



# BARGE "MPX 204"

## INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8	01-1/4	- 01-1/4
2 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4
3 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-7/8	- 00-7/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
 AFT DRAFT = 4'-00"  
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS - 00-3/8"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 5/8"

LENGTH BETWEEN DRAFT MARKS: 163'-06"

July 9, 2020

PRECISION MEASUREMENT  
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 P.O. Box 2092  
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# BARGE "MPX 204"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	4.29	0	224.89	0	477.29	0	725.70	0	975.09	0	1,226.76	0	1,478.43	0	1,729.77	0	1,981.08	0	2,232.82
1/4	5.16	1/4	230.14	1/4	482.55	1/4	730.78	1/4	980.33	1/4	1,232.00	1/4	1,483.67	1/4	1,734.99	1/4	1,986.32	1/4	2,238.06
1/2	6.04	1/2	235.40	1/2	487.81	1/2	735.87	1/2	985.57	1/2	1,237.24	1/2	1,488.91	1/2	1,740.22	1/2	1,991.57	1/2	2,243.30
3/4	6.91	3/4	240.66	3/4	493.07	3/4	740.96	3/4	990.82	3/4	1,242.49	3/4	1,494.15	3/4	1,745.45	3/4	1,996.81	3/4	2,248.55
1	7.79	1	245.92	1	498.33	1	746.05	1	996.06	1	1,247.73	1	1,499.40	1	1,750.68	1	2,002.06	1	2,253.79
1/4	10.42	1/4	251.18	1/4	503.59	1/4	751.14	1/4	1,001.30	1/4	1,252.97	1/4	1,504.64	1/4	1,755.90	1/4	2,007.30	1/4	2,259.04
1/2	13.04	1/2	256.44	1/2	508.84	1/2	756.22	1/2	1,006.55	1/2	1,258.22	1/2	1,509.88	1/2	1,761.13	1/2	2,012.55	1/2	2,264.28
3/4	15.67	3/4	261.69	3/4	514.10	3/4	761.31	3/4	1,011.79	3/4	1,263.46	3/4	1,515.12	3/4	1,766.36	3/4	2,017.79	3/4	2,269.53
2	18.30	2	266.95	2	519.36	2	766.40	2	1,017.03	2	1,268.70	2	1,520.37	2	1,771.58	2	2,023.04	2	2,274.77
1/4	22.68	1/4	272.21	1/4	524.62	1/4	771.51	1/4	1,022.28	1/4	1,273.94	1/4	1,525.61	1/4	1,776.81	1/4	2,028.28	1/4	2,280.02
1/2	27.06	1/2	277.47	1/2	529.88	1/2	776.63	1/2	1,027.52	1/2	1,279.19	1/2	1,530.85	1/2	1,782.04	1/2	2,033.52	1/2	2,285.26
3/4	31.44	3/4	282.73	3/4	535.14	3/4	781.74	3/4	1,032.76	3/4	1,284.43	3/4	1,536.09	3/4	1,787.26	3/4	2,038.77	3/4	2,290.50
3	35.82	3	287.99	3	540.40	3	786.85	3	1,038.01	3	1,289.67	3	1,541.33	3	1,792.49	3	2,044.01	3	2,295.75
1/4	41.03	1/4	293.25	1/4	545.65	1/4	791.97	1/4	1,043.25	1/4	1,294.92	1/4	1,546.57	1/4	1,797.72	1/4	2,049.26	1/4	2,300.99
1/2	46.25	1/2	298.50	1/2	550.91	1/2	797.08	1/2	1,048.49	1/2	1,300.16	1/2	1,551.81	1/2	1,802.94	1/2	2,054.50	1/2	2,306.24
3/4	51.46	3/4	303.76	3/4	556.17	3/4	802.19	3/4	1,053.73	3/4	1,305.40	3/4	1,557.05	3/4	1,808.17	3/4	2,059.75	3/4	2,311.48
4	56.67	4	309.02	4	561.43	4	807.31	4	1,058.98	4	1,310.65	4	1,562.29	4	1,813.40	4	2,064.99	4	2,316.73
1/4	61.92	1/4	314.28	1/4	566.69	1/4	812.55	1/4	1,064.22	1/4	1,315.89	1/4	1,567.53	1/4	1,818.62	1/4	2,070.24	1/4	2,321.97
1/2	67.16	1/2	319.54	1/2	571.95	1/2	817.79	1/2	1,069.46	1/2	1,321.13	1/2	1,572.77	1/2	1,823.85	1/2	2,075.48	1/2	2,327.21
3/4	72.41	3/4	324.80	3/4	577.20	3/4	823.04	3/4	1,074.71	3/4	1,326.38	3/4	1,578.01	3/4	1,829.08	3/4	2,080.72	3/4	2,332.44
5	77.65	5	330.06	5	582.46	5	828.28	5	1,079.95	5	1,331.62	5	1,583.25	5	1,834.30	5	2,085.97	5	2,337.68
1/4	82.91	1/4	335.31	1/4	587.72	1/4	833.52	1/4	1,085.19	1/4	1,336.86	1/4	1,588.49	1/4	1,839.53	1/4	2,091.21	1/4	2,342.92
1/2	88.17	1/2	340.57	1/2	592.98	1/2	838.77	1/2	1,090.44	1/2	1,342.10	1/2	1,593.73	1/2	1,844.76	1/2	2,096.46	1/2	2,348.16
3/4	93.42	3/4	345.83	3/4	598.24	3/4	844.01	3/4	1,095.68	3/4	1,347.35	3/4	1,598.97	3/4	1,849.98	3/4	2,101.70	3/4	2,353.40
6	98.68	6	351.09	6	603.50	6	849.25	6	1,100.92	6	1,352.59	6	1,604.21	6	1,855.21	6	2,106.95	6	2,358.64
1/4	103.94	1/4	356.35	1/4	608.59	1/4	854.50	1/4	1,106.17	1/4	1,357.83	1/4	1,609.45	1/4	1,860.46	1/4	2,112.19	1/4	2,363.88
1/2	109.20	1/2	361.61	1/2	613.69	1/2	859.74	1/2	1,111.41	1/2	1,363.08	1/2	1,614.69	1/2	1,865.70	1/2	2,117.44	1/2	2,369.12
3/4	114.46	3/4	366.86	3/4	618.78	3/4	864.98	3/4	1,116.65	3/4	1,368.32	3/4	1,619.93	3/4	1,870.94	3/4	2,122.68	3/4	2,374.36
7	119.72	7	372.12	7	623.88	7	870.23	7	1,121.89	7	1,373.56	7	1,625.17	7	1,876.19	7	2,127.93	7	2,379.60
1/4	124.97	1/4	377.38	1/4	628.97	1/4	875.47	1/4	1,127.14	1/4	1,378.81	1/4	1,630.42	1/4	1,881.43	1/4	2,133.17	1/4	2,384.84
1/2	130.23	1/2	382.64	1/2	634.06	1/2	880.71	1/2	1,132.38	1/2	1,384.05	1/2	1,635.66	1/2	1,886.68	1/2	2,138.41	1/2	2,390.07
3/4	135.49	3/4	387.90	3/4	639.15	3/4	885.96	3/4	1,137.62	3/4	1,389.29	3/4	1,640.90	3/4	1,891.92	3/4	2,143.66	3/4	2,395.31
8	140.75	8	393.16	8	644.24	8	891.20	8	1,142.87	8	1,394.54	8	1,646.14	8	1,897.17	8	2,148.90	8	2,400.55
1/4	146.01	1/4	398.42	1/4	649.34	1/4	896.44	1/4	1,148.11	1/4	1,399.78	1/4	1,651.37	1/4	1,902.41	1/4	2,154.15	1/4	2,405.79
1/2	151.27	1/2	403.67	1/2	654.43	1/2	901.68	1/2	1,153.35	1/2	1,405.02	1/2	1,656.59	1/2	1,907.66	1/2	2,159.39	1/2	2,411.03
3/4	156.52	3/4	408.93	3/4	659.53	3/4	906.93	3/4	1,158.60	3/4	1,410.27	3/4	1,661.82	3/4	1,912.90	3/4	2,164.64	3/4	2,416.27
9	161.78	9	414.19	9	664.62	9	912.17	9	1,163.84	9	1,415.51	9	1,667.05	9	1,918.15	9	2,169.88	9	2,421.51
1/4	167.04	1/4	419.45	1/4	669.71	1/4	917.41	1/4	1,169.08	1/4	1,420.75	1/4	1,672.27	1/4	1,923.39	1/4	2,175.13	1/4	2,426.75
1/2	172.30	1/2	424.71	1/2	674.81	1/2	922.66	1/2	1,174.33	1/2	1,425.99	1/2	1,677.50	1/2	1,928.63	1/2	2,180.37	1/2	2,431.99
3/4	177.56	3/4	429.97	3/4	679.90	3/4	927.90	3/4	1,179.57	3/4	1,431.24	3/4	1,682.73	3/4	1,933.88	3/4	2,185.61	3/4	2,437.23
10	182.82	10	435.23	10	685.00	10	933.14	10	1,184.81	10	1,436.48	10	1,687.95	10	1,939.12	10	2,190.86	10	2,442.47
1/4	188.08	1/4	440.48	1/4	690.08	1/4	938.39	1/4	1,190.05	1/4	1,441.72	1/4	1,693.18	1/4	1,944.37	1/4	2,196.10	1/4	2,447.69
1/2	193.33	1/2	445.74	1/2	695.17	1/2	943.63	1/2	1,195.30	1/2	1,446.97	1/2	1,698.41	1/2	1,949.61	1/2	2,201.35	1/2	2,452.91
3/4	198.59	3/4	451.00	3/4	700.26	3/4	948.87	3/4	1,200.54	3/4	1,452.21	3/4	1,703.63	3/4	1,954.86	3/4	2,206.59	3/4	2,458.13
11	203.85	11	456.26	11	705.35	11	954.12	11	1,205.78	11	1,457.45	11	1,708.86	11	1,960.10	11	2,211.84	11	2,463.35
1/4	209.11	1/4	461.52	1/4	710.43	1/4	959.36	1/4	1,211.03	1/4	1,462.70	1/4	1,714.09	1/4	1,965.35	1/4	2,217.08	1/4	2,468.58
1/2	214.37	1/2	466.78	1/2	715.52	1/2	964.60	1/2	1,216.27	1/2	1,467.94	1/2	1,719.31	1/2	1,970.59	1/2	2,222.33	1/2	2,473.80
3/4	219.63	3/4	472.03	3/4	720.61	3/4	969.84	3/4	1,221.51	3/4	1,473.18	3/4	1,724.54	3/4	1,975.83	3/4	2,227.57	3/4	2,479.02

