



BARGE "MPC-625"

MARATHON PETROLEUM CORP.

HULL NO. 2161-4

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: 2/19/07

BY: 

INSPECTORATE AMERICA CORPORATION



INSPECTORATE

ISO 9002 ACCREDITED

BARGE "MPC-625"
MARATHON PETROLEUM CORP.

OUTAGE TABLE

1 PORT OR STAR

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

HULL NO. 2161-4

	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
5 102.71	0	0	5,102.09	0	4,826.33	0	4,467.73	0	4,109.12	0	3,750.51	0	3,391.90	0	3,033.29	0	2,674.69	0	2,316.08	0	1,957.47	0	1,598.86	0	1,240.25	0	881.65	0	523.04	0	180.50	
	1/4	1/4	5,101.46	1/4	4,818.86	1/4	4,460.25	1/4	4,101.65	1/4	3,743.04	1/4	3,384.43	1/4	3,025.82	1/4	2,667.21	1/4	2,308.61	1/4	1,950.00	1/4	1,591.39	1/4	1,232.78	1/4	874.17	1/4	515.57	1/4	173.72	
	1/2	1/2	5,100.46	1/2	4,811.39	1/2	4,452.78	1/2	4,094.18	1/2	3,735.57	1/2	3,376.96	1/2	3,018.35	1/2	2,659.74	1/2	2,301.14	1/2	1,942.53	1/2	1,583.92	1/2	1,225.31	1/2	866.70	1/2	508.10	1/2	166.93	
	3/4	3/4	5,100.22	3/4	4,803.92	3/4	4,445.31	3/4	4,086.70	3/4	3,728.10	3/4	3,369.49	3/4	3,010.88	3/4	2,652.27	3/4	2,293.66	3/4	1,935.06	3/4	1,576.45	3/4	1,217.84	3/4	859.23	3/4	500.62	3/4	160.15	
	1	1	5,098.35	1	4,796.45	1	4,437.84	1	4,079.23	1	3,720.63	1	3,362.02	1	3,003.41	1	2,644.80	1	2,286.19	1	1,927.59	1	1,568.98	1	1,210.37	1	851.76	1	493.22	1	153.49	
	1/4	1/4	5,096.49	1/4	4,788.98	1/4	4,430.37	1/4	4,071.76	1/4	3,713.15	1/4	3,354.55	1/4	2,995.94	1/4	2,637.33	1/4	2,278.72	1/4	1,920.11	1/4	1,561.51	1/4	1,202.90	1/4	844.29	1/4	485.82	1/4	146.84	
	1/2	1/2	5,094.62	1/2	4,781.51	1/2	4,425.90	1/2	4,064.29	1/2	3,705.66	1/2	3,347.08	1/2	2,988.47	1/2	2,629.86	1/2	2,271.25	1/2	1,912.64	1/2	1,554.04	1/2	1,195.43	1/2	836.82	1/2	478.41	1/2	140.18	
	3/4	3/4	5,092.75	3/4	4,774.04	3/4	4,415.43	3/4	4,056.82	3/4	3,698.21	3/4	3,339.60	3/4	2,981.00	3/4	2,622.39	3/4	2,263.78	3/4	1,905.17	3/4	1,546.56	3/4	1,187.96	3/4	829.35	3/4	471.01	3/4	133.52	
	2	2	5,089.64	2	4,766.57	2	4,407.96	2	4,049.35	2	3,690.74	2	3,332.13	2	2,973.53	2	2,614.92	2	2,256.31	2	1,897.70	2	1,539.09	2	1,180.49	2	821.88	2	463.60	2	126.86	
	1/4	1/4	5,086.53	1/4	4,759.09	1/4	4,400.49	1/4	4,041.88	1/4	3,683.27	1/4	3,324.66	1/4	2,966.05	1/4	2,607.45	1/4	2,248.84	1/4	1,890.23	1/4	1,531.62	1/4	1,173.01	1/4	814.41	1/4	456.20	1/4	120.20	
	1/2	1/2	5,083.42	1/2	4,751.62	1/2	4,393.02	1/2	4,034.41	1/2	3,675.80	1/2	3,317.19	1/2	2,958.58	1/2	2,599.98	1/2	2,241.37	1/2	1,882.76	1/2	1,524.15	1/2	1,165.34	1/2	806.94	1/2	448.80	1/2	113.55	
	3/4	3/4	5,080.31	3/4	4,744.15	3/4	4,385.54	3/4	4,026.94	3/4	3,668.33	3/4	3,309.72	3/4	2,951.11	3/4	2,592.50	3/4	2,233.90	3/4	1,875.29	3/4	1,516.68	3/4	1,158.07	3/4	799.46	3/4	441.39	3/4	106.89	
	3	3	5,075.95	3	4,738.68	3	4,378.07	3	4,019.47	3	3,660.86	3	3,302.25	3	2,943.64	3	2,585.03	3	2,228.43	3	1,867.82	3	1,509.21	3	1,150.60	3	791.99	3	434.11	3	100.36	
	1/4	1/4	5,071.60	1/4	4,729.21	1/4	4,370.60	1/4	4,011.99	1/4	3,653.39	1/4	3,294.78	1/4	2,936.17	1/4	2,577.56	1/4	2,218.95	1/4	1,859.35	1/4	1,501.74	1/4	1,143.13	1/4	784.52	1/4	426.83	1/4	99.82	
	1/2	1/2	5,067.24	1/2	4,721.74	1/2	4,363.13	1/2	4,004.52	1/2	3,645.92	1/2	3,287.31	1/2	2,928.70	1/2	2,570.09	1/2	2,211.48	1/2	1,852.88	1/2	1,494.27	1/2	1,135.66	1/2	777.05	1/2	419.55	1/2	87.29	
