



BARGE "MPC-630"

MARATHON PETROLEUM CORP.

HULL NO. 2169-3

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 1/2"	NIL
2'-0"	(+) 0' - 0 5/8"	(+) 0' - 0 5/8"	NIL
2'-6"	(+) 0' - 0 3/4"	(+) 0' - 0 3/4"	NIL
3'-0"	(+) 0' - 0 7/8"	(+) 0' - 0 7/8"	NIL
3'-6"	(+) 0' - 1"	(+) 0' - 1"	NIL
4'-0"	(+) 0' - 1 1/8"	(+) 0' - 1 1/4"	NIL
4'-6"	(+) 0' - 1 3/8"	(+) 0' - 1 3/8"	NIL
5'-0"	(+) 0' - 1 1/2"	(+) 0' - 1 1/2"	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: 3/25/08 BY: 
INSPECTORATE AMERICA CORPORATION



BARGE "MPC-630"
MARATHON PETROLEUM CORP.
OUTAGE TABLE

1 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 2169-3

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.	
M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
5.098.16	4.829.44	4.671.22	4.513.00	4.354.77	4.196.55	4.038.32	3.880.10	3.721.88	3.563.65	3.405.43	3.247.20	3.089.00	2.930.78	2.772.56	2.614.34	2.456.12	2.297.90	2.139.68	1.981.46	1.823.24	1.665.02	1.506.80	1.348.58	1.190.36	1.032.14	873.92	715.70	557.48	399.26	241.04	
5.097.53	4.828.98	4.670.76	4.512.54	4.354.32	4.196.10	4.037.88	3.879.66	3.721.44	3.563.22	3.405.00	3.246.78	3.088.56	2.930.34	2.772.12	2.613.90	2.455.68	2.297.46	2.139.24	1.981.02	1.822.80	1.664.58	1.506.36	1.348.14	1.189.92	1.031.70	873.48	715.26	557.24	399.02	240.82	
5.096.91	4.828.31	4.669.47	4.511.87	4.353.65	4.195.43	4.037.21	3.879.00	3.720.78	3.562.56	3.404.34	3.246.12	3.087.90	2.929.68	2.771.46	2.613.24	2.455.02	2.296.80	2.138.58	1.979.74	1.821.52	1.663.92	1.505.08	1.347.48	1.189.26	1.030.82	873.04	715.04	557.02	398.80	240.60	
5.096.29	4.827.69	4.668.85	4.511.25	4.353.03	4.194.81	4.036.59	3.878.38	3.719.16	3.561.94	3.403.72	3.245.50	3.087.28	2.929.06	2.770.84	2.612.62	2.454.40	2.295.78	2.137.56	1.978.72	1.820.70	1.663.30	1.504.68	1.346.44	1.188.82	1.030.60	872.58	714.82	556.80	398.58	240.38	
5.095.67	4.827.07	4.668.23	4.510.63	4.352.41	4.194.19	4.035.97	3.877.14	3.718.54	3.561.30	3.403.08	3.244.86	3.086.64	2.928.42	2.770.20	2.612.00	2.454.00	2.294.54	2.136.94	1.977.48	1.819.52	1.662.90	1.504.44	1.345.99	1.188.60	1.029.96	872.14	714.60	556.58	398.36	240.16	
5.095.05	4.826.45	4.667.61	4.510.01	4.351.79	4.193.57	4.034.73	3.876.52	3.717.30	3.560.66	3.402.46	3.243.62	3.085.40	2.927.18	2.769.58	2.611.38	2.453.38	2.293.92	2.135.70	1.976.86	1.818.96	1.662.66	1.504.22	1.345.77	1.188.38	1.029.74	871.92	714.38	556.36	398.14	240.00	
5.094.43	4.825.83	4.666.99	4.509.39	4.351.17	4.192.95	4.033.47	3.875.28	3.716.68	3.559.42	3.401.84	3.242.38	3.084.78	2.926.56	2.768.96	2.610.76	2.452.76	2.292.68	2.134.46	1.975.62	1.817.72	1.661.42	1.503.99	1.345.55	1.188.14	1.029.52	871.46	714.16	556.14	397.92	239.82	
5.093.81	4.825.21	4.666.37	4.508.77	4.350.55	4.192.33	4.032.85	3.874.66	3.715.44	3.558.18	3.400.60	3.241.78	3.083.54	2.925.94	2.768.34	2.610.14	2.452.14	2.291.44	2.133.84	1.974.38	1.816.48	1.660.80	1.503.77	1.345.33	1.187.92	1.029.30	871.00	713.94	555.92	397.70	239.60	
5.093.19	4.824.59	4.665.75	4.508.15	4.349.93	4.191.71	4.031.61	3.873.42	3.714.82	3.557.56	3.399.38	3.240.58	3.082.92	2.924.70	2.767.72	2.609.50	2.451.50	2.290.82	2.132.60	1.973.76	1.815.86	1.660.18	1.503.55	1.345.11	1.187.46	1.028.86	870.56	713.72	555.70	397.48	239.38	
