



# BARGE "MMI 3050"

## ULLAGE TRIM TABLE (HERMETIC)

	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 PORT	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-1/8	- 01-1/8	01-1/2	- 01-1/2	01-7/8	- 01-7/8	02-1/4	- 02-1/4
1 STBD	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-1/8	- 01-1/8	01-1/2	- 01-1/2	01-7/8	- 01-7/8	02-1/4	- 02-1/4
2 PORT	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-1/8	- 01-1/8	01-1/2	- 01-1/2	02-0/8	- 02-0/8	02-3/8	- 02-3/8
2 STBD	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-1/8	- 01-1/8	01-1/2	- 01-1/2	02-0/8	- 02-0/8	02-3/8	- 02-3/8
3 PORT	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-2/8	- 01-2/8	01-1/2	- 01-1/2
3 STBD	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-2/8	- 01-2/8	01-1/2	- 01-1/2
4 PORT	00-3/4	- 00-3/4	01-1/2	- 01-1/2	02-1/2	- 02-1/2	03-1/8	- 03-1/8	03-7/8	- 03-7/8	04-5/8	- 04-5/8
4 STBD	00-3/4	- 00-3/4	01-1/2	- 01-1/2	02-1/2	- 02-1/2	03-1/8	- 03-1/8	03-7/8	- 03-7/8	04-5/8	- 04-5/8

(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 PORT IS - 00-3/4"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 1/4"

LENGTH BETWEEN DRAFT MARKS 278'-03"

May 31, 2024

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

<http://www.pmacorp.net>



# BARGE "MMI 3050"

## 1 PORT INNAGE TABLE HERMETIC

GAUGE HEIGHT 15'-07 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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		0		0	2,979.32	0	2,724.15	0	2,468.99	0	2,213.82	0	1,958.65	0	1,703.48
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,974.01	1/4	2,718.83	1/4	2,463.67	1/4	2,208.50	1/4	1,953.33	1/4	1,698.16
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,968.69	1/2	2,713.52	1/2	2,458.36	1/2	2,203.19	1/2	1,948.02	1/2	1,692.85
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,204.22	3/4	2,963.37	3/4	2,708.20	3/4	2,453.04	3/4	2,197.87	3/4	1,942.70
1		1		1		1		1	3,201.21	1	2,958.06	1	2,702.89	1	2,447.72	1	2,192.55	1	1,937.39
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,198.21	1/4	2,952.74	1/4	2,697.57	1/4	2,442.40	1/4	2,187.23	1/4	1,932.07
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,195.20	1/2	2,947.43	1/2	2,692.26	1/2	2,437.09	1/2	2,181.92	1/2	1,926.76
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,191.27	3/4	2,942.11	3/4	2,686.94	3/4	2,431.77	3/4	2,176.60	3/4	1,921.44
2		2		2		2		2	3,187.34	2	2,936.79	2	2,681.63	2	2,426.46	2	2,171.29	2	1,916.12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,183.41	1/4	2,931.48	1/4	2,676.31	1/4	2,421.14	1/4	2,165.97	1/4	1,910.80
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,179.48	1/2	2,926.16	1/2	2,671.00	1/2	2,415.83	1/2	2,160.66	1/2	1,905.49
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,174.63	3/4	2,920.84	3/4	2,665.68	3/4	2,410.51	3/4	2,155.34	3/4	1,900.17
3		3		3		3		3	3,169.77	3	2,915.53	3	2,660.36	3	2,405.19	3	2,150.03	3	1,894.86
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,164.92	1/4	2,910.21	1/4	2,655.04	1/4	2,399.87	1/4	2,144.71	1/4	1,889.54
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,160.07	1/2	2,904.90	1/2	2,649.73	1/2	2,394.56	1/2	2,139.40	1/2	1,884.23
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,154.75	3/4	2,899.58	3/4	2,644.41	3/4	2,389.24	3/4	2,134.08	3/4	1,878.91
4		4		4		4		4	3,149.43	4	2,894.27	4	2,639.10	4	2,383.93	4	2,128.76	4	1,873.59
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,144.12	1/4	2,888.95	1/4	2,633.78	1/4	2,378.61	1/4	2,123.44	1/4	1,868.27
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,138.80	1/2	2,883.64	1/2	2,628.47	1/2	2,373.30	1/2	2,118.13	1/2	1,862.96
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,133.48	3/4	2,878.32	3/4	2,623.15	3/4	2,367.98	3/4	2,112.81	3/4	1,857.64
5		5		5		5		5	3,128.17	5	2,873.00	5	2,617.83	5	2,362.67	5	2,107.50	5	1,852.33
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,122.85	1/4	2,867.69	1/4	2,612.51	1/4	2,357.35	1/4	2,102.18	1/4	1,847.01
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,117.54	1/2	2,862.37	1/2	2,607.20	1/2	2,352.04	1/2	2,096.87	1/2	1,841.70
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,112.22	3/4	2,857.05	3/4	2,601.88	3/4	2,346.72	3/4	2,091.55	3/4	1,836.38
6		6		6		6		6	3,106.91	6	2,851.74	6	2,596.57	6	2,341.40	6	2,086.23	6	1,831.07
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,101.59	1/4	2,846.42	1/4	2,591.25	1/4	2,336.08	1/4	2,080.91	1/4	1,825.75
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,096.28	1/2	2,841.11	1/2	2,585.94	1/2	2,330.77	1/2	2,075.60	1/2	1,820.44
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,090.96	3/4	2,835.79	3/4	2,580.62	3/4	2,325.45	3/4	2,070.28	3/4	1,815.12
7		7		7		7		7	3,085.64	7	2,830.47	7	2,575.31	7	2,320.14	7	2,064.97	7	1,809.80
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,080.33	1/4	2,825.16	1/4	2,569.99	1/4	2,314.82	1/4	2,059.65	1/4	1,804.48
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,075.01	1/2	2,819.84	1/2	2,564.68	1/2	2,309.51	1/2	2,054.34	1/2	1,799.17
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,069.69	3/4	2,814.52	3/4	2,559.36	3/4	2,304.19	3/4	2,049.02	3/4	1,793.85
8		8		8		8		8	3,064.38	8	2,809.21	8	2,554.04	8	2,298.87	8	2,043.71	8	1,788.54
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,059.06	1/4	2,803.89	1/4	2,548.72	1/4	2,293.55	1/4	2,038.39	1/4	1,783.22
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,053.75	1/2	2,798.58	1/2	2,543.41	1/2	2,288.24	1/2	2,033.08	1/2	1,777.91
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,048.43	3/4	2,793.26	3/4	2,538.09	3/4	2,282.92	3/4	2,027.76	3/4	1,772.59
9		9		9		9		9	3,043.11	9	2,787.95	9	2,532.78	9	2,277.61	9	2,022.44	9	1,767.27
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,037.80	1/4	2,782.63	1/4	2,527.46	1/4	2,272.29	1/4	2,017.12	1/4	1,761.95
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,032.48	1/2	2,777.32	1/2	2,522.15	1/2	2,266.98	1/2	2,011.81	1/2	1,756.64
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,027.16	3/4	2,772.00	3/4	2,516.83	3/4	2,261.66	3/4	2,006.49	3/4	1,751.32
10		10		10		10		10	3,021.85	10	2,766.68	10	2,511.51	10	2,256.35	10	2,001.18	10	1,746.01
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,016.53	1/4	2,761.36	1/4	2,506.19	1/4	2,251.03	1/4	1,995.86	1/4	1,740.69
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,011.22	1/2	2,756.05	1/2	2,500.88	1/2	2,245.72	1/2	1,990.55	1/2	1,735.38
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,005.90	3/4	2,750.73	3/4	2,495.56	3/4	2,240.40	3/4	1,985.23	3/4	1,730.06
11		11		11		11		11	3,000.59	11	2,745.42	11	2,490.25	11	2,235.08	11	1,979.91	11	1,724.75
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,995.27	1/4	2,740.10	1/4	2,484.93	1/4	2,229.76	1/4	1,974.59	1/4	1,719.43
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,989.96	1/2	2,734.79	1/2	2,479.62	1/2	2,224.45	1/2	1,969.28	1/2	1,714.12
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,984.64	3/4	2,729.47	3/4	2,474.30	3/4	2,219.13	3/4	1,963.96	3/4	1,708.80

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 WITH HERMETIC GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
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# BARGE "MMI 3050"

## 1 PORT INNAGE TABLE HERMETIC

GAUGE HEIGHT 15'-07 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	1,448.31	0	1,193.15	0	938.21	0	684.44	0	429.27	0	175.37	0		0		0		0	
1/4	1,442.99	1/4	1,187.83	1/4	932.93	1/4	679.12	1/4	423.95	1/4	170.23	1/4		1/4		1/4		1/4	
1/2	1,437.68	1/2	1,182.52	1/2	927.65	1/2	673.81	1/2	418.64	1/2	165.10	1/2		1/2		1/2		1/2	
3/4	1,432.36	3/4	1,177.20	3/4	922.37	3/4	668.49	3/4	413.32	3/4	159.96	3/4		3/4		3/4		3/4	
1	1,427.05	1	1,171.88	1	917.09	1	663.18	1	408.01	1	154.82	1		1		1		1	
1/4	1,421.73	1/4	1,166.56	1/4	911.81	1/4	657.86	1/4	402.69	1/4	149.68	1/4		1/4		1/4		1/4	
1/2	1,416.42	1/2	1,161.25	1/2	906.53	1/2	652.55	1/2	397.38	1/2	144.55	1/2		1/2		1/2		1/2	
3/4	1,411.10	3/4	1,155.93	3/4	901.24	3/4	647.23	3/4	392.06	3/4	139.41	3/4		3/4		3/4		3/4	
2	1,405.79	2	1,150.62	2	895.96	2	641.91	2	386.75	2	134.28	2		2		2		2	
1/4	1,400.47	1/4	1,145.30	1/4	890.68	1/4	636.59	1/4	381.43	1/4	129.14	1/4		1/4		1/4		1/4	
1/2	1,395.16	1/2	1,139.99	1/2	885.40	1/2	631.28	1/2	376.12	1/2	124.01	1/2		1/2		1/2		1/2	
3/4	1,389.84	3/4	1,134.67	3/4	880.11	3/4	625.96	3/4	370.80	3/4	118.87	3/4		3/4		3/4		3/4	
3	1,384.52	3	1,129.35	3	874.83	3	620.65	3	365.48	3	113.73	3		3		3		3	
1/4	1,379.20	1/4	1,124.03	1/4	869.55	1/4	615.33	1/4	360.16	1/4	108.59	1/4		1/4		1/4		1/4	
1/2	1,373.89	1/2	1,118.72	1/2	864.27	1/2	610.02	1/2	354.85	1/2	103.46	1/2		1/2		1/2		1/2	
3/4	1,368.57	3/4	1,113.40	3/4	858.98	3/4	604.70	3/4	349.53	3/4	98.28	3/4		3/4		3/4		3/4	
4	1,363.26	4	1,108.09	4	853.70	4	599.39	4	344.22	4	93.10	4		4		4		4	
1/4	1,357.94	1/4	1,102.77	1/4	848.42	1/4	594.07	1/4	338.90	1/4	87.92	1/4		1/4		1/4		1/4	
1/2	1,352.63	1/2	1,097.46	1/2	843.14	1/2	588.76	1/2	333.59	1/2	82.74	1/2		1/2		1/2		1/2	
3/4	1,347.31	3/4	1,092.14	3/4	837.85	3/4	583.44	3/4	328.27	3/4	77.42	3/4		3/4		3/4		3/4	
5	1,341.99	5	1,086.83	5	832.57	5	578.12	5	322.95	5	72.11	5		5		5		5	
1/4	1,336.67	1/4	1,081.51	1/4	827.29	1/4	572.80	1/4	317.63	1/4	66.79	1/4		1/4		1/4		1/4	
1/2	1,331.36	1/2	1,076.20	1/2	822.01	1/2	567.49	1/2	312.32	1/2	61.48	1/2		1/2		1/2		1/2	
3/4	1,326.04	3/4	1,070.88	3/4	816.73	3/4	562.17	3/4	307.00	3/4	56.16	3/4		3/4		3/4		3/4	
6	1,320.73	6	1,065.56	6	811.45	6	556.86	6	301.69	6	50.84	6		6		6		6	
1/4	1,315.41	1/4	1,060.24	1/4	806.17	1/4	551.54	1/4	296.37	1/4	45.52	1/4		1/4		1/4		1/4	
1/2	1,310.10	1/2	1,054.93	1/2	800.89	1/2	546.23	1/2	291.06	1/2	40.21	1/2		1/2		1/2		1/2	
3/4	1,304.78	3/4	1,049.61	3/4	795.60	3/4	540.91	3/4	285.74	3/4	35.73	3/4		3/4		3/4		3/4	
7	1,299.47	7	1,044.30	7	790.32	7	535.59	7	280.43	7	31.26	7		7		7		7	
1/4	1,294.15	1/4	1,038.98	1/4	785.04	1/4	530.27	1/4	275.11	1/4	26.79	1/4		1/4		1/4		1/4	
1/2	1,288.84	1/2	1,033.67	1/2	779.76	1/2	524.96	1/2	269.80	1/2	22.32	1/2		1/2		1/2		1/2	
3/4	1,283.52	3/4	1,028.35	3/4	774.47	3/4	519.64	3/4	264.48	3/4	19.13	3/4		3/4		3/4		3/4	
8	1,278.20	8	1,023.03	8	769.19	8	514.33	8	259.16	8		8		8		8		8	
1/4	1,272.88	1/4	1,017.71	1/4	763.91	1/4	509.01	1/4	253.84	1/4		1/4		1/4		1/4		1/4	
1/2	1,267.57	1/2	1,012.40	1/2	758.63	1/2	503.70	1/2	248.53	1/2		1/2		1/2		1/2		1/2	
3/4	1,262.25	3/4	1,007.08	3/4	753.34	3/4	498.38	3/4	243.21	3/4		3/4		3/4		3/4		3/4	
9	1,256.94	9	1,001.77	9	748.06	9	493.07	9	237.90	9		9		9		9		9	
1/4	1,251.62	1/4	996.45	1/4	742.78	1/4	487.75	1/4	232.58	1/4		1/4		1/4		1/4		1/4	
1/2	1,246.31	1/2	991.14	1/2	737.50	1/2	482.44	1/2	227.27	1/2		1/2		1/2		1/2		1/2	
3/4	1,240.99	3/4	985.83	3/4	732.21	3/4	477.12	3/4	221.99	3/4		3/4		3/4		3/4		3/4	
10	1,235.67	10	980.52	10	726.92	10	471.80	10	216.72	10		10		10		10		10	
1/4	1,230.35	1/4	975.21	1/4	721.63	1/4	466.48	1/4	211.45	1/4		1/4		1/4		1/4		1/4	
1/2	1,225.04	1/2	969.91	1/2	716.34	1/2	461.17	1/2	206.18	1/2		1/2		1/2		1/2		1/2	
3/4	1,219.72	3/4	964.62	3/4	711.02	3/4	455.85	3/4	201.04	3/4		3/4		3/4		3/4		3/4	
11	1,214.41	11	959.34	11	705.71	11	450.54	11	195.91	11		11		11		11		11	
1/4	1,209.09	1/4	954.06	1/4	700.39	1/4	445.22	1/4	190.77	1/4		1/4		1/4		1/4		1/4	
1/2	1,203.78	1/2	948.78	1/2	695.08	1/2	439.91	1/2	185.64	1/2		1/2		1/2		1/2		1/2	
3/4	1,198.46	3/4	943.49	3/4	689.76	3/4	434.59	3/4	180.50	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/12/2006 INSP.  
RECALCULATED: 05/31/2024 CL  
VERIFIED: 05/31/2024 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2024

