



BARGE "MPC-776"

MARATHON PETROLEUM COMPANY

HULL NO. 2149-1

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"	NIL	(-) 0'-0 1/8"
1'-0"	(-) 0'-0 1/8"	(-) 0'-0 1/8"	(-) 0'-0 1/8"
1'-6"	(-) 0'-0 1/4"	(-) 0'-0 1/8"	(-) 0'-0 1/4"
2'-0"	(-) 0'-0 3/8"	(-) 0'-0 1/8"	(-) 0'-0 3/8"
2'-6"	(-) 0'-0 1/2"	(-) 0'-0 1/8"	(-) 0'-0 1/2"
3'-0"	(-) 0'-0 1/2"	(-) 0'-0 1/4"	(-) 0'-0 1/2"
3'-6"	(-) 0'-0 5/8"	(-) 0'-0 1/4"	(-) 0'-0 5/8"
4'-0"	(-) 0'-0 3/4"	(-) 0'-0 1/4"	(-) 0'-0 3/4"
4'-6"	(-) 0'-0 3/4"	(-) 0'-0 1/4"	(-) 0'-0 3/4"
5'-0"	(-) 0'-0 7/8"	(-) 0'-0 3/8"	(-) 0'-0 7/8"

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: 3/16/06

BY: 
INSPECTORATE AMERICA CORPORATION



INSPECTORATE

ISO 9002 ACCREDITED

BARGE "MPC-776"
MARATHON PETROLEUM COMPANY
OUTAGE TABLE

TANK NO.
1 PORT

HULL NO. 2149-1

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

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.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	3,999.13	0	3,617.29	0	3,235.45	0	2,852.83	0	2,469.69	0	2,086.56	0	1,703.42	0	1,320.29	0	937.15	0	554.81	0	177.23	0	177.23	0	177.23	0	177.23	0	177.23	0	177.23
1/4	3,991.18	1/4	3,609.34	1/4	3,227.50	1/4	2,844.85	1/4	2,461.71	1/4	2,078.58	1/4	1,695.44	1/4	1,312.30	1/4	929.17	1/4	547.62	1/4	169.25	1/4	169.25	1/4	169.25	1/4	169.25	1/4	169.25	1/4	169.25
1/2	3,983.22	1/2	3,601.38	1/2	3,219.54	1/2	2,836.87	1/2	2,453.75	1/2	2,070.59	1/2	1,687.46	1/2	1,304.32	1/2	913.19	1/2	540.43	1/2	161.27	1/2	161.27	1/2	161.27	1/2	161.27	1/2	161.27	1/2	161.27
3/4	3,975.27	3/4	3,593.43	3/4	3,211.59	3/4	2,828.88	3/4	2,445.75	3/4	2,062.61	3/4	1,679.48	3/4	1,296.34	3/4	913.20	3/4	533.24	3/4	153.28	3/4	153.28	3/4	153.28	3/4	153.28	3/4	153.28	3/4	153.28
1	3,967.31	1	3,585.47	1	3,203.63	1	2,820.90	1	2,437.77	1	2,054.63	1	1,671.49	1	1,288.36	1	905.22	1	526.06	1	145.30	1	145.30	1	145.30	1	145.30	1	145.30	1	145.30
1/4	3,196.70	1/4	3,577.52	1/4	3,195.68	1/4	2,812.92	1/4	2,429.78	1/4	2,046.65	1/4	1,663.51	1/4	1,280.38	1/4	897.24	1/4	518.87	1/4	137.32	1/4	137.32	1/4	137.32	1/4	137.32	1/4	137.32	1/4	137.32
1/2	3,196.32	1/2	3,569.56	1/2	3,187.72	1/2	2,804.94	1/2	2,421.80	1/2	2,038.67	1/2	1,655.53	1/2	1,272.39	1/2	889.26	1/2	511.68	1/2	129.34	1/2	129.34	1/2	129.34	1/2	129.34	1/2	129.34	1/2	129.34
3/4	3,195.95	3/4	3,561.61	3/4	3,179.77	3/4	2,796.96	3/4	2,413.82	3/4	2,030.68	3/4	1,647.55	3/4	1,264.41	3/4	881.28	3/4	504.49	3/4	121.36	3/4	121.36	3/4	121.36	3/4	121.36	3/4	121.36	3/4	121.36
2	3,194.78	2	3,553.65	2	3,171.81	2	2,786.97	2	2,405.84	2	2,022.70	2	1,639.57	2	1,256.43	2	873.29	2	496.51	2	114.17	2	114.17	2	114.17	2	114.17	2	114.17	2	114.17
1/4	3,193.61	1/4	3,545.70	1/4	3,163.86	1/4	2,780.99	1/4	2,397.86	1/4	2,014.72	1/4	1,631.58	1/4	1,248.45	1/4	865.31	1/4	488.53	1/4	106.98	1/4	106.98	1/4	106.98	1/4	106.98	1/4	106.98	1/4	106.98
1/2	3,192.44	1/2	3,537.74	1/2	3,155.90	1/2	2,773.01	1/2	2,389.87	1/2	2,006.74	1/2	1,623.60	1/2	1,240.47	1/2	857.33	1/2	480.55	1/2	99.79	1/2	99.79	1/2	99.79	1/2	99.79	1/2	99.79	1/2	99.79
3/4	3,191.27	3/4	3,529.79	3/4	3,147.95	3/4	2,765.03	3/4	2,381.89	3/4	1,998.76	3/4	1,615.62	3/4	1,232.48	3/4	849.35	3/4	472.56	3/4	92.60	3/4	92.60	3/4	92.60	3/4	92.60	3/4	92.60	3/4	92.60
3	3,189.30	3	3,521.83	3	3,139.99	3	2,757.05	3	2,373.91	3	1,990.77	3	1,607.64	3	1,224.50	3	841.37	3	464.58	3	85.42	3	85.42	3	85.42	3	85.42	3	85.42	3	85.42