5.092.57	4.823.97	4.664.51	4.507.53	4.349.31	4.191.09	4.030.99	3.872.18	3.713.58	3.556.94	3.398.76	3.239.96	3.081.68	2.923.46	2.766.48	2.608.26	2.450.88	2.289.58	2.131.40	1.972.52	1.814.62	1.659.56	1.503.33	1.344.89	1.187.22	1.028.64	870.12	713.50	555.48	397.26	239.16	
5.091.95	4.823.35	4.663.89	4.506.91	4.348.69	4.190.47	4.030.37	3.871.56	3.712.96	3.555.70	3.397.52	3.238.72	3.080.44	2.922.84	2.765.86	2.607.64	2.449.64	2.288.34	2.129.54	1.971.90	1.813.38	1.658.94	1.503.11	1.344.67	1.186.98	1.028.42	869.90	713.26	555.26	397.04	238.94	
5.091.33	4.822.73	4.663.27	4.506.29	4.348.07	4.189.23	4.029.75	3.870.94	3.712.34	3.554.46	3.396.90	3.237.48	3.079.82	2.921.60	2.764.62	2.606.40	2.448.40	2.287.10	2.128.30	1.970.66	1.812.76	1.658.32	1.502.89	1.344.45	1.186.76	1.028.20	869.46	713.02	555.04	396.82	238.72	
5.090.71	4.822.11	4.662.65	4.505.67	4.347.45	4.188.61	4.028.51	3.870.32	3.711.72	3.553.84	3.395.66	3.236.86	3.078.58	2.920.98	2.763.38	2.605.78	2.447.78	2.286.50	2.127.68	1.969.46	1.811.52	1.657.70	1.502.67	1.344.23	1.186.54	1.027.98	869.02	712.80	554.82	396.60	238.50	
5.090.09	4.821.49	4.662.03	4.504.43	4.346.83	4.187.99	4.027.89	3.869.70	3.710.48	3.552.60	3.394.42	3.235.62	3.077.96	2.919.74	2.762.14	2.604.54	2.446.54	2.285.26	2.126.44	1.968.84	1.810.30	1.656.46	1.502.45	1.344.01	1.186.32	1.027.76	868.58	712.58	554.60	396.38	238.28	
5.089.47	4.820.87	4.661.41	4.503.81	4.346.21	4.187.37	4.026.65	3.868.46	3.709.86	3.551.36	3.393.18	3.234.38	3.076.72	2.918.50	2.761.52	2.603.92	2.445.30	2.284.64	2.125.82	1.968.22	1.809.68	1.655.84	1.502.23	1.343.79	1.185.88	1.027.54	868.14	712.36	554.38	396.16	238.06	
5.088.85	4.820.25	4.660.79	4.503.19	4.345.59	4.186.75	4.025.41	3.867.22	3.708.62	3.550.74	3.391.94	3.233.76	3.075.50	2.917.30	2.759.66	2.603.30	2.444.68	2.283.96	2.124.96	1.967.60	1.808.80	1.655.22	1.502.01	1.343.57	1.185.66	1.027.32	867.70	712.14	554.16	395.94	237.84	
5.088.23	4.819.63	4.660.17	4.502.57	4.344.93	4.185.51	4.024.79	3.866.60	3.707.38	3.549.50	3.390.96	3.232.90	3.074.90	2.916.70	2.758.42	2.602.68	2.443.72	2.283.18	2.123.96	1.966.72	1.807.92	1.654.60	1.501.79	1.343.35	1.185.44	1.027.10	867.26	711.92	553.94	395.72	237.62	
5.087.61	4.818.39	4.659.55	4.501.95	4.344.35	4.184.89	4.023.85	3.865.98	3.706.76	3.548.52	3.390.00	3.232.04	3.073.92	2.915.52	2.757.50	2.601.82	2.442.84	2.282.22	2.122.94	1.966.04	1.807.04	1.654.00	1.501.57	1.343.13	1.185.22	1.026.88	866.82	711.70	553.72	395.50	237.40	
5.086.99	4.817.77	4.658.93	4.501.33	4.343.73	4.184.27	4.022.97	3.865.00	3.705.68	3.547.44	3.389.04	3.231.16	3.073.00	2.914.60	2.756.82	2.601.00	2.441.96	2.281.46	2.122.06	1.965.16	1.806.16	1.653.38	1.501.35	1.342.91	1.185.00	1.026.66	866.40	711.48	553.50	395.28	237.18	
5.086.37	4.817.15	4.658.31	4.500.71	4.343.11	4.183.65	4.022.09	3.864.08	3.704.60	3.546.40	3.388.16	3.230.34	3.072.04	2.913.64	2.756.14	2.600.14	2.441.08	2.280.96	2.121.56	1.964.78	1.805.18	1.652.60	1.501.13	1.342.69	1.184.78	1.026.44	866.00	711.26	553.28	395.06	236.96	
5.085.75	4.816.53	4.657.69	4.500.09	4.342.49	4.182.99	4.021.21	3.863.16	3.703.52	3.545.32	3.387.28	3.229.58	3.071.08	2.912.72	2.755.46	2.599.26	2.440.20	2.280.38	2.120.98	1.96												