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE  
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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# BARGE "MPX 204"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-08 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	2,484.24	0	2,723.43	0	2,938.93	0	3,154.43	0	3,369.93	0		0		0		0		0	
1/4	2,489.46	1/4	2,727.92	1/4	2,943.42	1/4	3,158.92	1/4	3,374.42	1/4		1/4		1/4		1/4		1/4	
1/2	2,494.69	1/2	2,732.41	1/2	2,947.91	1/2	3,163.41	1/2	3,378.91	1/2		1/2		1/2		1/2		1/2	
3/4	2,499.91	3/4	2,736.90	3/4	2,952.40	3/4	3,167.90	3/4	3,383.40	3/4		3/4		3/4		3/4		3/4	
1	2,505.13	1	2,741.39	1	2,956.89	1	3,172.39	1	3,387.89	1		1		1		1		1	
1/4	2,510.35	1/4	2,745.88	1/4	2,961.38	1/4	3,176.88	1/4	3,392.38	1/4		1/4		1/4		1/4		1/4	
1/2	2,515.58	1/2	2,750.37	1/2	2,965.87	1/2	3,181.37	1/2	3,396.87	1/2		1/2		1/2		1/2		1/2	
3/4	2,520.80	3/4	2,754.86	3/4	2,970.36	3/4	3,185.86	3/4	3,401.36	3/4		3/4		3/4		3/4		3/4	
2	2,526.02	2	2,759.35	2	2,974.85	2	3,190.35	2	3,405.85	2		2		2		2		2	
1/4	2,531.24	1/4	2,763.84	1/4	2,979.34	1/4	3,194.84	1/4	3,410.34	1/4		1/4		1/4		1/4		1/4	
1/2	2,536.46	1/2	2,768.33	1/2	2,983.83	1/2	3,199.33	1/2	3,414.83	1/2		1/2		1/2		1/2		1/2	
3/4	2,541.69	3/4	2,772.81	3/4	2,988.32	3/4	3,203.82	3/4	3,419.32	3/4		3/4		3/4		3/4		3/4	
3	2,546.91	3	2,777.30	3	2,992.81	3	3,208.31	3	3,423.82	3		3		3		3		3	
1/4	2,552.13	1/4	2,781.79	1/4	2,997.29	1/4	3,212.80	1/4	3,428.30	1/4		1/4		1/4		1/4		1/4	
1/2	2,557.35	1/2	2,786.28	1/2	3,001.78	1/2	3,217.29	1/2	3,432.78	1/2		1/2		1/2		1/2		1/2	
3/4	2,562.57	3/4	2,790.77	3/4	3,006.27	3/4	3,221.77	3/4	3,437.26	3/4		3/4		3/4		3/4		3/4	
4	2,567.80	4	2,795.26	4	3,010.76	4	3,226.26	4	3,441.74	4		4		4		4		4	
1/4	2,573.02	1/4	2,799.75	1/4	3,015.25	1/4	3,230.75	1/4	3,446.19	1/4		1/4		1/4		1/4		1/4	
1/2	2,578.24	1/2	2,804.24	1/2	3,019.74	1/2	3,235.24	1/2	3,450.65	1/2		1/2		1/2		1/2		1/2	
3/4	2,583.46	3/4	2,808.73	3/4	3,024.23	3/4	3,239.73	3/4	3,455.11	3/4		3/4		3/4		3/4		3/4	
5	2,588.68	5	2,813.22	5	3,028.72	5	3,244.22	5	3,459.56	5		5		5		5		5	
1/4	2,593.92	1/4	2,817.71	1/4	3,033.21	1/4	3,248.71	1/4	3,464.31	1/4		1/4		1/4		1/4		1/4	
1/2	2,599.16	1/2	2,822.20	1/2	3,037.70	1/2	3,253.20	1/2	3,469.06	1/2		1/2		1/2		1/2		1/2	
3/4	2,604.40	3/4	2,826.69	3/4	3,042.19	3/4	3,257.69	3/4	3,473.80	3/4		3/4		3/4		3/4		3/4	
6	2,609.64	6	2,831.18	6	3,046.68	6	3,262.18	6	3,478.55	6		6		6		6		6	
1/4	2,614.88	1/4	2,835.67	1/4	3,051.17	1/4	3,266.67	1/4	3,481.62	1/4		1/4		1/4		1/4		1/4	
1/2	2,620.13	1/2	2,840.16	1/2	3,055.66	1/2	3,271.16	1/2	3,484.68	1/2		1/2		1/2		1/2		1/2	
3/4	2,625.37	3/4	2,844.65	3/4	3,060.15	3/4	3,275.65	3/4	3,487.75	3/4		3/4		3/4		3/4		3/4	
7	2,630.62	7	2,849.14	7	3,064.64	7	3,280.14	7	3,490.82	7		7		7		7		7	
1/4	2,635.86	1/4	2,853.63	1/4	3,069.13	1/4	3,284.63	1/4	3,492.13	1/4		1/4		1/4		1/4		1/4	
1/2	2,641.11	1/2	2,858.12	1/2	3,073.62	1/2	3,289.12	1/2	3,493.44	1/2		1/2		1/2		1/2		1/2	
3/4	2,646.35	3/4	2,862.61	3/4	3,078.11	3/4	3,293.61	3/4	3,494.76	3/4		3/4		3/4		3/4		3/4	
8	2,651.60	8	2,867.10	8	3,082.60	8	3,298.10	8	3,496.07	8		8		8		8		8	
1/4	2,656.09	1/4	2,871.59	1/4	3,087.09	1/4	3,302.59	1/4	3,496.29	1/4		1/4		1/4		1/4		1/4	
1/2	2,660.57	1/2	2,876.08	1/2	3,091.58	1/2	3,307.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,665.06	3/4	2,880.57	3/4	3,096.07	3/4	3,311.57	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,669.55	9	2,885.05	9	3,100.56	9	3,316.06	9		9		9		9		9		9	
1/4	2,674.04	1/4	2,889.54	1/4	3,105.05	1/4	3,320.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,678.53	1/2	2,894.03	1/2	3,109.53	1/2	3,325.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,683.02	3/4	2,898.52	3/4	3,114.02	3/4	3,329.53	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,687.51	10	2,903.01	10	3,118.51	10	3,334.01	10		10		10		10		10		10	
1/4	2,692.00	1/4	2,907.50	1/4	3,123.00	1/4	3,338.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,696.49	1/2	2,911.99	1/2	3,127.49	1/2	3,342.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,700.98	3/4	2,916.48	3/4	3,131.98	3/4	3,347.48	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,705.47	11	2,920.97	11	3,136.47	11	3,351.97	11		11		11		11		11		11	
1/4	2,709.96	1/4	2,925.46	1/4	3,140.96	1/4	3,356.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,714.45	1/2	2,929.95	1/2	3,145.45	1/2	3,360.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,718.94	3/4	2,934.44	3/4	3,149.94	3/4	3,365.44	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/08/2020 JS  
CALCULATED: 07/09/2020 CL  
PRINTED: 07/09/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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<http://www.pmacorp.net>



# BARGE "MPX 204"

# 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-08 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0.73	0	240.89	0	515.69	0	786.36	0	1,058.45	0	1,333.25	0	1,608.06	0	1,882.86	0	2,157.67	0	2,432.47
1/4	1.69	1/4	246.62	1/4	521.41	1/4	791.91	1/4	1,064.17	1/4	1,338.98	1/4	1,613.78	1/4	1,888.59	1/4	2,163.39	1/4	2,438.20
1/2	2.64	1/2	252.34	1/2	527.14	1/2	797.46	1/2	1,069.90	1/2	1,344.70	1/2	1,619.51	1/2	1,894.31	1/2	2,169.12	1/2	2,443.92
3/4	3.59	3/4	258.07	3/4	532.86	3/4	803.01	3/4	1,075.62	3/4	1,350.43	3/4	1,625.23	3/4	1,900.04	3/4	2,174.84	3/4	2,449.65
1	4.54	1	263.79	1	538.59	1	808.57	1	1,081.35	1	1,356.15	1	1,630.96	1	1,905.76	1	2,180.57	1	2,455.37
1/4	7.41	1/4	269.52	1/4	544.31	1/4	814.12	1/4	1,087.07	1/4	1,361.88	1/4	1,636.68	1/4	1,911.49	1/4	2,186.29	1/4	2,461.10
1/2	10.27	1/2	275.24	1/2	550.04	1/2	819.67	1/2	1,092.80	1/2	1,367.60	1/2	1,642.41	1/2	1,917.21	1/2	2,192.02	1/2	2,466.82
3/4	13.13	3/4	280.97	3/4	555.76	3/4	825.23	3/4	1,098.52	3/4	1,373.33	3/4	1,648.13	3/4	1,922.94	3/4	2,197.74	3/4	2,472.55
2	15.99	2	286.69	2	561.49	2	830.78	2	1,104.25	2	1,379.05	2	1,653.86	2	1,928.66	2	2,203.47	2	2,478.27
1/4	20.76	1/4	292.42	1/4	567.21	1/4	836.34	1/4	1,109.97	1/4	1,384.78	1/4	1,659.58	1/4	1,934.39	1/4	2,209.19	1/4	2,484.00
1/2	25.53	1/2	298.14	1/2	572.94	1/2	841.90	1/2	1,115.70	1/2	1,390.50	1/2	1,665.31	1/2	1,940.11	1/2	2,214.92	1/2	2,489.72
3/4	30.30	3/4	303.87	3/4	578.66	3/4	847.45	3/4	1,121.42	3/4	1,396.23	3/4	1,671.03	3/4	1,945.84	3/4	2,220.64	3/4	2,495.45
3	35.06	3	309.59	3	584.39	3	853.01	3	1,127.15	3	1,401.95	3	1,676.76	3	1,951.56	3	2,226.37	3	2,501.17
1/4	40.74	1/4	315.32	1/4	590.11	1/4	858.57	1/4	1,132.87	1/4	1,407.68	1/4	1,682.48	1/4	1,957.29	1/4	2,232.09	1/4	2,506.90
1/2	46.42	1/2	321.04	1/2	595.84	1/2	864.13	1/2	1,138.60	1/2	1,413.40	1/2	1,688.21	1/2	1,963.01	1/2	2,237.82	1/2	2,512.62
3/4	52.09	3/4	326.77	3/4	601.56	3/4	869.69	3/4	1,144.32	3/4	1,419.13	3/4	1,693.93	3/4	1,968.74	3/4	2,243.54	3/4	2,518.35
4	57.77	4	332.49	4	607.29	4	875.24	4	1,150.05	4	1,424.85	4	1,699.66	4	1,974.46	4	2,249.27	4	2,524.07
1/4	63.48	1/4	338.22	1/4	613.01	1/4	880.97	1/4	1,155.77	1/4	1,430.58	1/4	1,705.38	1/4	1,980.19	1/4	2,254.99	1/4	2,529.80
1/2	69.19	1/2	343.94	1/2	618.74	1/2	886.70	1/2	1,161.50	1/2	1,436.30	1/2	1,711.11	1/2	1,985.91	1/2	2,260.72	1/2	2,535.52
3/4	74.90	3/4	349.67	3/4	624.46	3/4	892.42	3/4	1,167.22	3/4	1,442.03	3/4	1,716.83	3/4	1,991.64	3/4	2,266.44	3/4	2,541.25
5	80.61	5	355.39	5	630.19	5	898.15	5	1,172.95	5	1,447.75	5	1,722.56	5	1,997.36	5	2,272.17	5	2,546.97
1/4	86.33	1/4	361.12	1/4	635.91	1/4	903.87	1/4	1,178.68	1/4	1,453.48	1/4	1,728.28	1/4	2,003.09	1/4	2,277.89	1/4	2,552.70
1/2	92.05	1/2	366.84	1/2	641.64	1/2	909.60	1/2	1,184.40	1/2	1,459.21	1/2	1,734.01	1/2	2,008.81	1/2	2,283.62	1/2	2,558.42
3/4	97.78	3/4	372.57	3/4	647.36	3/4	915.32	3/4	1,190.13	3/4	1,464.93	3/4	1,739.73	3/4	2,014.54	3/4	2,289.34	3/4	2,564.15
6	103.50	6	378.29	6	653.09	6	921.05	6	1,195.85	6	1,470.66	6	1,745.46	6	2,020.26	6	2,295.07	6	2,569.87
1/4	109.23	1/4	384.02	1/4	658.64	1/4	926.77	1/4	1,201.58	1/4	1,476.38	1/4	1,751.19	1/4	2,025.99	1/4	2,300.79	1/4	2,575.60
1/2	114.95	1/2	389.74	1/2	664.19	1/2	932.50	1/2	1,207.30	1/2	1,482.11	1/2	1,756.91	1/2	2,031.72	1/2	2,306.52	1/2	2,581.32
3/4	120.67	3/4	395.47	3/4	669.75	3/4	938.22	3/4	1,213.03	3/4	1,487.83	3/4	1,762.64	3/4	2,037.44	3/4	2,312.24	3/4	2,587.05
7	126.40	7	401.19	7	675.30	7	943.95	7	1,218.75	7	1,493.56	7	1,768.36	7	2,043.17	7	2,317.97	7	2,592.77
1/4	132.12	1/4	406.92	1/4	680.85	1/4	949.67	1/4	1,224.48	1/4	1,499.28	1/4	1,774.09	1/4	2,048.89	1/4	2,323.70	1/4	2,598.50
1/2	137.85	1/2	412.64	1/2	686.40	1/2	955.40	1/2	1,230.20	1/2	1,505.01	1/2	1,779.81	1/2	2,054.62	1/2	2,329.42	1/2	2,604.23
3/4	143.57	3/4	418.37	3/4	691.96	3/4	961.12	3/4	1,235.93	3/4	1,510.73	3/4	1,785.54	3/4	2,060.34	3/4	2,335.15	3/4	2,609.95
8	149.30	8	424.09	8	697.51	8	966.85	8	1,241.65	8	1,516.46	8	1,791.26	8	2,066.07	8	2,340.87	8	2,615.68
1/4	155.02	1/4	429.82	1/4	703.06	1/4	972.57	1/4	1,247.38	1/4	1,522.18	1/4	1,796.99	1/4	2,071.79	1/4	2,346.60	1/4	2,621.40
1/2	160.75	1/2	435.54	1/2	708.62	1/2	978.30	1/2	1,253.10	1/2	1,527.91	1/2	1,802.71	1/2	2,077.52	1/2	2,352.32	1/2	2,627.13
3/4	166.47	3/4	441.27	3/4	714.17	3/4	984.02	3/4	1,258.83	3/4	1,533.63	3/4	1,808.44	3/4	2,083.24	3/4	2,358.05	3/4	2,632.85
9	172.19	9	446.99	9	719.72	9	989.75	9	1,264.55	9	1,539.36	9	1,814.16	9	2,088.97	9	2,363.77	9	2,638.58
1/4	177.92	1/4	452.71	1/4	725.27	1/4	995.47	1/4	1,270.28	1/4	1,545.08	1/4	1,819.89	1/4	2,094.69	1/4	2,369.50	1/4	2,644.30
1/2	183.64	1/2	458.44	1/2	730.83	1/2	1,001.20	1/2	1,276.00	1/2	1,550.81	1/2	1,825.61	1/2	2,100.42	1/2	2,375.22	1/2	2,650.03
3/4	189.37	3/4	464.16	3/4	736.38	3/4	1,006.92	3/4	1,281.73	3/4	1,556.53	3/4	1,831.34	3/4	2,106.14	3/4	2,380.95	3/4	2,655.75
10	195.09	10	469.89	10	741.93	10	1,012.65	10	1,287.45	10	1,562.26	10	1,837.06	10	2,111.87	10	2,386.67	10	2,661.48
1/4	200.82	1/4	475.61	1/4	747.49	1/4	1,018.37	1/4	1,293.18	1/4	1,567.98	1/4	1,842.79	1/4	2,117.59	1/4	2,392.40	1/4	2,667.20
1/2	206.54	1/2	481.34	1/2	753.04	1/2	1,024.10	1/2	1,298.90	1/2	1,573.71	1/2	1,848.51	1/2	2,123.32	1/2	2,398.12	1/2	2,672.93
3/4	212.27	3/4	487.06	3/4	758.59	3/4	1,029.82	3/4	1,304.63	3/4	1,579.43	3/4	1,854.24	3/4	2,129.04	3/4	2,403.85	3/4	2,678.65
11	217.99	11	492.79	11	764.14	11	1,035.55	11	1,310.35	11	1,585.16	11	1,859.96	11	2,134.77	11	2,409.57	11	2,684.38
1/4	223.72	1/4	498.51	1/4	769.70	1/4	1,041.27	1/4	1,316.08	1/4	1,590.88	1/4	1,865.69	1/4	2,140.49	1/4	2,415.30	1/4	2,690.10
1/2	229.44	1/2	504.24	1/2	775.25	1/2	1,047.00	1/2	1,321.80	1/2	1,596.61	1/2	1,871.41	1/2	2,146.22	1/2	2,421.02	1/2	2,695.83
3/4	235.17	3/4	509.96	3/4	780.80	3/4	1,052.72	3/4	1,327.53	3/4	1,602.33	3/4	1,877.14	3/4	2,151.94	3/4	2,426.75	3/4	2,701.55