1/4	3,187.33	1/4	3,513.88	1/4	3,132.04	1/4	2,749.06	1/4	2,365.93	1/4	1,982.79	1/4	1,599.66	1/4	1,216.52	1/4	833.38	1/4	456.60	1/4	78.23	1/4	78.23	1/4	78.23	1/4	78.23	1/4	78.23	1/4	78.23
1/2	3,185.36	1/2	3,505.92	1/2	3,124.08	1/2	2,741.08	1/2	2,357.95	1/2	1,974.81	1/2	1,591.67	1/2	1,208.54	1/2	825.40	1/2	448.62	1/2	71.04	1/2	71.04	1/2	71.04	1/2	71.04	1/2	71.04	1/2	71.04
3/4	3,183.40	3/4	3,497.97	3/4	3,116.13	3/4	2,733.10	3/4	2,349.86	3/4	1,966.83	3/4	1,583.69	3/4	1,200.56	3/4	817.42	3/4	440.64	3/4	63.85	3/4	63.85	3/4	63.85	3/4	63.85	3/4	63.85	3/4	63.85
4	3,180.63	4	3,490.01	4	3,108.17	4	2,725.12	4	2,341.98	4	1,958.85	4	1,575.71	4	1,192.57	4	809.44	4	432.65	4	56.87	4	56.87	4	56.87	4	56.87	4	56.87	4	56.87
1/4	3,177.86	1/4	3,482.06	1/4	3,100.22	1/4	2,717.14	1/4	2,334.00	1/4	1,950.86	1/4	1,567.73	1/4	1,184.59	1/4	801.46	1/4	424.67	1/4	49.89	1/4	49.89	1/4	49.89	1/4	49.89	1/4	49.89	1/4	49.89
1/2	3,175.10	1/2	3,474.10	1/2	3,092.26	1/2	2,709.15	1/2	2,326.02	1/2	1,942.88	1/2	1,559.75	1/2	1,176.61	1/2	793.47	1/2	416.69	1/2	42.90	1/2	42.90	1/2	42.90	1/2	42.90	1/2	42.90	1/2	42.90
3/4	3,172.33	3/4	3,466.15	3/4	3,084.31	3/4	2,701.17	3/4	2,318.04	3/4	1,934.90	3/4	1,551.76	3/4	1,168.63	3/4	785.49	3/4	408.71	3/4	35.92	3/4	35.92	3/4	35.92	3/4	35.92	3/4	35.92	3/4	35.92
5	3,168.76	5	3,458.19	5	3,076.33	5	2,693.19	5	2,310.05	5	1,926.82	5	1,543.78	5	1,160.65	5	777.51	5	400.73	5	30.93	5	30.93	5	30.93	5	30.93	5	30.93	5	30.93
1/4	3,165.20	1/4	3,450.24	1/4	3,068.34	1/4	2,685.21	1/4	2,302.07	1/4	1,918.94	1/4	1,535.80	1/4	1,152.66	1/4	769.53	1/4	392.74	1/4	25.94	1/4	25.94	1/4	25.94	1/4	25.94	1/4	25.94	1/4	25.94
1/2	3,161.63	1/2	3,442.28	1/2	3,060.36	1/2	2,677.23	1/2	2,294.09	1/2	1,910.95	1/2	1,527.82	1/2	1,144.68	1/2	761.55	1/2	384.76	1/2	20.96	1/2	20.96	1/2	20.96	1/2	20.96	1/2	20.96	1/2	20.96
3/4	3,158.07	3/4	3,434.33	3/4	3,052.38	3/4	2,669.24	3/4	2,286.11	3/4	1,902.97	3/4	1,519.84	3/4	1,136.70	3/4	753.56	3/4	376.78	3/4	15.97	3/4	15.97	3/4	15.97	3/4	15.97	3/4	15.97	3/4	15.97
6	3,153.70	6	3,426.37	6	3,044.40	6	2,661.26	6	2,278.13	6	1,894.99	6	1,511.85	6	1,128.72	6	745.58	6	368.80	6	15.97	6	15.97	6	15.97	6	15.97	6	15.97	6	15.97
1/4	3,149.34	1/4	3,418.42	1/4	3,036.42	1/4	2,653.28	1/4	2,270.14	1/4	1,887.01	1/4	1,503.87	1/4	1,120.74	1/4	737.60	1/4	360.82	1/4	14.14	1/4	14.14	1/4	14.14	1/4	14.14	1/4	14.14	1/4	14.14
1/2	3,144.98	1/2	3,410.46	1/2	3,028.43	1/2	2,645.30	1/2	2,262.16	1/2	1,879.03	1/2	1,495.89	1/2	1,112.75	1/2	729.62	1/2	352.83	1/2	12.12	1/2	12.12	1/2	12.12	1/2	12.12	1/2	12.12	1/2	12.12
3/4	3,140.61	3/4	3,402.51	3/4	3,020.45	3/4	2,637.32	3/4	2,254.18	3/4	1,871.04	3/4	1,487.91	3/4	1,104.77	3/4	721.64	3/4	344.85	3/4	10.10	3/4	10.10	3/4	10.10	3/4	10.10	3/4	10.10	3/4	10.10
7	3,135.45	7	3,394.55	7	3,012.47	7	2,629.33	7	2,246.20	7	1,863.06	7	1,479.93	7	1,096.79	7	713.65	7	336.87	7	7.14	7	7.14	7	7.14	7	7.14	7	7.14	7	7.14
1/4	3,130.29	1/4	3,386.60	1/4	3,004.49	1/4	2,621.35	1/4	2,236.22	1/4	1,855.08	1/4	1,471.94	1/4	1,088.81	1/4	705.67	1/4	328.89	1/4	6.14	1/4	6.14	1/4	6.14	1/4	6.14	1/4	6.14	1/4	6.14
1/2	3,125.13	1/2	3,378.64	1/2	2,996.51	1/2	2,613.37	1/2	2,230.23	1/2	1,847.10	1/2	1,463.96	1/2	1,080.83	1/2	697.69	1/2	320.91	1/2	5.14	1/2	5.14	1/2	5.14	1/2	5.14	1/2	5.14	1/2	5.14
3/4	3,119.97	3/4	3,370.69	3/4	2,988.52	3/4	2,605.39	3/4	2,222.25	3/4	1,839.12	3/4	1,455.98	3/4	1,072.84	3/4	689.71	3/4	312.92	3/4	4.14	3/4	4.14	3/4	4.14	3/4	4.14	3/4	4.14	3/4	4.14
8	3,114.02	8																													