ISO 9002 ACCREDITED

BARGE "MPC-630"
MARATHON PETROLEUM CORP.

OUTAGE TABLE

1 STAR

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

HULL NO. 2169-3

[illegible]

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 15'-7 1/4" (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



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HULL NO. 2169-3

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	O	N	O	N	O	N	O	N	O	N	O	N	O	N	O	N	O	N	O	N	O	N	O	N	O	N	O	N	O	N	O
0	4,723.74	0	4,723.74	0	4,611.88	0	4,321.68	0	3,971.49	0	3,699.49	0	3,417.92	0	3,059.74	0	2,701.56	0	2,343.39	0	1,985.21	0	1,627.04	0	1,268.86	0	910.68	0	552.51	0	194.33
1/4	4,723.37	1/4	4,723.37	1/4	4,506.25	1/4	4,236.06	1/4	3,965.86	1/4	3,692.76	1/4	3,410.45	1/4	3,052.28	1/4	2,694.10	1/4	2,335.93	1/4	1,977.75	1/4	1,619.57	1/4	1,261.40	1/4	903.22	1/4	545.05	1/4	186.57
1/2	4,723.00	1/2	4,500.52	1/2	4,230.43	1/2	3,960.23	1/2	3,687.12	1/2	3,404.82	1/2	3,120.99	1/2	2,762.82	1/2	2,404.64	1/2	2,046.47	1/2	1,688.30	1/2	1,330.12	1/2	971.95	1/2	613.67	1/2	255.12	1/2	88.88
3/4	4,721.67	3/4	4,494.99	3/4	4,224.80	3/4	3,954.61	3/4	3,681.28	3/4	3,395.83	3/4	3,107.35	3/4	2,749.18	3/4	2,390.99	3/4	2,032.80	3/4	1,674.61	3/4	1,316.43	3/4	958.26	3/4	599.99	3/4	239.99	3/4	68.88
1	4,720.35	1	4,489.36	1	4,219.17	1	3,948.98	1	3,676.54	1	3,388.81	1	3,100.81	1	2,742.64	1	2,384.45	1	2,026.26	1	1,668.07	1	1,309.89	1	951.52	1	593.25	1	234.52	1	63.33
1/4	4,719.02	1/4	4,483.73	1/4	4,213.54	1/4	3,943.35	1/4	3,669.81	1/4	3,380.81	1/4	3,092.81	1/4	2,734.64	1/4	2,376.45	1/4	2,018.26	1/4	1,659.87	1/4	1,301.89	1/4	944.01	1/4	585.73	1/4	225.01	1/4	62.33
1/2	4,717.69	1/2	4,478.10	1/2	4,207.91	1/2	3,937.72	1/2	3,664.07	1/2	3,373.14	1/2	3,075.14	1/2	2,716.97	1/2	2,358.78	1/2	2,000.59	1/2	1,642.40	1/2	1,284.42	1/2	925.01	1/2	566.46	1/2	215.01	1/2	61.33
3/4	4,716.41	3/4	4,472.47	3/4	4,202.28	3/4	3,932.09	3/4	3,658.33	3/4	3,366.88	3/4	3,068.88	3/4	2,710.71	3/4	2,352.52	3/4	1,994.33	3/4	1,636.15	3/4	1,278.17	3/4	919.01	3/4	559.73	3/4	205.01	3/4	60.33
2	4,713.21	2	4,468.84	2	4,195.65	2	3,926.46	2	3,652.60	2	3,356.28	2	3,058.28	2	2,700.11	2	2,341.92	2	1,983.73	2	1,625.54	2	1,267.36	2	911.25	2	552.51	2	200.01	2	59.33
1/4	4,710.85	1/4	4,461.22	1/4	4,191.02	1/4	3,920.83	1/4	3,646.88	1/4	3,350.76	1/4	3,052.76	1/4	2,694.59	1/4	2,336.40	1/4	1,978.21	1/4	1,619.03	1/4	1,260.05	1/4	910.01	1/4	550.73	1/4	194.33	1/4	58.33
1/2	4,708.57	1/2	4,455.59	1/2	4,185.39	1/2	3,915.20	1/2	3,641.12	1/2	3,343.50	1/2	3,045.50	1/2	2,687.33	1/2	2,329.14	1/2	1,972.95	1/2	1,613.76	1/2	1,255.87	1/2	903.22	1/2	545.05	1/2	186.57	1/2	57.33
