



BARGE "MPC-641"
MARATHON PETROLEUM CORP.
INNAGE TABLE

1 PORT OR STAR

HULL NO. 2169-14

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	15.36	19.57	23.78	27.99	32.20	36.41	40.62	44.83	49.04	53.25	57.46	61.67	65.88	70.09	74.30	78.51	82.72	86.93	91.14	95.35	99.56	103.77	107.98	112.19	116.40	120.61	124.82	129.03	133.24	
0	*	15.36	19.57	23.78	27.99	32.20	36.41	40.62	44.83	49.04	53.25	57.46	61.67	65.88	70.09	74.30	78.51	82.72	86.93	91.14	95.35	99.56	103.77	107.98	112.19	116.40	120.61	124.82	129.03	133.24	
1/4		19.57	33.35	37.56	41.77	45.98	50.19	54.40	58.61	62.82	67.03	71.24	75.45	79.66	83.87	88.08	92.29	96.50	100.71	104.92	109.13	113.34	117.55	121.76	125.97	130.18	134.39	138.60	142.81	147.02	
1/2		23.78	37.56	41.77	45.98	50.19	54.40	58.61	62.82	67.03	71.24	75.45	79.66	83.87	88.08	92.29	96.50	100.71	104.92	109.13	113.34	117.55	121.76	125.97	130.18	134.39	138.60	142.81	147.02	151.23	
3/4		27.99	41.77	45.98	50.19	54.40	58.61	62.82	67.03	71.24	75.45	79.66	83.87	88.08	92.29	96.50	100.71	104.92	109.13	113.34	117.55	121.76	125.97	130.18	134.39	138.60	142.81	147.02	151.23	155.44	
1		32.20	45.98	50.19	54.40	58.61	62.82	67.03	71.24	75.45	79.66	83.87	88.08	92.29	96.50	100.71	104.92	109.13	113.34	117.55	121.76	125.97	130.18	134.39	138.60	142.81	147.02	151.23	155.44	159.65	
1/4		36.41	50.19	54.40	58.61	62.82	67.03	71.24	75.45	79.66	83.87	88.08	92.29	96.50	100.71	104.92	109.13	113.34	117.55	121.76	125.97	130.18	134.39	138.60	142.81	147.02	151.23	155.44	159.65	163.86	
1/2		40.62	54.40	58.61	62.82	67.03	71.24	75.45	79.66	83.87	88.08	92.29	96.50	100.71	104.92	109.13	113.34	117.55	121.76	125.97	130.18	134.39	138.60	142.81	147.02	151.23	155.44	159.65	163.86	168.07	
3/4		44.83	58.61	62.82	67.03	71.24	75.45	79.66	83.87	88.08	92.29	96.50	100.71	104.92	109.13	113.34	117.55	121.76	125.97	130.18	134.39	138.60	142.81	147.02	151.23	155.44	159.65	163.86	168.07	172.28	
1		49.04	62.82	67.03	71.24	75.45	79.66	83.87	88.08	92.29	96.50	100.71	104.92	109.13	113.34	117.55	121.76	125.97	130.18	134.39	138.60	142.81	147.02	151.23	155.44	159.65	163.86	168.07	172.28	176.49	
1/4		53.25	67.03	71.24	75.45	79.66	83.87	88.08	92.29	96.50	100.71	104.92	109.13	113.34	117.55	121.76	125.97	130.18	134.39	138.60	142.81	147.02	151.23	155.44	159.65	163.86	168.07	172.28	176.49	180.70	
1/2		57.46	71.24	75.45	79.66	83.87	88.08	92.29	96.50	100.71	104.92	109.13	113.34	117.55	121.76	125.97	130.18	134.39	138.60	142.81	147.02	151.23	155.44	159.65	163.86	168.07	172.28	176.49	180.70	184.91	
3/4		61.67	75.45	79.66	83.87	88.08	92.29	96.50	100.71	104.92	109.13	113.34	117.55	121.76	125.97	130.18	134.39	138.60	142.81	147.02	151.23	155.44	159.65	163.86	168.07	172.28	176.49	180.70	184.91	189.12	
1		65.88	79.66	83.87	88.08	92.29	96.50	100.71	104.92	109.13	113.34	117.55	121.76	125.97	130.18	134.39	138.60	142.81	147.02	151.23	155.44	159.65	163.86	168.07	172.28	176.49	180.70	184.91	189.12	193.33	
1/4		70.09	83.87	88.08	92.29	96.50	100.71	104.92	109.13	113.34	117.55	121.76	125.97	130.18	134.39	138.60	142.81	147.02	151.23	155.44	159.65	163.86	168.07	172.28	176.49	180.70	184.91	189.12	193.33	197.54	
1/2		74.30	88.08	92.29	96.50	100.71	104.92	109.13	113.34	117.55	121.76	125.97	130.18	134.39	138.60	142.81	147.02	151.23	155.44	159.65	163.86	168.07	172.28	176.49	180.70	184.91	189.12	193.33	197.54	201.75	