INSPECTORATE

ISO 9002 ACCREDITED

BARGE "MPC-776"
MARATHON PETROLEUM COMPANY
OUTAGE TABLE

TANK NO.
1 STAR

HULL NO. 2149-1

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.		
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		3,999.13	0	3,617.29	0	3,235.45	0	2,852.83	0	2,469.69	0	2,086.56	0	1,703.42	0	1,320.29	0	937.15	0	554.81	0	177.23	0							
1/4	1/4	3,991.18	1/4	3,609.34	1/4	3,227.50	1/4	2,844.85	1/4	2,461.71	1/4	2,078.58	1/4	1,695.44	1/4	1,312.30	1/4	929.17	1/4	547.62	1/4	169.25	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	3,983.22	1/2	3,601.38	1/2	3,219.54	1/2	2,836.87	1/2	2,453.73	1/2	2,070.59	1/2	1,687.46	1/2	1,304.32	1/2	913.19	1/2	540.43	1/2	161.27	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	3,975.27	3/4	3,593.43	3/4	3,211.59	3/4	2,828.88	3/4	2,445.75	3/4	2,062.61	3/4	1,679.48	3/4	1,296.34	3/4	913.20	3/4	533.24	3/4	153.28	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
1	1	3,967.31	1	3,585.47	1	3,203.63	1	2,820.90	1	2,437.77	1	2,054.63	1	1,671.49	1	1,288.36	1	905.22	1	526.06	1	145.30	1	1	1	1	1	1	1	
1/4	1/4	3,959.36	1/4	3,577.52	1/4	3,195.68	1/4	2,812.92	1/4	2,429.78	1/4	2,046.65	1/4	1,663.51	1/4	1,280.38	1/4	897.24	1/4	518.87	1/4	137.32	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	3,951.40	1/2	3,569.56	1/2	3,187.72	1/2	2,804.94	1/2	2,421.80	1/2	2,038.67	1/2	1,655.53	1/2	1,272.39	1/2	889.26	1/2	511.68	1/2	129.34	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	3,943.45	3/4	3,561.61	3/4	3,179.77	3/4	2,796.96	3/4	2,413.82	3/4	2,030.68	3/4	1,647.55	3/4	1,264.41	3/4	881.28	3/4	504.49	3/4	121.36	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
2	2	3,935.49	2	3,553.65	2	3,171.81	2	2,788.97	2	2,405.84	2	2,022.70	2	1,639.57	2	1,256.43	2	873.29	2	496.51	2	114.17	2	2	2	2	2	2	2	2
1/4	1/4	3,927.54	1/4	3,545.70	1/4	3,163.86	1/4	2,780.99	1/4	2,397.86	1/4	2,014.72	1/4	1,631.58	1/4	1,248.45	1/4	865.31	1/4	488.53	1/4	106.98	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	3,919.58	1/2	3,537.74	1/2	3,155.90	1/2	2,773.01	1/2	2,389.87	1/2	2,006.74	1/2	1,623.60	1/2	1,240.47	1/2	857.33	1/2	480.55	1/2	99.79	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	3,911.63	3/4	3,529.79	3/4	3,147.95	3/4	2,765.03	3/4	2,381.89	3/4	1,998.76	3/4	1,615.62	3/4	1,232.48	3/4	849.35	3/4	472.56	3/4	92.60	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
3	3	3,903.67	3	3,521.83	3	3,139.99	3	2,757.05	3	2,373.91	3	1,990.77	3	1,607.64	3	1,224.50	3	841.37	3	464.58	3	85.42	3	3	3	3	3	3	3	3
1/4	1/4	3,895.72	1/4	3,513.88	1/4	3,132.04	1/4	2,749.06	1/4	2,365.93	1/4	1,982.79	1/4	1,598.66	1/4	1,216.52	1/4	833.38	1/4	456.60	1/4	78.23	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	3,887.76	1/2	3,505.92	1/2	3,124.08	1/2	2,741.08	1/2	2,357.95	1/2	1,974.81	1/2	1,591.67	1/2	1,208.54	1/2	825.40	1/2	448.62	1/2	71.04	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	3,879.81	3/4	3,497.97	3/4	3,116.13	3/4	2,733.10	3/4	2,349.96	3/4	1,966.83	3/4	1,583.69	3/4	1,200.56	3/4	817.42	3/4	440.64	3/4	63.85	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
4	4	3,871.85	4	3,490.01	4	3,108.17	4	2,725.12	4	2,341.98	4	1,958.85	4	1,575.71	4	1,192.57	4	809.44	4	432.65	4	56.87	4	4	4	4	4	4	4	4
1/4	1/4	3,863.90	1/4	3,482.06	1/4	3,100.22	1/4	2,717.14	1/4	2,334.00	1/4	1,950.86	1/4	1,567.73	1/4	1,184.59	1/4	801.46	1/4	424.67	1/4	49.89	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	3,855.94	1/2	3,474.10	1/2	3,092.26	1/2	2,709.15	1/2	2,326.02	1/2	1,942.88	1/2	1,559.75	1/2	1,176.61	1/2	793.47	1/2	416.69	1/2	42.90	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	3,847.99	3/4	3,466.15	3/4	3,084.31	3/4	2,701.17	3/4	2,318.47	3/4	1,934.90	3/4	1,551.76	3/4	1,168.63	3/4	785.49	3/4	408.71	3/4	35.92	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
5	5	3,840.03	5	3,458.19	5	3,076.33	5	2,693.19	5	2,310.05	5	1,926.92	5	1,543.78	5	1,160.65	5	777.51	5	400.73	5	30.93	5	5	5	5	5	5	5	5
1/4	1/4	3,832.08	1/4	3,450.24	1/4	3,068.34	1/4	2,685.21	1/4	2,302.07	1/4	1,916.94	1/4	1,535.80	1/4	1,152.66	1/4	769.53	1/4	392.74	1/4	25.94	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	3,824.12	1/2	3,442.28	1/2	3,060.36	1/2	2,677.23	1/2	2,294.09	1/2	1,910.95	1/2	1,527.82	1/2	1,144.68	1/2	761.55	1/2	384.76	1/2	20.96	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	3,816.17	3/4	3,434.33	3/4	3,052.38	3/4	2,669.24	3/4	2,286.11	3/4	1,902.97	3/4	1,519.84	3/4	1,136.70	3/4	753.56	3/4	376.78	3/4	15.97	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
6	6	3,808.21	6	3,426.37	6	3,044.40	6	2,661.26	6	2,278.13	6	1,894.99	6	1,511.85	6	1,128.72	6	745.58	6	368.80	6		6	6	6	6	6	6	6	6
1/4	1/4	3,800.26	1/4	3,418.42	1/4	3,036.42	1/4	2,653.28	1/4	2,270.14	1/4	1,887.01	1/4	1,503.87	1/4	1,120.74	1/4	737.60	1/4	360.82	1/4	25.94	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	3,792.30	1/2	3,410.46	1/2	3,028.43	1/2	2,645.30	1/2	2,262.16	1/2	1,879.03	1/2	1,495.89	1/2	1,112.75	1/2	729.62	1/2	352.83	1/2	20.96	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	3,784.35	3/4	3,402.51	3/4	3,020.45	3/4	2,637.32	3/4	2,254.18	3/4	1,871.04	3/4	1,487.91	3/4	1,104.77	3/4	721.64	3/4	344.85	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	
7	7	3,776.39	7	3,394.55	7	3,012.47	7	2,629.33	7	2,246.20	7	1,863.06	7	1,479.93	7	1,096.79	7	713.65	7	336.87	7		7	7	7	7	7	7	7	7
1/4	1/4	3,768.44	1/4	3,386.60	1/4	3,004.49	1/4	2,621.35	1/4	2,238.22	1/4	1,855.08	1/4	1,471.94	1/4	1,088.81	1/4	705.67	1/4	328.89	1/4	25.94	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	3,760.48	1/2	3,378.64	1/2	2,996.51	1/2	2,613.37	1/2	2,230.23	1/2	1,847.10	1/2	1,463.96	1/2	1,080.83	1/2	697.69	1/2	320.91	1/2	20.96	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	3,752.53	3/4	3,370.69	3/4	2,988.52	3/4	2,605.39	3/4	2,222.25	3/4	1,839.12	3/4	1,455.98	3/4	1,072.84	3/4	689.71	3/4	312.92	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	
8	8	3,744.57	8	3,362.73	8	2,980.54	8	2,597.47	8	2,214.27	8	1,831.13	8	1,448.00	8	1,064.86	8	681.73	8	304.94	8		8	8	8	8	8	8	8	8
1/4	1/4	3,736.62	1/4	3,354.78	1/4	2,972.56	1/4	2,589.42	1/4	2,206.29	1/4	1,823.15	1/4	1,440.02	1/4	1,056.88	1/4	673.74	1/4	296.96	1/4	25.94	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	3,728.66	1/2	3,346.82	1/2	2,964.58	1/2	2,581.44	1/2	2,198.31	1/2	1,815.17	1/2	1,432.03	1/2	1,048.90	1/2	665.76	1/2	288.98	1/2	20.96	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	3,720.71	3/4	3,338.87	3/4	2,956.60	3/4	2,573.46	3/4																					

