4	2.890.15	3/4	2.532.84	3/4	2.168.08	3/4	1.818.21	3/4	1.460.90	3/4	1.103.59	3/4	746.28	3/4	390.43	3/4	54.62	
5	5	5.024.18	5	4.669.26	5	4.311.95	5	3.954.64	5	3.597.33	5	3.240.02	5	2.882.70	5	2.525.39	5	2.168.08	5	1.810.77	5	1.453.46	5	1.096.14	5	738.83	5	383.15	5	48.95	
1/4	1/4	5.017.33	1/4	4.661.82	1/4	4.304.51	1/4	3.947.20	1/4	3.589.88	1/4	3.232.57	1/4	2.875.26	1/4	2.517.95	1/4	2.160.64	1/4	1.803.32	1/4	1.446.01	1/4	1.088.70	1/4	731.39	1/4	376.00	1/4	48.95	
1/2	1/2	5.010.49	1/2	4.654.38	1/2	4.297.06	1/2	3.939.75	1/2	3.582.44	1/2	3.225.13	1/2	2.867.82	1/2	2.510.50	1/2	2.153.19	1/2	1.795.88	1/2	1.438.57	1/2	1.081.26	1/2	723.94	1/2	368.84	1/2	43.27	
3/4	3/4	5.003.64	3/4	4.646.93	3/4	4.289.62	3/4	3.932.31	3/4	3.575.00	3/4	3.217.68	3/4	2.860.37	3/4	2.503.06	3/4	2.145.75	3/4	1.788.44	3/4	1.431.12	3/4	1.073.81	3/4	716.50	3/4	361.69	3/4	37.60	
6	6	4.996.80	6	4.639.49	6	4.282.18	6	3.924.86	6	3.567.55	6	3.210.24	6	2.852.93	6	2.495.62	6	2.138.30	6	1.780.99	6	1.423.68	6	1.066.37	6	709.06	6	354.53	6	31.92	
1/4	1/4	4.989.36	1/4	4.632.04	1/4	4.274.73	1/4	3.917.42	1/4	3.560.11	1/4	3.202.80	1/4	2.845.48	1/4	2.488.17	1/4	2.130.86	1/4	1.773.55	1/4	1.416.24	1/4	1.058.92	1/4	701.61	1/4	347.38	1/4	27.71	
1/2	1/2	4.981.91	1/2	4.624.60	1/2	4.267.29	1/2	3.909.86	1/2	3.552.66	1/2	3.195.35	1/2	2.839.04	1/2	2.480.73	1/2	2.123.42	1/2	1.765.10	1/2	1.408.79	1/2	1.051.48	1/2	698.17	1/2	340.22	1/2	23.50	
3/4	3/4	4.974.47	3/4	4.617.16	3/4	4.259.84	3/4	3.902.53	3/4	3.545.22	3/4	3.187.91	3/4	2.830.60	3/4	2.473.28	3/4	2.115.97	3/4	1.758.66	3/4	1.401.35	3/4	1.044.04	3/4	686.72	3/4	333.07	3/4	19.29	
7	7	4.967.02	7	4.609.71	7	4.252.40	7	3.895.09	7	3.537.78	7	3.180.46	7	2.823.15	7	2.465.84	7	2.108.53	7	1.751.22	7	1.393.90	7	1.036.59	7	679.28	7	325.91	7	15.08	
1/4	1/4	4.962.27	1/4	4.602.27	1/4	4.244.96	1/4	3.887.64	1/4	3.530.33	1/4	3.173.02	1/4	2.815.71	1/4	2.458.40	1/4	2.101.08	1/4	1.743.77	1/4	1.386.46	1/4	1.029.15	1/4	671.84	1/4	318.88	1/4	15.08	
1/2	1/2	4.952.14	1/2	4.594.82	1/2	4.237.51	1/2	3.880.20	1/2	3.522.89	1/2	3.165.58	1/2	2.808.26	1/2	2.450.95	1/2	2.093.64	1/2	1.736.33	1/2	1.378.02	1/2	1.021.70	1/2	664.39	1/2	311.85	1/2	15.08	
3/4	3/4	4.944.69	3/4	4.587.38	3/4	4.230.07	3/4	3.872.76	3/4	3.515.44	3/4	3.158.13	3/4	2.800.82	3/4	2.443.51	3/4	2.086													



INSPECTORATE

ISO 9002 ACCREDITED

BARGE "MPC-810"
MARATHON PETROLEUM CORP.

