



BARGE "MMI 3024"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-04"

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	28.71	0	354.64	0	726.19	0	1,100.08	0	1,474.89	0	1,849.77	0	2,224.65	0	2,599.53	0	2,974.41	0	3,349.29
1/4	33.43	1/4	362.20	1/4	733.99	1/4	1,107.87	1/4	1,482.70	1/4	1,857.58	1/4	2,232.46	1/4	2,607.34	1/4	2,982.22	1/4	3,357.10
1/2	38.14	1/2	369.76	1/2	741.80	1/2	1,115.67	1/2	1,490.51	1/2	1,865.39	1/2	2,240.27	1/2	2,615.15	1/2	2,990.03	1/2	3,364.91
3/4	42.86	3/4	377.32	3/4	749.60	3/4	1,123.46	3/4	1,498.32	3/4	1,873.20	3/4	2,248.08	3/4	2,622.96	3/4	2,997.84	3/4	3,372.72
1	47.57	1	384.88	1	757.41	1	1,131.25	1	1,506.13	1	1,881.01	1	2,255.89	1	2,630.77	1	3,005.65	1	3,380.53
1/4	53.34	1/4	392.44	1/4	765.20	1/4	1,139.06	1/4	1,513.94	1/4	1,888.82	1/4	2,263.70	1/4	2,638.58	1/4	3,013.46	1/4	3,388.34
1/2	59.11	1/2	400.00	1/2	772.98	1/2	1,146.87	1/2	1,521.75	1/2	1,896.63	1/2	2,271.51	1/2	2,646.39	1/2	3,021.27	1/2	3,396.15
3/4	64.87	3/4	407.56	3/4	780.77	3/4	1,154.68	3/4	1,529.56	3/4	1,904.44	3/4	2,279.32	3/4	2,654.20	3/4	3,029.08	3/4	3,403.96
2	70.64	2	415.12	2	788.56	2	1,162.49	2	1,537.37	2	1,912.25	2	2,287.13	2	2,662.01	2	3,036.89	2	3,411.77
1/4	77.31	1/4	422.72	1/4	796.35	1/4	1,170.30	1/4	1,545.18	1/4	1,920.06	1/4	2,294.94	1/4	2,669.82	1/4	3,044.70	1/4	3,419.58
1/2	83.98	1/2	430.33	1/2	804.13	1/2	1,178.11	1/2	1,552.99	1/2	1,927.87	1/2	2,302.75	1/2	2,677.63	1/2	3,052.51	1/2	3,427.39
3/4	90.64	3/4	437.93	3/4	811.92	3/4	1,185.92	3/4	1,560.80	3/4	1,935.68	3/4	2,310.56	3/4	2,685.44	3/4	3,060.32	3/4	3,435.20
3	97.31	3	445.53	3	819.71	3	1,193.73	3	1,568.61	3	1,943.49	3	2,318.37	3	2,693.25	3	3,068.13	3	3,443.01
1/4	104.23	1/4	453.27	1/4	827.50	1/4	1,201.54	1/4	1,576.42	1/4	1,951.30	1/4	2,326.18	1/4	2,701.06	1/4	3,075.94	1/4	3,450.82
1/2	111.15	1/2	461.01	1/2	835.28	1/2	1,209.35	1/2	1,584.23	1/2	1,959.11	1/2	2,333.99	1/2	2,708.87	1/2	3,083.75	1/2	3,458.63
3/4	118.06	3/4	468.75	3/4	843.07	3/4	1,217.16	3/4	1,592.04	3/4	1,966.92	3/4	2,341.80	3/4	2,716.68	3/4	3,091.56	3/4	3,466.44
4	124.98	4	476.49	4	850.86	4	1,224.97	4	1,599.85	4	1,974.73	4	2,349.61	4	2,724.49	4	3,099.37	4	3,474.25
1/4	131.90	1/4	484.25	1/4	858.65	1/4	1,232.78	1/4	1,607.66	1/4	1,982.54	1/4	2,357.42	1/4	2,732.30	1/4	3,107.18	1/4	3,482.06
1/2	138.81	1/2	492.00	1/2	866.44	1/2	1,240.59	1/2	1,615.47	1/2	1,990.35	1/2	2,365.23	1/2	2,740.11	1/2	3,114.99	1/2	3,489.87
3/4	145.73	3/4	499.76	3/4	874.23	3/4	1,248.40	3/4	1,623.28	3/4	1,998.16	3/4	2,373.04	3/4	2,747.92	3/4	3,122.80	3/4	3,497.68
5	152.64	5	507.51	5	882.02	5	1,256.21	5	1,631.09	5	2,005.97	5	2,380.85	5	2,755.73	5	3,130.61	5	3,505.49
1/4	159.61	1/4	515.32	1/4	889.81	1/4	1,264.02	1/4	1,638.90	1/4	2,013.78	1/4	2,388.66	1/4	2,763.54	1/4	3,138.42	1/4	3,513.30
1/2	166.58	1/2	523.13	1/2	897.59	1/2	1,271.83	1/2	1,646.71	1/2	2,021.59	1/2	2,396.47	1/2	2,771.35	1/2	3,146.23	1/2	3,521.11
3/4	173.55	3/4	530.94	3/4	905.38	3/4	1,279.64	3/4	1,654.52	3/4	2,029.40	3/4	2,404.28	3/4	2,779.16	3/4	3,154.04	3/4	3,528.92
6	180.52	6	538.75	6	913.17	6	1,287.45	6	1,662.33	6	2,037.21	6	2,412.09	6	2,786.97	6	3,161.85	6	3,536.73
1/4	187.65	1/4	546.56	1/4	920.96	1/4	1,295.26	1/4	1,670.14	1/4	2,045.02	1/4	2,419.90	1/4	2,794.78	1/4	3,169.66	1/4	3,544.54
1/2	194.78	1/2	554.37	1/2	928.74	1/2	1,303.07	1/2	1,677.95	1/2	2,052.83	1/2	2,427.71	1/2	2,802.59	1/2	3,177.47	1/2	3,552.35
3/4	201.91	3/4	562.18	3/4	936.53	3/4	1,310.88	3/4	1,685.76	3/4	2,060.64	3/4	2,435.52	3/4	2,810.40	3/4	3,185.28	3/4	3,560.16
7	209.04	7	569.99	7	944.32	7	1,318.69	7	1,693.57	7	2,068.45	7	2,443.33	7	2,818.21	7	3,193.09	7	3,567.97
1/4	216.17	1/4	577.80	1/4	952.11	1/4	1,326.50	1/4	1,701.38	1/4	2,076.26	1/4	2,451.14	1/4	2,826.02	1/4	3,200.90	1/4	3,575.78
1/2	223.30	1/2	585.61	1/2	959.89	1/2	1,334.31	1/2	1,709.19	1/2	2,084.07	1/2	2,458.95	1/2	2,833.83	1/2	3,208.71	1/2	3,583.59
3/4	230.43	3/4	593.42	3/4	967.68	3/4	1,342.12	3/4	1,717.00	3/4	2,091.88	3/4	2,466.76	3/4	2,841.64	3/4	3,216.52	3/4	3,591.40
8	237.56	8	601.23	8	975.47	8	1,349.93	8	1,724.81	8	2,099.69	8	2,474.57	8	2,849.45	8	3,224.33	8	3,599.21
1/4	244.74	1/4	609.04	1/4	983.26	1/4	1,357.74	1/4	1,732.62	1/4	2,107.50	1/4	2,482.38	1/4	2,857.26	1/4	3,232.14	1/4	3,607.02
1/2	251.93	1/2	616.85	1/2	991.04	1/2	1,365.55	1/2	1,740.43	1/2	2,115.31	1/2	2,490.19	1/2	2,865.07	1/2	3,239.95	1/2	3,614.83
3/4	259.11	3/4	624.66	3/4	998.83	3/4	1,373.36	3/4	1,748.24	3/4	2,123.12	3/4	2,498.00	3/4	2,872.88	3/4	3,247.76	3/4	3,622.64
9	266.29	9	632.47	9	1,006.62	9	1,381.17	9	1,756.05	9	2,130.93	9	2,505.81	9	2,880.69	9	3,255.57	9	3,630.45
1/4	273.64	1/4	640.28	1/4	1,014.41	1/4	1,388.98	1/4	1,763.86	1/4	2,138.74	1/4	2,513.62	1/4	2,888.50	1/4	3,263.38	1/4	3,638.26
1/2	280.98	1/2	648.09	1/2	1,022.20	1/2	1,396.79	1/2	1,771.67	1/2	2,146.55	1/2	2,521.43	1/2	2,896.31	1/2	3,271.19	1/2	3,646.07
3/4	288.33	3/4	655.90	3/4	1,029.99	3/4	1,404.60	3/4	1,779.48	3/4	2,154.36	3/4	2,529.24	3/4	2,904.12	3/4	3,279.00	3/4	3,653.88
10	295.67	10	663.71	10	1,037.78	10	1,412.41	10	1,787.29	10	2,162.17	10	2,537.05	10	2,911.93	10	3,286.81	10	3,661.69
1/4	303.01	1/4	671.52	1/4	1,045.57	1/4	1,420.22	1/4	1,795.10	1/4	2,169.98	1/4	2,544.86	1/4	2,919.74	1/4	3,294.62	1/4	3,669.50
1/2	310.36	1/2	679.33	1/2	1,053.36	1/2	1,428.03	1/2	1,802.91	1/2	2,177.79	1/2	2,552.67	1/2	2,927.55	1/2	3,302.43	1/2	3,677.31
3/4	317.70	3/4	687.14	3/4	1,061.14	3/4	1,435.84	3/4	1,810.72	3/4	2,185.60	3/4	2,560.48	3/4	2,935.36	3/4	3,310.24	3/4	3,685.12
11	325.04	11	694.95	11	1,068.93	11	1,443.65	11	1,818.53	11	2,193.41	11	2,568.29	11	2,943.17	11	3,318.05	11	3,692.93
1/4	332.44	1/4	702.76	1/4	1,076.72	1/4	1,451.46	1/4	1,826.34	1/4	2,201.22	1/4	2,576.10	1/4	2,950.98	1/4	3,325.86	1/4	3,700.74
1/2	339.84	1/2	710.57	1/2	1,084.51	1/2	1,459.27	1/2	1,834.15	1/2	2,209.03	1/2	2,583.91	1/2	2,958.79	1/2	3,333.67	1/2	3,708.55
3/4	347.24	3/4	718.38	3/4	1,092.29	3/4	1,467.08	3/4	1,841.96	3/4	2,216.84	3/4	2,591.72	3/4	2,966.60	3/4	3,341.48	3/4	3,716.36

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
GAUGE POINT: RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK.

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BARGE "MMI 3024"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-04"