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





# BARGE "MMI 3050"

## 1 STBD

### INNAGE TABLE HERMETIC

GAUGE HEIGHT 15'-07 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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		0		0	2,974.01	0	2,718.83	0	2,463.67	0	2,208.50	0	1,953.33	0	1,698.16
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,968.69	1/4	2,713.52	1/4	2,458.36	1/4	2,203.19	1/4	1,948.02	1/4	1,692.85
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,204.22	1/2	2,963.37	1/2	2,708.20	1/2	2,453.04	1/2	2,197.87	1/2	1,942.70
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,201.21	3/4	2,958.06	3/4	2,702.89	3/4	2,447.72	3/4	2,192.55	3/4	1,937.39
1	1	1	1	1	1	1	1	1	3,198.21	1	2,952.74	1	2,697.57	1	2,442.40	1	2,187.23	1	1,932.07
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,195.20	1/4	2,947.43	1/4	2,692.26	1/4	2,437.09	1/4	2,181.92	1/4	1,926.76
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,191.27	1/2	2,942.11	1/2	2,686.94	1/2	2,431.77	1/2	2,176.60	1/2	1,921.44
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,187.34	3/4	2,936.79	3/4	2,681.63	3/4	2,426.46	3/4	2,171.29	3/4	1,916.12
2	2	2	2	2	2	2	2	2	3,183.41	2	2,931.48	2	2,676.31	2	2,421.14	2	2,165.97	2	1,910.80
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,179.48	1/4	2,926.16	1/4	2,671.00	1/4	2,415.83	1/4	2,160.66	1/4	1,905.39
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,174.63	1/2	2,920.84	1/2	2,665.68	1/2	2,410.51	1/2	2,155.34	1/2	1,900.17
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,169.77	3/4	2,915.53	3/4	2,660.36	3/4	2,405.19	3/4	2,150.03	3/4	1,894.86
3	3	3	3	3	3	3	3	3	3,164.92	3	2,910.21	3	2,655.04	3	2,399.87	3	2,144.71	3	1,889.54
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,160.07	1/4	2,904.90	1/4	2,649.73	1/4	2,394.56	1/4	2,139.40	1/4	1,884.23
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,154.75	1/2	2,899.58	1/2	2,644.41	1/2	2,389.24	1/2	2,134.08	1/2	1,878.91
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,149.43	3/4	2,894.27	3/4	2,639.10	3/4	2,383.93	3/4	2,128.76	3/4	1,873.59
4	4	4	4	4	4	4	4	4	3,144.12	4	2,888.95	4	2,633.78	4	2,378.61	4	2,123.44	4	1,868.27
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,138.80	1/4	2,883.64	1/4	2,628.47	1/4	2,373.30	1/4	2,118.13	1/4	1,862.96
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,133.48	1/2	2,878.32	1/2	2,623.15	1/2	2,367.98	1/2	2,112.81	1/2	1,857.64
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,128.17	3/4	2,873.00	3/4	2,617.83	3/4	2,362.67	3/4	2,107.50	3/4	1,852.33
5	5	5	5	5	5	5	5	5	3,122.85	5	2,867.69	5	2,612.51	5	2,357.35	5	2,102.18	5	1,847.01
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,117.54	1/4	2,862.37	1/4	2,607.20	1/4	2,352.04	1/4	2,096.87	1/4	1,841.70
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,112.22	1/2	2,857.05	1/2	2,601.88	1/2	2,346.72	1/2	2,091.55	1/2	1,836.38
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,106.91	3/4	2,851.74	3/4	2,596.57	3/4	2,341.40	3/4	2,086.23	3/4	1,831.07
6	6	6	6	6	6	6	6	6	3,101.59	6	2,846.42	6	2,591.25	6	2,336.08	6	2,080.91	6	1,825.75
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,096.28	1/4	2,841.11	1/4	2,585.94	1/4	2,330.77	1/4	2,075.60	1/4	1,820.44
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,090.96	1/2	2,835.79	1/2	2,580.62	1/2	2,325.45	1/2	2,070.28	1/2	1,815.12
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,085.64	3/4	2,830.47	3/4	2,575.31	3/4	2,320.14	3/4	2,064.97	3/4	1,809.80
7	7	7	7	7	7	7	7	7	3,080.33	7	2,825.16	7	2,569.99	7	2,314.82	7	2,059.65	7	1,804.48
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,075.01	1/4	2,819.84	1/4	2,564.68	1/4	2,309.51	1/4	2,054.34	1/4	1,799.17
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,069.69	1/2	2,814.52	1/2	2,559.36	1/2	2,304.19	1/2	2,049.02	1/2	1,793.85
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,064.38	3/4	2,809.21	3/4	2,554.04	3/4	2,298.87	3/4	2,043.71	3/4	1,788.54
8	8	8	8	8	8	8	8	8	3,059.06	8	2,803.89	8	2,548.72	8	2,293.55	8	2,038.39	8	1,783.22
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,053.75	1/4	2,798.58	1/4	2,543.41	1/4	2,288.24	1/4	2,033.08	1/4	1,777.91
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,048.43	1/2	2,793.26	1/2	2,538.09	1/2	2,282.92	1/2	2,027.76	1/2	1,772.59
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,043.11	3/4	2,787.95	3/4	2,532.78	3/4	2,277.61	3/4	2,022.44	3/4	1,767.27
9	9	9	9	9	9	9	9	9	3,037.80	9	2,782.63	9	2,527.46	9	2,272.29	9	2,017.12	9	1,761.95
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,032.48	1/4	2,777.32	1/4	2,522.15	1/4	2,266.98	1/4	2,011.81	1/4	1,756.64
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,027.16	1/2	2,772.00	1/2	2,516.83	1/2	2,261.66	1/2	2,006.49	1/2	1,751.32
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,021.85	3/4	2,766.68	3/4	2,511.51	3/4	2,256.35	3/4	2,001.18	3/4	1,746.01
10	10	10	10	10	10	10	10	10	3,016.53	10	2,761.36	10	2,506.19	10	2,251.03	10	1,995.86	10	1,740.69
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,011.22	1/4	2,756.05	1/4	2,500.88	1/4	2,245.72	1/4	1,990.55	1/4	1,735.38
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,005.90	1/2	2,750.73	1/2	2,495.56	1/2	2,240.40	1/2	1,985.23	1/2	1,730.06
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,000.59	3/4	2,745.42	3/4	2,490.25	3/4	2,235.08	3/4	1,979.91	3/4	1,724.75
11	11	11	11	11	11	11	11	11	2,995.27	11	2,740.10	11	2,484.93	11	2,229.76	11	1,974.59	11	1,719.43
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,989.96	1/4	2,734.79	1/4	2,479.62	1/4	2,224.45	1/4	1,969.28	1/4	1,714.12
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,984.64	1/2	2,729.47	1/2	2,474.30	1/2	2,219.13	1/2	1,963.96	1/2	1,708.80
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,979.32	3/4	2,724.15	3/4	2,468.99	3/4	2,213.82	3/4	1,958.65	3/4	1,703.48

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 WITH HERMETIC GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

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



# BARGE "MMI 3050"

## 1 STBD INNAGE TABLE HERMETIC

GAUGE HEIGHT 15'-07 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	1,442.99	0	1,187.83	0	932.93	0	679.12	0	423.95	0	170.23	0		0		0		0	
1/4	1,437.68	1/4	1,182.52	1/4	927.65	1/4	673.81	1/4	418.64	1/4	165.10	1/4		1/4		1/4		1/4	
1/2	1,432.36	1/2	1,177.20	1/2	922.37	1/2	668.49	1/2	413.32	1/2	159.96	1/2		1/2		1/2		1/2	
3/4	1,427.05	3/4	1,171.88	3/4	917.09	3/4	663.18	3/4	408.01	3/4	154.82	3/4		3/4		3/4		3/4	
1	1,421.73	1	1,166.56	1	911.81	1	657.86	1	402.69	1	149.68	1		1		1		1	
1/4	1,416.42	1/4	1,161.25	1/4	906.53	1/4	652.55	1/4	397.38	1/4	144.55	1/4		1/4		1/4		1/4	
1/2	1,411.10	1/2	1,155.93	1/2	901.24	1/2	647.23	1/2	392.06	1/2	139.41	1/2		1/2		1/2		1/2	
3/4	1,405.79	3/4	1,150.62	3/4	895.96	3/4	641.91	3/4	386.75	3/4	134.28	3/4		3/4		3/4		3/4	
2	1,400.47	2	1,145.30	2	890.68	2	636.59	2	381.43	2	129.14	2		2		2		2	
1/4	1,395.16	1/4	1,139.99	1/4	885.40	1/4	631.28	1/4	376.12	1/4	124.01	1/4		1/4		1/4		1/4	
1/2	1,389.84	1/2	1,134.67	1/2	880.11	1/2	625.96	1/2	370.80	1/2	118.87	1/2		1/2		1/2		1/2	
3/4	1,384.52	3/4	1,129.35	3/4	874.83	3/4	620.65	3/4	365.48	3/4	113.73	3/4		3/4		3/4		3/4	
3	1,379.20	3	1,124.03	3	869.55	3	615.33	3	360.16	3	108.59	3		3		3		3	
1/4	1,373.89	1/4	1,118.72	1/4	864.27	1/4	610.02	1/4	354.85	1/4	103.46	1/4		1/4		1/4		1/4	
1/2	1,368.57	1/2	1,113.40	1/2	858.98	1/2	604.70	1/2	349.53	1/2	98.28	1/2		1/2		1/2		1/2	
3/4	1,363.26	3/4	1,108.09	3/4	853.70	3/4	599.39	3/4	344.22	3/4	93.10	3/4		3/4		3/4		3/4	
4	1,357.94	4	1,102.77	4	848.42	4	594.07	4	338.90	4	87.92	4		4		4		4	
1/4	1,352.63	1/4	1,097.46	1/4	843.14	1/4	588.76	1/4	333.59	1/4	82.74	1/4		1/4		1/4		1/4	
1/2	1,347.31	1/2	1,092.14	1/2	837.85	1/2	583.44	1/2	328.27	1/2	77.42	1/2		1/2		1/2		1/2	
3/4	1,341.99	3/4	1,086.83	3/4	832.57	3/4	578.12	3/4	322.95	3/4	72.11	3/4		3/4		3/4		3/4	
5	1,336.67	5	1,081.51	5	827.29	5	572.80	5	317.63	5	66.79	5		5		5		5	
1/4	1,331.36	1/4	1,076.20	1/4	822.01	1/4	567.49	1/4	312.32	1/4	61.48	1/4		1/4		1/4		1/4	
1/2	1,326.04	1/2	1,070.88	1/2	816.73	1/2	562.17	1/2	307.00	1/2	56.16	1/2		1/2		1/2		1/2	
3/4	1,320.73	3/4	1,065.56	3/4	811.45	3/4	556.86	3/4	301.69	3/4	50.84	3/4		3/4		3/4		3/4	
6	1,315.41	6	1,060.24	6	806.17	6	551.54	6	296.37	6	45.52	6		6		6		6	
1/4	1,310.10	1/4	1,054.93	1/4	800.89	1/4	546.23	1/4	291.06	1/4	40.21	1/4		1/4		1/4		1/4	
1/2	1,304.78	1/2	1,049.61	1/2	795.60	1/2	540.91	1/2	285.74	1/2	35.73	1/2		1/2		1/2		1/2	
3/4	1,299.47	3/4	1,044.30	3/4	790.32	3/4	535.59	3/4	280.43	3/4	31.26	3/4		3/4		3/4		3/4	
7	1,294.15	7	1,038.98	7	785.04	7	530.27	7	275.11	7	26.79	7		7		7		7	
1/4	1,288.84	1/4	1,033.67	1/4	779.76	1/4	524.96	1/4	269.80	1/4	22.32	1/4		1/4		1/4		1/4	
1/2	1,283.52	1/2	1,028.35	1/2	774.47	1/2	519.64	1/2	264.48	1/2	19.13	1/2		1/2		1/2		1/2	
3/4	1,278.20	3/4	1,023.03	3/4	769.19	3/4	514.33	3/4	259.16	3/4		3/4		3/4		3/4		3/4	
8	1,272.88	8	1,017.71	8	763.91	8	509.01	8	253.84	8		8		8		8		8	
1/4	1,267.57	1/4	1,012.40	1/4	758.63	1/4	503.70	1/4	248.53	1/4		1/4		1/4		1/4		1/4	
1/2	1,262.25	1/2	1,007.08	1/2	753.34	1/2	498.38	1/2	243.21	1/2		1/2		1/2		1/2		1/2	
3/4	1,256.94	3/4	1,001.77	3/4	748.06	3/4	493.07	3/4	237.90	3/4		3/4		3/4		3/4		3/4	
9	1,251.62	9	996.45	9	742.78	9	487.75	9	232.58	9		9		9		9		9	
1/4	1,246.31	1/4	991.14	1/4	737.50	1/4	482.44	1/4	227.27	1/4		1/4		1/4		1/4		1/4	
1/2	1,240.99	1/2	985.83	1/2	732.21	1/2	477.12	1/2	221.99	1/2		1/2		1/2		1/2		1/2	
3/4	1,235.67	3/4	980.52	3/4	726.92	3/4	471.80	3/4	216.72	3/4		3/4		3/4		3/4		3/4	
10	1,230.35	10	975.21	10	721.63	10	466.48	10	211.45	10		10		10		10		10	
1/4	1,225.04	1/4	969.91	1/4	716.34	1/4	461.17	1/4	206.18	1/4		1/4		1/4		1/4		1/4	
1/2	1,219.72	1/2	964.62	1/2	711.02	1/2	455.85	1/2	201.04	1/2		1/2		1/2		1/2		1/2	
3/4	1,214.41	3/4	959.34	3/4	705.71	3/4	450.54	3/4	195.91	3/4		3/4		3/4		3/4		3/4	
11	1,209.09	11	954.06	11	700.39	11	445.22	11	190.77	11		11		11		11		11	
1/4	1,203.78	1/4	948.78	1/4	695.08	1/4	439.91	1/4	185.64	1/4		1/4		1/4		1/4		1/4	
1/2	1,198.46	1/2	943.49	1/2	689.76	1/2	434.59	1/2	180.50	1/2		1/2		1/2		1/2		1/2	
3/4	1,193.15	3/4	938.21	3/4	684.44	3/4	429.27	3/4	175.37	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/12/2006 INSP.  
RECALCULATED: 05/31/2024 CL  
VERIFIED: 05/31/2024 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2024