3/4	3/4	5,062.88	3/4	4,714.27	3/4	4,355.66	3/4	3,997.05	3/4	3,638.44	3/4	3,279.84	3/4	2,921.23	3/4	2,562.82	3/4	2,204.01	3/4	1,845.40	3/4	1,486.80	3/4	1,128.19	3/4	769.58	3/4	412.27	3/4	80.76		
4	4	5,057.28	4	4,706.80	4	4,348.19	4	3,989.58	4	3,630.97	4	3,272.37	4	2,913.76	4	2,555.15	4	2,196.54	4	1,837.93	4	1,479.33	4	1,120.72	4	762.11	4	404.99	4	74.22		
1/4	1/4	5,051.68	1/4	4,699.33	1/4	4,340.72	1/4	3,982.11	1/4	3,623.50	1/4	3,264.89	1/4	2,906.29	1/4	2,547.68	1/4	2,189.07	1/4	1,830.46	1/4	1,471.85	1/4	1,113.25	1/4	754.64	1/4	397.71	1/4	67.69		
1/2	1/2	5,046.08	1/2	4,691.86	1/2	4,333.25	1/2	3,974.64	1/2	3,616.03	1/2	3,257.42	1/2	2,898.82	1/2	2,540.21	1/2	2,181.60	1/2	1,822.92	1/2	1,464.38	1/2	1,105.78	1/2	747.17	1/2	390.43	1/2	61.16		
3/4	3/4	5,040.48	3/4	4,684.38	3/4	4,325.78	3/4	3,967.17	3/4	3,608.56	3/4	3,249.95	3/4	2,891.34	3/4	2,532.74	3/4	2,174.13	3/4	1,815.52	3/4	1,456.91	3/4	1,098.30	3/4	739.70	3/4	383.15	3/4	54.62		
5	5	5,033.64	5	4,676.91	5	4,318.31	5	3,959.70	5	3,601.09	5	3,242.48	5	2,883.87	5	2,525.27	5	2,166.66	5	1,808.05	5	1,449.44	5	1,090.83	5	732.23	5	376.00	5	38.00		
1/4	1/4	5,026.80	1/4	4,669.44	1/4	4,310.83	1/4	3,952.23	1/4	3,593.62	1/4	3,235.01	1/4	2,876.40	1/4	2,517.79	1/4	2,159.19	1/4	1,800.58	1/4	1,441.97	1/4	1,083.36	1/4	724.75	1/4	368.84	1/4	43.27		
1/2	1/2	5,019.95	1/2	4,661.97	1/2	4,303.36	1/2	3,944.76	1/2	3,586.15	1/2	3,227.54	1/2	2,869.93	1/2	2,510.32	1/2	2,151.72	1/2	1,793.11	1/2	1,434.50	1/2	1,075.89	1/2	717.28	1/2	361.69	1/2	37.60		
3/4	3/4	5,013.11	3/4	4,654.50	3/4	4,295.89	3/4	3,937.28	3/4	3,578.68	3/4	3,220.07	3/4	2,861.46	3/4	2,502.95	3/4	2,144.24	3/4	1,785.64	3/4	1,427.03	3/4	1,068.42	3/4	709.81	3/4	354.53	3/4	31.92		
6	6	5,005.64	6	4,647.03	6	4,288.42	6	3,929.81	6	3,571.21	6	3,212.60	6	2,853.99	6	2,495.38	6	2,136.77	6	1,778.17	6	1,419.56	6	1,053.48	6	702.34	6	347.38	6	34.38		
1/4	1/4	4,998.17	1/4	4,639.56	1/4	4,280.55	1/4	3,922.34	1/4	3,563.73	1/4	3,205.13	1/4	2,846.52	1/4	2,487.91	1/4	2,128.16	1/4	1,770.69	1/4	1,412.09	1/4	1,048.54	1/4	694.87	1/4	340.22	1/4	23.50		
1/2	1/2	4,990.70	1/2	4,632.09	1/2	4,273.48	1/2	3,914.87	1/2	3,556.26	1/2	3,197.66	1/2	2,839.05	1/2	2,480.44	1/2	2,121.83	1/2	1,763.22	1/2	1,404.62	1/2	1,046.01	1/2	687.40	1/2	333.07	1/2	19.29		
3/4	3/4	4,983.22	3/4	4,624.62	3/4	4,266.01	3/4	3,907.40	3/4	3,548.79	3/4	3,190.18	3/4	2,831.58	3/4	2,472.82	3/4	2,114.36	3/4	1,755.75	3/4	1,397.14	3/4	1,038.54	3/4	679.93	3/4	325.91	3/4	15.08		
7	7	4,975.75	7	4,617.15	7	4,258.54	7	3,899.93	7	3,541.32	7	3,182.71	7	2,824.11	7	2,465.50	7	2,106.89	7	1,748.28	7	1,389.67	7	1,031.07	7	672.46	7	318.88	7	31.88		
1/4	1/4	4,968.28	1/4	4,609.67	1/4	4,251.07	1/4	3,892.46	1/4	3,533.85	1/4	3,175.24	1/4	2,816.63	1/4	2,458.03	1/4	2,099.42	1/4	1,740.81	1/4	1,382.20	1/4	1,023.59	1/4	664.99	1/4	311.85	1/4	30.82		
1/2	1/2	4,960.81	1/2	4,602.20	1/2	4,243.60	1/2	3,884.99	1/2	3,526.38	1/2	3,167.77	1/2	2,809.16	1/2	2,450.56	1/2	2,091.95	1/2	1,733.34	1/2	1,374.73	1/2	1,016.12	1/2	657.52	1/2	304.82	1/2	27.70		
3/4	3/4	4,953.34	3/4	4,594.73	3/4	4,236.12	3/4	3,877.52	3/4	3,518.91	3/4	3,160.30	3/4	2,801.69	3/4	2,443.08	3/4	2,084.48	3/4	1,725.87	3/4	1,367.26	3/4	1,008.65	3/4	650.04	3/4	297.79	3/4	24.79		
8	8	4,945.87	8																													