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	3,724.17	0	4,099.05	0	4,473.93	0	4,846.61	0	5,206.13	0		0		0		0		0	
1/4	3,731.98	1/4	4,106.86	1/4	4,481.74	1/4	4,854.23	1/4	5,212.73	1/4		1/4		1/4		1/4		1/4	
1/2	3,739.79	1/2	4,114.67	1/2	4,489.55	1/2	4,861.85	1/2	5,219.33	1/2		1/2		1/2		1/2		1/2	
3/4	3,747.60	3/4	4,122.48	3/4	4,497.36	3/4	4,869.46	3/4	5,225.93	3/4		3/4		3/4		3/4		3/4	
1	3,755.41	1	4,130.29	1	4,505.17	1	4,877.08	1	5,232.53	1		1		1		1		1	
1/4	3,763.22	1/4	4,138.10	1/4	4,512.98	1/4	4,884.70	1/4	5,237.71	1/4		1/4		1/4		1/4		1/4	
1/2	3,771.03	1/2	4,145.91	1/2	4,520.79	1/2	4,892.32	1/2	5,242.89	1/2		1/2		1/2		1/2		1/2	
3/4	3,778.84	3/4	4,153.72	3/4	4,528.60	3/4	4,899.93	3/4	5,248.07	3/4		3/4		3/4		3/4		3/4	
2	3,786.65	2	4,161.53	2	4,536.41	2	4,907.55	2	5,253.25	2		2		2		2		2	
1/4	3,794.46	1/4	4,169.34	1/4	4,544.22	1/4	4,915.13	1/4	5,256.97	1/4		1/4		1/4		1/4		1/4	
1/2	3,802.27	1/2	4,177.15	1/2	4,552.03	1/2	4,922.71	1/2	5,260.69	1/2		1/2		1/2		1/2		1/2	
3/4	3,810.08	3/4	4,184.96	3/4	4,559.84	3/4	4,930.29	3/4	5,264.41	3/4		3/4		3/4		3/4		3/4	
3	3,817.89	3	4,192.77	3	4,567.65	3	4,937.87	3	5,268.13	3		3		3		3		3	
1/4	3,825.70	1/4	4,200.58	1/4	4,575.46	1/4	4,945.41	1/4	5,270.39	1/4		1/4		1/4		1/4		1/4	
1/2	3,833.51	1/2	4,208.39	1/2	4,583.27	1/2	4,952.96	1/2	5,272.66	1/2		1/2		1/2		1/2		1/2	
3/4	3,841.32	3/4	4,216.20	3/4	4,591.08	3/4	4,960.50	3/4	5,274.92	3/4		3/4		3/4		3/4		3/4	
4	3,849.13	4	4,224.01	4	4,598.89	4	4,968.04	4	5,277.18	4		4		4		4		4	
1/4	3,856.94	1/4	4,231.82	1/4	4,606.70	1/4	4,975.58	1/4	5,278.02	1/4		1/4		1/4		1/4		1/4	
1/2	3,864.75	1/2	4,239.63	1/2	4,614.51	1/2	4,983.13	1/2	5,278.86	1/2		1/2		1/2		1/2		1/2	
3/4	3,872.56	3/4	4,247.44	3/4	4,622.32	3/4	4,990.67	3/4	5,279.70	3/4		3/4		3/4		3/4		3/4	
5	3,880.37	5	4,255.25	5	4,630.13	5	4,998.21	5	5,280.54	5		5		5		5		5	
1/4	3,888.18	1/4	4,263.06	1/4	4,637.92	1/4	5,005.71	1/4	5,280.61	1/4		1/4		1/4		1/4		1/4	
1/2	3,895.99	1/2	4,270.87	1/2	4,645.72	1/2	5,013.22	1/2	5,280.67	1/2		1/2		1/2		1/2		1/2	
3/4	3,903.80	3/4	4,278.68	3/4	4,653.51	3/4	5,020.72	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,911.61	6	4,286.49	6	4,661.30	6	5,028.22	6		6		6		6		6		6	
1/4	3,919.42	1/4	4,294.30	1/4	4,669.07	1/4	5,035.68	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,927.23	1/2	4,302.11	1/2	4,676.85	1/2	5,043.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,935.04	3/4	4,309.92	3/4	4,684.62	3/4	5,050.61	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,942.85	7	4,317.73	7	4,692.39	7	5,058.07	7		7		7		7		7		7	
1/4	3,950.66	1/4	4,325.54	1/4	4,700.16	1/4	5,065.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,958.47	1/2	4,333.35	1/2	4,707.93	1/2	5,073.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,966.28	3/4	4,341.16	3/4	4,715.70	3/4	5,080.47	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,974.09	8	4,348.97	8	4,723.47	8	5,087.93	8		8		8		8		8		8	
1/4	3,981.90	1/4	4,356.78	1/4	4,731.21	1/4	5,095.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,989.71	1/2	4,364.59	1/2	4,738.94	1/2	5,102.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,997.52	3/4	4,372.40	3/4	4,746.68	3/4	5,110.21	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,005.33	9	4,380.21	9	4,754.41	9	5,117.63	9		9		9		9		9		9	
1/4	4,013.14	1/4	4,388.02	1/4	4,762.11	1/4	5,125.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,020.95	1/2	4,395.83	1/2	4,769.80	1/2	5,132.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,028.76	3/4	4,403.64	3/4	4,777.50	3/4	5,139.80	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,036.57	10	4,411.45	10	4,785.19	10	5,147.19	10		10		10		10		10		10	
1/4	4,044.38	1/4	4,419.26	1/4	4,792.89	1/4	5,154.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,052.19	1/2	4,427.07	1/2	4,800.59	1/2	5,161.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,060.00	3/4	4,434.88	3/4	4,808.28	3/4	5,169.35	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,067.81	11	4,442.69	11	4,815.98	11	5,176.74	11		11		11		11		11		11	
1/4	4,075.62	1/4	4,450.50	1/4	4,823.64	1/4	5,184.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,083.43	1/2	4,458.31	1/2	4,831.30	1/2	5,191.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,091.24	3/4	4,466.12	3/4	4,838.95	3/4	5,198.78	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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Pearland, Texas 77588
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BARGE "MMI 3024"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-03 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	28.71	0	354.64	0	726.19	0	1,100.08	0	1,474.89	0	1,849.77	0	2,224.65	0	2,599.53	0	2,974.41	0	3,349.29
1/4	33.43	1/4	362.20	1/4	733.99	1/4	1,107.87	1/4	1,482.70	1/4	1,857.58	1/4	2,232.46	1/4	2,607.34	1/4	2,982.22	1/4	3,357.10
1/2	38.14	1/2	369.76	1/2	741.80	1/2	1,115.67	1/2	1,490.51	1/2	1,865.39	1/2	2,240.27	1/2	2,615.15	1/2	2,990.03	1/2	3,364.91
3/4	42.86	3/4	377.32	3/4	749.60	3/4	1,123.46	3/4	1,498.32	3/4	1,873.20	3/4	2,248.08	3/4	2,622.96	3/4	2,997.84	3/4	3,372.72
1	47.57	1	384.88	1	757.41	1	1,131.25	1	1,506.13	1	1,881.01	1	2,255.89	1	2,630.77	1	3,005.65	1	3,380.53
1/4	53.34	1/4	392.44	1/4	765.20	1/4	1,139.06	1/4	1,513.94	1/4	1,888.82	1/4	2,263.70	1/4	2,638.58	1/4	3,013.46	1/4	3,388.34
1/2	59.11	1/2	400.00	1/2	772.98	1/2	1,146.87	1/2	1,521.75	1/2	1,896.63	1/2	2,271.51	1/2	2,646.39	1/2	3,021.27	1/2	3,396.15
3/4	64.87	3/4	407.56	3/4	780.77	3/4	1,154.68	3/4	1,529.56	3/4	1,904.44	3/4	2,279.32	3/4	2,654.20	3/4	3,029.08	3/4	3,403.96
2	70.64	2	415.12	2	788.56	2	1,162.49	2	1,537.37	2	1,912.25	2	2,287.13	2	2,662.01	2	3,036.89	2	3,411.77
1/4	77.31	1/4	422.72	1/4	796.35	1/4	1,170.30	1/4	1,545.18	1/4	1,920.06	1/4	2,294.94	1/4	2,669.82	1/4	3,044.70	1/4	3,419.58
1/2	83.98	1/2	430.33	1/2	804.13	1/2	1,178.11	1/2	1,552.99	1/2	1,927.87	1/2	2,302.75	1/2	2,677.63	1/2	3,052.51	1/2	3,427.39
3/4	90.64	3/4	437.93	3/4	811.92	3/4	1,185.92	3/4	1,560.80	3/4	1,935.68	3/4	2,310.56	3/4	2,685.44	3/4	3,060.32	3/4	3,435.20
3	97.31	3	445.53	3	819.71	3	1,193.73	3	1,568.61	3	1,943.49	3	2,318.37	3	2,693.25	3	3,068.13	3	3,443.01
1/4	104.23	1/4	453.27	1/4	827.50	1/4	1,201.54	1/4	1,576.42	1/4	1,951.30	1/4	2,326.18	1/4	2,701.06	1/4	3,075.94	1/4	3,450.82
1/2	111.15	1/2	461.01	1/2	835.28	1/2	1,209.35	1/2	1,584.23	1/2	1,959.11	1/2	2,333.99	1/2	2,708.87	1/2	3,083.75	1/2	3,458.63
3/4	118.06	3/4	468.75	3/4	843.07	3/4	1,217.16	3/4	1,592.04	3/4	1,966.92	3/4	2,341.80	3/4	2,716.68	3/4	3,091.56	3/4	3,466.44
4	124.98	4	476.49	4	850.86	4	1,224.97	4	1,599.85	4	1,974.73	4	2,349.61	4	2,724.49	4	3,099.37	4	3,474.25
1/4	131.90	1/4	484.25	1/4	858.65	1/4	1,232.78	1/4	1,607.66	1/4	1,982.54	1/4	2,357.42	1/4	2,732.30	1/4	3,107.18	1/4	3,482.06
1/2	138.81	1/2	492.00	1/2	866.44	1/2	1,240.59	1/2	1,615.47	1/2	1,990.35	1/2	2,365.23	1/2	2,740.11	1/2	3,114.99	1/2	3,489.87
3/4	145.73	3/4	499.76	3/4	874.23	3/4	1,248.40	3/4	1,623.28	3/4	1,998.16	3/4	2,373.04	3/4	2,747.92	3/4	3,122.80	3/4	3,497.68
5	152.64	5	507.51	5	882.02	5	1,256.21	5	1,631.09	5	2,005.97	5	2,380.85	5	2,755.73	5	3,130.61	5	3,505.49
1/4	159.61	1/4	515.32	1/4	889.81	1/4	1,264.02	1/4	1,638.90	1/4	2,013.78	1/4	2,388.66	1/4	2,763.54	1/4	3,138.42	1/4	3,513.30
1/2	166.58	1/2	523.13	1/2	897.59	1/2	1,271.83	1/2	1,646.71	1/2	2,021.59	1/2	2,396.47	1/2	2,771.35	1/2	3,146.23	1/2	3,521.11
3/4	173.55	3/4	530.94	3/4	905.38	3/4	1,279.64	3/4	1,654.52	3/4	2,029.40	3/4	2,404.28	3/4	2,779.16	3/4	3,154.04	3/4	3,528.92
6	180.52	6	538.75	6	913.17	6	1,287.45	6	1,662.33	6	2,037.21	6	2,412.09	6	2,786.97	6	3,161.85	6	3,536.73
1/4	187.65	1/4	546.56	1/4	920.96	1/4	1,295.26	1/4	1,670.14	1/4	2,045.02	1/4	2,419.90	1/4	2,794.78	1/4	3,169.66	1/4	3,544.54
1/2	194.78	1/2	554.37	1/2	928.74	1/2	1,303.07	1/2	1,677.95	1/2	2,052.83	1/2	2,427.71	1/2	2,802.59	1/2	3,177.47	1/2	3,552.35
3/4	201.91	3/4	562.18	3/4	936.53	3/4	1,310.88	3/4	1,685.76	3/4	2,060.64	3/4	2,435.52	3/4	2,810.40	3/4	3,185.28	3/4	3,560.16
7	209.04	7	569.99	7	944.32	7	1,318.69	7	1,693.57	7	2,068.45	7	2,443.33	7	2,818.21	7	3,193.09	7	3,567.97
1/4	216.17	1/4	577.80	1/4	952.11	1/4	1,326.50	1/4	1,701.38	1/4	2,076.26	1/4	2,451.14	1/4	2,826.02	1/4	3,200.90	1/4	3,575.78
1/2	223.30	1/2	585.61	1/2	959.89	1/2	1,334.31	1/2	1,709.19	1/2	2,084.07	1/2	2,458.95	1/2	2,833.83	1/2	3,208.71	1/2	3,583.59
3/4	230.43	3/4	593.42	3/4	967.68	3/4	1,342.12	3/4	1,717.00	3/4	2,091.88	3/4	2,466.76	3/4	2,841.64	3/4	3,216.52	3/4	3,591.40
8	237.56	8	601.23	8	975.47	8	1,349.93	8	1,724.81	8	2,099.69	8	2,474.57	8	2,849.45	8	3,224.33	8	3,599.21
1/4	244.74	1/4	609.04	1/4	983.26	1/4	1,357.74	1/4	1,732.62	1/4	2,107.50	1/4	2,482.38	1/4	2,857.26	1/4	3,232.14	1/4	3,607.02
1/2	251.93	1/2	616.85	1/2	991.04	1/2	1,365.55	1/2	1,740.43	1/2	2,115.31	1/2	2,490.19	1/2	2,865.07	1/2	3,239.95	1/2	3,614.83
3/4	259.11	3/4	624.66	3/4	998.83	3/4	1,373.36	3/4	1,748.24	3/4	2,123.12	3/4	2,498.00	3/4	2,872.88	3/4	3,247.76	3/4	3,622.64
9	266.29	9	632.47	9	1,006.62	9	1,381.17	9	1,756.05	9	2,130.93	9	2,505.81	9	2,880.69	9	3,255.57	9	3,630.45
1/4	273.64	1/4	640.28	1/4	1,014.41	1/4	1,388.98	1/4	1,763.86	1/4	2,138.74	1/4	2,513.62	1/4	2,888.50	1/4	3,263.38	1/4	3,638.26
1/2	280.98	1/2	648.09	1/2	1,022.20	1/2	1,396.79	1/2	1,771.67	1/2	2,146.55	1/2	2,521.43	1/2	2,896.31	1/2	3,271.19	1/2	3,646.07
3/4	288.33	3/4	655.90	3/4	1,029.99	3/4	1,404.60	3/4	1,779.48	3/4	2,154.36	3/4	2,529.24	3/4	2,904.12	3/4	3,279.00	3/4	3,653.88
10	295.67	10	663.71	10	1,037.78	10	1,412.41	10	1,787.29	10	2,162.17	10	2,537.05	10	2,911.93	10	3,286.81	10	3,661.69
1/4	303.01	1/4	671.52	1/4	1,045.57	1/4	1,420.22	1/4	1,795.10	1/4	2,169.98	1/4	2,544.86	1/4	2,919.74	1/4	3,294.62	1/4	3,669.50
1/2	310.36	1/2	679.33	1/2	1,053.36	1/2	1,428.03	1/2	1,802.91	1/2	2,177.79	1/2	2,552.67	1/2	2,927.55	1/2	3,302.43	1/2	3,677.31
3/4	317.70	3/4	687.14	3/4	1,061.14	3/4	1,435.84	3/4	1,810.72	3/4	2,185.60	3/4	2,560.48	3/4	2,935.36	3/4	3,310.24	3/4	3,685.12
11	325.04	11	694.95	11	1,068.93	11	1,443.65	11	1,818.53	11	2,193.41	11	2,568.29	11	2,943.17	11	3,318.05	11	3,692.93
1/4	332.44	1/4	702.76	1/4	1,076.72	1/4	1,451.46	1/4	1,826.34	1/4	2,201.22	1/4	2,576.10	1/4	2,950.98	1/4	3,325.86	1/4	3,700.74
1/2	339.84	1/2	710.57	1/2	1,084.51	1/2	1,459.27	1/2	1,834.15	1/2	2,209.03	1/2	2,583.91	1/2	2,958.79	1/2	3,333.67	1/2	3,708.55
3/4	347.24	3/4	718.38	3/4	1,092.29	3/4	1,467.08	3/4	1,841.96	3/4	2,216.84	3/4	2,591.72	3/4	2,966.60	3/4	3,341.48	3/4	3,716.36