OUTAGE TABLE

1 STAR

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

HULL NO. 2170-1

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	5.085.78	0	4.810.70	0	4.453.39	0	4.096.08	0	3.738.76	0	3.381.45	0	3.024.14	0	2.666.83	0	2.309.52	0	1.952.20	0	1.594.89	0	1.237.58	0	880.27	0	522.96	0	180.50	
1/4	1/4	5.085.16	1/4	4.803.26	1/4	4.445.94	1/4	4.088.63	1/4	3.731.32	1/4	3.374.01	1/4	3.016.70	1/4	2.659.38	1/4	2.302.07	1/4	1.944.76	1/4	1.587.45	1/4	1.230.14	1/4	877.82	1/4	515.51	1/4	173.72	
1/2	1/2	5.084.53	1/2	4.795.81	1/2	4.438.50	1/2	4.081.19	1/2	3.723.88	1/2	3.366.56	1/2	3.009.25	1/2	2.651.94	1/2	2.294.63	1/2	1.937.32	1/2	1.580.00	1/2	1.222.69	1/2	865.38	1/2	508.07	1/2	166.93	
3/4	3/4	5.083.91	3/4	4.788.37	3/4	4.431.06	3/4	4.073.74	3/4	3.716.43	3/4	3.359.12	3/4	3.001.81	3/4	2.644.50	3/4	2.287.18	3/4	1.922.87	3/4	1.572.56	3/4	1.216.25	3/4	857.94	3/4	500.62	3/4	160.15	
1	1	5.082.05	1	4.780.92	1	4.423.61	1	4.068.70	1	3.708.99	1	3.351.68	1	2.994.36	1	2.637.05	1	2.279.74	1	1.922.43	1	1.566.12	1	1.207.80	1	850.49	1	493.22	1	153.49	
1/4	1/4	5.080.18	1/4	4.773.48	1/4	4.416.17	1/4	4.058.86	1/4	3.701.54	1/4	3.344.23	1/4	2.986.92	1/4	2.629.61	1/4	2.272.30	1/4	1.914.98	1/4	1.557.67	1/4	1.200.36	1/4	843.05	1/4	485.82	1/4	146.84	
1/2	1/2	5.078.31	1/2	4.766.04	1/2	4.408.72	1/2	4.051.41	1/2	3.694.10	1/2	3.336.79	1/2	2.979.48	1/2	2.622.16	1/2	2.264.85	1/2	1.907.54	1/2	1.550.23	1/2	1.192.92	1/2	836.60	1/2	478.41	1/2	140.18	
3/4	3/4	5.076.44	3/4	4.758.59	3/4	4.401.28	3/4	4.043.97	3/4	3.686.66	3/4	3.329.34	3/4	2.972.03	3/4	2.614.72	3/4	2.257.41	3/4	1.900.10	3/4	1.542.78	3/4	1.185.47	3/4	828.16	3/4	471.01	3/4	133.52	
2	2	5.073.33	2	4.751.15	2	4.393.84	2	4.036.52	2	3.679.21	2	3.321.90	2	2.964.59	2	2.607.28	2	2.249.96	2	1.892.65	2	1.535.34	2	1.178.03	2	820.72	2	463.60	2	126.86	
1/4	1/4	5.070.22	1/4	4.743.70	1/4	4.386.39	1/4	4.029.08	1/4	3.671.77	1/4	3.314.46	1/4	2.957.14	1/4	2.599.83	1/4	2.242.52	1/4	1.885.21	1/4	1.527.90	1/4	1.170.58	1/4	813.27	1/4	456.20	1/4	93.82	
1/2	1/2	5.067.11	1/2	4.736.26	1/2	4.378.95	1/2	4.021.64	1/2	3.664.32	1/2	3.307.01	1/2	2.949.70	1/2	2.592.39	1/2	2.235.08	1/2	1.877.76	1/2	1.520.45	1/2	1.163.14	1/2	805.83	1/2	448.80	1/2	113.55	
3/4	3/4	5.064.00	3/4	4.728.82	3/4	4.371.50	3/4	4.014.19	3/4	3.656.88	3/4	3.299.57	3/4	2.942.26	3/4	2.584.94	3/4	2.227.63	3/4	1.870.32	3/4	1.513.01	3/4	1.155.70	3/4	798.38	3/4	441.39	3/4	106.89	
3	3	5.059.64	3	4.721.37	3	4.364.06	3	4.006.75	3	3.649.44	3	3.292.12	3	2.934.81	3	2.577.50	3	2.220.19	3	1.862.88	3	1.506.56	3	1.148.25	3	790.94	3	434.11	3	100.35	
1/4	1/4	5.055.29	1/4	4.713.93	1/4	4.356.62	1/4	3.999.30	1/4	3.641.99	1/4	3.284.68	1/4	2.927.37	1/4	2.570.06	1/4	2.212.74	1/4	1.855.43	1/4	1.498.12	1/4	1.140.81	1/4	783.50	1/4	426.83	1/4	93.82	
1/2	1/2	5.050.93	1/2	4.706.48	1/2	4.349.17	1/2	3.991.86	1/2	3.634.55	1/2	3.277.24	1/2	2.919.92	1/2	2.562.61	1/2	2.205.30	1/2	1.847.59	1/2	1.490.68	1/2	1.133.36	1/2	776.05	1/2	419.55	1/2	87.29	
3/4	3/4	5.046.58	3/4	4.699.04	3/4	4.341.73	3/4	3.984.42	3/4	3.627.10	3/4	3.269.79	3/4	2.912.48	3/4	2.555.17	3/4	2.197.86	3/4	1.840.54	3/4	1.483.23	3/4	1.125.92	3/4	768.61	3/4	412.27	3/4	80.76	
4	4	5.040.98	4	4.691.60	4	4.334.28	4	3.976.97	4	3.619.66	4	3.262.35	4	2.905.04	4	2.547.72	4	2.190.41	4	1.833.10	4	1.475.79	4	1.118.48	4	761.16	4	404.99	4	74.22	
1/4	1/4	5.035.38	1/4	4.684.15	1/4	4.326.84	1/4	3.969.53	1/4	3.612.22	1/4	3.254.90	1/4	2.897.59	1/4	2.540.28	1/4	2.182.97	1/4	1.825.66	1/4	1.468.34	1/4	1.111.03	1/4	753.72	1/4	397.71	1/4	67.69	
1/2	1/2	5.029.78	1/2	4.676.71	1/2	4.319.40	1/2	3.962.08	1/2	3.604.77	1/2	3.247.46	1/2	2.890.15	1/2	2.532.84	1/2	2.175.52	1/2	1.818.21	1/2	1.460.90	1/2	1.103.59	1/2	746.28	1/2	390.43	1/2	61.16	
3/4	3/4	5.024.18	3/4	4.669.26	3/4	4.311.95	3/4	3.954.64	3/4	3.597.33	3/4	3.240.02	3/4	2.882.70	3/4	2.525.39	3/4	2.168.08	3/4	1.810.77	3/4	1.453.46	3/4	1.096.14	3/4	738.83	3/4	383.15	3/4	54.62	
5	5	5.017.33	5	4.661.82	5	4.304.51	5	3.947.20	5	3.589.88	5	3.232.57	5	2.875.26	5	2.517.95	5	2.160.64	5	1.803.32	5	1.446.01	5	1.088.70	5	731.39	5	376.00	5	48.95	
1/4	1/4	5.010.49	1/4	4.654.38	1/4	4.297.06	1/4	3.939.75	1/4	3.582.44	1/4	3.225.13	1/4	2.867.82	1/4	2.503.06	1/4	2.153.19	1/4	1.795.88	1/4	1.438.57	1/4	1.081.26	1/4	723.94	1/4	368.84	1/4	43.27	
1/2	1/2	5.003.64	1/2	4.646.93	1/2	4.289.62	1/2	3.932.31	1/2	3.575.00	1/2	3.217.68	1/2	2.860.37	1/2	2.493.06	1/2	2.145.75	1/2	1.788.44	1/2	1.431.12	1/2	1.073.81	1/2	716.50	1/2	361.69	1/2	37.60	
3/4	3/4	4.996.80	3/4	4.635.49	3/4	4.282.18	3/4	3.924.86	3/4	3.567.95	3/4	3.210.24	3/4	2.852.93	3/4	2.495.62	3/4	2.138.30	3/4	1.780.99	3/4	1.423.68	3/4	1.066.37	3/4	709.06	3/4	354.53	3/4	31.92	
6	6	4.989.36	6	4.632.04	6	4.274.73	6	3.917.42	6	3.560.11	6	3.202.82	6	2.845.48	6	2.488.17	6	2.130.86	6	1.773.55	6	1.416.24	6	1.058.92	6	701.61	6	347.38	6	27.71	
1/4	1/4	4.981.91	1/4	4.624.60	1/4	4.267.29	1/4	3.909.88	1/4	3.552.66	1/4	3.195.35	1/4	2.838.04	1/4	2.480.73	1/4	2.123.42	1/4	1.766.10	1/4	1.408.79	1/4	1.051.48	1/4	694.17	1/4	340.22	1/4	23.50	
1/2	1/2	4.974.47	1/2	4.617.16	1/2	4.259.84	1/2	3.902.53	1/2	3.545.22	1/2	3.187.91	1/2	2.830.60	1/2	2.473.28	1/2	2.115.97	1/2	1.758.66	1/2	1.401.35	1/2	1.044.04	1/2	686.72	1/2	333.07	1/2	19.29	
3/4	3/4	4.967.02	3/4	4.609.71	3/4	4.252.40	3/4	3.895.09	3/4	3.537.78	3/4	3.180.46	3/4	2.823.15	3/4	2.465.84	3/4	2.108.53	3/4	1.751.22	3/4	1.393.90	3/4	1.036.59	3/4	679.28	3/4	325.91	3/4	15.08	
7	7	4.959.58	7	4.602.27	7	4.244.96	7	3.887.64	7	3.530.33	7	3.173.02	7	2.815.71	7	2.458.40	7	2.101.08	7	1.743.77	7	1.386.46	7	1.029.15	7	671.84	7	318.88	7	27.71	
1/4	1/4	4.952.14	1/4	4.594.82	1/4	4.237.51	1/4	3.880.20	1/4	3.522.89	1/4	3.165.58	1/4	2.808.26	1/4	2.450.95	1/4	2.093.64	1/4	1.736.33	1/4	1.379.02	1/4	1.021.70	1/4	664.39	1/4	311.85	1/4	23.50	
1/2	1/2	4.944.69	1/2	4.587.38	1/2	4.230.07	1/2	3.872.76	1/2	3.515.44	1/2	3.158.13	1/2	2.800.82	1/2	2.443.51	1/2	2.086.20	1/2	1.728.88	1/2	1.371.57	1/2	1.014.26	1/2	656.95	1/2	304.82	1/2	19.29	
3/4	3/4	4.937.25	3/4	4.579.94	3/4	4.222.62																									