3/4	4,705.33	3/4	4,449.96	3/4	4,179.77	3/4	3,909.57	3/4	3,635.39	3/4	3,335.83	3/4	3,037.83	3/4	2,681.66	3/4	2,317.47	3/4	1,963.28	3/4	1,603.09	3/4	1,245.95	3/4	888.30	3/4	470.43	3/4	400.58	3/4	82.40
3	4,702.09	3	4,444.33	3	4,444.33	3	4,174.14	3	3,903.94	3	3,629.65	3	3,320.97	3	3,028.32	3	2,612.02	3	2,235.84	3	1,885.67	3	1,537.49	3	1,179.32	3	821.64	3	462.59	3	104.79
1/4	4,698.85	1/4	4,438.70	1/4	4,168.61	1/4	3,898.32	1/4	3,624.91	1/4	3,346.50	1/4	3,054.10	1/4	2,761.69	1/4	2,468.28	1/4	2,165.86	1/4	1,863.05	1/4	1,510.24	1/4	1,157.85	1/4	813.68	1/4	456.50	1/4	97.33
1/2	4,696.61	1/2	4,433.07	1/2	4,163.88	1/2	3,892.69	1/2	3,617.12	1/2	3,331.45	1/2	3,033.45	1/2	2,735.04	1/2	2,437.63	1/2	2,132.22	1/2	1,827.81	1/2	1,472.81	1/2	1,117.81	1/2	786.75	1/2	425.65	1/2	67.48
3/4	4,691.42	3/4	4,427.44	3/4	4,157.25	3/4	3,887.06	3/4	3,612.44	3/4	3,305.99	3/4	3,007.99	3/4	2,700.99	3/4	2,392.99	3/4	2,084.99	3/4	1,776.99	3/4	1,468.99	3/4	1,160.99	3/4	786.75	3/4	425.65	3/4	67.48
4	4,687.22	4	4,421.81	4	4,151.62	4	3,881.43	4	3,606.70	4	3,298.52	4	2,990.35	4	2,682.18	4	2,374.01	4	2,065.84	4	1,757.67	4	1,449.30	4	1,140.93	4	786.75	4	425.65	4	67.48
1/4	4,683.03	1/4	4,416.18	1/4	4,145.99	1/4	3,875.80	1/4	3,600.96	1/4	3,291.06	1/4	2,983.60	1/4	2,675.23	1/4	2,366.86	1/4	2,058.49	1/4	1,750.12	1/4	1,441.75	1/4	1,133.38	1/4	786.75	1/4	425.65	1/4	67.48
1/2	4,678.83	1/2	4,410.55	1/2	4,140.36	1/2	3,870.17	1/2	3,595.23	1/2	3,285.42	1/2	2,977.96	1/2	2,670.50	1/2	2,363.04	1/2	2,055.67	1/2	1,748.30	1/2	1,440.93	1/2	1,133.38	1/2	786.75	1/2	425.65	1/2	67.48
3/4	4,673.68	3/4	4,404.93	3/4	4,134.73	3/4	3,864.54	3/4	3,589.49	3/4	3,276.14	3/4	2,968.68	3/4	2,661.22	3/4	2,353.76	3/4	2,046.30	3/4	1,738.83	3/4	1,431.46	3/4	1,124.01	3/4	786.75	3/4	425.65	3/4	67.48
5	4,668.83	5	4,399.30	5	4,129.10	5	3,858.91	5	3,583.75	5	3,268.58	5	2,960.41	5	2,652.24	5	2,344.07	5	2,035.90	5	1,727.73	5	1,419.56	5	1,111.39	5	786.75	5	425.65	5	67.48
1/4	4,663.38	1/4	4,393.67	1/4	4,123.48	1/4	3,853.28	1/4	3,578.02	1/4	3,263.85	1/4	2,955.68	1/4	2,647.51	1/4	2,339.34	1/4	2,031.17	1/4	1,723.00	1/4	1,414.83	1/4	1,106.22	1/4	786.75	1/4	425.65	1/4	67.48
1/2	4,658.23	1/2	4,388.04	1/2	4,117.85	1/2	3,847.65	1/2	3,572.28	1/2	3,253.75	1/2	2,945.58	1/2	2,637.41	1/2	2,329.24	1/2	2,021.07	1/2	1,713.90	1/2	1,405.73	1/2	1,097.56	1/2	786.75	1/2	425.65	1/2	67.48
3/4	4,652.60	3/4	4,382.41	3/4	4,112.22	3/4	3,841.92	3/4	3,566.54	3/4	3,246.29	3/4	2,938.12	3/4	2,630.95	3/4	2,322.78	3/4	2,014.61	3/4	1,706.44	3/4	1,398.27	3/4	1,089.10	3/4	786.75	3/4	425.65	3/4	67.48