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
GAUGE POINT: RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK.

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



BARGE "MMI 3024"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-03 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	3,724.17	0	4,099.05	0	4,473.93	0	4,846.61	0	5,206.13	0		0		0		0		0	
1/4	3,731.98	1/4	4,106.86	1/4	4,481.74	1/4	4,854.23	1/4	5,212.73	1/4		1/4		1/4		1/4		1/4	
1/2	3,739.79	1/2	4,114.67	1/2	4,489.55	1/2	4,861.85	1/2	5,219.33	1/2		1/2		1/2		1/2		1/2	
3/4	3,747.60	3/4	4,122.48	3/4	4,497.36	3/4	4,869.46	3/4	5,225.93	3/4		3/4		3/4		3/4		3/4	
1	3,755.41	1	4,130.29	1	4,505.17	1	4,877.08	1	5,232.53	1		1		1		1		1	
1/4	3,763.22	1/4	4,138.10	1/4	4,512.98	1/4	4,884.70	1/4	5,237.71	1/4		1/4		1/4		1/4		1/4	
1/2	3,771.03	1/2	4,145.91	1/2	4,520.79	1/2	4,892.32	1/2	5,242.89	1/2		1/2		1/2		1/2		1/2	
3/4	3,778.84	3/4	4,153.72	3/4	4,528.60	3/4	4,899.93	3/4	5,248.07	3/4		3/4		3/4		3/4		3/4	
2	3,786.65	2	4,161.53	2	4,536.41	2	4,907.55	2	5,253.25	2		2		2		2		2	
1/4	3,794.46	1/4	4,169.34	1/4	4,544.22	1/4	4,915.13	1/4	5,256.97	1/4		1/4		1/4		1/4		1/4	
1/2	3,802.27	1/2	4,177.15	1/2	4,552.03	1/2	4,922.71	1/2	5,260.69	1/2		1/2		1/2		1/2		1/2	
3/4	3,810.08	3/4	4,184.96	3/4	4,559.84	3/4	4,930.29	3/4	5,264.41	3/4		3/4		3/4		3/4		3/4	
3	3,817.89	3	4,192.77	3	4,567.65	3	4,937.87	3	5,268.13	3		3		3		3		3	
1/4	3,825.70	1/4	4,200.58	1/4	4,575.46	1/4	4,945.41	1/4	5,270.39	1/4		1/4		1/4		1/4		1/4	
1/2	3,833.51	1/2	4,208.39	1/2	4,583.27	1/2	4,952.96	1/2	5,272.66	1/2		1/2		1/2		1/2		1/2	
3/4	3,841.32	3/4	4,216.20	3/4	4,591.08	3/4	4,960.50	3/4	5,274.92	3/4		3/4		3/4		3/4		3/4	
4	3,849.13	4	4,224.01	4	4,598.89	4	4,968.04	4	5,277.18	4		4		4		4		4	
1/4	3,856.94	1/4	4,231.82	1/4	4,606.70	1/4	4,975.58	1/4	5,278.02	1/4		1/4		1/4		1/4		1/4	
1/2	3,864.75	1/2	4,239.63	1/2	4,614.51	1/2	4,983.13	1/2	5,278.86	1/2		1/2		1/2		1/2		1/2	
3/4	3,872.56	3/4	4,247.44	3/4	4,622.32	3/4	4,990.67	3/4	5,279.70	3/4		3/4		3/4		3/4		3/4	
5	3,880.37	5	4,255.25	5	4,630.13	5	4,998.21	5	5,280.54	5		5		5		5		5	
1/4	3,888.18	1/4	4,263.06	1/4	4,637.92	1/4	5,005.71	1/4	5,280.61	1/4		1/4		1/4		1/4		1/4	
1/2	3,895.99	1/2	4,270.87	1/2	4,645.72	1/2	5,013.22	1/2	5,280.67	1/2		1/2		1/2		1/2		1/2	
3/4	3,903.80	3/4	4,278.68	3/4	4,653.51	3/4	5,020.72	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,911.61	6	4,286.49	6	4,661.30	6	5,028.22	6		6		6		6		6		6	
1/4	3,919.42	1/4	4,294.30	1/4	4,669.07	1/4	5,035.68	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,927.23	1/2	4,302.11	1/2	4,676.85	1/2	5,043.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,935.04	3/4	4,309.92	3/4	4,684.62	3/4	5,050.61	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,942.85	7	4,317.73	7	4,692.39	7	5,058.07	7		7		7		7		7		7	
1/4	3,950.66	1/4	4,325.54	1/4	4,700.16	1/4	5,065.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,958.47	1/2	4,333.35	1/2	4,707.93	1/2	5,073.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,966.28	3/4	4,341.16	3/4	4,715.70	3/4	5,080.47	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,974.09	8	4,348.97	8	4,723.47	8	5,087.93	8		8		8		8		8		8	
1/4	3,981.90	1/4	4,356.78	1/4	4,731.21	1/4	5,095.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,989.71	1/2	4,364.59	1/2	4,738.94	1/2	5,102.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,997.52	3/4	4,372.40	3/4	4,746.68	3/4	5,110.21	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,005.33	9	4,380.21	9	4,754.41	9	5,117.63	9		9		9		9		9		9	
1/4	4,013.14	1/4	4,388.02	1/4	4,762.11	1/4	5,125.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,020.95	1/2	4,395.83	1/2	4,769.80	1/2	5,132.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,028.76	3/4	4,403.64	3/4	4,777.50	3/4	5,139.80	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,036.57	10	4,411.45	10	4,785.19	10	5,147.19	10		10		10		10		10		10	
1/4	4,044.38	1/4	4,419.26	1/4	4,792.89	1/4	5,154.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,052.19	1/2	4,427.07	1/2	4,800.59	1/2	5,161.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,060.00	3/4	4,434.88	3/4	4,808.28	3/4	5,169.35	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,067.81	11	4,442.69	11	4,815.98	11	5,176.74	11		11		11		11		11		11	
1/4	4,075.62	1/4	4,450.50	1/4	4,823.64	1/4	5,184.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,083.43	1/2	4,458.31	1/2	4,831.30	1/2	5,191.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,091.24	3/4	4,466.12	3/4	4,838.95	3/4	5,198.78	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 08/17/2000 INSP
REPRINTED: 08/23/2018

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2018

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "MMI 3024"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-04"