ISO 9002 ACCREDITED

BARGE "MPC-625"
MARATHON PETROLEUM CORP.
OUTAGE TABLE

2 PORT

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

HULL NO. 2161-4

		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	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
0	0	5,145.30	4,862.12	4,503.08	4,144.04	3,765.00	3,425.96	3,066.92	2,707.88	2,348.84	1,989.80	1,630.76	1,271.72	912.68	553.64	194.60	
1	1	5,144.67	4,854.64	4,495.60	4,136.56	3,777.52	3,418.48	3,059.44	2,700.40	2,341.36	1,982.32	1,623.28	1,264.24	905.20	546.16	187.12	
2	2	5,144.05	4,847.16	4,486.12	4,126.08	3,770.04	3,411.00	3,051.96	2,692.92	2,333.88	1,974.84	1,615.80	1,256.76	897.72	538.68	179.64	
3	3	5,142.17	4,839.68	4,480.64	4,121.60	3,762.56	3,403.52	3,044.48	2,685.44	2,326.40	1,967.36	1,608.32	1,249.28	890.24	531.20	172.16	
4	4	5,140.30	4,832.20	4,473.16	4,114.12	3,755.08	3,395.04	3,037.00	2,677.36	2,318.92	1,959.88	1,600.84	1,241.80	882.76	523.72	164.68	
5	5	5,138.43	4,824.72	4,463.68	4,106.64	3,747.60	3,386.56	3,029.52	2,670.48	2,311.96	1,952.40	1,593.36	1,234.32	875.28	516.24	157.20	
6	6	5,136.55	4,817.24	4,453.20	4,099.16	3,740.12	3,381.08	3,022.04	2,663.00	2,303.96	1,944.92	1,585.88	1,226.84	867.80	508.76	149.72	
7	7	5,134.68	4,809.76	4,450.72	4,091.68	3,732.64	3,373.60	3,014.56	2,655.52	2,296.48	1,937.44	1,578.40	1,219.36	859.32	501.28	142.24	
8	8	5,130.30	4,802.28	4,443.24	4,084.20	3,725.16	3,366.12	3,007.08	2,648.04	2,289.00	1,929.96	1,570.92	1,211.88	852.84	493.80	134.76	
9	9	5,127.18	4,794.80	4,435.76	4,076.72	3,717.68	3,358.64	2,999.60	2,640.56	2,281.52	1,922.48	1,563.44	1,204.40	845.36	486.32	127.28	
10	10	5,124.05	4,787.32	4,428.28	4,068.24	3,710.20	3,351.16	2,992.12	2,633.08	2,274.04	1,915.00	1,555.96	1,196.92	837.88	478.84	119.80	
11	11	5,119.68	4,779.84	4,420.80	4,061.76	3,702.72	3,343.68	2,984.64	2,625.60	2,266.56	1,907.52	1,548.48	1,189.44	830.40	471.36	112.32	
12	12	5,115.31	4,772.36	4,413.32	4,054.28	3,695.24	3,336.20	2,977.16	2,618.12	2,259.08	1,900.04	1,541.00	1,181.96	822.92	463.88	104.84	
13	13	5,110.94	4,764.88	4,405.84	4,046.80	3,687.76	3,328.72	2,969.68	2,610.64	2,251.60	1,892.56	1,533.52	1,174.48	815.44	456.40	97.36	
14	14	5,106.56	4,757.40	4,398.36	4,039.32	3,680.28	3,321.24	2,962.20	2,603.16	2,244.12	1,885.08	1,526.04	1,167.00	807.96	448.92	89.88	
15	15	5,100.94	4,749.92	4,390.88	4,031.84	3,672.80	3,313.76	2,954.72	2,595.68	2,236.64	1,877.60	1,518.56	1,159.52	800.48	441.44	82.40	
16	16	5,098.70	4,742.44	4,383.40	4,024.36	3,665.32	3,306.28	2,947.24	2,588.20	2,229.16	1,870.12	1,511.08	1,152.04	793.00	433.96	74.92	
17	17	5,098.70	4,734.96	4,375.92	4,016.88	3,657.84	3,298.80	2,939.76	2,580.72	2,221.68	1,862.64	1,503.60	1,144.56	785.52	426.48	67.44	
18	18	5,094.08	4,727.48	4,368.44	4,009.40	3,650.36	3,291.32	2,932.28	2,573.24	2,214.20	1,855.16	1,496.12	1,137.08	778.04	419.00	59.96	
19	19	5,077.21	4,720.00	4,360.96	4,001.92	3,642.88	3,283.84	2,924.80	2,565.76	2,206.72	1,847.68	1,488.64	1,129.60	770.56	411.52	52.40	
20	20	5,070.34	4,712.52	4,353.48	3,993.44	3,635.40	3,276.36	2,917.32	2,558.28	2,199.24	1,840.20	1,481.16	1,122.12	763.08	404.04	44.92	
21	21	5,063.47	4,705.04	4,346.00	3,986.96	3,627.92	3,268.88	2,909.84	2,550.80	2,191.76	1,832.72	1,473.68	1,114.64	755.60	396.56	37.44	
22	22	5,056.60	4,697.56	4,336.52	3,979.48	3,620.44	3,261.40	2,902.36	2,543.24	2,184.32	1,825.24	1,466.20	1,107.16	748.12	388.08	30.20	
23	23	5,049.12	4,690.08	4,331.04	3,972.00	3,612.96	3,253.92	2,894.88	2,535.84	2,176.80	1,817.76	1,458.72	1,100.68	740.64	381.60	22.96	