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE  
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
 Pearland, Texas 77588  
<http://www.pmacorp.net>





# BARGE "MPX 204"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-08 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,707.28	0	2,982.08	0	3,256.89	0	3,531.69	0	3,806.50	0		0		0		0		0	
1/4	2,713.00	1/4	2,987.81	1/4	3,262.61	1/4	3,537.42	1/4	3,812.22	1/4		1/4		1/4		1/4		1/4	
1/2	2,718.73	1/2	2,993.53	1/2	3,268.34	1/2	3,543.14	1/2	3,817.95	1/2		1/2		1/2		1/2		1/2	
3/4	2,724.45	3/4	2,999.26	3/4	3,274.06	3/4	3,548.87	3/4	3,823.67	3/4		3/4		3/4		3/4		3/4	
1	2,730.18	1	3,004.98	1	3,279.79	1	3,554.59	1	3,829.40	1		1		1		1		1	
1/4	2,735.90	1/4	3,010.71	1/4	3,285.51	1/4	3,560.32	1/4	3,835.12	1/4		1/4		1/4		1/4		1/4	
1/2	2,741.63	1/2	3,016.43	1/2	3,291.24	1/2	3,566.04	1/2	3,840.85	1/2		1/2		1/2		1/2		1/2	
3/4	2,747.35	3/4	3,022.16	3/4	3,296.96	3/4	3,571.77	3/4	3,846.57	3/4		3/4		3/4		3/4		3/4	
2	2,753.08	2	3,027.88	2	3,302.69	2	3,577.49	2	3,852.30	2		2		2		2		2	
1/4	2,758.80	1/4	3,033.61	1/4	3,308.41	1/4	3,583.22	1/4	3,858.02	1/4		1/4		1/4		1/4		1/4	
1/2	2,764.53	1/2	3,039.33	1/2	3,314.14	1/2	3,588.94	1/2	3,863.75	1/2		1/2		1/2		1/2		1/2	
3/4	2,770.25	3/4	3,045.06	3/4	3,319.86	3/4	3,594.67	3/4	3,869.48	3/4		3/4		3/4		3/4		3/4	
3	2,775.98	3	3,050.78	3	3,325.59	3	3,600.39	3	3,875.20	3		3		3		3		3	
1/4	2,781.70	1/4	3,056.51	1/4	3,331.31	1/4	3,606.12	1/4	3,880.92	1/4		1/4		1/4		1/4		1/4	
1/2	2,787.43	1/2	3,062.23	1/2	3,337.04	1/2	3,611.84	1/2	3,886.63	1/2		1/2		1/2		1/2		1/2	
3/4	2,793.15	3/4	3,067.96	3/4	3,342.76	3/4	3,617.57	3/4	3,892.35	3/4		3/4		3/4		3/4		3/4	
4	2,798.88	4	3,073.68	4	3,348.49	4	3,623.29	4	3,898.06	4		4		4		4		4	
1/4	2,804.60	1/4	3,079.41	1/4	3,354.21	1/4	3,629.02	1/4	3,903.75	1/4		1/4		1/4		1/4		1/4	
1/2	2,810.33	1/2	3,085.13	1/2	3,359.94	1/2	3,634.74	1/2	3,909.44	1/2		1/2		1/2		1/2		1/2	
3/4	2,816.05	3/4	3,090.86	3/4	3,365.66	3/4	3,640.47	3/4	3,915.13	3/4		3/4		3/4		3/4		3/4	
5	2,821.78	5	3,096.58	5	3,371.39	5	3,646.19	5	3,920.82	5		5		5		5		5	
1/4	2,827.50	1/4	3,102.31	1/4	3,377.11	1/4	3,651.92	1/4	3,925.98	1/4		1/4		1/4		1/4		1/4	
1/2	2,833.23	1/2	3,108.03	1/2	3,382.84	1/2	3,657.64	1/2	3,931.15	1/2		1/2		1/2		1/2		1/2	
3/4	2,838.95	3/4	3,113.76	3/4	3,388.56	3/4	3,663.37	3/4	3,936.32	3/4		3/4		3/4		3/4		3/4	
6	2,844.68	6	3,119.48	6	3,394.29	6	3,669.09	6	3,941.49	6		6		6		6		6	
1/4	2,850.40	1/4	3,125.21	1/4	3,400.01	1/4	3,674.82	1/4	3,944.83	1/4		1/4		1/4		1/4		1/4	
1/2	2,856.13	1/2	3,130.93	1/2	3,405.74	1/2	3,680.54	1/2	3,948.16	1/2		1/2		1/2		1/2		1/2	
3/4	2,861.85	3/4	3,136.66	3/4	3,411.46	3/4	3,686.27	3/4	3,951.50	3/4		3/4		3/4		3/4		3/4	
7	2,867.58	7	3,142.38	7	3,417.19	7	3,691.99	7	3,954.84	7		7		7		7		7	
1/4	2,873.30	1/4	3,148.11	1/4	3,422.91	1/4	3,697.72	1/4	3,956.27	1/4		1/4		1/4		1/4		1/4	
1/2	2,879.03	1/2	3,153.83	1/2	3,428.64	1/2	3,703.44	1/2	3,957.70	1/2		1/2		1/2		1/2		1/2	
3/4	2,884.75	3/4	3,159.56	3/4	3,434.36	3/4	3,709.17	3/4	3,959.13	3/4		3/4		3/4		3/4		3/4	
8	2,890.48	8	3,165.28	8	3,440.09	8	3,714.89	8	3,960.56	8		8		8		8		8	
1/4	2,896.21	1/4	3,171.01	1/4	3,445.81	1/4	3,720.62	1/4	3,960.80	1/4		1/4		1/4		1/4		1/4	
1/2	2,901.93	1/2	3,176.74	1/2	3,451.54	1/2	3,726.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,907.66	3/4	3,182.46	3/4	3,457.26	3/4	3,732.07	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,913.38	9	3,188.19	9	3,462.99	9	3,737.79	9		9		9		9		9		9	
1/4	2,919.11	1/4	3,193.91	1/4	3,468.72	1/4	3,743.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,924.83	1/2	3,199.64	1/2	3,474.44	1/2	3,749.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,930.56	3/4	3,205.36	3/4	3,480.17	3/4	3,754.97	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,936.28	10	3,211.09	10	3,485.89	10	3,760.70	10		10		10		10		10		10	
1/4	2,942.01	1/4	3,216.81	1/4	3,491.62	1/4	3,766.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,947.73	1/2	3,222.54	1/2	3,497.34	1/2	3,772.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,953.46	3/4	3,228.26	3/4	3,503.07	3/4	3,777.87	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,959.18	11	3,233.99	11	3,508.79	11	3,783.60	11		11		11		11		11		11	
1/4	2,964.91	1/4	3,239.71	1/4	3,514.52	1/4	3,789.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,970.63	1/2	3,245.44	1/2	3,520.24	1/2	3,795.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,976.36	3/4	3,251.16	3/4	3,525.97	3/4	3,800.77	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/08/2020 JS  
CALCULATED: 07/09/2020 CL  
PRINTED: 07/09/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "MPX 204"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0.73	0	212.64	0	455.12	0	697.24	0	939.55	0	1,182.06	0	1,424.57	0	1,667.08	0	1,909.59	0	2,152.10
1/4	1.57	1/4	217.70	1/4	460.17	1/4	702.28	1/4	944.60	1/4	1,187.11	1/4	1,429.62	1/4	1,672.13	1/4	1,914.64	1/4	2,157.15
1/2	2.41	1/2	222.75	1/2	465.22	1/2	707.31	1/2	949.65	1/2	1,192.16	1/2	1,434.67	1/2	1,677.18	1/2	1,919.69	1/2	2,162.20
3/4	3.25	3/4	227.80	3/4	470.27	3/4	712.35	3/4	954.70	3/4	1,197.21	3/4	1,439.72	3/4	1,682.23	3/4	1,924.74	3/4	2,167.26
1	4.09	1	232.85	1	475.32	1	717.39	1	959.76	1	1,202.27	1	1,444.78	1	1,687.29	1	1,929.80	1	2,172.31
1/4	6.62	1/4	237.90	1/4	480.37	1/4	722.42	1/4	964.81	1/4	1,207.32	1/4	1,449.83	1/4	1,692.34	1/4	1,934.85	1/4	2,177.36
1/2	9.14	1/2	242.95	1/2	485.42	1/2	727.46	1/2	969.86	1/2	1,212.37	1/2	1,454.88	1/2	1,697.39	1/2	1,939.90	1/2	2,182.41
3/4	11.67	3/4	248.00	3/4	490.48	3/4	732.50	3/4	974.91	3/4	1,217.42	3/4	1,459.93	3/4	1,702.44	3/4	1,944.95	3/4	2,187.46
2	14.20	2	253.06	2	495.53	2	737.54	2	979.96	2	1,222.48	2	1,464.99	2	1,707.50	2	1,950.01	2	2,192.52
1/4	18.40	1/4	258.11	1/4	500.58	1/4	742.58	1/4	985.02	1/4	1,227.53	1/4	1,470.04	1/4	1,712.55	1/4	1,955.06	1/4	2,197.57
1/2	22.61	1/2	263.16	1/2	505.63	1/2	747.62	1/2	990.07	1/2	1,232.58	1/2	1,475.09	1/2	1,717.60	1/2	1,960.11	1/2	2,202.62
3/4	26.82	3/4	268.21	3/4	510.68	3/4	752.66	3/4	995.12	3/4	1,237.63	3/4	1,480.14	3/4	1,722.65	3/4	1,965.16	3/4	2,207.67
3	31.03	3	273.26	3	515.73	3	757.70	3	1,000.17	3	1,242.68	3	1,485.19	3	1,727.71	3	1,970.22	3	2,212.73
1/4	36.03	1/4	278.31	1/4	520.79	1/4	762.75	1/4	1,005.23	1/4	1,247.74	1/4	1,490.25	1/4	1,732.76	1/4	1,975.27	1/4	2,217.78
1/2	41.04	1/2	283.36	1/2	525.84	1/2	767.79	1/2	1,010.28	1/2	1,252.79	1/2	1,495.30	1/2	1,737.81	1/2	1,980.32	1/2	2,222.83
3/4	46.05	3/4	288.42	3/4	530.89	3/4	772.83	3/4	1,015.33	3/4	1,257.84	3/4	1,500.35	3/4	1,742.86	3/4	1,985.37	3/4	2,227.88
4	51.06	4	293.47	4	535.94	4	777.87	4	1,020.38	4	1,262.89	4	1,505.40	4	1,747.91	4	1,990.42	4	2,232.94
1/4	56.10	1/4	298.52	1/4	540.99	1/4	782.92	1/4	1,025.44	1/4	1,267.95	1/4	1,510.46	1/4	1,752.97	1/4	1,995.48	1/4	2,237.99
1/2	61.14	1/2	303.57	1/2	546.04	1/2	787.98	1/2	1,030.49	1/2	1,273.00	1/2	1,515.51	1/2	1,758.02	1/2	2,000.53	1/2	2,243.04
3/4	66.17	3/4	308.62	3/4	551.09	3/4	793.03	3/4	1,035.54	3/4	1,278.05	3/4	1,520.56	3/4	1,763.07	3/4	2,005.58	3/4	2,248.09
5	71.21	5	313.67	5	556.15	5	798.08	5	1,040.59	5	1,283.10	5	1,525.61	5	1,768.12	5	2,010.63	5	2,253.14
1/4	76.26	1/4	318.73	1/4	561.20	1/4	803.13	1/4	1,045.64	1/4	1,288.15	1/4	1,530.67	1/4	1,773.18	1/4	2,015.69	1/4	2,258.20
1/2	81.31	1/2	323.78	1/2	566.25	1/2	808.19	1/2	1,050.70	1/2	1,293.21	1/2	1,535.72	1/2	1,778.23	1/2	2,020.74	1/2	2,263.25
3/4	86.36	3/4	328.83	3/4	571.30	3/4	813.24	3/4	1,055.75	3/4	1,298.26	3/4	1,540.77	3/4	1,783.28	3/4	2,025.79	3/4	2,268.30
6	91.41	6	333.88	6	576.35	6	818.29	6	1,060.80	6	1,303.31	6	1,545.82	6	1,788.33	6	2,030.84	6	2,273.35
1/4	96.46	1/4	338.93	1/4	581.39	1/4	823.34	1/4	1,065.85	1/4	1,308.36	1/4	1,550.87	1/4	1,793.38	1/4	2,035.90	1/4	2,278.41
1/2	101.51	1/2	343.98	1/2	586.43	1/2	828.40	1/2	1,070.91	1/2	1,313.42	1/2	1,555.93	1/2	1,798.44	1/2	2,040.95	1/2	2,283.46
3/4	106.57	3/4	349.03	3/4	591.46	3/4	833.45	3/4	1,075.96	3/4	1,318.47	3/4	1,560.98	3/4	1,803.49	3/4	2,046.00	3/4	2,288.51
7	111.62	7	354.09	7	596.50	7	838.50	7	1,081.01	7	1,323.52	7	1,566.03	7	1,808.54	7	2,051.05	7	2,293.56
1/4	116.67	1/4	359.14	1/4	601.54	1/4	843.55	1/4	1,086.06	1/4	1,328.57	1/4	1,571.08	1/4	1,813.59	1/4	2,056.10	1/4	2,298.61
1/2	121.72	1/2	364.19	1/2	606.57	1/2	848.60	1/2	1,091.12	1/2	1,333.63	1/2	1,576.14	1/2	1,818.65	1/2	2,061.16	1/2	2,303.67
3/4	126.77	3/4	369.24	3/4	611.61	3/4	853.66	3/4	1,096.17	3/4	1,338.68	3/4	1,581.19	3/4	1,823.70	3/4	2,066.21	3/4	2,308.72
8	131.82	8	374.29	8	616.65	8	858.71	8	1,101.22	8	1,343.73	8	1,586.24	8	1,828.75	8	2,071.26	8	2,313.77
1/4	136.87	1/4	379.34	1/4	621.68	1/4	863.76	1/4	1,106.27	1/4	1,348.78	1/4	1,591.29	1/4	1,833.80	1/4	2,076.31	1/4	2,318.82
1/2	141.92	1/2	384.39	1/2	626.72	1/2	868.81	1/2	1,111.32	1/2	1,353.83	1/2	1,596.35	1/2	1,838.86	1/2	2,081.37	1/2	2,323.88
3/4	146.97	3/4	389.45	3/4	631.76	3/4	873.87	3/4	1,116.38	3/4	1,358.89	3/4	1,601.40	3/4	1,843.91	3/4	2,086.42	3/4	2,328.93
9	152.03	9	394.50	9	636.80	9	878.92	9	1,121.43	9	1,363.94	9	1,606.45	9	1,848.96	9	2,091.47	9	2,333.98
1/4	157.08	1/4	399.55	1/4	641.83	1/4	883.97	1/4	1,126.48	1/4	1,368.99	1/4	1,611.50	1/4	1,854.01	1/4	2,096.52	1/4	2,339.03
1/2	162.13	1/2	404.60	1/2	646.87	1/2	889.02	1/2	1,131.53	1/2	1,374.04	1/2	1,616.55	1/2	1,859.06	1/2	2,101.58	1/2	2,344.09
3/4	167.18	3/4	409.65	3/4	651.91	3/4	894.08	3/4	1,136.59	3/4	1,379.10	3/4	1,621.61	3/4	1,864.12	3/4	2,106.63	3/4	2,349.14
10	172.23	10	414.70	10	656.94	10	899.13	10	1,141.64	10	1,384.15	10	1,626.66	10	1,869.17	10	2,111.68	10	2,354.19
1/4	177.28	1/4	419.76	1/4	661.98	1/4	904.18	1/4	1,146.69	1/4	1,389.20	1/4	1,631.71	1/4	1,874.22	1/4	2,116.73	1/4	2,359.24
1/2	182.33	1/2	424.81	1/2	667.02	1/2	909.23	1/2	1,151.74	1/2	1,394.25	1/2	1,636.76	1/2	1,879.27	1/2	2,121.78	1/2	2,364.29
3/4	187.39	3/4	429.86	3/4	672.05	3/4	914.28	3/4	1,156.80	3/4	1,399.31	3/4	1,641.82	3/4	1,884.33	3/4	2,126.84	3/4	2,369.35
11	192.44	11	434.91	11	677.09	11	919.34	11	1,161.85	11	1,404.36	11	1,646.87	11	1,889.38	11	2,131.89	11	2,374.40
1/4	197.49	1/4	439.96	1/4	682.13	1/4	924.39	1/4	1,166.90	1/4	1,409.41	1/4	1,651.92	1/4	1,894.43	1/4	2,136.94	1/4	2,379.45
1/2	202.54	1/2	445.01	1/2	687.17	1/2	929.44	1/2	1,171.95	1/2	1,414.46	1/2	1,656.97	1/2	1,899.48	1/2	2,141.99	1/2	2,384.50
3/4	207.59	3/4	450.06	3/4	692.20	3/4	934.49	3/4	1,177.00	3/4	1,419.51	3/4	1,662.03	3/4	1,904.54	3/4	2,147.05	3/4	2,389.56