INSPECTORATE

ISO 9002 ACCREDITED

BARGE "MPC-810"
MARATHON PETROLEUM CORP.

OUTAGE TABLE

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

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	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	
0	0	5.161.95	0	4.885.03	0	4.524.84	0	4.164.65	0	3.804.46	0	3.444.26	0	3.076.57	0	2.723.88	0	2.363.69	0	2.003.50	0	1.643.30	0	1.283.11	0	922.92	0	562.73	0	202.54		
1/4	1/4	5.161.32	1/4	4.877.53	1/4	4.517.34	1/4	4.157.14	1/4	3.796.95	1/4	3.436.76	1/4	3.076.57	1/4	2.716.38	1/4	2.356.18	1/4	1.995.99	1/4	1.635.80	1/4	1.275.61	1/4	915.42	1/4	565.22	1/4	195.03		
1/2	1/2	5.160.70	1/2	4.870.02	1/2	4.509.83	1/2	4.149.64	1/2	3.789.45	1/2	3.429.26	1/2	3.069.06	1/2	2.708.87	1/2	2.348.68	1/2	1.988.49	1/2	1.628.30	1/2	1.268.10	1/2	907.91	1/2	547.72	1/2	187.53		
3/4	3/4	5.160.07	3/4	4.862.52	3/4	4.502.33	3/4	4.142.14	3/4	3.781.94	3/4	3.421.75	3/4	3.061.56	3/4	2.701.37	3/4	2.341.18	3/4	1.980.98	3/4	1.620.79	3/4	1.260.60	3/4	900.41	3/4	540.22	3/4	180.02		
1	1	5.158.20	1	4.855.02	1	4.494.82	1	4.134.63	1	3.774.44	1	3.414.25	1	3.054.06	1	2.693.86	1	2.333.67	1	1.973.48	1	1.613.29	1	1.253.10	1	892.90	1	532.71	1	172.52		
1/4	1/4	5.156.32	1/4	4.847.51	1/4	4.487.32	1/4	4.127.13	1/4	3.766.94	1/4	3.406.74	1/4	3.046.55	1/4	2.686.36	1/4	2.326.17	1/4	1.965.98	1/4	1.605.78	1/4	1.245.59	1/4	885.40	1/4	525.21	1/4	165.02		
1/2	1/2	5.154.45	1/2	4.840.01	1/2	4.479.82	1/2	4.119.62	1/2	3.759.43	1/2	3.399.24	1/2	3.039.05	1/2	2.678.86	1/2	2.316.66	1/2	1.958.47	1/2	1.588.28	1/2	1.238.09	1/2	877.90	1/2	517.70	1/2	157.51		
3/4	3/4	5.152.58	3/4	4.832.50	3/4	4.472.31	3/4	4.112.12	3/4	3.751.93	3/4	3.391.74	3/4	3.031.54	3/4	2.671.35	3/4	2.311.16	3/4	1.950.97	3/4	1.580.78	3/4	1.230.59	3/4	870.39	3/4	510.20	3/4	150.01		
2	2	5.149.45	2	4.825.00	2	4.464.81	2	4.104.62	2	3.744.82	2	3.384.23	2	3.024.04	2	2.663.85	2	2.303.66	2	1.943.46	2	1.583.27	2	1.223.08	2	862.89	2	502.70	2	142.50		
1/4	1/4	5.146.33	1/4	4.817.50	1/4	4.457.30	1/4	4.097.11	1/4	3.736.92	1/4	3.376.73	1/4	3.016.54	1/4	2.656.34	1/4	2.296.15	1/4	1.935.96	1/4	1.575.77	1/4	1.215.58	1/4	855.38	1/4	495.19	1/4	135.00		
1/2	1/2	5.143.21	1/2	4.809.99	1/2	4.449.80	1/2	4.089.61	1/2	3.729.42	1/2	3.369.42	1/2	3.009.03	1/2	2.648.84	1/2	2.288.65	1/2	1.928.46	1/2	1.568.26	1/2	1.208.07	1/2	847.88	1/2	487.69	1/2	127.50		
3/4	3/4	5.140.08	3/4	4.802.49	3/4	4.442.30	3/4	4.082.10	3/4	3.721.91	3/4	3.361.72	3/4	3.001.53	3/4	2.641.34	3/4	2.281.14	3/4	1.920.95	3/4	1.560.76	3/4	1.200.57	3/4	840.38	3/4	480.18	3/4	119.99		
3	3	5.135.71	3	4.794.98	3	4.434.79	3	4.074.60	3	3.714.41	3	3.354.22	3	2.994.02	3	2.633.83	3	2.273.64	3	1.913.45	3	1.553.26	3	1.193.06	3	832.87	3	472.68	3	112.49		
1/4	1/4	5.131.34	1/4	4.787.48	1/4	4.427.29	1/4	4.067.10	1/4	3.706.90	1/4	3.346.71	1/4	2.986.52	1/4	2.626.33	1/4	2.266.14	1/4	1.905.94	1/4	1.545.75	1/4	1.185.56	1/4	825.37	1/4	465.18	1/4	104.98		
1/2	1/2	5.126.97	1/2	4.779.98	1/2	4.419.78	1/2	4.059.59	1/2	3.699.40	1/2	3.339.21	1/2	2.979.02	1/2	2.618.82	1/2	2.258.53	1/2	1.898.44	1/2	1.538.25	1/2	1.178.06	1/2	817.66	1/2	457.67	1/2	97.48		
3/4	3/4	5.122.60	3/4	4.772.47	3/4	4.412.28	3/4	4.052.09	3/4	3.691.90	3/4	3.331.70	3/4	2.971.51	3/4	2.611.32	3/4	2.251.13	3/4	1.890.94	3/4	1.530.74	3/4	1.170.55	3/4	810.36	3/4	450.17	3/4	89.88		
4	4	5.116.98	4	4.764.97	4	4.404.78	4	4.044.58	4	3.684.39	4	3.324.20	4	2.964.01	4	2.603.82	4	2.243.62	4	1.883.43	4	1.523.24	4	1.163.05	4	802.86	4	442.66	4	82.47		
1/4	1/4	5.111.35	1/4	4.757.46	1/4	4.397.27	1/4	4.037.08	1/4	3.676.89	1/4	3.316.70	1/4	2.956.50	1/4	2.596.31	1/4	2.236.12	1/4	1.875.93	1/4	1.515.74	1/4	1.155.54	1/4	795.35	1/4	435.16	1/4	74.97		
1/2	1/2	5.105.73	1/2	4.749.96	1/2	4.389.77	1/2	4.029.58	1/2	3.669.38	1/2	3.308.19	1/2	2.949.00	1/2	2.588.81	1/2	2.228.62	1/2	1.868.42	1/2	1.508.23	1/2	1.148.04	1/2	787.85	1/2	427.66	1/2	67.46		
3/4	3/4	5.100.11	3/4	4.742.46	3/4	4.382.26	3/4	4.022.07	3/4	3.661.88	3/4	3.301.69	3/4	2.941.50	3/4	2.581.30	3/4	2.221.11	3/4	1.860.92	3/4	1.500.73	3/4	1.140.54	3/4	780.34	3/4	420.15	3/4	59.86		
5	5	5.093.24	5	4.734.95	5	4.374.76	5	4.014.57	5	3.654.38	5	3.294.18	5	2.933.99	5	2.573.80	5	2.213.61	5	1.853.42	5	1.493.22	5	1.133.03	5	772.84	5	412.65	5	53.40		
1/4	1/4	5.086.37	1/4	4.727.45	1/4	4.367.26	1/4	4.007.06	1/4	3.646.87	1/4	3.286.68	1/4	2.926.48	1/4	2.566.30	1/4	2.206.10	1/4	1.845.91	1/4	1.485.72	1/4	1.125.53	1/4	765.34	1/4	405.14	1/4	46.84		
1/2	1/2	5.079.50	1/2	4.719.94	1/2	4.359.75	1/2	3.999.56	1/2	3.639.37	1/2	3.278.18	1/2	2.918.98	1/2	2.558.79	1/2	2.198.60	1/2	1.838.41	1/2	1.478.22	1/2	1.118.02	1/2	757.83	1/2	397.64	1/2	40.29		
3/4	3/4	5.072.63	3/4	4.712.44	3/4	4.352.25	3/4	3.992.06	3/4	3.631.86	3/4	3.271.67	3/4	2.911.48	3/4	2.551.29	3/4	2.191.10	3/4	1.830.90	3/4	1.470.71	3/4	1.110.52	3/4	750.33	3/4	390.14	3/4	33.73		
6	6	5.065.13	6	4.704.94	6	4.344.74	6	3.984.54	6	3.624.36	6	3.264.17	6	2.903.98	6	2.543.78	6	2.183.59	6	1.823.40	6	1.463.21	6	1.103.02	6	732.82	6	382.63	6	29.04		
1/4	1/4	5.057.62	1/4	4.697.43	1/4	4.337.24	1/4	3.977.05	1/4	3.616.86	1/4	3.256.66	1/4	2.896.47	1/4	2.536.26	1/4	2.176.09	1/4	1.815.90	1/4	1.455.70	1/4	1.095.51	1/4	735.32	1/4	375.13	1/4	24.36		
1/2	1/2	5.050.12	1/2	4.689.93	1/2	4.329.74	1/2	3.969.54	1/2	3.609.35	1/2	3.248.16	1/2	2.888.97	1/2	2.528.78	1/2	2.168.58	1/2	1.808.39	1/2	1.448.20	1/2	1.088.01	1/2	727.82	1/2	367.62	1/2	19.68		
3/4	3/4	5.042.62	3/4	4.682.42	3/4	4.322.23	3/4	3.962.04	3/4	3.601.85	3/4	3.241.66	3/4	2.881.46	3/4	2.521.27	3/4	2.161.08	3/4	1.800.89	3/4	1.440.70	3/4	1.100.50	3/4	720.31	3/4	360.12	3/4	14.99		
7	7	5.035.11	7	4.674.92	7	4.314.73	7	3.954.54	7	3.594.34	7	3.234.15	7	2.873.96	7	2.513.77	7	2.153.58	7	1.793.38	7	1.433.19	7	1.073.00	7	712.81	7	352.62	7	7		
1/4	1/4	5.027.61	1/4	4.667.42	1/4	4.307.22	1/4	3.947.03	1/4	3.586.84	1/4	3.226.65	1/4	2.866.46	1/4	2.506.26	1/4	2.146.07	1/4	1.785.88	1/4	1.425.69	1/4	1.065.50	1/4	705.50	1/4	345.11	1/4	31.50		
1/2	1/2	5.020.10	1/2	4.659.91	1/2	4.299.72	1/2	3.939.53	1/2	3.579.34	1/2	3.219.14	1/2	2.858.95	1/2	2.488.76	1/2	2.138.57	1/2	1.778.38	1/2	1.418.18	1/2	1.057.99	1/2	697.80	1/2	337.61	1/2	12		
3/4																																



INSPECTORATE

ISO 9002 ACCREDITED

BARGE "MPC-810"
MARATHON PETROLEUM CORP.

