



BARGE "EMS 532"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 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	01-1/4	- 01-1/4	01-1/2	- 01-1/2
1 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	01-1/4	- 01-1/4	01-1/2	- 01-1/2
2 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	01-1/4	- 01-1/4	01-1/2	- 01-1/2
2 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	01-1/4	- 01-1/4	01-1/2	- 01-1/2
3 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2
3 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2

(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 - 00-1/2"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 1/2"

LENGTH BETWEEN DRAFT MARKS: 236'-09"

May 12, 2025

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "EMS 532"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,304.17	0	3,996.44	0	3,672.07	0	3,340.73	0	3,009.39	0	2,678.04	0	2,346.70	0	2,015.35
1/4		1/4		1/4	4,297.92	1/4	3,989.84	1/4	3,665.17	1/4	3,333.83	1/4	3,002.49	1/4	2,671.14	1/4	2,339.80	1/4	2,008.45
1/2		1/2	4,589.94	1/2	4,291.68	1/2	3,983.24	1/2	3,658.27	1/2	3,326.93	1/2	2,995.59	1/2	2,664.24	1/2	2,332.89	1/2	2,001.54
3/4		3/4	4,585.15	3/4	4,285.40	3/4	3,976.61	3/4	3,651.36	3/4	3,320.02	3/4	2,988.69	3/4	2,657.34	3/4	2,325.99	3/4	1,994.64
1		1	4,580.36	1	4,279.13	1	3,969.98	1	3,644.46	1	3,313.12	1	2,981.78	1	2,650.43	1	2,319.09	1	1,987.73
1/4		1/4	4,575.57	1/4	4,272.86	1/4	3,963.36	1/4	3,637.56	1/4	3,306.22	1/4	2,974.88	1/4	2,643.53	1/4	2,312.19	1/4	1,980.82
1/2		1/2	4,570.77	1/2	4,266.58	1/2	3,956.73	1/2	3,630.66	1/2	3,299.32	1/2	2,967.98	1/2	2,636.63	1/2	2,305.28	1/2	1,973.92
3/4		3/4	4,564.69	3/4	4,260.28	3/4	3,950.08	3/4	3,623.75	3/4	3,292.41	3/4	2,961.07	3/4	2,629.72	3/4	2,298.38	3/4	1,967.01
2		2	4,558.60	2	4,253.98	2	3,943.42	2	3,616.85	2	3,285.51	2	2,954.17	2	2,622.82	2	2,291.48	2	1,960.11
1/4		1/4	4,552.52	1/4	4,247.68	1/4	3,936.77	1/4	3,609.95	1/4	3,278.61	1/4	2,947.26	1/4	2,615.92	1/4	2,284.57	1/4	1,953.20
1/2		1/2	4,546.43	1/2	4,241.39	1/2	3,930.11	1/2	3,603.04	1/2	3,271.70	1/2	2,940.36	1/2	2,609.01	1/2	2,277.67	1/2	1,946.30
3/4		3/4	4,539.65	3/4	4,235.06	3/4	3,923.43	3/4	3,596.14	3/4	3,264.80	3/4	2,933.46	3/4	2,602.11	3/4	2,270.77	3/4	1,939.39
3		3	4,532.88	3	4,228.73	3	3,916.75	3	3,589.24	3	3,257.90	3	2,926.55	3	2,595.21	3	2,263.86	3	1,932.48
1/4		1/4	4,526.10	1/4	4,222.41	1/4	3,910.07	1/4	3,582.33	1/4	3,251.00	1/4	2,919.65	1/4	2,588.31	1/4	2,256.96	1/4	1,925.58
1/2		1/2	4,519.32	1/2	4,216.08	1/2	3,903.39	1/2	3,575.43	1/2	3,244.09	1/2	2,912.75	1/2	2,581.40	1/2	2,250.06	1/2	1,918.67
3/4		3/4	4,512.46	3/4	4,209.73	3/4	3,896.69	3/4	3,568.53	3/4	3,237.19	3/4	2,905.84	3/4	2,574.50	3/4	2,243.16	3/4	1,911.77
4		4	4,505.60	4	4,203.38	4	3,889.98	4	3,561.63	4	3,230.29	4	2,898.94	4	2,567.60	4	2,236.25	4	1,904.86
1/4		1/4	4,498.73	1/4	4,197.03	1/4	3,883.27	1/4	3,554.72	1/4	3,223.38	1/4	2,892.04	1/4	2,560.69	1/4	2,229.35	1/4	1,897.96
1/2		1/2	4,491.87	1/2	4,190.67	1/2	3,876.57	1/2	3,547.82	1/2	3,216.48	1/2	2,885.13	1/2	2,553.79	1/2	2,222.45	1/2	1,891.05
3/4		3/4	4,485.20	3/4	4,184.30	3/4	3,869.84	3/4	3,540.92	3/4	3,209.58	3/4	2,878.23	3/4	2,546.89	3/4	2,215.54	3/4	1,884.14
5		5	4,478.53	5	4,177.92	5	3,863.10	5	3,534.01	5	3,202.68	5	2,871.33	5	2,539.98	5	2,208.64	5	1,877.24
1/4		1/4	4,471.86	1/4	4,171.54	1/4	3,856.37	1/4	3,527.11	1/4	3,195.77	1/4	2,864.43	1/4	2,533.08	1/4	2,201.74	1/4	1,870.33
1/2		1/2	4,465.19	1/2	4,165.16	1/2	3,849.64	1/2	3,520.21	1/2	3,188.87	1/2	2,857.52	1/2	2,526.18	1/2	2,194.83	1/2	1,863.43
3/4		3/4	4,458.90	3/4	4,158.76	3/4	3,842.88	3/4	3,513.31	3/4	3,181.97	3/4	2,850.62	3/4	2,519.28	3/4	2,187.93	3/4	1,856.52
6		6	4,452.61	6	4,152.35	6	3,836.12	6	3,506.40	6	3,175.06	6	2,843.72	6	2,512.37	6	2,181.03	6	1,849.62
1/4		1/4	4,446.32	1/4	4,145.95	1/4	3,829.36	1/4	3,499.50	1/4	3,168.16	1/4	2,836.81	1/4	2,505.47	1/4	2,174.13	1/4	1,842.71
1/2		1/2	4,440.03	1/2	4,139.54	1/2	3,822.60	1/2	3,492.60	1/2	3,161.26	1/2	2,829.91	1/2	2,498.57	1/2	2,167.22	1/2	1,835.80
3/4		3/4	4,433.92	3/4	4,133.11	3/4	3,815.82	3/4	3,485.69	3/4	3,154.36	3/4	2,823.01	3/4	2,491.66	3/4	2,160.32	3/4	1,828.90
7		7	4,427.80	7	4,126.68	7	3,809.03	7	3,478.79	7	3,147.45	7	2,816.10	7	2,484.76	7	2,153.42	7	1,821.99
1/4		1/4	4,421.68	1/4	4,120.25	1/4	3,802.25	1/4	3,471.89	1/4	3,140.55	1/4	2,809.20	1/4	2,477.86	1/4	2,146.51	1/4	1,815.09
1/2		1/2	4,415.57	1/2	4,113.82	1/2	3,795.46	1/2	3,464.99	1/2	3,133.65	1/2	2,802.30	1/2	2,470.95	1/2	2,139.61	1/2	1,808.18
3/4		3/4	4,409.43	3/4	4,107.37	3/4	3,788.65	3/4	3,458.08	3/4	3,126.74	3/4	2,795.40	3/4	2,464.05	3/4	2,132.71	3/4	1,801.28
8		8	4,403.28	8	4,100.91	8	3,781.84	8	3,451.18	8	3,119.84	8	2,788.49	8	2,457.15	8	2,125.80	8	1,794.37
1/4		1/4	4,397.14	1/4	4,094.45	1/4	3,775.03	1/4	3,444.28	1/4	3,112.94	1/4	2,781.59	1/4	2,450.25	1/4	2,118.90	1/4	1,787.46
1/2		1/2	4,391.00	1/2	4,087.99	1/2	3,768.22	1/2	3,437.37	1/2	3,106.03	1/2	2,774.69	1/2	2,443.34	1/2	2,112.00	1/2	1,780.56
3/4		3/4	4,384.83	3/4	4,081.51	3/4	3,761.38	3/4	3,430.47	3/4	3,099.13	3/4	2,767.78	3/4	2,436.44	3/4	2,105.10	3/4	1,773.65
9		9	4,378.66	9	4,075.03	9	3,754.54	9	3,423.57	9	3,092.23	9	2,760.88	9	2,429.54	9	2,098.19	9	1,766.75
1/4		1/4	4,372.49	1/4	4,068.55	1/4	3,747.71	1/4	3,416.67	1/4	3,085.33	1/4	2,753.98	1/4	2,422.63	1/4	2,091.29	1/4	1,759.84
1/2		1/2	4,366.33	1/2	4,062.06	1/2	3,740.87	1/2	3,409.76	1/2	3,078.42	1/2	2,747.07	1/2	2,415.73	1/2	2,084.39	1/2	1,752.94
3/4		3/4	4,360.13	3/4	4,055.53	3/4	3,734.01	3/4	3,402.86	3/4	3,071.52	3/4	2,740.17	3/4	2,408.83	3/4	2,077.48	3/4	1,746.03
10		10	4,353.94	10	4,049.00	10	3,727.14	10	3,395.96	10	3,064.62	10	2,733.27	10	2,401.92	10	2,070.58	10	1,739.13
1/4		1/4	4,347.74	1/4	4,042.48	1/4	3,720.28	1/4	3,389.05	1/4	3,057.71	1/4	2,726.37	1/4	2,395.02	1/4	2,063.68	1/4	1,732.22
1/2		1/2	4,341.55	1/2	4,035.95	1/2	3,713.41	1/2	3,382.15	1/2	3,050.81	1/2	2,719.46	1/2	2,388.12	1/2	2,056.77	1/2	1,725.31
3/4		3/4	4,335.33	3/4	4,029.37	3/4	3,706.53	3/4	3,375.25	3/4	3,043.91	3/4	2,712.56	3/4	2,381.22	3/4	2,049.87	3/4	1,718.41
11		11	4,329.11	11	4,022.80	11	3,699.64	11	3,368.34	11	3,037.01	11	2,705.66	11	2,374.31	11	2,042.97	11	1,711.50
1/4		1/4	4,322.89	1/4	4,016.22	1/4	3,692.75	1/4	3,361.44	1/4	3,030.10	1/4	2,698.75	1/4	2,367.41	1/4	2,036.07	1/4	1,704.60
1/2		1/2	4,316.66	1/2	4,009.65	1/2	3,685.87	1/2	3,354.54	1/2	3,023.20	1/2	2,691.85	1/2	2,360.51	1/2	2,029.16	1/2	1,697.69
3/4		3/4	4,310.42	3/4	4,003.04	3/4	3,678.97	3/4	3,347.64	3/4	3,016.30	3/4	2,684.95	3/4	2,353.60	3/4	2,022.26	3/4	1,690.79

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

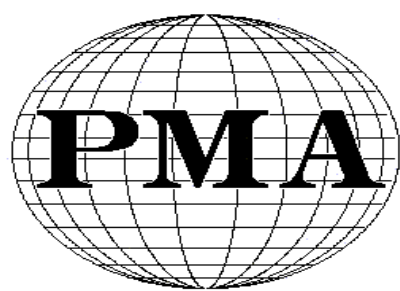
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" DIAMETER "HERMETIC" VALVE.

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 44'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "EMS 532"

1 PORT
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 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	1,683.88	0	1,352.41	0	1,021.17	0	703.92	0	410.07	0	138.22	0		0		0		0	
1/4	1,676.97	1/4	1,345.50	1/4	1,014.32	1/4	697.57	1/4	404.17	1/4	132.79	1/4		1/4		1/4		1/4	
1/2	1,670.07	1/2	1,338.59	1/2	1,007.48	1/2	691.21	1/2	398.27	1/2	127.37	1/2		1/2		1/2		1/2	
3/4	1,663.16	3/4	1,331.69	3/4	1,000.67	3/4	684.89	3/4	392.40	3/4	121.98	3/4		3/4		3/4		3/4	
1	1,656.26	1	1,324.78	1	993.86	1	678.58	1	386.54	1	116.59	1		1		1		1	
1/4	1,649.35	1/4	1,317.88	1/4	987.06	1/4	672.27	1/4	380.68	1/4	111.20	1/4		1/4		1/4		1/4	
1/2	1,642.45	1/2	1,310.97	1/2	980.25	1/2	665.96	1/2	374.82	1/2	105.81	1/2		1/2		1/2		1/2	
3/4	1,635.54	3/4	1,304.07	3/4	973.48	3/4	659.68	3/4	369.00	3/4	100.46	3/4		3/4		3/4		3/4	
2	1,628.63	2	1,297.16	2	966.71	2	653.41	2	363.18	2	95.11	2		2		2		2	
1/4	1,621.73	1/4	1,290.25	1/4	959.94	1/4	647.14	1/4	357.35	1/4	89.76	1/4		1/4		1/4		1/4	
1/2	1,614.82	1/2	1,283.35	1/2	953.18	1/2	640.86	1/2	351.53	1/2	84.41	1/2		1/2		1/2		1/2	
3/4	1,607.92	3/4	1,276.44	3/4	946.45	3/4	634.63	3/4	345.75	3/4	79.10	3/4		3/4		3/4		3/4	
3	1,601.01	3	1,269.54	3	939.72	3	628.40	3	339.97	3	73.79	3		3		3		3	
1/4	1,594.11	1/4	1,262.63	1/4	932.99	1/4	622.16	1/4	334.19	1/4	68.48	1/4		1/4		1/4		1/4	
1/2	1,587.20	1/2	1,255.73	1/2	926.26	1/2	615.93	1/2	328.41	1/2	63.17	1/2		1/2		1/2		1/2	
3/4	1,580.29	3/4	1,248.82	3/4	919.57	3/4	609.73	3/4	322.67	3/4	57.90	3/4		3/4		3/4		3/4	
4	1,573.39	4	1,241.91	4	912.89	4	603.54	4	316.93	4	52.63	4		4		4		4	
1/4	1,566.48	1/4	1,235.01	1/4	906.20	1/4	597.35	1/4	311.19	1/4	47.36	1/4		1/4		1/4		1/4	
1/2	1,559.58	1/2	1,228.10	1/2	899.51	1/2	591.15	1/2	305.45	1/2	42.09	1/2		1/2		1/2		1/2	
3/4	1,552.67	3/4	1,221.20	3/4	892.86	3/4	585.00	3/4	299.75	3/4	37.44	3/4		3/4		3/4		3/4	
5	1,545.77	5	1,214.29	5	886.21	5	578.85	5	294.05	5	32.78	5		5		5		5	
1/4	1,538.86	1/4	1,207.39	1/4	879.56	1/4	572.69	1/4	288.35	1/4	28.13	1/4		1/4		1/4		1/4	
1/2	1,531.95	1/2	1,200.48	1/2	872.91	1/2	566.54	1/2	282.65	1/2	23.47	1/2		1/2		1/2		1/2	
3/4	1,525.05	3/4	1,193.57	3/4	866.30	3/4	560.43	3/4	276.99	3/4	20.14	3/4		3/4		3/4		3/4	
6	1,518.14	6	1,186.67	6	859.69	6	554.31	6	271.33	6	16.82	6		6		6		6	
1/4	1,511.24	1/4	1,179.76	1/4	853.08	1/4	548.20	1/4	265.67	1/4	13.49	1/4		1/4		1/4		1/4	
1/2	1,504.33	1/2	1,172.86	1/2	846.47	1/2	542.09	1/2	260.00	1/2	10.16	1/2		1/2		1/2		1/2	
3/4	1,497.43	3/4	1,165.95	3/4	839.90	3/4	536.01	3/4	254.38	3/4		3/4		3/4		3/4		3/4	
7	1,490.52	7	1,159.05	7	833.33	7	529.94	7	248.75	7		7		7		7		7	
1/4	1,483.61	1/4	1,152.14	1/4	826.76	1/4	523.86	1/4	243.13	1/4		1/4		1/4		1/4		1/4	
1/2	1,476.71	1/2	1,145.23	1/2	820.19	1/2	517.79	1/2	237.50	1/2		1/2		1/2		1/2		1/2	
3/4	1,469.80	3/4	1,138.33	3/4	813.65	3/4	511.74	3/4	231.92	3/4		3/4		3/4		3/4		3/4	
8	1,462.90	8	1,131.42	8	807.12	8	505.70	8	226.33	8		8		8		8		8	
1/4	1,455.99	1/4	1,124.52	1/4	800.59	1/4	499.66	1/4	220.75	1/4		1/4		1/4		1/4		1/4	
1/2	1,449.09	1/2	1,117.61	1/2	794.06	1/2	493.61	1/2	215.16	1/2		1/2		1/2		1/2		1/2	
3/4	1,442.18	3/4	1,110.71	3/4	787.57	3/4	487.60	3/4	209.61	3/4		3/4		3/4		3/4		3/4	
9	1,435.27	9	1,103.80	9	781.08	9	481.58	9	204.07	9		9		9		9		9	
1/4	1,428.37	1/4	1,096.89	1/4	774.59	1/4	475.56	1/4	198.52	1/4		1/4		1/4		1/4		1/4	
1/2	1,421.46	1/2	1,089.99	1/2	768.09	1/2	469.55	1/2	192.97	1/2		1/2		1/2		1/2		1/2	
3/4	1,414.56	3/4	1,083.09	3/4	761.64	3/4	463.57	3/4	187.47	3/4		3/4		3/4		3/4		3/4	
10	1,407.65	10	1,076.19	10	755.19	10	457.59	10	181.96	10		10		10		10		10	
1/4	1,400.75	1/4	1,069.29	1/4	748.74	1/4	451.61	1/4	176.45	1/4		1/4		1/4		1/4		1/4	
1/2	1,393.84	1/2	1,062.39	1/2	742.28	1/2	445.63	1/2	170.95	1/2		1/2		1/2		1/2		1/2	
3/4	1,386.93	3/4	1,055.51	3/4	735.87	3/4	439.69	3/4	165.48	3/4		3/4		3/4		3/4		3/4	
11	1,380.03	11	1,048.62	11	729.46	11	433.75	11	160.01	11		11		11		11		11	
1/4	1,373.12	1/4	1,041.74	1/4	723.05	1/4	427.81	1/4	154.55	1/4		1/4		1/4		1/4		1/4	
1/2	1,366.22	1/2	1,034.86	1/2	716.64	1/2	421.87	1/2	149.08	1/2		1/2		1/2		1/2		1/2	
3/4	1,359.31	3/4	1,028.02	3/4	710.28	3/4	415.97	3/4	143.65	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/13/2025 JS
CALCULATED: 05/14/2025 CL
PRINTED: 05/14/2025 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2025