3/4		78.51	92.29	96.50	100.71	104.92	109.13	113.34	117.55	121.76	125.97	130.18	134.39	138.60	142.81	147.02	151.23	155.44	159.65	163.86	168.07	172.28	176.49	180.70	184.91	189.12	193.33	197.54	201.75	205.96	
1		82.72	96.50	100.71	104.92	109.13	113.34	117.55	121.76	125.97	130.18	134.39	138.60	142.81	147.02	151.23	155.44	159.65	163.86	168.07	172.28	176.49	180.70	184.91	189.12	193.33	197.54	201.75	205.96	210.17	
1/4		86.93	100.71	104.92	109.13	113.34	117.55	121.76	125.97	130.18	134.39	138.60	142.81	147.02	151.23	155.44	159.65	163.86	168.07	172.28	176.49	180.70	184.91	189.12	193.33	197.54	201.75	205.96	210.17	214.38	
1/2		91.14	104.92	109.13	113.34	117.55	121.76	125.97	130.18	134.39	138.60	142.81	147.02	151.23	155.44	159.65	163.86	168.07	172.28	176.49	180.70	184.91	189.12	193.33	197.54	201.75	205.96	210.17	214.38	218.59	
3/4		95.35	109.13	113.34	117.55	121.76	125.97	130.18	134.39	138.60	142.81	147.02	151.23	155.44	159.65	163.86	168.07	172.28	176.49	180.70	184.91	189.12	193.33	197.54	201.75	205.96	210.17	214.38	218.59	222.80	
1		99.56	113.34	117.55	121.76	125.97	130.18	134.39	138.60	142.81	147.02	151.23	155.44	159.65	163.86	168.07	172.28	176.49	180.70	184.91	189.12	193.33	197.54	201.75	205.96	210.17	214.38	218.59	222.80	227.01	
1/4		103.77	117.55	121.76	125.97	130.18	134.39	138.60	142.81	147.02	151.23	155.44	159.65	163.86	168.07	172.28	176.49	180.70	184.91	189.12	193.33	197.54	201.75	205.96	210.17	214.38	218.59	222.80	227.01	231.22	
1/2		107.98	121.76	125.97	130.18	134.39	138.60	142.81	147.02	151.23	155.44	159.65	163.86	168.07	172.28	176.49	180.70	184.91	189.12	193.33	197.54	201.75	205.96	210.17	214.38	218.59	222.80	227.01	231.22	235.43	
3/4		112.19	125.97	130.18	134.39	138.60	142.81	147.02	151.23	155.44	159.65	163.86	168.07	172.28	176.49	180.70	184.91	189.12	193.33	197.54	201.75	205.96	210.17	214.38	218.59	222.80	227.01	231.22	235.43	239.64	
1		116.40	129.03	133.24	137.45	141.66	145.87	150.08	154.29	158.50	162.71	166.92	171.13	175.34	179.55	183.76	187.97	192.18	196.39	200.60	204.81	209.02	213.23	217.44	221.65	225.86	230.07	234.28	238.49	242.70	
1/4		120.61	133.24	137.45	141.66	145.87	150.08	154.29	158.50	162.71	166.92	171.13	175.34	179.55	183.76	187.97	192.18	196.39	200.60	204.81	209.02	213.23	217.44	221.65	225.86	230.07	234.28	238.49	242.70	246.91	
1/2		124.82	137.45	141.66	145.87	150.08	154.29	158.50	162.71	166.92	171.13	175.34	179.55	183.76	187.97	192.18	196.39	200.60	204.81	209.02	213.23	217.44	221.65	225.86	230.07	234.28	238.49	242.70	246.91	251.12	
3/4		129.03	141.66	145.87	150.08	154.29	158.50	162.71	166.92	171.13	175.34	179.55	183.76	187.97	192.18	196.39	200.60	204.81	209.02	213.23	217.44	221.65	225.86	230.07	234.28	238.49	242.70	246.91	251.12	255.33	
1		133.24	145.87	150.08	154.29	158.50	162.71	166.92	171.13	175.34	179.55	183.76	187.97	192.18	196.39	200.60	204.81	209.02	213.23	217.44	221.65	225.86	230.07	234.28	238.49	242.70	246.91	251.12	255.33	259.54	
1/4		137.45	150.08	154.29	158.50	162.71	166.92	171.13	175.34	179.55	183.76	187.97	192.18	196.39	200.60	204.81	209.02	213.23	217.44	221.65	225.86	230.07	234.28	238.49	242.70	246.91	251.12	255.33	259.54	263.75	
1/2		141.66	154.29	158.50	162.71	166.92	171.13	175.34	179.55	183.76	187.97	192.18	196.39	200.60	204.81	209.02	213.23	217.44	221.65	225.86	230.07	234.28	238.49	242.70	246.91	251.12	255.33	259.54	263		