OUTAGE TABLE

2 STAR

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

HULL NO. 2170-2

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.	
N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I
0	0	0	0	4,900.04	0	4,539.85	0	4,179.66	0	3,819.46	0	3,458.27	0	3,099.08	0	2,738.89	0	2,378.70	0	2,018.50	0	1,658.31	0	1,298.12	0	937.93	0	577.74	0	217.54	
1/4	1/4	4,892.54	1/4	4,532.34	1/4	4,172.15	1/4	3,811.96	1/4	3,451.77	1/4	3,091.58	1/4	2,731.38	1/4	2,371.19	1/4	2,011.00	1/4	1,650.81	1/4	1,290.62	1/4	930.42	1/4	570.23	1/4	210.04			
1/2	1/2	4,885.03	1/2	4,524.84	1/2	4,164.65	1/2	3,804.46	1/2	3,444.26	1/2	3,084.07	1/2	2,723.88	1/2	2,363.69	1/2	2,003.50	1/2	1,643.30	1/2	1,283.11	1/2	922.92	1/2	562.73	1/2	202.54			
3/4	3/4	4,877.53	3/4	4,517.34	3/4	4,157.34	3/4	3,796.93	3/4	3,436.76	3/4	3,073.57	3/4	2,713.38	3/4	2,353.18	3/4	1,993.99	3/4	1,633.80	3/4	1,273.61	3/4	915.42	3/4	555.22	3/4	195.03			
1	1	4,870.02	1	4,509.83	1	4,149.64	1	3,789.45	1	3,429.26	1	3,069.06	1	2,708.87	1	2,348.68	1	1,988.49	1	1,628.30	1	1,268.10	1	907.91	1	547.72	1	187.53			
1/4	1/4	4,862.52	1/4	4,502.33	1/4	4,142.63	1/4	3,781.94	1/4	3,421.75	1/4	3,061.56	1/4	2,701.37	1/4	2,338.17	1/4	1,980.98	1/4	1,620.79	1/4	1,260.60	1/4	900.41	1/4	540.22	1/4	180.02			
1/2	1/2	4,855.02	1/2	4,494.92	1/2	4,134.63	1/2	3,774.44	1/2	3,414.25	1/2	3,054.06	1/2	2,693.86	1/2	2,331.67	1/2	1,973.48	1/2	1,613.29	1/2	1,253.10	1/2	892.90	1/2	532.71	1/2	175.52			
3/4	3/4	4,847.51	3/4	4,487.32	3/4	4,127.13	3/4	3,766.93	3/4	3,406.74	3/4	3,046.55	3/4	2,686.86	3/4	2,326.16	3/4	1,965.98	3/4	1,605.28	3/4	1,245.59	3/4	885.40	3/4	525.21	3/4	165.02			
2	2	4,840.01	2	4,479.82	2	4,119.62	2	3,759.43	2	3,399.24	2	3,039.03	2	2,678.86	2	2,316.16	2	1,958.47	2	1,598.28	2	1,238.07	2	877.90	2	517.20	2	157.51			
1/4	1/4	4,832.50	1/4	4,472.31	1/4	4,112.12	1/4	3,751.93	1/4	3,391.74	1/4	3,031.54	1/4	2,671.35	1/4	2,311.16	1/4	1,950.97	1/4	1,590.78	1/4	1,230.58	1/4	870.39	1/4	510.20	1/4	150.01			
1/2	1/2	4,825.00	1/2	4,464.81	1/2	4,104.62	1/2	3,744.42	1/2	3,384.23	1/2	3,024.04	1/2	2,663.85	1/2	2,303.66	1/2	1,943.43	1/2	1,583.27	1/2	1,223.08	1/2	862.89	1/2	502.70	1/2	142.50			
3/4	3/4	4,817.50	3/4	4,457.30	3/4	4,097.11	3/4	3,736.92	3/4	3,376.73	3/4	3,016.54	3/4	2,653.34	3/4	2,293.15	3/4	1,935.96	3/4	1,575.77	3/4	1,215.58	3/4	855.38	3/4	495.19	3/4	135.00			
3	3	4,809.99	3	4,449.80	3	4,089.61	3	3,729.42	3	3,369.22	3	3,009.03	3	2,648.84	3	2,288.65	3	1,928.46	3	1,568.26	3	1,208.07	3	847.88	3	487.89	3	127.50			
1/4	1/4	4,802.49	1/4	4,442.30	1/4	4,082.10	1/4	3,721.91	1/4	3,361.72	1/4	3,001.53	1/4	2,643.84	1/4	2,281.14	1/4	1,920.95	1/4	1,560.76	1/4	1,200.57	1/4	840.38	1/4	480.18	1/4	119.99			
1/2	1/2	4,794.98	1/2	4,434.79	1/2	4,074.60	1/2	3,714.41	1/2	3,354.22	1/2	2,994.02	1/2	2,633.83	1/2	2,273.64	1/2	1,913.45	1/2	1,553.26	1/2	1,193.06	1/2	832.87	1/2	472.68	1/2	112.49			
3/4	3/4	4,787.48	3/4	4,427.29	3/4	4,067.10	3/4	3,706.90	3/4	3,346.71	3/4	2,986.52	3/4	2,623.33	3/4	2,262.14	3/4	1,905.94	3/4	1,545.75	3/4	1,185.56	3/4	825.37	3/4	465.18	3/4	104.98			
4	4	4,779.98	4	4,419.78	4	4,059.59	4	3,699.40	4	3,339.21	4	2,979.02	4	2,618.82	4	2,258.63	4	1,898.44	4	1,538.25	4	1,178.06	4	817.86	4	457.67	4	97.48			
1/4	1/4	4,772.47	1/4	4,412.28	1/4	4,052.09	1/4	3,691.90	1/4	3,331.70	1/4	2,971.51	1/4	2,611.32	1/4	2,251.13	1/4	1,890.94	1/4	1,530.74	1/4	1,170.55	1/4	810.36	1/4	450.17	1/4	89.98			
1/2	1/2	4,764.97	1/2	4,404.78	1/2	4,044.57	1/2	3,684.39	1/2	3,324.20	1/2	2,964.01	1/2	2,603.82	1/2	2,243.62	1/2	1,883.43	1/2	1,523.24	1/2	1,163.05	1/2	802.86	1/2	442.66	1/2	82.47			
3/4	3/4	4,757.46	3/4	4,397.27	3/4	4,037.08	3/4	3,676.89	3/4	3,316.70	3/4	2,956.50	3/4	2,596.31	3/4	2,236.12	3/4	1,875.93	3/4	1,515.74	3/4	1,155.54	3/4	795.35	3/4	435.16	3/4	74.97			