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	24.80	0	368.30	0	729.26	0	1,089.25	0	1,450.12	0	1,811.08	0	2,172.04	0	2,533.00	0	2,893.96	0	3,254.92
1/4	29.56	1/4	375.82	1/4	736.78	1/4	1,096.75	1/4	1,457.64	1/4	1,818.60	1/4	2,179.56	1/4	2,540.52	1/4	2,901.48	1/4	3,262.44
1/2	34.32	1/2	383.34	1/2	744.30	1/2	1,104.25	1/2	1,465.16	1/2	1,826.12	1/2	2,187.08	1/2	2,548.04	1/2	2,909.00	1/2	3,269.96
3/4	39.08	3/4	390.86	3/4	751.82	3/4	1,111.74	3/4	1,472.68	3/4	1,833.64	3/4	2,194.60	3/4	2,555.56	3/4	2,916.52	3/4	3,277.48
1	43.84	1	398.38	1	759.34	1	1,119.24	1	1,480.20	1	1,841.16	1	2,202.12	1	2,563.08	1	2,924.04	1	3,285.00
1/4	49.97	1/4	405.90	1/4	766.84	1/4	1,126.76	1/4	1,487.72	1/4	1,848.68	1/4	2,209.64	1/4	2,570.60	1/4	2,931.56	1/4	3,292.52
1/2	56.10	1/2	413.42	1/2	774.33	1/2	1,134.28	1/2	1,495.24	1/2	1,856.20	1/2	2,217.16	1/2	2,578.12	1/2	2,939.08	1/2	3,300.04
3/4	62.23	3/4	420.94	3/4	781.83	3/4	1,141.80	3/4	1,502.76	3/4	1,863.72	3/4	2,224.68	3/4	2,585.64	3/4	2,946.60	3/4	3,307.56
2	68.36	2	428.46	2	789.33	2	1,149.32	2	1,510.28	2	1,871.24	2	2,232.20	2	2,593.16	2	2,954.12	2	3,315.08
1/4	75.69	1/4	435.98	1/4	796.83	1/4	1,156.84	1/4	1,517.80	1/4	1,878.76	1/4	2,239.72	1/4	2,600.68	1/4	2,961.64	1/4	3,322.60
1/2	83.02	1/2	443.50	1/2	804.32	1/2	1,164.36	1/2	1,525.32	1/2	1,886.28	1/2	2,247.24	1/2	2,608.20	1/2	2,969.16	1/2	3,330.12
3/4	90.34	3/4	451.02	3/4	811.82	3/4	1,171.88	3/4	1,532.84	3/4	1,893.80	3/4	2,254.76	3/4	2,615.72	3/4	2,976.68	3/4	3,337.64
3	97.67	3	458.54	3	819.32	3	1,179.40	3	1,540.36	3	1,901.32	3	2,262.28	3	2,623.24	3	2,984.20	3	3,345.16
1/4	105.17	1/4	466.06	1/4	826.82	1/4	1,186.92	1/4	1,547.88	1/4	1,908.84	1/4	2,269.80	1/4	2,630.76	1/4	2,991.72	1/4	3,352.68
1/2	112.67	1/2	473.58	1/2	834.32	1/2	1,194.44	1/2	1,555.40	1/2	1,916.36	1/2	2,277.32	1/2	2,638.28	1/2	2,999.24	1/2	3,360.20
3/4	120.16	3/4	481.10	3/4	841.82	3/4	1,201.96	3/4	1,562.92	3/4	1,923.88	3/4	2,284.84	3/4	2,645.80	3/4	3,006.76	3/4	3,367.72
4	127.66	4	488.62	4	849.32	4	1,209.48	4	1,570.44	4	1,931.40	4	2,292.36	4	2,653.32	4	3,014.28	4	3,375.24
1/4	135.18	1/4	496.14	1/4	856.82	1/4	1,217.00	1/4	1,577.96	1/4	1,938.92	1/4	2,299.88	1/4	2,660.84	1/4	3,021.80	1/4	3,382.76
1/2	142.70	1/2	503.66	1/2	864.31	1/2	1,224.52	1/2	1,585.48	1/2	1,946.44	1/2	2,307.40	1/2	2,668.36	1/2	3,029.32	1/2	3,390.28
3/4	150.22	3/4	511.18	3/4	871.81	3/4	1,232.04	3/4	1,593.00	3/4	1,953.96	3/4	2,314.92	3/4	2,675.88	3/4	3,036.84	3/4	3,397.80
5	157.74	5	518.70	5	879.31	5	1,239.56	5	1,600.52	5	1,961.48	5	2,322.44	5	2,683.40	5	3,044.36	5	3,405.32
1/4	165.26	1/4	526.22	1/4	886.81	1/4	1,247.08	1/4	1,608.04	1/4	1,969.00	1/4	2,329.96	1/4	2,690.92	1/4	3,051.88	1/4	3,412.84
1/2	172.78	1/2	533.74	1/2	894.30	1/2	1,254.60	1/2	1,615.56	1/2	1,976.52	1/2	2,337.48	1/2	2,698.44	1/2	3,059.40	1/2	3,420.36
3/4	180.30	3/4	541.26	3/4	901.80	3/4	1,262.12	3/4	1,623.08	3/4	1,984.04	3/4	2,345.00	3/4	2,705.96	3/4	3,066.92	3/4	3,427.88
6	187.82	6	548.78	6	909.30	6	1,269.64	6	1,630.60	6	1,991.56	6	2,352.52	6	2,713.48	6	3,074.44	6	3,435.40
1/4	195.34	1/4	556.30	1/4	916.80	1/4	1,277.16	1/4	1,638.12	1/4	1,999.08	1/4	2,360.04	1/4	2,721.00	1/4	3,081.96	1/4	3,442.92
1/2	202.86	1/2	563.82	1/2	924.29	1/2	1,284.68	1/2	1,645.64	1/2	2,006.60	1/2	2,367.56	1/2	2,728.52	1/2	3,089.48	1/2	3,450.44
3/4	210.38	3/4	571.34	3/4	931.79	3/4	1,292.20	3/4	1,653.16	3/4	2,014.12	3/4	2,375.08	3/4	2,736.04	3/4	3,097.00	3/4	3,457.96
7	217.90	7	578.86	7	939.29	7	1,299.72	7	1,660.68	7	2,021.64	7	2,382.60	7	2,743.56	7	3,104.52	7	3,465.48
1/4	225.42	1/4	586.38	1/4	946.79	1/4	1,307.24	1/4	1,668.20	1/4	2,029.16	1/4	2,390.12	1/4	2,751.08	1/4	3,112.04	1/4	3,473.00
1/2	232.94	1/2	593.90	1/2	954.28	1/2	1,314.76	1/2	1,675.72	1/2	2,036.68	1/2	2,397.64	1/2	2,758.60	1/2	3,119.56	1/2	3,480.52
3/4	240.46	3/4	601.42	3/4	961.78	3/4	1,322.28	3/4	1,683.24	3/4	2,044.20	3/4	2,405.16	3/4	2,766.12	3/4	3,127.08	3/4	3,488.04
8	247.98	8	608.94	8	969.28	8	1,329.80	8	1,690.76	8	2,051.72	8	2,412.68	8	2,773.64	8	3,134.60	8	3,495.56
1/4	255.50	1/4	616.46	1/4	976.77	1/4	1,337.32	1/4	1,698.28	1/4	2,059.24	1/4	2,420.20	1/4	2,781.16	1/4	3,142.12	1/4	3,503.08
1/2	263.02	1/2	623.98	1/2	984.27	1/2	1,344.84	1/2	1,705.80	1/2	2,066.76	1/2	2,427.72	1/2	2,788.68	1/2	3,149.64	1/2	3,510.60
3/4	270.54	3/4	631.50	3/4	991.76	3/4	1,352.36	3/4	1,713.32	3/4	2,074.28	3/4	2,435.24	3/4	2,796.20	3/4	3,157.16	3/4	3,518.12
9	278.06	9	639.02	9	999.26	9	1,359.88	9	1,720.84	9	2,081.80	9	2,442.76	9	2,803.72	9	3,164.68	9	3,525.64
1/4	285.58	1/4	646.54	1/4	1,006.76	1/4	1,367.40	1/4	1,728.36	1/4	2,089.32	1/4	2,450.28	1/4	2,811.24	1/4	3,172.20	1/4	3,533.16
1/2	293.10	1/2	654.06	1/2	1,014.26	1/2	1,374.92	1/2	1,735.88	1/2	2,096.84	1/2	2,457.80	1/2	2,818.76	1/2	3,179.72	1/2	3,540.68
3/4	300.62	3/4	661.58	3/4	1,021.77	3/4	1,382.44	3/4	1,743.40	3/4	2,104.36	3/4	2,465.32	3/4	2,826.28	3/4	3,187.24	3/4	3,548.20
10	308.14	10	669.10	10	1,029.27	10	1,389.96	10	1,750.92	10	2,111.88	10	2,472.84	10	2,833.80	10	3,194.76	10	3,555.72
1/4	315.66	1/4	676.62	1/4	1,036.77	1/4	1,397.48	1/4	1,758.44	1/4	2,119.40	1/4	2,480.36	1/4	2,841.32	1/4	3,202.28	1/4	3,563.24
1/2	323.18	1/2	684.14	1/2	1,044.27	1/2	1,405.00	1/2	1,765.96	1/2	2,126.92	1/2	2,487.88	1/2	2,848.84	1/2	3,209.80	1/2	3,570.76
3/4	330.70	3/4	691.66	3/4	1,051.76	3/4	1,412.52	3/4	1,773.48	3/4	2,134.44	3/4	2,495.40	3/4	2,856.36	3/4	3,217.32	3/4	3,578.28
11	338.22	11	699.18	11	1,059.26	11	1,420.04	11	1,781.00	11	2,141.96	11	2,502.92	11	2,863.88	11	3,224.84	11	3,585.80
1/4	345.74	1/4	706.70	1/4	1,066.76	1/4	1,427.56	1/4	1,788.52	1/4	2,149.48	1/4	2,510.44	1/4	2,871.40	1/4	3,232.36	1/4	3,593.32
1/2	353.26	1/2	714.22	1/2	1,074.26	1/2	1,435.08	1/2	1,796.04	1/2	2,157.00	1/2	2,517.96	1/2	2,878.92	1/2	3,239.88	1/2	3,600.84
3/4	360.78	3/4	721.74	3/4	1,081.75	3/4	1,442.60	3/4	1,803.56	3/4	2,164.52	3/4	2,525.48	3/4	2,886.44	3/4	3,247.40	3/4	3,608.36

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
GAUGE POINT: RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "MMI 3024"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-04"

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	3,615.88	0	3,976.84	0	4,337.80	0	4,696.75	0	5,042.71	0		0		0		0		0	
1/4	3,623.40	1/4	3,984.36	1/4	4,345.32	1/4	4,704.08	1/4	5,049.22	1/4		1/4		1/4		1/4		1/4	
1/2	3,630.92	1/2	3,991.88	1/2	4,352.84	1/2	4,711.41	1/2	5,055.74	1/2		1/2		1/2		1/2		1/2	
3/4	3,638.44	3/4	3,999.40	3/4	4,360.36	3/4	4,718.73	3/4	5,062.25	3/4		3/4		3/4		3/4		3/4	
1	3,645.96	1	4,006.92	1	4,367.88	1	4,726.06	1	5,068.76	1		1		1		1		1	
1/4	3,653.48	1/4	4,014.44	1/4	4,375.40	1/4	4,733.39	1/4	5,074.07	1/4		1/4		1/4		1/4		1/4	
1/2	3,661.00	1/2	4,021.96	1/2	4,382.92	1/2	4,740.72	1/2	5,079.39	1/2		1/2		1/2		1/2		1/2	
3/4	3,668.52	3/4	4,029.48	3/4	4,390.44	3/4	4,748.04	3/4	5,084.70	3/4		3/4		3/4		3/4		3/4	
2	3,676.04	2	4,037.00	2	4,397.96	2	4,755.37	2	5,090.01	2		2		2		2		2	
1/4	3,683.56	1/4	4,044.52	1/4	4,405.48	1/4	4,762.68	1/4	5,093.94	1/4		1/4		1/4		1/4		1/4	
1/2	3,691.08	1/2	4,052.04	1/2	4,413.00	1/2	4,769.99	1/2	5,097.87	1/2		1/2		1/2		1/2		1/2	
3/4	3,698.60	3/4	4,059.56	3/4	4,420.52	3/4	4,777.30	3/4	5,101.80	3/4		3/4		3/4		3/4		3/4	
3	3,706.12	3	4,067.08	3	4,428.04	3	4,784.61	3	5,105.73	3		3		3		3		3	
1/4	3,713.64	1/4	4,074.60	1/4	4,435.56	1/4	4,791.86	1/4	5,108.22	1/4		1/4		1/4		1/4		1/4	
1/2	3,721.16	1/2	4,082.12	1/2	4,443.08	1/2	4,799.12	1/2	5,110.72	1/2		1/2		1/2		1/2		1/2	
3/4	3,728.68	3/4	4,089.64	3/4	4,450.60	3/4	4,806.37	3/4	5,113.22	3/4		3/4		3/4		3/4		3/4	
4	3,736.20	4	4,097.16	4	4,458.12	4	4,813.62	4	5,115.72	4		4		4		4		4	
1/4	3,743.72	1/4	4,104.68	1/4	4,465.64	1/4	4,820.87	1/4	5,116.85	1/4		1/4		1/4		1/4		1/4	
1/2	3,751.24	1/2	4,112.20	1/2	4,473.16	1/2	4,828.12	1/2	5,117.99	1/2		1/2		1/2		1/2		1/2	
3/4	3,758.76	3/4	4,119.72	3/4	4,480.68	3/4	4,835.37	3/4	5,119.12	3/4		3/4		3/4		3/4		3/4	
5	3,766.28	5	4,127.24	5	4,488.20	5	4,842.62	5	5,120.25	5		5		5		5		5	
1/4	3,773.80	1/4	4,134.76	1/4	4,495.71	1/4	4,849.86	1/4	5,120.55	1/4		1/4		1/4		1/4		1/4	
1/2	3,781.32	1/2	4,142.28	1/2	4,503.23	1/2	4,857.09	1/2	5,120.84	1/2		1/2		1/2		1/2		1/2	
3/4	3,788.84	3/4	4,149.80	3/4	4,510.74	3/4	4,864.33	3/4	5,121.14	3/4		3/4		3/4		3/4		3/4	
6	3,796.36	6	4,157.32	6	4,518.25	6	4,871.56	6		6		6		6		6		6	
1/4	3,803.88	1/4	4,164.84	1/4	4,525.73	1/4	4,878.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,811.40	1/2	4,172.36	1/2	4,533.21	1/2	4,885.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,818.92	3/4	4,179.88	3/4	4,540.69	3/4	4,893.09	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,826.44	7	4,187.40	7	4,548.17	7	4,900.26	7		7		7		7		7		7	
1/4	3,833.96	1/4	4,194.92	1/4	4,555.65	1/4	4,907.44	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,841.48	1/2	4,202.44	1/2	4,563.14	1/2	4,914.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,849.00	3/4	4,209.96	3/4	4,570.62	3/4	4,921.79	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,856.52	8	4,217.48	8	4,578.10	8	4,928.96	8		8		8		8		8		8	
1/4	3,864.04	1/4	4,225.00	1/4	4,585.56	1/4	4,936.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,871.56	1/2	4,232.52	1/2	4,593.03	1/2	4,943.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,879.08	3/4	4,240.04	3/4	4,600.49	3/4	4,950.43	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,886.60	9	4,247.56	9	4,607.95	9	4,957.59	9		9		9		9		9		9	
1/4	3,894.12	1/4	4,255.08	1/4	4,615.36	1/4	4,964.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,901.64	1/2	4,262.60	1/2	4,622.77	1/2	4,971.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,909.16	3/4	4,270.12	3/4	4,630.17	3/4	4,978.89	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,916.68	10	4,277.64	10	4,637.58	10	4,985.99	10		10		10		10		10		10	
1/4	3,924.20	1/4	4,285.16	1/4	4,644.99	1/4	4,993.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,931.72	1/2	4,292.68	1/2	4,652.39	1/2	5,000.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,939.24	3/4	4,300.20	3/4	4,659.80	3/4	5,007.29	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,946.76	11	4,307.72	11	4,667.20	11	5,014.39	11		11		11		11		11		11	
1/4	3,954.28	1/4	4,315.24	1/4	4,674.59	1/4	5,021.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,961.80	1/2	4,322.76	1/2	4,681.98	1/2	5,028.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,969.32	3/4	4,330.28	3/4	4,689.36	3/4	5,035.63	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 08/17/2000 INSP
REPRINTED: 08/23/2018