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "MPX 204"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,394.61	0	2,637.12	0	2,879.63	0	3,122.14	0	3,364.65	0		0		0		0		0	
1/4	2,399.66	1/4	2,642.17	1/4	2,884.68	1/4	3,127.19	1/4	3,369.70	1/4		1/4		1/4		1/4		1/4	
1/2	2,404.71	1/2	2,647.22	1/2	2,889.73	1/2	3,132.24	1/2	3,374.75	1/2		1/2		1/2		1/2		1/2	
3/4	2,409.77	3/4	2,652.28	3/4	2,894.79	3/4	3,137.30	3/4	3,379.81	3/4		3/4		3/4		3/4		3/4	
1	2,414.82	1	2,657.33	1	2,899.84	1	3,142.35	1	3,384.86	1		1		1		1		1	
1/4	2,419.87	1/4	2,662.38	1/4	2,904.89	1/4	3,147.40	1/4	3,389.91	1/4		1/4		1/4		1/4		1/4	
1/2	2,424.92	1/2	2,667.43	1/2	2,909.94	1/2	3,152.45	1/2	3,394.96	1/2		1/2		1/2		1/2		1/2	
3/4	2,429.97	3/4	2,672.49	3/4	2,915.00	3/4	3,157.51	3/4	3,400.02	3/4		3/4		3/4		3/4		3/4	
2	2,435.03	2	2,677.54	2	2,920.05	2	3,162.56	2	3,405.07	2		2		2		2		2	
1/4	2,440.08	1/4	2,682.59	1/4	2,925.10	1/4	3,167.61	1/4	3,410.13	1/4		1/4		1/4		1/4		1/4	
1/2	2,445.13	1/2	2,687.64	1/2	2,930.15	1/2	3,172.66	1/2	3,415.19	1/2		1/2		1/2		1/2		1/2	
3/4	2,450.18	3/4	2,692.69	3/4	2,935.20	3/4	3,177.72	3/4	3,420.25	3/4		3/4		3/4		3/4		3/4	
3	2,455.24	3	2,697.75	3	2,940.26	3	3,182.77	3	3,425.31	3		3		3		3		3	
1/4	2,460.29	1/4	2,702.80	1/4	2,945.31	1/4	3,187.82	1/4	3,430.36	1/4		1/4		1/4		1/4		1/4	
1/2	2,465.34	1/2	2,707.85	1/2	2,950.36	1/2	3,192.87	1/2	3,435.40	1/2		1/2		1/2		1/2		1/2	
3/4	2,470.39	3/4	2,712.90	3/4	2,955.41	3/4	3,197.92	3/4	3,440.44	3/4		3/4		3/4		3/4		3/4	
4	2,475.45	4	2,717.96	4	2,960.47	4	3,202.98	4	3,445.49	4		4		4		4		4	
1/4	2,480.50	1/4	2,723.01	1/4	2,965.52	1/4	3,208.03	1/4	3,450.51	1/4		1/4		1/4		1/4		1/4	
1/2	2,485.55	1/2	2,728.06	1/2	2,970.57	1/2	3,213.08	1/2	3,455.53	1/2		1/2		1/2		1/2		1/2	
3/4	2,490.60	3/4	2,733.11	3/4	2,975.62	3/4	3,218.13	3/4	3,460.55	3/4		3/4		3/4		3/4		3/4	
5	2,495.65	5	2,738.16	5	2,980.68	5	3,223.19	5	3,465.57	5		5		5		5		5	
1/4	2,500.71	1/4	2,743.22	1/4	2,985.73	1/4	3,228.24	1/4	3,470.13	1/4		1/4		1/4		1/4		1/4	
1/2	2,505.76	1/2	2,748.27	1/2	2,990.78	1/2	3,233.29	1/2	3,474.69	1/2		1/2		1/2		1/2		1/2	
3/4	2,510.81	3/4	2,753.32	3/4	2,995.83	3/4	3,238.34	3/4	3,479.25	3/4		3/4		3/4		3/4		3/4	
6	2,515.86	6	2,758.37	6	3,000.88	6	3,243.39	6	3,483.81	6		6		6		6		6	
1/4	2,520.92	1/4	2,763.43	1/4	3,005.94	1/4	3,248.45	1/4	3,486.75	1/4		1/4		1/4		1/4		1/4	
1/2	2,525.97	1/2	2,768.48	1/2	3,010.99	1/2	3,253.50	1/2	3,489.70	1/2		1/2		1/2		1/2		1/2	
3/4	2,531.02	3/4	2,773.53	3/4	3,016.04	3/4	3,258.55	3/4	3,492.65	3/4		3/4		3/4		3/4		3/4	
7	2,536.07	7	2,778.58	7	3,021.09	7	3,263.60	7	3,495.59	7		7		7		7		7	
1/4	2,541.13	1/4	2,783.64	1/4	3,026.15	1/4	3,268.66	1/4	3,496.86	1/4		1/4		1/4		1/4		1/4	
1/2	2,546.18	1/2	2,788.69	1/2	3,031.20	1/2	3,273.71	1/2	3,498.12	1/2		1/2		1/2		1/2		1/2	
3/4	2,551.23	3/4	2,793.74	3/4	3,036.25	3/4	3,278.76	3/4	3,499.38	3/4		3/4		3/4		3/4		3/4	
8	2,556.28	8	2,798.79	8	3,041.30	8	3,283.81	8	3,500.64	8		8		8		8		8	
1/4	2,561.33	1/4	2,803.84	1/4	3,046.36	1/4	3,288.87	1/4	3,500.85	1/4		1/4		1/4		1/4		1/4	
1/2	2,566.39	1/2	2,808.90	1/2	3,051.41	1/2	3,293.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,571.44	3/4	2,813.95	3/4	3,056.46	3/4	3,298.97	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,576.49	9	2,819.00	9	3,061.51	9	3,304.02	9		9		9		9		9		9	
1/4	2,581.54	1/4	2,824.05	1/4	3,066.56	1/4	3,309.07	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,586.60	1/2	2,829.11	1/2	3,071.62	1/2	3,314.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,591.65	3/4	2,834.16	3/4	3,076.67	3/4	3,319.18	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,596.70	10	2,839.21	10	3,081.72	10	3,324.23	10		10		10		10		10		10	
1/4	2,601.75	1/4	2,844.26	1/4	3,086.77	1/4	3,329.28	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,606.81	1/2	2,849.32	1/2	3,091.83	1/2	3,334.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,611.86	3/4	2,854.37	3/4	3,096.88	3/4	3,339.39	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,616.91	11	2,859.42	11	3,101.93	11	3,344.44	11		11		11		11		11		11	
1/4	2,621.96	1/4	2,864.47	1/4	3,106.98	1/4	3,349.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,627.01	1/2	2,869.52	1/2	3,112.04	1/2	3,354.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,632.07	3/4	2,874.58	3/4	3,117.09	3/4	3,359.60	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/08/2020 JS  
CALCULATED: 07/09/2020 CL  
PRINTED: 07/09/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "MPX 204"

## ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-0/8	01-0/8	- 01-1/4	01-1/4
2 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
3 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
 AFT DRAFT = 4'-00"  
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS 00-3/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 3/8"

LENGTH BETWEEN DRAFT MARKS: 163'-06"