5	5	4,749.96	5	4,389.77	5	4,029.58	5	3,669.38	5	3,309.19	5	2,949.00	5	2,588.81	5	2,228.62	5	1,868.42	5	1,508.23	5	1,148.04	5	787.85	5	427.66	5	67.46			
1/4	1/4	4,742.46	1/4	4,382.26	1/4	4,022.07	1/4	3,661.88	1/4	3,301.69	1/4	2,941.50	1/4	2,581.30	1/4	2,221.11	1/4	1,860.92	1/4	1,500.73	1/4	1,140.54	1/4	780.34	1/4	420.15	1/4	59.96			
1/2	1/2	4,734.95	1/2	4,374.76	1/2	4,014.57	1/2	3,654.37	1/2	3,294.18	1/2	2,933.99	1/2	2,573.80	1/2	2,213.61	1/2	1,853.42	1/2	1,493.22	1/2	1,133.03	1/2	772.84	1/2	412.65	1/2	53.40			
3/4	3/4	4,727.45	3/4	4,367.26	3/4	4,007.06	3/4	3,646.87	3/4	3,286.68	3/4	2,926.49	3/4	2,566.30	3/4	2,206.10	3/4	1,845.91	3/4	1,485.72	3/4	1,125.53	3/4	765.34	3/4	405.14	3/4	46.84			
6	6	4,719.94	6	4,359.75	6	3,999.96	6	3,639.37	6	3,279.18	6	2,918.96	6	2,568.79	6	2,191.60	6	1,838.41	6	1,478.22	6	1,118.02	6	757.83	6	397.64	6	40.29			
1/4	1/4	4,712.44	1/4	4,352.25	1/4	3,992.06	1/4	3,631.86	1/4	3,271.47	1/4	2,911.48	1/4	2,561.29	1/4	2,191.10	1/4	1,830.90	1/4	1,470.71	1/4	1,110.52	1/4	750.33	1/4	390.14	1/4	33.73			
1/2	1/2	4,704.94	1/2	4,344.74	1/2	3,984.55	1/2	3,624.36	1/2	3,264.26	1/2	2,903.98	1/2	2,551.28	1/2	2,183.59	1/2	1,823.40	1/2	1,463.21	1/2	1,103.02	1/2	742.82	1/2	382.63	1/2	29.04			
3/4	3/4	4,697.43	3/4	4,337.24	3/4	3,977.05	3/4	3,616.86	3/4	3,256.66	3/4	2,896.47	3/4	2,536.28	3/4	2,176.09	3/4	1,815.90	3/4	1,455.70	3/4	1,095.51	3/4	735.32	3/4	375.13	3/4	24.36			
7	7	4,689.93	7	4,329.74	7	3,969.54	7	3,609.35	7	3,249.16	7	2,888.97	7	2,528.78	7	2,168.58	7	1,808.39	7	1,448.20	7	1,088.01	7	727.82	7	367.62	7	19.68			
1/4	1/4	4,682.42	1/4	4,322.23	1/4	3,962.04	1/4	3,601.85	1/4	3,241.66	1/4	2,881.46	1/4	2,521.27	1/4	2,161.08	1/4	1,800.89	1/4	1,437.10	1/4	1,076.81	1/4	720.31	1/4	360.12	1/4	14.99			
1/2	1/2	4,674.92	1/2	4,314.73	1/2	3,954.54	1/2	3,594.34	1/2	3,234.15	1/2	2,873.96	1/2	2,513.77	1/2	2,153.58	1/2	1,793.38	1/2	1,433.19	1/2	1,072.81	1/2	712.81	1/2	352.62	1/2	12.81			
3/4	3/4	4,667.42	3/4	4,307.22	3/4	3,947.03	3/4	3,586.84	3/4	3,226.65	3/4	2,866.46	3/4	2,506.26	3/4	2,146.07	3/4	1,785.88	3/4	1,425.69	3/4	1,065.50	3/4	705.30	3/4	345.11	3/4	11.54			
8	8	4,659.91	8	4,299.72	8	3,939.93	8	3,579.34	8	3,219.14	8	2,858.95	8	2,498.76	8	2,138.57	8	1,778.38	8	1,418.18	8	1,057.99	8	697.80	8	337.61	8	10.54			
1/4	1/4	4,652.41	1/4	4,292.22	1/4	3,932.02	1/4	3,571.83	1/4	3,211.64	1/4	2,851.45	1/4	2,491.26	1/4	2,131.06	1/4	1,770.87	1/4	1,410.68	1/4	1,050.48	1/4	690.30	1/4	330.10	1/4	9.54			
1/2	1/2	4,644.90	1/2	4,284.71	1/2	3,924.52	1/2	3,564.33	1/2	3,204.14	1/2	2,843.94	1/2	2,483.75	1/2	2,123.56	1/2	1,763.37	1/2	1,403.18	1/2	1,042.98	1/2	682.79	1/2	322.60	1/2	8.54			
3/4	3/4	4,637.40	3/4	4,277.21	3/4	3,917.02	3/4	3,556.82	3/4	3,196.63	3/4	2,836.44	3/4	2,476.25	3/4	2,116.06	3/4	1,755.86	3/4	1,395.67	3/4	1,035.48	3/4	675.29	3/4	315.10	3/4	7.54			
9	9	4,629.90	9	4,269.70	9	3,909.51	9	3,549.32	9	3,189.13	9	2,828.94	9	2,468.74	9	2,108.55	9	1,748.36	9	1,388.17	9	1,027.98	9	667.78	9	307.59	9	6.54			
1/4	1/4	4,622.39	1/4	4,262.20	1/4	3,902.01	1/4	3,541.82	1/4	3,181.62	1/4	2,821.43	1/4	2,461.24	1/4	2,101.05	1/4	1,740.86	1/4	1,380.66	1/4	1,020.47	1/4	660.28	1/4	300.09	1/4	5.54			
1/2	1/2	4,614.89	1/2	4,254.70	1/2	3,894.50	1/2	3,534.31	1/2	3,174.12	1/2	2,813.93	1/2	2,453.74	1/2	2,093.54	1/2	1,733.35	1/2	1,373.16	1/2	1,012.97	1/2	652.78	1/2	292.58	1/2	4.54			
3/4	3/4	4,607.38	3/4	4,247.19	3/4	3,887.00	3/4	3,526.81	3/4	3,166.62	3/4	2,806.42	3/4	2,446.23	3/4	2,086.04	3/4	1,725.85	3/4	1,365.66	3/4	1,005.46	3/4	645.27	3/4	286.08	3/4	3.54			
10	10	4,599.88	10	4,239.69	10	3,879.50	10	3,519.30	10	3,159.11	10	2,798.92	10	2,438.73	10	2,078.54	10	1,718.34	10	1,358.15	10	997.96	10	637.77	10	277.58	10	2.54			
1/4	1/4	4,592.38	1/4	4,232.18	1/4	3,871.99	1/4	3,5																							