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





# BARGE "MMI 3050"

## 2 PORT INNAGE TABLE HERMETIC

GAUGE HEIGHT 15'-07 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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		0		0	2,934.91	0	2,683.11	0	2,431.30	0	2,179.49	0	1,927.68	0	1,675.87
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,929.67	1/4	2,677.87	1/4	2,426.06	1/4	2,174.25	1/4	1,922.44	1/4	1,670.63
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,162.10	1/2	2,924.42	1/2	2,672.62	1/2	2,420.81	1/2	2,169.00	1/2	1,917.19
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,159.14	3/4	2,919.18	3/4	2,667.37	3/4	2,415.56	3/4	2,163.76	3/4	1,911.95
1		1		1		1		1	3,156.17	1	2,913.93	1	2,662.12	1	2,410.31	1	2,158.51	1	1,906.70
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,153.21	1/4	2,908.69	1/4	2,656.88	1/4	2,405.07	1/4	2,153.27	1/4	1,901.46
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,149.33	1/2	2,903.44	1/2	2,651.63	1/2	2,399.82	1/2	2,148.02	1/2	1,896.21
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,145.45	3/4	2,898.20	3/4	2,646.39	3/4	2,394.58	3/4	2,142.77	3/4	1,890.96
2		2		2		2		2	3,141.57	2	2,892.95	2	2,641.14	2	2,389.33	2	2,137.52	2	1,885.71
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,137.70	1/4	2,887.71	1/4	2,635.90	1/4	2,384.09	1/4	2,132.28	1/4	1,880.47
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,132.90	1/2	2,882.46	1/2	2,630.65	1/2	2,378.84	1/2	2,127.03	1/2	1,875.22
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,128.11	3/4	2,877.21	3/4	2,625.40	3/4	2,373.60	3/4	2,121.79	3/4	1,869.98
3		3		3		3		3	3,123.32	3	2,871.96	3	2,620.15	3	2,368.35	3	2,116.54	3	1,864.73
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,118.53	1/4	2,866.72	1/4	2,614.91	1/4	2,363.11	1/4	2,111.30	1/4	1,859.49
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,113.28	1/2	2,861.47	1/2	2,609.66	1/2	2,357.86	1/2	2,106.05	1/2	1,854.24
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,108.04	3/4	2,856.23	3/4	2,604.42	3/4	2,352.61	3/4	2,100.80	3/4	1,849.00
4		4		4		4		4	3,102.79	4	2,850.98	4	2,599.17	4	2,347.36	4	2,095.55	4	1,843.75
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,097.55	1/4	2,845.74	1/4	2,593.93	1/4	2,342.12	1/4	2,090.31	1/4	1,838.51
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,092.30	1/2	2,840.49	1/2	2,588.68	1/2	2,336.87	1/2	2,085.06	1/2	1,833.26
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,087.05	3/4	2,835.24	3/4	2,583.44	3/4	2,331.63	3/4	2,079.82	3/4	1,828.01
5		5		5		5		5	3,081.80	5	2,829.99	5	2,578.19	5	2,326.38	5	2,074.57	5	1,822.76
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,076.56	1/4	2,824.75	1/4	2,572.95	1/4	2,321.14	1/4	2,069.33	1/4	1,817.52
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,071.31	1/2	2,819.50	1/2	2,567.70	1/2	2,315.89	1/2	2,064.08	1/2	1,812.27
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,066.07	3/4	2,814.26	3/4	2,562.45	3/4	2,310.64	3/4	2,058.84	3/4	1,807.03
6		6		6		6		6	3,060.82	6	2,809.01	6	2,557.20	6	2,305.39	6	2,053.59	6	1,801.78
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,055.58	1/4	2,803.77	1/4	2,551.96	1/4	2,300.15	1/4	2,048.35	1/4	1,796.54
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,050.33	1/2	2,798.52	1/2	2,546.71	1/2	2,294.90	1/2	2,043.10	1/2	1,791.29
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,045.08	3/4	2,793.28	3/4	2,541.47	3/4	2,289.66	3/4	2,037.85	3/4	1,786.04
7		7		7		7		7	3,039.83	7	2,788.03	7	2,536.22	7	2,284.41	7	2,032.60	7	1,780.79
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,034.59	1/4	2,782.79	1/4	2,530.98	1/4	2,279.17	1/4	2,027.36	1/4	1,775.55
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,029.34	1/2	2,777.54	1/2	2,525.73	1/2	2,273.92	1/2	2,022.11	1/2	1,770.30
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,024.10	3/4	2,772.29	3/4	2,520.48	3/4	2,268.68	3/4	2,016.87	3/4	1,765.06
8		8		8		8		8	3,018.85	8	2,767.04	8	2,515.23	8	2,263.43	8	2,011.62	8	1,759.81
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,013.61	1/4	2,761.80	1/4	2,509.99	1/4	2,258.19	1/4	2,006.38	1/4	1,754.57
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,008.36	1/2	2,756.55	1/2	2,504.74	1/2	2,252.94	1/2	2,001.13	1/2	1,749.32
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,003.12	3/4	2,751.31	3/4	2,499.50	3/4	2,247.69	3/4	1,995.88	3/4	1,744.08
9		9		9		9		9	2,997.87	9	2,746.06	9	2,494.25	9	2,242.44	9	1,990.63	9	1,738.83
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,992.63	1/4	2,740.82	1/4	2,489.01	1/4	2,237.20	1/4	1,985.39	1/4	1,733.59
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,987.38	1/2	2,735.57	1/2	2,483.76	1/2	2,231.95	1/2	1,980.14	1/2	1,728.34
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,982.13	3/4	2,730.32	3/4	2,478.52	3/4	2,226.71	3/4	1,974.90	3/4	1,723.09
10		10		10		10		10	2,976.88	10	2,725.07	10	2,473.27	10	2,221.46	10	1,969.65	10	1,717.84
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,971.64	1/4	2,719.83	1/4	2,468.03	1/4	2,216.22	1/4	1,964.41	1/4	1,712.60
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,966.39	1/2	2,714.58	1/2	2,462.78	1/2	2,210.97	1/2	1,959.16	1/2	1,707.35
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,961.15	3/4	2,709.34	3/4	2,457.53	3/4	2,205.72	3/4	1,953.92	3/4	1,702.11
11		11		11		11		11	2,955.90	11	2,704.09	11	2,452.28	11	2,200.47	11	1,948.67	11	1,696.86
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,950.66	1/4	2,698.85	1/4	2,447.04	1/4	2,195.23	1/4	1,943.43	1/4	1,691.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,945.41	1/2	2,693.60	1/2	2,441.79	1/2	2,189.98	1/2	1,938.18	1/2	1,686.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,940.16	3/4	2,688.36	3/4	2,436.55	3/4	2,184.74	3/4	1,932.93	3/4	1,681.12

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 WITH HERMETIC GAUGING DEVICE.  
GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

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



# BARGE "MMI 3050"

## 2 PORT INNAGE TABLE HERMETIC

GAUGE HEIGHT 15'-07 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	1,424.07	0	1,172.26	0	920.71	0	670.18	0	418.37	0	167.99	0		0		0		0	
1/4	1,418.83	1/4	1,167.02	1/4	915.50	1/4	664.94	1/4	413.13	1/4	162.92	1/4		1/4		1/4		1/4	
1/2	1,413.58	1/2	1,161.77	1/2	910.28	1/2	659.69	1/2	407.88	1/2	157.85	1/2		1/2		1/2		1/2	
3/4	1,408.33	3/4	1,156.52	3/4	905.07	3/4	654.44	3/4	402.64	3/4	152.78	3/4		3/4		3/4		3/4	
1	1,403.08	1	1,151.27	1	899.85	1	649.19	1	397.39	1	147.71	1		1		1		1	
1/4	1,397.84	1/4	1,146.03	1/4	894.64	1/4	643.95	1/4	392.15	1/4	142.65	1/4		1/4		1/4		1/4	
1/2	1,392.59	1/2	1,140.78	1/2	889.42	1/2	638.70	1/2	386.90	1/2	137.58	1/2		1/2		1/2		1/2	
3/4	1,387.35	3/4	1,135.54	3/4	884.21	3/4	633.46	3/4	381.65	3/4	132.51	3/4		3/4		3/4		3/4	
2	1,382.10	2	1,130.29	2	879.00	2	628.21	2	376.40	2	127.44	2		2		2		2	
1/4	1,376.86	1/4	1,125.05	1/4	873.79	1/4	622.97	1/4	371.16	1/4	122.38	1/4		1/4		1/4		1/4	
1/2	1,371.61	1/2	1,119.80	1/2	868.57	1/2	617.72	1/2	365.91	1/2	117.31	1/2		1/2		1/2		1/2	
3/4	1,366.36	3/4	1,114.56	3/4	863.36	3/4	612.48	3/4	360.67	3/4	112.24	3/4		3/4		3/4		3/4	
3	1,361.11	3	1,109.31	3	858.14	3	607.23	3	355.42	3	107.17	3		3		3		3	
1/4	1,355.87	1/4	1,104.07	1/4	852.93	1/4	601.99	1/4	350.18	1/4	102.11	1/4		1/4		1/4		1/4	
1/2	1,350.62	1/2	1,098.82	1/2	847.71	1/2	596.74	1/2	344.93	1/2	96.99	1/2		1/2		1/2		1/2	
3/4	1,345.38	3/4	1,093.57	3/4	842.50	3/4	591.49	3/4	339.68	3/4	91.88	3/4		3/4		3/4		3/4	
4	1,340.13	4	1,088.32	4	837.28	4	586.24	4	334.43	4	86.77	4		4		4		4	
1/4	1,334.89	1/4	1,083.08	1/4	832.07	1/4	581.00	1/4	329.19	1/4	81.66	1/4		1/4		1/4		1/4	
1/2	1,329.64	1/2	1,077.83	1/2	826.85	1/2	575.75	1/2	323.94	1/2	76.41	1/2		1/2		1/2		1/2	
3/4	1,324.40	3/4	1,072.59	3/4	821.64	3/4	570.51	3/4	318.70	3/4	71.16	3/4		3/4		3/4		3/4	
5	1,319.15	5	1,067.34	5	816.43	5	565.26	5	313.45	5	65.91	5		5		5		5	
1/4	1,313.91	1/4	1,062.10	1/4	811.22	1/4	560.02	1/4	308.21	1/4	60.67	1/4		1/4		1/4		1/4	
1/2	1,308.66	1/2	1,056.85	1/2	806.00	1/2	554.77	1/2	302.96	1/2	55.42	1/2		1/2		1/2		1/2	
3/4	1,303.41	3/4	1,051.60	3/4	800.79	3/4	549.52	3/4	297.72	3/4	50.18	3/4		3/4		3/4		3/4	
6	1,298.16	6	1,046.35	6	795.57	6	544.27	6	292.47	6	44.93	6		6		6		6	
1/4	1,292.92	1/4	1,041.11	1/4	790.36	1/4	539.03	1/4	287.23	1/4	39.69	1/4		1/4		1/4		1/4	
1/2	1,287.67	1/2	1,035.86	1/2	785.14	1/2	533.78	1/2	281.98	1/2	35.27	1/2		1/2		1/2		1/2	
3/4	1,282.43	3/4	1,030.62	3/4	779.93	3/4	528.54	3/4	276.73	3/4	30.86	3/4		3/4		3/4		3/4	
7	1,277.18	7	1,025.37	7	774.72	7	523.29	7	271.48	7	26.44	7		7		7		7	
1/4	1,271.94	1/4	1,020.13	1/4	769.51	1/4	518.05	1/4	266.24	1/4	22.03	1/4		1/4		1/4		1/4	
1/2	1,266.69	1/2	1,014.88	1/2	764.29	1/2	512.80	1/2	260.99	1/2	18.88	1/2		1/2		1/2		1/2	
3/4	1,261.44	3/4	1,009.64	3/4	759.08	3/4	507.56	3/4	255.75	3/4		3/4		3/4		3/4		3/4	
8	1,256.19	8	1,004.39	8	753.86	8	502.31	8	250.50	8		8		8		8		8	
1/4	1,250.95	1/4	999.15	1/4	748.65	1/4	497.07	1/4	245.26	1/4		1/4		1/4		1/4		1/4	
1/2	1,245.70	1/2	993.90	1/2	743.43	1/2	491.82	1/2	240.01	1/2		1/2		1/2		1/2		1/2	
3/4	1,240.46	3/4	988.65	3/4	738.22	3/4	486.57	3/4	234.76	3/4		3/4		3/4		3/4		3/4	
9	1,235.21	9	983.40	9	733.00	9	481.32	9	229.51	9		9		9		9		9	
1/4	1,229.97	1/4	978.16	1/4	727.79	1/4	476.08	1/4	224.27	1/4		1/4		1/4		1/4		1/4	
1/2	1,224.72	1/2	972.92	1/2	722.57	1/2	470.83	1/2	219.07	1/2		1/2		1/2		1/2		1/2	
3/4	1,219.48	3/4	967.68	3/4	717.35	3/4	465.59	3/4	213.87	3/4		3/4		3/4		3/4		3/4	
10	1,214.23	10	962.44	10	712.13	10	460.34	10	208.67	10		10		10		10		10	
1/4	1,208.99	1/4	957.21	1/4	706.91	1/4	455.10	1/4	203.47	1/4		1/4		1/4		1/4		1/4	
1/2	1,203.74	1/2	951.99	1/2	701.66	1/2	449.85	1/2	198.40	1/2		1/2		1/2		1/2		1/2	
3/4	1,198.49	3/4	946.78	3/4	696.41	3/4	444.60	3/4	193.33	3/4		3/4		3/4		3/4		3/4	
11	1,193.24	11	941.56	11	691.16	11	439.35	11	188.26	11		11		11		11		11	
1/4	1,188.00	1/4	936.35	1/4	685.92	1/4	434.11	1/4	183.20	1/4		1/4		1/4		1/4		1/4	
1/2	1,182.75	1/2	931.13	1/2	680.67	1/2	428.86	1/2	178.13	1/2		1/2		1/2		1/2		1/2	
3/4	1,177.51	3/4	925.92	3/4	675.43	3/4	423.62	3/4	173.06	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/12/2006 INSP.  
RECALCULATED: 05/31/2024 CL  
VERIFIED: 05/31/2024 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2024