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2018

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "MMI 3024"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-04 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	24.80	0	368.30	0	729.26	0	1,089.25	0	1,450.12	0	1,811.08	0	2,172.04	0	2,533.00	0	2,893.96	0	3,254.92
1/4	29.56	1/4	375.82	1/4	736.78	1/4	1,096.75	1/4	1,457.64	1/4	1,818.60	1/4	2,179.56	1/4	2,540.52	1/4	2,901.48	1/4	3,262.44
1/2	34.32	1/2	383.34	1/2	744.30	1/2	1,104.25	1/2	1,465.16	1/2	1,826.12	1/2	2,187.08	1/2	2,548.04	1/2	2,909.00	1/2	3,269.96
3/4	39.08	3/4	390.86	3/4	751.82	3/4	1,111.74	3/4	1,472.68	3/4	1,833.64	3/4	2,194.60	3/4	2,555.56	3/4	2,916.52	3/4	3,277.48
1	43.84	1	398.38	1	759.34	1	1,119.24	1	1,480.20	1	1,841.16	1	2,202.12	1	2,563.08	1	2,924.04	1	3,285.00
1/4	49.97	1/4	405.90	1/4	766.84	1/4	1,126.76	1/4	1,487.72	1/4	1,848.68	1/4	2,209.64	1/4	2,570.60	1/4	2,931.56	1/4	3,292.52
1/2	56.10	1/2	413.42	1/2	774.33	1/2	1,134.28	1/2	1,495.24	1/2	1,856.20	1/2	2,217.16	1/2	2,578.12	1/2	2,939.08	1/2	3,300.04
3/4	62.23	3/4	420.94	3/4	781.83	3/4	1,141.80	3/4	1,502.76	3/4	1,863.72	3/4	2,224.68	3/4	2,585.64	3/4	2,946.60	3/4	3,307.56
2	68.36	2	428.46	2	789.33	2	1,149.32	2	1,510.28	2	1,871.24	2	2,232.20	2	2,593.16	2	2,954.12	2	3,315.08
1/4	75.69	1/4	435.98	1/4	796.83	1/4	1,156.84	1/4	1,517.80	1/4	1,878.76	1/4	2,239.72	1/4	2,600.68	1/4	2,961.64	1/4	3,322.60
1/2	83.02	1/2	443.50	1/2	804.32	1/2	1,164.36	1/2	1,525.32	1/2	1,886.28	1/2	2,247.24	1/2	2,608.20	1/2	2,969.16	1/2	3,330.12
3/4	90.34	3/4	451.02	3/4	811.82	3/4	1,171.88	3/4	1,532.84	3/4	1,893.80	3/4	2,254.76	3/4	2,615.72	3/4	2,976.68	3/4	3,337.64
3	97.67	3	458.54	3	819.32	3	1,179.40	3	1,540.36	3	1,901.32	3	2,262.28	3	2,623.24	3	2,984.20	3	3,345.16
1/4	105.17	1/4	466.06	1/4	826.82	1/4	1,186.92	1/4	1,547.88	1/4	1,908.84	1/4	2,269.80	1/4	2,630.76	1/4	2,991.72	1/4	3,352.68
1/2	112.67	1/2	473.58	1/2	834.32	1/2	1,194.44	1/2	1,555.40	1/2	1,916.36	1/2	2,277.32	1/2	2,638.28	1/2	2,999.24	1/2	3,360.20
3/4	120.16	3/4	481.10	3/4	841.82	3/4	1,201.96	3/4	1,562.92	3/4	1,923.88	3/4	2,284.84	3/4	2,645.80	3/4	3,006.76	3/4	3,367.72
4	127.66	4	488.62	4	849.32	4	1,209.48	4	1,570.44	4	1,931.40	4	2,292.36	4	2,653.32	4	3,014.28	4	3,375.24
1/4	135.18	1/4	496.14	1/4	856.82	1/4	1,217.00	1/4	1,577.96	1/4	1,938.92	1/4	2,299.88	1/4	2,660.84	1/4	3,021.80	1/4	3,382.76
1/2	142.70	1/2	503.66	1/2	864.31	1/2	1,224.52	1/2	1,585.48	1/2	1,946.44	1/2	2,307.40	1/2	2,668.36	1/2	3,029.32	1/2	3,390.28
3/4	150.22	3/4	511.18	3/4	871.81	3/4	1,232.04	3/4	1,593.00	3/4	1,953.96	3/4	2,314.92	3/4	2,675.88	3/4	3,036.84	3/4	3,397.80
5	157.74	5	518.70	5	879.31	5	1,239.56	5	1,600.52	5	1,961.48	5	2,322.44	5	2,683.40	5	3,044.36	5	3,405.32
1/4	165.26	1/4	526.22	1/4	886.81	1/4	1,247.08	1/4	1,608.04	1/4	1,969.00	1/4	2,329.96	1/4	2,690.92	1/4	3,051.88	1/4	3,412.84
1/2	172.78	1/2	533.74	1/2	894.30	1/2	1,254.60	1/2	1,615.56	1/2	1,976.52	1/2	2,337.48	1/2	2,698.44	1/2	3,059.40	1/2	3,420.36
3/4	180.30	3/4	541.26	3/4	901.80	3/4	1,262.12	3/4	1,623.08	3/4	1,984.04	3/4	2,345.00	3/4	2,705.96	3/4	3,066.92	3/4	3,427.88
6	187.82	6	548.78	6	909.30	6	1,269.64	6	1,630.60	6	1,991.56	6	2,352.52	6	2,713.48	6	3,074.44	6	3,435.40
1/4	195.34	1/4	556.30	1/4	916.80	1/4	1,277.16	1/4	1,638.12	1/4	1,999.08	1/4	2,360.04	1/4	2,721.00	1/4	3,081.96	1/4	3,442.92
1/2	202.86	1/2	563.82	1/2	924.29	1/2	1,284.68	1/2	1,645.64	1/2	2,006.60	1/2	2,367.56	1/2	2,728.52	1/2	3,089.48	1/2	3,450.44
3/4	210.38	3/4	571.34	3/4	931.79	3/4	1,292.20	3/4	1,653.16	3/4	2,014.12	3/4	2,375.08	3/4	2,736.04	3/4	3,097.00	3/4	3,457.96
7	217.90	7	578.86	7	939.29	7	1,299.72	7	1,660.68	7	2,021.64	7	2,382.60	7	2,743.56	7	3,104.52	7	3,465.48
1/4	225.42	1/4	586.38	1/4	946.79	1/4	1,307.24	1/4	1,668.20	1/4	2,029.16	1/4	2,390.12	1/4	2,751.08	1/4	3,112.04	1/4	3,473.00
1/2	232.94	1/2	593.90	1/2	954.28	1/2	1,314.76	1/2	1,675.72	1/2	2,036.68	1/2	2,397.64	1/2	2,758.60	1/2	3,119.56	1/2	3,480.52
3/4	240.46	3/4	601.42	3/4	961.78	3/4	1,322.28	3/4	1,683.24	3/4	2,044.20	3/4	2,405.16	3/4	2,766.12	3/4	3,127.08	3/4	3,488.04
8	247.98	8	608.94	8	969.28	8	1,329.80	8	1,690.76	8	2,051.72	8	2,412.68	8	2,773.64	8	3,134.60	8	3,495.56
1/4	255.50	1/4	616.46	1/4	976.77	1/4	1,337.32	1/4	1,698.28	1/4	2,059.24	1/4	2,420.20	1/4	2,781.16	1/4	3,142.12	1/4	3,503.08
1/2	263.02	1/2	623.98	1/2	984.27	1/2	1,344.84	1/2	1,705.80	1/2	2,066.76	1/2	2,427.72	1/2	2,788.68	1/2	3,149.64	1/2	3,510.60
3/4	270.54	3/4	631.50	3/4	991.76	3/4	1,352.36	3/4	1,713.32	3/4	2,074.28	3/4	2,435.24	3/4	2,796.20	3/4	3,157.16	3/4	3,518.12
9	278.06	9	639.02	9	999.26	9	1,359.88	9	1,720.84	9	2,081.80	9	2,442.76	9	2,803.72	9	3,164.68	9	3,525.64
1/4	285.58	1/4	646.54	1/4	1,006.76	1/4	1,367.40	1/4	1,728.36	1/4	2,089.32	1/4	2,450.28	1/4	2,811.24	1/4	3,172.20	1/4	3,533.16
1/2	293.10	1/2	654.06	1/2	1,014.26	1/2	1,374.92	1/2	1,735.88	1/2	2,096.84	1/2	2,457.80	1/2	2,818.76	1/2	3,179.72	1/2	3,540.68
3/4	300.62	3/4	661.58	3/4	1,021.77	3/4	1,382.44	3/4	1,743.40	3/4	2,104.36	3/4	2,465.32	3/4	2,826.28	3/4	3,187.24	3/4	3,548.20
10	308.14	10	669.10	10	1,029.27	10	1,389.96	10	1,750.92	10	2,111.88	10	2,472.84	10	2,833.80	10	3,194.76	10	3,555.72
1/4	315.66	1/4	676.62	1/4	1,036.77	1/4	1,397.48	1/4	1,758.44	1/4	2,119.40	1/4	2,480.36	1/4	2,841.32	1/4	3,202.28	1/4	3,563.24
1/2	323.18	1/2	684.14	1/2	1,044.27	1/2	1,405.00	1/2	1,765.96	1/2	2,126.92	1/2	2,487.88	1/2	2,848.84	1/2	3,209.80	1/2	3,570.76
3/4	330.70	3/4	691.66	3/4	1,051.76	3/4	1,412.52	3/4	1,773.48	3/4	2,134.44	3/4	2,495.40	3/4	2,856.36	3/4	3,217.32	3/4	3,578.28
11	338.22	11	699.18	11	1,059.26	11	1,420.04	11	1,781.00	11	2,141.96	11	2,502.92	11	2,863.88	11	3,224.84	11	3,585.80
1/4	345.74	1/4	706.70	1/4	1,066.76	1/4	1,427.56	1/4	1,788.52	1/4	2,149.48	1/4	2,510.44	1/4	2,871.40	1/4	3,232.36	1/4	3,593.32
1/2	353.26	1/2	714.22	1/2	1,074.26	1/2	1,435.08	1/2	1,796.04	1/2	2,157.00	1/2	2,517.96	1/2	2,878.92	1/2	3,239.88	1/2	3,600.84
3/4	360.78	3/4	721.74	3/4	1,081.75	3/4	1,442.60	3/4	1,803.56	3/4	2,164.52	3/4	2,525.48	3/4	2,886.44	3/4	3,247.40	3/4	3,608.36

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
GAUGE POINT: RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK.

PRECISION MEASUREMENT
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BARGE "MMI 3024"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-04 1/4"