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 11/14/07

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 15'-7 1/4" (TO RIM OF 2" DIAMETER BALL VALVE)

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



INSPECTORATE

ISO 9002 ACCREDITED

BARGE "MPC-810"
MARATHON PETROLEUM CORP.

OUTAGE TABLE

3 PORT

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

HULL NO. 2170-1

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	4,731.93	0	4,525.33	0	4,255.13	0	3,984.94	0	3,712.05	0	3,431.87	0	3,074.18	0	2,715.14	0	2,356.10	0	1,997.06	0	1,638.02	0	1,278.98	0	919.94	0	560.90	0	201.86		
1/4	1/4	4,731.56	1/4	4,519.70	1/4	4,249.50	1/4	3,979.31	1/4	3,706.31	1/4	3,425.74	1/4	3,069.22	1/4	2,707.66	1/4	2,348.52	1/4	1,989.58	1/4	1,630.54	1/4	1,271.50	1/4	912.46	1/4	553.42	1/4	194.88		
1/2	1/2	4,731.19	1/2	4,514.07	1/2	4,243.86	1/2	3,973.68	1/2	3,700.58	1/2	3,418.26	1/2	3,069.22	1/2	2,700.18	1/2	2,341.14	1/2	1,982.10	1/2	1,622.06	1/2	1,264.02	1/2	904.98	1/2	545.94	1/2	186.50		
3/4	3/4	4,730.82	3/4	4,508.44	3/4	4,238.25	3/4	3,968.05	3/4	3,695.84	3/4	3,410.78	3/4	3,061.74	3/4	2,692.92	3/4	2,333.66	3/4	1,974.62	3/4	1,613.58	3/4	1,256.54	3/4	897.50	3/4	538.46	3/4	179.42		
1	1	4,729.49	1	4,502.81	1	4,232.62	1	3,962.43	1	3,689.10	1	3,403.30	1	3,044.26	1	2,685.22	1	2,326.15	1	1,967.14	1	1,608.10	1	1,249.06	1	890.02	1	530.98	1	171.94		
1/4	1/4	4,728.17	1/4	4,497.18	1/4	4,226.99	1/4	3,956.80	1/4	3,683.36	1/4	3,396.82	1/4	3,029.30	1/4	2,677.74	1/4	2,318.70	1/4	1,959.66	1/4	1,600.62	1/4	1,241.58	1/4	882.54	1/4	523.50	1/4	164.66		
1/2	1/2	4,726.84	1/2	4,491.55	1/2	4,221.36	1/2	3,951.17	1/2	3,677.63	1/2	3,388.34	1/2	3,029.30	1/2	2,670.26	1/2	2,311.22	1/2	1,952.18	1/2	1,593.14	1/2	1,234.10	1/2	875.06	1/2	516.02	1/2	155.98		
3/4	3/4	4,725.51	3/4	4,485.92	3/4	4,215.73	3/4	3,945.54	3/4	3,671.89	3/4	3,380.86	3/4	3,021.82	3/4	2,662.78	3/4	2,303.74	3/4	1,944.70	3/4	1,585.66	3/4	1,226.62	3/4	867.98	3/4	508.54	3/4	149.50		
2	2	4,723.23	2	4,480.29	2	4,210.10	2	3,939.91	2	3,666.15	2	3,373.38	2	3,014.34	2	2,655.30	2	2,296.26	2	1,937.22	2	1,578.18	2	1,219.14	2	852.62	2	501.06	2	142.02		
1/4	1/4	4,720.95	1/4	4,474.66	1/4	4,204.47	1/4	3,934.28	1/4	3,660.42	1/4	3,365.90	1/4	3,006.86	1/4	2,647.82	1/4	2,288.78	1/4	1,929.74	1/4	1,570.70	1/4	1,211.66	1/4	845.14	1/4	493.58	1/4	134.54		
1/2	1/2	4,718.67	1/2	4,469.04	1/2	4,198.84	1/2	3,928.65	1/2	3,654.68	1/2	3,358.42	1/2	2,999.38	1/2	2,640.34	1/2	2,281.30	1/2	1,922.26	1/2	1,563.22	1/2	1,204.18	1/2	837.16	1/2	486.10	1/2	127.06		
3/4	3/4	4,716.39	3/4	4,463.41	3/4	4,193.21	3/4	3,923.02	3/4	3,648.94	3/4	3,350.94	3/4	2,991.90	3/4	2,632.86	3/4	2,273.82	3/4	1,914.78	3/4	1,555.74	3/4	1,196.70	3/4	830.66	3/4	478.62	3/4	119.58		
3	3	4,713.15	3	4,457.78	3	4,187.59	3	3,917.39	3	3,643.21	3	3,343.46	3	2,984.42	3	2,625.38	3	2,266.34	3	1,907.30	3	1,548.26	3	1,189.22	3	820.18	3	471.14	3	112.10		
1/4	1/4	4,709.91	1/4	4,452.15	1/4	4,181.96	1/4	3,911.76	1/4	3,637.47	1/4	3,335.88	1/4	2,979.46	1/4	2,617.90	1/4	2,258.86	1/4	1,899.82	1/4	1,540.78	1/4	1,181.74	1/4	815.22	1/4	463.66	1/4	104.62		
1/2	1/2	4,706.67	1/2	4,446.52	1/2	4,176.33	1/2	3,906.14	1/2	3,631.73	1/2	3,328.50	1/2	2,969.46	1/2	2,610.42	1/2	2,251.38	1/2	1,892.34	1/2	1,533.30	1/2	1,174.26	1/2	807.74	1/2	456.18	1/2	97.14		