TANK NO.
2 PORT

HULL NO. 2149-1

0 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.	
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	3.906.89	0	3.493.56	0	3.079.36	0	2.664.64	0	2.249.92	0	1.835.20	0	1,420.48	0	1,005.76	0	592.76	0	183.20	0	0	0	0	0	0	0
1/4	1/4	3.898.28	1/4	3.404.95	1/4	3,070.72	1/4	2,656.00	1/4	2,241.28	1/4	1,826.56	1/4	1,411.84	1/4	997.12	1/4	584.98	1/4	174.56	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	3.889.66	1/2	3.476.34	1/2	3,053.48	1/2	2,647.36	1/2	2,232.64	1/2	1,817.92	1/2	1,403.20	1/2	988.48	1/2	577.20	1/2	165.92	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3.881.05	3/4	3.467.73	3/4	3,053.48	3/4	2,638.72	3/4	2,224.00	3/4	1,809.28	3/4	1,394.56	3/4	979.84	3/4	569.42	3/4	157.28	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	3.872.44	1	3.459.11	1	3,044.80	1	2,630.08	1	2,215.36	1	1,800.64	1	1,385.92	1	971.20	1	561.64	1	148.64	1	1	1	1	1	1	1
1/4	1/4	3.863.83	1/4	3.450.50	1/4	3,036.16	1/4	2,621.44	1/4	2,206.72	1/4	1,792.00	1/4	1,377.28	1/4	962.56	1/4	553.86	1/4	140.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	3.855.22	1/2	3.441.89	1/2	3,027.52	1/2	2,612.80	1/2	2,198.08	1/2	1,783.36	1/2	1,368.64	1/2	953.92	1/2	546.08	1/2	131.36	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3.846.61	3/4	3.433.28	3/4	3,018.88	3/4	2,599.52	3/4	2,189.44	3/4	1,774.72	3/4	1,360.00	3/4	945.28	3/4	537.44	3/4	123.58	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	3.838.00	2	3.424.67	2	3,010.24	2	2,595.36	2	2,180.80	2	1,766.08	2	1,351.36	2	936.64	2	528.80	2	115.80	2	2	2	2	2	2	2
1/4	1/4	3.829.39	1/4	3.416.06	1/4	3,001.60	1/4	2,586.88	1/4	2,172.16	1/4	1,757.44	1/4	1,342.72	1/4	928.00	1/4	520.16	1/4	108.02	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	3.820.78	1/2	3.407.45	1/2	2,992.96	1/2	2,578.40	1/2	2,163.52	1/2	1,748.80	1/2	1,331.84	1/2	919.36	1/2	511.52	1/2	100.24	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3.812.17	3/4	3.397.84	3/4	2,984.32	3/4	2,569.60	3/4	2,154.88	3/4	1,740.16	3/4	1,325.44	3/4	910.72	3/4	502.88	3/4	92.46	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3.803.55	3	3.380.23	3	2,975.68	3	2,560.96	3	2,146.24	3	1,731.52	3	1,316.80	3	902.08	3	494.24	3	84.68	3	3	3	3	3	3	3
1/4	1/4	3.798.94	1/4	3.381.62	1/4	2,967.04	1/4	2,552.32	1/4	2,137.60	1/4	1,722.88	1/4	1,308.16	1/4	893.44	1/4	485.60	1/4	76.90	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	3.786.33	1/2	3.373.00	1/2	2,958.40	1/2	2,543.68	1/2	2,128.96	1/2	1,714.24	1/2	1,299.52	1/2	884.80	1/2	476.96	1/2	69.12	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3.779.72	3/4	3.364.39	3/4	2,949.76	3/4	2,535.04	3/4	2,120.32	3/4	1,705.60	3/4	1,290.88	3/4	876.16	3/4	468.32	3/4	61.56	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	3.769.11	4	3.355.78	4	2,941.12	4	2,526.40	4	2,111.68	4	1,696.96	4	1,282.24	4	867.52	4	459.68	4	54.00	4	4	4	4	4	4	4
1/4	1/4	3.760.50	1/4	3.347.17	1/4	2,932.48	1/4	2,517.76	1/4	2,103.04	1/4	1,688.32	1/4	1,273.60	1/4	858.88	1/4	451.04	1/4	46.44	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	3.751.89	1/2	3.338.56	1/2	2,923.84	1/2	2,509.12	1/2	2,094.40	1/2	1,679.68	1/2	1,264.96	1/2	850.24	1/2	442.40	1/2	38.88	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3.743.28	3/4	3.329.92	3/4	2,915.20	3/4	2,500.48	3/4	2,085.76	3/4	1,671.04	3/4	1,256.32	3/4	841.60	3/4	433.76	3/4	33.48	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	3.734.67	5	3.321.28	5	2,906.56	5	2,491.84	5	2,077.12	5	1,662.40	5	1,247.68	5	832.96	5	425.12	5	28.08	5	5	5	5	5	5	5
1/4	1/4	3.726.06	1/4	3.312.64	1/4	2,897.92	1/4	2,483.20	1/4	2,068.48	1/4	1,653.76	1/4	1,239.04	1/4	824.32	1/4	416.48	1/4	22.68	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	3.717.44	1/2	3.303.04	1/2	2,889.28	1/2	2,470.56	1/2	2,059.84	1/2	1,645.12	1/2	1,230.40	1/2	815.68	1/2	407.84	1/2	17.28	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3.708.83	3/4	3.295.36	3/4	2,880.64	3/4	2,465.92	3/4	2,051.20	3/4	1,636.48	3/4	1,221.76	3/4	807.04	3/4	399.20	3/4	17.28	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	3.700.22	6	3.286.72	6	2,872.00	6	2,457.28	6	2,042.56	6	1,627.84	6	1,213.12	6	798.40	6	390.56	6	6	6	6	6	6	6	6	6
1/4	1/4	3.691.61	1/4	3.278.08	1/4	2,863.36	1/4	2,448.64	1/4	2,033.92	1/4	1,619.20	1/4	1,204.48	1/4	789.76	1/4	381.92	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	3.683.00	1/2	3.269.44	1/2	2,854.72	1/2	2,440.00	1/2	2,025.28	1/2	1,610.56	1/2	1,195.84	1/2	771.12	1/2	373.28	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3.674.39	3/4	3.260.80	3/4	2,846.08	3/4	2,431.36	3/4	2,016.64	3/4	1,601.92	3/4	1,187.20	3/4	772.48	3/4	364.64	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	3.665.78	7	3.252.16	7	2,837.44	7	2,422.72	7	2,008.00	7	1,593.28	7	1,178.56	7	763.84	7	356.00	7	7	7	7	7	7	7	7	7
1/4	1/4	3.657.17	1/4	3.243.52	1/4	2,828.80	1/4	2,414.08	1/4	1,999.36	1/4	1,584.64	1/4	1,169.92	1/4	755.20	1/4	347.36	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	3.648.56	1/2	3.234.88	1/2	2,820.16	1/2	2,405.44	1/2	1,990.72	1/2	1,576.00	1/2	1,161.28	1/2	746.56	1/2	338.72	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3.639.95	3/4	3.226.24	3/4	2,811.52	3/4	2,396.80	3/4	1,982.08	3/4	1,567.36	3/4	1,152.64	3/4	737.92	3/4	330.08	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	3.631.33	8	3.217.60	8	2,802.88	8	2,388.16	8	1,973.44	8	1,558.72	8	1,144.00	8	729.28	8	321.44	8	8	8	8	8	8	8	8	8
1/4	1/4	3.623.72	1/4	3.208.96	1/4	2,794.24	1/4	2,379.52	1/4	1,964.80	1/4	1,550.08	1/4	1,135.36	1/4	720.64	1/4	312.80	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	3.614.11	1/2	3.200.32	1/2	2,785.60	1/2	2,370.88	1/2	1,956.16	1/2	1,541.44	1/2	1,126.72	1/2	712.00	1/2	304.16	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3.605.50	3/4	3.191.68	3/4	2,776.96	3/4	2,362.24	3/4	1,947.52	3/4	1,532.80	3/4	1,118.08	3/4	703.36	3/4	295.52	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	3.596.89	9	3.176.82	9	2,768.32	9	2,353.60	9	1,938.88	9	1,524.16	9	1,109.44	9	694.72	9	286.88	9	9	9	9	9	9	9	9	9
1/4	1/4	3.588.28	1/4	3.174.40	1/4	2,759.68	1/4	2,344.96	1/4	1,930.24	1/4	1,515.52	1/4	1,100.80	1/4	686.08	1/4	278.24	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	3.579.67	1/2	3.165.76	1/2	2,751.04	1/2	2,336.32	1/2	1,921.60	1/2	1,506.88	1/2	1,092.16	1/2	677.44	1/2	269.60	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3.571.06	3/4	3.157.12	3/4	2,742.40	3/4	2,327.68	3/4	1,912.96	3/4	1,496.24	3/4	1,083.52	3/4	668.80	3/4	260.96	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	3.562.45	10	3.148.48	10	2,733.76	10	2,319.04	10	1,904.32	10	1,489.60	10	1,074.88	10	660.16	10	252.32	10	10	10	10	10	10	10	10	10
1/4	1/4	3.553.84	1/4	3.139.84	1/4	2,725.12	1/4	2,310.40	1/4	1,895.68	1/4	1,480.96	1/4	1,066.24	1/4	651.52	1/4	243.68	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	3.545.22	1/2	3.131.20	1/2	2,716.48	1/2	2,301.76	1/2	1,887.04	1/2	1,472.32	1/2	1,057.60	1/2	642.88	1/2	235.04	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3.536.61	3/4	3.122.56	3/4	2,707.84	3/4	2,293.12	3/4	1,878.40	3/4	1,463.68	3/4	1,048.96	3/4	634.24	3/4	226.40	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	3.528.00	11	3.113.92	11	2,699.20	11	2,284.48	11	1,869.76	11	1,455.04	11	1,040.32	11	625.60	11	217.76	11	11	11	11	11	11	11	11	11
1/4	1/4	3.519.39	1/4	3.105.28	1/4	2,690.56	1/4	2,275.84	1/4	1,861.12	1/4	1,446.40	1/4	1,031.68	1/4	616.96	1/4	209.12	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	3.510.78																									