BARGE "MPC-641"
MARATHON PETROLEUM CORP.
INNAGE TABLE

2 PORT OR STAR

ISO 9001: 2000

HULL NO. 2169-14

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.		
O	*	IN	O	IN	O	IN	O	IN	O	IN	O	IN	O	IN	O	IN	O	IN	O	IN	O	IN	O	IN	O	IN	O	IN	O	IN		
1/4	15.27	0	360.08	0	1,079.70	0	1,799.31	0	2,518.93	0	2,878.74	0	3,238.54	0	3,598.35	0	3,958.16	0	4,317.97	0	4,677.78	0	5,037.58	0	5,397.39	0	5,757.20	0	6,117.01	0	6,476.82	0
1/4	19.96	1/4	387.58	1/4	1,087.19	1/4	1,806.81	1/4	2,526.42	1/4	2,886.23	1/4	3,246.04	1/4	3,605.85	1/4	3,965.66	1/4	4,325.46	1/4	4,685.27	1/4	5,045.08	1/4	5,404.89	1/4	5,764.70	1/4	6,124.51	1/4	6,484.32	1/4
1/2	24.64	1/2	375.07	1/2	1,094.68	1/2	1,814.30	1/2	2,533.92	1/2	2,893.73	1/2	3,253.54	1/2	3,613.34	1/2	3,973.15	1/2	4,332.96	1/2	4,692.77	1/2	5,052.58	1/2	5,412.39	1/2	5,772.20	1/2	6,132.01	1/2	6,491.82	1/2
3/4	29.32	3/4	382.57	3/4	1,102.18	3/4	1,821.80	3/4	2,541.41	3/4	2,901.22	3/4	3,261.03	3/4	3,620.84	3/4	3,980.65	3/4	4,340.46	3/4	4,700.26	3/4	5,060.07	3/4	5,419.88	3/4	5,779.69	3/4	6,139.50	3/4	6,499.31	3/4
1	34.01	1	390.06	1	1,109.68	1	1,829.30	1	2,548.91	1	2,908.72	1	3,268.53	1	3,628.34	1	3,988.14	1	4,347.95	1	4,707.76	1	5,067.57	1	5,427.38	1	5,787.19	1	6,147.00	1	6,506.81	1
1/4	40.57	1/4	397.56	1/4	1,117.18	1/4	1,836.79	1/4	2,556.41	1/4	2,916.22	1/4	3,276.02	1/4	3,635.83	1/4	3,995.64	1/4	4,355.45	1/4	4,715.26	1/4	5,075.07	1/4	5,434.88	1/4	5,794.69	1/4	6,154.50	1/4	6,514.31	1/4
1/2	47.12	1/2	405.06	1/2	1,124.67	1/2	1,844.29	1/2	2,564.90	1/2	2,924.71	1/2	3,284.52	1/2	3,644.33	1/2	4,004.14	1/2	4,363.95	1/2	4,723.76	1/2	5,083.57	1/2	5,443.38	1/2	5,803.19	1/2	6,163.00	1/2	6,522.81	1/2
3/4	53.68	3/4	412.55	3/4	1,132.17	3/4	1,851.78	3/4	2,571.40	3/4	2,931.21	3/4	3,291.02	3/4	3,650.82	3/4	4,010.63	3/4	4,370.44	3/4	4,730.25	3/4	5,090.06	3/4	5,449.87	3/4	5,809.68	3/4	6,169.49	3/4	6,529.30	3/4
2	60.24	2	420.05	2	1,139.66	2	1,859.28	2	2,578.90	2	2,938.70	2	3,298.51	2	3,658.32	2	4,018.13	2	4,377.94	2	4,737.74	2	5,097.55	2	5,457.36	2	5,817.17	2	6,176.98	2	6,536.79	2
1/4	67.74	1/4	427.54	1/4	1,147.16	1/4	1,866.78	1/4	2,586.39	1/4	2,946.20	1/4	3,306.01	1/4	3,665.82	1/4	4,025.62	1/4	4,385.43	1/4	4,745.24	1/4	5,105.05	1/4	5,464.86	1/4	5,824.67	1/4	6,184.48	1/4	6,544.29	1/4
1/2	75.23	1/2	435.04	1/2	1,154.66	1/2	1,874.27	1/2	2,593.89	1/2	2,953.70	1/2	3,313.50	1/2	3,673.31	1/2	4,033.12	1/2	4,392.93	1/2	4,752.74	1/2	5,112.55	1/2	5,472.36	1/2	5,832.17	1/2	6,191.98	1/2	6,551.79	1/2