July 9, 2020

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>





# BARGE "MPX 204"

# 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	3,496.29	0	3,302.59	0	3,087.09	0	2,871.59	0	2,656.09	0	2,405.79	0	2,154.15	0	1,902.41	0	1,651.37	
1/4	1/4	3,496.07	1/4	3,298.10	1/4	3,082.60	1/4	2,867.10	1/4	2,651.60	1/4	2,400.55	1/4	2,148.90	1/4	1,897.17	1/4	1,646.14	
1/2	1/2	3,494.76	1/2	3,293.61	1/2	3,078.11	1/2	2,862.61	1/2	2,646.35	1/2	2,395.31	1/2	2,143.66	1/2	1,891.92	1/2	1,640.90	
3/4	3/4	3,493.44	3/4	3,289.12	3/4	3,073.62	3/4	2,858.12	3/4	2,641.11	3/4	2,390.07	3/4	2,138.41	3/4	1,886.68	3/4	1,635.66	
1	1	3,492.13	1	3,284.63	1	3,069.13	1	2,853.63	1	2,635.86	1	2,384.84	1	2,133.17	1	1,881.43	1	1,630.42	
1/4	1/4	3,490.82	1/4	3,280.14	1/4	3,064.64	1/4	2,849.14	1/4	2,630.62	1/4	2,379.60	1/4	2,127.93	1/4	1,876.19	1/4	1,625.17	
1/2	1/2	3,487.75	1/2	3,275.65	1/2	3,060.15	1/2	2,844.65	1/2	2,625.37	1/2	2,374.36	1/2	2,122.68	1/2	1,870.94	1/2	1,619.93	
3/4	3/4	3,484.68	3/4	3,271.16	3/4	3,055.66	3/4	2,840.16	3/4	2,620.13	3/4	2,369.12	3/4	2,117.44	3/4	1,865.70	3/4	1,614.69	
2	2	3,481.62	2	3,266.67	2	3,051.17	2	2,835.67	2	2,614.88	2	2,363.88	2	2,112.19	2	1,860.46	2	1,609.45	
1/4	1/4	3,478.55	1/4	3,262.18	1/4	3,046.68	1/4	2,831.18	1/4	2,609.64	1/4	2,358.64	1/4	2,106.95	1/4	1,855.21	1/4	1,604.21	
1/2	1/2	3,473.80	1/2	3,257.69	1/2	3,042.19	1/2	2,826.69	1/2	2,604.40	1/2	2,353.40	1/2	2,101.70	1/2	1,849.98	1/2	1,598.97	
3/4	3/4	3,469.06	3/4	3,253.20	3/4	3,037.70	3/4	2,822.20	3/4	2,599.16	3/4	2,348.16	3/4	2,096.46	3/4	1,844.76	3/4	1,593.73	
3	3	3,464.31	3	3,248.71	3	3,033.21	3	2,817.71	3	2,593.92	3	2,342.92	3	2,091.21	3	1,839.53	3	1,588.49	
1/4	1/4	3,459.56	1/4	3,244.22	1/4	3,028.72	1/4	2,813.22	1/4	2,588.68	1/4	2,337.68	1/4	2,085.97	1/4	1,834.30	1/4	1,583.25	
1/2	1/2	3,455.11	1/2	3,239.73	1/2	3,024.23	1/2	2,808.73	1/2	2,583.46	1/2	2,332.44	1/2	2,080.72	1/2	1,829.08	1/2	1,578.01	
3/4	3/4	3,450.65	3/4	3,235.24	3/4	3,019.74	3/4	2,804.24	3/4	2,578.24	3/4	2,327.21	3/4	2,075.48	3/4	1,823.85	3/4	1,572.77	
4	4	3,446.19	4	3,230.75	4	3,015.25	4	2,799.75	4	2,573.02	4	2,321.97	4	2,070.24	4	1,818.62	4	1,567.53	
1/4	1/4	3,441.74	1/4	3,226.26	1/4	3,010.76	1/4	2,795.26	1/4	2,567.80	1/4	2,316.73	1/4	2,064.99	1/4	1,813.40	1/4	1,562.29	
1/2	1/2	3,437.26	1/2	3,221.78	1/2	3,006.27	1/2	2,790.77	1/2	2,562.57	1/2	2,311.48	1/2	2,059.75	1/2	1,808.17	1/2	1,557.05	
3/4	3/4	3,432.78	3/4	3,217.29	3/4	3,001.78	3/4	2,786.28	3/4	2,557.35	3/4	2,306.24	3/4	2,054.50	3/4	1,802.94	3/4	1,551.81	
5	5	3,428.30	5	3,212.80	5	2,997.30	5	2,781.79	5	2,552.13	5	2,300.99	5	2,049.26	5	1,797.72	5	1,546.57	
1/4	1/4	3,423.82	1/4	3,208.31	1/4	2,992.81	1/4	2,777.30	1/4	2,546.91	1/4	2,295.75	1/4	2,044.01	1/4	1,792.49	1/4	1,541.33	
1/2	1/2	3,419.32	1/2	3,203.82	1/2	2,988.32	1/2	2,772.82	1/2	2,541.69	1/2	2,290.50	1/2	2,038.77	1/2	1,787.26	1/2	1,536.09	
3/4	3/4	3,414.83	3/4	3,199.33	3/4	2,983.83	3/4	2,768.33	3/4	2,536.46	3/4	2,285.26	3/4	2,033.52	3/4	1,782.04	3/4	1,530.85	
6	6	3,410.34	6	3,194.84	6	2,979.34	6	2,763.84	6	2,531.24	6	2,280.02	6	2,028.28	6	1,776.81	6	1,525.61	
1/4	1/4	3,405.85	1/4	3,190.35	1/4	2,974.85	1/4	2,759.35	1/4	2,526.02	1/4	2,274.77	1/4	2,023.04	1/4	1,771.58	1/4	1,520.37	
1/2	1/2	3,401.36	1/2	3,185.86	1/2	2,970.36	1/2	2,754.86	1/2	2,520.80	1/2	2,269.53	1/2	2,017.79	1/2	1,766.36	1/2	1,515.12	
3/4	3/4	3,396.87	3/4	3,181.37	3/4	2,965.87	3/4	2,750.37	3/4	2,515.58	3/4	2,264.28	3/4	2,012.55	3/4	1,761.13	3/4	1,509.88	
7	7	3,392.38	7	3,176.88	7	2,961.38	7	2,745.88	7	2,510.35	7	2,259.04	7	2,007.30	7	1,755.90	7	1,504.64	
1/4	1/4	3,387.89	1/4	3,172.39	1/4	2,956.89	1/4	2,741.39	1/4	2,505.13	1/4	2,253.79	1/4	2,002.06	1/4	1,750.68	1/4	1,499.40	
1/2	1/2	3,383.40	1/2	3,167.90	1/2	2,952.40	1/2	2,736.90	1/2	2,499.91	1/2	2,248.55	1/2	1,996.81	1/2	1,745.45	1/2	1,494.15	
3/4	3/4	3,378.91	3/4	3,163.41	3/4	2,947.91	3/4	2,732.41	3/4	2,494.69	3/4	2,243.30	3/4	1,991.57	3/4	1,740.22	3/4	1,488.91	
8	8	3,374.42	8	3,158.92	8	2,943.42	8	2,727.92	8	2,489.46	8	2,238.06	8	1,986.32	8	1,735.00	8	1,483.67	
1/4	1/4	3,369.93	1/4	3,154.43	1/4	2,938.93	1/4	2,723.43	1/4	2,484.24	1/4	2,232.82	1/4	1,981.08	1/4	1,729.77	1/4	1,478.43	
1/2	1/2	3,365.44	1/2	3,149.94	1/2	2,934.44	1/2	2,718.94	1/2	2,479.02	1/2	2,227.57	1/2	1,975.83	1/2	1,724.54	1/2	1,473.18	
3/4	3/4	3,360.95	3/4	3,145.45	3/4	2,929.95	3/4	2,714.45	3/4	2,473.80	3/4	2,222.33	3/4	1,970.59	3/4	1,719.31	3/4	1,467.94	
9	9	3,356.46	9	3,140.96	9	2,925.46	9	2,709.96	9	2,468.58	9	2,217.08	9	1,965.35	9	1,714.09	9	1,462.70	
1/4	1/4	3,351.97	1/4	3,136.47	1/4	2,920.97	1/4	2,705.47	1/4	2,463.35	1/4	2,211.84	1/4	1,960.10	1/4	1,708.86	1/4	1,457.45	
1/2	1/2	3,347.48	1/2	3,131.98	1/2	2,916.48	1/2	2,700.98	1/2	2,458.13	1/2	2,206.59	1/2	1,954.86	1/2	1,703.63	1/2	1,452.21	
3/4	3/4	3,342.99	3/4	3,127.49	3/4	2,911.99	3/4	2,696.49	3/4	2,452.91	3/4	2,201.35	3/4	1,949.61	3/4	1,698.41	3/4	1,446.97	
10	10	3,338.50	10	3,123.00	10	2,907.50	10	2,692.00	10	2,447.69	10	2,196.10	10	1,944.37	10	1,693.18	10	1,441.72	
1/4	1/4	3,334.02	1/4	3,118.51	1/4	2,903.01	1/4	2,687.51	1/4	2,442.47	1/4	2,190.86	1/4	1,939.12	1/4	1,687.95	1/4	1,436.48	
1/2	1/2	3,329.53	1/2	3,114.02	1/2	2,898.52	1/2	2,683.02	1/2	2,437.23	1/2	2,185.61	1/2	1,933.88	1/2	1,682.73	1/2	1,431.24	
3/4	3/4	3,325.04	3/4	3,109.54	3/4	2,894.03	3/4	2,678.53	3/4	2,431.99	3/4	2,180.37	3/4	1,928.63	3/4	1,677.50	3/4	1,425.99	
11	11	3,320.55	11	3,105.05	11	2,889.54	11	2,674.04	11	2,426.75	11	2,175.13	11	1,923.39	11	1,672.27	11	1,420.75	
1/4	1/4	3,316.06	1/4	3,100.56	1/4	2,885.06	1/4	2,669.55	1/4	2,421.51	1/4	2,169.88	1/4	1,918.15	1/4	1,667.05	1/4	1,415.51	
1/2	1/2	3,311.57	1/2	3,096.07	1/2	2,880.57	1/2	2,665.06	1/2	2,416.27	1/2	2,164.64	1/2	1,912.90	1/2	1,661.82	1/2	1,410.27	
3/4	3/4	3,307.08	3/4	3,091.58	3/4	2,876.08	3/4	2,660.58	3/4	2,411.03	3/4	2,159.39	3/4	1,907.66	3/4	1,656.59	3/4	1,405.02	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE  
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
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<http://www.pmacorp.net>