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

* CAPACITY BELOW STRIKE POINT.

REFERENCE GAUGE HEIGHT: 11'-5 1/2" (RIM OF HATCH LOCATED
NEAR CENTER OF TANK)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.


INSPECTORATE AMERICA CORPORATION



BARGE "MPC-776"
MARATHON PETROLEUM COMPANY
OUTAGE TABLE

TANK NO.
2 STAR

HULL NO. 2149-1

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.		
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	4,320.21	0	3,906.89	0	3,493.56	0	3,079.36	0	2,664.64	0	2,249.92	0	1,835.20	0	1,420.48	0	1,005.76	0	592.76	0	183.20	0	0	0	0	0	0	0	0
1/4	1/4	4,311.60	1/4	3,898.28	1/4	3,484.95	1/4	3,070.72	1/4	2,656.00	1/4	2,241.28	1/4	1,826.56	1/4	1,411.84	1/4	997.12	1/4	584.98	1/4	174.56	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	4,543.51	1/2	3,889.66	1/2	3,476.34	1/2	3,062.08	1/2	2,647.36	1/2	2,232.64	1/2	1,817.92	1/2	1,403.20	1/2	988.48	1/2	577.20	1/2	165.92	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	4,543.11	3/4	3,881.05	3/4	3,467.73	3/4	3,053.44	3/4	2,638.72	3/4	2,224.00	3/4	1,809.28	3/4	1,394.56	3/4	979.84	3/4	569.42	3/4	157.28	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
1	1	4,285.77	1	3,872.44	1	3,459.11	1	3,044.80	1	2,630.08	1	2,215.36	1	1,800.64	1	1,385.92	1	971.20	1	561.64	1	148.64	1	1	1	1	1	1	1	1
1/4	1/4	4,542.71	1/4	3,863.83	1/4	3,450.50	1/4	3,036.16	1/4	2,621.44	1/4	2,206.72	1/4	1,792.00	1/4	1,377.28	1/4	962.56	1/4	553.86	1/4	140.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	4,541.90	1/2	3,855.22	1/2	3,441.89	1/2	3,027.52	1/2	2,612.80	1/2	2,198.08	1/2	1,783.36	1/2	1,368.64	1/2	953.92	1/2	546.08	1/2	131.36	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	4,540.63	3/4	3,846.61	3/4	3,433.28	3/4	3,018.88	3/4	2,604.16	3/4	2,189.44	3/4	1,774.72	3/4	1,360.00	3/4	945.28	3/4	537.44	3/4	123.58	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
2	2	4,538.37	2	3,838.00	2	3,424.67	2	3,010.24	2	2,595.52	2	2,180.80	2	1,766.08	2	1,351.36	2	936.64	2	528.80	2	115.80	2	2	2	2	2	2	2	2
1/4	1/4	4,538.10	1/4	3,829.39	1/4	3,416.06	1/4	3,001.60	1/4	2,586.88	1/4	2,172.16	1/4	1,757.44	1/4	1,342.72	1/4	928.00	1/4	520.16	1/4	108.02	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	4,536.84	1/2	3,820.78	1/2	3,407.45	1/2	2,992.96	1/2	2,578.24	1/2	2,163.52	1/2	1,748.80	1/2	1,334.08	1/2	919.36	1/2	511.52	1/2	100.24	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	4,534.71	3/4	3,812.17	3/4	3,398.84	3/4	2,984.32	3/4	2,569.60	3/4	2,154.88	3/4	1,740.16	3/4	1,325.44	3/4	910.72	3/4	502.88	3/4	92.46	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
3	3	4,532.57	3	3,803.55	3	3,390.23	3	2,975.68	3	2,560.96	3	2,146.24	3	1,731.52	3	1,316.80	3	902.08	3	494.24	3	84.68	3	3	3	3	3	3	3	3
1/4	1/4	4,530.44	1/4	3,794.94	1/4	3,381.62	1/4	2,967.04	1/4	2,552.32	1/4	2,137.60	1/4	1,722.88	1/4	1,308.16	1/4	893.44	1/4	485.60	1/4	76.90	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	4,528.31	1/2	3,786.33	1/2	3,373.00	1/2	2,958.40	1/2	2,543.68	1/2	2,128.96	1/2	1,714.24	1/2	1,299.52	1/2	884.80	1/2	476.96	1/2	69.12	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	4,525.32	3/4	3,777.72	3/4	3,364.39	3/4	2,949.76	3/4	2,535.04	3/4	2,120.32	3/4	1,705.60	3/4	1,290.88	3/4	876.16	3/4	468.32	3/4	61.56	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
4	4	4,522.32	4	3,769.11	4	3,355.78	4	2,941.12	4	2,526.40	4	2,111.68	4	1,696.96	4	1,282.24	4	867.52	4	459.68	4	54.00	4	4	4	4	4	4	4	4
1/4	1/4	4,519.33	1/4	3,760.50	1/4	3,347.17	1/4	2,932.48	1/4	2,517.76	1/4	2,103.04	1/4	1,688.32	1/4	1,273.60	1/4	858.88	1/4	451.04	1/4	46.44	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	4,516.34	1/2	3,751.89	1/2	3,338.56	1/2	2,923.84	1/2	2,509.12	1/2	2,094.40	1/2	1,679.68	1/2	1,264.96	1/2	850.24	1/2	442.40	1/2	38.88	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	4,512.48	3/4	3,743.28	3/4	3,329.92	3/4	2,915.20	3/4	2,500.48	3/4	2,085.76	3/4	1,671.04	3/4	1,256.32	3/4	841.60	3/4	433.76	3/4	33.48	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
5	5	4,508.62	5	3,734.67	5	3,321.28	5	2,906.56	5	2,491.84	5	2,077.12	5	1,662.40	5	1,247.68	5	832.96	5	425.12	5	28.08	5	5	5	5	5	5	5	5
1/4	1/4	4,504.76	1/4	3,726.06	1/4	3,312.64	1/4	2,897.92	1/4	2,483.20	1/4	2,068.48	1/4	1,653.76	1/4	1,239.04	1/4	824.32	1/4	416.48	1/4	22.68	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	4,500.90	1/2	3,717.44	1/2	3,304.00	1/2	2,889.28	1/2	2,474.56	1/2	2,059.84	1/2	1,645.12	1/2	1,230.40	1/2	815.68	1/2	407.84	1/2	17.28	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	4,496.18	3/4	3,708.83	3/4	3,295.36	3/4	2,880.64	3/4	2,465.92	3/4	2,051.20	3/4	1,636.48	3/4	1,221.76	3/4	807.04	3/4	399.20	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	
6	6	4,491.45	6	3,700.22	6	3,286.72	6	2,872.00	6	2,457.28	6	2,042.56	6	1,627.84	6	1,213.12	6	798.40	6	390.56	6		6	6	6	6	6	6	6	6
1/4	1/4	4,486.73	1/4	3,691.61	1/4	3,278.08	1/4	2,863.36	1/4	2,448.64	1/4	2,033.92	1/4	1,619.20	1/4	1,204.48	1/4	789.76	1/4	381.92	1/4	381.92	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	4,482.01	1/2	3,683.00	1/2	3,269.44	1/2	2,854.72	1/2	2,440.00	1/2	2,025.28	1/2	1,610.56	1/2	1,195.84	1/2	781.12	1/2	373.28	1/2	373.28	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	4,476.42	3/4	3,674.39	3/4	3,260.80	3/4	2,846.08	3/4	2,431.36	3/4	2,016.64	3/4	1,601.92	3/4	1,187.20	3/4	772.48	3/4	364.64	3/4	364.64	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
7	7	4,470.83	7	3,665.78	7	3,252.16	7	2,837.44	7	2,422.72	7	2,008.00	7	1,593.28	7	1,178.56	7	763.84	7	356.00	7	356.00	7	7	7	7	7	7	7	7
1/4	1/4	4,465.25	1/4	3,657.17	1/4	3,243.52	1/4	2,828.80	1/4	2,414.08	1/4	1,999.36	1/4	1,584.64	1/4	1,169.92	1/4	755.20	1/4	347.36	1/4	347.36	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	4,459.66	1/2	3,648.56	1/2	3,234.88	1/2	2,820.16	1/2	2,405.44	1/2	1,990.72	1/2	1,576.00	1/2	1,161.28	1/2	746.56	1/2	338.72	1/2	338.72	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	4,453.21	3/4	3,639.95	3/4	3,226.24	3/4	2,811.52	3/4	2,396.80	3/4	1,982.08	3/4	1,567.36	3/4	1,152.64	3/4	737.92	3/4	330.08	3/4	330.08	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
8	8	4,446.76	8	3,631.33	8	3,217.60	8	2,802.88	8	2,388.16	8	1,973.44	8	1,558.72	8	1,144.00	8	729.28	8	321.44	8	321.44	8	8	8	8	8	8	8	8
1/4	1/4	4,440.31	1/4	3,622.72	1/4	3,208.96	1/4	2,794.24	1/4	2,379.52	1/4	1,964.80	1/4	1,550.08	1/4	1,135.36	1/4	720.64	1/4	312.80	1/4	312.80	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	4,433.86	1/2	3,614.11	1/2	3,200.32	1/2	2,785.60	1/2	2,370.88	1/2	1,956.16	1/2	1,541.44	1/2	1,126.72	1/2	712.00	1/2	304.16	1/2	304.16	1/2	1/2	1/2					