3/4	82.73	3/4	442.54	3/4	1,162.15	3/4	1,881.77	3/4	2,601.38	3/4	2,961.19	3/4	3,321.00	3/4	3,680.81	3/4	4,040.62	3/4	4,400.42	3/4	4,760.23	3/4	5,120.04	3/4	5,479.85	3/4	5,839.66	3/4	6,199.47	3/4	6,559.28	3/4
3	90.22	3	450.03	3	1,169.65	3	1,889.26	3	2,608.88	3	2,968.69	3	3,328.50	3	3,688.30	3	4,048.11	3	4,407.92	3	4,767.73	3	5,127.54	3	5,487.35	3	5,847.16	3	6,206.97	3	6,566.78	3
1/4	97.72	1/4	457.53	1/4	1,177.14	1/4	1,896.76	1/4	2,616.38	1/4	2,976.18	1/4	3,335.99	1/4	3,695.80	1/4	4,055.61	1/4	4,415.42	1/4	4,775.22	1/4	5,135.03	1/4	5,494.84	1/4	5,854.65	1/4	6,214.46	1/4	6,574.27	1/4
1/2	105.22	1/2	465.02	1/2	1,184.64	1/2	1,904.26	1/2	2,623.87	1/2	2,983.68	1/2	3,343.49	1/2	3,703.30	1/2	4,063.11	1/2	4,422.91	1/2	4,782.72	1/2	5,142.53	1/2	5,502.34	1/2	5,862.15	1/2	6,221.96	1/2	6,581.77	1/2
3/4	112.71	3/4	472.52	3/4	1,192.14	3/4	1,911.75	3/4	2,631.37	3/4	2,991.18	3/4	3,350.98	3/4	3,710.79	3/4	4,070.60	3/4	4,430.41	3/4	4,790.22	3/4	5,150.03	3/4	5,509.84	3/4	5,869.65	3/4	6,229.46	3/4	6,589.27	3/4
4	120.21	4	480.02	4	1,199.63	4	1,919.25	4	2,638.86	4	2,998.67	4	3,358.48	4	3,718.29	4	4,078.10	4	4,437.90	4	4,797.71	4	5,157.52	4	5,517.33	4	5,877.14	4	6,236.95	4	6,596.76	4
1/4	127.70	1/4	487.51	1/4	1,207.13	1/4	1,926.76	1/4	2,646.36	1/4	3,006.17	1/4	3,365.98	1/4	3,725.77	1/4	4,085.58	1/4	4,445.39	1/4	4,805.20	1/4	5,165.01	1/4	5,524.82	1/4	5,884.63	1/4	6,244.44	1/4	6,604.25	1/4
1/2	135.20	1/2	495.01	1/2	1,214.62	1/2	1,934.24	1/2	2,654.05	1/2	3,013.66	1/2	3,373.47	1/2	3,733.28	1/2	4,093.09	1/2	4,452.90	1/2	4,812.70	1/2	5,172.51	1/2	5,532.32	1/2	5,892.13	1/2	6,251.94	1/2	6,611.75	1/2
3/4	142.70	3/4	502.50	3/4	1,222.12	3/4	1,941.74	3/4	2,661.35	3/4	3,021.16	3/4	3,380.97	3/4	3,740.78	3/4	4,100.58	3/4	4,460.39	3/4	4,820.20	3/4	5,180.01	3/4	5,539.82	3/4	5,899.63	3/4	6,259.44	3/4	6,619.25	3/4
5	150.19	5	510.00	5	1,229.62	5	1,949.23	5	2,668.85	5	3,028.66	5	3,388.46	5	3,748.27	5	4,108.08	5	4,467.89	5	4,827.70	5	5,187.51	5	5,547.32	5	5,907.13	5	6,266.94	5	6,626.75	5
1/4	157.69	1/4	517.50	1/4	1,237.11	1/4	1,956.73	1/4	2,676.34	1/4	3,036.15	1/4	3,395.96	1/4	3,755.77	1/4	4,115.58	1/4	4,475.38	1/4	4,835.19	1/4	5,195.00	1/4	5,554.81	1/4	5,914.62	1/4	6,274.43	1/4	6,634.24	1/4
1/2	165.18	1/2	524.99	1/2	1,244.61	1/2	1,964.22	1/2	2,684.05	1/2	3,063.46	1/2	3,423.27	1/2	3,783.08	1/2	4,142.89	1/2	4,502.70	1/2	4,862.51	1/2	5,222.32	1/2	5,582.13	1/2	5,941.94	1/2	6,301.75	1/2	6,661.56	1/2