24	24	5,042.64	4,682.60	4,323.56	3,964.52	3,605.48	3,246.44	2,887.40	2,528.36	2,169.32	1,810.20	1,451.24	1,092.20	733.16	374.12	15.52	
25	25	5,034.16	4,675.12	4,316.08	3,957.04	3,598.00	3,238.96	2,879.92	2,520.88	2,161.84	1,802.80	1,443.76	1,084.72	725.68	366.64	8.08	
26	26	5,026.68	4,667.64	4,308.60	3,949.56	3,590.52	3,231.48	2,872.44	2,513.40	2,154.36	1,795.32	1,436.28	1,077.24	718.20	359.16	1.60	
27	27	5,019.20	4,660.16	4,301.12	3,942.08	3,583.04	3,224.00	2,864.96	2,505.92	2,146.88	1,787.84	1,428.80	1,069.76	710.72	351.68	-5.04	
28	28	5,011.72	4,652.68	4,293.64	3,934.60	3,575.56	3,216.52	2,857.48	2,498.46	2,139.40	1,780.36	1,421.32	1,062.28	703.24	344.20	-12.56	
29	29	5,004.24	4,645.20	4,286.16	3,927.12	3,568.08	3,209.04	2,850.00	2,490.96	2,131.92	1,772.88	1,413.84	1,054.80	695.76	336.72	-20.08	
30	30	4,996.76	4,637.72	4,278.68	3,919.64	3,560.60	3,201.56	2,842.52	2,483.48	2,124.44	1,765.40	1,406.36	1,047.32	688.28	329.24	-27.60	
31	31	4,989.28	4,630.24	4,271.20	3,912.16	3,553.12	3,194.08	2,835.04	2,476.00	2,116.96	1,757.92	1,398.88	1,039.84	680.80	321.76	-35.12	
32	32	4,981.80	4,622.76	4,263.72	3,904.68	3,545.64	3,186.60	2,827.56	2,468.52	2,109.48	1,750.44	1,391.40	1,032.36	673.32	314.28	-42.64	
33	33	4,974.32	4,615.28	4,256.24	3,897.20	3,538.16	3,179.12	2,820.08	2,461.04	2,102.00	1,742.96	1,383.92	1,024.88	665.84	306.80	-50.16	
34	34	4,966.84	4,607.80	4,248.76	3,889.72	3,530.68	3,171.64	2,812.60	2,453.56	2,094.52	1,735.48	1,376.44	1,017.40	658.36	299.32	-57.68	
35	35	4,959.36	4,600.32	4,241.28	3,882.24	3,523.20	3,164.16	2,805.12	2,446.08	2,087.04	1,728.00	1,368.96	1,009.92	650.88	291.84	-65.20	
36	36	4,951.88	4,592.84	4,233.80	3,874.76	3,515.72	3,156.68	2,797.64	2,438.60	2,079.56	1,720.52	1,361.48	1,002.44	643.40	284.36	-72.72	
37	37	4,944.40	4,585.36	4,226.32	3,867.28	3,508.24	3,149.20	2,790.16	2,431.12	2,072.08	1,713.04	1,354.00	994.96	635.92	276.88	-80.24	
38	38	4,936.92	4,577.88	4,218.84	3,859.80	3,500.76	3,141.72	2,782.68	2,423.64	2,064.60	1,705.56	1,346.52	987.48	628.44	269.40	-87.76	
39	39	4,929.44	4,570.40	4,211.36	3,852.32	3,493.28	3,134.24	2,775.20	2,416.16	2,057.12	1,698.08	1,339.04	980.00	620.96	261.92	-95.28	
40	40	4,921.96	4,562.92	4,203.88	3,844.84	3,485.80	3,126.76	2,767.72	2,408.68	2,049.64	1,690.60	1,331.56	972.52	613.48	254.44	-102.80	
41	41	4,914.48	4,555.44	4,196.40	3,837.36	3,478.32	3,119.28	2,760.24	2,401.20	2,042.16	1,683.12	1,324.08	965.04	606.00	246.96	-110.32	
42	42	4,907.00	4,547.96	4,188.92	3,829.88	3,470.84	3,111.80	2,752.76	2,393.72	2,034.68	1,675.64	1,316.60	957.56	598.52	239.48	-117.84	
43	43	4,899.52	4,540.48	4,181.44	3,822.40	3,463.36	3,104.32	2,745.28	2,386.24	2,027.20	1,668.16	1,309.12	949.00	591.04	232.00	-125.36	
44	44	4,892.04	4,533.00	4,173.96	3,814.92	3,455.88	3,096.84	2,737.80	2,378.76	2,019.72	1,660.68	1,301.64	940.56	583.56	224.52	-132.88	
45	45	4,884.56	4,525.52	4,166.48	3,807.44	3,448.40	3,089.36	2,730.32	2,371.28	2,012.24	1,653.20	1,294.16	935.12	576.08	217.04	-140.40	
46	46	4,877.08	4,518.00	4,158.00	3,799.96	3,440.92	3,081.88	2,722.84	2,363.80	2,004.76	1,645.72	1,286.68	927.64	568.60	209.56	-147.92	
47	47	5,145.92	4,510.56	4,151.52	3,792.48	3,433.44	3,074.40	2,715.36	2,356.32	1,997.28	1,638.24	1,279.20	920.16	561.12	202.08	-155.44	

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT

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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ISO 9002 ACCREDITED

BARGE "MPC-625"
MARATHON PETROLEUM CORP.