# BARGE "MPX 204"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-08 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	1,394.54	1/4	1,142.87	1/4	891.20	1/4	644.24	1/4	393.16	1/4	140.75	1/4		1/4		1/4		1/4		1/4	
1/2	1,389.29	1/2	1,137.62	1/2	885.96	1/2	639.15	1/2	387.90	1/2	135.49	1/2		1/2		1/2		1/2		1/2	
3/4	1,384.05	3/4	1,132.38	3/4	880.71	3/4	634.06	3/4	382.64	3/4	130.23	3/4		3/4		3/4		3/4		3/4	
1	1,378.81	1	1,127.14	1	875.47	1	628.97	1	377.38	1	124.97	1		1		1		1		1	
1/4	1,373.56	1/4	1,121.89	1/4	870.23	1/4	623.88	1/4	372.12	1/4	119.72	1/4		1/4		1/4		1/4		1/4	
1/2	1,368.32	1/2	1,116.65	1/2	864.98	1/2	618.78	1/2	366.86	1/2	114.46	1/2		1/2		1/2		1/2		1/2	
3/4	1,363.08	3/4	1,111.41	3/4	859.74	3/4	613.69	3/4	361.61	3/4	109.20	3/4		3/4		3/4		3/4		3/4	
2	1,357.83	2	1,106.17	2	854.50	2	608.59	2	356.35	2	103.94	2		2		2		2		2	
1/4	1,352.59	1/4	1,100.92	1/4	849.25	1/4	603.50	1/4	351.09	1/4	98.68	1/4		1/4		1/4		1/4		1/4	
1/2	1,347.35	1/2	1,095.68	1/2	844.01	1/2	598.24	1/2	345.83	1/2	93.42	1/2		1/2		1/2		1/2		1/2	
3/4	1,342.10	3/4	1,090.44	3/4	838.77	3/4	592.98	3/4	340.57	3/4	88.17	3/4		3/4		3/4		3/4		3/4	
3	1,336.86	3	1,085.19	3	833.52	3	587.72	3	335.31	3	82.91	3		3		3		3		3	
1/4	1,331.62	1/4	1,079.95	1/4	828.28	1/4	582.46	1/4	330.06	1/4	77.65	1/4		1/4		1/4		1/4		1/4	
1/2	1,326.38	1/2	1,074.71	1/2	823.04	1/2	577.20	1/2	324.80	1/2	72.41	1/2		1/2		1/2		1/2		1/2	
3/4	1,321.13	3/4	1,069.46	3/4	817.79	3/4	571.95	3/4	319.54	3/4	67.16	3/4		3/4		3/4		3/4		3/4	
4	1,315.89	4	1,064.22	4	812.55	4	566.69	4	314.28	4	61.92	4		4		4		4		4	
1/4	1,310.65	1/4	1,058.98	1/4	807.31	1/4	561.43	1/4	309.02	1/4	56.67	1/4		1/4		1/4		1/4		1/4	
1/2	1,305.40	1/2	1,053.73	1/2	802.19	1/2	556.17	1/2	303.76	1/2	51.46	1/2		1/2		1/2		1/2		1/2	
3/4	1,300.16	3/4	1,048.49	3/4	797.08	3/4	550.91	3/4	298.50	3/4	46.25	3/4		3/4		3/4		3/4		3/4	
5	1,294.92	5	1,043.25	5	791.97	5	545.65	5	293.25	5	41.03	5		5		5		5		5	
1/4	1,289.67	1/4	1,038.01	1/4	786.85	1/4	540.40	1/4	287.99	1/4	35.82	1/4		1/4		1/4		1/4		1/4	
1/2	1,284.43	1/2	1,032.76	1/2	781.74	1/2	535.14	1/2	282.73	1/2	31.44	1/2		1/2		1/2		1/2		1/2	
3/4	1,279.19	3/4	1,027.52	3/4	776.63	3/4	529.88	3/4	277.47	3/4	27.06	3/4		3/4		3/4		3/4		3/4	
6	1,273.94	6	1,022.28	6	771.51	6	524.62	6	272.21	6	22.68	6		6		6		6		6	
1/4	1,268.70	1/4	1,017.03	1/4	766.40	1/4	519.36	1/4	266.95	1/4	18.30	1/4		1/4		1/4		1/4		1/4	
1/2	1,263.46	1/2	1,011.79	1/2	761.31	1/2	514.10	1/2	261.69	1/2	15.67	1/2		1/2		1/2		1/2		1/2	
3/4	1,258.22	3/4	1,006.55	3/4	756.22	3/4	508.84	3/4	256.44	3/4	13.04	3/4		3/4		3/4		3/4		3/4	
7	1,252.97	7	1,001.30	7	751.14	7	503.59	7	251.18	7	10.42	7		7		7		7		7	
1/4	1,247.73	1/4	996.06	1/4	746.05	1/4	498.33	1/4	245.92	1/4	7.79	1/4		1/4		1/4		1/4		1/4	
1/2	1,242.49	1/2	990.82	1/2	740.96	1/2	493.07	1/2	240.66	1/2	6.91	1/2		1/2		1/2		1/2		1/2	
3/4	1,237.24	3/4	985.57	3/4	735.87	3/4	487.81	3/4	235.40	3/4	6.04	3/4		3/4		3/4		3/4		3/4	
8	1,232.00	8	980.33	8	730.78	8	482.55	8	230.14	8	5.16	8		8		8		8		8	
1/4	1,226.76	1/4	975.09	1/4	725.70	1/4	477.29	1/4	224.89	1/4	4.29	1/4		1/4		1/4		1/4		1/4	
1/2	1,221.51	1/2	969.84	1/2	720.61	1/2	472.03	1/2	219.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,216.27	3/4	964.60	3/4	715.52	3/4	466.78	3/4	214.37	3/4		3/4		3/4		3/4		3/4		3/4	
9	1,211.03	9	959.36	9	710.43	9	461.52	9	209.11	9		9		9		9		9		9	
1/4	1,205.78	1/4	954.12	1/4	705.35	1/4	456.26	1/4	203.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,200.54	1/2	948.87	1/2	700.26	1/2	451.00	1/2	198.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,195.30	3/4	943.63	3/4	695.17	3/4	445.74	3/4	193.33	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,190.05	10	938.39	10	690.08	10	440.48	10	188.08	10		10		10		10		10		10	
1/4	1,184.81	1/4	933.14	1/4	685.00	1/4	435.23	1/4	182.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,179.57	1/2	927.90	1/2	679.90	1/2	429.97	1/2	177.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,174.33	3/4	922.66	3/4	674.81	3/4	424.71	3/4	172.30	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,169.08	11	917.41	11	669.71	11	419.45	11	167.04	11		11		11		11		11		11	
1/4	1,163.84	1/4	912.17	1/4	664.62	1/4	414.19	1/4	161.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,158.60	1/2	906.93	1/2	659.53	1/2	408.93	1/2	156.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,153.35	3/4	901.68	3/4	654.43	3/4	403.67	3/4	151.27	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/08/2020 JS  
CALCULATED: 07/09/2020 CL  
PRINTED: 07/09/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "MPX 204"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-08 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN			
0	0	0	0	0	3,732.07	0	3,457.26	0	3,182.46	0	2,907.66	0	2,632.85	0	2,358.05	0	2,083.24	0	1,808.44		
1/4	1/4	1/4	1/4	1/4	3,726.34	1/4	3,451.54	1/4	3,176.73	1/4	2,901.93	1/4	2,627.13	1/4	2,352.32	1/4	2,077.52	1/4	1,802.71		
1/2	1/2	1/2	1/2	1/2	3,960.80	1/2	3,720.62	1/2	3,445.81	1/2	3,171.01	1/2	2,896.21	1/2	2,621.40	1/2	2,346.60	1/2	2,071.79	1/2	1,796.99
3/4	3/4	3/4	3/4	3/4	3,960.56	3/4	3,714.89	3/4	3,440.09	3/4	3,165.28	3/4	2,890.48	3/4	2,615.68	3/4	2,340.87	3/4	2,066.07	3/4	1,791.26
1	1	1	1	1	3,959.13	1	3,709.17	1	3,434.36	1	3,159.56	1	2,884.75	1	2,609.95	1	2,335.15	1	2,060.34	1	1,785.54
1/4	1/4	1/4	1/4	1/4	3,957.70	1/4	3,703.44	1/4	3,428.64	1/4	3,153.83	1/4	2,879.03	1/4	2,604.22	1/4	2,329.42	1/4	2,054.62	1/4	1,779.81
1/2	1/2	1/2	1/2	1/2	3,956.27	1/2	3,697.72	1/2	3,422.91	1/2	3,148.11	1/2	2,873.30	1/2	2,598.50	1/2	2,323.70	1/2	2,048.89	1/2	1,774.09
3/4	3/4	3/4	3/4	3/4	3,954.84	3/4	3,691.99	3/4	3,417.19	3/4	3,142.38	3/4	2,867.58	3/4	2,592.77	3/4	2,317.97	3/4	2,043.17	3/4	1,768.36
2	2	2	2	2	3,951.50	2	3,686.27	2	3,411.46	2	3,136.66	2	2,861.85	2	2,587.05	2	2,312.24	2	2,037.44	2	1,762.64
1/4	1/4	1/4	1/4	1/4	3,948.16	1/4	3,680.54	1/4	3,405.74	1/4	3,130.93	1/4	2,856.13	1/4	2,581.32	1/4	2,306.52	1/4	2,031.71	1/4	1,756.91
1/2	1/2	1/2	1/2	1/2	3,944.83	1/2	3,674.82	1/2	3,400.01	1/2	3,125.21	1/2	2,850.40	1/2	2,575.60	1/2	2,300.79	1/2	2,025.99	1/2	1,751.19
3/4	3/4	3/4	3/4	3/4	3,941.49	3/4	3,669.09	3/4	3,394.29	3/4	3,119.48	3/4	2,844.68	3/4	2,569.87	3/4	2,295.07	3/4	2,020.26	3/4	1,745.46
3	3	3	3	3	3,936.32	3	3,663.37	3	3,388.56	3	3,113.76	3	2,838.95	3	2,564.15	3	2,289.34	3	2,014.54	3	1,739.73
1/4	1/4	1/4	1/4	1/4	3,931.15	1/4	3,657.64	1/4	3,382.84	1/4	3,108.03	1/4	2,833.23	1/4	2,558.42	1/4	2,283.62	1/4	2,008.81	1/4	1,734.01
1/2	1/2	1/2	1/2	1/2	3,925.98	1/2	3,651.92	1/2	3,377.11	1/2	3,102.31	1/2	2,827.50	1/2	2,552.70	1/2	2,277.89	1/2	2,003.09	1/2	1,728.28
3/4	3/4	3/4	3/4	3/4	3,920.82	3/4	3,646.19	3/4	3,371.39	3/4	3,096.58	3/4	2,821.78	3/4	2,546.97	3/4	2,272.17	3/4	1,997.36	3/4	1,722.56
4	4	4	4	4	3,915.13	4	3,640.47	4	3,365.66	4	3,090.86	4	2,816.05	4	2,541.25	4	2,266.44	4	1,991.64	4	1,716.83
1/4	1/4	1/4	1/4	1/4	3,909.44	1/4	3,634.74	1/4	3,359.94	1/4	3,085.13	1/4	2,810.33	1/4	2,535.52	1/4	2,260.72	1/4	1,985.91	1/4	1,711.11
1/2	1/2	1/2	1/2	1/2	3,903.75	1/2	3,629.02	1/2	3,354.21	1/2	3,079.41	1/2	2,804.60	1/2	2,529.80	1/2	2,254.99	1/2	1,980.19	1/2	1,705.38
3/4	3/4	3/4	3/4	3/4	3,898.06	3/4	3,623.29	3/4	3,348.49	3/4	3,073.68	3/4	2,798.88	3/4	2,524.07	3/4	2,249.27	3/4	1,974.46	3/4	1,699.66
5	5	5	5	5	3,892.35	5	3,617.57	5	3,342.76	5	3,067.96	5	2,793.15	5	2,518.35	5	2,243.54	5	1,968.74	5	1,693.93
1/4	1/4	1/4	1/4	1/4	3,886.63	1/4	3,611.84	1/4	3,337.04	1/4	3,062.23	1/4	2,787.43	1/4	2,512.62	1/4	2,237.82	1/4	1,963.01	1/4	1,688.21
1/2	1/2	1/2	1/2	1/2	3,880.92	1/2	3,606.12	1/2	3,331.31	1/2	3,056.51	1/2	2,781.70	1/2	2,506.90	1/2	2,232.09	1/2	1,957.29	1/2	1,682.48
3/4	3/4	3/4	3/4	3/4	3,875.20	3/4	3,600.39	3/4	3,325.59	3/4	3,050.78	3/4	2,775.98	3/4	2,501.17	3/4	2,226.37	3/4	1,951.56	3/4	1,676.76
6	6	6	6	6	3,869.48	6	3,594.67	6	3,319.86	6	3,045.06	6	2,770.25	6	2,495.45	6	2,220.64	6	1,945.84	6	1,671.03
1/4	1/4	1/4	1/4	1/4	3,863.75	1/4	3,588.94	1/4	3,314.14	1/4	3,039.33	1/4	2,764.53	1/4	2,489.72	1/4	2,214.92	1/4	1,940.11	1/4	1,665.31
1/2	1/2	1/2	1/2	1/2	3,858.02	1/2	3,583.22	1/2	3,308.41	1/2	3,033.61	1/2	2,758.80	1/2	2,484.00	1/2	2,209.19	1/2	1,934.39	1/2	1,659.58
3/4	3/4	3/4	3/4	3/4	3,852.30	3/4	3,577.49	3/4	3,302.69	3/4	3,027.88	3/4	2,753.08	3/4	2,478.27	3/4	2,203.47	3/4	1,928.66	3/4	1,653.86
7	7	7	7	7	3,846.57	7	3,571.77	7	3,296.96	7	3,022.16	7	2,747.35	7	2,472.55	7	2,197.74	7	1,922.94	7	1,648.13
1/4	1/4	1/4	1/4	1/4	3,840.85	1/4	3,566.04	1/4	3,291.24	1/4	3,016.43	1/4	2,741.63	1/4	2,466.82	1/4	2,192.02	1/4	1,917.21	1/4	1,642.41
1/2	1/2	1/2	1/2	1/2	3,835.12	1/2	3,560.32	1/2	3,285.51	1/2	3,010.71	1/2	2,735.90	1/2	2,461.10	1/2	2,186.29	1/2	1,911.49	1/2	1,636.68
3/4	3/4	3/4	3/4	3/4	3,829.40	3/4	3,554.59	3/4	3,279.79	3/4	3,004.98	3/4	2,730.18	3/4	2,455.37	3/4	2,180.57	3/4	1,905.76	3/4	1,630.96
8	8	8	8	8	3,823.67	8	3,548.87	8	3,274.06	8	2,999.26	8	2,724.45	8	2,449.65	8	2,174.84	8	1,900.04	8	1,625.23
1/4	1/4	1/4	1/4	1/4	3,817.95	1/4	3,543.14	1/4	3,268.34	1/4	2,993.53	1/4	2,718.73	1/4	2,443.92	1/4	2,169.12	1/4	1,894.31	1/4	1,619.51
1/2	1/2	1/2	1/2	1/2	3,812.22	1/2	3,537.42	1/2	3,262.61	1/2	2,987.81	1/2	2,713.00	1/2	2,438.20	1/2	2,163.39	1/2	1,888.59	1/2	1,613.78
3/4	3/4	3/4	3/4	3/4	3,806.50	3/4	3,531.69	3/4	3,256.89	3/4	2,982.08	3/4	2,707.28	3/4	2,432.47	3/4	2,157.67	3/4	1,882.86	3/4	1,608.06
9	9	9	9	9	3,800.77	9	3,525.97	9	3,251.16	9	2,976.36	9	2,701.55	9	2,426.75	9	2,151.94	9	1,877.14	9	1,602.33
1/4	1/4	1/4	1/4	1/4	3,795.05	1/4	3,520.24	1/4	3,245.44	1/4	2,970.63	1/4	2,695.83	1/4	2,421.02	1/4	2,146.22	1/4	1,871.41	1/4	1,596.61
1/2	1/2	1/2	1/2	1/2	3,789.32	1/2	3,514.52	1/2	3,239.71	1/2	2,964.91	1/2	2,690.10	1/2	2,415.30	1/2	2,140.49	1/2	1,865.69	1/2	1,590.88
3/4	3/4	3/4	3/4	3/4	3,783.60	3/4	3,508.79	3/4	3,233.99	3/4	2,959.18	3/4	2,684.38	3/4	2,409.57	3/4	2,134.77	3/4	1,859.96	3/4	1,585.16
10	10	10	10	10	3,777.87	10	3,503.07	10	3,228.26	10	2,953.46	10	2,678.65	10	2,403.85	10	2,129.04	10	1,854.24	10	1,579.43
1/4	1/4	1/4	1/4	1/4	3,772.15	1/4	3,497.34	1/4	3,222.54	1/4	2,947.73	1/4	2,672.93	1/4	2,398.12	1/4	2,123.32	1/4	1,848.51	1/4	1,573.71
1/2	1/2	1/2	1/2	1/2	3,766.42	1/2	3,491.62	1/2	3,216.81	1/2	2,942.01	1/2	2,667.20	1/2	2,392.40	1/2	2,117.59	1/2	1,842.79	1/2	1,567.98
3/4	3/4	3/4	3/4	3/4	3,760.70	3/4	3,485.89	3/4	3,211.09	3/4	2,936.28	3/4	2,661.48	3/4	2,386.67	3/4	2,111.87	3/4	1,837.06	3/4	1,562.26
11	11	11	11	11	3,754.97	11	3,480.17	11	3,205.36	11	2,930.56	11	2,655.75	11	2,380.95	11	2,106.14	11	1,831.34	11	1,556.53
1/4	1/4	1/4	1/4	1/4	3,749.25	1/4	3,474.44	1/4	3,199.64	1/4	2,924.83	1/4	2,650.03	1/4	2,375.22	1/4	2,100.42	1/4	1,825.61	1/4	1,550.81
1/2	1/2	1/2	1/2	1/2	3,743.52	1/2	3,468.72	1/2	3,193.91	1/2	2,919.11	1/2	2,644.30	1/2	2,369.50	1/2	2,094.69	1/2	1,819.89	1/2	1,545.08
3/4	3/4	3/4	3/4	3/4	3,737.79	3/4	3,462.99	3/4	3,188.19	3/4	2,913.38	3/4	2,638.58	3/4	2,363.77	3/4	2,088.97	3/4	1,814.16	3/4	1,539.36