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







# BARGE "MMI 3050"

2 STBD

## INNAGE TABLE HERMETIC

GAUGE HEIGHT 15'-07 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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		0		0	2,934.91	0	2,683.11	0	2,431.30	0	2,179.49	0	1,927.68	0	1,675.87
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,929.67	1/4	2,677.87	1/4	2,426.06	1/4	2,174.25	1/4	1,922.44	1/4	1,670.63
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,162.10	1/2	2,924.42	1/2	2,672.62	1/2	2,420.81	1/2	2,169.00	1/2	1,917.19
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,159.14	3/4	2,919.18	3/4	2,667.37	3/4	2,415.56	3/4	2,163.76	3/4	1,911.95
1		1		1		1		1	3,156.17	1	2,913.93	1	2,662.12	1	2,410.31	1	2,158.51	1	1,906.70
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,153.21	1/4	2,908.69	1/4	2,656.88	1/4	2,405.07	1/4	2,153.27	1/4	1,901.46
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,149.33	1/2	2,903.44	1/2	2,651.63	1/2	2,399.82	1/2	2,148.02	1/2	1,896.21
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,145.45	3/4	2,898.20	3/4	2,646.39	3/4	2,394.58	3/4	2,142.77	3/4	1,890.96
2		2		2		2		2	3,141.57	2	2,892.95	2	2,641.14	2	2,389.33	2	2,137.52	2	1,885.71
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,137.70	1/4	2,887.71	1/4	2,635.90	1/4	2,384.09	1/4	2,132.28	1/4	1,880.67
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,132.90	1/2	2,882.46	1/2	2,630.65	1/2	2,378.84	1/2	2,127.03	1/2	1,875.22
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,128.11	3/4	2,877.21	3/4	2,625.40	3/4	2,373.60	3/4	2,121.79	3/4	1,869.98
3		3		3		3		3	3,123.32	3	2,871.96	3	2,620.15	3	2,368.35	3	2,116.54	3	1,864.73
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,118.53	1/4	2,866.72	1/4	2,614.91	1/4	2,363.11	1/4	2,111.30	1/4	1,859.49
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,113.28	1/2	2,861.47	1/2	2,609.66	1/2	2,357.86	1/2	2,106.05	1/2	1,854.24
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,108.04	3/4	2,856.23	3/4	2,604.42	3/4	2,352.61	3/4	2,100.80	3/4	1,849.00
4		4		4		4		4	3,102.79	4	2,850.98	4	2,599.17	4	2,347.36	4	2,095.55	4	1,843.75
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,097.55	1/4	2,845.74	1/4	2,593.93	1/4	2,342.12	1/4	2,090.31	1/4	1,838.51
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,092.30	1/2	2,840.49	1/2	2,588.68	1/2	2,336.87	1/2	2,085.06	1/2	1,833.26
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,087.05	3/4	2,835.24	3/4	2,583.44	3/4	2,331.63	3/4	2,079.82	3/4	1,828.01
5		5		5		5		5	3,081.80	5	2,829.99	5	2,578.19	5	2,326.38	5	2,074.57	5	1,822.76
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,076.56	1/4	2,824.75	1/4	2,572.95	1/4	2,321.14	1/4	2,069.33	1/4	1,817.52
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,071.31	1/2	2,819.50	1/2	2,567.70	1/2	2,315.89	1/2	2,064.08	1/2	1,812.27
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,066.07	3/4	2,814.26	3/4	2,562.45	3/4	2,310.64	3/4	2,058.84	3/4	1,807.03
6		6		6		6		6	3,060.82	6	2,809.01	6	2,557.20	6	2,305.39	6	2,053.59	6	1,801.78
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,055.58	1/4	2,803.77	1/4	2,551.96	1/4	2,300.15	1/4	2,048.35	1/4	1,796.54
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,050.33	1/2	2,798.52	1/2	2,546.71	1/2	2,294.90	1/2	2,043.10	1/2	1,791.29
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,045.08	3/4	2,793.28	3/4	2,541.47	3/4	2,289.66	3/4	2,037.85	3/4	1,786.04
7		7		7		7		7	3,039.83	7	2,788.03	7	2,536.22	7	2,284.41	7	2,032.60	7	1,780.79
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,034.59	1/4	2,782.79	1/4	2,530.98	1/4	2,279.17	1/4	2,027.36	1/4	1,775.55
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,029.34	1/2	2,777.54	1/2	2,525.73	1/2	2,273.92	1/2	2,022.11	1/2	1,770.30
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,024.10	3/4	2,772.29	3/4	2,520.48	3/4	2,268.68	3/4	2,016.87	3/4	1,765.06
8		8		8		8		8	3,018.85	8	2,767.04	8	2,515.23	8	2,263.43	8	2,011.62	8	1,759.81
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,013.61	1/4	2,761.80	1/4	2,509.99	1/4	2,258.19	1/4	2,006.38	1/4	1,754.57
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,008.36	1/2	2,756.55	1/2	2,504.74	1/2	2,252.94	1/2	2,001.13	1/2	1,749.32
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,003.12	3/4	2,751.31	3/4	2,499.50	3/4	2,247.69	3/4	1,995.88	3/4	1,744.08
9		9		9		9		9	2,997.87	9	2,746.06	9	2,494.25	9	2,242.44	9	1,990.63	9	1,738.83
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,992.63	1/4	2,740.82	1/4	2,489.01	1/4	2,237.20	1/4	1,985.39	1/4	1,733.59
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,987.38	1/2	2,735.57	1/2	2,483.76	1/2	2,231.95	1/2	1,980.14	1/2	1,728.34
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,982.13	3/4	2,730.32	3/4	2,478.52	3/4	2,226.71	3/4	1,974.90	3/4	1,723.09
10		10		10		10		10	2,976.88	10	2,725.07	10	2,473.27	10	2,221.46	10	1,969.65	10	1,717.84
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,971.64	1/4	2,719.83	1/4	2,468.03	1/4	2,216.22	1/4	1,964.41	1/4	1,712.60
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,966.39	1/2	2,714.58	1/2	2,462.78	1/2	2,210.97	1/2	1,959.16	1/2	1,707.35
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,961.15	3/4	2,709.34	3/4	2,457.53	3/4	2,205.72	3/4	1,953.92	3/4	1,702.11
11		11		11		11		11	2,955.90	11	2,704.09	11	2,452.28	11	2,200.47	11	1,948.67	11	1,696.86
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,950.66	1/4	2,698.85	1/4	2,447.04	1/4	2,195.23	1/4	1,943.43	1/4	1,691.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,945.41	1/2	2,693.60	1/2	2,441.79	1/2	2,189.98	1/2	1,938.18	1/2	1,686.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,940.16	3/4	2,688.36	3/4	2,436.55	3/4	2,184.74	3/4	1,932.93	3/4	1,681.12

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 WITH HERMETIC GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

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





# BARGE "MMI 3050"

## 2 STBD

### INNAGE TABLE HERMETIC

GAUGE HEIGHT 15'-07 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	1,424.07	0	1,172.26	0	920.71	0	670.18	0	418.37	0	167.99	0		0		0		0	
1/4	1,418.83	1/4	1,167.02	1/4	915.50	1/4	664.94	1/4	413.13	1/4	162.92	1/4		1/4		1/4		1/4	
1/2	1,413.58	1/2	1,161.77	1/2	910.28	1/2	659.69	1/2	407.88	1/2	157.85	1/2		1/2		1/2		1/2	
3/4	1,408.33	3/4	1,156.52	3/4	905.07	3/4	654.44	3/4	402.64	3/4	152.78	3/4		3/4		3/4		3/4	
1	1,403.08	1	1,151.27	1	899.85	1	649.19	1	397.39	1	147.71	1		1		1		1	
1/4	1,397.84	1/4	1,146.03	1/4	894.64	1/4	643.95	1/4	392.15	1/4	142.65	1/4		1/4		1/4		1/4	
1/2	1,392.59	1/2	1,140.78	1/2	889.42	1/2	638.70	1/2	386.90	1/2	137.58	1/2		1/2		1/2		1/2	
3/4	1,387.35	3/4	1,135.54	3/4	884.21	3/4	633.46	3/4	381.65	3/4	132.51	3/4		3/4		3/4		3/4	
2	1,382.10	2	1,130.29	2	879.00	2	628.21	2	376.40	2	127.44	2		2		2		2	
1/4	1,376.86	1/4	1,125.05	1/4	873.79	1/4	622.97	1/4	371.16	1/4	122.38	1/4		1/4		1/4		1/4	
1/2	1,371.61	1/2	1,119.80	1/2	868.57	1/2	617.72	1/2	365.91	1/2	117.31	1/2		1/2		1/2		1/2	
3/4	1,366.36	3/4	1,114.56	3/4	863.36	3/4	612.48	3/4	360.67	3/4	112.24	3/4		3/4		3/4		3/4	
3	1,361.11	3	1,109.31	3	858.14	3	607.23	3	355.42	3	107.17	3		3		3		3	
1/4	1,355.87	1/4	1,104.07	1/4	852.93	1/4	601.99	1/4	350.18	1/4	102.11	1/4		1/4		1/4		1/4	
1/2	1,350.62	1/2	1,098.82	1/2	847.71	1/2	596.74	1/2	344.93	1/2	96.99	1/2		1/2		1/2		1/2	
3/4	1,345.38	3/4	1,093.57	3/4	842.50	3/4	591.49	3/4	339.68	3/4	91.88	3/4		3/4		3/4		3/4	
4	1,340.13	4	1,088.32	4	837.28	4	586.24	4	334.43	4	86.77	4		4		4		4	
1/4	1,334.89	1/4	1,083.08	1/4	832.07	1/4	581.00	1/4	329.19	1/4	81.66	1/4		1/4		1/4		1/4	
1/2	1,329.64	1/2	1,077.83	1/2	826.85	1/2	575.75	1/2	323.94	1/2	76.41	1/2		1/2		1/2		1/2	
3/4	1,324.40	3/4	1,072.59	3/4	821.64	3/4	570.51	3/4	318.70	3/4	71.16	3/4		3/4		3/4		3/4	
5	1,319.15	5	1,067.34	5	816.43	5	565.26	5	313.45	5	65.91	5		5		5		5	
1/4	1,313.91	1/4	1,062.10	1/4	811.22	1/4	560.02	1/4	308.21	1/4	60.67	1/4		1/4		1/4		1/4	
1/2	1,308.66	1/2	1,056.85	1/2	806.00	1/2	554.77	1/2	302.96	1/2	55.42	1/2		1/2		1/2		1/2	
3/4	1,303.41	3/4	1,051.60	3/4	800.79	3/4	549.52	3/4	297.72	3/4	50.18	3/4		3/4		3/4		3/4	
6	1,298.16	6	1,046.35	6	795.57	6	544.27	6	292.47	6	44.93	6		6		6		6	
1/4	1,292.92	1/4	1,041.11	1/4	790.36	1/4	539.03	1/4	287.23	1/4	39.69	1/4		1/4		1/4		1/4	
1/2	1,287.67	1/2	1,035.86	1/2	785.14	1/2	533.78	1/2	281.98	1/2	35.27	1/2		1/2		1/2		1/2	
3/4	1,282.43	3/4	1,030.62	3/4	779.93	3/4	528.54	3/4	276.73	3/4	30.86	3/4		3/4		3/4		3/4	
7	1,277.18	7	1,025.37	7	774.72	7	523.29	7	271.48	7	26.44	7		7		7		7	
1/4	1,271.94	1/4	1,020.13	1/4	769.51	1/4	518.05	1/4	266.24	1/4	22.03	1/4		1/4		1/4		1/4	
1/2	1,266.69	1/2	1,014.88	1/2	764.29	1/2	512.80	1/2	260.99	1/2	18.88	1/2		1/2		1/2		1/2	
3/4	1,261.44	3/4	1,009.64	3/4	759.08	3/4	507.56	3/4	255.75	3/4		3/4		3/4		3/4		3/4	
8	1,256.19	8	1,004.39	8	753.86	8	502.31	8	250.50	8		8		8		8		8	
1/4	1,250.95	1/4	999.15	1/4	748.65	1/4	497.07	1/4	245.26	1/4		1/4		1/4		1/4		1/4	
1/2	1,245.70	1/2	993.90	1/2	743.43	1/2	491.82	1/2	240.01	1/2		1/2		1/2		1/2		1/2	
3/4	1,240.46	3/4	988.65	3/4	738.22	3/4	486.57	3/4	234.76	3/4		3/4		3/4		3/4		3/4	
9	1,235.21	9	983.40	9	733.00	9	481.32	9	229.51	9		9		9		9		9	
1/4	1,229.97	1/4	978.16	1/4	727.79	1/4	476.08	1/4	224.27	1/4		1/4		1/4		1/4		1/4	
1/2	1,224.72	1/2	972.92	1/2	722.57	1/2	470.83	1/2	219.07	1/2		1/2		1/2		1/2		1/2	
3/4	1,219.48	3/4	967.68	3/4	717.35	3/4	465.59	3/4	213.87	3/4		3/4		3/4		3/4		3/4	
10	1,214.23	10	962.44	10	712.13	10	460.34	10	208.67	10		10		10		10		10	
1/4	1,208.99	1/4	957.21	1/4	706.91	1/4	455.10	1/4	203.47	1/4		1/4		1/4		1/4		1/4	
1/2	1,203.74	1/2	951.99	1/2	701.66	1/2	449.85	1/2	198.40	1/2		1/2		1/2		1/2		1/2	
3/4	1,198.49	3/4	946.78	3/4	696.41	3/4	444.60	3/4	193.33	3/4		3/4		3/4		3/4		3/4	
11	1,193.24	11	941.56	11	691.16	11	439.35	11	188.26	11		11		11		11		11	
1/4	1,188.00	1/4	936.35	1/4	685.92	1/4	434.11	1/4	183.20	1/4		1/4		1/4		1/4		1/4	
1/2	1,182.75	1/2	931.13	1/2	680.67	1/2	428.86	1/2	178.13	1/2		1/2		1/2		1/2		1/2	
3/4	1,177.51	3/4	925.92	3/4	675.43	3/4	423.62	3/4	173.06	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/12/2006 INSP.  
RECALCULATED: 05/31/2024 CL  
VERIFIED: 05/31/2024 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2024

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





# BARGE "MMI 3050"

## 3 PORT INNAGE TABLE HERMETIC

GAUGE HEIGHT 15'-07 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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		0		0	3,242.60	0	2,964.88	0	2,687.15	0	2,409.42	0	2,131.69	0	1,853.96
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,236.82	1/4	2,959.09	1/4	2,681.36	1/4	2,403.64	1/4	2,125.91	1/4	1,848.18
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,231.03	1/2	2,953.30	1/2	2,675.57	1/2	2,397.85	1/2	2,120.12	1/2	1,842.39
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,487.37	3/4	3,225.25	3/4	2,947.52	3/4	2,669.79	3/4	2,392.06	3/4	2,114.33
1		1		1		1		1	3,484.10	1	3,219.46	1	2,941.73	1	2,664.00	1	2,386.28	1	2,108.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,480.83	1/4	3,213.68	1/4	2,935.95	1/4	2,658.22	1/4	2,380.49	1/4	2,102.76
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,477.56	1/2	3,207.89	1/2	2,930.16	1/2	2,652.43	1/2	2,374.70	1/2	2,096.97
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,473.28	3/4	3,202.10	3/4	2,924.37	3/4	2,646.65	3/4	2,368.92	3/4	2,091.19
2		2		2		2		2	3,469.01	2	3,196.32	2	2,918.59	2	2,640.86	2	2,363.13	2	2,085.40
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,464.73	1/4	3,190.53	1/4	2,912.80	1/4	2,635.08	1/4	2,357.35	1/4	2,079.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,460.45	1/2	3,184.74	1/2	2,907.01	1/2	2,629.29	1/2	2,351.56	1/2	2,073.83
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,455.17	3/4	3,178.96	3/4	2,901.23	3/4	2,623.50	3/4	2,345.77	3/4	2,068.05
3		3		3		3		3	3,449.89	3	3,173.17	3	2,895.44	3	2,617.72	3	2,339.99	3	2,062.26
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,444.61	1/4	3,167.39	1/4	2,889.66	1/4	2,611.93	1/4	2,334.20	1/4	2,056.48
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,439.33	1/2	3,161.60	1/2	2,883.87	1/2	2,606.14	1/2	2,328.41	1/2	2,050.69
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,433.54	3/4	3,155.81	3/4	2,878.09	3/4	2,600.36	3/4	2,322.63	3/4	2,044.90
4		4		4		4		4	3,427.76	4	3,150.03	4	2,872.30	4	2,594.57	4	2,316.84	4	2,039.12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,421.97	1/4	3,144.24	1/4	2,866.52	1/4	2,588.79	1/4	2,311.06	1/4	2,033.33
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,416.18	1/2	3,138.45	1/2	2,860.73	1/2	2,583.00	1/2	2,305.27	1/2	2,027.54
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,410.40	3/4	3,132.67	3/4	2,854.94	3/4	2,577.21	3/4	2,299.49	3/4	2,021.76
5		5		5		5		5	3,404.61	5	3,126.88	5	2,849.16	5	2,571.43	5	2,293.70	5	2,015.97
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,398.83	1/4	3,121.10	1/4	2,843.37	1/4	2,565.64	1/4	2,287.92	1/4	2,010.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,393.04	1/2	3,115.31	1/2	2,837.58	1/2	2,559.85	1/2	2,282.13	1/2	2,004.40
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,387.25	3/4	3,109.53	3/4	2,831.80	3/4	2,554.07	3/4	2,276.34	3/4	1,998.61
6		6		6		6		6	3,381.47	6	3,103.74	6	2,826.01	6	2,548.28	6	2,270.56	6	1,992.83
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,375.68	1/4	3,097.96	1/4	2,820.23	1/4	2,542.50	1/4	2,264.77	1/4	1,987.04
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,369.89	1/2	3,092.17	1/2	2,814.44	1/2	2,536.71	1/2	2,258.98	1/2	1,981.25
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,364.11	3/4	3,086.38	3/4	2,808.65	3/4	2,530.93	3/4	2,253.20	3/4	1,975.47
7		7		7		7		7	3,358.32	7	3,080.60	7	2,802.87	7	2,525.14	7	2,247.41	7	1,969.68
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,352.54	1/4	3,074.81	1/4	2,797.08	1/4	2,519.36	1/4	2,241.63	1/4	1,963.90
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,346.75	1/2	3,069.02	1/2	2,791.29	1/2	2,513.57	1/2	2,235.84	1/2	1,958.11
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,340.97	3/4	3,063.24	3/4	2,785.51	3/4	2,507.78	3/4	2,230.05	3/4	1,952.33
8		8		8		8		8	3,335.18	8	3,057.45	8	2,779.72	8	2,502.00	8	2,224.27	8	1,946.54
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,329.40	1/4	3,051.67	1/4	2,773.94	1/4	2,496.21	1/4	2,218.48	1/4	1,940.76
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,323.61	1/2	3,045.88	1/2	2,768.15	1/2	2,490.42	1/2	2,212.69	1/2	1,934.97
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,317.82	3/4	3,040.09	3/4	2,762.37	3/4	2,484.64	3/4	2,206.91	3/4	1,929.18
9		9		9		9		9	3,312.04	9	3,034.31	9	2,756.58	9	2,478.85	9	2,201.12	9	1,923.40
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,306.25	1/4	3,028.52	1/4	2,750.80	1/4	2,473.07	1/4	2,195.34	1/4	1,917.61
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,300.46	1/2	3,022.73	1/2	2,745.01	1/2	2,467.28	1/2	2,189.55	1/2	1,911.82
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,294.68	3/4	3,016.95	3/4	2,739.22	3/4	2,461.49	3/4	2,183.77	3/4	1,906.04
10		10		10		10		10	3,288.89	10	3,011.16	10	2,733.44	10	2,455.71	10	2,177.98	10	1,900.25
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,283.11	1/4	3,005.38	1/4	2,727.65	1/4	2,449.92	1/4	2,172.20	1/4	1,894.47
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,277.32	1/2	2,999.59	1/2	2,721.86	1/2	2,444.13	1/2	2,166.41	1/2	1,888.68
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,271.53	3/4	2,993.81	3/4	2,716.08	3/4	2,438.35	3/4	2,160.62	3/4	1,882.89
11		11		11		11		11	3,265.75	11	2,988.02	11	2,710.29	11	2,432.56	11	2,154.84	11	1,877.11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,259.96	1/4	2,982.24	1/4	2,704.51	1/4	2,426.78	1/4	2,149.05	1/4	1,871.32
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,254.17	1/2	2,976.45	1/2	2,698.72	1/2	2,420.99	1/2	2,143.26	1/2	1,865.53
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,248.39	3/4	2,970.66	3/4	2,692.93	3/4	2,415.21	3/4	2,137.48	3/4	1,859.75