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	3,615.88	0	3,976.84	0	4,337.80	0	4,696.75	0	5,042.71	0		0		0		0		0	
1/4	3,623.40	1/4	3,984.36	1/4	4,345.32	1/4	4,704.08	1/4	5,049.22	1/4		1/4		1/4		1/4		1/4	
1/2	3,630.92	1/2	3,991.88	1/2	4,352.84	1/2	4,711.41	1/2	5,055.74	1/2		1/2		1/2		1/2		1/2	
3/4	3,638.44	3/4	3,999.40	3/4	4,360.36	3/4	4,718.73	3/4	5,062.25	3/4		3/4		3/4		3/4		3/4	
1	3,645.96	1	4,006.92	1	4,367.88	1	4,726.06	1	5,068.76	1		1		1		1		1	
1/4	3,653.48	1/4	4,014.44	1/4	4,375.40	1/4	4,733.39	1/4	5,074.07	1/4		1/4		1/4		1/4		1/4	
1/2	3,661.00	1/2	4,021.96	1/2	4,382.92	1/2	4,740.72	1/2	5,079.39	1/2		1/2		1/2		1/2		1/2	
3/4	3,668.52	3/4	4,029.48	3/4	4,390.44	3/4	4,748.04	3/4	5,084.70	3/4		3/4		3/4		3/4		3/4	
2	3,676.04	2	4,037.00	2	4,397.96	2	4,755.37	2	5,090.01	2		2		2		2		2	
1/4	3,683.56	1/4	4,044.52	1/4	4,405.48	1/4	4,762.68	1/4	5,093.94	1/4		1/4		1/4		1/4		1/4	
1/2	3,691.08	1/2	4,052.04	1/2	4,413.00	1/2	4,769.99	1/2	5,097.87	1/2		1/2		1/2		1/2		1/2	
3/4	3,698.60	3/4	4,059.56	3/4	4,420.52	3/4	4,777.30	3/4	5,101.80	3/4		3/4		3/4		3/4		3/4	
3	3,706.12	3	4,067.08	3	4,428.04	3	4,784.61	3	5,105.73	3		3		3		3		3	
1/4	3,713.64	1/4	4,074.60	1/4	4,435.56	1/4	4,791.86	1/4	5,108.22	1/4		1/4		1/4		1/4		1/4	
1/2	3,721.16	1/2	4,082.12	1/2	4,443.08	1/2	4,799.12	1/2	5,110.72	1/2		1/2		1/2		1/2		1/2	
3/4	3,728.68	3/4	4,089.64	3/4	4,450.60	3/4	4,806.37	3/4	5,113.22	3/4		3/4		3/4		3/4		3/4	
4	3,736.20	4	4,097.16	4	4,458.12	4	4,813.62	4	5,115.72	4		4		4		4		4	
1/4	3,743.72	1/4	4,104.68	1/4	4,465.64	1/4	4,820.87	1/4	5,116.85	1/4		1/4		1/4		1/4		1/4	
1/2	3,751.24	1/2	4,112.20	1/2	4,473.16	1/2	4,828.12	1/2	5,117.99	1/2		1/2		1/2		1/2		1/2	
3/4	3,758.76	3/4	4,119.72	3/4	4,480.68	3/4	4,835.37	3/4	5,119.12	3/4		3/4		3/4		3/4		3/4	
5	3,766.28	5	4,127.24	5	4,488.20	5	4,842.62	5	5,120.25	5		5		5		5		5	
1/4	3,773.80	1/4	4,134.76	1/4	4,495.71	1/4	4,849.86	1/4	5,120.55	1/4		1/4		1/4		1/4		1/4	
1/2	3,781.32	1/2	4,142.28	1/2	4,503.23	1/2	4,857.09	1/2	5,120.84	1/2		1/2		1/2		1/2		1/2	
3/4	3,788.84	3/4	4,149.80	3/4	4,510.74	3/4	4,864.33	3/4	5,121.14	3/4		3/4		3/4		3/4		3/4	
6	3,796.36	6	4,157.32	6	4,518.25	6	4,871.56	6		6		6		6		6		6	
1/4	3,803.88	1/4	4,164.84	1/4	4,525.73	1/4	4,878.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,811.40	1/2	4,172.36	1/2	4,533.21	1/2	4,885.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,818.92	3/4	4,179.88	3/4	4,540.69	3/4	4,893.09	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,826.44	7	4,187.40	7	4,548.17	7	4,900.26	7		7		7		7		7		7	
1/4	3,833.96	1/4	4,194.92	1/4	4,555.65	1/4	4,907.44	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,841.48	1/2	4,202.44	1/2	4,563.14	1/2	4,914.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,849.00	3/4	4,209.96	3/4	4,570.62	3/4	4,921.79	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,856.52	8	4,217.48	8	4,578.10	8	4,928.96	8		8		8		8		8		8	
1/4	3,864.04	1/4	4,225.00	1/4	4,585.56	1/4	4,936.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,871.56	1/2	4,232.52	1/2	4,593.03	1/2	4,943.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,879.08	3/4	4,240.04	3/4	4,600.49	3/4	4,950.43	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,886.60	9	4,247.56	9	4,607.95	9	4,957.59	9		9		9		9		9		9	
1/4	3,894.12	1/4	4,255.08	1/4	4,615.36	1/4	4,964.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,901.64	1/2	4,262.60	1/2	4,622.77	1/2	4,971.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,909.16	3/4	4,270.12	3/4	4,630.17	3/4	4,978.89	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,916.68	10	4,277.64	10	4,637.58	10	4,985.99	10		10		10		10		10		10	
1/4	3,924.20	1/4	4,285.16	1/4	4,644.99	1/4	4,993.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,931.72	1/2	4,292.68	1/2	4,652.39	1/2	5,000.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,939.24	3/4	4,300.20	3/4	4,659.80	3/4	5,007.29	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,946.76	11	4,307.72	11	4,667.20	11	5,014.39	11		11		11		11		11		11	
1/4	3,954.28	1/4	4,315.24	1/4	4,674.59	1/4	5,021.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,961.80	1/2	4,322.76	1/2	4,681.98	1/2	5,028.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,969.32	3/4	4,330.28	3/4	4,689.36	3/4	5,035.63	3/4		3/4		3/4		3/4		3/4		3/4	

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CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2018

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "MMI 3024"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-04"

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	30.50	0	387.73	0	760.11	0	1,131.50	0	1,503.82	0	1,876.21	0	2,248.59	0	2,620.97	0	2,993.36	0	3,365.74
1/4	35.77	1/4	395.49	1/4	767.86	1/4	1,139.24	1/4	1,511.58	1/4	1,883.97	1/4	2,256.35	1/4	2,628.73	1/4	3,001.12	1/4	3,373.50
1/2	41.03	1/2	403.25	1/2	775.62	1/2	1,146.99	1/2	1,519.34	1/2	1,891.72	1/2	2,264.11	1/2	2,636.49	1/2	3,008.88	1/2	3,381.26
3/4	46.30	3/4	411.00	3/4	783.37	3/4	1,154.73	3/4	1,527.09	3/4	1,899.48	3/4	2,271.86	3/4	2,644.25	3/4	3,016.63	3/4	3,389.01
1	51.56	1	418.76	1	791.12	1	1,162.47	1	1,534.85	1	1,907.24	1	2,279.62	1	2,652.01	1	3,024.39	1	3,396.77
1/4	58.15	1/4	426.52	1/4	798.86	1/4	1,170.23	1/4	1,542.61	1/4	1,915.00	1/4	2,287.38	1/4	2,659.77	1/4	3,032.15	1/4	3,404.53
1/2	64.74	1/2	434.28	1/2	806.59	1/2	1,177.99	1/2	1,550.37	1/2	1,922.75	1/2	2,295.14	1/2	2,667.53	1/2	3,039.91	1/2	3,412.29
3/4	71.32	3/4	442.03	3/4	814.33	3/4	1,185.74	3/4	1,558.13	3/4	1,930.51	3/4	2,302.89	3/4	2,675.28	3/4	3,047.66	3/4	3,420.05
2	77.91	2	449.79	2	822.06	2	1,193.50	2	1,565.89	2	1,938.27	2	2,310.65	2	2,683.04	2	3,055.42	2	3,427.81
1/4	85.56	1/4	457.55	1/4	829.80	1/4	1,201.26	1/4	1,573.65	1/4	1,946.03	1/4	2,318.41	1/4	2,690.80	1/4	3,063.18	1/4	3,435.57
1/2	93.21	1/2	465.31	1/2	837.54	1/2	1,209.02	1/2	1,581.41	1/2	1,953.78	1/2	2,326.17	1/2	2,698.56	1/2	3,070.94	1/2	3,443.33
3/4	100.85	3/4	473.06	3/4	845.27	3/4	1,216.77	3/4	1,589.16	3/4	1,961.54	3/4	2,333.93	3/4	2,706.31	3/4	3,078.69	3/4	3,451.08
3	108.50	3	480.82	3	853.01	3	1,224.53	3	1,596.92	3	1,969.30	3	2,341.69	3	2,714.07	3	3,086.45	3	3,458.84
1/4	116.24	1/4	488.58	1/4	860.75	1/4	1,232.29	1/4	1,604.68	1/4	1,977.06	1/4	2,349.45	1/4	2,721.83	1/4	3,094.21	1/4	3,466.60
1/2	123.99	1/2	496.34	1/2	868.48	1/2	1,240.05	1/2	1,612.44	1/2	1,984.81	1/2	2,357.21	1/2	2,729.59	1/2	3,101.97	1/2	3,474.36
3/4	131.73	3/4	504.09	3/4	876.22	3/4	1,247.81	3/4	1,620.19	3/4	1,992.57	3/4	2,364.96	3/4	2,737.34	3/4	3,109.73	3/4	3,482.11
4	139.47	4	511.85	4	883.95	4	1,255.57	4	1,627.95	4	2,000.33	4	2,372.72	4	2,745.10	4	3,117.49	4	3,489.87
1/4	147.23	1/4	519.61	1/4	891.69	1/4	1,263.33	1/4	1,635.71	1/4	2,008.09	1/4	2,380.48	1/4	2,752.86	1/4	3,125.25	1/4	3,497.63
1/2	154.99	1/2	527.37	1/2	899.43	1/2	1,271.09	1/2	1,643.47	1/2	2,015.85	1/2	2,388.24	1/2	2,760.62	1/2	3,133.01	1/2	3,505.39
3/4	162.74	3/4	535.13	3/4	907.16	3/4	1,278.84	3/4	1,651.22	3/4	2,023.61	3/4	2,395.99	3/4	2,768.37	3/4	3,140.76	3/4	3,513.14
5	170.50	5	542.89	5	914.90	5	1,286.60	5	1,658.98	5	2,031.37	5	2,403.75	5	2,776.13	5	3,148.52	5	3,520.90
1/4	178.26	1/4	550.65	1/4	922.64	1/4	1,294.36	1/4	1,666.74	1/4	2,039.13	1/4	2,411.51	1/4	2,783.89	1/4	3,156.28	1/4	3,528.66
1/2	186.02	1/2	558.41	1/2	930.37	1/2	1,302.12	1/2	1,674.50	1/2	2,046.88	1/2	2,419.27	1/2	2,791.65	1/2	3,164.04	1/2	3,536.42
3/4	193.77	3/4	566.16	3/4	938.11	3/4	1,309.87	3/4	1,682.25	3/4	2,054.64	3/4	2,427.02	3/4	2,799.41	3/4	3,171.79	3/4	3,544.17
6	201.53	6	573.92	6	945.84	6	1,317.63	6	1,690.01	6	2,062.40	6	2,434.78	6	2,807.17	6	3,179.55	6	3,551.93
1/4	209.29	1/4	581.68	1/4	953.58	1/4	1,325.39	1/4	1,697.77	1/4	2,070.16	1/4	2,442.54	1/4	2,814.93	1/4	3,187.31	1/4	3,559.69
1/2	217.05	1/2	589.44	1/2	961.31	1/2	1,333.15	1/2	1,705.53	1/2	2,077.91	1/2	2,450.30	1/2	2,822.69	1/2	3,195.07	1/2	3,567.45
3/4	224.81	3/4	597.19	3/4	969.05	3/4	1,340.90	3/4	1,713.29	3/4	2,085.67	3/4	2,458.05	3/4	2,830.44	3/4	3,202.82	3/4	3,575.21
7	232.57	7	604.95	7	976.78	7	1,348.66	7	1,721.05	7	2,093.43	7	2,465.81	7	2,838.20	7	3,210.58	7	3,582.97
1/4	240.33	1/4	612.71	1/4	984.52	1/4	1,356.42	1/4	1,728.81	1/4	2,101.19	1/4	2,473.57	1/4	2,845.96	1/4	3,218.34	1/4	3,590.73
1/2	248.09	1/2	620.47	1/2	992.26	1/2	1,364.18	1/2	1,736.57	1/2	2,108.95	1/2	2,481.33	1/2	2,853.72	1/2	3,226.10	1/2	3,598.49
3/4	255.84	3/4	628.22	3/4	999.99	3/4	1,371.93	3/4	1,744.32	3/4	2,116.70	3/4	2,489.09	3/4	2,861.47	3/4	3,233.85	3/4	3,606.24
8	263.60	8	635.98	8	1,007.73	8	1,379.69	8	1,752.08	8	2,124.46	8	2,496.85	8	2,869.23	8	3,241.61	8	3,614.00
1/4	271.36	1/4	643.74	1/4	1,015.47	1/4	1,387.45	1/4	1,759.84	1/4	2,132.22	1/4	2,504.61	1/4	2,876.99	1/4	3,249.37	1/4	3,621.76
1/2	279.12	1/2	651.50	1/2	1,023.20	1/2	1,395.21	1/2	1,767.60	1/2	2,139.98	1/2	2,512.37	1/2	2,884.75	1/2	3,257.13	1/2	3,629.52
3/4	286.87	3/4	659.25	3/4	1,030.94	3/4	1,402.97	3/4	1,775.35	3/4	2,147.73	3/4	2,520.12	3/4	2,892.50	3/4	3,264.89	3/4	3,637.27
9	294.63	9	667.01	9	1,038.67	9	1,410.73	9	1,783.11	9	2,155.49	9	2,527.88	9	2,900.26	9	3,272.65	9	3,645.03
1/4	302.39	1/4	674.77	1/4	1,046.41	1/4	1,418.49	1/4	1,790.87	1/4	2,163.25	1/4	2,535.64	1/4	2,908.02	1/4	3,280.41	1/4	3,652.64
1/2	310.15	1/2	682.53	1/2	1,054.15	1/2	1,426.25	1/2	1,798.63	1/2	2,171.01	1/2	2,543.40	1/2	2,915.78	1/2	3,288.17	1/2	3,660.25
3/4	317.90	3/4	690.29	3/4	1,061.88	3/4	1,434.00	3/4	1,806.38	3/4	2,178.77	3/4	2,551.15	3/4	2,923.53	3/4	3,295.92	3/4	3,667.85
10	325.66	10	698.05	10	1,069.62	10	1,441.76	10	1,814.14	10	2,186.53	10	2,558.91	10	2,931.29	10	3,303.68	10	3,675.46
1/4	333.42	1/4	705.81	1/4	1,077.36	1/4	1,449.52	1/4	1,821.90	1/4	2,194.29	1/4	2,566.67	1/4	2,939.05	1/4	3,311.44	1/4	3,682.71
1/2	341.18	1/2	713.57	1/2	1,085.09	1/2	1,457.28	1/2	1,829.66	1/2	2,202.05	1/2	2,574.43	1/2	2,946.81	1/2	3,319.20	1/2	3,689.97
3/4	348.93	3/4	721.32	3/4	1,092.83	3/4	1,465.03	3/4	1,837.41	3/4	2,209.80	3/4	2,582.18	3/4	2,954.57	3/4	3,326.95	3/4	3,697.22
11	356.69	11	729.08	11	1,100.56	11	1,472.79	11	1,845.17	11	2,217.56	11	2,589.94	11	2,962.33	11	3,334.71	11	3,704.47
1/4	364.45	1/4	736.84	1/4	1,108.30	1/4	1,480.55	1/4	1,852.93	1/4	2,225.32	1/4	2,597.70	1/4	2,970.09	1/4	3,342.47	1/4	3,711.32
1/2	372.21	1/2	744.60	1/2	1,116.03	1/2	1,488.31	1/2	1,860.69	1/2	2,233.08	1/2	2,605.46	1/2	2,977.85	1/2	3,350.23	1/2	3,718.16
3/4	379.97	3/4	752.35	3/4	1,123.77	3/4	1,496.06	3/4	1,868.45	3/4	2,240.83	3/4	2,613.21	3/4	2,985.60	3/4	3,357.98	3/4	3,725.01