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE  
GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "MPX 204"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-08 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	1,527.91	1/4	1,253.10	1/4	978.30	1/4	708.62	1/4	435.54	1/4	160.74	1/4		1/4		1/4		1/4		1/4	
1/2	1,522.18	1/2	1,247.38	1/2	972.57	1/2	703.06	1/2	429.82	1/2	155.02	1/2		1/2		1/2		1/2		1/2	
3/4	1,516.46	3/4	1,241.65	3/4	966.85	3/4	697.51	3/4	424.09	3/4	149.30	3/4		3/4		3/4		3/4		3/4	
1	1,510.73	1	1,235.93	1	961.12	1	691.96	1	418.37	1	143.57	1		1		1		1		1	
1/4	1,505.01	1/4	1,230.20	1/4	955.40	1/4	686.40	1/4	412.64	1/4	137.85	1/4		1/4		1/4		1/4		1/4	
1/2	1,499.28	1/2	1,224.48	1/2	949.67	1/2	680.85	1/2	406.92	1/2	132.12	1/2		1/2		1/2		1/2		1/2	
3/4	1,493.56	3/4	1,218.75	3/4	943.95	3/4	675.30	3/4	401.19	3/4	126.40	3/4		3/4		3/4		3/4		3/4	
2	1,487.83	2	1,213.03	2	938.22	2	669.75	2	395.47	2	120.67	2		2		2		2		2	
1/4	1,482.11	1/4	1,207.30	1/4	932.50	1/4	664.19	1/4	389.74	1/4	114.95	1/4		1/4		1/4		1/4		1/4	
1/2	1,476.38	1/2	1,201.58	1/2	926.77	1/2	658.64	1/2	384.02	1/2	109.23	1/2		1/2		1/2		1/2		1/2	
3/4	1,470.66	3/4	1,195.85	3/4	921.05	3/4	653.09	3/4	378.29	3/4	103.50	3/4		3/4		3/4		3/4		3/4	
3	1,464.93	3	1,190.13	3	915.32	3	647.36	3	372.57	3	97.78	3		3		3		3		3	
1/4	1,459.20	1/4	1,184.40	1/4	909.60	1/4	641.64	1/4	366.84	1/4	92.05	1/4		1/4		1/4		1/4		1/4	
1/2	1,453.48	1/2	1,178.68	1/2	903.87	1/2	635.91	1/2	361.12	1/2	86.33	1/2		1/2		1/2		1/2		1/2	
3/4	1,447.75	3/4	1,172.95	3/4	898.15	3/4	630.19	3/4	355.39	3/4	80.61	3/4		3/4		3/4		3/4		3/4	
4	1,442.03	4	1,167.22	4	892.42	4	624.46	4	349.67	4	74.90	4		4		4		4		4	
1/4	1,436.30	1/4	1,161.50	1/4	886.69	1/4	618.74	1/4	343.94	1/4	69.19	1/4		1/4		1/4		1/4		1/4	
1/2	1,430.58	1/2	1,155.77	1/2	880.97	1/2	613.01	1/2	338.22	1/2	63.48	1/2		1/2		1/2		1/2		1/2	
3/4	1,424.85	3/4	1,150.05	3/4	875.24	3/4	607.29	3/4	332.49	3/4	57.77	3/4		3/4		3/4		3/4		3/4	
5	1,419.13	5	1,144.32	5	869.69	5	601.56	5	326.77	5	52.09	5		5		5		5		5	
1/4	1,413.40	1/4	1,138.60	1/4	864.13	1/4	595.84	1/4	321.04	1/4	46.42	1/4		1/4		1/4		1/4		1/4	
1/2	1,407.68	1/2	1,132.87	1/2	858.57	1/2	590.11	1/2	315.32	1/2	40.74	1/2		1/2		1/2		1/2		1/2	
3/4	1,401.95	3/4	1,127.15	3/4	853.01	3/4	584.39	3/4	309.59	3/4	35.06	3/4		3/4		3/4		3/4		3/4	
6	1,396.23	6	1,121.42	6	847.45	6	578.66	6	303.87	6	30.30	6		6		6		6		6	
1/4	1,390.50	1/4	1,115.70	1/4	841.90	1/4	572.94	1/4	298.14	1/4	25.53	1/4		1/4		1/4		1/4		1/4	
1/2	1,384.78	1/2	1,109.97	1/2	836.34	1/2	567.21	1/2	292.42	1/2	20.76	1/2		1/2		1/2		1/2		1/2	
3/4	1,379.05	3/4	1,104.25	3/4	830.78	3/4	561.49	3/4	286.69	3/4	15.99	3/4		3/4		3/4		3/4		3/4	
7	1,373.33	7	1,098.52	7	825.23	7	555.76	7	280.97	7	13.13	7		7		7		7		7	
1/4	1,367.60	1/4	1,092.80	1/4	819.67	1/4	550.04	1/4	275.24	1/4	10.27	1/4		1/4		1/4		1/4		1/4	
1/2	1,361.88	1/2	1,087.07	1/2	814.12	1/2	544.31	1/2	269.52	1/2	7.41	1/2		1/2		1/2		1/2		1/2	
3/4	1,356.15	3/4	1,081.35	3/4	808.57	3/4	538.59	3/4	263.79	3/4	4.54	3/4		3/4		3/4		3/4		3/4	
8	1,350.43	8	1,075.62	8	803.01	8	532.86	8	258.07	8	3.59	8		8		8		8		8	
1/4	1,344.70	1/4	1,069.90	1/4	797.46	1/4	527.14	1/4	252.34	1/4	2.64	1/4		1/4		1/4		1/4		1/4	
1/2	1,338.98	1/2	1,064.17	1/2	791.91	1/2	521.41	1/2	246.62	1/2	1.69	1/2		1/2		1/2		1/2		1/2	
3/4	1,333.25	3/4	1,058.45	3/4	786.36	3/4	515.69	3/4	240.89	3/4	0.73	3/4		3/4		3/4		3/4		3/4	
9	1,327.53	9	1,052.72	9	780.80	9	509.96	9	235.17	9		9		9		9		9		9	
1/4	1,321.80	1/4	1,047.00	1/4	775.25	1/4	504.24	1/4	229.44	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,316.08	1/2	1,041.27	1/2	769.70	1/2	498.51	1/2	223.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,310.35	3/4	1,035.55	3/4	764.14	3/4	492.79	3/4	217.99	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,304.63	10	1,029.82	10	758.59	10	487.06	10	212.27	10		10		10		10		10		10	
1/4	1,298.90	1/4	1,024.10	1/4	753.04	1/4	481.34	1/4	206.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,293.18	1/2	1,018.37	1/2	747.49	1/2	475.61	1/2	200.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,287.45	3/4	1,012.65	3/4	741.93	3/4	469.89	3/4	195.09	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,281.73	11	1,006.92	11	736.38	11	464.16	11	189.37	11		11		11		11		11		11	
1/4	1,276.00	1/4	1,001.20	1/4	730.83	1/4	458.44	1/4	183.64	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,270.28	1/2	995.47	1/2	725.27	1/2	452.71	1/2	177.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,264.55	3/4	989.75	3/4	719.72	3/4	446.99	3/4	172.19	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/08/2020 JS  
CALCULATED: 07/09/2020 CL  
PRINTED: 07/09/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "MPX 204"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	3,293.92	0	3,051.41	0	2,808.90	0	2,566.39	0	2,323.88	0	2,081.37	0	1,838.86	0	1,596.35
1/4		1/4	3,500.85	1/4	3,288.87	1/4	3,046.36	1/4	2,803.84	1/4	2,561.33	1/4	2,318.82	1/4	2,076.31	1/4	1,833.80	1/4	1,591.29
1/2		1/2	3,500.64	1/2	3,283.81	1/2	3,041.30	1/2	2,798.79	1/2	2,556.28	1/2	2,313.77	1/2	2,071.26	1/2	1,828.75	1/2	1,586.24
3/4		3/4	3,499.38	3/4	3,278.76	3/4	3,036.25	3/4	2,793.74	3/4	2,551.23	3/4	2,308.72	3/4	2,066.21	3/4	1,823.70	3/4	1,581.19
1		1	3,498.12	1	3,273.71	1	3,031.20	1	2,788.69	1	2,546.18	1	2,303.67	1	2,061.16	1	1,818.65	1	1,576.14
1/4		1/4	3,496.86	1/4	3,268.66	1/4	3,026.15	1/4	2,783.64	1/4	2,541.13	1/4	2,298.61	1/4	2,056.10	1/4	1,813.59	1/4	1,571.08
1/2		1/2	3,495.59	1/2	3,263.60	1/2	3,021.09	1/2	2,778.58	1/2	2,536.07	1/2	2,293.56	1/2	2,051.05	1/2	1,808.54	1/2	1,566.03
3/4		3/4	3,492.65	3/4	3,258.55	3/4	3,016.04	3/4	2,773.53	3/4	2,531.02	3/4	2,288.51	3/4	2,046.00	3/4	1,803.49	3/4	1,560.98
2		2	3,489.70	2	3,253.50	2	3,010.99	2	2,768.48	2	2,525.97	2	2,283.46	2	2,040.95	2	1,798.44	2	1,555.93
1/4		1/4	3,486.75	1/4	3,248.45	1/4	3,005.94	1/4	2,763.43	1/4	2,520.92	1/4	2,278.41	1/4	2,035.90	1/4	1,793.38	1/4	1,550.87
1/2		1/2	3,483.81	1/2	3,243.40	1/2	3,000.88	1/2	2,758.37	1/2	2,515.86	1/2	2,273.35	1/2	2,030.84	1/2	1,788.33	1/2	1,545.82
3/4		3/4	3,479.25	3/4	3,238.34	3/4	2,995.83	3/4	2,753.32	3/4	2,510.81	3/4	2,268.30	3/4	2,025.79	3/4	1,783.28	3/4	1,540.77
3		3	3,474.69	3	3,233.29	3	2,990.78	3	2,748.27	3	2,505.76	3	2,263.25	3	2,020.74	3	1,778.23	3	1,535.72
1/4		1/4	3,470.13	1/4	3,228.24	1/4	2,985.73	1/4	2,743.22	1/4	2,500.71	1/4	2,258.20	1/4	2,015.69	1/4	1,773.18	1/4	1,530.67
1/2		1/2	3,465.57	1/2	3,223.19	1/2	2,980.68	1/2	2,738.17	1/2	2,495.65	1/2	2,253.14	1/2	2,010.63	1/2	1,768.12	1/2	1,525.61
3/4		3/4	3,460.55	3/4	3,218.13	3/4	2,975.62	3/4	2,733.11	3/4	2,490.60	3/4	2,248.09	3/4	2,005.58	3/4	1,763.07	3/4	1,520.56
4		4	3,455.53	4	3,213.08	4	2,970.57	4	2,728.06	4	2,485.55	4	2,243.04	4	2,000.53	4	1,758.02	4	1,515.51
1/4		1/4	3,450.51	1/4	3,208.03	1/4	2,965.52	1/4	2,723.01	1/4	2,480.50	1/4	2,237.99	1/4	1,995.48	1/4	1,752.97	1/4	1,510.46
1/2		1/2	3,445.49	1/2	3,202.98	1/2	2,960.47	1/2	2,717.96	1/2	2,475.45	1/2	2,232.94	1/2	1,990.42	1/2	1,747.91	1/2	1,505.40
3/4		3/4	3,440.44	3/4	3,197.92	3/4	2,955.41	3/4	2,712.90	3/4	2,470.39	3/4	2,227.88	3/4	1,985.37	3/4	1,742.86	3/4	1,500.35
5		5	3,435.40	5	3,192.87	5	2,950.36	5	2,707.85	5	2,465.34	5	2,222.83	5	1,980.32	5	1,737.81	5	1,495.30
1/4		1/4	3,430.36	1/4	3,187.82	1/4	2,945.31	1/4	2,702.80	1/4	2,460.29	1/4	2,217.78	1/4	1,975.27	1/4	1,732.76	1/4	1,490.25
1/2		1/2	3,425.31	1/2	3,182.77	1/2	2,940.26	1/2	2,697.75	1/2	2,455.24	1/2	2,212.73	1/2	1,970.22	1/2	1,727.71	1/2	1,485.19
3/4		3/4	3,420.25	3/4	3,177.72	3/4	2,935.20	3/4	2,692.69	3/4	2,450.18	3/4	2,207.67	3/4	1,965.16	3/4	1,722.65	3/4	1,480.14
6		6	3,415.19	6	3,172.66	6	2,930.15	6	2,687.64	6	2,445.13	6	2,202.62	6	1,960.11	6	1,717.60	6	1,475.09
1/4		1/4	3,410.13	1/4	3,167.61	1/4	2,925.10	1/4	2,682.59	1/4	2,440.08	1/4	2,197.57	1/4	1,955.06	1/4	1,712.55	1/4	1,470.04
1/2		1/2	3,405.07	1/2	3,162.56	1/2	2,920.05	1/2	2,677.54	1/2	2,435.03	1/2	2,192.52	1/2	1,950.01	1/2	1,707.50	1/2	1,464.99
3/4		3/4	3,400.02	3/4	3,157.51	3/4	2,915.00	3/4	2,672.49	3/4	2,429.97	3/4	2,187.46	3/4	1,944.95	3/4	1,702.44	3/4	1,459.93
7		7	3,394.96	7	3,152.45	7	2,909.94	7	2,667.43	7	2,424.92	7	2,182.41	7	1,939.90	7	1,697.39	7	1,454.88
1/4		1/4	3,389.91	1/4	3,147.40	1/4	2,904.89	1/4	2,662.38	1/4	2,419.87	1/4	2,177.36	1/4	1,934.85	1/4	1,692.34	1/4	1,449.83
1/2		1/2	3,384.86	1/2	3,142.35	1/2	2,899.84	1/2	2,657.33	1/2	2,414.82	1/2	2,172.31	1/2	1,929.80	1/2	1,687.29	1/2	1,444.78
3/4		3/4	3,379.81	3/4	3,137.30	3/4	2,894.79	3/4	2,652.28	3/4	2,409.77	3/4	2,167.26	3/4	1,924.74	3/4	1,682.23	3/4	1,439.72
8		8	3,374.75	8	3,132.24	8	2,889.73	8	2,647.22	8	2,404.71	8	2,162.20	8	1,919.69	8	1,677.18	8	1,434.67
1/4		1/4	3,369.70	1/4	3,127.19	1/4	2,884.68	1/4	2,642.17	1/4	2,399.66	1/4	2,157.15	1/4	1,914.64	1/4	1,672.13	1/4	1,429.62
1/2		1/2	3,364.65	1/2	3,122.14	1/2	2,879.63	1/2	2,637.12	1/2	2,394.61	1/2	2,152.10	1/2	1,909.59	1/2	1,667.08	1/2	1,424.57
3/4		3/4	3,359.60	3/4	3,117.09	3/4	2,874.58	3/4	2,632.07	3/4	2,389.56	3/4	2,147.05	3/4	1,904.54	3/4	1,662.03	3/4	1,419.51
9		9	3,354.55	9	3,112.04	9	2,869.52	9	2,627.01	9	2,384.50	9	2,141.99	9	1,899.48	9	1,656.97	9	1,414.46
1/4		1/4	3,349.49	1/4	3,106.98	1/4	2,864.47	1/4	2,621.96	1/4	2,379.45	1/4	2,136.94	1/4	1,894.43	1/4	1,651.92	1/4	1,409.41
1/2		1/2	3,344.44	1/2	3,101.93	1/2	2,859.42	1/2	2,616.91	1/2	2,374.40	1/2	2,131.89	1/2	1,889.38	1/2	1,646.87	1/2	1,404.36
3/4		3/4	3,339.39	3/4	3,096.88	3/4	2,854.37	3/4	2,611.86	3/4	2,369.35	3/4	2,126.84	3/4	1,884.33	3/4	1,641.82	3/4	1,399.31
10		10	3,334.34	10	3,091.83	10	2,849.32	10	2,606.81	10	2,364.29	10	2,121.78	10	1,879.27	10	1,636.76	10	1,394.25
1/4		1/4	3,329.28	1/4	3,086.77	1/4	2,844.26	1/4	2,601.75	1/4	2,359.24	1/4	2,116.73	1/4	1,874.22	1/4	1,631.71	1/4	1,389.20
1/2		1/2	3,324.23	1/2	3,081.72	1/2	2,839.21	1/2	2,596.70	1/2	2,354.19	1/2	2,111.68	1/2	1,869.17	1/2	1,626.66	1/2	1,384.15
3/4		3/4	3,319.18	3/4	3,076.67	3/4	2,834.16	3/4	2,591.65	3/4	2,349.14	3/4	2,106.63	3/4	1,864.12	3/4	1,621.61	3/4	1,379.10
11		11	3,314.13	11	3,071.62	11	2,829.11	11	2,586.60	11	2,344.09	11	2,101.58	11	1,859.06	11	1,616.55	11	1,374.04
1/4		1/4	3,309.07	1/4	3,066.56	1/4	2,824.05	1/4	2,581.54	1/4	2,339.03	1/4	2,096.52	1/4	1,854.01	1/4	1,611.50	1/4	1,368.99
1/2		1/2	3,304.02	1/2	3,061.51	1/2	2,819.00	1/2	2,576.49	1/2	2,333.98	1/2	2,091.47	1/2	1,848.96	1/2	1,606.45	1/2	1,363.94
3/4		3/4	3,298.97	3/4	3,056.46	3/4	2,813.95	3/4	2,571.44	3/4	2,328.93	3/4	2,086.42	3/4	1,843.91	3/4	1,601.40	3/4	1,358.89