6	4,646.97	6	4,376.78	6	4,106.59	6	3,836.18	6	3,560.80	6	3,238.53	6	2,930.36	6	2,622.19	6	2,314.02	6	2,005.85	6	1,697.68	6	1,389.51	6	1,081.34	6	786.75	6	425.65	6	67.48
1/4	4,641.34	1/4	4,371.15	1/4	4,100.96	1/4	3,830.44	1/4	3,555.03	1/4	3,231.57	1/4	2,923.40	1/4	2,615.23	1/4	2,307.06	1/4	1,998.89	1/4	1,690.72	1/4	1,382.55	1/4	1,074.38	1/4	786.75	1/4	425.65	1/4	67.48
1/2	4,636.52	1/2	4,365.52	1/2	4,095.33	1/2	3,819.97	1/2	3,544.49	1/2	3,216.44	1/2	2,908.27	1/2	2,600.10	1/2	2,291.93	1/2	1,983.76	1/2	1,675.59	1/2	1,367.42	1/2	1,059.25	1/2	786.75	1/2	425.65	1/2	67.48
3/4	4,630.09	3/4	4,359.69	3/4	4,089.70	3/4	3,818.97	3/4	3,538.91	3/4	3,208.98	3/4	2,898.81	3/4	2,588.64	3/4	2,278.47	3/4	1,968.30	3/4	1,658.13	3/4	1,347.96	3/4	1,047.79	3/4	786.75	3/4	425.65	3/4	67.48
7	4,624.46	7	4,354.25	7	4,084.07	7	3,813.23	7	3,537.71	7	3,208.98	7	2,898.81	7	2,588.64	7	2,278.47	7	1,968.30	7	1,658.13	7	1,347.96	7	1,047.79	7	786.75	7	425.65	7	67.48
1/4	4,618.83	1/4	4,348.64	1/4	4,078.44	1/4	3,807.50	1/4	3,531.87	1/4	3,201.52	1/4	2,891.35	1/4	2,581.18	1/4	2,271.01	1/4	1,960.84	1/4	1,650.67	1/4	1,340.50	1/4	1,039.33	1/4	786.75	1/4	425.65	1/4	67.48
1/2	4,613.20	1/2	4,343.01	1/2	4,072.81	1/2	3,801.76	1/2	3,526.02	1/2	3,194.06	1/2	2,883.88	1/2	2,573.71	1/2	2,263.54	1/2	1,953.37	1/2	1,643.20	1/2	1,333.03	1/2	1,022.86	1/2	786.75	1/2	425.65	1/2	67.48
3/4	4,607.57	3/4	4,337.38	3/4	4,067.19	3/4	3,796.02	3/4	3,520.18	3/4	3,186.39	3/4	2,875.22	3/4	2,564.05	3/4	2,253.88	3/4	1,943.71	3/4	1,633.54	3/4	1,323.37	3/4	1,012.69	3/4	786.75	3/4	425.65	3/4	67.48
8	4,601.94	8	4,331.75	8	4,061.56	8	3,790.28	8	3,514.33	8	3,177.83	8	2,867.66	8	2,556.49	8	2,245.32	8	1,935.15	8	1,625.00	8	1,314.83	8	1,004.66	8	786.75	8	425.65	8	67.48
1/4	4,596.31	1/4	4,326.12	1/4	4,055.93	1/4	3,784.55	1/4	3,508.41	1/4	3,171.97	1/4	2,861.80	1/4	2,551.63	1/4	2,241.46	1/4	1,931.29	1/4	1,621.12	1/4	1,310.95	1/4	1,000.50	1/4	786.75	1/4	425.65	1/4	67.48
1/2	4,590.68	1/2	4,320.49	1/2	4,050.30	1/2	3,778.81	1/2	3,502.50	1/2	3,164.21	1/2	2,855.03	1/2	2,544.86	1/2	2,234.69	1/2	1,924.52	1/2	1,614.35	1/2	1,304.18	1/2	990.33	1/2	786.75	1/2	425.65	1/2	67.48
3/4	4,585.05	3/4	4,314.86	3/4	4,044.67	3/4	3,773.07	3/4	3,496.98	3/4	3,158.75	3/4	2,849.28	3/4	2,539.11	3/4	2,228.94	3/4	1,918.77	3/4	1,608.60	3/4	1,298.43	3/4	980.10	3/4	786.75	3/4	425.65	3/4	67.48
9	4,579.42	9	4,309.23	9	4,039.04	9	3,767.34	9	3,490.66	9	3,148.02	9	2,838.35	9	2,528.18	9	2,218.01	9	1,907.84	9	1,597.67	9	1,287.50	9	969.93	9	786.75	9	425.65	9	67.48
1/4	4,573.80	1/4	4,303.60	1/4	4,033.41	1/4																									