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
GAUGE POINT: RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "MMI 3024"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-04"

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	3,731.85	0	4,019.42	0	4,304.34	0	4,587.50	0	4,860.07	0		0		0		0		0	
1/4	3,738.29	1/4	4,025.36	1/4	4,310.28	1/4	4,593.28	1/4	4,865.07	1/4		1/4		1/4		1/4		1/4	
1/2	3,744.74	1/2	4,031.29	1/2	4,316.22	1/2	4,599.07	1/2	4,870.06	1/2		1/2		1/2		1/2		1/2	
3/4	3,751.18	3/4	4,037.23	3/4	4,322.15	3/4	4,604.85	3/4	4,875.06	3/4		3/4		3/4		3/4		3/4	
1	3,757.62	1	4,043.16	1	4,328.09	1	4,610.63	1	4,880.05	1		1		1		1		1	
1/4	3,763.71	1/4	4,049.10	1/4	4,334.03	1/4	4,616.41	1/4	4,883.96	1/4		1/4		1/4		1/4		1/4	
1/2	3,769.80	1/2	4,055.03	1/2	4,339.96	1/2	4,622.20	1/2	4,887.88	1/2		1/2		1/2		1/2		1/2	
3/4	3,775.89	3/4	4,060.97	3/4	4,345.90	3/4	4,627.98	3/4	4,891.79	3/4		3/4		3/4		3/4		3/4	
2	3,781.98	2	4,066.90	2	4,351.83	2	4,633.76	2	4,895.70	2		2		2		2		2	
1/4	3,787.92	1/4	4,072.84	1/4	4,357.77	1/4	4,639.51	1/4	4,898.50	1/4		1/4		1/4		1/4		1/4	
1/2	3,793.85	1/2	4,078.78	1/2	4,363.71	1/2	4,645.26	1/2	4,901.30	1/2		1/2		1/2		1/2		1/2	
3/4	3,799.79	3/4	4,084.71	3/4	4,369.64	3/4	4,651.01	3/4	4,904.10	3/4		3/4		3/4		3/4		3/4	
3	3,805.72	3	4,090.65	3	4,375.58	3	4,656.76	3	4,906.90	3		3		3		3		3	
1/4	3,811.66	1/4	4,096.59	1/4	4,381.52	1/4	4,662.48	1/4	4,908.59	1/4		1/4		1/4		1/4		1/4	
1/2	3,817.59	1/2	4,102.52	1/2	4,387.45	1/2	4,668.20	1/2	4,910.28	1/2		1/2		1/2		1/2		1/2	
3/4	3,823.53	3/4	4,108.46	3/4	4,393.39	3/4	4,673.92	3/4	4,911.97	3/4		3/4		3/4		3/4		3/4	
4	3,829.46	4	4,114.39	4	4,399.32	4	4,679.64	4	4,913.66	4		4		4		4		4	
1/4	3,835.40	1/4	4,120.33	1/4	4,405.26	1/4	4,685.36	1/4	4,914.27	1/4		1/4		1/4		1/4		1/4	
1/2	3,841.34	1/2	4,126.27	1/2	4,411.19	1/2	4,691.08	1/2	4,914.88	1/2		1/2		1/2		1/2		1/2	
3/4	3,847.27	3/4	4,132.20	3/4	4,417.13	3/4	4,696.80	3/4	4,915.49	3/4		3/4		3/4		3/4		3/4	
5	3,853.21	5	4,138.14	5	4,423.06	5	4,702.52	5	4,916.10	5		5		5		5		5	
1/4	3,859.15	1/4	4,144.08	1/4	4,428.98	1/4	4,708.21	1/4	4,916.14	1/4		1/4		1/4		1/4		1/4	
1/2	3,865.08	1/2	4,150.01	1/2	4,434.91	1/2	4,713.90	1/2	4,916.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,871.02	3/4	4,155.95	3/4	4,440.83	3/4	4,719.59	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,876.95	6	4,161.88	6	4,446.75	6	4,725.28	6		6		6		6		6		6	
1/4	3,882.89	1/4	4,167.82	1/4	4,452.66	1/4	4,730.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,888.83	1/2	4,173.75	1/2	4,458.56	1/2	4,736.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,894.76	3/4	4,179.69	3/4	4,464.47	3/4	4,742.25	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,900.70	7	4,185.62	7	4,470.37	7	4,747.91	7		7		7		7		7		7	
1/4	3,906.64	1/4	4,191.56	1/4	4,476.28	1/4	4,753.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,912.57	1/2	4,197.50	1/2	4,482.19	1/2	4,759.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,918.51	3/4	4,203.43	3/4	4,488.09	3/4	4,764.88	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,924.44	8	4,209.37	8	4,494.00	8	4,770.54	8		8		8		8		8		8	
1/4	3,930.38	1/4	4,215.31	1/4	4,499.88	1/4	4,776.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,936.31	1/2	4,221.24	1/2	4,505.75	1/2	4,781.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,942.25	3/4	4,227.18	3/4	4,511.63	3/4	4,787.42	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,948.18	9	4,233.11	9	4,517.50	9	4,793.05	9		9		9		9		9		9	
1/4	3,954.12	1/4	4,239.05	1/4	4,523.34	1/4	4,798.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,960.06	1/2	4,244.99	1/2	4,529.19	1/2	4,804.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,965.99	3/4	4,250.92	3/4	4,535.03	3/4	4,809.84	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,971.93	10	4,256.86	10	4,540.87	10	4,815.43	10		10		10		10		10		10	
1/4	3,977.87	1/4	4,262.80	1/4	4,546.72	1/4	4,821.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,983.80	1/2	4,268.73	1/2	4,552.56	1/2	4,826.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,989.74	3/4	4,274.67	3/4	4,558.41	3/4	4,832.22	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,995.67	11	4,280.60	11	4,564.25	11	4,837.82	11		11		11		11		11		11	
1/4	4,001.61	1/4	4,286.54	1/4	4,570.06	1/4	4,843.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,007.55	1/2	4,292.47	1/2	4,575.88	1/2	4,848.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,013.48	3/4	4,298.41	3/4	4,581.69	3/4	4,854.51	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/17/2000 INSP
REPRINTED: 08/23/2018

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2018

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



BARGE "MMI 3024"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04"