OUTAGE TABLE

2 STAR

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

HULL NO. 2161-4

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	5,145.92	0	4,869.60	0	4,510.56	0	4,151.52	0	3,792.48	0	3,433.44	0	3,074.40	0	2,715.36	0	2,356.32	0	1,997.28	0	1,638.24	0	1,279.20	0	920.16	0	561.12	0	202.08			
1/4	1/4	5,145.30	1/4	4,862.12	1/4	4,503.08	1/4	4,144.04	1/4	3,785.00	1/4	3,425.96	1/4	3,066.92	1/4	2,707.88	1/4	2,348.84	1/4	1,989.80	1/4	1,630.76	1/4	1,271.72	1/4	912.68	1/4	553.64	1/4	194.60			
1/2	1/2	5,144.67	1/2	4,854.64	1/2	4,495.60	1/2	4,136.56	1/2	3,777.52	1/2	3,418.48	1/2	3,059.44	1/2	2,700.40	1/2	2,341.36	1/2	1,982.32	1/2	1,623.28	1/2	1,264.24	1/2	905.20	1/2	546.16	1/2	187.12			
3/4	3/4	5,144.05	3/4	4,847.16	3/4	4,488.12	3/4	4,129.08	3/4	3,770.04	3/4	3,411.00	3/4	3,051.96	3/4	2,692.92	3/4	2,333.88	3/4	1,974.84	3/4	1,615.80	3/4	1,256.76	3/4	897.72	3/4	538.68	3/4	179.64			
1	1	5,142.17	1	4,839.68	1	4,480.64	1	4,121.60	1	3,762.56	1	3,403.52	1	3,044.48	1	2,685.44	1	2,326.40	1	1,967.36	1	1,608.32	1	1,249.28	1	890.24	1	531.20	1	172.16			
1/4	1/4	5,140.30	1/4	4,832.20	1/4	4,473.16	1/4	4,114.12	1/4	3,755.08	1/4	3,396.04	1/4	3,037.00	1/4	2,677.96	1/4	2,318.92	1/4	1,959.88	1/4	1,600.84	1/4	1,241.80	1/4	882.76	1/4	523.72	1/4	164.68			
1/2	1/2	5,138.43	1/2	4,824.72	1/2	4,465.68	1/2	4,106.64	1/2	3,747.60	1/2	3,388.56	1/2	3,029.52	1/2	2,670.48	1/2	2,311.44	1/2	1,952.40	1/2	1,593.36	1/2	1,234.32	1/2	875.28	1/2	516.24	1/2	157.20			
3/4	3/4	5,136.55	3/4	4,817.24	3/4	4,456.80	3/4	4,099.16	3/4	3,740.12	3/4	3,381.08	3/4	3,022.04	3/4	2,663.00	3/4	2,303.96	3/4	1,944.92	3/4	1,585.88	3/4	1,226.84	3/4	867.80	3/4	508.76	3/4	149.72			
2	2	5,133.43	2	4,809.76	2	4,450.72	2	4,091.68	2	3,732.64	2	3,373.60	2	3,014.56	2	2,655.52	2	2,296.48	2	1,937.44	2	1,578.40	2	1,219.36	2	860.32	2	501.28	2	142.24			
1/4	1/4	5,130.30	1/4	4,802.28	1/4	4,443.24	1/4	4,084.20	1/4	3,725.16	1/4	3,366.12	1/4	3,007.08	1/4	2,648.04	1/4	2,289.00	1/4	1,929.96	1/4	1,570.92	1/4	1,211.88	1/4	852.84	1/4	493.60	1/4	134.76			
1/2	1/2	5,127.18	1/2	4,794.80	1/2	4,435.76	1/2	4,076.72	1/2	3,717.68	1/2	3,358.64	1/2	2,999.60	1/2	2,640.56	1/2	2,281.52	1/2	1,922.48	1/2	1,563.44	1/2	1,204.40	1/2	845.36	1/2	486.32	1/2	127.28			
3/4	3/4	5,124.05	3/4	4,787.32	3/4	4,428.28	3/4	4,069.24	3/4	3,710.20	3/4	3,351.16	3/4	2,992.12	3/4	2,633.08	3/4	2,274.04	3/4	1,915.00	3/4	1,555.96	3/4	1,196.92	3/4	837.88	3/4	478.84	3/4	119.80			
3	3	5,119.68	3	4,779.84	3	4,420.80	3	4,061.76	3	3,702.72	3	3,343.68	3	2,984.64	3	2,625.60	3	2,266.56	3	1,907.52	3	1,548.48	3	1,189.44	3	830.40	3	471.36	3	112.32			
1/4	1/4	5,115.31	1/4	4,772.36	1/4	4,413.32	1/4	4,054.28	1/4	3,695.24	1/4	3,336.20	1/4	2,984.64	1/4	2,625.60	1/4	2,266.56	1/4	1,900.04	1/4	1,541.00	1/4	1,181.96	1/4	822.92	1/4	463.88	1/4	104.84			
1/2	1/2	5,110.94	1/2	4,764.88	1/2	4,405.84	1/2	4,046.80	1/2	3,687.76	1/2	3,328.72	1/2	2,966.68	1/2	2,610.56	1/2	2,251.60	1/2	1,892.56	1/2	1,533.52	1/2	1,174.48	1/2	815.44	1/2	456.40	1/2	97.36			