* CAPACITY BELOW STRIKE POINT.

REFERENCE GAUGE HEIGHT : 15'-6 1/2" (TO RIM OF 2" DIAMETER BALL VALVE
LOCATED NEAR CENTER OF TANK)

STRAPPED: 3/25/01

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



BARGE "MPC-630"
MARATHON PETROLEUM CORP.
OUTAGE TABLE

3 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 2169-3

	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	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M		
0	0	4,724.48	0	4,523.13	0	4,252.94	0	3,982.75	0	3,709.97	0	3,430.18	0	3,074.66	0	2,716.49	0	2,358.31	0	2,000.14	0	1,641.96	0	1,283.78	0	925.61	0	567.43	0	209.26	0	19.09		
1/4	1/4	4,517.51	1/4	4,316.16	1/4	4,047.31	1/4	3,774.12	1/4	3,501.93	1/4	3,229.74	1/4	2,957.55	1/4	2,685.36	1/4	2,413.17	1/4	2,140.98	1/4	1,868.79	1/4	1,596.60	1/4	1,324.41	1/4	1,052.22	1/4	780.03	1/4	507.84		
1/2	1/2	4,310.54	1/2	4,109.19	1/2	3,840.34	1/2	3,570.15	1/2	3,299.96	1/2	3,029.77	1/2	2,759.58	1/2	2,489.39	1/2	2,219.20	1/2	1,949.01	1/2	1,678.82	1/2	1,408.63	1/2	1,138.44	1/2	868.25	1/2	598.06	1/2	327.65		
3/4	3/4	4,103.57	3/4	3,902.22	3/4	3,632.03	3/4	3,361.84	3/4	3,091.65	3/4	2,821.46	3/4	2,551.27	3/4	2,281.08	3/4	2,010.89	3/4	1,740.70	3/4	1,470.51	3/4	1,200.32	3/4	930.13	3/4	659.94	3/4	389.75	3/4	119.56		
1	1	4,723.00	1	4,500.62	1	4,230.43	1	3,950.23	1	3,680.04	1	3,409.85	1	3,048.66	1	2,686.49	1	2,324.31	1	1,962.14	1	1,600.97	1	1,238.80	1	878.61	1	519.42	1	179.41	1	17.91		
1/4	1/4	4,514.59	1/4	4,292.21	1/4	4,022.02	1/4	3,751.83	1/4	3,481.64	1/4	3,211.45	1/4	2,941.26	1/4	2,671.07	1/4	2,400.88	1/4	2,130.69	1/4	1,860.50	1/4	1,590.31	1/4	1,320.12	1/4	1,050.93	1/4	780.74	1/4	510.55		
1/2	1/2	4,307.62	1/2	4,106.27	1/2	3,836.08	1/2	3,565.89	1/2	3,295.70	1/2	3,025.51	1/2	2,755.32	1/2	2,485.13	1/2	2,214.94	1/2	1,944.75	1/2	1,674.56	1/2	1,404.37	1/2	1,134.18	1/2	864.00	1/2	593.81	1/2	323.46		
3/4	3/4	4,100.65	3/4	3,899.30	3/4	3,629.11	3/4	3,358.92	3/4	3,088.73	3/4	2,818.54	3/4	2,548.35	3/4	2,278.16	3/4	2,007.97	3/4	1,737.78	3/4	1,467.59	3/4	1,197.40	3/4	927.21	3/4	657.02	3/4	386.83	3/4	112.97		
2	2	4,717.69	2	4,495.31	2	4,225.12	2	3,954.93	2	3,684.74	2	3,414.55	2	3,053.36	2	2,692.19	2	2,330.01	2	1,967.84	2	1,605.67	2	1,243.50	2	882.31	2	523.12	2	174.95	2	16.48		