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "EMS 532"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,286.20	0	3,978.89	0	3,655.02	0	3,324.50	0	2,993.97	0	2,663.44	0	2,332.91	0	2,002.36
1/4		1/4	4,577.48	1/4	4,279.96	1/4	3,972.30	1/4	3,648.13	1/4	3,317.61	1/4	2,987.09	1/4	2,656.55	1/4	2,326.02	1/4	1,995.47
1/2		1/2	4,572.70	1/2	4,273.71	1/2	3,965.69	1/2	3,641.25	1/2	3,310.72	1/2	2,980.20	1/2	2,649.67	1/2	2,319.14	1/2	1,988.59
3/4		3/4	4,567.92	3/4	4,267.45	3/4	3,959.08	3/4	3,634.36	3/4	3,303.84	3/4	2,973.31	3/4	2,642.78	3/4	2,312.25	3/4	1,981.70
1		1	4,563.14	1	4,261.19	1	3,952.47	1	3,627.48	1	3,296.95	1	2,966.43	1	2,635.89	1	2,305.37	1	1,974.81
1/4		1/4	4,558.36	1/4	4,254.93	1/4	3,945.86	1/4	3,620.59	1/4	3,290.07	1/4	2,959.54	1/4	2,629.01	1/4	2,298.48	1/4	1,967.92
1/2		1/2	4,552.29	1/2	4,248.65	1/2	3,939.22	1/2	3,613.70	1/2	3,283.18	1/2	2,952.66	1/2	2,622.12	1/2	2,291.59	1/2	1,961.03
3/4		3/4	4,546.22	3/4	4,242.37	3/4	3,932.58	3/4	3,606.82	3/4	3,276.29	3/4	2,945.77	3/4	2,615.24	3/4	2,284.71	3/4	1,954.14
2		2	4,540.15	2	4,236.08	2	3,925.95	2	3,599.93	2	3,269.41	2	2,938.88	2	2,608.35	2	2,277.82	2	1,947.25
1/4		1/4	4,534.08	1/4	4,229.80	1/4	3,919.31	1/4	3,593.05	1/4	3,262.52	1/4	2,931.99	1/4	2,601.46	1/4	2,270.94	1/4	1,940.37
1/2		1/2	4,527.32	1/2	4,223.49	1/2	3,912.64	1/2	3,586.16	1/2	3,255.64	1/2	2,925.11	1/2	2,594.58	1/2	2,264.05	1/2	1,933.48
3/4		3/4	4,520.56	3/4	4,217.18	3/4	3,905.98	3/4	3,579.27	3/4	3,248.75	3/4	2,918.22	3/4	2,587.69	3/4	2,257.16	3/4	1,926.59
3		3	4,513.80	3	4,210.87	3	3,899.32	3	3,572.39	3	3,241.87	3	2,911.33	3	2,580.81	3	2,250.28	3	1,919.70
1/4		1/4	4,507.04	1/4	4,204.56	1/4	3,892.65	1/4	3,565.50	1/4	3,234.98	1/4	2,904.45	1/4	2,573.92	1/4	2,243.39	1/4	1,912.81
1/2		1/2	4,500.19	1/2	4,198.23	1/2	3,885.96	1/2	3,558.62	1/2	3,228.09	1/2	2,897.56	1/2	2,567.03	1/2	2,236.51	1/2	1,905.92
3/4		3/4	4,493.35	3/4	4,191.89	3/4	3,879.28	3/4	3,551.73	3/4	3,221.21	3/4	2,890.68	3/4	2,560.15	3/4	2,229.62	3/4	1,899.03
4		4	4,486.50	4	4,185.55	4	3,872.59	4	3,544.84	4	3,214.32	4	2,883.79	4	2,553.26	4	2,222.73	4	1,892.15
1/4		1/4	4,479.65	1/4	4,179.22	1/4	3,865.90	1/4	3,537.96	1/4	3,207.44	1/4	2,876.90	1/4	2,546.38	1/4	2,215.85	1/4	1,885.26
1/2		1/2	4,473.00	1/2	4,172.86	1/2	3,859.18	1/2	3,531.07	1/2	3,200.55	1/2	2,870.02	1/2	2,539.49	1/2	2,208.96	1/2	1,878.37
3/4		3/4	4,466.35	3/4	4,166.49	3/4	3,852.46	3/4	3,524.19	3/4	3,193.66	3/4	2,863.13	3/4	2,532.60	3/4	2,202.08	3/4	1,871.48
5		5	4,459.69	5	4,160.13	5	3,845.75	5	3,517.30	5	3,186.78	5	2,856.25	5	2,525.72	5	2,195.19	5	1,864.59
1/4		1/4	4,453.04	1/4	4,153.77	1/4	3,839.03	1/4	3,510.42	1/4	3,179.89	1/4	2,849.36	1/4	2,518.83	1/4	2,188.30	1/4	1,857.70
1/2		1/2	4,446.77	1/2	4,147.38	1/2	3,832.29	1/2	3,503.53	1/2	3,173.01	1/2	2,842.47	1/2	2,511.95	1/2	2,181.42	1/2	1,850.81
3/4		3/4	4,440.49	3/4	4,140.99	3/4	3,825.55	3/4	3,496.64	3/4	3,166.12	3/4	2,835.59	3/4	2,505.06	3/4	2,174.53	3/4	1,843.93
6		6	4,434.22	6	4,134.60	6	3,818.81	6	3,489.76	6	3,159.23	6	2,828.70	6	2,498.17	6	2,167.65	6	1,837.04
1/4		1/4	4,427.94	1/4	4,128.22	1/4	3,812.06	1/4	3,482.87	1/4	3,152.35	1/4	2,821.82	1/4	2,491.29	1/4	2,160.76	1/4	1,830.15
1/2		1/2	4,421.84	1/2	4,121.80	1/2	3,805.30	1/2	3,475.99	1/2	3,145.46	1/2	2,814.93	1/2	2,484.40	1/2	2,153.87	1/2	1,823.26
3/4		3/4	4,415.74	3/4	4,115.39	3/4	3,798.53	3/4	3,469.10	3/4	3,138.58	3/4	2,808.04	3/4	2,477.52	3/4	2,146.99	3/4	1,816.37
7		7	4,409.64	7	4,108.97	7	3,791.76	7	3,462.21	7	3,131.69	7	2,801.16	7	2,470.63	7	2,140.10	7	1,809.48
1/4		1/4	4,403.54	1/4	4,102.56	1/4	3,784.99	1/4	3,455.33	1/4	3,124.80	1/4	2,794.27	1/4	2,463.74	1/4	2,133.22	1/4	1,802.59
1/2		1/2	4,397.42	1/2	4,096.12	1/2	3,778.20	1/2	3,448.44	1/2	3,117.92	1/2	2,787.39	1/2	2,456.86	1/2	2,126.33	1/2	1,795.70
3/4		3/4	4,391.29	3/4	4,089.68	3/4	3,771.40	3/4	3,441.56	3/4	3,111.03	3/4	2,780.50	3/4	2,449.97	3/4	2,119.44	3/4	1,788.82
8		8	4,385.16	8	4,083.24	8	3,764.61	8	3,434.67	8	3,104.15	8	2,773.61	8	2,443.09	8	2,112.56	8	1,781.93
1/4		1/4	4,379.04	1/4	4,076.80	1/4	3,757.81	1/4	3,427.78	1/4	3,097.26	1/4	2,766.73	1/4	2,436.20	1/4	2,105.67	1/4	1,775.04
1/2		1/2	4,372.88	1/2	4,070.33	1/2	3,750.99	1/2	3,420.90	1/2	3,090.38	1/2	2,759.84	1/2	2,429.31	1/2	2,098.79	1/2	1,768.15
3/4		3/4	4,366.73	3/4	4,063.86	3/4	3,744.17	3/4	3,414.01	3/4	3,083.49	3/4	2,752.96	3/4	2,422.43	3/4	2,091.90	3/4	1,761.26
9		9	4,360.58	9	4,057.40	9	3,737.35	9	3,407.13	9	3,076.60	9	2,746.07	9	2,415.54	9	2,085.01	9	1,754.37
1/4		1/4	4,354.43	1/4	4,050.93	1/4	3,730.53	1/4	3,400.24	1/4	3,069.72	1/4	2,739.18	1/4	2,408.66	1/4	2,078.13	1/4	1,747.48
1/2		1/2	4,348.25	1/2	4,044.42	1/2	3,723.69	1/2	3,393.35	1/2	3,062.83	1/2	2,732.30	1/2	2,401.77	1/2	2,071.24	1/2	1,740.60
3/4		3/4	4,342.07	3/4	4,037.90	3/4	3,716.84	3/4	3,386.47	3/4	3,055.95	3/4	2,725.41	3/4	2,394.88	3/4	2,064.36	3/4	1,733.71
10		10	4,335.89	10	4,031.39	10	3,709.99	10	3,379.58	10	3,049.06	10	2,718.53	10	2,388.00	10	2,057.47	10	1,726.82
1/4		1/4	4,329.71	1/4	4,024.88	1/4	3,703.15	1/4	3,372.70	1/4	3,042.17	1/4	2,711.64	1/4	2,381.11	1/4	2,050.58	1/4	1,719.93
1/2		1/2	4,323.50	1/2	4,018.32	1/2	3,696.28	1/2	3,365.81	1/2	3,035.29	1/2	2,704.75	1/2	2,374.23	1/2	2,043.70	1/2	1,713.04
3/4		3/4	4,317.30	3/4	4,011.76	3/4	3,689.41	3/4	3,358.93	3/4	3,028.40	3/4	2,697.87	3/4	2,367.34	3/4	2,036.81	3/4	1,706.15
11		11	4,311.09	11	4,005.20	11	3,682.54	11	3,352.04	11	3,021.52	11	2,690.98	11	2,360.45	11	2,029.92	11	1,699.26
1/4		1/4	4,304.89	1/4	3,998.64	1/4	3,675.67	1/4	3,345.15	1/4	3,014.63	1/4	2,684.10	1/4	2,353.57	1/4	2,023.03	1/4	1,692.38
1/2		1/2	4,298.66	1/2	3,992.06	1/2	3,668.78	1/2	3,338.27	1/2	3,007.74	1/2	2,677.21	1/2	2,346.68	1/2	2,016.14	1/2	1,685.49
3/4		3/4	4,292.43	3/4	3,985.47	3/4	3,661.90	3/4	3,331.38	3/4	3,000.86	3/4	2,670.32	3/4	2,339.80	3/4	2,009.25	3/4	1,678.60

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

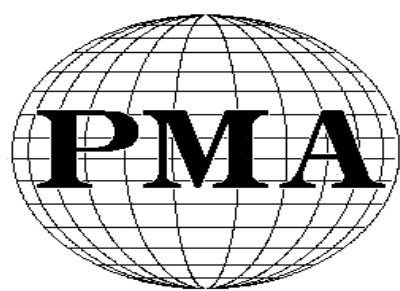
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" DIAMETER "HERMETIC" VALVE.

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 44'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "EMS 532"

1 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 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	1,671.71	0	1,341.06	0	1,010.73	0	695.74	0	403.10	0	132.44	0		0		0		0	
1/4	1,664.82	1/4	1,334.17	1/4	1,003.91	1/4	689.41	1/4	397.22	1/4	127.02	1/4		1/4		1/4		1/4	
1/2	1,657.93	1/2	1,327.28	1/2	997.14	1/2	683.11	1/2	391.37	1/2	121.65	1/2		1/2		1/2		1/2	
3/4	1,651.04	3/4	1,320.39	3/4	990.37	3/4	676.82	3/4	385.52	3/4	116.27	3/4		3/4		3/4		3/4	
1	1,644.16	1	1,313.50	1	983.60	1	670.52	1	379.68	1	110.90	1		1		1		1	
1/4	1,637.27	1/4	1,306.61	1/4	976.84	1/4	664.22	1/4	373.83	1/4	105.53	1/4		1/4		1/4		1/4	
1/2	1,630.38	1/2	1,299.73	1/2	970.11	1/2	657.97	1/2	368.02	1/2	100.19	1/2		1/2		1/2		1/2	
3/4	1,623.49	3/4	1,292.84	3/4	963.38	3/4	651.71	3/4	362.22	3/4	94.86	3/4		3/4		3/4		3/4	
2	1,616.60	2	1,285.95	2	956.65	2	645.45	2	356.41	2	89.52	2		2		2		2	
1/4	1,609.71	1/4	1,279.06	1/4	949.92	1/4	639.20	1/4	350.60	1/4	84.19	1/4		1/4		1/4		1/4	
1/2	1,602.82	1/2	1,272.17	1/2	943.23	1/2	632.98	1/2	344.84	1/2	78.89	1/2		1/2		1/2		1/2	
3/4	1,595.94	3/4	1,265.28	3/4	936.54	3/4	626.76	3/4	339.07	3/4	73.59	3/4		3/4		3/4		3/4	
3	1,589.05	3	1,258.39	3	929.85	3	620.54	3	333.30	3	68.30	3		3		3		3	
1/4	1,582.16	1/4	1,251.51	1/4	923.16	1/4	614.32	1/4	327.54	1/4	63.00	1/4		1/4		1/4		1/4	
1/2	1,575.27	1/2	1,244.62	1/2	916.50	1/2	608.15	1/2	321.81	1/2	57.75	1/2		1/2		1/2		1/2	
3/4	1,568.38	3/4	1,237.73	3/4	909.85	3/4	601.97	3/4	316.09	3/4	52.49	3/4		3/4		3/4		3/4	
4	1,561.49	4	1,230.84	4	903.20	4	595.79	4	310.37	4	47.23	4		4		4		4	
1/4	1,554.60	1/4	1,223.95	1/4	896.55	1/4	589.61	1/4	304.64	1/4	41.98	1/4		1/4		1/4		1/4	
1/2	1,547.72	1/2	1,217.06	1/2	889.94	1/2	583.47	1/2	298.96	1/2	37.33	1/2		1/2		1/2		1/2	
3/4	1,540.83	3/4	1,210.17	3/4	883.33	3/4	577.33	3/4	293.27	3/4	32.69	3/4		3/4		3/4		3/4	
5	1,533.94	5	1,203.29	5	876.72	5	571.20	5	287.59	5	28.05	5		5		5		5	
1/4	1,527.05	1/4	1,196.40	1/4	870.11	1/4	565.06	1/4	281.91	1/4	23.41	1/4		1/4		1/4		1/4	
1/2	1,520.16	1/2	1,189.51	1/2	863.53	1/2	558.96	1/2	276.26	1/2	20.09	1/2		1/2		1/2		1/2	
3/4	1,513.27	3/4	1,182.62	3/4	856.96	3/4	552.86	3/4	270.61	3/4	16.77	3/4		3/4		3/4		3/4	
6	1,506.38	6	1,175.73	6	850.39	6	546.77	6	264.96	6	13.45	6		6		6		6	
1/4	1,499.50	1/4	1,168.84	1/4	843.82	1/4	540.67	1/4	259.31	1/4	10.13	1/4		1/4		1/4		1/4	
1/2	1,492.61	1/2	1,161.95	1/2	837.28	1/2	534.61	1/2	253.70	1/2		1/2		1/2		1/2		1/2	
3/4	1,485.72	3/4	1,155.07	3/4	830.75	3/4	528.55	3/4	248.09	3/4		3/4		3/4		3/4		3/4	
7	1,478.83	7	1,148.18	7	824.22	7	522.49	7	242.48	7		7		7		7		7	
1/4	1,471.94	1/4	1,141.29	1/4	817.68	1/4	516.43	1/4	236.87	1/4		1/4		1/4		1/4		1/4	
1/2	1,465.05	1/2	1,134.40	1/2	811.19	1/2	510.40	1/2	231.30	1/2		1/2		1/2		1/2		1/2	
3/4	1,458.16	3/4	1,127.51	3/4	804.70	3/4	504.38	3/4	225.73	3/4		3/4		3/4		3/4		3/4	
8	1,451.27	8	1,120.62	8	798.20	8	498.35	8	220.16	8		8		8		8		8	
1/4	1,444.39	1/4	1,113.73	1/4	791.71	1/4	492.32	1/4	214.59	1/4		1/4		1/4		1/4		1/4	
1/2	1,437.50	1/2	1,106.84	1/2	785.25	1/2	486.32	1/2	209.06	1/2		1/2		1/2		1/2		1/2	
3/4	1,430.61	3/4	1,099.96	3/4	778.80	3/4	480.32	3/4	203.52	3/4		3/4		3/4		3/4		3/4	
9	1,423.72	9	1,093.07	9	772.35	9	474.32	9	197.99	9		9		9		9		9	
1/4	1,416.83	1/4	1,086.18	1/4	765.89	1/4	468.32	1/4	192.46	1/4		1/4		1/4		1/4		1/4	
1/2	1,409.94	1/2	1,079.30	1/2	759.48	1/2	462.35	1/2	186.97	1/2		1/2		1/2		1/2		1/2	
3/4	1,403.05	3/4	1,072.41	3/4	753.06	3/4	456.39	3/4	181.48	3/4		3/4		3/4		3/4		3/4	
10	1,396.17	10	1,065.53	10	746.65	10	450.42	10	175.98	10		10		10		10		10	
1/4	1,389.28	1/4	1,058.64	1/4	740.23	1/4	444.46	1/4	170.49	1/4		1/4		1/4		1/4		1/4	
1/2	1,382.39	1/2	1,051.78	1/2	733.86	1/2	438.53	1/2	165.04	1/2		1/2		1/2		1/2		1/2	
3/4	1,375.50	3/4	1,044.92	3/4	727.49	3/4	432.61	3/4	159.58	3/4		3/4		3/4		3/4		3/4	
11	1,368.61	11	1,038.05	11	721.11	11	426.68	11	154.13	11		11		11		11		11	
1/4	1,361.72	1/4	1,031.19	1/4	714.74	1/4	420.76	1/4	148.68	1/4		1/4		1/4		1/4		1/4	
1/2	1,354.83	1/2	1,024.37	1/2	708.41	1/2	414.87	1/2	143.26	1/2		1/2		1/2		1/2		1/2	
3/4	1,347.95	3/4	1,017.55	3/4	702.08	3/4	408.99	3/4	137.85	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/13/2025 JS
CALCULATED: 05/14/2025 CL
PRINTED: 05/14/2025 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2025