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 WITH HERMETIC GAUGING DEVICE.  
GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

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



# BARGE "MMI 3050"

## 3 PORT INNAGE TABLE HERMETIC

GAUGE HEIGHT 15'-07 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	1,576.24	0	1,298.51	0	1,021.05	0	744.88	0	467.15	0	190.81	0		0		0		0	
1/4	1,570.45	1/4	1,292.72	1/4	1,015.30	1/4	739.09	1/4	461.36	1/4	185.22	1/4		1/4		1/4		1/4	
1/2	1,564.66	1/2	1,286.93	1/2	1,009.55	1/2	733.30	1/2	455.57	1/2	179.63	1/2		1/2		1/2		1/2	
3/4	1,558.88	3/4	1,281.15	3/4	1,003.80	3/4	727.52	3/4	449.79	3/4	174.04	3/4		3/4		3/4		3/4	
1	1,553.09	1	1,275.36	1	998.06	1	721.73	1	444.00	1	168.46	1		1		1		1	
1/4	1,547.31	1/4	1,269.58	1/4	992.31	1/4	715.95	1/4	438.22	1/4	162.87	1/4		1/4		1/4		1/4	
1/2	1,541.52	1/2	1,263.79	1/2	986.56	1/2	710.16	1/2	432.43	1/2	157.28	1/2		1/2		1/2		1/2	
3/4	1,535.73	3/4	1,258.01	3/4	980.81	3/4	704.37	3/4	426.65	3/4	151.69	3/4		3/4		3/4		3/4	
2	1,529.95	2	1,252.22	2	975.06	2	698.59	2	420.86	2	146.10	2		2		2		2	
1/4	1,524.16	1/4	1,246.44	1/4	969.31	1/4	692.80	1/4	415.08	1/4	140.51	1/4		1/4		1/4		1/4	
1/2	1,518.37	1/2	1,240.65	1/2	963.56	1/2	687.01	1/2	409.29	1/2	134.92	1/2		1/2		1/2		1/2	
3/4	1,512.59	3/4	1,234.86	3/4	957.81	3/4	681.23	3/4	403.50	3/4	129.33	3/4		3/4		3/4		3/4	
3	1,506.80	3	1,229.08	3	952.07	3	675.44	3	397.72	3	123.75	3		3		3		3	
1/4	1,501.02	1/4	1,223.29	1/4	946.32	1/4	669.66	1/4	391.93	1/4	118.16	1/4		1/4		1/4		1/4	
1/2	1,495.23	1/2	1,217.50	1/2	940.57	1/2	663.87	1/2	386.14	1/2	112.57	1/2		1/2		1/2		1/2	
3/4	1,489.45	3/4	1,211.72	3/4	934.82	3/4	658.09	3/4	380.36	3/4	106.93	3/4		3/4		3/4		3/4	
4	1,483.66	4	1,205.93	4	929.08	4	652.30	4	374.57	4	101.30	4		4		4		4	
1/4	1,477.88	1/4	1,200.15	1/4	923.33	1/4	646.52	1/4	368.79	1/4	95.66	1/4		1/4		1/4		1/4	
1/2	1,472.09	1/2	1,194.36	1/2	917.58	1/2	640.73	1/2	363.00	1/2	90.02	1/2		1/2		1/2		1/2	
3/4	1,466.30	3/4	1,188.57	3/4	911.83	3/4	634.94	3/4	357.21	3/4	84.24	3/4		3/4		3/4		3/4	
5	1,460.52	5	1,182.79	5	906.09	5	629.16	5	351.43	5	78.45	5		5		5		5	
1/4	1,454.73	1/4	1,177.00	1/4	900.34	1/4	623.37	1/4	345.64	1/4	72.67	1/4		1/4		1/4		1/4	
1/2	1,448.94	1/2	1,171.21	1/2	894.59	1/2	617.58	1/2	339.85	1/2	66.88	1/2		1/2		1/2		1/2	
3/4	1,443.16	3/4	1,165.43	3/4	888.84	3/4	611.80	3/4	334.07	3/4	61.09	3/4		3/4		3/4		3/4	
6	1,437.37	6	1,159.64	6	883.10	6	606.01	6	328.28	6	55.31	6		6		6		6	
1/4	1,431.59	1/4	1,153.86	1/4	877.35	1/4	600.23	1/4	322.50	1/4	49.52	1/4		1/4		1/4		1/4	
1/2	1,425.80	1/2	1,148.07	1/2	871.60	1/2	594.44	1/2	316.71	1/2	43.73	1/2		1/2		1/2		1/2	
3/4	1,420.01	3/4	1,142.29	3/4	865.85	3/4	588.65	3/4	310.93	3/4	38.86	3/4		3/4		3/4		3/4	
7	1,414.23	7	1,136.50	7	860.10	7	582.87	7	305.14	7	34.00	7		7		7		7	
1/4	1,408.44	1/4	1,130.72	1/4	854.35	1/4	577.08	1/4	299.36	1/4	29.13	1/4		1/4		1/4		1/4	
1/2	1,402.65	1/2	1,124.93	1/2	848.60	1/2	571.29	1/2	293.57	1/2	24.26	1/2		1/2		1/2		1/2	
3/4	1,396.87	3/4	1,119.14	3/4	842.85	3/4	565.51	3/4	287.78	3/4	20.79	3/4		3/4		3/4		3/4	
8	1,391.08	8	1,113.36	8	837.11	8	559.72	8	282.00	8		8		8		8		8	
1/4	1,385.30	1/4	1,107.57	1/4	831.36	1/4	553.94	1/4	276.21	1/4		1/4		1/4		1/4		1/4	
1/2	1,379.51	1/2	1,101.78	1/2	825.61	1/2	548.15	1/2	270.42	1/2		1/2		1/2		1/2		1/2	
3/4	1,373.73	3/4	1,096.00	3/4	819.86	3/4	542.37	3/4	264.64	3/4		3/4		3/4		3/4		3/4	
9	1,367.94	9	1,090.21	9	814.12	9	536.58	9	258.85	9		9		9		9		9	
1/4	1,362.16	1/4	1,084.43	1/4	808.37	1/4	530.80	1/4	253.07	1/4		1/4		1/4		1/4		1/4	
1/2	1,356.37	1/2	1,078.64	1/2	802.62	1/2	525.01	1/2	247.28	1/2		1/2		1/2		1/2		1/2	
3/4	1,350.58	3/4	1,072.86	3/4	796.86	3/4	519.22	3/4	241.54	3/4		3/4		3/4		3/4		3/4	
10	1,344.80	10	1,067.09	10	791.11	10	513.44	10	235.81	10		10		10		10		10	
1/4	1,339.01	1/4	1,061.31	1/4	785.35	1/4	507.65	1/4	230.07	1/4		1/4		1/4		1/4		1/4	
1/2	1,333.22	1/2	1,055.53	1/2	779.59	1/2	501.86	1/2	224.33	1/2		1/2		1/2		1/2		1/2	
3/4	1,327.44	3/4	1,049.78	3/4	773.81	3/4	496.08	3/4	218.74	3/4		3/4		3/4		3/4		3/4	
11	1,321.65	11	1,044.04	11	768.02	11	490.29	11	213.16	11		11		11		11		11	
1/4	1,315.87	1/4	1,038.29	1/4	762.24	1/4	484.51	1/4	207.57	1/4		1/4		1/4		1/4		1/4	
1/2	1,310.08	1/2	1,032.54	1/2	756.45	1/2	478.72	1/2	201.98	1/2		1/2		1/2		1/2		1/2	
3/4	1,304.29	3/4	1,026.79	3/4	750.66	3/4	472.93	3/4	196.39	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/12/2006 INSP.  
RECALCULATED: 05/31/2024 CL  
VERIFIED: 05/31/2024 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2024

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



# BARGE "MMI 3050"

## 3 STBD INNAGE TABLE HERMETIC

GAUGE HEIGHT 15'-07 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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		0		0	3,242.60	0	2,964.88	0	2,687.15	0	2,409.42	0	2,131.69	0	1,853.96
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,236.82	1/4	2,959.09	1/4	2,681.36	1/4	2,403.64	1/4	2,125.91	1/4	1,848.18
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,231.03	1/2	2,953.30	1/2	2,675.57	1/2	2,397.85	1/2	2,120.12	1/2	1,842.39
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,487.37	3/4	3,225.25	3/4	2,947.52	3/4	2,669.79	3/4	2,392.06	3/4	2,114.33
1		1		1		1		1	3,484.10	1	3,219.46	1	2,941.73	1	2,664.00	1	2,386.28	1	2,108.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,480.83	1/4	3,213.68	1/4	2,935.95	1/4	2,658.22	1/4	2,380.49	1/4	2,102.76
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,477.56	1/2	3,207.89	1/2	2,930.16	1/2	2,652.43	1/2	2,374.70	1/2	2,096.97
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,473.28	3/4	3,202.10	3/4	2,924.37	3/4	2,646.65	3/4	2,368.92	3/4	2,091.19
2		2		2		2		2	3,469.01	2	3,196.32	2	2,918.59	2	2,640.86	2	2,363.13	2	2,085.40
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,464.73	1/4	3,190.53	1/4	2,912.80	1/4	2,635.08	1/4	2,357.35	1/4	2,079.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,460.45	1/2	3,184.74	1/2	2,907.01	1/2	2,629.29	1/2	2,351.56	1/2	2,073.83
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,455.17	3/4	3,178.96	3/4	2,901.23	3/4	2,623.50	3/4	2,345.77	3/4	2,068.05
3		3		3		3		3	3,449.89	3	3,173.17	3	2,895.44	3	2,617.72	3	2,339.99	3	2,062.26
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,444.61	1/4	3,167.39	1/4	2,889.66	1/4	2,611.93	1/4	2,334.20	1/4	2,056.48
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,439.33	1/2	3,161.60	1/2	2,883.87	1/2	2,606.14	1/2	2,328.41	1/2	2,050.69
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,433.54	3/4	3,155.81	3/4	2,878.09	3/4	2,600.36	3/4	2,322.63	3/4	2,044.90
4		4		4		4		4	3,427.76	4	3,150.03	4	2,872.30	4	2,594.57	4	2,316.84	4	2,039.12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,421.97	1/4	3,144.24	1/4	2,866.52	1/4	2,588.79	1/4	2,311.06	1/4	2,033.33
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,416.18	1/2	3,138.45	1/2	2,860.73	1/2	2,583.00	1/2	2,305.27	1/2	2,027.54
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,410.40	3/4	3,132.67	3/4	2,854.94	3/4	2,577.21	3/4	2,299.49	3/4	2,021.76
5		5		5		5		5	3,404.61	5	3,126.88	5	2,849.16	5	2,571.43	5	2,293.70	5	2,015.97
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,398.83	1/4	3,121.10	1/4	2,843.37	1/4	2,565.64	1/4	2,287.92	1/4	2,010.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,393.04	1/2	3,115.31	1/2	2,837.58	1/2	2,559.85	1/2	2,282.13	1/2	2,004.40
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,387.25	3/4	3,109.53	3/4	2,831.80	3/4	2,554.07	3/4	2,276.34	3/4	1,998.61
6		6		6		6		6	3,381.47	6	3,103.74	6	2,826.01	6	2,548.28	6	2,270.56	6	1,992.83
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,375.68	1/4	3,097.96	1/4	2,820.23	1/4	2,542.50	1/4	2,264.77	1/4	1,987.04
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,369.89	1/2	3,092.17	1/2	2,814.44	1/2	2,536.71	1/2	2,258.98	1/2	1,981.25
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,364.11	3/4	3,086.38	3/4	2,808.65	3/4	2,530.93	3/4	2,253.20	3/4	1,975.47
7		7		7		7		7	3,358.32	7	3,080.60	7	2,802.87	7	2,525.14	7	2,247.41	7	1,969.68
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,352.54	1/4	3,074.81	1/4	2,797.08	1/4	2,519.36	1/4	2,241.63	1/4	1,963.90
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,346.75	1/2	3,069.02	1/2	2,791.29	1/2	2,513.57	1/2	2,235.84	1/2	1,958.11
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,340.97	3/4	3,063.24	3/4	2,785.51	3/4	2,507.78	3/4	2,230.05	3/4	1,952.33
8		8		8		8		8	3,335.18	8	3,057.45	8	2,779.72	8	2,502.00	8	2,224.27	8	1,946.54
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,329.40	1/4	3,051.67	1/4	2,773.94	1/4	2,496.21	1/4	2,218.48	1/4	1,940.76
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,323.61	1/2	3,045.88	1/2	2,768.15	1/2	2,490.42	1/2	2,212.69	1/2	1,934.97
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,317.82	3/4	3,040.09	3/4	2,762.37	3/4	2,484.64	3/4	2,206.91	3/4	1,929.18
9		9		9		9		9	3,312.04	9	3,034.31	9	2,756.58	9	2,478.85	9	2,201.12	9	1,923.40
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,306.25	1/4	3,028.52	1/4	2,750.80	1/4	2,473.07	1/4	2,195.34	1/4	1,917.61
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,300.46	1/2	3,022.73	1/2	2,745.01	1/2	2,467.28	1/2	2,189.55	1/2	1,911.82
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,294.68	3/4	3,016.95	3/4	2,739.22	3/4	2,461.49	3/4	2,183.77	3/4	1,906.04
10		10		10		10		10	3,288.89	10	3,011.16	10	2,733.44	10	2,455.71	10	2,177.98	10	1,900.25
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,283.11	1/4	3,005.38	1/4	2,727.65	1/4	2,449.92	1/4	2,172.20	1/4	1,894.47
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,277.32	1/2	2,999.59	1/2	2,721.86	1/2	2,444.13	1/2	2,166.41	1/2	1,888.68
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,271.53	3/4	2,993.81	3/4	2,716.08	3/4	2,438.35	3/4	2,160.62	3/4	1,882.89
11		11		11		11		11	3,265.75	11	2,988.02	11	2,710.29	11	2,432.56	11	2,154.84	11	1,877.11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,259.96	1/4	2,982.24	1/4	2,704.51	1/4	2,426.78	1/4	2,149.05	1/4	1,871.32
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,254.17	1/2	2,976.45	1/2	2,698.72	1/2	2,420.99	1/2	2,143.26	1/2	1,865.53
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,248.39	3/4	2,970.66	3/4	2,692.93	3/4	2,415.21	3/4	2,137.48	3/4	1,859.75