1/4	1/4	4,514.72	1/4	4,292.34	1/4	4,022.15	1/4	3,751.96	1/4	3,481.77	1/4	3,211.58	1/4	2,941.39	1/4	2,671.20	1/4	2,401.01	1/4	2,130.82	1/4	1,860.63	1/4	1,590.44	1/4	1,320.25	1/4	1,051.06	1/4	780.87	1/4	511.08		
1/2	1/2	4,307.75	1/2	4,106.40	1/2	3,836.21	1/2	3,566.02	1/2	3,295.83	1/2	3,025.64	1/2	2,755.45	1/2	2,485.26	1/2	2,215.07	1/2	1,944.88	1/2	1,674.69	1/2	1,404.50	1/2	1,134.31	1/2	864.11	1/2	593.92	1/2	323.57		
3/4	3/4	4,100.78	3/4	3,899.43	3/4	3,629.24	3/4	3,359.05	3/4	3,088.86	3/4	2,818.67	3/4	2,548.48	3/4	2,278.29	3/4	2,008.10	3/4	1,737.91	3/4	1,467.72	3/4	1,197.53	3/4	927.32	3/4	657.13	3/4	386.94	3/4	113.08		
3	3	4,708.87	3	4,486.49	3	4,216.30	3	3,946.11	3	3,675.92	3	3,405.73	3	3,044.54	3	2,682.37	3	2,320.19	3	1,958.02	3	1,595.85	3	1,233.68	3	873.37	3	514.20	3	175.92	3	148.56		
1/4	1/4	4,501.90	1/4	4,279.52	1/4	4,009.33	1/4	3,739.14	1/4	3,468.95	1/4	3,198.76	1/4	2,928.57	1/4	2,658.38	1/4	2,388.19	1/4	2,118.00	1/4	1,847.81	1/4	1,577.62	1/4	1,307.43	1/4	1,037.24	1/4	767.05	1/4	496.86		
1/2	1/2	4,300.03	1/2	4,098.68	1/2	3,828.49	1/2	3,558.30	1/2	3,288.11	1/2	3,017.92	1/2	2,747.73	1/2	2,477.54	1/2	2,207.35	1/2	1,937.16	1/2	1,666.97	1/2	1,396.78	1/2	1,126.59	1/2	856.40	1/2	586.21	1/2	316.02		
3/4	3/4	4,093.16	3/4	3,891.81	3/4	3,621.62	3/4	3,351.43	3/4	3,081.24	3/4	2,811.05	3/4	2,540.86	3/4	2,270.67	3/4	2,000.48	3/4	1,730.29	3/4	1,460.10	3/4	1,189.91	3/4	919.72	3/4	649.53	3/4	379.34	3/4	100.83		
4	4	4,691.42	4	4,469.04	4	4,198.85	4	3,928.66	4	3,658.47	4	3,388.28	4	3,118.09	4	2,847.90	4	2,577.71	4	2,307.52	4	2,037.33	4	1,767.14	4	1,496.95	4	1,226.76	4	956.57	4	686.38	4	416.19
1/4	1/4	4,478.45	1/4	4,256.07	1/4	3,985.88	1/4	3,715.69	1/4	3,445.50	1/4	3,175.31	1/4	2,905.12	1/4	2,634.93	1/4	2,364.74	1/4	2,094.55	1/4	1,824.36	1/4	1,554.17	1/4	1,283.98	1/4	1,013.79	1/4	743.60	1/4	473.41		
1/2	1/2	4,271.48	1/2	4,069.10	1/2	3,798.91	1/2	3,528.72	1/2	3,258.53	1/2	2,988.34	1/2	2,718.15	1/2	2,447.96	1/2	2,177.77	1/2	1,907.58	1/2	1,637.39	1/2	1,367.20	1/2	1,097.01	1/2	826.82	1/2	556.63	1/2	286.44		