3/4	3/4	5,106.56	3/4	4,757.40	3/4	4,398.36	3/4	4,039.32	3/4	3,680.28	3/4	3,321.24	3/4	2,962.20	3/4	2,603.16	3/4	2,244.12	3/4	1,885.08	3/4	1,526.04	3/4	1,167.00	3/4	807.96	3/4	446.92	3/4	89.88			
4	4	5,100.94	4	4,749.92	4	4,390.88	4	4,031.84	4	3,672.80	4	3,313.76	4	2,954.72	4	2,595.68	4	2,236.64	4	1,877.60	4	1,518.56	4	1,159.52	4	800.48	4	441.44	4	82.40			
1/4	1/4	5,095.32	1/4	4,742.44	1/4	4,383.40	1/4	4,024.36	1/4	3,665.32	1/4	3,306.28	1/4	2,947.24	1/4	2,588.20	1/4	2,229.16	1/4	1,870.12	1/4	1,511.08	1/4	1,151.04	1/4	793.00	1/4	433.96	1/4	74.92			
1/2	1/2	5,089.70	1/2	4,734.96	1/2	4,375.92	1/2	4,016.88	1/2	3,657.84	1/2	3,298.80	1/2	2,937.76	1/2	2,580.72	1/2	2,221.68	1/2	1,862.64	1/2	1,503.60	1/2	1,144.56	1/2	785.52	1/2	426.48	1/2	67.44			
3/4	3/4	5,084.08	3/4	4,727.48	3/4	4,368.84	3/4	4,009.40	3/4	3,650.36	3/4	3,291.32	3/4	2,932.28	3/4	2,573.24	3/4	2,214.20	3/4	1,855.16	3/4	1,496.12	3/4	1,137.08	3/4	778.04	3/4	411.00	3/4	59.96			
5	5	5,077.21	5	4,720.00	5	4,360.96	5	4,001.92	5	3,642.88	5	3,283.84	5	2,924.80	5	2,565.76	5	2,206.72	5	1,847.68	5	1,488.64	5	1,129.60	5	770.56	5	411.52	5		5	53.40	
1/4	1/4	5,070.34	1/4	4,712.52	1/4	4,353.48	1/4	3,994.44	1/4	3,635.40	1/4	3,276.36	1/4	2,917.32	1/4	2,558.28	1/4	2,199.24	1/4	1,840.20	1/4	1,481.16	1/4	1,122.12	1/4	763.08	1/4	404.04	1/4	46.84			
1/2	1/2	5,063.47	1/2	4,705.04	1/2	4,346.00	1/2	3,986.96	1/2	3,627.92	1/2	3,268.88	1/2	2,909.84	1/2	2,550.80	1/2	2,191.76	1/2	1,832.72	1/2	1,473.68	1/2	1,114.64	1/2	755.60	1/2	396.56	1/2	40.29			
3/4	3/4	5,056.60	3/4	4,697.56	3/4	4,338.52	3/4	3,979.48	3/4	3,620.44	3/4	3,261.40	3/4	2,902.36	3/4	2,543.32	3/4	2,184.28	3/4	1,825.24	3/4	1,466.20	3/4	1,107.16	3/4	748.12	3/4	389.08	3/4	33.73			
6	6	5,049.12	6	4,690.08	6	4,331.04	6	3,972.00	6	3,612.96	6	3,253.92	6	2,894.88	6	2,535.84	6	2,176.80	6	1,817.76	6	1,458.72	6	1,099.68	6	740.64	6	381.60	6		6	29.04	
1/4	1/4	5,041.64	1/4	4,682.60	1/4	4,323.56	1/4	3,964.52	1/4	3,605.48	1/4	3,246.44	1/4	2,887.40	1/4	2,528.36	1/4	2,169.32	1/4	1,810.28	1/4	1,451.24	1/4	1,092.20	1/4	733.16	1/4	374.12	1/4	24.36			
1/2	1/2	5,034.16	1/2	4,675.12	1/2	4,316.08	1/2	3,957.04	1/2	3,598.00	1/2	3,238.96	1/2	2,879.92	1/2	2,520.88	1/2	2,161.84	1/2	1,802.80	1/2	1,443.76	1/2	1,084.72	1/2	725.68	1/2	366.64	1/2	19.68			
3/4	3/4	5,026.68	3/4	4,667.64	3/4	4,308.60	3/4	3,949.56	3/4	3,590.52	3/4	3,231.48	3/4	2,872.44	3/4	2,513.40	3/4	2,154.36	3/4	1,795.32	3/4	1,436.28	3/4	1,077.24	3/4	718.20	3/4	359.16	3/4	14.99			
7	7	5,019.20	7	4,660.16	7	4,301.12	7	3,942.08	7	3,583.04	7	3,224.00	7	2,864.96	7	2,505.92	7	2,146.88	7	1,787.84	7	1,428.80	7	1,069.76	7	710.72	7	351.68	7		7		
1/4	1/4	5,011.72	1/4	4,652.68	1/4	4,293.64	1/4	3,934.60	1/4	3,575.56	1/4	3,216.52	1/4	2,857.48	1/4	2,498.44	1/4	2,139.40	1/4	1,780.36	1/4	1,421.32	1/4	1,062.28	1/4	703.24	1/4	344.20	1/4	336.72	1/4		
1/2	1/2	5,004.24	1/2	4,645.20	1/2	4,286.16	1/2	3,927.12	1/2	3,568.08	1/2	3,209.04	1/2	2,850.00	1/2	2,491.96	1/2	2,131.92	1/2	1,772.88	1/2	1,413.84	1/2	1,054.80	1/2	695.76	1/2	336.72	1/2		1/2		
3/4	3/4	4,996.76	3/4	4,637.72	3/4	4,278.68	3/4	3,919.64	3/4	3,560.60	3/4	3,201.56	3/4	2,842.52	3/4	2,483.48	3/4	2,124.44	3/4	1,765.40	3/4												