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE  
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "MPX 204"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-08 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	1,348.78	1/4	1,106.27	1/4	863.76	1/4	621.68	1/4	379.34	1/4	136.87	1/4		1/4		1/4		1/4	
1/2	1,343.73	1/2	1,101.22	1/2	858.71	1/2	616.65	1/2	374.29	1/2	131.82	1/2		1/2		1/2		1/2	
3/4	1,338.68	3/4	1,096.17	3/4	853.66	3/4	611.61	3/4	369.24	3/4	126.77	3/4		3/4		3/4		3/4	
1	1,333.63	1	1,091.12	1	848.60	1	606.57	1	364.19	1	121.72	1		1		1		1	
1/4	1,328.57	1/4	1,086.06	1/4	843.55	1/4	601.54	1/4	359.14	1/4	116.67	1/4		1/4		1/4		1/4	
1/2	1,323.52	1/2	1,081.01	1/2	838.50	1/2	596.50	1/2	354.09	1/2	111.62	1/2		1/2		1/2		1/2	
3/4	1,318.47	3/4	1,075.96	3/4	833.45	3/4	591.46	3/4	349.03	3/4	106.57	3/4		3/4		3/4		3/4	
2	1,313.42	2	1,070.91	2	828.40	2	586.43	2	343.98	2	101.51	2		2		2		2	
1/4	1,308.36	1/4	1,065.85	1/4	823.34	1/4	581.39	1/4	338.93	1/4	96.46	1/4		1/4		1/4		1/4	
1/2	1,303.31	1/2	1,060.80	1/2	818.29	1/2	576.35	1/2	333.88	1/2	91.41	1/2		1/2		1/2		1/2	
3/4	1,298.26	3/4	1,055.75	3/4	813.24	3/4	571.30	3/4	328.83	3/4	86.36	3/4		3/4		3/4		3/4	
3	1,293.21	3	1,050.70	3	808.19	3	566.25	3	323.78	3	81.31	3		3		3		3	
1/4	1,288.15	1/4	1,045.64	1/4	803.13	1/4	561.20	1/4	318.73	1/4	76.26	1/4		1/4		1/4		1/4	
1/2	1,283.10	1/2	1,040.59	1/2	798.08	1/2	556.15	1/2	313.67	1/2	71.21	1/2		1/2		1/2		1/2	
3/4	1,278.05	3/4	1,035.54	3/4	793.03	3/4	551.09	3/4	308.62	3/4	66.17	3/4		3/4		3/4		3/4	
4	1,273.00	4	1,030.49	4	787.98	4	546.04	4	303.57	4	61.14	4		4		4		4	
1/4	1,267.95	1/4	1,025.44	1/4	782.92	1/4	540.99	1/4	298.52	1/4	56.10	1/4		1/4		1/4		1/4	
1/2	1,262.89	1/2	1,020.38	1/2	777.87	1/2	535.94	1/2	293.47	1/2	51.06	1/2		1/2		1/2		1/2	
3/4	1,257.84	3/4	1,015.33	3/4	772.83	3/4	530.89	3/4	288.42	3/4	46.05	3/4		3/4		3/4		3/4	
5	1,252.79	5	1,010.28	5	767.79	5	525.84	5	283.36	5	41.04	5		5		5		5	
1/4	1,247.74	1/4	1,005.23	1/4	762.75	1/4	520.79	1/4	278.31	1/4	36.03	1/4		1/4		1/4		1/4	
1/2	1,242.68	1/2	1,000.17	1/2	757.70	1/2	515.73	1/2	273.26	1/2	31.03	1/2		1/2		1/2		1/2	
3/4	1,237.63	3/4	995.12	3/4	752.66	3/4	510.68	3/4	268.21	3/4	26.82	3/4		3/4		3/4		3/4	
6	1,232.58	6	990.07	6	747.62	6	505.63	6	263.16	6	22.61	6		6		6		6	
1/4	1,227.53	1/4	985.02	1/4	742.58	1/4	500.58	1/4	258.11	1/4	18.40	1/4		1/4		1/4		1/4	
1/2	1,222.48	1/2	979.96	1/2	737.54	1/2	495.53	1/2	253.06	1/2	14.20	1/2		1/2		1/2		1/2	
3/4	1,217.42	3/4	974.91	3/4	732.50	3/4	490.48	3/4	248.00	3/4	11.67	3/4		3/4		3/4		3/4	
7	1,212.37	7	969.86	7	727.46	7	485.42	7	242.95	7	9.14	7		7		7		7	
1/4	1,207.32	1/4	964.81	1/4	722.42	1/4	480.37	1/4	237.90	1/4	6.62	1/4		1/4		1/4		1/4	
1/2	1,202.27	1/2	959.76	1/2	717.39	1/2	475.32	1/2	232.85	1/2	4.09	1/2		1/2		1/2		1/2	
3/4	1,197.21	3/4	954.70	3/4	712.35	3/4	470.27	3/4	227.80	3/4	3.25	3/4		3/4		3/4		3/4	
8	1,192.16	8	949.65	8	707.31	8	465.22	8	222.75	8	2.41	8		8		8		8	
1/4	1,187.11	1/4	944.60	1/4	702.28	1/4	460.17	1/4	217.70	1/4	1.57	1/4		1/4		1/4		1/4	
1/2	1,182.06	1/2	939.55	1/2	697.24	1/2	455.12	1/2	212.64	1/2	0.73	1/2		1/2		1/2		1/2	
3/4	1,177.00	3/4	934.49	3/4	692.20	3/4	450.06	3/4	207.59	3/4		3/4		3/4		3/4		3/4	
9	1,171.95	9	929.44	9	687.17	9	445.01	9	202.54	9		9		9		9		9	
1/4	1,166.90	1/4	924.39	1/4	682.13	1/4	439.96	1/4	197.49	1/4		1/4		1/4		1/4		1/4	
1/2	1,161.85	1/2	919.34	1/2	677.09	1/2	434.91	1/2	192.44	1/2		1/2		1/2		1/2		1/2	
3/4	1,156.80	3/4	914.28	3/4	672.05	3/4	429.86	3/4	187.39	3/4		3/4		3/4		3/4		3/4	
10	1,151.74	10	909.23	10	667.02	10	424.81	10	182.33	10		10		10		10		10	
1/4	1,146.69	1/4	904.18	1/4	661.98	1/4	419.76	1/4	177.28	1/4		1/4		1/4		1/4		1/4	
1/2	1,141.64	1/2	899.13	1/2	656.94	1/2	414.70	1/2	172.23	1/2		1/2		1/2		1/2		1/2	
3/4	1,136.59	3/4	894.08	3/4	651.91	3/4	409.65	3/4	167.18	3/4		3/4		3/4		3/4		3/4	
11	1,131.53	11	889.02	11	646.87	11	404.60	11	162.13	11		11		11		11		11	
1/4	1,126.48	1/4	883.97	1/4	641.83	1/4	399.55	1/4	157.08	1/4		1/4		1/4		1/4		1/4	
1/2	1,121.43	1/2	878.92	1/2	636.80	1/2	394.50	1/2	152.03	1/2		1/2		1/2		1/2		1/2	
3/4	1,116.38	3/4	873.87	3/4	631.76	3/4	389.45	3/4	146.97	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/08/2020 JS  
CALCULATED: 07/09/2020 CL  
PRINTED: 07/09/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2020

PRECISION MEASUREMENT  
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