ISO 9002 ACCREDITED

BARGE "MPC-776"
MARATHON PETROLEUM COMPANY
OUTAGE TABLE

TANK NO.
3 PORT

HULL NO. 2149-1

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.	
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	4,230.27	0	4,006.31	0	3,621.45	0	3,236.58	0	2,850.89	0	2,464.78	0	2,078.66	0	1,692.55	0	1,306.44	0	920.33	0	537.41	0	154.50	0		0		0	
1/4	4,229.90	1/4	3,998.29	1/4	3,613.43	1/4	3,228.57	1/4	2,842.84	1/4	2,456.73	1/4	2,070.62	1/4	1,684.51	1/4	1,298.40	1/4	912.28	1/4	530.17	1/4	146.45	1/4		1/4		1/4	
1/2	4,229.52	1/2	3,990.28	1/2	3,605.41	1/2	3,220.55	1/2	2,834.80	1/2	2,448.69	1/2	2,062.58	1/2	1,676.46	1/2	1,290.35	1/2	904.24	1/2	522.92	1/2	138.41	1/2		1/2		1/2	
3/4	4,229.14	3/4	3,982.26	3/4	3,597.39	3/4	3,212.53	3/4	2,826.76	3/4	2,440.64	3/4	2,054.53	3/4	1,668.42	3/4	1,282.31	3/4	896.20	3/4	515.68	3/4	130.36	3/4		3/4		3/4	
1	4,228.77	1	3,974.24	1	3,589.38	1	3,204.51	1	2,818.71	1	2,432.60	1	2,046.49	1	1,660.38	1	1,274.26	1	888.15	1	508.43	1	122.32	1		1		1	
1/4	4,227.59	1/4	3,966.22	1/4	3,581.36	1/4	3,196.49	1/4	2,810.67	1/4	2,424.56	1/4	2,038.44	1/4	1,652.33	1/4	1,266.22	1/4	880.11	1/4	500.39	1/4	115.08	1/4		1/4		1/4	
1/2	4,226.41	1/2	3,958.20	1/2	3,573.34	1/2	3,188.48	1/2	2,802.62	1/2	2,416.51	1/2	2,030.40	1/2	1,644.29	1/2	1,258.18	1/2	872.06	1/2	492.34	1/2	107.83	1/2		1/2		1/2	
3/4	4,225.23	3/4	3,950.19	3/4	3,565.32	3/4	3,180.46	3/4	2,794.58	3/4	2,408.47	3/4	2,022.36	3/4	1,636.24	3/4	1,250.13	3/4	864.02	3/4	484.30	3/4	100.59	3/4		3/4		3/4	
2	4,224.05	2	3,942.17	2	3,557.30	2	3,172.44	2	2,786.54	2	2,400.42	2	2,014.31	2	1,628.20	2	1,242.09	2	855.98	2	476.26	2	93.34	2		2		2	
1/4	4,222.06	1/4	3,934.15	1/4	3,549.29	1/4	3,164.42	1/4	2,778.49	1/4	2,392.38	1/4	2,006.27	1/4	1,620.16	1/4	1,234.04	1/4	847.93	1/4	468.21	1/4	86.10	1/4		1/4		1/4	
1/2	4,220.08	1/2	3,926.13	1/2	3,541.27	1/2	3,156.40	1/2	2,770.45	1/2	2,384.34	1/2	1,998.22	1/2	1,612.11	1/2	1,226.00	1/2	839.89	1/2	460.17	1/2	78.85	1/2		1/2		1/2	
3/4	4,218.10	3/4	3,918.11	3/4	3,533.25	3/4	3,148.39	3/4	2,762.40	3/4	2,376.29	3/4	1,990.18	3/4	1,604.07	3/4	1,217.96	3/4	831.84	3/4	452.12	3/4	71.61	3/4		3/4		3/4	
3	4,216.11	3	3,910.10	3	3,525.23	3	3,140.37	3	2,754.36	3	2,368.25	3	1,982.14	3	1,596.02	3	1,209.91	3	823.80	3	444.08	3	64.36	3		3		3	
1/4	4,213.32	1/4	3,902.08	1/4	3,517.21	1/4	3,132.35	1/4	2,746.32	1/4	2,360.20	1/4	1,974.09	1/4	1,587.98	1/4	1,201.87	1/4	815.76	1/4	436.04	1/4	57.32	1/4		1/4		1/4	
1/2	4,210.53	1/2	3,894.06	1/2	3,509.20	1/2	3,124.33	1/2	2,738.27	1/2	2,352.16	1/2	1,966.05	1/2	1,579.84	1/2	1,193.82	1/2	807.71	1/2	427.99	1/2	50.28	1/2		1/2		1/2	
3/4	4,207.75	3/4	3,886.04	3/4	3,501.18	3/4	3,116.31	3/4	2,730.23	3/4	2,344.12	3/4	1,958.00	3/4	1,571.89	3/4	1,185.78	3/4	799.67	3/4	419.95	3/4	43.24	3/4		3/4		3/4	
4	4,204.96	4	3,878.02	4	3,493.16	4	3,108.30	4	2,722.18	4	2,336.07	4	1,949.96	4	1,563.85	4	1,177.74	4	791.62	4	411.90	4	36.20	4		4		4	