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 WITH HERMETIC GAUGING DEVICE.  
GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

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



# BARGE "MMI 3050"

3 STBD

## INNAGE TABLE HERMETIC

GAUGE HEIGHT 15'-07 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	1,576.24	0	1,298.51	0	1,021.05	0	744.88	0	467.15	0	190.81	0		0		0		0	
1/4	1,570.45	1/4	1,292.72	1/4	1,015.30	1/4	739.09	1/4	461.36	1/4	185.22	1/4		1/4		1/4		1/4	
1/2	1,564.66	1/2	1,286.93	1/2	1,009.55	1/2	733.30	1/2	455.57	1/2	179.63	1/2		1/2		1/2		1/2	
3/4	1,558.88	3/4	1,281.15	3/4	1,003.80	3/4	727.52	3/4	449.79	3/4	174.04	3/4		3/4		3/4		3/4	
1	1,553.09	1	1,275.36	1	998.06	1	721.73	1	444.00	1	168.46	1		1		1		1	
1/4	1,547.31	1/4	1,269.58	1/4	992.31	1/4	715.95	1/4	438.22	1/4	162.87	1/4		1/4		1/4		1/4	
1/2	1,541.52	1/2	1,263.79	1/2	986.56	1/2	710.16	1/2	432.43	1/2	157.28	1/2		1/2		1/2		1/2	
3/4	1,535.73	3/4	1,258.01	3/4	980.81	3/4	704.37	3/4	426.65	3/4	151.69	3/4		3/4		3/4		3/4	
2	1,529.95	2	1,252.22	2	975.06	2	698.59	2	420.86	2	146.10	2		2		2		2	
1/4	1,524.16	1/4	1,246.44	1/4	969.31	1/4	692.80	1/4	415.08	1/4	140.51	1/4		1/4		1/4		1/4	
1/2	1,518.37	1/2	1,240.65	1/2	963.56	1/2	687.01	1/2	409.29	1/2	134.92	1/2		1/2		1/2		1/2	
3/4	1,512.59	3/4	1,234.86	3/4	957.81	3/4	681.23	3/4	403.50	3/4	129.33	3/4		3/4		3/4		3/4	
3	1,506.80	3	1,229.08	3	952.07	3	675.44	3	397.72	3	123.75	3		3		3		3	
1/4	1,501.02	1/4	1,223.29	1/4	946.32	1/4	669.66	1/4	391.93	1/4	118.16	1/4		1/4		1/4		1/4	
1/2	1,495.23	1/2	1,217.50	1/2	940.57	1/2	663.87	1/2	386.14	1/2	112.57	1/2		1/2		1/2		1/2	
3/4	1,489.45	3/4	1,211.72	3/4	934.82	3/4	658.09	3/4	380.36	3/4	106.93	3/4		3/4		3/4		3/4	
4	1,483.66	4	1,205.93	4	929.08	4	652.30	4	374.57	4	101.30	4		4		4		4	
1/4	1,477.88	1/4	1,200.15	1/4	923.33	1/4	646.52	1/4	368.79	1/4	95.66	1/4		1/4		1/4		1/4	
1/2	1,472.09	1/2	1,194.36	1/2	917.58	1/2	640.73	1/2	363.00	1/2	90.02	1/2		1/2		1/2		1/2	
3/4	1,466.30	3/4	1,188.57	3/4	911.83	3/4	634.94	3/4	357.21	3/4	84.24	3/4		3/4		3/4		3/4	
5	1,460.52	5	1,182.79	5	906.09	5	629.16	5	351.43	5	78.45	5		5		5		5	
1/4	1,454.73	1/4	1,177.00	1/4	900.34	1/4	623.37	1/4	345.64	1/4	72.67	1/4		1/4		1/4		1/4	
1/2	1,448.94	1/2	1,171.21	1/2	894.59	1/2	617.58	1/2	339.85	1/2	66.88	1/2		1/2		1/2		1/2	
3/4	1,443.16	3/4	1,165.43	3/4	888.84	3/4	611.80	3/4	334.07	3/4	61.09	3/4		3/4		3/4		3/4	
6	1,437.37	6	1,159.64	6	883.10	6	606.01	6	328.28	6	55.31	6		6		6		6	
1/4	1,431.59	1/4	1,153.86	1/4	877.35	1/4	600.23	1/4	322.50	1/4	49.52	1/4		1/4		1/4		1/4	
1/2	1,425.80	1/2	1,148.07	1/2	871.60	1/2	594.44	1/2	316.71	1/2	43.73	1/2		1/2		1/2		1/2	
3/4	1,420.01	3/4	1,142.29	3/4	865.85	3/4	588.65	3/4	310.93	3/4	38.86	3/4		3/4		3/4		3/4	
7	1,414.23	7	1,136.50	7	860.10	7	582.87	7	305.14	7	34.00	7		7		7		7	
1/4	1,408.44	1/4	1,130.72	1/4	854.35	1/4	577.08	1/4	299.36	1/4	29.13	1/4		1/4		1/4		1/4	
1/2	1,402.65	1/2	1,124.93	1/2	848.60	1/2	571.29	1/2	293.57	1/2	24.26	1/2		1/2		1/2		1/2	
3/4	1,396.87	3/4	1,119.14	3/4	842.85	3/4	565.51	3/4	287.78	3/4	20.79	3/4		3/4		3/4		3/4	
8	1,391.08	8	1,113.36	8	837.11	8	559.72	8	282.00	8		8		8		8		8	
1/4	1,385.30	1/4	1,107.57	1/4	831.36	1/4	553.94	1/4	276.21	1/4		1/4		1/4		1/4		1/4	
1/2	1,379.51	1/2	1,101.78	1/2	825.61	1/2	548.15	1/2	270.42	1/2		1/2		1/2		1/2		1/2	
3/4	1,373.73	3/4	1,096.00	3/4	819.86	3/4	542.37	3/4	264.64	3/4		3/4		3/4		3/4		3/4	
9	1,367.94	9	1,090.21	9	814.12	9	536.58	9	258.85	9		9		9		9		9	
1/4	1,362.16	1/4	1,084.43	1/4	808.37	1/4	530.80	1/4	253.07	1/4		1/4		1/4		1/4		1/4	
1/2	1,356.37	1/2	1,078.64	1/2	802.62	1/2	525.01	1/2	247.28	1/2		1/2		1/2		1/2		1/2	
3/4	1,350.58	3/4	1,072.86	3/4	796.86	3/4	519.22	3/4	241.54	3/4		3/4		3/4		3/4		3/4	
10	1,344.80	10	1,067.09	10	791.11	10	513.44	10	235.81	10		10		10		10		10	
1/4	1,339.01	1/4	1,061.31	1/4	785.35	1/4	507.65	1/4	230.07	1/4		1/4		1/4		1/4		1/4	
1/2	1,333.22	1/2	1,055.53	1/2	779.59	1/2	501.86	1/2	224.33	1/2		1/2		1/2		1/2		1/2	
3/4	1,327.44	3/4	1,049.78	3/4	773.81	3/4	496.08	3/4	218.74	3/4		3/4		3/4		3/4		3/4	
11	1,321.65	11	1,044.04	11	768.02	11	490.29	11	213.16	11		11		11		11		11	
1/4	1,315.87	1/4	1,038.29	1/4	762.24	1/4	484.51	1/4	207.57	1/4		1/4		1/4		1/4		1/4	
1/2	1,310.08	1/2	1,032.54	1/2	756.45	1/2	478.72	1/2	201.98	1/2		1/2		1/2		1/2		1/2	
3/4	1,304.29	3/4	1,026.79	3/4	750.66	3/4	472.93	3/4	196.39	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/12/2006 INSP.  
RECALCULATED: 05/31/2024 CL  
VERIFIED: 05/31/2024 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2024

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



# BARGE "MMI 3050"

## 4 PORT

### INNAGE TABLE

### HERMETIC

#### GAUGE HEIGHT 15'-07 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 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		1/4		1/4		1/4		1/4	3,058.15	1/4	2,937.66	1/4	2,666.04	1/4	2,389.94	1/4	2,113.85	1/4	1,837.75		
1/2		1/2		1/2		1/2	3,147.89	1/2	3,054.01	1/2	2,928.08	1/2	2,654.54	1/2	2,378.44	1/2	2,102.35	1/2	1,826.25		
3/4		3/4		3/4		3/4	3,146.72	3/4	3,051.94	3/4	2,922.97	3/4	2,648.79	3/4	2,372.69	3/4	2,096.60	3/4	1,820.50		
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>3,145.55</b>	<b>1</b>	<b>3,049.86</b>	<b>1</b>	<b>2,917.85</b>	<b>1</b>	<b>2,643.03</b>	<b>1</b>	<b>2,366.94</b>	<b>1</b>	<b>2,090.84</b>	<b>1</b>	<b>1,814.74</b>		
1/4		1/4		1/4		1/4	3,144.37	1/4	3,047.79	1/4	2,912.74	1/4	2,637.28	1/4	2,361.19	1/4	2,085.09	1/4	1,808.99		
1/2		1/2		1/2		1/2	3,142.84	1/2	3,045.72	1/2	2,907.15	1/2	2,631.53	1/2	2,355.44	1/2	2,079.34	1/2	1,803.24		
3/4		3/4		3/4		3/4	3,141.31	3/4	3,043.65	3/4	2,901.56	3/4	2,625.78	3/4	2,349.69	3/4	2,073.59	3/4	1,797.49		
<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>3,139.78</b>	<b>2</b>	<b>3,041.58</b>	<b>2</b>	<b>2,895.96</b>	<b>2</b>	<b>2,620.02</b>	<b>2</b>	<b>2,343.93</b>	<b>2</b>	<b>2,067.83</b>	<b>2</b>	<b>1,791.73</b>		
1/4		1/4		1/4		1/4	3,138.24	1/4	3,039.51	1/4	2,890.37	1/4	2,614.27	1/4	2,338.18	1/4	2,062.08	1/4	1,785.98		
1/2		1/2		1/2		1/2	3,136.35	1/2	3,037.44	1/2	2,884.62	1/2	2,608.52	1/2	2,332.43	1/2	2,056.33	1/2	1,780.23		
3/4		3/4		3/4		3/4	3,134.46	3/4	3,035.37	3/4	2,878.87	3/4	2,602.77	3/4	2,326.68	3/4	2,050.58	3/4	1,774.48		
<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3,132.57</b>	<b>3</b>	<b>3,033.29</b>	<b>3</b>	<b>2,873.11</b>	<b>3</b>	<b>2,597.02</b>	<b>3</b>	<b>2,320.92</b>	<b>3</b>	<b>2,044.82</b>	<b>3</b>	<b>1,768.73</b>		
1/4		1/4		1/4		1/4	3,130.67	1/4	3,031.22	1/4	2,867.36	1/4	2,591.27	1/4	2,315.17	1/4	2,039.07	1/4	1,762.98		
1/2		1/2		1/2		1/2	3,128.60	1/2	3,029.15	1/2	2,861.61	1/2	2,585.52	1/2	2,309.42	1/2	2,033.32	1/2	1,757.23		
3/4		3/4		3/4		3/4	3,126.53	3/4	3,027.08	3/4	2,855.86	3/4	2,579.77	3/4	2,303.67	3/4	2,027.57	3/4	1,751.48		
<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>3,124.46</b>	<b>4</b>	<b>3,025.00</b>	<b>4</b>	<b>2,850.10</b>	<b>4</b>	<b>2,574.01</b>	<b>4</b>	<b>2,297.91</b>	<b>4</b>	<b>2,021.81</b>	<b>4</b>	<b>1,745.72</b>		
1/4		1/4		1/4		1/4	3,122.39	1/4	3,022.93	1/4	2,844.35	1/4	2,568.26	1/4	2,292.16	1/4	2,016.06	1/4	1,739.97		
1/2		1/2		1/2		1/2	3,120.32	1/2	3,020.86	1/2	2,838.60	1/2	2,562.51	1/2	2,286.41	1/2	2,010.31	1/2	1,734.22		
3/4		3/4		3/4		3/4	3,118.25	3/4	3,018.79	3/4	2,832.85	3/4	2,556.76	3/4	2,280.66	3/4	2,004.56	3/4	1,728.47		
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>3,116.18</b>	<b>5</b>	<b>3,016.71</b>	<b>5</b>	<b>2,827.10</b>	<b>5</b>	<b>2,551.00</b>	<b>5</b>	<b>2,274.90</b>	<b>5</b>	<b>1,998.81</b>	<b>5</b>	<b>1,722.71</b>		
1/4		1/4		1/4		1/4	3,114.10	1/4	3,014.64	1/4	2,821.35	1/4	2,545.25	1/4	2,269.15	1/4	1,993.06	1/4	1,716.96		
1/2		1/2		1/2		1/2	3,112.03	1/2	3,012.57	1/2	2,815.60	1/2	2,539.50	1/2	2,263.40	1/2	1,987.31	1/2	1,711.21		
3/4		3/4		3/4		3/4	3,109.96	3/4	3,010.50	3/4	2,809.85	3/4	2,533.75	3/4	2,257.65	3/4	1,981.56	3/4	1,705.46		
<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>3,107.89</b>	<b>6</b>	<b>3,008.42</b>	<b>6</b>	<b>2,804.09</b>	<b>6</b>	<b>2,527.99</b>	<b>6</b>	<b>2,251.90</b>	<b>6</b>	<b>1,975.80</b>	<b>6</b>	<b>1,699.70</b>		
1/4		1/4		1/4		1/4	3,105.81	1/4	3,006.35	1/4	2,798.34	1/4	2,522.24	1/4	2,246.15	1/4	1,970.05	1/4	1,693.95		
1/2		1/2		1/2		1/2	3,103.74	1/2	3,004.28	1/2	2,792.59	1/2	2,516.49	1/2	2,240.40	1/2	1,964.30	1/2	1,688.20		
3/4		3/4		3/4		3/4	3,101.67	3/4	3,002.21	3/4	2,786.84	3/4	2,510.74	3/4	2,234.65	3/4	1,958.55	3/4	1,682.45		
<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>3,099.60</b>	<b>7</b>	<b>3,000.14</b>	<b>7</b>	<b>2,781.08</b>	<b>7</b>	<b>2,504.98</b>	<b>7</b>	<b>2,228.89</b>	<b>7</b>	<b>1,952.79</b>	<b>7</b>	<b>1,676.69</b>		
1/4		1/4		1/4		1/4	3,097.52	1/4	2,998.07	1/4	2,775.33	1/4	2,499.23	1/4	2,223.14	1/4	1,947.04	1/4	1,670.94		
1/2		1/2		1/2		1/2	3,095.45	1/2	2,995.94	1/2	2,769.58	1/2	2,493.48	1/2	2,217.39	1/2	1,941.29	1/2	1,665.19		
3/4		3/4		3/4		3/4	3,093.38	3/4	2,993.81	3/4	2,763.83	3/4	2,487.73	3/4	2,211.64	3/4	1,935.54	3/4	1,659.44		
<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>3,091.31</b>	<b>8</b>	<b>2,991.67</b>	<b>8</b>	<b>2,758.07</b>	<b>8</b>	<b>2,481.98</b>	<b>8</b>	<b>2,205.88</b>	<b>8</b>	<b>1,929.78</b>	<b>8</b>	<b>1,653.69</b>		
1/4		1/4		1/4		1/4	3,089.23	1/4	2,989.54	1/4	2,752.32	1/4	2,476.23	1/4	2,200.13	1/4	1,924.03	1/4	1,647.94		
1/2		1/2		1/2		1/2	3,087.16	1/2	2,986.95	1/2	2,746.57	1/2	2,470.48	1/2	2,194.38	1/2	1,918.28	1/2	1,642.19		
3/4		3/4		3/4		3/4	3,085.09	3/4	2,984.36	3/4	2,740.82	3/4	2,464.73	3/4	2,188.63	3/4	1,912.53	3/4	1,636.44		
<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>3,083.02</b>	<b>9</b>	<b>2,981.76</b>	<b>9</b>	<b>2,735.06</b>	<b>9</b>	<b>2,458.97</b>	<b>9</b>	<b>2,182.87</b>	<b>9</b>	<b>1,906.77</b>	<b>9</b>	<b>1,630.68</b>		
1/4		1/4		1/4		1/4	3,080.95	1/4	2,979.17	1/4	2,729.31	1/4	2,453.22	1/4	2,177.12	1/4	1,901.02	1/4	1,624.93		
1/2		1/2		1/2		1/2	3,078.88	1/2	2,975.98	1/2	2,723.56	1/2	2,447.47	1/2	2,171.37	1/2	1,895.27	1/2	1,619.18		
3/4		3/4		3/4		3/4	3,076.81	3/4	2,972.79	3/4	2,717.81	3/4	2,441.72	3/4	2,165.62	3/4	1,889.52	3/4	1,613.43		
<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>3,074.74</b>	<b>10</b>	<b>2,969.59</b>	<b>10</b>	<b>2,712.06</b>	<b>10</b>	<b>2,435.96</b>	<b>10</b>	<b>2,159.86</b>	<b>10</b>	<b>1,883.77</b>	<b>10</b>	<b>1,607.67</b>		
1/4		1/4		1/4		1/4	3,072.66	1/4	2,966.40	1/4	2,706.31	1/4	2,430.21	1/4	2,154.11	1/4	1,878.02	1/4	1,601.92		
1/2		1/2		1/2		1/2	3,070.59	1/2	2,962.57	1/2	2,700.56	1/2	2,424.46	1/2	2,148.36	1/2	1,872.27	1/2	1,596.17		
3/4		3/4		3/4		3/4	3,068.52	3/4	2,958.74	3/4	2,694.81	3/4	2,418.71	3/4	2,142.61	3/4	1,866.52	3/4	1,590.42		
<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>3,066.44</b>	<b>11</b>	<b>2,954.90</b>	<b>11</b>	<b>2,689.05</b>	<b>11</b>	<b>2,412.95</b>	<b>11</b>	<b>2,136.85</b>	<b>11</b>	<b>1,860.76</b>	<b>11</b>	<b>1,584.66</b>		
1/4		1/4		1/4		1/4	3,064.37	1/4	2,951.07	1/4	2,683.30	1/4	2,407.20	1/4	2,131.10	1/4	1,855.01	1/4	1,578.91		
1/2		1/2		1/2		1/2	3,062.30	1/2	2,946.60	1/2	2,677.55	1/2	2,401.45	1/2	2,125.35	1/2	1,849.26	1/2	1,573.16		
3/4		3/4		3/4		3/4	3,060.23	3/4	2,942.13	3/4	2,671.80	3/4	2,395.70	3/4	2,119.60	3/4	1,843.51	3/4	1,567.41		