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	30.50	0	387.73	0	760.11	0	1,131.50	0	1,503.82	0	1,876.21	0	2,248.59	0	2,620.97	0	2,993.36	0	3,365.74
1/4	35.77	1/4	395.49	1/4	767.86	1/4	1,139.24	1/4	1,511.58	1/4	1,883.97	1/4	2,256.35	1/4	2,628.73	1/4	3,001.12	1/4	3,373.50
1/2	41.03	1/2	403.25	1/2	775.62	1/2	1,146.99	1/2	1,519.34	1/2	1,891.72	1/2	2,264.11	1/2	2,636.49	1/2	3,008.88	1/2	3,381.26
3/4	46.30	3/4	411.00	3/4	783.37	3/4	1,154.73	3/4	1,527.09	3/4	1,899.48	3/4	2,271.86	3/4	2,644.25	3/4	3,016.63	3/4	3,389.01
1	51.56	1	418.76	1	791.12	1	1,162.47	1	1,534.85	1	1,907.24	1	2,279.62	1	2,652.01	1	3,024.39	1	3,396.77
1/4	58.15	1/4	426.52	1/4	798.86	1/4	1,170.23	1/4	1,542.61	1/4	1,915.00	1/4	2,287.38	1/4	2,659.77	1/4	3,032.15	1/4	3,404.53
1/2	64.74	1/2	434.28	1/2	806.59	1/2	1,177.99	1/2	1,550.37	1/2	1,922.75	1/2	2,295.14	1/2	2,667.53	1/2	3,039.91	1/2	3,412.29
3/4	71.32	3/4	442.03	3/4	814.33	3/4	1,185.74	3/4	1,558.13	3/4	1,930.51	3/4	2,302.89	3/4	2,675.28	3/4	3,047.66	3/4	3,420.05
2	77.91	2	449.79	2	822.06	2	1,193.50	2	1,565.89	2	1,938.27	2	2,310.65	2	2,683.04	2	3,055.42	2	3,427.81
1/4	85.56	1/4	457.55	1/4	829.80	1/4	1,201.26	1/4	1,573.65	1/4	1,946.03	1/4	2,318.41	1/4	2,690.80	1/4	3,063.18	1/4	3,435.57
1/2	93.21	1/2	465.31	1/2	837.54	1/2	1,209.02	1/2	1,581.41	1/2	1,953.78	1/2	2,326.17	1/2	2,698.56	1/2	3,070.94	1/2	3,443.33
3/4	100.85	3/4	473.06	3/4	845.27	3/4	1,216.77	3/4	1,589.16	3/4	1,961.54	3/4	2,333.93	3/4	2,706.31	3/4	3,078.69	3/4	3,451.08
3	108.50	3	480.82	3	853.01	3	1,224.53	3	1,596.92	3	1,969.30	3	2,341.69	3	2,714.07	3	3,086.45	3	3,458.84
1/4	116.24	1/4	488.58	1/4	860.75	1/4	1,232.29	1/4	1,604.68	1/4	1,977.06	1/4	2,349.45	1/4	2,721.83	1/4	3,094.21	1/4	3,466.60
1/2	123.99	1/2	496.34	1/2	868.48	1/2	1,240.05	1/2	1,612.44	1/2	1,984.81	1/2	2,357.21	1/2	2,729.59	1/2	3,101.97	1/2	3,474.36
3/4	131.73	3/4	504.09	3/4	876.22	3/4	1,247.81	3/4	1,620.19	3/4	1,992.57	3/4	2,364.96	3/4	2,737.34	3/4	3,109.73	3/4	3,482.11
4	139.47	4	511.85	4	883.95	4	1,255.57	4	1,627.95	4	2,000.33	4	2,372.72	4	2,745.10	4	3,117.49	4	3,489.87
1/4	147.23	1/4	519.61	1/4	891.69	1/4	1,263.33	1/4	1,635.71	1/4	2,008.09	1/4	2,380.48	1/4	2,752.86	1/4	3,125.25	1/4	3,497.63
1/2	154.99	1/2	527.37	1/2	899.43	1/2	1,271.09	1/2	1,643.47	1/2	2,015.85	1/2	2,388.24	1/2	2,760.62	1/2	3,133.01	1/2	3,505.39
3/4	162.74	3/4	535.13	3/4	907.16	3/4	1,278.84	3/4	1,651.22	3/4	2,023.61	3/4	2,395.99	3/4	2,768.37	3/4	3,140.76	3/4	3,513.14
5	170.50	5	542.89	5	914.90	5	1,286.60	5	1,658.98	5	2,031.37	5	2,403.75	5	2,776.13	5	3,148.52	5	3,520.90
1/4	178.26	1/4	550.65	1/4	922.64	1/4	1,294.36	1/4	1,666.74	1/4	2,039.13	1/4	2,411.51	1/4	2,783.89	1/4	3,156.28	1/4	3,528.66
1/2	186.02	1/2	558.41	1/2	930.37	1/2	1,302.12	1/2	1,674.50	1/2	2,046.88	1/2	2,419.27	1/2	2,791.65	1/2	3,164.04	1/2	3,536.42
3/4	193.77	3/4	566.16	3/4	938.11	3/4	1,309.87	3/4	1,682.25	3/4	2,054.64	3/4	2,427.02	3/4	2,799.41	3/4	3,171.79	3/4	3,544.17
6	201.53	6	573.92	6	945.84	6	1,317.63	6	1,690.01	6	2,062.40	6	2,434.78	6	2,807.17	6	3,179.55	6	3,551.93
1/4	209.29	1/4	581.68	1/4	953.58	1/4	1,325.39	1/4	1,697.77	1/4	2,070.16	1/4	2,442.54	1/4	2,814.93	1/4	3,187.31	1/4	3,559.69
1/2	217.05	1/2	589.44	1/2	961.31	1/2	1,333.15	1/2	1,705.53	1/2	2,077.91	1/2	2,450.30	1/2	2,822.69	1/2	3,195.07	1/2	3,567.45
3/4	224.81	3/4	597.19	3/4	969.05	3/4	1,340.90	3/4	1,713.29	3/4	2,085.67	3/4	2,458.05	3/4	2,830.44	3/4	3,202.82	3/4	3,575.21
7	232.57	7	604.95	7	976.78	7	1,348.66	7	1,721.05	7	2,093.43	7	2,465.81	7	2,838.20	7	3,210.58	7	3,582.97
1/4	240.33	1/4	612.71	1/4	984.52	1/4	1,356.42	1/4	1,728.81	1/4	2,101.19	1/4	2,473.57	1/4	2,845.96	1/4	3,218.34	1/4	3,590.73
1/2	248.09	1/2	620.47	1/2	992.26	1/2	1,364.18	1/2	1,736.57	1/2	2,108.95	1/2	2,481.33	1/2	2,853.72	1/2	3,226.10	1/2	3,598.49
3/4	255.84	3/4	628.22	3/4	999.99	3/4	1,371.93	3/4	1,744.32	3/4	2,116.70	3/4	2,489.09	3/4	2,861.47	3/4	3,233.85	3/4	3,606.24
8	263.60	8	635.98	8	1,007.73	8	1,379.69	8	1,752.08	8	2,124.46	8	2,496.85	8	2,869.23	8	3,241.61	8	3,614.00
1/4	271.36	1/4	643.74	1/4	1,015.47	1/4	1,387.45	1/4	1,759.84	1/4	2,132.22	1/4	2,504.61	1/4	2,876.99	1/4	3,249.37	1/4	3,621.76
1/2	279.12	1/2	651.50	1/2	1,023.20	1/2	1,395.21	1/2	1,767.60	1/2	2,139.98	1/2	2,512.37	1/2	2,884.75	1/2	3,257.13	1/2	3,629.52
3/4	286.87	3/4	659.25	3/4	1,030.94	3/4	1,402.97	3/4	1,775.35	3/4	2,147.73	3/4	2,520.12	3/4	2,892.50	3/4	3,264.89	3/4	3,637.27
9	294.63	9	667.01	9	1,038.67	9	1,410.73	9	1,783.11	9	2,155.49	9	2,527.88	9	2,900.26	9	3,272.65	9	3,645.03
1/4	302.39	1/4	674.77	1/4	1,046.41	1/4	1,418.49	1/4	1,790.87	1/4	2,163.25	1/4	2,535.64	1/4	2,908.02	1/4	3,280.41	1/4	3,652.64
1/2	310.15	1/2	682.53	1/2	1,054.15	1/2	1,426.25	1/2	1,798.63	1/2	2,171.01	1/2	2,543.40	1/2	2,915.78	1/2	3,288.17	1/2	3,660.25
3/4	317.90	3/4	690.29	3/4	1,061.88	3/4	1,434.00	3/4	1,806.38	3/4	2,178.77	3/4	2,551.15	3/4	2,923.53	3/4	3,295.92	3/4	3,667.85
10	325.66	10	698.05	10	1,069.62	10	1,441.76	10	1,814.14	10	2,186.53	10	2,558.91	10	2,931.29	10	3,303.68	10	3,675.46
1/4	333.42	1/4	705.81	1/4	1,077.36	1/4	1,449.52	1/4	1,821.90	1/4	2,194.29	1/4	2,566.67	1/4	2,939.05	1/4	3,311.44	1/4	3,682.71
1/2	341.18	1/2	713.57	1/2	1,085.09	1/2	1,457.28	1/2	1,829.66	1/2	2,202.05	1/2	2,574.43	1/2	2,946.81	1/2	3,319.20	1/2	3,689.97
3/4	348.93	3/4	721.32	3/4	1,092.83	3/4	1,465.03	3/4	1,837.41	3/4	2,209.80	3/4	2,582.18	3/4	2,954.57	3/4	3,326.95	3/4	3,697.22
11	356.69	11	729.08	11	1,100.56	11	1,472.79	11	1,845.17	11	2,217.56	11	2,589.94	11	2,962.33	11	3,334.71	11	3,704.47
1/4	364.45	1/4	736.84	1/4	1,108.30	1/4	1,480.55	1/4	1,852.93	1/4	2,225.32	1/4	2,597.70	1/4	2,970.09	1/4	3,342.47	1/4	3,711.32
1/2	372.21	1/2	744.60	1/2	1,116.03	1/2	1,488.31	1/2	1,860.69	1/2	2,233.08	1/2	2,605.46	1/2	2,977.85	1/2	3,350.23	1/2	3,718.16
3/4	379.97	3/4	752.35	3/4	1,123.77	3/4	1,496.06	3/4	1,868.45	3/4	2,240.83	3/4	2,613.21	3/4	2,985.60	3/4	3,357.98	3/4	3,725.01

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
GAUGE POINT: RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "MMI 3024"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-04"

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	3,731.85	0	4,019.42	0	4,304.34	0	4,587.50	0	4,860.07	0		0		0		0		0	
1/4	3,738.29	1/4	4,025.36	1/4	4,310.28	1/4	4,593.28	1/4	4,865.07	1/4		1/4		1/4		1/4		1/4	
1/2	3,744.74	1/2	4,031.29	1/2	4,316.22	1/2	4,599.07	1/2	4,870.06	1/2		1/2		1/2		1/2		1/2	
3/4	3,751.18	3/4	4,037.23	3/4	4,322.15	3/4	4,604.85	3/4	4,875.06	3/4		3/4		3/4		3/4		3/4	
1	3,757.62	1	4,043.16	1	4,328.09	1	4,610.63	1	4,880.05	1		1		1		1		1	
1/4	3,763.71	1/4	4,049.10	1/4	4,334.03	1/4	4,616.41	1/4	4,883.96	1/4		1/4		1/4		1/4		1/4	
1/2	3,769.80	1/2	4,055.03	1/2	4,339.96	1/2	4,622.20	1/2	4,887.88	1/2		1/2		1/2		1/2		1/2	
3/4	3,775.89	3/4	4,060.97	3/4	4,345.90	3/4	4,627.98	3/4	4,891.79	3/4		3/4		3/4		3/4		3/4	
2	3,781.98	2	4,066.90	2	4,351.83	2	4,633.76	2	4,895.70	2		2		2		2		2	
1/4	3,787.92	1/4	4,072.84	1/4	4,357.77	1/4	4,639.51	1/4	4,898.50	1/4		1/4		1/4		1/4		1/4	
1/2	3,793.85	1/2	4,078.78	1/2	4,363.71	1/2	4,645.26	1/2	4,901.30	1/2		1/2		1/2		1/2		1/2	
3/4	3,799.79	3/4	4,084.71	3/4	4,369.64	3/4	4,651.01	3/4	4,904.10	3/4		3/4		3/4		3/4		3/4	
3	3,805.72	3	4,090.65	3	4,375.58	3	4,656.76	3	4,906.90	3		3		3		3		3	
1/4	3,811.66	1/4	4,096.59	1/4	4,381.52	1/4	4,662.48	1/4	4,908.59	1/4		1/4		1/4		1/4		1/4	
1/2	3,817.59	1/2	4,102.52	1/2	4,387.45	1/2	4,668.20	1/2	4,910.28	1/2		1/2		1/2		1/2		1/2	
3/4	3,823.53	3/4	4,108.46	3/4	4,393.39	3/4	4,673.92	3/4	4,911.97	3/4		3/4		3/4		3/4		3/4	
4	3,829.46	4	4,114.39	4	4,399.32	4	4,679.64	4	4,913.66	4		4		4		4		4	
1/4	3,835.40	1/4	4,120.33	1/4	4,405.26	1/4	4,685.36	1/4	4,914.27	1/4		1/4		1/4		1/4		1/4	
1/2	3,841.34	1/2	4,126.27	1/2	4,411.19	1/2	4,691.08	1/2	4,914.88	1/2		1/2		1/2		1/2		1/2	
3/4	3,847.27	3/4	4,132.20	3/4	4,417.13	3/4	4,696.80	3/4	4,915.49	3/4		3/4		3/4		3/4		3/4	
5	3,853.21	5	4,138.14	5	4,423.06	5	4,702.52	5	4,916.10	5		5		5		5		5	
1/4	3,859.15	1/4	4,144.08	1/4	4,428.98	1/4	4,708.21	1/4	4,916.14	1/4		1/4		1/4		1/4		1/4	
1/2	3,865.08	1/2	4,150.01	1/2	4,434.91	1/2	4,713.90	1/2	4,916.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,871.02	3/4	4,155.95	3/4	4,440.83	3/4	4,719.59	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,876.95	6	4,161.88	6	4,446.75	6	4,725.28	6		6		6		6		6		6	
1/4	3,882.89	1/4	4,167.82	1/4	4,452.66	1/4	4,730.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,888.83	1/2	4,173.75	1/2	4,458.56	1/2	4,736.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,894.76	3/4	4,179.69	3/4	4,464.47	3/4	4,742.25	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,900.70	7	4,185.62	7	4,470.37	7	4,747.91	7		7		7		7		7		7	
1/4	3,906.64	1/4	4,191.56	1/4	4,476.28	1/4	4,753.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,912.57	1/2	4,197.50	1/2	4,482.19	1/2	4,759.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,918.51	3/4	4,203.43	3/4	4,488.09	3/4	4,764.88	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,924.44	8	4,209.37	8	4,494.00	8	4,770.54	8		8		8		8		8		8	
1/4	3,930.38	1/4	4,215.31	1/4	4,499.88	1/4	4,776.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,936.31	1/2	4,221.24	1/2	4,505.75	1/2	4,781.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,942.25	3/4	4,227.18	3/4	4,511.63	3/4	4,787.42	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,948.18	9	4,233.11	9	4,517.50	9	4,793.05	9		9		9		9		9		9	
1/4	3,954.12	1/4	4,239.05	1/4	4,523.34	1/4	4,798.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,960.06	1/2	4,244.99	1/2	4,529.19	1/2	4,804.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,965.99	3/4	4,250.92	3/4	4,535.03	3/4	4,809.84	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,971.93	10	4,256.86	10	4,540.87	10	4,815.43	10		10		10		10		10		10	
1/4	3,977.87	1/4	4,262.80	1/4	4,546.72	1/4	4,821.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,983.80	1/2	4,268.73	1/2	4,552.56	1/2	4,826.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,989.74	3/4	4,274.67	3/4	4,558.41	3/4	4,832.22	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,995.67	11	4,280.60	11	4,564.25	11	4,837.82	11		11		11		11		11		11	
1/4	4,001.61	1/4	4,286.54	1/4	4,570.06	1/4	4,843.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,007.55	1/2	4,292.47	1/2	4,575.88	1/2	4,848.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,013.48	3/4	4,298.41	3/4	4,581.69	3/4	4,854.51	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2018

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