1/4	4,201.36	1/4	3,870.01	1/4	3,485.14	1/4	3,100.25	1/4	2,714.14	1/4	2,328.03	1/4	1,941.92	1/4	1,555.80	1/4	1,169.69	1/4	783.58	1/4	403.86	1/4	31.18	1/4		1/4		1/4	
1/2	4,197.77	1/2	3,861.99	1/2	3,477.12	1/2	3,092.21	1/2	2,706.10	1/2	2,319.98	1/2	1,933.87	1/2	1,547.76	1/2	1,161.65	1/2	775.54	1/2	395.82	1/2	26.15	1/2		1/2		1/2	
3/4	4,194.17	3/4	3,853.97	3/4	3,469.11	3/4	3,084.16	3/4	2,698.05	3/4	2,311.94	3/4	1,925.83	3/4	1,539.72	3/4	1,153.60	3/4	767.49	3/4	387.77	3/4	21.12	3/4		3/4		3/4	
5	4,190.58	5	3,845.95	5	3,461.09	5	3,076.12	5	2,690.01	5	2,303.90	5	1,917.78	5	1,531.67	5	1,145.56	5	759.45	5	379.73	5	* 16.09	5		5		5	
1/4	4,186.18	1/4	3,837.93	1/4	3,453.07	1/4	3,068.08	1/4	2,681.96	1/4	2,295.85	1/4	1,909.74	1/4	1,523.63	1/4	1,137.52	1/4	751.40	1/4	371.68	1/4	1/4	1/4		1/4		1/4	
1/2	4,181.78	1/2	3,829.92	1/2	3,445.05	1/2	3,060.03	1/2	2,673.92	1/2	2,287.81	1/2	1,901.70	1/2	1,515.58	1/2	1,129.47	1/2	743.36	1/2	363.64	1/2	1/2	1/2		1/2		1/2	
3/4	4,177.39	3/4	3,821.90	3/4	3,437.03	3/4	3,051.99	3/4	2,665.88	3/4	2,279.76	3/4	1,895.65	3/4	1,507.54	3/4	1,121.43	3/4	735.32	3/4	355.60	3/4	1/2	1/2		3/4		3/4	
6	4,172.99	6	3,813.88	6	3,429.02	6	3,043.94	6	2,657.83	6	2,271.72	6	1,885.61	6	1,499.50	6	1,113.38	6	727.27	6	347.55	6	1/2	1/2		6		6	
1/4	4,167.79	1/4	3,805.86	1/4	3,421.00	1/4	3,035.90	1/4	2,649.79	1/4	2,263.68	1/4	1,877.56	1/4	1,491.45	1/4	1,105.34	1/4	719.23	1/4	339.51	1/4	1/4	1/4		1/4		1/4	
1/2	4,162.59	1/2	3,797.84	1/2	3,412.98	1/2	3,027.86	1/2	2,641.74	1/2	2,255.63	1/2	1,869.52	1/2	1,483.41	1/2	1,097.30	1/2	711.18	1/2	331.46	1/2	1/2	1/2		1/2		1/2	
3/4	4,157.39	3/4	3,789.83	3/4	3,404.96	3/4	3,019.81	3/4	2,633.70	3/4	2,247.59	3/4	1,861.48	3/4	1,475.36	3/4	1,089.25	3/4	703.14	3/4	323.42	3/4	1/2	1/2		3/4		3/4	
7	4,152.18	7	3,781.81	7	3,396.94	7	3,013.77	7	2,625.66	7	2,239.54	7	1,853.43	7	1,467.32	7	1,081.21	7	695.10	7	315.38	7	7	7		7		7	
1/4	4,146.18	1/4	3,773.79	1/4	3,388.93	1/4	3,003.72	1/4	2,617.61	1/4	2,231.50	1/4	1,845.39	1/4	1,459.28	1/4	1,073.16	1/4	687.05	1/4	307.33	1/4	1/4	1/4		1/4		1/4	
1/2	4,140.17	1/2	3,765.77	1/2	3,380.91	1/2	2,995.68	1/2	2,609.57	1/2	2,223.46	1/2	1,837.34	1/2	1,451.23	1/2	1,065.12	1/2	679.01	1/2	299.29	1/2	1/2	1/2		1/2		1/2	
3/4	4,134.17	3/4	3,757.75	3/4	3,372.89	3/4	2,987.64	3/4	2,601.52	3/4	2,215.41	3/4	1,829.30	3/4	1,443.19	3/4	1,057.08	3/4	670.96	3/4	291.24	3/4	1/2	1/2		3/4		3/4	
8	4,128.16	8	3,749.74	8	3,364.87	8	2,979.59	8	2,593.48	8	2,207.37	8	1,821.26	8	1,435.14	8	1,049.03	8	652.92	8	283.20	8	1/2	1/2		8		8	
1/4	4,121.35	1/4	3,741.72	1/4	3,356.85	1/4	2,971.55	1/4	2,585.44	1/4	2,199.32	1/4	1,813.21	1/4	1,427.10	1/4	1,040.99	1/4	654.88	1/4	275.16	1/4	1/4	1/4		1/4		1/4	
1/2	4,114.54	1/2	3,733.70	1/2	3,348.84	1/2	2,963.50	1/2	2,577.39	1/2	2,191.28	1/2	1,805.17	1/2	1,411.06	1/2	1,032.94	1/2	646.83	1/2	267.11	1/2	1/2	1/2		1/2		1/2	
3/4	4,107.73	3/4	3,725.68	3/4	3,340.82	3/4	2,955.46	3/4	2,569.35	3/4	2,183.24	3/4	1,797.12	3/4	1,411.01	3/4	1,024.90	3/4	638.79	3/4	259.07	3/4	1/2	1/2		3/4		3/4	</