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 WITH HERMETIC GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 54'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>





# BARGE "MMI 3050"

## 4 PORT INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-07 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	1,561.65	0	1,285.56	0	1,009.76	0	735.09	0	459.00	0	184.36	0		0		0		0	
1/4	1,555.90	1/4	1,279.81	1/4	1,004.04	1/4	729.34	1/4	453.25	1/4	178.79	1/4		1/4		1/4		1/4	
1/2	1,550.15	1/2	1,274.06	1/2	998.32	1/2	723.59	1/2	447.50	1/2	173.22	1/2		1/2		1/2		1/2	
3/4	1,544.40	3/4	1,268.31	3/4	992.61	3/4	717.84	3/4	441.75	3/4	167.65	3/4		3/4		3/4		3/4	
1	1,538.65	1	1,262.55	1	986.89	1	712.09	1	435.99	1	162.08	1		1		1		1	
1/4	1,532.90	1/4	1,256.80	1/4	981.17	1/4	706.34	1/4	430.24	1/4	156.51	1/4		1/4		1/4		1/4	
1/2	1,527.15	1/2	1,251.05	1/2	975.46	1/2	700.59	1/2	424.49	1/2	150.94	1/2		1/2		1/2		1/2	
3/4	1,521.40	3/4	1,245.30	3/4	969.74	3/4	694.84	3/4	418.74	3/4	145.37	3/4		3/4		3/4		3/4	
2	1,515.64	2	1,239.54	2	964.03	2	689.08	2	412.98	2	139.80	2		2		2		2	
1/4	1,509.89	1/4	1,233.79	1/4	958.31	1/4	683.33	1/4	407.23	1/4	134.23	1/4		1/4		1/4		1/4	
1/2	1,504.14	1/2	1,228.04	1/2	952.59	1/2	677.58	1/2	401.48	1/2	128.66	1/2		1/2		1/2		1/2	
3/4	1,498.39	3/4	1,222.29	3/4	946.88	3/4	671.83	3/4	395.73	3/4	123.09	3/4		3/4		3/4		3/4	
3	1,492.63	3	1,216.53	3	941.16	3	666.07	3	389.97	3	117.52	3		3		3		3	
1/4	1,486.88	1/4	1,210.78	1/4	935.44	1/4	660.32	1/4	384.22	1/4	111.95	1/4		1/4		1/4		1/4	
1/2	1,481.13	1/2	1,205.03	1/2	929.73	1/2	654.57	1/2	378.47	1/2	106.34	1/2		1/2		1/2		1/2	
3/4	1,475.38	3/4	1,199.28	3/4	924.01	3/4	648.82	3/4	372.72	3/4	100.72	3/4		3/4		3/4		3/4	
4	1,469.62	4	1,193.53	4	918.30	4	643.06	4	366.97	4	95.11	4		4		4		4	
1/4	1,463.87	1/4	1,187.78	1/4	912.58	1/4	637.31	1/4	361.22	1/4	89.49	1/4		1/4		1/4		1/4	
1/2	1,458.12	1/2	1,182.03	1/2	906.87	1/2	631.56	1/2	355.47	1/2	83.74	1/2		1/2		1/2		1/2	
3/4	1,452.37	3/4	1,176.28	3/4	901.15	3/4	625.81	3/4	349.72	3/4	77.99	3/4		3/4		3/4		3/4	
5	1,446.61	5	1,170.52	5	895.44	5	620.05	5	343.96	5	72.23	5		5		5		5	
1/4	1,440.86	1/4	1,164.77	1/4	889.72	1/4	614.30	1/4	338.21	1/4	66.48	1/4		1/4		1/4		1/4	
1/2	1,435.11	1/2	1,159.02	1/2	884.00	1/2	608.55	1/2	332.46	1/2	60.73	1/2		1/2		1/2		1/2	
3/4	1,429.36	3/4	1,153.27	3/4	878.29	3/4	602.80	3/4	326.71	3/4	54.98	3/4		3/4		3/4		3/4	
6	1,423.61	6	1,147.51	6	872.57	6	597.05	6	320.95	6	49.22	6		6		6		6	
1/4	1,417.86	1/4	1,141.76	1/4	866.85	1/4	591.30	1/4	315.20	1/4	43.47	1/4		1/4		1/4		1/4	
1/2	1,412.11	1/2	1,136.01	1/2	861.14	1/2	585.55	1/2	309.45	1/2	38.63	1/2		1/2		1/2		1/2	
3/4	1,406.36	3/4	1,130.26	3/4	855.42	3/4	579.80	3/4	303.70	3/4	33.79	3/4		3/4		3/4		3/4	
7	1,400.60	7	1,124.50	7	849.71	7	574.04	7	297.94	7	28.95	7		7		7		7	
1/4	1,394.85	1/4	1,118.75	1/4	843.99	1/4	568.29	1/4	292.19	1/4	24.11	1/4		1/4		1/4		1/4	
1/2	1,389.10	1/2	1,113.00	1/2	838.27	1/2	562.54	1/2	286.44	1/2	20.66	1/2		1/2		1/2		1/2	
3/4	1,383.35	3/4	1,107.25	3/4	832.56	3/4	556.79	3/4	280.69	3/4		3/4		3/4		3/4		3/4	
8	1,377.59	8	1,101.49	8	826.84	8	551.03	8	274.94	8		8		8		8		8	
1/4	1,371.84	1/4	1,095.74	1/4	821.12	1/4	545.28	1/4	269.19	1/4		1/4		1/4		1/4		1/4	
1/2	1,366.09	1/2	1,089.99	1/2	815.41	1/2	539.53	1/2	263.44	1/2		1/2		1/2		1/2		1/2	
3/4	1,360.34	3/4	1,084.24	3/4	809.69	3/4	533.78	3/4	257.69	3/4		3/4		3/4		3/4		3/4	
9	1,354.58	9	1,078.49	9	803.98	9	528.02	9	251.93	9		9		9		9		9	
1/4	1,348.83	1/4	1,072.74	1/4	798.26	1/4	522.27	1/4	246.18	1/4		1/4		1/4		1/4		1/4	
1/2	1,343.08	1/2	1,067.00	1/2	792.54	1/2	516.52	1/2	240.47	1/2		1/2		1/2		1/2		1/2	
3/4	1,337.33	3/4	1,061.25	3/4	786.81	3/4	510.77	3/4	234.77	3/4		3/4		3/4		3/4		3/4	
10	1,331.57	10	1,055.51	10	781.09	10	505.01	10	229.06	10		10		10		10		10	
1/4	1,325.82	1/4	1,049.76	1/4	775.36	1/4	499.26	1/4	223.35	1/4		1/4		1/4		1/4		1/4	
1/2	1,320.07	1/2	1,044.05	1/2	769.61	1/2	493.51	1/2	217.78	1/2		1/2		1/2		1/2		1/2	
3/4	1,314.32	3/4	1,038.33	3/4	763.86	3/4	487.76	3/4	212.21	3/4		3/4		3/4		3/4		3/4	
11	1,308.57	11	1,032.62	11	758.10	11	482.01	11	206.64	11		11		11		11		11	
1/4	1,302.82	1/4	1,026.90	1/4	752.35	1/4	476.26	1/4	201.07	1/4		1/4		1/4		1/4		1/4	
1/2	1,297.07	1/2	1,021.19	1/2	746.60	1/2	470.51	1/2	195.50	1/2		1/2		1/2		1/2		1/2	
3/4	1,291.32	3/4	1,015.47	3/4	740.85	3/4	464.76	3/4	189.93	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/12/2006 INSP.  
RECALCULATED: 05/31/2024 CL  
VERIFIED: 05/31/2024 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2024