3/4	172.68	3/4	532.49	3/4	1,252.10	3/4	1,971.72	3/4	2,691.34	3/4	3,051.14	3/4	3,410.95	3/4	3,770.76	3/4	4,130.57	3/4	4,490.38	3/4	4,850.18	3/4	5,210.00	3/4	5,569.81	3/4	5,929.62	3/4	6,289.43	3/4	6,649.24	3/4
6	180.18	6	539.98	6	1,259.60	6	1,979.22	6	2,698.83	6	3,058.64	6	3,418.45	6	3,778.26	6	4,138.06	6	4,497.87	6	4,857.68	6	5,217.49	6	5,577.30	6	5,937.11	6	6,296.92	6	6,656.73	6
1/4	187.67	1/4	547.48	1/4	1,267.10	1/4	1,986.71	1/4	2,706.33	1/4	3,066.14	1/4	3,425.94	1/4	3,785.75	1/4	4,145.56	1/4	4,505.37	1/4	4,865.18	1/4	5,224.99	1/4	5,584.80	1/4	5,944.61	1/4	6,304.42	1/4	6,664.23	1/4
1/2	195.17	1/2	554.98	1/2	1,274.59	1/2	1,994.21	1/2	2,713.82	1/2	3,073.63	1/2	3,433.44	1/2	3,793.25	1/2	4,153.06	1/2	4,512.86	1/2	4,872.67	1/2	5,232.48	1/2	5,592.29	1/2	5,952.10	1/2	6,311.91	1/2	6,671.72	1/2
3/4	202.66	3/4	562.47	3/4	1,282.09	3/4	2,001.70	3/4	2,721.32	3/4	3,081.13	3/4	3,440.94	3/4	3,800.74	3/4	4,160.55	3/4	4,520.36	3/4	4,880.17	3/4	5,239.98	3/4	5,599.79	3/4	5,959.60	3/4	6,319.41	3/4	6,679.22	3/4
7	210.16	7	569.97	7	1,289.58	7	2,009.20	7	2,728.82	7	3,088.62	7	3,448.43	7	3,808.24	7	4,168.05	7	4,527.86	7	4,887.66	7	5,247.47	7	5,607.28	7	5,967.09	7	6,326.90	7	6,686.71	7
1/4	217.66	1/4	577.46	1/4	1,297.08	1/4	2,016.70	1/4	2,736.31	1/4	3,096.12	1/4	3,455.93	1/4	3,815.74	1/4	4,175.54	1/4	4,535.35	1/4	4,895.16	1/4	5,254.97	1/4	5,614.78	1/4	5,974.59	1/4	6,334.40	1/4	6,694.21	1/4
1/2	225.15	1/2	584.96	1/2	1,304.58	1/2	2,024.19	1/2	2,743.81	1/2	3,103.62	1/2	3,463.42	1/2	3,823.23	1/2	4,183.04	1/2	4,542.85	1/2	4,902.66	1/2	5,262.47	1/2	5,622.28	1/2	5,982.09	1/2	6,341.90	1/2	6,701.71	1/2
3/4	232.65	3/4	592.46	3/4	1,312.07	3/4	2,031.69	3/4	2,751.30	3/4	3,111.11	3/4	3,470.92	3/4	3,830.73	3/4	4,190.54	3/4	4,550.34	3/4	4,910.15	3/4	5,270.00	3/4	5,629.81	3/4	5,989.62	3/4	6,349.43	3/4	6,709.24	3/4
8	240.14	8	599.95	8	1,319.57	8	2,039.18	8	2,758.80	8	3,118.61	8	3,478.4																			

3 PORT OR STAR

ISO 9001: 2000

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

[illegible]

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

PORT REFERENCE GAUGE HEIGHT: 15'-7" (TO RIM OF 2" DIAMETER BALL VALVE
LOCATED NEAR CENTER OF TANK)

STAR REFERENCE GAUGE HEIGHT: 15'-6 3/4" (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.

S. Charnaud
INSPECTOR AMERICA CORPORATION