INSPECTORATE

ISO 9002 ACCREDITED

BARGE "MPC-776"
MARATHON PETROLEUM COMPANY
OUTAGE TABLE

TANK NO.
3 STAR

HULL NO. 2149-1

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.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	0	4,022.35	0	3,637.48	0	3,252.62	0	2,866.98	0	2,480.86	0	2,094.75	0	1,708.64	0	1,322.53	0	936.42	0	551.90	0	170.58	0	0	0	0	0	0	0
1/4	1/4	4,014.33	1/4	3,629.47	1/4	3,244.60	1/4	2,858.93	1/4	2,472.82	1/4	2,086.71	1/4	1,700.60	1/4	1,314.48	1/4	928.37	1/4	544.66	1/4	162.54	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	4,230.27	1/2	3,621.45	1/2	3,236.58	1/2	2,850.89	1/2	2,464.78	1/2	2,078.66	1/2	1,692.55	1/2	1,306.44	1/2	920.33	1/2	537.41	1/2	154.50	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	4,229.90	3/4	3,613.43	3/4	3,228.57	3/4	2,842.84	3/4	2,456.73	3/4	2,070.62	3/4	1,684.51	3/4	1,298.40	3/4	912.28	3/4	530.17	3/4	146.45	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	4,229.52	1	3,605.41	1	3,220.55	1	2,834.80	1	2,448.69	1	2,062.58	1	1,676.46	1	1,290.35	1	904.24	1	522.92	1	138.41	1	1	1	1	1	1	1
1/4	1/4	4,229.14	1/4	3,597.39	1/4	3,212.53	1/4	2,826.76	1/4	2,440.64	1/4	2,054.53	1/4	1,668.42	1/4	1,282.31	1/4	896.20	1/4	515.68	1/4	130.36	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	4,228.77	1/2	3,589.38	1/2	3,204.51	1/2	2,818.74	1/2	2,432.60	1/2	2,046.49	1/2	1,660.38	1/2	1,274.26	1/2	888.15	1/2	508.43	1/2	122.32	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	4,227.59	3/4	3,581.36	3/4	3,196.49	3/4	2,810.67	3/4	2,424.56	3/4	2,038.44	3/4	1,652.33	3/4	1,266.22	3/4	880.11	3/4	500.39	3/4	115.08	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	4,226.41	2	3,573.34	2	3,188.48	2	2,802.62	2	2,416.51	2	2,030.40	2	1,644.29	2	1,258.18	2	872.06	2	492.34	2	107.83	2	2	2	2	2	2	2
1/4	1/4	4,225.23	1/4	3,565.32	1/4	3,180.46	1/4	2,794.58	1/4	2,408.47	1/4	2,022.36	1/4	1,636.24	1/4	1,250.13	1/4	864.24	1/4	484.30	1/4	100.59	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	4,224.05	1/2	3,557.30	1/2	3,172.44	1/2	2,786.54	1/2	2,400.42	1/2	2,014.31	1/2	1,628.20	1/2	1,242.09	1/2	855.98	1/2	476.26	1/2	93.34	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	4,222.06	3/4	3,549.29	3/4	3,164.42	3/4	2,778.49	3/4	2,392.38	3/4	2,006.27	3/4	1,620.16	3/4	1,234.04	3/4	847.93	3/4	468.21	3/4	86.10	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	4,220.08	3	3,541.27	3	3,156.40	3	2,770.45	3	2,384.34	3	1,998.22	3	1,612.11	3	1,226.00	3	839.89	3	460.17	3	78.85	3	3	3	3	3	3	3
1/4	1/4	4,218.11	1/4	3,533.25	1/4	3,148.39	1/4	2,762.40	1/4	2,376.29	1/4	1,990.18	1/4	1,604.07	1/4	1,217.96	1/4	831.84	1/4	452.12	1/4	71.61	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	4,216.11	1/2	3,525.23	1/2	3,140.37	1/2	2,754.36	1/2	2,368.25	1/2	1,982.14	1/2	1,596.02	1/2	1,209.91	1/2	823.80	1/2	444.08	1/2	64.36	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	4,213.32	3/4	3,517.21	3/4	3,132.35	3/4	2,746.32	3/4	2,360.20	3/4	1,974.09	3/4	1,587.98	3/4	1,201.87	3/4	815.76	3/4	436.04	3/4	57.32	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4,210.53	4	3,509.20	4	3,124.33	4	2,738.27	4	2,352.16	4	1,966.05	4	1,579.94	4	1,193.82	4	807.71	4	427.99	4	50.28	4	4	4	4	4	4	4
1/4	1/4	4,207.75	1/4	3,501.18	1/4	3,116.31	1/4	2,730.23	1/4	2,344.12	1/4	1,958.00	1/4	1,571.89	1/4	1,185.78	1/4	799.67	1/4	419.95	1/4	43.24	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	4,204.96	1/2	3,493.16	1/2	3,108.30	1/2	2,722.18	1/2	2,336.07	1/2	1,949.96	1/2	1,563.85	1/2	1,177.74	1/2	791.62	1/2	411.90	1/2	36.20	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	4,201.36	3/4	3,485.14	3/4	3,100.25	3/4	2,714.14	3/4	2,328.03	3/4	1,941.92	3/4	1,555.80	3/4	1,169.69	3/4	783.58	3/4	403.86	3/4	31.18	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	4,197.77	5	3,477.12	5	3,092.21	5	2,706.10	5	2,319.98	5	1,933.87	5	1,547.76	5	1,161.65	5	775.54	5	395.82	5	26.15	5	5	5	5	5	5	5
1/4	1/4	4,194.17	1/4	3,469.11	1/4	3,084.16	1/4	2,698.05	1/4	2,311.94	1/4	1,925.83	1/4	1,539.72	1/4	1,153.60	1/4	767.49	1/4	387.77	1/4	21.12	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	4,190.58	1/2	3,461.09	1/2	3,076.12	1/2	2,690.01	1/2	2,303.90	1/2	1,917.78	1/2	1,531.67	1/2	1,145.56	1/2	759.45	1/2	379.73	1/2	* 16.09	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	4,186.18	3/4	3,453.07	3/4	3,068.08	3/4	2,681.96	3/4	2,295.85	3/4	1,909.74	3/4	1,523.63	3/4	1,137.52	3/4	751.40	3/4	371.68	3/4	13.77	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	4,181.78	6	3,445.05	6	3,060.03	6	2,673.92	6	2,287.81	6	1,901.70	6	1,515.58	6	1,129.47	6	743.36	6	363.64	6	6	6	6	6	6	6	6	6
1/4	1/4	4,177.39	1/4	3,437.03	1/4	3,051.99	1/4	2,665.88	1/4	2,279.76	1/4	1,893.65	1/4	1,507.54	1/4	1,121.43	1/4	735.32	1/4	355.60	1/4	4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	4,172.99	1/2	3,429.02	1/2	3,043.94	1/2	2,657.83	1/2	2,271.72	1/2	1,885.61	1/2	1,499.50	1/2	1,113.38	1/2	727.27	1/2	347.55	1/2	3	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	4,167.79	3/4	3,421.00	3/4	3,035.90	3/4	2,649.79	3/4	2,263.68	3/4	1,877.56	3/4	1,491.45	3/4	1,105.34	3/4	719.23	3/4	339.51	3/4	2	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	4,162.59	7	3,412.98	7	3,027.86	7	2,641.74	7	2,255.63	7	1,869.52	7	1,483.41	7	1,097.30	7	711.18	7	331.46	7	7	7	7	7	7	7	7	7
1/4	1/4	4,157.39	1/4	3,404.96	1/4	3,019.81	1/4	2,633.70	1/4	2,247.59	1/4	1,861.48	1/4	1,475.36	1/4	1,089.25	1/4	703.14	1/4	323.42	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	4,152.18	1/2	3,396.94	1/2	3,011.77	1/2	2,625.66	1/2	2,239.54	1/2	1,853.43	1/2	1,467.32	1/2	1,081.21	1/2	695.10	1/2	315.38	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	4,146.18	3/4	3,388.93	3/4	3,003.72	3/4	2,617.61	3/4	2,231.50	3/4	1,845.39	3/4	1,459.28	3/4	1,073.16	3/4	687.05	3/4	307.33	3/4	1/2	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	4,140.17	8	3,380.91	8	2,995.68	8	2,609.57	8	2,223.46	8	1,837.34	8	1,451.23	8	1,065.12	8	679.01	8	299.29	8	8	8	8	8	8	8	8	8
1/4	1/4	4,134.17	1/4	3,372.89	1/4	2,987.64	1/4	2,601.52	1/4	2,215.41	1/4	1,829.30	1/4	1,443.19	1/4	1,057.08	1/4	670.96	1/4	291.24	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	4,128.16	1/2	3,364.87	1/2	2,979.59	1/2	2,593.48	1/2	2,207.37	1/2	1,821.26	1/2	1,435.14	1/2	1,049.03	1/2	662.92	1/2	283.20	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	4,121.35	3/4	3,356.85	3/4	2,971.55	3/4	2,585.44	3/4	2,199.32	3/4	1,813.2.																	