INSPECTORATE

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BARGE "MPC-625"
MARATHON PETROLEUM CORP.

OUTAGE TABLE

3 PORT OR STAR

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

HULL NO. 2161-4

		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		
0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		
1/4	4,732.91	1/4	4,732.54	1/4	4,732.17	1/4	4,731.80	1/4	4,731.43	1/4	4,731.06	1/4	4,730.69	1/4	4,730.32	1/4	4,729.95	1/4	4,729.58	1/4	4,729.21	1/4	4,728.84	1/4	4,728.47	1/4	4,728.10	1/4	4,727.73	1/4	4,727.36	1/4	4,726.99	1/4
1/2	4,732.54	1/2	4,732.17	1/2	4,731.80	1/2	4,731.43	1/2	4,731.06	1/2	4,730.69	1/2	4,730.32	1/2	4,729.95	1/2	4,729.58	1/2	4,729.21	1/2	4,728.84	1/2	4,728.47	1/2	4,728.10	1/2	4,727.73	1/2	4,727.36	1/2	4,726.99	1/2	4,726.62	1/2
3/4	4,732.17	3/4	4,731.80	3/4	4,731.43	3/4	4,731.06	3/4	4,730.69	3/4	4,730.32	3/4	4,730.00	3/4	4,729.67	3/4	4,729.34	3/4	4,729.01	3/4	4,728.68	3/4	4,728.35	3/4	4,728.02	3/4	4,727.69	3/4	4,727.36	3/4	4,727.03	3/4	4,726.70	3/4
1	4,729.95	1	4,729.58	1	4,729.21	1	4,728.84	1	4,728.47	1	4,728.10	1	4,727.73	1	4,727.36	1	4,726.99	1	4,726.62	1	4,726.25	1	4,725.88	1	4,725.51	1	4,725.14	1	4,724.77	1	4,724.40	1	4,724.03	1
1/4	4,729.58	1/4	4,729.21	1/4	4,728.84	1/4	4,728.47	1/4	4,728.10	1/4	4,727.73	1/4	4,727.36	1/4	4,726.99	1/4	4,726.62	1/4	4,726.25	1/4	4,725.88	1/4	4,725.51	1/4	4,725.14	1/4	4,724.77	1/4	4,724.40	1/4	4,724.03	1/4	4,723.66	1/4
1/2	4,729.21	1/2	4,728.84	1/2	4,728.47	1/2	4,728.10	1/2	4,727.73	1/2	4,727.36	1/2	4,726.99	1/2	4,726.62	1/2	4,726.25	1/2	4,725.88	1/2	4,725.51	1/2	4,725.14	1/2	4,724.77	1/2	4,724.40	1/2	4,724.03	1/2	4,723.66	1/2	4,723.29	1/2
3/4	4,728.84	3/4	4,728.47	3/4	4,728.10	3/4	4,727.73	3/4	4,727.36	3/4	4,726.99	3/4	4,726.62	3/4	4,726.25	3/4	4,725.88	3/4	4,725.51	3/4	4,725.14	3/4	4,724.77	3/4	4,724.40	3/4	4,724.03	3/4	4,723.66	3/4	4,723.29	3/4	4,722.92	3/4
2	4,725.88	2	4,725.51	2	4,725.14	2	4,724.77	2	4,724.40	2	4,724.03	2	4,723.66	2	4,723.29	2	4,722.92	2	4,722.55	2	4,722.18	2	4,721.81	2	4,721.44	2	4,721.07	2	4,720.70	2	4,720.33	2	4,719.96	2
1/4	4,725.51	1/4	4,725.14	1/4	4,724.77	1/4	4,724.40	1/4	4,724.03	1/4	4,723.66	1/4	4,723.29	1/4	4,722.92	1/4	4,722.55	1/4	4,722.18	1/4	4,721.81	1/4	4,721.44	1/4	4,721.07	1/4	4,720.70	1/4	4,720.33	1/4	4,719.96	1/4	4,719.59	1/4
1/2	4,725.14	1/2	4,724.77	1/2	4,724.40	1/2	4,724.03	1/2	4,723.66	1/2	4,723.29	1/2	4,722.92	1/2	4,722.55	1/2	4,722.18	1/2	4,721.81	1/2	4,721.44	1/2	4,721.07	1/2	4,720.70	1/2	4,720.33	1/2	4,719.96	1/2	4,719.59	1/2	4,719.22	1/2
3/4	4,724.77	3/4	4,724.40	3/4	4,724.03	3/4	4,723.66	3/4	4,723.29	3/4	4,722.92	3/4	4,722.55	3/4	4,722.18	3/4	4,721.81	3/4	4,721.44	3/4	4,721.07	3/4	4,720.70	3/4	4,720.33	3/4	4,719.96	3/4	4,719.59	3/4	4,719.22	3/4	4,718.85	3/4
3	4,721.81	3	4,721.44	3	4,721.07	3	4,720.70	3	4,720.33	3	4,720.00	3	4,719.67	3	4,719.34	3	4,719.01	3	4,718.68	3	4,718.35	3	4,718.02	3	4,717.69	3	4,717.36	3	4,717.03	3	4,716.70	3	4,716.37	3
1/4	4,721.44	1/4	4,721.07	1/4	4,720.70	1/4	4,720.33	1/4	4,720.00	1/4	4,719.67	1/4	4,719.34	1/4	4,719.01	1/4	4,718.68	1/4	4,718.35	1/4	4,718.02	1/4	4,717.69	1/4	4,717.36	1/4	4,717.03	1/4	4,716.70	1/4	4,716.37	1/4	4,716.04	1/4