3/4	3/4	4,703.43	3/4	4,440.89	3/4	4,170.70	3/4	3,900.51	3/4	3,625.99	3/4	3,321.02	3/4	2,961.98	3/4	2,602.94	3/4	2,243.90	3/4	1,884.86	3/4	1,523.82	3/4	1,166.78	3/4	807.74	3/4	448.70	3/4	88.66		
4	4	4,699.24	4	4,435.26	4	4,165.07	4	3,894.88	4	3,620.26	4	3,313.54	4	2,954.58	4	2,595.46	4	2,236.42	4	1,877.38	4	1,518.34	4	1,159.30	4	800.26	4	441.22	4	82.18		
1/4	1/4	4,696.04	1/4	4,429.63	1/4	4,159.44	1/4	3,889.25	1/4	3,614.52	1/4	3,306.06	1/4	2,947.02	1/4	2,587.98	1/4	2,228.94	1/4	1,869.90	1/4	1,510.86	1/4	1,151.82	1/4	792.78	1/4	433.74	1/4	47.70		
1/2	1/2	4,690.85	1/2	4,424.00	1/2	4,153.81	1/2	3,883.62	1/2	3,608.78	1/2	3,298.58	1/2	2,939.54	1/2	2,580.50	1/2	2,221.46	1/2	1,862.42	1/2	1,503.88	1/2	1,144.34	1/2	785.30	1/2	426.26	1/2	67.22		
3/4	3/4	4,686.65	3/4	4,418.37	3/4	4,148.18	3/4	3,877.99	3/4	3,603.05	3/4	3,291.10	3/4	2,932.06	3/4	2,573.02	3/4	2,213.98	3/4	1,854.94	3/4	1,495.90	3/4	1,136.86	3/4	777.82	3/4	418.78	3/4	59.74		
5	5	4,681.50	5	4,412.75	5	4,142.55	5	3,872.36	5	3,597.31	5	3,283.62	5	2,924.58	5	2,565.54	5	2,206.50	5	1,847.46	5	1,488.42	5	1,129.38	5	770.34	5	411.30	5	53.20		
1/4	1/4	4,676.35	1/4	4,407.12	1/4	4,136.92	1/4	3,866.73	1/4	3,591.57	1/4	3,276.14	1/4	2,917.10	1/4	2,558.06	1/4	2,199.02	1/4	1,839.98	1/4	1,480.94	1/4	1,121.90	1/4	762.86	1/4	403.82	1/4	46.67		
1/2	1/2	4,671.20	1/2	4,401.49	1/2	4,131.30	1/2	3,861.10	1/2	3,585.84	1/2	3,266.66	1/2	2,909.62	1/2	2,550.58	1/2	2,191.54	1/2	1,832.50	1/2	1,473.46	1/2	1,114.42	1/2	755.38	1/2	396.34	1/2	40.13		
3/4	3/4	4,666.05	3/4	4,395.86	3/4	4,125.67	3/4	3,855.47	3/4	3,580.10	3/4	3,261.18	3/4	2,902.14	3/4	2,543.10	3/4	2,184.06	3/4	1,825.02	3/4	1,465.98	3/4	1,106.94	3/4	747.90	3/4	388.86	3/4	33.60		
6	6	4,660.42	6	4,390.23	6	4,120.04	6	3,849.74	6	3,574.36	6	3,253.70	6	2,894.66	6	2,535.62	6	2,176.58	6	1,817.54	6	1,458.50	6	1,099.46	6	740.42	6	381.38	6	28.93		
1/4	1/4	4,654.79	1/4	4,384.60	1/4	4,114.41	1/4	3,844.00	1/4	3,568.62	1/4	3,246.22	1/4	2,887.18	1/4	2,528.14	1/4	2,169.10	1/4	1,810.06	1/4	1,451.02	1/4	1,091.98	1/4	732.94	1/4	373.90	1/4	24.27		
1/2	1/2	4,649.16	1/2	4,378.97	1/2	4,108.78	1/2	3,838.26	1/2	3,562.85	1/2	3,238.74	1/2	2,879.70	1/2	2,520.66	1/2	2,161.62	1/2	1,802.58	1/2	1,443.54	1/2	1,084.50	1/2	725.46	1/2	366.42	1/2	19.60		
3/4	3/4	4,643.53	3/4	4,373.34	3/4	4,103.15	3/4	3,832.53	3/4	3,557.08	3/4	3,231.26	3/4	2,872.22	3/4	2,513.18	3/4	2,154.14	3/4	1,795.10	3/4	1,436.06	3/4	1,077.02	3/4	717.98	3/4	358.94	3/4	14.93		
7	7	4,637.91	7	4,367.71	7	4,097.52	7	3,826.79	7	3,551.31	7	3,223.78	7	2,864.74	7	2,505.70	7	2,146.66	7	1,787.62	7	1,428.58	7	1,069.54	7	710.50	7	351.46	7			
1/4	1/4	4,632.28	1/4	4,362.08	1/4	4,091.89	1/4	3,821.05	1/4	3,545.53	1/4	3,216.30	1/4	2,857.26	1/4	2,498.22	1/4	2,139.18	1/4	1,780.14	1/4	1,421.10	1/4	1,061.06	1/4	703.02	1/4	343.98	1/4			
1/2	1/2	4,626.65	1/2	4,356.46	1/2	4,086.26	1/2	3,815.32	1/2	3,539.69	1/2	3,208.82	1/2	2,849.78	1/2	2,490.74	1/2	2,131.70	1/2	1,772.66	1/2	1,413.62	1/2	1,054.58	1/2	695.54	1/2	336.50	1/2			
3/4	3/4	4,621.02	3/4	4,350.83	3/4	4,080.63	3/4	3,809.58	3/4	3,533.8																						