3/4	3/4	4,064.51	3/4	3,862.13	3/4	3,591.94	3/4	3,321.75	3/4	3,051.56	3/4	2,781.37	3/4	2,511.18	3/4	2,240.99	3/4	1,970.80	3/4	1,700.61	3/4	1,430.42	3/4	1,160.23	3/4	890.04	3/4	619.85	3/4	349.66	3/4	74.25		
5	5	4,678.83	5	4,456.45	5	4,186.26	5	3,916.07	5	3,645.88	5	3,375.69	5	3,105.50	5	2,835.31	5	2,565.12	5	2,294.93	5	2,024.74	5	1,754.55	5	1,484.36	5	1,214.17	5	943.98	5	673.79	5	403.60
1/4	1/4	4,465.86	1/4	4,243.48	1/4	3,973.29	1/4	3,703.10	1/4	3,432.91	1/4	3,162.72	1/4	2,892.53	1/4	2,622.34	1/4	2,352.15	1/4	2,081.96	1/4	1,811.77	1/4	1,541.58	1/4	1,271.39	1/4	1,001.20	1/4	731.01	1/4	460.82		
1/2	1/2	4,258.89	1/2	4,056.51	1/2	3,786.32	1/2	3,516.13	1/2	3,245.94	1/2	2,975.75	1/2	2,705.56	1/2	2,435.37	1/2	2,165.18	1/2	1,894.99	1/2	1,624.80	1/2	1,354.61	1/2	1,084.42	1/2	814.23	1/2	544.04	1/2	273.85		
3/4	3/4	4,051.92	3/4	3,849.54	3/4	3,579.35	3/4	3,309.16	3/4	3,038.97	3/4	2,768.78	3/4	2,498.59	3/4	2,228.40	3/4	1,958.21	3/4	1,688.02	3/4	1,417.83	3/4	1,147.64	3/4	877.45	3/4	607.26	3/4	337.07	3/4	62.46		
6	6	4,658.23	6	4,435.85	6	4,165.66	6	3,895.47	6	3,625.28	6	3,355.09	6	3,084.90	6	2,814.71	6	2,544.52	6	2,274.33	6	2,004.14	6	1,733.95	6	1,463.76	6	1,193.57	6	923.38	6	653.19	6	383.00
1/4	1/4	4,445.26	1/4	4,222.88	1/4	3,952.69	1/4	3,682.50	1/4	3,412.31	1/4	3,142.12	1/4	2,871.93	1/4	2,601.74	1/4	2,331.55	1/4	2,061.36	1/4	1,791.17	1/4	1,520.98	1/4	1,250.79	1/4	980.60	1/4	710.41	1/4	440.22		
1/2	1/2	4,238.30	1/2	4,035.92	1/2	3,765.73	1/2	3,495.54	1/2	3,225.35	1/2	2,955.16	1/2	2,684.97	1/2	2,414.78	1/2	2,144.59	1/2	1,874.40	1/2	1,604.21	1/2	1,334.02	1/2	1,063.83	1/2	793.64	1/2	523.45	1/2	253.26		
3/4	3/4	4,031.33	3/4	3,828.95	3/4	3,558.76	3/4	3,288.57	3/4	3,018.38	3/4	2,748.19	3/4	2,478.00	3/4	2,207.81	3/4	1,937.62	3/4	1,667.43	3/4	1,397.24	3/4	1,127.05	3/4	856.86	3/4	586.67	3/4	316.48	3/4	46.07		
7	7	4,636.71	7	4,414.33	7	4,144.14	7	3,873.95	7	3,603.76	7	3,333.57	7	3,063.38	7	2,793.19	7	2,523.00	7	2,252.81	7	1,982.62	7	1,712.43	7	1,442.24	7	1,172.05	7	901.86	7	631.67	7	361.48
1/4	1/4	4,423.74	1/4	4,201.36	1/4	3,931.17	1/4	3,660.98	1/4	3,390.79	1/4	3,120.60	1/4	2,850.41	1/4	2,580.22	1/4	2,310.03	1/4	2,039.84	1/4	1,769.65	1/4	1,499.46	1/4	1,229.27	1/4	97						