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "EMS 532"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	5,214.94	0	4,854.90	0	4,475.35	0	4,087.65	0	3,699.94	0	3,312.23	0	2,924.52	0	2,536.79
1/4		1/4		1/4	5,207.63	1/4	4,847.17	1/4	4,467.28	1/4	4,079.57	1/4	3,691.87	1/4	3,304.15	1/4	2,916.44	1/4	2,528.71
1/2		1/2	5,549.30	1/2	5,200.32	1/2	4,839.45	1/2	4,459.20	1/2	4,071.50	1/2	3,683.79	1/2	3,296.08	1/2	2,908.37	1/2	2,520.63
3/4		3/4	5,543.69	3/4	5,192.98	3/4	4,831.70	3/4	4,451.12	3/4	4,063.42	3/4	3,675.71	3/4	3,288.00	3/4	2,900.29	3/4	2,512.55
1		1	5,538.09	1	5,185.65	1	4,823.94	1	4,443.05	1	4,055.34	1	3,667.64	1	3,279.92	1	2,892.21	1	2,504.47
1/4		1/4	5,532.48	1/4	5,178.31	1/4	4,816.19	1/4	4,434.97	1/4	4,047.26	1/4	3,659.56	1/4	3,271.85	1/4	2,884.14	1/4	2,496.39
1/2		1/2	5,526.88	1/2	5,170.97	1/2	4,808.43	1/2	4,426.89	1/2	4,039.19	1/2	3,651.48	1/2	3,263.77	1/2	2,876.06	1/2	2,488.31
3/4		3/4	5,519.75	3/4	5,163.60	3/4	4,800.64	3/4	4,418.82	3/4	4,031.11	3/4	3,643.40	3/4	3,255.69	3/4	2,867.98	3/4	2,480.23
2		2	5,512.63	2	5,156.23	2	4,792.86	2	4,410.74	2	4,023.03	2	3,635.33	2	3,247.61	2	2,859.90	2	2,472.15
1/4		1/4	5,505.51	1/4	5,148.86	1/4	4,785.07	1/4	4,402.66	1/4	4,014.96	1/4	3,627.25	1/4	3,239.54	1/4	2,851.83	1/4	2,464.07
1/2		1/2	5,498.39	1/2	5,141.49	1/2	4,777.29	1/2	4,394.58	1/2	4,006.88	1/2	3,619.17	1/2	3,231.46	1/2	2,843.75	1/2	2,455.99
3/4		3/4	5,490.46	3/4	5,134.08	3/4	4,769.47	3/4	4,386.51	3/4	3,998.80	3/4	3,611.09	3/4	3,223.38	3/4	2,835.67	3/4	2,447.91
3		3	5,482.53	3	5,126.68	3	4,761.65	3	4,378.43	3	3,990.72	3	3,603.02	3	3,215.30	3	2,827.59	3	2,439.83
1/4		1/4	5,474.60	1/4	5,119.28	1/4	4,753.84	1/4	4,370.35	1/4	3,982.65	1/4	3,594.94	1/4	3,207.23	1/4	2,819.52	1/4	2,431.75
1/2		1/2	5,466.67	1/2	5,111.88	1/2	4,746.02	1/2	4,362.28	1/2	3,974.57	1/2	3,586.86	1/2	3,199.15	1/2	2,811.44	1/2	2,423.66
3/4		3/4	5,458.64	3/4	5,104.45	3/4	4,738.17	3/4	4,354.20	3/4	3,966.49	3/4	3,578.78	3/4	3,191.07	3/4	2,803.36	3/4	2,415.58
4		4	5,450.61	4	5,097.02	4	4,730.33	4	4,346.12	4	3,958.42	4	3,570.71	4	3,183.00	4	2,795.29	4	2,407.50
1/4		1/4	5,442.58	1/4	5,089.59	1/4	4,722.48	1/4	4,338.04	1/4	3,950.34	1/4	3,562.63	1/4	3,174.92	1/4	2,787.21	1/4	2,399.42
1/2		1/2	5,434.55	1/2	5,082.15	1/2	4,714.63	1/2	4,329.97	1/2	3,942.26	1/2	3,554.55	1/2	3,166.84	1/2	2,779.13	1/2	2,391.34
3/4		3/4	5,426.74	3/4	5,074.69	3/4	4,706.76	3/4	4,321.89	3/4	3,934.18	3/4	3,546.47	3/4	3,158.76	3/4	2,771.05	3/4	2,383.26
5		5	5,418.94	5	5,067.23	5	4,698.88	5	4,313.81	5	3,926.11	5	3,538.40	5	3,150.69	5	2,762.98	5	2,375.18
1/4		1/4	5,411.14	1/4	5,059.77	1/4	4,691.00	1/4	4,305.73	1/4	3,918.03	1/4	3,530.32	1/4	3,142.61	1/4	2,754.90	1/4	2,367.10
1/2		1/2	5,403.33	1/2	5,052.30	1/2	4,683.12	1/2	4,297.66	1/2	3,909.95	1/2	3,522.24	1/2	3,134.53	1/2	2,746.82	1/2	2,359.02
3/4		3/4	5,395.97	3/4	5,044.81	3/4	4,675.21	3/4	4,289.58	3/4	3,901.87	3/4	3,514.16	3/4	3,126.45	3/4	2,738.74	3/4	2,350.94
6		6	5,388.62	6	5,037.32	6	4,667.31	6	4,281.50	6	3,893.80	6	3,506.09	6	3,118.38	6	2,730.67	6	2,342.86
1/4		1/4	5,381.26	1/4	5,029.83	1/4	4,659.40	1/4	4,273.43	1/4	3,885.72	1/4	3,498.01	1/4	3,110.30	1/4	2,722.59	1/4	2,334.78
1/2		1/2	5,373.90	1/2	5,022.33	1/2	4,651.49	1/2	4,265.35	1/2	3,877.64	1/2	3,489.93	1/2	3,102.22	1/2	2,714.51	1/2	2,326.70
3/4		3/4	5,366.74	3/4	5,014.81	3/4	4,643.55	3/4	4,257.27	3/4	3,869.57	3/4	3,481.86	3/4	3,094.15	3/4	2,706.43	3/4	2,318.62
7		7	5,359.59	7	5,007.28	7	4,635.61	7	4,249.19	7	3,861.49	7	3,473.78	7	3,086.07	7	2,698.36	7	2,310.54
1/4		1/4	5,352.43	1/4	4,999.76	1/4	4,627.67	1/4	4,241.12	1/4	3,853.41	1/4	3,465.70	1/4	3,077.99	1/4	2,690.28	1/4	2,302.46
1/2		1/2	5,345.28	1/2	4,992.24	1/2	4,619.73	1/2	4,233.04	1/2	3,845.33	1/2	3,457.62	1/2	3,069.91	1/2	2,682.20	1/2	2,294.38
3/4		3/4	5,338.09	3/4	4,984.68	3/4	4,611.76	3/4	4,224.96	3/4	3,837.26	3/4	3,449.55	3/4	3,061.84	3/4	2,674.13	3/4	2,286.30
8		8	5,330.90	8	4,977.13	8	4,603.79	8	4,216.89	8	3,829.18	8	3,441.47	8	3,053.76	8	2,666.05	8	2,278.22
1/4		1/4	5,323.72	1/4	4,969.57	1/4	4,595.82	1/4	4,208.81	1/4	3,821.10	1/4	3,433.39	1/4	3,045.68	1/4	2,657.97	1/4	2,270.14
1/2		1/2	5,316.53	1/2	4,962.02	1/2	4,587.85	1/2	4,200.73	1/2	3,813.03	1/2	3,425.31	1/2	3,037.60	1/2	2,649.89	1/2	2,262.06
3/4		3/4	5,309.31	3/4	4,954.43	3/4	4,579.85	3/4	4,192.65	3/4	3,804.95	3/4	3,417.24	3/4	3,029.53	3/4	2,641.82	3/4	2,253.98
9		9	5,302.10	9	4,946.85	9	4,571.85	9	4,184.58	9	3,796.87	9	3,409.16	9	3,021.45	9	2,633.74	9	2,245.90
1/4		1/4	5,294.88	1/4	4,939.26	1/4	4,563.85	1/4	4,176.50	1/4	3,788.79	1/4	3,401.08	1/4	3,013.37	1/4	2,625.66	1/4	2,237.82
1/2		1/2	5,287.66	1/2	4,931.68	1/2	4,555.85	1/2	4,168.42	1/2	3,780.72	1/2	3,393.01	1/2	3,005.29	1/2	2,617.58	1/2	2,229.74
3/4		3/4	5,280.42	3/4	4,924.04	3/4	4,547.82	3/4	4,160.35	3/4	3,772.64	3/4	3,384.93	3/4	2,997.22	3/4	2,609.51	3/4	2,221.65
10		10	5,273.17	10	4,916.40	10	4,539.79	10	4,152.27	10	3,764.56	10	3,376.85	10	2,989.14	10	2,601.43	10	2,213.57
1/4		1/4	5,265.92	1/4	4,908.76	1/4	4,531.76	1/4	4,144.19	1/4	3,756.49	1/4	3,368.77	1/4	2,981.06	1/4	2,593.35	1/4	2,205.49
1/2		1/2	5,258.67	1/2	4,901.12	1/2	4,523.73	1/2	4,136.11	1/2	3,748.41	1/2	3,360.70	1/2	2,972.99	1/2	2,585.28	1/2	2,197.41
3/4		3/4	5,251.40	3/4	4,893.43	3/4	4,515.67	3/4	4,128.04	3/4	3,740.33	3/4	3,352.62	3/4	2,964.91	3/4	2,577.19	3/4	2,189.33
11		11	5,244.12	11	4,885.73	11	4,507.61	11	4,119.96	11	3,732.25	11	3,344.54	11	2,956.83	11	2,569.11	11	2,181.25
1/4		1/4	5,236.84	1/4	4,878.04	1/4	4,499.55	1/4	4,111.88	1/4	3,724.18	1/4	3,336.46	1/4	2,948.75	1/4	2,561.03	1/4	2,173.17
1/2		1/2	5,229.56	1/2	4,870.35	1/2	4,491.50	1/2	4,103.80	1/2	3,716.10	1/2	3,328.39	1/2	2,940.68	1/2	2,552.95	1/2	2,165.09
3/4		3/4	5,222.25	3/4	4,862.62	3/4	4,483.42	3/4	4,095.73	3/4	3,708.02	3/4	3,320.31	3/4	2,932.60	3/4	2,544.87	3/4	2,157.01

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

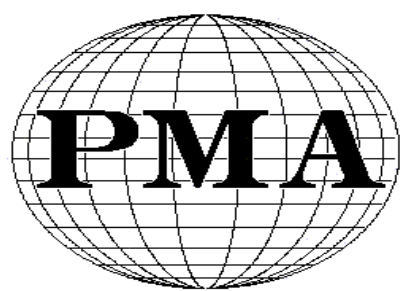
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" DIAMETER "HERMETIC" VALVE.

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 51'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "EMS 532"

2 PORT
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,148.93	0	1,761.07	0	1,373.21	0	985.40	0	598.27	0	210.45	0		0		0		0	
1/4	2,140.85	1/4	1,752.99	1/4	1,365.13	1/4	977.33	1/4	590.19	1/4	202.37	1/4		1/4		1/4		1/4	
1/2	2,132.77	1/2	1,744.91	1/2	1,357.05	1/2	969.26	1/2	582.11	1/2	194.29	1/2		1/2		1/2		1/2	
3/4	2,124.69	3/4	1,736.83	3/4	1,348.97	3/4	961.20	3/4	574.03	3/4	186.21	3/4		3/4		3/4		3/4	
1	2,116.61	1	1,728.75	1	1,340.89	1	953.15	1	565.94	1	178.13	1		1		1		1	
1/4	2,108.53	1/4	1,720.67	1/4	1,332.81	1/4	945.09	1/4	557.86	1/4	170.05	1/4		1/4		1/4		1/4	
1/2	2,100.45	1/2	1,712.59	1/2	1,324.73	1/2	937.03	1/2	549.78	1/2	161.97	1/2		1/2		1/2		1/2	
3/4	2,092.37	3/4	1,704.51	3/4	1,316.65	3/4	928.97	3/4	541.70	3/4	153.89	3/4		3/4		3/4		3/4	
2	2,084.29	2	1,696.43	2	1,308.57	2	920.91	2	533.62	2	145.81	2		2		2		2	
1/4	2,076.21	1/4	1,688.35	1/4	1,300.49	1/4	912.85	1/4	525.54	1/4	137.73	1/4		1/4		1/4		1/4	
1/2	2,068.13	1/2	1,680.27	1/2	1,292.41	1/2	904.79	1/2	517.46	1/2	129.65	1/2		1/2		1/2		1/2	
3/4	2,060.05	3/4	1,672.19	3/4	1,284.33	3/4	896.74	3/4	509.38	3/4	121.57	3/4		3/4		3/4		3/4	
3	2,051.97	3	1,664.11	3	1,276.25	3	888.68	3	501.30	3	113.49	3		3		3		3	
1/4	2,043.89	1/4	1,656.03	1/4	1,268.17	1/4	880.62	1/4	493.23	1/4	105.41	1/4		1/4		1/4		1/4	
1/2	2,035.81	1/2	1,647.95	1/2	1,260.09	1/2	872.56	1/2	485.15	1/2	97.33	1/2		1/2		1/2		1/2	
3/4	2,027.73	3/4	1,639.87	3/4	1,252.01	3/4	864.50	3/4	477.07	3/4	89.25	3/4		3/4		3/4		3/4	
4	2,019.64	4	1,631.79	4	1,243.93	4	856.44	4	468.99	4	81.17	4		4		4		4	
1/4	2,011.56	1/4	1,623.71	1/4	1,235.85	1/4	848.38	1/4	460.92	1/4	73.09	1/4		1/4		1/4		1/4	
1/2	2,003.48	1/2	1,615.62	1/2	1,227.77	1/2	840.33	1/2	452.84	1/2	65.01	1/2		1/2		1/2		1/2	
3/4	1,995.40	3/4	1,607.54	3/4	1,219.69	3/4	832.27	3/4	444.77	3/4	57.60	3/4		3/4		3/4		3/4	
5	1,987.32	5	1,599.46	5	1,211.60	5	824.21	5	436.69	5	50.19	5		5		5		5	
1/4	1,979.24	1/4	1,591.38	1/4	1,203.52	1/4	816.15	1/4	428.62	1/4	42.79	1/4		1/4		1/4		1/4	
1/2	1,971.16	1/2	1,583.30	1/2	1,195.44	1/2	808.10	1/2	420.54	1/2	35.38	1/2		1/2		1/2		1/2	
3/4	1,963.08	3/4	1,575.22	3/4	1,187.36	3/4	800.04	3/4	412.46	3/4	29.99	3/4		3/4		3/4		3/4	
6	1,955.00	6	1,567.14	6	1,179.28	6	791.98	6	404.38	6	24.60	6		6		6		6	
1/4	1,946.92	1/4	1,559.06	1/4	1,171.20	1/4	783.93	1/4	396.30	1/4	19.22	1/4		1/4		1/4		1/4	
1/2	1,938.84	1/2	1,550.98	1/2	1,163.12	1/2	775.87	1/2	388.22	1/2	13.83	1/2		1/2		1/2		1/2	
3/4	1,930.76	3/4	1,542.90	3/4	1,155.04	3/4	767.82	3/4	380.14	3/4		3/4		3/4		3/4		3/4	
7	1,922.68	7	1,534.82	7	1,146.96	7	759.76	7	372.06	7		7		7		7		7	
1/4	1,914.60	1/4	1,526.74	1/4	1,138.88	1/4	751.70	1/4	363.98	1/4		1/4		1/4		1/4		1/4	
1/2	1,906.52	1/2	1,518.66	1/2	1,130.80	1/2	743.64	1/2	355.90	1/2		1/2		1/2		1/2		1/2	
3/4	1,898.44	3/4	1,510.58	3/4	1,122.72	3/4	735.58	3/4	347.82	3/4		3/4		3/4		3/4		3/4	
8	1,890.36	8	1,502.50	8	1,114.64	8	727.51	8	339.74	8		8		8		8		8	
1/4	1,882.28	1/4	1,494.42	1/4	1,106.56	1/4	719.45	1/4	331.66	1/4		1/4		1/4		1/4		1/4	
1/2	1,874.20	1/2	1,486.34	1/2	1,098.48	1/2	711.38	1/2	323.58	1/2		1/2		1/2		1/2		1/2	
3/4	1,866.12	3/4	1,478.26	3/4	1,090.40	3/4	703.30	3/4	315.50	3/4		3/4		3/4		3/4		3/4	
9	1,858.04	9	1,470.18	9	1,082.32	9	695.22	9	307.42	9		9		9		9		9	
1/4	1,849.96	1/4	1,462.10	1/4	1,074.24	1/4	687.15	1/4	299.34	1/4		1/4		1/4		1/4		1/4	
1/2	1,841.88	1/2	1,454.02	1/2	1,066.16	1/2	679.07	1/2	291.26	1/2		1/2		1/2		1/2		1/2	
3/4	1,833.80	3/4	1,445.94	3/4	1,058.08	3/4	670.99	3/4	283.18	3/4		3/4		3/4		3/4		3/4	
10	1,825.72	10	1,437.86	10	1,050.00	10	662.91	10	275.10	10		10		10		10		10	
1/4	1,817.63	1/4	1,429.78	1/4	1,041.92	1/4	654.83	1/4	267.02	1/4		1/4		1/4		1/4		1/4	
1/2	1,809.55	1/2	1,421.70	1/2	1,033.84	1/2	646.75	1/2	258.94	1/2		1/2		1/2		1/2		1/2	
3/4	1,801.47	3/4	1,413.61	3/4	1,025.76	3/4	638.67	3/4	250.86	3/4		3/4		3/4		3/4		3/4	
11	1,793.39	11	1,405.53	11	1,017.68	11	630.59	11	242.78	11		11		11		11		11	
1/4	1,785.31	1/4	1,397.45	1/4	1,009.60	1/4	622.51	1/4	234.69	1/4		1/4		1/4		1/4		1/4	
1/2	1,777.23	1/2	1,389.37	1/2	1,001.53	1/2	614.43	1/2	226.61	1/2		1/2		1/2		1/2		1/2	
3/4	1,769.15	3/4	1,381.29	3/4	993.46	3/4	606.35	3/4	218.53	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/13/2025 JS
CALCULATED: 05/14/2025 CL
PRINTED: 05/14/2025 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2025