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





# BARGE "MMI 3050"

4 STBD

INNAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-07 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 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		1/4		1/4		1/4		1/4	3,058.15	1/4	2,937.66	1/4	2,666.04	1/4	2,389.94	1/4	2,113.85	1/4	1,837.75		
1/2		1/2		1/2		1/2		1/2	3,056.08	1/2	2,933.19	1/2	2,660.29	1/2	2,384.19	1/2	2,108.10	1/2	1,832.00		
3/4		3/4		3/4		3/4	3,147.89	3/4	3,054.01	3/4	2,928.08	3/4	2,654.54	3/4	2,378.44	3/4	2,102.35	3/4	1,826.25		
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>3,146.72</b>	<b>1</b>	<b>3,051.94</b>	<b>1</b>	<b>2,922.97</b>	<b>1</b>	<b>2,648.79</b>	<b>1</b>	<b>2,372.69</b>	<b>1</b>	<b>2,096.60</b>	<b>1</b>	<b>1,820.50</b>		
1/4		1/4		1/4		1/4		1/4	3,145.55	1/4	3,049.86	1/4	2,917.85	1/4	2,643.03	1/4	2,366.94	1/4	2,090.84	1/4	1,814.74
1/2		1/2		1/2		1/2		1/2	3,144.37	1/2	3,047.79	1/2	2,912.74	1/2	2,637.28	1/2	2,361.19	1/2	2,085.09	1/2	1,808.99
3/4		3/4		3/4		3/4	3,142.84	3/4	3,045.72	3/4	2,907.15	3/4	2,631.53	3/4	2,355.44	3/4	2,079.34	3/4	1,803.24		
<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>3,141.31</b>	<b>2</b>	<b>3,043.65</b>	<b>2</b>	<b>2,901.56</b>	<b>2</b>	<b>2,625.78</b>	<b>2</b>	<b>2,349.69</b>	<b>2</b>	<b>2,073.59</b>	<b>2</b>	<b>1,797.49</b>		
1/4		1/4		1/4		1/4		1/4	3,139.78	1/4	3,041.58	1/4	2,895.96	1/4	2,620.02	1/4	2,343.93	1/4	2,067.83	1/4	1,791.73
1/2		1/2		1/2		1/2		1/2	3,138.24	1/2	3,039.51	1/2	2,890.37	1/2	2,614.27	1/2	2,338.18	1/2	2,062.08	1/2	1,785.98
3/4		3/4		3/4		3/4	3,136.35	3/4	3,037.44	3/4	2,884.62	3/4	2,608.52	3/4	2,332.43	3/4	2,056.33	3/4	1,780.23		
<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3,134.46</b>	<b>3</b>	<b>3,035.37</b>	<b>3</b>	<b>2,878.87</b>	<b>3</b>	<b>2,602.77</b>	<b>3</b>	<b>2,326.68</b>	<b>3</b>	<b>2,050.58</b>	<b>3</b>	<b>1,774.48</b>		
1/4		1/4		1/4		1/4		1/4	3,132.57	1/4	3,033.29	1/4	2,873.11	1/4	2,597.02	1/4	2,320.92	1/4	2,044.82	1/4	1,768.73
1/2		1/2		1/2		1/2		1/2	3,130.67	1/2	3,031.22	1/2	2,867.36	1/2	2,591.27	1/2	2,315.17	1/2	2,039.07	1/2	1,762.98
3/4		3/4		3/4		3/4	3,128.60	3/4	3,029.15	3/4	2,861.61	3/4	2,585.52	3/4	2,309.42	3/4	2,033.32	3/4	1,757.23		
<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>3,126.53</b>	<b>4</b>	<b>3,027.08</b>	<b>4</b>	<b>2,855.86</b>	<b>4</b>	<b>2,579.77</b>	<b>4</b>	<b>2,303.67</b>	<b>4</b>	<b>2,027.57</b>	<b>4</b>	<b>1,751.48</b>		
1/4		1/4		1/4		1/4		1/4	3,124.46	1/4	3,025.00	1/4	2,850.10	1/4	2,574.01	1/4	2,297.91	1/4	2,021.81	1/4	1,745.72
1/2		1/2		1/2		1/2		1/2	3,122.39	1/2	3,022.93	1/2	2,844.35	1/2	2,568.26	1/2	2,292.16	1/2	2,016.06	1/2	1,739.97
3/4		3/4		3/4		3/4	3,120.32	3/4	3,020.86	3/4	2,838.60	3/4	2,562.51	3/4	2,286.41	3/4	2,010.31	3/4	1,734.22		
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>3,118.25</b>	<b>5</b>	<b>3,018.79</b>	<b>5</b>	<b>2,832.85</b>	<b>5</b>	<b>2,556.76</b>	<b>5</b>	<b>2,280.66</b>	<b>5</b>	<b>2,004.56</b>	<b>5</b>	<b>1,728.47</b>		
1/4		1/4		1/4		1/4		1/4	3,116.18	1/4	3,016.71	1/4	2,827.10	1/4	2,551.00	1/4	2,274.90	1/4	1,998.81	1/4	1,722.71
1/2		1/2		1/2		1/2		1/2	3,114.10	1/2	3,014.64	1/2	2,821.35	1/2	2,545.25	1/2	2,269.15	1/2	1,993.06	1/2	1,716.96
3/4		3/4		3/4		3/4	3,112.03	3/4	3,012.57	3/4	2,815.60	3/4	2,539.50	3/4	2,263.40	3/4	1,987.31	3/4	1,711.21		
<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>3,109.96</b>	<b>6</b>	<b>3,010.50</b>	<b>6</b>	<b>2,809.85</b>	<b>6</b>	<b>2,533.75</b>	<b>6</b>	<b>2,257.65</b>	<b>6</b>	<b>1,981.56</b>	<b>6</b>	<b>1,705.46</b>		
1/4		1/4		1/4		1/4		1/4	3,107.89	1/4	3,008.42	1/4	2,804.09	1/4	2,527.99	1/4	2,251.90	1/4	1,975.80	1/4	1,699.70
1/2		1/2		1/2		1/2		1/2	3,105.81	1/2	3,006.35	1/2	2,798.34	1/2	2,522.24	1/2	2,246.15	1/2	1,970.05	1/2	1,693.95
3/4		3/4		3/4		3/4	3,103.74	3/4	3,004.28	3/4	2,792.59	3/4	2,516.49	3/4	2,240.40	3/4	1,964.30	3/4	1,688.20		
<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>3,101.67</b>	<b>7</b>	<b>3,002.21</b>	<b>7</b>	<b>2,786.84</b>	<b>7</b>	<b>2,510.74</b>	<b>7</b>	<b>2,234.65</b>	<b>7</b>	<b>1,958.55</b>	<b>7</b>	<b>1,682.45</b>		
1/4		1/4		1/4		1/4		1/4	3,099.60	1/4	3,000.14	1/4	2,781.08	1/4	2,504.98	1/4	2,228.89	1/4	1,952.79	1/4	1,676.69
1/2		1/2		1/2		1/2		1/2	3,097.52	1/2	2,998.07	1/2	2,775.33	1/2	2,499.23	1/2	2,223.14	1/2	1,947.04	1/2	1,670.94
3/4		3/4		3/4		3/4	3,095.45	3/4	2,995.94	3/4	2,769.58	3/4	2,493.48	3/4	2,217.39	3/4	1,941.29	3/4	1,665.19		
<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>3,093.38</b>	<b>8</b>	<b>2,993.81</b>	<b>8</b>	<b>2,763.83</b>	<b>8</b>	<b>2,487.73</b>	<b>8</b>	<b>2,211.64</b>	<b>8</b>	<b>1,935.54</b>	<b>8</b>	<b>1,659.44</b>		
1/4		1/4		1/4		1/4		1/4	3,091.31	1/4	2,991.67	1/4	2,758.07	1/4	2,481.98	1/4	2,205.88	1/4	1,929.78	1/4	1,653.69
1/2		1/2		1/2		1/2		1/2	3,089.23	1/2	2,989.54	1/2	2,752.32	1/2	2,476.23	1/2	2,200.13	1/2	1,924.03	1/2	1,647.94
3/4		3/4		3/4		3/4	3,087.16	3/4	2,986.95	3/4	2,746.57	3/4	2,470.48	3/4	2,194.38	3/4	1,918.28	3/4	1,642.19		
<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>3,085.09</b>	<b>9</b>	<b>2,984.36</b>	<b>9</b>	<b>2,740.82</b>	<b>9</b>	<b>2,464.73</b>	<b>9</b>	<b>2,188.63</b>	<b>9</b>	<b>1,912.53</b>	<b>9</b>	<b>1,636.44</b>		
1/4		1/4		1/4		1/4		1/4	3,083.02	1/4	2,981.76	1/4	2,735.06	1/4	2,458.97	1/4	2,182.87	1/4	1,906.77	1/4	1,630.68
1/2		1/2		1/2		1/2		1/2	3,080.95	1/2	2,979.17	1/2	2,729.31	1/2	2,453.22	1/2	2,177.12	1/2	1,901.02	1/2	1,624.93
3/4		3/4		3/4		3/4	3,078.88	3/4	2,975.98	3/4	2,723.56	3/4	2,447.47	3/4	2,171.37	3/4	1,895.27	3/4	1,619.18		
<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>3,076.81</b>	<b>10</b>	<b>2,972.79</b>	<b>10</b>	<b>2,717.81</b>	<b>10</b>	<b>2,441.72</b>	<b>10</b>	<b>2,165.62</b>	<b>10</b>	<b>1,889.52</b>	<b>10</b>	<b>1,613.43</b>		
1/4		1/4		1/4		1/4		1/4	3,074.74	1/4	2,969.59	1/4	2,712.06	1/4	2,435.96	1/4	2,159.86	1/4	1,883.77	1/4	1,607.67
1/2		1/2		1/2		1/2		1/2	3,072.66	1/2	2,966.40	1/2	2,706.31	1/2	2,430.21	1/2	2,154.11	1/2	1,878.02	1/2	1,601.92
3/4		3/4		3/4		3/4	3,070.59	3/4	2,962.57	3/4	2,700.56	3/4	2,424.46	3/4	2,148.36	3/4	1,872.27	3/4	1,596.17		
<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>3,068.52</b>	<b>11</b>	<b>2,958.74</b>	<b>11</b>	<b>2,694.81</b>	<b>11</b>	<b>2,418.71</b>	<b>11</b>	<b>2,142.61</b>	<b>11</b>	<b>1,866.52</b>	<b>11</b>	<b>1,590.42</b>		
1/4		1/4		1/4		1/4		1/4	3,066.44	1/4	2,954.90	1/4	2,689.05	1/4	2,412.95	1/4	2,136.85	1/4	1,860.76	1/4	1,584.66
1/2		1/2		1/2		1/2		1/2	3,064.37	1/2	2,951.07	1/2	2,683.30	1/2	2,407.20	1/2	2,131.10	1/2	1,855.01	1/2	1,578.91
3/4		3/4		3/4		3/4	3,062.30	3/4	2,946.60	3/4	2,677.55	3/4	2,401.45	3/4	2,125.35	3/4	1,849.26	3/4	1,573.16		

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 WITH HERMETIC GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 54'-00" FORWARD OF AFT BULKHEAD.

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 3050"

## 4 STBD

### INNAGE TABLE

### HERMETIC

#### GAUGE HEIGHT 15'-07 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	1,567.41	0	1,291.32	0	1,015.47	0	740.85	0	464.76	0	189.93	0		0		0		0	
1/4	1,561.65	1/4	1,285.56	1/4	1,009.76	1/4	735.09	1/4	459.00	1/4	184.36	1/4		1/4		1/4		1/4	
1/2	1,555.90	1/2	1,279.81	1/2	1,004.04	1/2	729.34	1/2	453.25	1/2	178.79	1/2		1/2		1/2		1/2	
3/4	1,550.15	3/4	1,274.06	3/4	998.32	3/4	723.59	3/4	447.50	3/4	173.22	3/4		3/4		3/4		3/4	
1	1,544.40	1	1,268.31	1	992.61	1	717.84	1	441.75	1	167.65	1		1		1		1	
1/4	1,538.65	1/4	1,262.55	1/4	986.89	1/4	712.09	1/4	435.99	1/4	162.08	1/4		1/4		1/4		1/4	
1/2	1,532.90	1/2	1,256.80	1/2	981.17	1/2	706.34	1/2	430.24	1/2	156.51	1/2		1/2		1/2		1/2	
3/4	1,527.15	3/4	1,251.05	3/4	975.46	3/4	700.59	3/4	424.49	3/4	150.94	3/4		3/4		3/4		3/4	
2	1,521.40	2	1,245.30	2	969.74	2	694.84	2	418.74	2	145.37	2		2		2		2	
1/4	1,515.64	1/4	1,239.54	1/4	964.03	1/4	689.08	1/4	412.98	1/4	139.80	1/4		1/4		1/4		1/4	
1/2	1,509.89	1/2	1,233.79	1/2	958.31	1/2	683.33	1/2	407.23	1/2	134.23	1/2		1/2		1/2		1/2	
3/4	1,504.14	3/4	1,228.04	3/4	952.59	3/4	677.58	3/4	401.48	3/4	128.66	3/4		3/4		3/4		3/4	
3	1,498.39	3	1,222.29	3	946.88	3	671.83	3	395.73	3	123.09	3		3		3		3	
1/4	1,492.63	1/4	1,216.53	1/4	941.16	1/4	666.07	1/4	389.97	1/4	117.52	1/4		1/4		1/4		1/4	
1/2	1,486.88	1/2	1,210.78	1/2	935.44	1/2	660.32	1/2	384.22	1/2	111.95	1/2		1/2		1/2		1/2	
3/4	1,481.13	3/4	1,205.03	3/4	929.73	3/4	654.57	3/4	378.47	3/4	106.34	3/4		3/4		3/4		3/4	
4	1,475.38	4	1,199.28	4	924.01	4	648.82	4	372.72	4	100.72	4		4		4		4	
1/4	1,469.62	1/4	1,193.53	1/4	918.30	1/4	643.06	1/4	366.97	1/4	95.11	1/4		1/4		1/4		1/4	
1/2	1,463.87	1/2	1,187.78	1/2	912.58	1/2	637.31	1/2	361.22	1/2	89.49	1/2		1/2		1/2		1/2	
3/4	1,458.12	3/4	1,182.03	3/4	906.87	3/4	631.56	3/4	355.47	3/4	83.74	3/4		3/4		3/4		3/4	
5	1,452.37	5	1,176.28	5	901.15	5	625.81	5	349.72	5	77.99	5		5		5		5	
1/4	1,446.61	1/4	1,170.52	1/4	895.44	1/4	620.05	1/4	343.96	1/4	72.23	1/4		1/4		1/4		1/4	
1/2	1,440.86	1/2	1,164.77	1/2	889.72	1/2	614.30	1/2	338.21	1/2	66.48	1/2		1/2		1/2		1/2	
3/4	1,435.11	3/4	1,159.02	3/4	884.00	3/4	608.55	3/4	332.46	3/4	60.73	3/4		3/4		3/4		3/4	
6	1,429.36	6	1,153.27	6	878.29	6	602.80	6	326.71	6	54.98	6		6		6		6	
1/4	1,423.61	1/4	1,147.51	1/4	872.57	1/4	597.05	1/4	320.95	1/4	49.22	1/4		1/4		1/4		1/4	
1/2	1,417.86	1/2	1,141.76	1/2	866.85	1/2	591.30	1/2	315.20	1/2	43.47	1/2		1/2		1/2		1/2	
3/4	1,412.11	3/4	1,136.01	3/4	861.14	3/4	585.55	3/4	309.45	3/4	38.63	3/4		3/4		3/4		3/4	
7	1,406.36	7	1,130.26	7	855.42	7	579.80	7	303.70	7	33.79	7		7		7		7	
1/4	1,400.60	1/4	1,124.50	1/4	849.71	1/4	574.04	1/4	297.94	1/4	28.95	1/4		1/4		1/4		1/4	
1/2	1,394.85	1/2	1,118.75	1/2	843.99	1/2	568.29	1/2	292.19	1/2	24.11	1/2		1/2		1/2		1/2	
3/4	1,389.10	3/4	1,113.00	3/4	838.27	3/4	562.54	3/4	286.44	3/4	20.66	3/4		3/4		3/4		3/4	
8	1,383.35	8	1,107.25	8	832.56	8	556.79	8	280.69	8		8		8		8		8	
1/4	1,377.59	1/4	1,101.49	1/4	826.84	1/4	551.03	1/4	274.94	1/4		1/4		1/4		1/4		1/4	
1/2	1,371.84	1/2	1,095.74	1/2	821.12	1/2	545.28	1/2	269.19	1/2		1/2		1/2		1/2		1/2	
3/4	1,366.09	3/4	1,089.99	3/4	815.41	3/4	539.53	3/4	263.44	3/4		3/4		3/4		3/4		3/4	
9	1,360.34	9	1,084.24	9	809.69	9	533.78	9	257.69	9		9		9		9		9	
1/4	1,354.58	1/4	1,078.49	1/4	803.98	1/4	528.02	1/4	251.93	1/4		1/4		1/4		1/4		1/4	
1/2	1,348.83	1/2	1,072.74	1/2	798.26	1/2	522.27	1/2	246.18	1/2		1/2		1/2		1/2		1/2	
3/4	1,343.08	3/4	1,067.00	3/4	792.54	3/4	516.52	3/4	240.47	3/4		3/4		3/4		3/4		3/4	
10	1,337.33	10	1,061.25	10	786.81	10	510.77	10	234.77	10		10		10		10		10	
1/4	1,331.57	1/4	1,055.51	1/4	781.09	1/4	505.01	1/4	229.06	1/4		1/4		1/4		1/4		1/4	
1/2	1,325.82	1/2	1,049.76	1/2	775.36	1/2	499.26	1/2	223.35	1/2		1/2		1/2		1/2		1/2	
3/4	1,320.07	3/4	1,044.05	3/4	769.61	3/4	493.51	3/4	217.78	3/4		3/4		3/4		3/4		3/4	
11	1,314.32	11	1,038.33	11	763.86	11	487.76	11	212.21	11		11		11		11		11	
1/4	1,308.57	1/4	1,032.62	1/4	758.10	1/4	482.01	1/4	206.64	1/4		1/4		1/4		1/4		1/4	
1/2	1,302.82	1/2	1,026.90	1/2	752.35	1/2	476.26	1/2	201.07	1/2		1/2		1/2		1/2		1/2	
3/4	1,297.07	3/4	1,021.19	3/4	746.60	3/4	470.51	3/4	195.50	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/12/2006 INSP.  
RECALCULATED: 05/31/2024 CL  
VERIFIED: 05/31/2024 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2024

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