ISO 9002 ACCREDITED

BARGE "MPC-810"
MARATHON PETROLEUM CORP.

OUTAGE TABLE

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

HULL NO. 2170-1

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.	
N	n	N	n	N	n	N	n	N	n	N	n	N	n	N	n	N	n	N	n	N	n	N	n	N	n	N	n	N	n	N	n
0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4
1	1/4	4,731.56	1/4	4,519.70	1/4	4,299.50	1/4	3,979.31	1/4	3,706.31	1/4	3,418.26	1/4	3,069.22	1/4	2,707.66	1/4	2,348.62	1/4	1,989.58	1/4	1,630.54	1/4	1,271.50	1/4	912.46	1/4	553.42	1/4	194.38	1/4
2	1/4	4,731.19	1/4	4,514.07	1/4	4,293.88	1/4	3,973.68	1/4	3,700.58	1/4	3,418.26	1/4	3,069.22	1/4	2,700.18	1/4	2,341.14	1/4	1,982.10	1/4	1,623.06	1/4	1,264.02	1/4	897.50	1/4	545.94	1/4	186.90	1/4
3	1/4	4,730.82	1/4	4,508.44	1/4	4,288.25	1/4	3,968.05	1/4	3,694.84	1/4	3,410.78	1/4	3,061.74	1/4	2,692.70	1/4	2,333.66	1/4	1,974.62	1/4	1,615.58	1/4	1,256.54	1/4	897.50	1/4	538.46	1/4	179.42	1/4
4	3/4	4,729.49	3/4	4,502.81	3/4	4,282.62	3/4	3,962.43	3/4	3,689.10	3/4	3,403.30	3/4	3,046.26	3/4	2,685.22	3/4	2,326.18	3/4	1,967.14	3/4	1,608.10	3/4	1,249.06	3/4	890.02	3/4	530.98	3/4	171.94	3/4
5	1	4,728.17	1	4,497.18	1	4,226.99	1	3,956.80	1	3,683.36	1	3,395.82	1	3,036.78	1	2,677.74	1	2,318.70	1	1,959.66	1	1,600.62	1	1,241.58	1	882.54	1	523.50	1	164.46	1
6	1/4	4,726.84	1/4	4,491.55	1/4	4,221.36	1/4	3,951.17	1/4	3,677.63	1/4	3,388.34	1/4	3,029.30	1/4	2,670.26	1/4	2,311.22	1/4	1,952.18	1/4	1,593.64	1/4	1,234.10	1/4	875.06	1/4	516.02	1/4	156.98	1/4
7	1/4	4,725.51	1/4	4,485.92	1/4	4,215.73	1/4	3,943.94	1/4	3,671.89	1/4	3,380.86	1/4	3,021.82	1/4	2,662.78	1/4	2,303.74	1/4	1,944.70	1/4	1,585.66	1/4	1,228.62	1/4	867.58	1/4	508.54	1/4	149.50	1/4
8	3/4	4,723.23	3/4	4,480.29	3/4	4,210.10	3/4	3,939.91	3/4	3,666.15	3/4	3,373.38	3/4	3,014.34	3/4	2,655.30	3/4	2,298.76	3/4	1,937.22	3/4	1,578.18	3/4	1,219.14	3/4	860.10	3/4	501.06	3/4	142.02	3/4
9	2	4,720.95	2	4,474.66	2	4,204.47	2	3,934.28	2	3,660.42	2	3,356.90	2	3,006.86	2	2,647.82	2	2,286.82	2	1,927.74	2	1,569.38	2	1,211.66	2	852.62	2	493.58	2	134.54	2
10	1/4	4,718.67	1/4	4,469.04	1/4	4,198.84	1/4	3,928.65	1/4	3,654.68	1/4	3,358.42	1/4	2,999.38	1/4	2,640.34	1/4	2,281.30	1/4	1,922.26	1/4	1,565.74	1/4	1,204.18	1/4	845.14	1/4	488.62	1/4	127.06	1/4
11	1/4	4,716.39	1/4	4,463.41	1/4	4,193.21	1/4	3,923.92	1/4	3,648.91	1/4	3,350.94	1/4	2,991.90	1/4	2,632.86	1/4	2,273.82	1/4	1,914.78	1/4	1,559.32	1/4	1,196.70	1/4	837.68	1/4	478.10	1/4	119.58	1/4

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 15'-6 1/2" (TO RIM OF 2" DIAMETER BALL VALVE 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