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "EMS 532"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	5,196.24	0	4,835.69	0	4,455.62	0	4,067.40	0	3,679.18	0	3,290.95	0	2,902.72	0	2,514.47
1/4		1/4		1/4	5,188.92	1/4	4,827.96	1/4	4,447.54	1/4	4,059.32	1/4	3,671.09	1/4	3,282.86	1/4	2,894.63	1/4	2,506.38
1/2		1/2	5,531.06	1/2	5,181.60	1/2	4,820.22	1/2	4,439.45	1/2	4,051.23	1/2	3,663.00	1/2	3,274.77	1/2	2,886.54	1/2	2,498.28
3/4		3/4	5,525.45	3/4	5,174.25	3/4	4,812.45	3/4	4,431.36	3/4	4,043.14	3/4	3,654.92	3/4	3,266.68	3/4	2,878.45	3/4	2,490.19
1		1	5,519.83	1	5,166.90	1	4,804.69	1	4,423.28	1	4,035.05	1	3,646.83	1	3,258.59	1	2,870.37	1	2,482.10
1/4		1/4	5,514.22	1/4	5,159.55	1/4	4,796.92	1/4	4,415.19	1/4	4,026.96	1/4	3,638.74	1/4	3,250.51	1/4	2,862.28	1/4	2,474.01
1/2		1/2	5,508.61	1/2	5,152.20	1/2	4,789.16	1/2	4,407.10	1/2	4,018.88	1/2	3,630.65	1/2	3,242.42	1/2	2,854.19	1/2	2,465.92
3/4		3/4	5,501.48	3/4	5,144.82	3/4	4,781.36	3/4	4,399.01	3/4	4,010.79	3/4	3,622.56	3/4	3,234.33	3/4	2,846.10	3/4	2,457.83
2		2	5,494.34	2	5,137.44	2	4,773.56	2	4,390.92	2	4,002.70	2	3,614.47	2	3,226.24	2	2,838.01	2	2,449.74
1/4		1/4	5,487.21	1/4	5,130.06	1/4	4,765.77	1/4	4,382.84	1/4	3,994.61	1/4	3,606.38	1/4	3,218.15	1/4	2,829.92	1/4	2,441.65
1/2		1/2	5,480.08	1/2	5,122.68	1/2	4,757.97	1/2	4,374.75	1/2	3,986.52	1/2	3,598.29	1/2	3,210.07	1/2	2,821.84	1/2	2,433.55
3/4		3/4	5,472.14	3/4	5,115.27	3/4	4,750.14	3/4	4,366.66	3/4	3,978.44	3/4	3,590.21	3/4	3,201.98	3/4	2,813.75	3/4	2,425.46
3		3	5,464.20	3	5,107.86	3	4,742.32	3	4,358.57	3	3,970.35	3	3,582.12	3	3,193.89	3	2,805.66	3	2,417.37
1/4		1/4	5,456.26	1/4	5,100.44	1/4	4,734.49	1/4	4,350.48	1/4	3,962.26	1/4	3,574.03	1/4	3,185.80	1/4	2,797.57	1/4	2,409.28
1/2		1/2	5,448.32	1/2	5,093.03	1/2	4,726.66	1/2	4,342.40	1/2	3,954.17	1/2	3,565.94	1/2	3,177.71	1/2	2,789.48	1/2	2,401.19
3/4		3/4	5,440.28	3/4	5,085.59	3/4	4,718.81	3/4	4,334.31	3/4	3,946.08	3/4	3,557.85	3/4	3,169.63	3/4	2,781.40	3/4	2,393.10
4		4	5,432.24	4	5,078.15	4	4,710.95	4	4,326.22	4	3,938.00	4	3,549.77	4	3,161.54	4	2,773.31	4	2,385.01
1/4		1/4	5,424.20	1/4	5,070.71	1/4	4,703.09	1/4	4,318.13	1/4	3,929.91	1/4	3,541.68	1/4	3,153.45	1/4	2,765.22	1/4	2,376.92
1/2		1/2	5,416.16	1/2	5,063.26	1/2	4,695.23	1/2	4,310.04	1/2	3,921.82	1/2	3,533.59	1/2	3,145.36	1/2	2,757.13	1/2	2,368.82
3/4		3/4	5,408.35	3/4	5,055.79	3/4	4,687.34	3/4	4,301.96	3/4	3,913.73	3/4	3,525.50	3/4	3,137.27	3/4	2,749.04	3/4	2,360.73
5		5	5,400.53	5	5,048.32	5	4,679.46	5	4,293.87	5	3,905.64	5	3,517.41	5	3,129.18	5	2,740.96	5	2,352.64
1/4		1/4	5,392.72	1/4	5,040.84	1/4	4,671.57	1/4	4,285.78	1/4	3,897.56	1/4	3,509.33	1/4	3,121.10	1/4	2,732.87	1/4	2,344.55
1/2		1/2	5,384.90	1/2	5,033.37	1/2	4,663.68	1/2	4,277.69	1/2	3,889.47	1/2	3,501.24	1/2	3,113.01	1/2	2,724.78	1/2	2,336.46
3/4		3/4	5,377.53	3/4	5,025.87	3/4	4,655.76	3/4	4,269.60	3/4	3,881.38	3/4	3,493.15	3/4	3,104.92	3/4	2,716.69	3/4	2,328.37
6		6	5,370.16	6	5,018.36	6	4,647.84	6	4,261.52	6	3,873.29	6	3,485.06	6	3,096.83	6	2,708.60	6	2,320.28
1/4		1/4	5,362.80	1/4	5,010.86	1/4	4,639.92	1/4	4,253.43	1/4	3,865.20	1/4	3,476.97	1/4	3,088.74	1/4	2,700.52	1/4	2,312.19
1/2		1/2	5,355.43	1/2	5,003.36	1/2	4,632.00	1/2	4,245.34	1/2	3,857.12	1/2	3,468.88	1/2	3,080.66	1/2	2,692.43	1/2	2,304.10
3/4		3/4	5,348.26	3/4	4,995.82	3/4	4,624.05	3/4	4,237.25	3/4	3,849.03	3/4	3,460.80	3/4	3,072.57	3/4	2,684.34	3/4	2,296.00
7		7	5,341.09	7	4,988.29	7	4,616.10	7	4,229.16	7	3,840.94	7	3,452.71	7	3,064.48	7	2,676.25	7	2,287.91
1/4		1/4	5,333.93	1/4	4,980.75	1/4	4,608.15	1/4	4,221.08	1/4	3,832.85	1/4	3,444.62	1/4	3,056.39	1/4	2,668.16	1/4	2,279.82
1/2		1/2	5,326.76	1/2	4,973.22	1/2	4,600.20	1/2	4,212.99	1/2	3,824.76	1/2	3,436.53	1/2	3,048.30	1/2	2,660.07	1/2	2,271.73
3/4		3/4	5,319.57	3/4	4,965.65	3/4	4,592.22	3/4	4,204.90	3/4	3,816.68	3/4	3,428.44	3/4	3,040.22	3/4	2,651.99	3/4	2,263.64
8		8	5,312.37	8	4,958.09	8	4,584.24	8	4,196.81	8	3,808.59	8	3,420.36	8	3,032.13	8	2,643.90	8	2,255.55
1/4		1/4	5,305.17	1/4	4,950.52	1/4	4,576.26	1/4	4,188.72	1/4	3,800.50	1/4	3,412.27	1/4	3,024.04	1/4	2,635.81	1/4	2,247.46
1/2		1/2	5,297.98	1/2	4,942.96	1/2	4,568.28	1/2	4,180.64	1/2	3,792.41	1/2	3,404.18	1/2	3,015.95	1/2	2,627.72	1/2	2,239.37
3/4		3/4	5,290.75	3/4	4,935.36	3/4	4,560.27	3/4	4,172.55	3/4	3,784.32	3/4	3,396.09	3/4	3,007.86	3/4	2,619.63	3/4	2,231.27
9		9	5,283.52	9	4,927.77	9	4,552.26	9	4,164.46	9	3,776.24	9	3,388.00	9	2,999.78	9	2,611.55	9	2,223.18
1/4		1/4	5,276.29	1/4	4,920.17	1/4	4,544.25	1/4	4,156.37	1/4	3,768.15	1/4	3,379.92	1/4	2,991.69	1/4	2,603.46	1/4	2,215.09
1/2		1/2	5,269.07	1/2	4,912.58	1/2	4,536.24	1/2	4,148.28	1/2	3,760.06	1/2	3,371.83	1/2	2,983.60	1/2	2,595.37	1/2	2,207.00
3/4		3/4	5,261.81	3/4	4,904.93	3/4	4,528.19	3/4	4,140.20	3/4	3,751.97	3/4	3,363.74	3/4	2,975.51	3/4	2,587.28	3/4	2,198.91
10		10	5,254.55	10	4,897.28	10	4,520.15	10	4,132.11	10	3,743.88	10	3,355.65	10	2,967.42	10	2,579.19	10	2,190.82
1/4		1/4	5,247.29	1/4	4,889.63	1/4	4,512.11	1/4	4,124.02	1/4	3,735.80	1/4	3,347.56	1/4	2,959.33	1/4	2,571.11	1/4	2,182.73
1/2		1/2	5,240.03	1/2	4,881.98	1/2	4,504.07	1/2	4,115.93	1/2	3,727.71	1/2	3,339.48	1/2	2,951.25	1/2	2,563.02	1/2	2,174.64
3/4		3/4	5,232.75	3/4	4,874.27	3/4	4,496.00	3/4	4,107.84	3/4	3,719.62	3/4	3,331.39	3/4	2,943.16	3/4	2,554.93	3/4	2,166.54
11		11	5,225.46	11	4,866.57	11	4,487.93	11	4,099.76	11	3,711.53	11	3,323.30	11	2,935.07	11	2,546.83	11	2,158.45
1/4		1/4	5,218.17	1/4	4,858.86	1/4	4,479.86	1/4	4,091.67	1/4	3,703.44	1/4	3,315.21	1/4	2,926.98	1/4	2,538.74	1/4	2,150.36
1/2		1/2	5,210.88	1/2	4,851.16	1/2	4,471.79	1/2	4,083.58	1/2	3,695.36	1/2	3,307.12	1/2	2,918.89	1/2	2,530.65	1/2	2,142.27
3/4		3/4	5,203.56	3/4	4,843.43	3/4	4,463.71	3/4	4,075.49	3/4	3,687.27	3/4	3,299.03	3/4	2,910.81	3/4	2,522.56	3/4	2,134.18

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

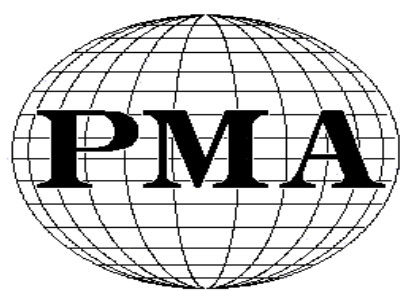
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" DIAMETER "HERMETIC" VALVE.

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 51'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "EMS 532"

2 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,126.09	0	1,737.71	0	1,349.33	0	974.47	0	599.07	0	210.74	0		0		0		0	
1/4	2,118.00	1/4	1,729.62	1/4	1,341.24	1/4	966.70	1/4	590.98	1/4	202.65	1/4		1/4		1/4		1/4	
1/2	2,109.91	1/2	1,721.53	1/2	1,333.15	1/2	958.93	1/2	582.89	1/2	194.56	1/2		1/2		1/2		1/2	
3/4	2,101.82	3/4	1,713.44	3/4	1,325.21	3/4	951.16	3/4	574.80	3/4	186.46	3/4		3/4		3/4		3/4	
1	2,093.72	1	1,705.35	1	1,317.28	1	943.40	1	566.71	1	178.37	1		1		1		1	
1/4	2,085.63	1/4	1,697.26	1/4	1,309.34	1/4	935.64	1/4	558.62	1/4	170.28	1/4		1/4		1/4		1/4	
1/2	2,077.54	1/2	1,689.16	1/2	1,301.40	1/2	927.87	1/2	550.52	1/2	162.19	1/2		1/2		1/2		1/2	
3/4	2,069.45	3/4	1,681.07	3/4	1,293.62	3/4	920.11	3/4	542.43	3/4	154.10	3/4		3/4		3/4		3/4	
2	2,061.36	2	1,672.98	2	1,285.83	2	912.35	2	534.34	2	146.01	2		2		2		2	
1/4	2,053.27	1/4	1,664.89	1/4	1,278.05	1/4	904.59	1/4	526.25	1/4	137.92	1/4		1/4		1/4		1/4	
1/2	2,045.18	1/2	1,656.80	1/2	1,270.26	1/2	896.82	1/2	518.16	1/2	129.83	1/2		1/2		1/2		1/2	
3/4	2,037.09	3/4	1,648.71	3/4	1,262.48	3/4	889.06	3/4	510.07	3/4	121.74	3/4		3/4		3/4		3/4	
3	2,028.99	3	1,640.62	3	1,254.69	3	881.30	3	501.98	3	113.64	3		3		3		3	
1/4	2,020.90	1/4	1,632.53	1/4	1,246.91	1/4	873.53	1/4	493.89	1/4	105.55	1/4		1/4		1/4		1/4	
1/2	2,012.81	1/2	1,624.43	1/2	1,239.12	1/2	865.77	1/2	485.80	1/2	97.46	1/2		1/2		1/2		1/2	
3/4	2,004.72	3/4	1,616.34	3/4	1,231.34	3/4	858.01	3/4	477.71	3/4	89.37	3/4		3/4		3/4		3/4	
4	1,996.63	4	1,608.25	4	1,223.55	4	850.24	4	469.63	4	81.28	4		4		4		4	
1/4	1,988.54	1/4	1,600.16	1/4	1,215.77	1/4	842.48	1/4	461.54	1/4	73.19	1/4		1/4		1/4		1/4	
1/2	1,980.45	1/2	1,592.07	1/2	1,207.98	1/2	834.72	1/2	453.45	1/2	65.10	1/2		1/2		1/2		1/2	
3/4	1,972.36	3/4	1,583.98	3/4	1,200.19	3/4	826.96	3/4	445.37	3/4	57.68	3/4		3/4		3/4		3/4	
5	1,964.26	5	1,575.89	5	1,192.41	5	819.19	5	437.28	5	50.26	5		5		5		5	
1/4	1,956.17	1/4	1,567.80	1/4	1,184.62	1/4	811.43	1/4	429.19	1/4	42.85	1/4		1/4		1/4		1/4	
1/2	1,948.08	1/2	1,559.70	1/2	1,176.84	1/2	803.67	1/2	421.11	1/2	35.43	1/2		1/2		1/2		1/2	
3/4	1,939.99	3/4	1,551.61	3/4	1,169.05	3/4	795.91	3/4	413.02	3/4	30.04	3/4		3/4		3/4		3/4	
6	1,931.90	6	1,543.52	6	1,161.27	6	788.15	6	404.93	6	24.64	6		6		6		6	
1/4	1,923.81	1/4	1,535.43	1/4	1,153.48	1/4	780.39	1/4	396.84	1/4	19.25	1/4		1/4		1/4		1/4	
1/2	1,915.72	1/2	1,527.34	1/2	1,145.70	1/2	772.63	1/2	388.74	1/2	13.85	1/2		1/2		1/2		1/2	
3/4	1,907.63	3/4	1,519.25	3/4	1,137.91	3/4	764.87	3/4	380.65	3/4		3/4		3/4		3/4		3/4	
7	1,899.54	7	1,511.16	7	1,130.13	7	757.10	7	372.56	7		7		7		7		7	
1/4	1,891.44	1/4	1,503.07	1/4	1,122.34	1/4	749.34	1/4	364.47	1/4		1/4		1/4		1/4		1/4	
1/2	1,883.35	1/2	1,494.98	1/2	1,114.56	1/2	741.58	1/2	356.38	1/2		1/2		1/2		1/2		1/2	
3/4	1,875.26	3/4	1,486.88	3/4	1,106.77	3/4	733.81	3/4	348.29	3/4		3/4		3/4		3/4		3/4	
8	1,867.17	8	1,478.79	8	1,098.99	8	726.04	8	340.20	8		8		8		8		8	
1/4	1,859.08	1/4	1,470.70	1/4	1,091.20	1/4	718.27	1/4	332.11	1/4		1/4		1/4		1/4		1/4	
1/2	1,850.99	1/2	1,462.61	1/2	1,083.42	1/2	710.50	1/2	324.02	1/2		1/2		1/2		1/2		1/2	
3/4	1,842.90	3/4	1,454.52	3/4	1,075.63	3/4	702.72	3/4	315.92	3/4		3/4		3/4		3/4		3/4	
9	1,834.81	9	1,446.43	9	1,067.85	9	694.94	9	307.83	9		9		9		9		9	
1/4	1,826.71	1/4	1,438.34	1/4	1,060.06	1/4	687.15	1/4	299.74	1/4		1/4		1/4		1/4		1/4	
1/2	1,818.62	1/2	1,430.25	1/2	1,052.28	1/2	679.37	1/2	291.65	1/2		1/2		1/2		1/2		1/2	
3/4	1,810.53	3/4	1,422.15	3/4	1,044.49	3/4	671.43	3/4	283.56	3/4		3/4		3/4		3/4		3/4	
10	1,802.44	10	1,414.06	10	1,036.71	10	663.50	10	275.47	10		10		10		10		10	
1/4	1,794.35	1/4	1,405.97	1/4	1,028.92	1/4	655.56	1/4	267.38	1/4		1/4		1/4		1/4		1/4	
1/2	1,786.26	1/2	1,397.88	1/2	1,021.14	1/2	647.62	1/2	259.29	1/2		1/2		1/2		1/2		1/2	
3/4	1,778.17	3/4	1,389.79	3/4	1,013.36	3/4	639.53	3/4	251.19	3/4		3/4		3/4		3/4		3/4	
11	1,770.08	11	1,381.70	11	1,005.57	11	631.44	11	243.10	11		11		11		11		11	
1/4	1,761.98	1/4	1,373.61	1/4	997.79	1/4	623.34	1/4	235.01	1/4		1/4		1/4		1/4		1/4	
1/2	1,753.89	1/2	1,365.52	1/2	990.01	1/2	615.25	1/2	226.92	1/2		1/2		1/2		1/2		1/2	
3/4	1,745.80	3/4	1,357.42	3/4	982.24	3/4	607.16	3/4	218.83	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/13/2025 JS
CALCULATED: 05/14/2025 CL
PRINTED: 05/14/2025 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2025