1/2	4,721.07	1/2	4,720.70	1/2	4,720.33	1/2	4,720.00	1/2	4,719.67	1/2	4,719.34	1/2	4,719.01	1/2	4,718.68	1/2	4,718.35	1/2	4,718.02	1/2	4,717.69	1/2	4,717.36	1/2	4,717.03	1/2	4,716.70	1/2	4,716.37	1/2	4,716.04	1/2	4,715.71	1/2
3/4	4,720.70	3/4	4,720.33	3/4	4,720.00	3/4	4,719.67	3/4	4,719.34	3/4	4,719.01	3/4	4,718.68	3/4	4,718.35	3/4	4,718.02	3/4	4,717.69	3/4	4,717.36	3/4	4,717.03	3/4	4,716.70	3/4	4,716.37	3/4	4,716.04	3/4	4,715.71	3/4	4,715.38	3/4
4	4,718.48	4	4,718.11	4	4,717.74	4	4,717.37	4	4,717.00	4	4,716.63	4	4,716.26	4	4,715.89	4	4,715.52	4	4,715.15	4	4,714.78	4	4,714.41	4	4,714.04	4	4,713.67	4	4,713.30	4	4,712.93	4	4,712.56	4
1/4	4,718.11	1/4	4,717.74	1/4	4,717.37	1/4	4,717.00	1/4	4,716.63	1/4	4,716.26	1/4	4,715.89	1/4	4,715.52	1/4	4,715.15	1/4	4,714.78	1/4	4,714.41	1/4	4,714.04	1/4	4,713.67	1/4	4,713.30	1/4	4,712.93	1/4	4,712.56	1/4	4,712.19	1/4
1/2	4,717.74	1/2	4,717.37	1/2	4,717.00	1/2	4,716.63	1/2	4,716.26	1/2	4,715.89	1/2	4,715.52	1/2	4,715.15	1/2	4,714.78	1/2	4,714.41	1/2	4,714.04	1/2	4,713.67	1/2	4,713.30	1/2	4,712.93	1/2	4,712.56	1/2	4,712.19	1/2	4,711.82	1/2
3/4	4,717.37	3/4	4,717.00	3/4	4,716.63	3/4	4,716.26	3/4	4,715.89	3/4	4,715.52	3/4	4,715.15	3/4	4,714.78	3/4	4,714.41	3/4	4,714.04	3/4	4,713.67	3/4	4,713.30	3/4	4,712.93	3/4	4,712.56	3/4	4,712.19	3/4	4,711.82	3/4	4,711.45	3/4
5	4,715.52	5	4,715.15	5	4,714.78	5	4,714.41	5	4,714.04	5	4,713.67	5	4,713.30	5	4,712.93	5	4,712.56	5	4,712.19	5	4,711.82	5	4,711.45	5	4,711.08	5	4,710.71	5	4,710.34	5	4,709.97	5	4,709.60	5
1/4	4,715.15	1/4	4,714.78	1/4	4,714.41	1/4	4,714.04	1/4	4,713.67	1/4	4,713.30	1/4	4,712.93	1/4	4,712.56	1/4	4,712.19	1/4	4,711.82	1/4	4,711.45	1/4	4,711.08	1/4	4,710.71	1/4	4,710.34	1/4	4,710.00	1/4	4,709.63	1/4	4,709.26	1/4
1/2	4,714.78	1/2	4,714.41	1/2	4,714.04	1/2	4,713.67	1/2	4,713.30	1/2	4,712.93	1/2	4,712.56	1/2	4,712.19	1/2	4,711.82	1/2	4,711.45	1/2	4,711.08	1/2	4,710.71	1/2	4,710.34	1/2	4,710.00	1/2	4,709.63	1/2	4,709.26	1/2	4,708.89	1/2
3/4	4,714.41	3/4	4,714.04	3/4	4,713.67	3/4	4,713.30	3/4	4,712.93	3/4	4,712.56	3/4	4,712.19	3/4	4,711.82	3/4	4,711.45	3/4	4,711.08	3/4	4,710.71	3/4	4,710.34	3/4	4,710.00	3/4	4,709.63	3/4	4,709.26	3/4	4,708.89	3/4	4,708.52	3/4
6	4,712.93	6	4,712.56	6	4,712.19	6	4,711.82	6	4,711.45	6	4,711.08	6	4,710.71	6	4,710.34	6	4,710.00	6	4,709.63	6	4,709.26	6	4,708.89	6	4,708.52	6	4,708.15	6	4,707.78	6	4,707.41	6	4,707.04	6
1/4	4,712.56	1/4	4,712.19	1/4	4,711.82	1/4	4,711.45	1/4	4,711.08	1/4	4,710.71	1/4	4,710.34	1/4	4,710.00	1/4	4,709.63	1/4	4,709.26	1/4	4,708.89	1/4	4,708.52	1/4	4,708.15	1/4	4,707.78	1/4	4,707.41	1/4	4,707.04	1/4	4,706.67	1/4
1/2	4,712.19	1/2	4,711.82	1/2	4,711.45	1/2	4,711.08	1/2	4,710.71	1/2	4,710.34	1/2	4,710.00	1/2	4,709.63	1/2	4,709.26	1/2	4,708.89	1/2	4,708.52	1/2	4,708.15	1/2	4,707.78	1/2	4,707.41	1/2	4,707.04	1/2	4,706.67	1/2	4,706.30	1/2
3/4	4,711.82	3/4	4,711.45	3/4	4,711.08	3/4	4,710.71	3/4	4,710.34	3/4	4,710.00	3/4	4,709.63	3/4	4,709.26	3/4	4,708.89	3/4	4,708.52	3/4	4,708.15	3/4	4,707.78	3/4	4,707.41	3/4	4,707.04	3/4	4,706.67	3/4	4,706.30	3/4	4,705.93	3/4
7	4,710.71	7	4,710.34	7	4,710.00	7	4,709.63	7	4,709.26	7	4,708.89	7	4,708.52	7	4,708.15	7	4,707.78	7	4,707.41	7	4,707.04	7	4,706.67	7	4,706.30	7	4,705.93	7	4,					