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "EMS 532"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,273.76	0	4,100.37	0	3,909.20	0	3,710.11	0	3,441.89	0	3,082.01	0	2,721.14	0	2,360.19
1/4		1/4		1/4	4,270.32	1/4	4,096.55	1/4	3,905.06	1/4	3,705.96	1/4	3,434.48	1/4	3,074.50	1/4	2,713.63	1/4	2,352.66
1/2		1/2		1/2	4,266.88	1/2	4,092.73	1/2	3,900.91	1/2	3,701.81	1/2	3,427.07	1/2	3,066.98	1/2	2,706.11	1/2	2,345.14
3/4		3/4	4,424.74	3/4	4,263.43	3/4	4,088.92	3/4	3,896.77	3/4	3,697.66	3/4	3,419.66	3/4	3,059.46	3/4	2,698.59	3/4	2,337.61
1		1	4,422.95	1	4,259.96	1	4,085.07	1	3,892.62	1	3,693.52	1	3,412.26	1	3,051.94	1	2,691.07	1	2,330.08
1/4		1/4	4,421.16	1/4	4,256.49	1/4	4,081.22	1/4	3,888.47	1/4	3,689.37	1/4	3,404.85	1/4	3,044.42	1/4	2,683.55	1/4	2,322.55
1/2		1/2	4,419.37	1/2	4,253.02	1/2	4,077.37	1/2	3,884.32	1/2	3,685.22	1/2	3,397.44	1/2	3,036.90	1/2	2,676.04	1/2	2,315.03
3/4		3/4	4,417.57	3/4	4,249.55	3/4	4,073.53	3/4	3,880.18	3/4	3,681.07	3/4	3,390.03	3/4	3,029.39	3/4	2,668.52	3/4	2,307.50
2		2	4,414.37	2	4,246.05	2	4,069.65	2	3,876.03	2	3,676.92	2	3,382.57	2	3,021.87	2	2,661.00	2	2,299.97
1/4		1/4	4,411.17	1/4	4,242.55	1/4	4,065.77	1/4	3,871.88	1/4	3,672.78	1/4	3,375.11	1/4	3,014.35	1/4	2,653.48	1/4	2,292.44
1/2		1/2	4,407.97	1/2	4,239.05	1/2	4,061.90	1/2	3,867.73	1/2	3,668.63	1/2	3,367.65	1/2	3,006.83	1/2	2,645.96	1/2	2,284.92
3/4		3/4	4,404.76	3/4	4,235.55	3/4	4,058.02	3/4	3,863.58	3/4	3,664.48	3/4	3,360.18	3/4	2,999.31	3/4	2,638.45	3/4	2,277.39
3		3	4,400.81	3	4,232.02	3	4,054.12	3	3,859.44	3	3,660.33	3	3,352.66	3	2,991.80	3	2,630.93	3	2,269.86
1/4		1/4	4,396.85	1/4	4,228.49	1/4	4,050.21	1/4	3,855.29	1/4	3,656.18	1/4	3,345.15	1/4	2,984.28	1/4	2,623.41	1/4	2,262.33
1/2		1/2	4,392.90	1/2	4,224.96	1/2	4,046.31	1/2	3,851.14	1/2	3,652.04	1/2	3,337.63	1/2	2,976.76	1/2	2,615.89	1/2	2,254.81
3/4		3/4	4,388.94	3/4	4,221.43	3/4	4,042.40	3/4	3,846.99	3/4	3,647.89	3/4	3,330.11	3/4	2,969.24	3/4	2,608.37	3/4	2,247.28
4		4	4,384.89	4	4,217.87	4	4,038.47	4	3,842.84	4	3,643.74	4	3,322.59	4	2,961.72	4	2,600.85	4	2,239.76
1/4		1/4	4,380.84	1/4	4,214.32	1/4	4,034.54	1/4	3,838.70	1/4	3,639.59	1/4	3,315.07	1/4	2,954.21	1/4	2,593.34	1/4	2,232.24
1/2		1/2	4,376.79	1/2	4,210.76	1/2	4,030.60	1/2	3,834.55	1/2	3,635.44	1/2	3,307.56	1/2	2,946.69	1/2	2,585.82	1/2	2,224.72
3/4		3/4	4,372.74	3/4	4,207.20	3/4	4,026.67	3/4	3,830.40	3/4	3,631.30	3/4	3,300.04	3/4	2,939.17	3/4	2,578.30	3/4	2,217.20
5		5	4,368.90	5	4,203.61	5	4,022.71	5	3,826.25	5	3,627.15	5	3,292.52	5	2,931.65	5	2,570.78	5	2,209.69
1/4		1/4	4,365.07	1/4	4,200.03	1/4	4,018.74	1/4	3,822.10	1/4	3,623.00	1/4	3,285.00	1/4	2,924.13	1/4	2,563.26	1/4	2,202.18
1/2		1/2	4,361.23	1/2	4,196.44	1/2	4,014.78	1/2	3,817.96	1/2	3,618.85	1/2	3,277.48	1/2	2,916.61	1/2	2,555.75	1/2	2,194.67
3/4		3/4	4,357.39	3/4	4,192.86	3/4	4,010.82	3/4	3,813.81	3/4	3,614.70	3/4	3,269.97	3/4	2,909.10	3/4	2,548.23	3/4	2,187.16
6		6	4,353.96	6	4,189.24	6	4,006.83	6	3,809.66	6	3,610.07	6	3,262.45	6	2,901.58	6	2,540.71	6	2,179.65
1/4		1/4	4,350.54	1/4	4,185.63	1/4	4,002.84	1/4	3,805.51	1/4	3,605.43	1/4	3,254.93	1/4	2,894.06	1/4	2,533.19	1/4	2,172.14
1/2		1/2	4,347.12	1/2	4,182.01	1/2	3,998.85	1/2	3,801.36	1/2	3,600.79	1/2	3,247.41	1/2	2,886.54	1/2	2,525.67	1/2	2,164.63
3/4		3/4	4,343.69	3/4	4,178.40	3/4	3,994.86	3/4	3,797.22	3/4	3,596.16	3/4	3,239.89	3/4	2,879.02	3/4	2,518.16	3/4	2,157.11
7		7	4,340.46	7	4,174.75	7	3,990.84	7	3,793.07	7	3,589.12	7	3,232.38	7	2,871.51	7	2,510.64	7	2,149.60
1/4		1/4	4,337.22	1/4	4,171.11	1/4	3,986.82	1/4	3,788.92	1/4	3,582.09	1/4	3,224.86	1/4	2,863.99	1/4	2,503.12	1/4	2,142.09
1/2		1/2	4,333.99	1/2	4,167.47	1/2	3,982.80	1/2	3,784.77	1/2	3,575.06	1/2	3,217.34	1/2	2,856.47	1/2	2,495.60	1/2	2,134.58
3/4		3/4	4,330.76	3/4	4,163.82	3/4	3,978.78	3/4	3,780.62	3/4	3,568.03	3/4	3,209.82	3/4	2,848.95	3/4	2,488.08	3/4	2,127.07
8		8	4,327.49	8	4,160.15	8	3,974.73	8	3,776.48	8	3,560.57	8	3,202.30	8	2,841.43	8	2,480.57	8	2,119.56
1/4		1/4	4,324.23	1/4	4,156.48	1/4	3,970.69	1/4	3,772.33	1/4	3,553.10	1/4	3,194.78	1/4	2,833.92	1/4	2,473.05	1/4	2,112.05
1/2		1/2	4,320.97	1/2	4,152.81	1/2	3,966.64	1/2	3,768.18	1/2	3,545.64	1/2	3,187.27	1/2	2,826.40	1/2	2,465.53	1/2	2,104.54
3/4		3/4	4,317.70	3/4	4,149.14	3/4	3,962.59	3/4	3,764.03	3/4	3,538.18	3/4	3,179.75	3/4	2,818.88	3/4	2,458.01	3/4	2,097.03
9		9	4,314.38	9	4,145.44	9	3,958.51	9	3,759.88	9	3,530.77	9	3,172.23	9	2,811.36	9	2,450.49	9	2,089.52
1/4		1/4	4,311.05	1/4	4,141.74	1/4	3,954.44	1/4	3,755.74	1/4	3,523.36	1/4	3,164.71	1/4	2,803.84	1/4	2,442.97	1/4	2,082.00
1/2		1/2	4,307.73	1/2	4,138.04	1/2	3,950.36	1/2	3,751.59	1/2	3,515.96	1/2	3,157.19	1/2	2,796.33	1/2	2,435.45	1/2	2,074.49
3/4		3/4	4,304.41	3/4	4,134.33	3/4	3,946.28	3/4	3,747.44	3/4	3,508.55	3/4	3,149.68	3/4	2,788.81	3/4	2,427.92	3/4	2,066.98
10		10	4,301.02	10	4,130.59	10	3,942.18	10	3,743.29	10	3,501.14	10	3,142.16	10	2,781.29	10	2,420.40	10	2,059.47
1/4		1/4	4,297.63	1/4	4,126.84	1/4	3,938.07	1/4	3,739.14	1/4	3,493.74	1/4	3,134.64	1/4	2,773.77	1/4	2,412.87	1/4	2,051.96
1/2		1/2	4,294.25	1/2	4,123.10	1/2	3,933.97	1/2	3,735.00	1/2	3,486.33	1/2	3,127.12	1/2	2,766.25	1/2	2,405.35	1/2	2,044.45
3/4		3/4	4,290.86	3/4	4,119.35	3/4	3,929.86	3/4	3,730.85	3/4	3,478.92	3/4	3,119.60	3/4	2,758.73	3/4	2,397.82	3/4	2,036.94
11		11	4,287.45	11	4,115.56	11	3,925.73	11	3,726.70	11	3,471.51	11	3,112.09	11	2,751.22	11	2,390.30	11	2,029.43
1/4		1/4	4,284.03	1/4	4,111.77	1/4	3,921.60	1/4	3,722.55	1/4	3,464.11	1/4	3,104.57	1/4	2,743.70	1/4	2,382.77	1/4	2,021.92
1/2		1/2	4,280.62	1/2	4,107.98	1/2	3,917.47	1/2	3,718.40	1/2	3,456.70	1/2	3,097.05	1/2	2,736.18	1/2	2,375.24	1/2	2,014.41
3/4		3/4	4,277.21	3/4	4,104.19	3/4	3,913.34	3/4	3,714.26	3/4	3,449.29	3/4	3,089.53	3/4	2,728.66	3/4	2,367.72	3/4	2,006.89

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

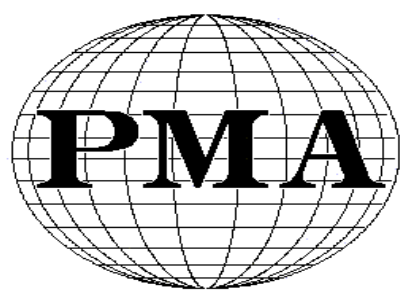
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" DIAMETER "HERMETIC" VALVE.

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 45'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "EMS 532"

3 PORT
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 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	1,999.38	0	1,638.45	0	1,277.29	0	917.48	0	564.92	0	203.62	0		0		0		0	
1/4	1,991.87	1/4	1,630.93	1/4	1,269.76	1/4	910.16	1/4	557.39	1/4	196.10	1/4		1/4		1/4		1/4	
1/2	1,984.36	1/2	1,623.40	1/2	1,262.24	1/2	902.84	1/2	549.86	1/2	188.57	1/2		1/2		1/2		1/2	
3/4	1,976.85	3/4	1,615.88	3/4	1,254.71	3/4	895.53	3/4	542.33	3/4	181.04	3/4		3/4		3/4		3/4	
1	1,969.34	1	1,608.35	1	1,247.19	1	888.22	1	534.81	1	173.51	1		1		1		1	
1/4	1,961.83	1/4	1,600.83	1/4	1,239.67	1/4	880.91	1/4	527.28	1/4	165.98	1/4		1/4		1/4		1/4	
1/2	1,954.32	1/2	1,593.31	1/2	1,232.14	1/2	873.60	1/2	519.75	1/2	158.46	1/2		1/2		1/2		1/2	
3/4	1,946.81	3/4	1,585.78	3/4	1,224.62	3/4	866.29	3/4	512.22	3/4	150.93	3/4		3/4		3/4		3/4	
2	1,939.30	2	1,578.26	2	1,217.09	2	858.98	2	504.69	2	143.40	2		2		2		2	
1/4	1,931.78	1/4	1,570.73	1/4	1,209.57	1/4	851.66	1/4	497.17	1/4	135.87	1/4		1/4		1/4		1/4	
1/2	1,924.27	1/2	1,563.21	1/2	1,202.04	1/2	844.35	1/2	489.64	1/2	128.34	1/2		1/2		1/2		1/2	
3/4	1,916.76	3/4	1,555.68	3/4	1,194.52	3/4	837.04	3/4	482.11	3/4	120.82	3/4		3/4		3/4		3/4	
3	1,909.25	3	1,548.16	3	1,186.99	3	829.73	3	474.58	3	113.29	3		3		3		3	
1/4	1,901.74	1/4	1,540.64	1/4	1,179.47	1/4	822.42	1/4	467.06	1/4	105.76	1/4		1/4		1/4		1/4	
1/2	1,894.23	1/2	1,533.11	1/2	1,171.94	1/2	815.11	1/2	459.53	1/2	98.23	1/2		1/2		1/2		1/2	
3/4	1,886.72	3/4	1,525.59	3/4	1,164.42	3/4	807.80	3/4	452.00	3/4	90.70	3/4		3/4		3/4		3/4	
4	1,879.20	4	1,518.06	4	1,156.89	4	800.49	4	444.48	4	83.18	4		4		4		4	
1/4	1,871.69	1/4	1,510.54	1/4	1,149.37	1/4	793.18	1/4	436.96	1/4	75.65	1/4		1/4		1/4		1/4	
1/2	1,864.17	1/2	1,503.01	1/2	1,141.84	1/2	785.87	1/2	429.43	1/2	68.12	1/2		1/2		1/2		1/2	
3/4	1,856.65	3/4	1,495.49	3/4	1,134.32	3/4	778.56	3/4	421.91	3/4	60.59	3/4		3/4		3/4		3/4	
5	1,849.13	5	1,487.97	5	1,126.79	5	771.25	5	414.39	5	53.69	5		5		5		5	
1/4	1,841.60	1/4	1,480.44	1/4	1,119.27	1/4	763.95	1/4	406.86	1/4	46.79	1/4		1/4		1/4		1/4	
1/2	1,834.08	1/2	1,472.92	1/2	1,111.75	1/2	756.64	1/2	399.34	1/2	39.89	1/2		1/2		1/2		1/2	
3/4	1,826.56	3/4	1,465.39	3/4	1,104.22	3/4	749.33	3/4	391.82	3/4	32.99	3/4		3/4		3/4		3/4	
6	1,819.03	6	1,457.87	6	1,096.70	6	742.02	6	384.29	6	27.97	6		6		6		6	
1/4	1,811.51	1/4	1,450.35	1/4	1,089.17	1/4	734.71	1/4	376.76	1/4	22.95	1/4		1/4		1/4		1/4	
1/2	1,803.98	1/2	1,442.82	1/2	1,081.65	1/2	727.41	1/2	369.24	1/2	17.93	1/2		1/2		1/2		1/2	
3/4	1,796.46	3/4	1,435.30	3/4	1,074.12	3/4	720.10	3/4	361.71	3/4	12.91	3/4		3/4		3/4		3/4	
7	1,788.93	7	1,427.77	7	1,066.60	7	712.79	7	354.18	7		7		7		7		7	
1/4	1,781.41	1/4	1,420.25	1/4	1,059.07	1/4	705.48	1/4	346.66	1/4		1/4		1/4		1/4		1/4	
1/2	1,773.89	1/2	1,412.72	1/2	1,051.55	1/2	698.17	1/2	339.13	1/2		1/2		1/2		1/2		1/2	
3/4	1,766.36	3/4	1,405.20	3/4	1,044.02	3/4	690.86	3/4	331.60	3/4		3/4		3/4		3/4		3/4	
8	1,758.84	8	1,397.68	8	1,036.50	8	683.54	8	324.07	8		8		8		8		8	
1/4	1,751.31	1/4	1,390.15	1/4	1,028.97	1/4	676.23	1/4	316.54	1/4		1/4		1/4		1/4		1/4	
1/2	1,743.79	1/2	1,382.63	1/2	1,021.45	1/2	668.91	1/2	309.02	1/2		1/2		1/2		1/2		1/2	
3/4	1,736.26	3/4	1,375.10	3/4	1,013.92	3/4	661.59	3/4	301.49	3/4		3/4		3/4		3/4		3/4	
9	1,728.74	9	1,367.58	9	1,006.40	9	654.26	9	293.96	9		9		9		9		9	
1/4	1,721.22	1/4	1,360.05	1/4	998.87	1/4	646.93	1/4	286.43	1/4		1/4		1/4		1/4		1/4	
1/2	1,713.69	1/2	1,352.53	1/2	991.35	1/2	639.61	1/2	278.90	1/2		1/2		1/2		1/2		1/2	
3/4	1,706.17	3/4	1,345.01	3/4	983.83	3/4	632.28	3/4	271.38	3/4		3/4		3/4		3/4		3/4	
10	1,698.64	10	1,337.48	10	976.40	10	624.85	10	263.85	10		10		10		10		10	
1/4	1,691.12	1/4	1,329.96	1/4	968.97	1/4	617.42	1/4	256.32	1/4		1/4		1/4		1/4		1/4	
1/2	1,683.60	1/2	1,322.43	1/2	961.54	1/2	609.99	1/2	248.79	1/2		1/2		1/2		1/2		1/2	
3/4	1,676.07	3/4	1,314.91	3/4	954.11	3/4	602.56	3/4	241.26	3/4		3/4		3/4		3/4		3/4	
11	1,668.55	11	1,307.39	11	946.78	11	595.03	11	233.74	11		11		11		11		11	
1/4	1,661.02	1/4	1,299.86	1/4	939.45	1/4	587.50	1/4	226.21	1/4		1/4		1/4		1/4		1/4	
1/2	1,653.50	1/2	1,292.34	1/2	932.13	1/2	579.97	1/2	218.68	1/2		1/2		1/2		1/2		1/2	
3/4	1,645.97	3/4	1,284.81	3/4	924.80	3/4	572.45	3/4	211.15	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/13/2025 JS
CALCULATED: 05/14/2025 CL
PRINTED: 05/14/2025 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2025

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "EMS 532"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,260.68	0	4,086.27	0	3,894.10	0	3,694.02	0	3,424.98	0	3,064.99	0	2,704.00	0	2,343.09
1/4		1/4		1/4	4,257.21	1/4	4,082.43	1/4	3,889.94	1/4	3,689.85	1/4	3,417.57	1/4	3,057.47	1/4	2,696.48	1/4	2,335.56
1/2		1/2		1/2	4,253.75	1/2	4,078.59	1/2	3,885.77	1/2	3,685.69	1/2	3,410.16	1/2	3,049.95	1/2	2,688.96	1/2	2,328.03
3/4		3/4	4,412.58	3/4	4,250.29	3/4	4,074.75	3/4	3,881.61	3/4	3,681.52	3/4	3,402.75	3/4	3,042.43	3/4	2,681.44	3/4	2,320.50
1		1	4,410.77	1	4,246.79	1	4,070.89	1	3,877.44	1	3,677.35	1	3,395.34	1	3,034.91	1	2,673.92	1	2,312.97
1/4		1/4	4,408.97	1/4	4,243.30	1/4	4,067.02	1/4	3,873.27	1/4	3,673.18	1/4	3,387.93	1/4	3,027.39	1/4	2,666.40	1/4	2,305.44
1/2		1/2	4,407.16	1/2	4,239.81	1/2	4,063.15	1/2	3,869.10	1/2	3,669.01	1/2	3,380.52	1/2	3,019.86	1/2	2,658.88	1/2	2,297.91
3/4		3/4	4,405.35	3/4	4,236.31	3/4	4,059.28	3/4	3,864.94	3/4	3,664.84	3/4	3,373.11	3/4	3,012.34	3/4	2,651.36	3/4	2,290.37
2		2	4,402.13	2	4,232.79	2	4,055.38	2	3,860.77	2	3,660.67	2	3,365.64	2	3,004.82	2	2,643.84	2	2,282.84
1/4		1/4	4,398.91	1/4	4,229.27	1/4	4,051.49	1/4	3,856.60	1/4	3,656.51	1/4	3,358.18	1/4	2,997.30	1/4	2,636.32	1/4	2,275.31
1/2		1/2	4,395.69	1/2	4,225.75	1/2	4,047.59	1/2	3,852.43	1/2	3,652.34	1/2	3,350.71	1/2	2,989.78	1/2	2,628.81	1/2	2,267.78
3/4		3/4	4,392.47	3/4	4,222.23	3/4	4,043.69	3/4	3,848.26	3/4	3,648.17	3/4	3,343.25	3/4	2,982.26	3/4	2,621.29	3/4	2,260.25
3		3	4,388.49	3	4,218.68	3	4,039.77	3	3,844.09	3	3,644.00	3	3,335.73	3	2,974.74	3	2,613.77	3	2,252.72
1/4		1/4	4,384.51	1/4	4,215.13	1/4	4,035.84	1/4	3,839.92	1/4	3,639.83	1/4	3,328.21	1/4	2,967.22	1/4	2,606.26	1/4	2,245.19
1/2		1/2	4,380.54	1/2	4,211.58	1/2	4,031.91	1/2	3,835.76	1/2	3,635.66	1/2	3,320.68	1/2	2,959.70	1/2	2,598.74	1/2	2,237.66
3/4		3/4	4,376.56	3/4	4,208.03	3/4	4,027.99	3/4	3,831.59	3/4	3,631.49	3/4	3,313.16	3/4	2,952.18	3/4	2,591.23	3/4	2,230.12
4		4	4,372.49	4	4,204.45	4	4,024.04	4	3,827.42	4	3,627.33	4	3,305.64	4	2,944.66	4	2,583.71	4	2,222.60
1/4		1/4	4,368.42	1/4	4,200.87	1/4	4,020.08	1/4	3,823.25	1/4	3,623.16	1/4	3,298.12	1/4	2,937.14	1/4	2,576.20	1/4	2,215.08
1/2		1/2	4,364.35	1/2	4,197.29	1/2	4,016.13	1/2	3,819.08	1/2	3,618.99	1/2	3,290.60	1/2	2,929.62	1/2	2,568.68	1/2	2,207.56
3/4		3/4	4,360.28	3/4	4,193.71	3/4	4,012.17	3/4	3,814.91	3/4	3,614.82	3/4	3,283.08	3/4	2,922.10	3/4	2,561.17	3/4	2,200.03
5		5	4,356.42	5	4,190.11	5	4,008.19	5	3,810.74	5	3,610.65	5	3,275.56	5	2,914.58	5	2,553.65	5	2,192.52
1/4		1/4	4,352.56	1/4	4,186.50	1/4	4,004.21	1/4	3,806.57	1/4	3,606.48	1/4	3,268.04	1/4	2,907.06	1/4	2,546.14	1/4	2,185.00
1/2		1/2	4,348.70	1/2	4,182.89	1/2	4,000.22	1/2	3,802.41	1/2	3,602.31	1/2	3,260.52	1/2	2,899.54	1/2	2,538.62	1/2	2,177.49
3/4		3/4	4,344.84	3/4	4,179.28	3/4	3,996.24	3/4	3,798.24	3/4	3,598.14	3/4	3,253.00	3/4	2,892.02	3/4	2,531.11	3/4	2,169.97
6		6	4,341.40	6	4,175.65	6	3,992.23	6	3,794.07	6	3,593.49	6	3,245.48	6	2,884.50	6	2,523.59	6	2,162.46
1/4		1/4	4,337.95	1/4	4,172.01	1/4	3,988.22	1/4	3,789.90	1/4	3,588.83	1/4	3,237.96	1/4	2,876.98	1/4	2,516.08	1/4	2,154.94
1/2		1/2	4,334.51	1/2	4,168.38	1/2	3,984.21	1/2	3,785.73	1/2	3,584.17	1/2	3,230.44	1/2	2,869.45	1/2	2,508.56	1/2	2,147.43
3/4		3/4	4,331.06	3/4	4,164.74	3/4	3,980.20	3/4	3,781.56	3/4	3,579.52	3/4	3,222.92	3/4	2,861.93	3/4	2,501.05	3/4	2,139.91
7		7	4,327.80	7	4,161.08	7	3,976.16	7	3,777.39	7	3,572.47	7	3,215.40	7	2,854.41	7	2,493.53	7	2,132.40
1/4		1/4	4,324.55	1/4	4,157.41	1/4	3,972.12	1/4	3,773.23	1/4	3,565.42	1/4	3,207.88	1/4	2,846.89	1/4	2,486.02	1/4	2,124.88
1/2		1/2	4,321.29	1/2	4,153.75	1/2	3,968.08	1/2	3,769.06	1/2	3,558.37	1/2	3,200.36	1/2	2,839.37	1/2	2,478.50	1/2	2,117.37
3/4		3/4	4,318.04	3/4	4,150.08	3/4	3,964.04	3/4	3,764.89	3/4	3,551.32	3/4	3,192.84	3/4	2,831.85	3/4	2,470.99	3/4	2,109.85
8		8	4,314.75	8	4,146.39	8	3,959.97	8	3,760.72	8	3,543.85	8	3,185.32	8	2,824.33	8	2,463.47	8	2,102.39
1/4		1/4	4,311.47	1/4	4,142.70	1/4	3,955.90	1/4	3,756.55	1/4	3,536.37	1/4	3,177.80	1/4	2,816.81	1/4	2,455.95	1/4	2,094.92
1/2		1/2	4,308.18	1/2	4,139.00	1/2	3,951.83	1/2	3,752.38	1/2	3,528.89	1/2	3,170.27	1/2	2,809.29	1/2	2,448.44	1/2	2,087.45
3/4		3/4	4,304.90	3/4	4,135.31	3/4	3,947.76	3/4	3,748.21	3/4	3,521.42	3/4	3,162.75	3/4	2,801.77	3/4	2,440.92	3/4	2,079.98
9		9	4,301.55	9	4,131.59	9	3,943.66	9	3,744.05	9	3,514.00	9	3,155.23	9	2,794.25	9	2,433.41	9	2,072.56
1/4		1/4	4,298.21	1/4	4,127.87	1/4	3,939.57	1/4	3,739.88	1/4	3,506.58	1/4	3,147.71	1/4	2,786.73	1/4	2,425.89	1/4	2,065.14
1/2		1/2	4,294.86	1/2	4,124.15	1/2	3,935.47	1/2	3,735.71	1/2	3,499.15	1/2	3,140.19	1/2	2,779.21	1/2	2,418.37	1/2	2,057.72
3/4		3/4	4,291.52	3/4	4,120.42	3/4	3,931.37	3/4	3,731.54	3/4	3,491.73	3/4	3,132.67	3/4	2,771.69	3/4	2,410.85	3/4	2,050.30
10		10	4,288.11	10	4,116.66	10	3,927.25	10	3,727.37	10	3,484.31	10	3,125.15	10	2,764.17	10	2,403.32	10	2,042.88
1/4		1/4	4,284.70	1/4	4,112.89	1/4	3,923.12	1/4	3,723.20	1/4	3,476.89	1/4	3,117.63	1/4	2,756.65	1/4	2,395.80	1/4	2,035.45
1/2		1/2	4,281.29	1/2	4,109.12	1/2	3,919.00	1/2	3,719.03	1/2	3,469.47	1/2	3,110.11	1/2	2,749.13	1/2	2,388.27	1/2	2,028.03
3/4		3/4	4,277.89	3/4	4,105.36	3/4	3,914.87	3/4	3,714.87	3/4	3,462.05	3/4	3,102.59	3/4	2,741.61	3/4	2,380.75	3/4	2,020.61
11		11	4,274.45	11	4,101.55	11	3,910.72	11	3,710.70	11	3,454.63	11	3,095.07	11	2,734.09	11	2,373.22	11	2,013.19
1/4		1/4	4,271.01	1/4	4,097.74	1/4	3,906.57	1/4	3,706.53	1/4	3,447.22	1/4	3,087.55	1/4	2,726.57	1/4	2,365.69	1/4	2,005.77
1/2		1/2	4,267.58	1/2	4,093.92	1/2	3,902.42	1/2	3,702.36	1/2	3,439.80	1/2	3,080.03	1/2	2,719.04	1/2	2,358.16	1/2	1,998.35
3/4		3/4	4,264.14	3/4	4,090.11	3/4	3,898.27	3/4	3,698.19	3/4	3,432.39	3/4	3,072.51	3/4	2,711.52	3/4	2,350.62	3/4	1,990.93

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

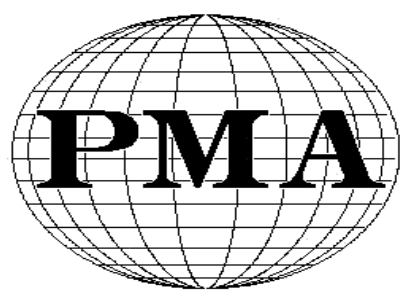
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" DIAMETER "HERMETIC" VALVE.

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 45'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "EMS 532"

3 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 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	1,983.51	0	1,625.53	0	1,264.34	0	906.56	0	565.53	0	203.98	0		0		0		0	
1/4	1,976.09	1/4	1,618.00	1/4	1,256.81	1/4	899.53	1/4	558.00	1/4	196.45	1/4		1/4		1/4		1/4	
1/2	1,968.66	1/2	1,610.48	1/2	1,249.29	1/2	892.50	1/2	550.46	1/2	188.91	1/2		1/2		1/2		1/2	
3/4	1,961.24	3/4	1,602.95	3/4	1,241.76	3/4	885.47	3/4	542.93	3/4	181.38	3/4		3/4		3/4		3/4	
1	1,953.82	1	1,595.43	1	1,234.24	1	878.45	1	535.40	1	173.85	1		1		1		1	
1/4	1,946.40	1/4	1,587.90	1/4	1,226.71	1/4	871.43	1/4	527.86	1/4	166.31	1/4		1/4		1/4		1/4	
1/2	1,938.98	1/2	1,580.38	1/2	1,219.19	1/2	864.41	1/2	520.33	1/2	158.78	1/2		1/2		1/2		1/2	
3/4	1,931.56	3/4	1,572.85	3/4	1,211.66	3/4	857.39	3/4	512.80	3/4	151.25	3/4		3/4		3/4		3/4	
2	1,924.14	2	1,565.33	2	1,204.14	2	850.36	2	505.26	2	143.71	2		2		2		2	
1/4	1,916.72	1/4	1,557.81	1/4	1,196.61	1/4	843.33	1/4	497.73	1/4	136.17	1/4		1/4		1/4		1/4	
1/2	1,909.30	1/2	1,550.28	1/2	1,189.09	1/2	836.31	1/2	490.20	1/2	128.63	1/2		1/2		1/2		1/2	
3/4	1,901.87	3/4	1,542.76	3/4	1,181.56	3/4	829.28	3/4	482.66	3/4	121.09	3/4		3/4		3/4		3/4	
3	1,894.45	3	1,535.23	3	1,174.04	3	822.26	3	475.13	3	113.54	3		3		3		3	
1/4	1,887.03	1/4	1,527.71	1/4	1,166.51	1/4	815.23	1/4	467.60	1/4	106.00	1/4		1/4		1/4		1/4	
1/2	1,879.61	1/2	1,520.18	1/2	1,158.98	1/2	808.21	1/2	460.07	1/2	98.45	1/2		1/2		1/2		1/2	
3/4	1,872.19	3/4	1,512.66	3/4	1,151.45	3/4	801.18	3/4	452.54	3/4	90.91	3/4		3/4		3/4		3/4	
4	1,864.76	4	1,505.13	4	1,143.93	4	794.16	4	445.01	4	83.36	4		4		4		4	
1/4	1,857.33	1/4	1,497.61	1/4	1,136.40	1/4	787.13	1/4	437.48	1/4	75.82	1/4		1/4		1/4		1/4	
1/2	1,849.91	1/2	1,490.08	1/2	1,128.87	1/2	780.10	1/2	429.95	1/2	68.27	1/2		1/2		1/2		1/2	
3/4	1,842.48	3/4	1,482.56	3/4	1,121.34	3/4	773.08	3/4	422.42	3/4	60.73	3/4		3/4		3/4		3/4	
5	1,835.04	5	1,475.03	5	1,113.82	5	766.06	5	414.89	5	53.81	5		5		5		5	
1/4	1,827.61	1/4	1,467.51	1/4	1,106.29	1/4	759.03	1/4	407.36	1/4	46.90	1/4		1/4		1/4		1/4	
1/2	1,820.18	1/2	1,459.98	1/2	1,098.77	1/2	752.01	1/2	399.83	1/2	39.98	1/2		1/2		1/2		1/2	
3/4	1,812.74	3/4	1,452.46	3/4	1,091.24	3/4	744.98	3/4	392.31	3/4	33.06	3/4		3/4		3/4		3/4	
6	1,805.31	6	1,444.93	6	1,083.72	6	737.96	6	384.77	6	28.03	6		6		6		6	
1/4	1,797.87	1/4	1,437.41	1/4	1,076.20	1/4	730.94	1/4	377.24	1/4	23.00	1/4		1/4		1/4		1/4	
1/2	1,790.44	1/2	1,429.89	1/2	1,068.69	1/2	723.91	1/2	369.71	1/2	17.97	1/2		1/2		1/2		1/2	
3/4	1,783.00	3/4	1,422.36	3/4	1,061.17	3/4	716.89	3/4	362.18	3/4	12.94	3/4		3/4		3/4		3/4	
7	1,775.57	7	1,414.84	7	1,053.65	7	709.87	7	354.64	7		7		7		7		7	
1/4	1,768.14	1/4	1,407.31	1/4	1,046.13	1/4	702.84	1/4	347.11	1/4		1/4		1/4		1/4		1/4	
1/2	1,760.70	1/2	1,399.79	1/2	1,038.61	1/2	695.82	1/2	339.58	1/2		1/2		1/2		1/2		1/2	
3/4	1,753.27	3/4	1,392.26	3/4	1,031.09	3/4	688.79	3/4	332.04	3/4		3/4		3/4		3/4		3/4	
8	1,745.79	8	1,384.74	8	1,023.57	8	681.75	8	324.51	8		8		8		8		8	
1/4	1,738.31	1/4	1,377.21	1/4	1,016.05	1/4	674.71	1/4	316.98	1/4		1/4		1/4		1/4		1/4	
1/2	1,730.83	1/2	1,369.69	1/2	1,008.53	1/2	667.67	1/2	309.44	1/2		1/2		1/2		1/2		1/2	
3/4	1,723.35	3/4	1,362.16	3/4	1,001.01	3/4	660.63	3/4	301.91	3/4		3/4		3/4		3/4		3/4	
9	1,715.82	9	1,354.64	9	993.49	9	653.57	9	294.38	9		9		9		9		9	
1/4	1,708.30	1/4	1,347.11	1/4	985.97	1/4	646.51	1/4	286.84	1/4		1/4		1/4		1/4		1/4	
1/2	1,700.77	1/2	1,339.59	1/2	978.45	1/2	639.45	1/2	279.31	1/2		1/2		1/2		1/2		1/2	
3/4	1,693.25	3/4	1,332.06	3/4	970.93	3/4	632.39	3/4	271.78	3/4		3/4		3/4		3/4		3/4	
10	1,685.72	10	1,324.54	10	963.65	10	625.09	10	264.24	10		10		10		10		10	
1/4	1,678.20	1/4	1,317.01	1/4	956.36	1/4	617.79	1/4	256.71	1/4		1/4		1/4		1/4		1/4	
1/2	1,670.68	1/2	1,309.49	1/2	949.07	1/2	610.49	1/2	249.18	1/2		1/2		1/2		1/2		1/2	
3/4	1,663.15	3/4	1,301.97	3/4	941.79	3/4	603.20	3/4	241.64	3/4		3/4		3/4		3/4		3/4	
11	1,655.63	11	1,294.44	11	934.74	11	595.66	11	234.11	11		11		11		11		11	
1/4	1,648.10	1/4	1,286.91	1/4	927.69	1/4	588.13	1/4	226.58	1/4		1/4		1/4		1/4		1/4	
1/2	1,640.58	1/2	1,279.39	1/2	920.64	1/2	580.60	1/2	219.04	1/2		1/2		1/2		1/2		1/2	
3/4	1,633.05	3/4	1,271.86	3/4	913.59	3/4	573.06	3/4	211.51	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/13/2025 JS
CALCULATED: 05/14/2025 CL
PRINTED: 05/14/2025 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2025

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



BARGE "EMS 532"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 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	- 01-1/4	01-1/4	- 01-1/2	01-1/2
1 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	- 01-1/4	01-1/4	- 01-1/2	01-1/2
2 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	- 01-1/4	01-1/4	- 01-1/2	01-1/2
2 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	- 01-1/4	01-1/4	- 01-1/2	01-1/2
3 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-1/2	00-1/2
3 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-1/2	00-1/2

(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)

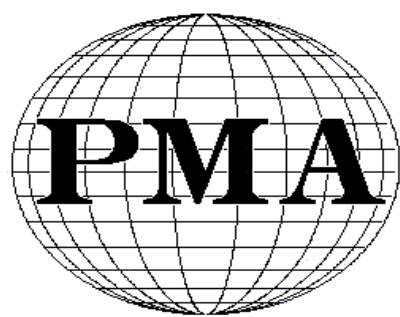
THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS 00-1/2"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 1/2"

LENGTH BETWEEN DRAFT MARKS: 236'-09"

May 12, 2025

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

<http://www.pmacorp.net>



BARGE "EMS 532"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	10.16	0	260.00	0	542.09	0	846.47	0	1,172.86	0	1,504.33	0	1,835.81	0	2,167.22	0	2,498.57	0	2,829.91
1/4	13.49	1/4	265.67	1/4	548.20	1/4	853.08	1/4	1,179.76	1/4	1,511.24	1/4	1,842.71	1/4	2,174.13	1/4	2,505.47	1/4	2,836.81
1/2	16.82	1/2	271.33	1/2	554.31	1/2	859.69	1/2	1,186.67	1/2	1,518.14	1/2	1,849.62	1/2	2,181.03	1/2	2,512.37	1/2	2,843.72
3/4	20.14	3/4	276.99	3/4	560.43	3/4	866.30	3/4	1,193.58	3/4	1,525.05	3/4	1,856.52	3/4	2,187.93	3/4	2,519.28	3/4	2,850.62
1	23.47	1	282.66	1	566.54	1	872.91	1	1,200.48	1	1,531.96	1	1,863.43	1	2,194.84	1	2,526.18	1	2,857.52
1/4	28.13	1/4	288.35	1/4	572.69	1/4	879.56	1/4	1,207.39	1/4	1,538.86	1/4	1,870.33	1/4	2,201.74	1/4	2,533.08	1/4	2,864.43
1/2	32.78	1/2	294.05	1/2	578.85	1/2	886.21	1/2	1,214.29	1/2	1,545.77	1/2	1,877.24	1/2	2,208.64	1/2	2,539.99	1/2	2,871.33
3/4	37.44	3/4	299.75	3/4	585.00	3/4	892.86	3/4	1,221.20	3/4	1,552.67	3/4	1,884.15	3/4	2,215.54	3/4	2,546.89	3/4	2,878.23
2	42.09	2	305.45	2	591.15	2	899.51	2	1,228.10	2	1,559.58	2	1,891.05	2	2,222.45	2	2,553.79	2	2,885.14
1/4	47.36	1/4	311.19	1/4	597.35	1/4	906.20	1/4	1,235.01	1/4	1,566.48	1/4	1,897.96	1/4	2,229.35	1/4	2,560.69	1/4	2,892.04
1/2	52.64	1/2	316.93	1/2	603.54	1/2	912.89	1/2	1,241.92	1/2	1,573.39	1/2	1,904.86	1/2	2,236.25	1/2	2,567.60	1/2	2,898.94
3/4	57.91	3/4	322.67	3/4	609.74	3/4	919.58	3/4	1,248.82	3/4	1,580.30	3/4	1,911.77	3/4	2,243.16	3/4	2,574.50	3/4	2,905.84
3	63.18	3	328.41	3	615.93	3	926.26	3	1,255.73	3	1,587.20	3	1,918.67	3	2,250.06	3	2,581.40	3	2,912.75
1/4	68.49	1/4	334.19	1/4	622.16	1/4	932.99	1/4	1,262.63	1/4	1,594.11	1/4	1,925.58	1/4	2,256.96	1/4	2,588.31	1/4	2,919.65
1/2	73.80	1/2	339.97	1/2	628.40	1/2	939.72	1/2	1,269.54	1/2	1,601.01	1/2	1,932.49	1/2	2,263.87	1/2	2,595.21	1/2	2,926.55
3/4	79.11	3/4	345.75	3/4	634.63	3/4	946.45	3/4	1,276.44	3/4	1,607.92	3/4	1,939.39	3/4	2,270.77	3/4	2,602.11	3/4	2,933.46
4	84.42	4	351.53	4	640.86	4	953.18	4	1,283.35	4	1,614.82	4	1,946.30	4	2,277.67	4	2,609.02	4	2,940.36
1/4	89.76	1/4	357.35	1/4	647.14	1/4	959.95	1/4	1,290.26	1/4	1,621.73	1/4	1,953.20	1/4	2,284.57	1/4	2,615.92	1/4	2,947.26
1/2	95.11	1/2	363.18	1/2	653.41	1/2	966.71	1/2	1,297.16	1/2	1,628.64	1/2	1,960.11	1/2	2,291.48	1/2	2,622.82	1/2	2,954.17
3/4	100.46	3/4	369.00	3/4	659.68	3/4	973.48	3/4	1,304.07	3/4	1,635.54	3/4	1,967.01	3/4	2,298.38	3/4	2,629.72	3/4	2,961.07
5	105.81	5	374.82	5	665.96	5	980.25	5	1,310.97	5	1,642.45	5	1,973.92	5	2,305.28	5	2,636.63	5	2,967.98
1/4	111.20	1/4	380.68	1/4	672.27	1/4	987.06	1/4	1,317.88	1/4	1,649.35	1/4	1,980.83	1/4	2,312.19	1/4	2,643.53	1/4	2,974.88
1/2	116.59	1/2	386.54	1/2	678.58	1/2	993.86	1/2	1,324.78	1/2	1,656.26	1/2	1,987.73	1/2	2,319.09	1/2	2,650.43	1/2	2,981.78
3/4	121.98	3/4	392.41	3/4	684.89	3/4	1,000.67	3/4	1,331.69	3/4	1,663.16	3/4	1,994.64	3/4	2,325.99	3/4	2,657.34	3/4	2,988.69
6	127.37	6	398.27	6	691.21	6	1,007.48	6	1,338.60	6	1,670.07	6	2,001.54	6	2,332.90	6	2,664.24	6	2,995.59
1/4	132.79	1/4	404.17	1/4	697.57	1/4	1,014.32	1/4	1,345.50	1/4	1,676.98	1/4	2,008.45	1/4	2,339.80	1/4	2,671.14	1/4	3,002.49
1/2	138.22	1/2	410.07	1/2	703.93	1/2	1,021.17	1/2	1,352.41	1/2	1,683.88	1/2	2,015.35	1/2	2,346.70	1/2	2,678.05	1/2	3,009.40
3/4	143.65	3/4	415.97	3/4	710.29	3/4	1,028.02	3/4	1,359.31	3/4	1,690.79	3/4	2,022.26	3/4	2,353.60	3/4	2,684.95	3/4	3,016.30
7	149.08	7	421.87	7	716.64	7	1,034.86	7	1,366.22	7	1,697.69	7	2,029.17	7	2,360.51	7	2,691.85	7	3,023.20
1/4	154.55	1/4	427.81	1/4	723.05	1/4	1,041.74	1/4	1,373.12	1/4	1,704.60	1/4	2,036.07	1/4	2,367.41	1/4	2,698.75	1/4	3,030.10
1/2	160.01	1/2	433.75	1/2	729.46	1/2	1,048.63	1/2	1,380.03	1/2	1,711.50	1/2	2,042.97	1/2	2,374.31	1/2	2,705.66	1/2	3,037.01
3/4	165.48	3/4	439.69	3/4	735.87	3/4	1,055.51	3/4	1,386.94	3/4	1,718.41	3/4	2,049.87	3/4	2,381.22	3/4	2,712.56	3/4	3,043.91
8	170.95	8	445.63	8	742.28	8	1,062.39	8	1,393.84	8	1,725.31	8	2,056.78	8	2,388.12	8	2,719.46	8	3,050.81
1/4	176.46	1/4	451.61	1/4	748.74	1/4	1,069.29	1/4	1,400.75	1/4	1,732.22	1/4	2,063.68	1/4	2,395.02	1/4	2,726.37	1/4	3,057.72
1/2	181.96	1/2	457.59	1/2	755.19	1/2	1,076.19	1/2	1,407.65	1/2	1,739.13	1/2	2,070.58	1/2	2,401.93	1/2	2,733.27	1/2	3,064.62
3/4	187.47	3/4	463.57	3/4	761.64	3/4	1,083.09	3/4	1,414.56	3/4	1,746.03	3/4	2,077.48	3/4	2,408.83	3/4	2,740.17	3/4	3,071.52
9	192.98	9	469.55	9	768.09	9	1,089.99	9	1,421.46	9	1,752.94	9	2,084.39	9	2,415.73	9	2,747.08	9	3,078.42
1/4	198.52	1/4	475.57	1/4	774.59	1/4	1,096.90	1/4	1,428.37	1/4	1,759.84	1/4	2,091.29	1/4	2,422.63	1/4	2,753.98	1/4	3,085.33
1/2	204.07	1/2	481.58	1/2	781.08	1/2	1,103.80	1/2	1,435.28	1/2	1,766.75	1/2	2,098.19	1/2	2,429.54	1/2	2,760.88	1/2	3,092.23
3/4	209.61	3/4	487.60	3/4	787.57	3/4	1,110.71	3/4	1,442.18	3/4	1,773.65	3/4	2,105.10	3/4	2,436.44	3/4	2,767.78	3/4	3,099.13
10	215.16	10	493.61	10	794.06	10	1,117.61	10	1,449.09	10	1,780.56	10	2,112.00	10	2,443.34	10	2,774.69	10	3,106.04
1/4	220.75	1/4	499.66	1/4	800.59	1/4	1,124.52	1/4	1,455.99	1/4	1,787.47	1/4	2,118.90	1/4	2,450.25	1/4	2,781.59	1/4	3,112.94
1/2	226.33	1/2	505.70	1/2	807.12	1/2	1,131.42	1/2	1,462.90	1/2	1,794.37	1/2	2,125.81	1/2	2,457.15	1/2	2,788.49	1/2	3,119.84
3/4	231.92	3/4	511.75	3/4	813.66	3/4	1,138.33	3/4	1,469.80	3/4	1,801.28	3/4	2,132.71	3/4	2,464.05	3/4	2,795.40	3/4	3,126.74
11	237.50	11	517.79	11	820.19	11	1,145.24	11	1,476.71	11	1,808.18	11	2,139.61	11	2,470.96	11	2,802.30	11	3,133.65
1/4	243.13	1/4	523.86	1/4	826.76	1/4	1,152.14	1/4	1,483.62	1/4	1,815.09	1/4	2,146.51	1/4	2,477.86	1/4	2,809.20	1/4	3,140.55
1/2	248.75	1/2	529.94	1/2	833.33	1/2	1,159.05	1/2	1,490.52	1/2	1,821.99	1/2	2,153.42	1/2	2,484.76	1/2	2,816.11	1/2	3,147.45
3/4	254.38	3/4	536.01	3/4	839.90	3/4	1,165.95	3/4	1,497.43	3/4	1,828.90	3/4	2,160.32	3/4	2,491.66	3/4	2,823.01	3/4	3,154.36

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

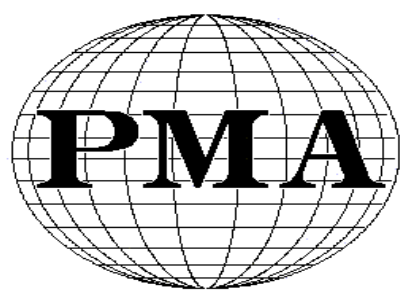
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 44'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "EMS 532"

1 PORT
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 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	3,161.26	0	3,492.60	0	3,822.60	0	4,139.55	0	4,440.03	0		0		0		0		0	
1/4	3,168.16	1/4	3,499.50	1/4	3,829.36	1/4	4,145.95	1/4	4,446.32	1/4		1/4		1/4		1/4		1/4	
1/2	3,175.07	1/2	3,506.40	1/2	3,836.12	1/2	4,152.35	1/2	4,452.61	1/2		1/2		1/2		1/2		1/2	
3/4	3,181.97	3/4	3,513.31	3/4	3,842.88	3/4	4,158.76	3/4	4,458.90	3/4		3/4		3/4		3/4		3/4	
1	3,188.87	1	3,520.21	1	3,849.64	1	4,165.16	1	4,465.19	1		1		1		1		1	
1/4	3,195.77	1/4	3,527.11	1/4	3,856.37	1/4	4,171.54	1/4	4,471.86	1/4		1/4		1/4		1/4		1/4	
1/2	3,202.68	1/2	3,534.02	1/2	3,863.10	1/2	4,177.92	1/2	4,478.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,209.58	3/4	3,540.92	3/4	3,869.84	3/4	4,184.30	3/4	4,485.20	3/4		3/4		3/4		3/4		3/4	
2	3,216.48	2	3,547.82	2	3,876.57	2	4,190.68	2	4,491.87	2		2		2		2		2	
1/4	3,223.39	1/4	3,554.72	1/4	3,883.28	1/4	4,197.03	1/4	4,498.74	1/4		1/4		1/4		1/4		1/4	
1/2	3,230.29	1/2	3,561.63	1/2	3,889.98	1/2	4,203.38	1/2	4,505.60	1/2		1/2		1/2		1/2		1/2	
3/4	3,237.19	3/4	3,568.53	3/4	3,896.69	3/4	4,209.73	3/4	4,512.46	3/4		3/4		3/4		3/4		3/4	
3	3,244.09	3	3,575.43	3	3,903.39	3	4,216.08	3	4,519.32	3		3		3		3		3	
1/4	3,251.00	1/4	3,582.34	1/4	3,910.07	1/4	4,222.41	1/4	4,526.10	1/4		1/4		1/4		1/4		1/4	
1/2	3,257.90	1/2	3,589.24	1/2	3,916.75	1/2	4,228.74	1/2	4,532.88	1/2		1/2		1/2		1/2		1/2	
3/4	3,264.80	3/4	3,596.14	3/4	3,923.43	3/4	4,235.06	3/4	4,539.65	3/4		3/4		3/4		3/4		3/4	
4	3,271.71	4	3,603.04	4	3,930.11	4	4,241.39	4	4,546.43	4		4		4		4		4	
1/4	3,278.61	1/4	3,609.95	1/4	3,936.77	1/4	4,247.69	1/4	4,552.52	1/4		1/4		1/4		1/4		1/4	
1/2	3,285.51	1/2	3,616.85	1/2	3,943.42	1/2	4,253.99	1/2	4,558.60	1/2		1/2		1/2		1/2		1/2	
3/4	3,292.41	3/4	3,623.75	3/4	3,950.08	3/4	4,260.28	3/4	4,564.69	3/4		3/4		3/4		3/4		3/4	
5	3,299.32	5	3,630.66	5	3,956.73	5	4,266.58	5	4,570.78	5		5		5		5		5	
1/4	3,306.22	1/4	3,637.56	1/4	3,963.36	1/4	4,272.86	1/4	4,575.57	1/4		1/4		1/4		1/4		1/4	
1/2	3,313.12	1/2	3,644.46	1/2	3,969.99	1/2	4,279.13	1/2	4,580.36	1/2		1/2		1/2		1/2		1/2	
3/4	3,320.03	3/4	3,651.37	3/4	3,976.61	3/4	4,285.40	3/4	4,585.15	3/4		3/4		3/4		3/4		3/4	
6	3,326.93	6	3,658.27	6	3,983.24	6	4,291.68	6	4,589.94	6		6		6		6		6	
1/4	3,333.83	1/4	3,665.17	1/4	3,989.84	1/4	4,297.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,340.73	1/2	3,672.07	1/2	3,996.44	1/2	4,304.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,347.64	3/4	3,678.97	3/4	4,003.05	3/4	4,310.42	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,354.54	7	3,685.87	7	4,009.65	7	4,316.67	7		7		7		7		7		7	
1/4	3,361.44	1/4	3,692.76	1/4	4,016.22	1/4	4,322.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,368.35	1/2	3,699.64	1/2	4,022.80	1/2	4,329.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,375.25	3/4	3,706.53	3/4	4,029.37	3/4	4,335.33	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,382.15	8	3,713.42	8	4,035.95	8	4,341.55	8		8		8		8		8		8	
1/4	3,389.05	1/4	3,720.28	1/4	4,042.48	1/4	4,347.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,395.96	1/2	3,727.14	1/2	4,049.01	1/2	4,353.94	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,402.86	3/4	3,734.01	3/4	4,055.53	3/4	4,360.13	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,409.76	9	3,740.87	9	4,062.06	9	4,366.33	9		9		9		9		9		9	
1/4	3,416.67	1/4	3,747.71	1/4	4,068.55	1/4	4,372.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,423.57	1/2	3,754.54	1/2	4,075.03	1/2	4,378.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,430.47	3/4	3,761.38	3/4	4,081.51	3/4	4,384.83	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,437.38	10	3,768.22	10	4,088.00	10	4,391.00	10		10		10		10		10		10	
1/4	3,444.28	1/4	3,775.03	1/4	4,094.45	1/4	4,397.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,451.18	1/2	3,781.84	1/2	4,100.91	1/2	4,403.29	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,458.08	3/4	3,788.65	3/4	4,107.37	3/4	4,409.43	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,464.99	11	3,795.46	11	4,113.82	11	4,415.57	11		11		11		11		11		11	
1/4	3,471.89	1/4	3,802.25	1/4	4,120.25	1/4	4,421.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,478.79	1/2	3,809.03	1/2	4,126.68	1/2	4,427.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,485.70	3/4	3,815.82	3/4	4,133.12	3/4	4,433.92	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/13/2025 JS
CALCULATED: 05/14/2025 CL
PRINTED: 05/14/2025 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2025

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "EMS 532"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 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	10.13	0	259.32	0	540.68	0	843.82	0	1,168.85	0	1,499.50	0	1,830.15	0	2,160.76	0	2,491.29	0	2,821.82
1/4	13.45	1/4	264.97	1/4	546.77	1/4	850.39	1/4	1,175.74	1/4	1,506.39	1/4	1,837.04	1/4	2,167.65	1/4	2,498.18	1/4	2,828.71
1/2	16.77	1/2	270.61	1/2	552.87	1/2	856.97	1/2	1,182.62	1/2	1,513.28	1/2	1,843.93	1/2	2,174.54	1/2	2,505.06	1/2	2,835.59
3/4	20.09	3/4	276.26	3/4	558.97	3/4	863.54	3/4	1,189.51	3/4	1,520.17	3/4	1,850.82	3/4	2,181.42	3/4	2,511.95	3/4	2,842.48
1	23.41	1	281.91	1	565.06	1	870.11	1	1,196.40	1	1,527.05	1	1,857.71	1	2,188.31	1	2,518.84	1	2,849.36
1/4	28.05	1/4	287.59	1/4	571.20	1/4	876.72	1/4	1,203.29	1/4	1,533.94	1/4	1,864.60	1/4	2,195.19	1/4	2,525.72	1/4	2,856.25
1/2	32.70	1/2	293.28	1/2	577.34	1/2	883.33	1/2	1,210.18	1/2	1,540.83	1/2	1,871.48	1/2	2,202.08	1/2	2,532.61	1/2	2,863.14
3/4	37.34	3/4	298.96	3/4	583.48	3/4	889.94	3/4	1,217.07	3/4	1,547.72	3/4	1,878.37	3/4	2,208.97	3/4	2,539.49	3/4	2,870.02
2	41.98	2	304.65	2	589.62	2	896.56	2	1,223.96	2	1,554.61	2	1,885.26	2	2,215.85	2	2,546.38	2	2,876.91
1/4	47.24	1/4	310.37	1/4	595.79	1/4	903.21	1/4	1,230.84	1/4	1,561.50	1/4	1,892.15	1/4	2,222.74	1/4	2,553.27	1/4	2,883.79
1/2	52.50	1/2	316.10	1/2	601.97	1/2	909.86	1/2	1,237.73	1/2	1,568.39	1/2	1,899.04	1/2	2,229.62	1/2	2,560.15	1/2	2,890.68
3/4	57.75	3/4	321.82	3/4	608.15	3/4	916.51	3/4	1,244.62	3/4	1,575.27	3/4	1,905.93	3/4	2,236.51	3/4	2,567.04	3/4	2,897.57
3	63.01	3	327.54	3	614.33	3	923.16	3	1,251.51	3	1,582.16	3	1,912.82	3	2,243.40	3	2,573.92	3	2,904.45
1/4	68.30	1/4	333.31	1/4	620.55	1/4	929.85	1/4	1,258.40	1/4	1,589.05	1/4	1,919.70	1/4	2,250.28	1/4	2,580.81	1/4	2,911.34
1/2	73.60	1/2	339.08	1/2	626.77	1/2	936.54	1/2	1,265.29	1/2	1,595.94	1/2	1,926.59	1/2	2,257.17	1/2	2,587.70	1/2	2,918.22
3/4	78.89	3/4	344.84	3/4	632.98	3/4	943.23	3/4	1,272.18	3/4	1,602.83	3/4	1,933.48	3/4	2,264.05	3/4	2,594.58	3/4	2,925.11
4	84.19	4	350.61	4	639.20	4	949.92	4	1,279.06	4	1,609.72	4	1,940.37	4	2,270.94	4	2,601.47	4	2,932.00
1/4	89.53	1/4	356.41	1/4	645.46	1/4	956.65	1/4	1,285.95	1/4	1,616.61	1/4	1,947.26	1/4	2,277.83	1/4	2,608.35	1/4	2,938.88
1/2	94.86	1/2	362.22	1/2	651.72	1/2	963.38	1/2	1,292.84	1/2	1,623.49	1/2	1,954.15	1/2	2,284.71	1/2	2,615.24	1/2	2,945.77
3/4	100.20	3/4	368.03	3/4	657.97	3/4	970.11	3/4	1,299.73	3/4	1,630.38	3/4	1,961.04	3/4	2,291.60	3/4	2,622.13	3/4	2,952.66
5	105.53	5	373.84	5	664.23	5	976.84	5	1,306.62	5	1,637.27	5	1,967.92	5	2,298.48	5	2,629.01	5	2,959.55
1/4	110.91	1/4	379.68	1/4	670.53	1/4	983.61	1/4	1,313.51	1/4	1,644.16	1/4	1,974.81	1/4	2,305.37	1/4	2,635.90	1/4	2,966.43
1/2	116.28	1/2	385.53	1/2	676.82	1/2	990.38	1/2	1,320.40	1/2	1,651.05	1/2	1,981.70	1/2	2,312.26	1/2	2,642.78	1/2	2,973.32
3/4	121.65	3/4	391.38	3/4	683.12	3/4	997.15	3/4	1,327.28	3/4	1,657.94	3/4	1,988.59	3/4	2,319.14	3/4	2,649.67	3/4	2,980.21
6	127.03	6	397.22	6	689.42	6	1,003.92	6	1,334.17	6	1,664.83	6	1,995.48	6	2,326.03	6	2,656.56	6	2,987.09
1/4	132.44	1/4	403.11	1/4	695.75	1/4	1,010.74	1/4	1,341.06	1/4	1,671.71	1/4	2,002.37	1/4	2,332.91	1/4	2,663.44	1/4	2,993.98
1/2	137.86	1/2	408.99	1/2	702.08	1/2	1,017.55	1/2	1,347.95	1/2	1,678.60	1/2	2,009.26	1/2	2,339.80	1/2	2,670.33	1/2	3,000.86
3/4	143.27	3/4	414.88	3/4	708.41	3/4	1,024.37	3/4	1,354.84	3/4	1,685.49	3/4	2,016.14	3/4	2,346.69	3/4	2,677.21	3/4	3,007.75
7	148.68	7	420.76	7	714.75	7	1,031.19	7	1,361.73	7	1,692.38	7	2,023.03	7	2,353.57	7	2,684.10	7	3,014.64
1/4	154.14	1/4	426.69	1/4	721.12	1/4	1,038.06	1/4	1,368.62	1/4	1,699.27	1/4	2,029.92	1/4	2,360.46	1/4	2,690.99	1/4	3,021.52
1/2	159.59	1/2	432.61	1/2	727.49	1/2	1,044.92	1/2	1,375.51	1/2	1,706.16	1/2	2,036.81	1/2	2,367.34	1/2	2,697.87	1/2	3,028.41
3/4	165.04	3/4	438.54	3/4	733.86	3/4	1,051.78	3/4	1,382.39	3/4	1,713.05	3/4	2,043.70	3/4	2,374.23	3/4	2,704.76	3/4	3,035.29
8	170.50	8	444.46	8	740.24	8	1,058.65	8	1,389.28	8	1,719.94	8	2,050.59	8	2,381.12	8	2,711.64	8	3,042.18
1/4	175.99	1/4	450.43	1/4	746.65	1/4	1,065.53	1/4	1,396.17	1/4	1,726.82	1/4	2,057.47	1/4	2,388.00	1/4	2,718.53	1/4	3,049.06
1/2	181.48	1/2	456.39	1/2	753.07	1/2	1,072.42	1/2	1,403.06	1/2	1,733.71	1/2	2,064.36	1/2	2,394.89	1/2	2,725.42	1/2	3,055.95
3/4	186.97	3/4	462.36	3/4	759.48	3/4	1,079.30	3/4	1,409.95	3/4	1,740.60	3/4	2,071.25	3/4	2,401.77	3/4	2,732.30	3/4	3,062.84
9	192.46	9	468.32	9	765.90	9	1,086.18	9	1,416.84	9	1,747.49	9	2,078.13	9	2,408.66	9	2,739.19	9	3,069.72
1/4	198.00	1/4	474.32	1/4	772.35	1/4	1,093.07	1/4	1,423.73	1/4	1,754.38	1/4	2,085.02	1/4	2,415.55	1/4	2,746.07	1/4	3,076.61
1/2	203.53	1/2	480.32	1/2	778.81	1/2	1,099.96	1/2	1,430.61	1/2	1,761.27	1/2	2,091.90	1/2	2,422.43	1/2	2,752.96	1/2	3,083.49
3/4	209.06	3/4	486.32	3/4	785.26	3/4	1,106.85	3/4	1,437.50	3/4	1,768.16	3/4	2,098.79	3/4	2,429.32	3/4	2,759.85	3/4	3,090.38
10	214.59	10	492.32	10	791.71	10	1,113.74	10	1,444.39	10	1,775.04	10	2,105.68	10	2,436.20	10	2,766.73	10	3,097.27
1/4	220.16	1/4	498.35	1/4	798.21	1/4	1,120.63	1/4	1,451.28	1/4	1,781.93	1/4	2,112.56	1/4	2,443.09	1/4	2,773.62	1/4	3,104.15
1/2	225.73	1/2	504.38	1/2	804.70	1/2	1,127.52	1/2	1,458.17	1/2	1,788.82	1/2	2,119.45	1/2	2,449.98	1/2	2,780.50	1/2	3,111.04
3/4	231.30	3/4	510.41	3/4	811.19	3/4	1,134.40	3/4	1,465.06	3/4	1,795.71	3/4	2,126.33	3/4	2,456.86	3/4	2,787.39	3/4	3,117.92
11	236.88	11	516.44	11	817.69	11	1,141.29	11	1,471.95	11	1,802.60	11	2,133.22	11	2,463.75	11	2,794.28	11	3,124.81
1/4	242.49	1/4	522.50	1/4	824.22	1/4	1,148.18	1/4	1,478.83	1/4	1,809.49	1/4	2,140.11	1/4	2,470.63	1/4	2,801.16	1/4	3,131.70
1/2	248.10	1/2	528.56	1/2	830.75	1/2	1,155.07	1/2	1,485.72	1/2	1,816.38	1/2	2,146.99	1/2	2,477.52	1/2	2,808.05	1/2	3,138.58
3/4	253.71	3/4	534.62	3/4	837.29	3/4	1,161.96	3/4	1,492.61	3/4	1,823.26	3/4	2,153.88	3/4	2,484.41	3/4	2,814.93	3/4	3,145.47

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

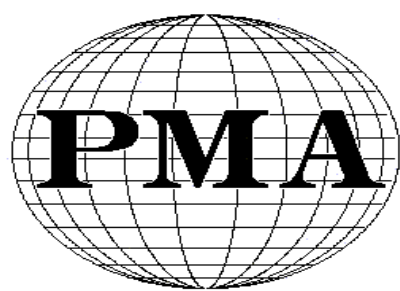
GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 44'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "EMS 532"

1 STBD
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 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	3,152.35	0	3,482.88	0	3,812.07	0	4,128.22	0	4,427.95	0		0		0		0		0	
1/4	3,159.24	1/4	3,489.76	1/4	3,818.81	1/4	4,134.61	1/4	4,434.22	1/4		1/4		1/4		1/4		1/4	
1/2	3,166.12	1/2	3,496.65	1/2	3,825.55	1/2	4,141.00	1/2	4,440.50	1/2		1/2		1/2		1/2		1/2	
3/4	3,173.01	3/4	3,503.53	3/4	3,832.29	3/4	4,147.39	3/4	4,446.77	3/4		3/4		3/4		3/4		3/4	
1	3,179.90	1	3,510.42	1	3,839.04	1	4,153.77	1	4,453.04	1		1		1		1		1	
1/4	3,186.78	1/4	3,517.31	1/4	3,845.75	1/4	4,160.14	1/4	4,459.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,193.67	1/2	3,524.19	1/2	3,852.47	1/2	4,166.50	1/2	4,466.35	1/2		1/2		1/2		1/2		1/2	
3/4	3,200.55	3/4	3,531.08	3/4	3,859.18	3/4	4,172.86	3/4	4,473.00	3/4		3/4		3/4		3/4		3/4	
2	3,207.44	2	3,537.96	2	3,865.90	2	4,179.22	2	4,479.66	2		2		2		2		2	
1/4	3,214.33	1/4	3,544.85	1/4	3,872.59	1/4	4,185.56	1/4	4,486.50	1/4		1/4		1/4		1/4		1/4	
1/2	3,221.21	1/2	3,551.74	1/2	3,879.28	1/2	4,191.89	1/2	4,493.35	1/2		1/2		1/2		1/2		1/2	
3/4	3,228.10	3/4	3,558.62	3/4	3,885.97	3/4	4,198.23	3/4	4,500.20	3/4		3/4		3/4		3/4		3/4	
3	3,234.98	3	3,565.51	3	3,892.66	3	4,204.57	3	4,507.04	3		3		3		3		3	
1/4	3,241.87	1/4	3,572.39	1/4	3,899.32	1/4	4,210.88	1/4	4,513.80	1/4		1/4		1/4		1/4		1/4	
1/2	3,248.76	1/2	3,579.28	1/2	3,905.99	1/2	4,217.19	1/2	4,520.56	1/2		1/2		1/2		1/2		1/2	
3/4	3,255.64	3/4	3,586.16	3/4	3,912.65	3/4	4,223.50	3/4	4,527.32	3/4		3/4		3/4		3/4		3/4	
4	3,262.53	4	3,593.05	4	3,919.31	4	4,229.81	4	4,534.08	4		4		4		4		4	
1/4	3,269.41	1/4	3,599.94	1/4	3,925.95	1/4	4,236.09	1/4	4,540.15	1/4		1/4		1/4		1/4		1/4	
1/2	3,276.30	1/2	3,606.82	1/2	3,932.59	1/2	4,242.37	1/2	4,546.22	1/2		1/2		1/2		1/2		1/2	
3/4	3,283.19	3/4	3,613.71	3/4	3,939.22	3/4	4,248.66	3/4	4,552.30	3/4		3/4		3/4		3/4		3/4	
5	3,290.07	5	3,620.59	5	3,945.86	5	4,254.94	5	4,558.37	5		5		5		5		5	
1/4	3,296.96	1/4	3,627.48	1/4	3,952.47	1/4	4,261.20	1/4	4,563.15	1/4		1/4		1/4		1/4		1/4	
1/2	3,303.84	1/2	3,634.37	1/2	3,959.08	1/2	4,267.45	1/2	4,567.93	1/2		1/2		1/2		1/2		1/2	
3/4	3,310.73	3/4	3,641.25	3/4	3,965.70	3/4	4,273.71	3/4	4,572.71	3/4		3/4		3/4		3/4		3/4	
6	3,317.61	6	3,648.14	6	3,972.31	6	4,279.97	6	4,577.48	6		6		6		6		6	
1/4	3,324.50	1/4	3,655.02	1/4	3,978.89	1/4	4,286.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,331.39	1/2	3,661.90	1/2	3,985.48	1/2	4,292.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,338.27	3/4	3,668.79	3/4	3,992.06	3/4	4,298.66	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,345.16	7	3,675.67	7	3,998.65	7	4,304.89	7		7		7		7		7		7	
1/4	3,352.04	1/4	3,682.54	1/4	4,005.21	1/4	4,311.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,358.93	1/2	3,689.41	1/2	4,011.76	1/2	4,317.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,365.82	3/4	3,696.28	3/4	4,018.32	3/4	4,323.51	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,372.70	8	3,703.15	8	4,024.88	8	4,329.71	8		8		8		8		8		8	
1/4	3,379.59	1/4	3,710.00	1/4	4,031.40	1/4	4,335.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,386.47	1/2	3,716.84	1/2	4,037.91	1/2	4,342.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,393.36	3/4	3,723.69	3/4	4,044.42	3/4	4,348.25	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,400.25	9	3,730.54	9	4,050.93	9	4,354.43	9		9		9		9		9		9	
1/4	3,407.13	1/4	3,737.36	1/4	4,057.40	1/4	4,360.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,414.02	1/2	3,744.18	1/2	4,063.87	1/2	4,366.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,420.90	3/4	3,751.00	3/4	4,070.33	3/4	4,372.89	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,427.79	10	3,757.82	10	4,076.80	10	4,379.04	10		10		10		10		10		10	
1/4	3,434.67	1/4	3,764.61	1/4	4,083.24	1/4	4,385.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,441.56	1/2	3,771.41	1/2	4,089.68	1/2	4,391.29	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,448.45	3/4	3,778.20	3/4	4,096.12	3/4	4,397.42	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,455.33	11	3,785.00	11	4,102.56	11	4,403.55	11		11		11		11		11		11	
1/4	3,462.22	1/4	3,791.76	1/4	4,108.98	1/4	4,409.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,469.10	1/2	3,798.53	1/2	4,115.39	1/2	4,415.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,475.99	3/4	3,805.30	3/4	4,121.81	3/4	4,421.85	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/13/2025 JS
CALCULATED: 05/14/2025 CL
PRINTED: 05/14/2025 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2025

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



BARGE "EMS 532"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	13.83	0	388.22	0	775.88	0	1,163.12	0	1,550.98	0	1,938.84	0	2,326.70	0	2,714.51	0	3,102.22	0	3,489.93
1/4	19.22	1/4	396.30	1/4	783.93	1/4	1,171.20	1/4	1,559.06	1/4	1,946.92	1/4	2,334.78	1/4	2,722.59	1/4	3,110.30	1/4	3,498.01
1/2	24.61	1/2	404.38	1/2	791.99	1/2	1,179.29	1/2	1,567.14	1/2	1,955.00	1/2	2,342.86	1/2	2,730.67	1/2	3,118.38	1/2	3,506.09
3/4	29.99	3/4	412.46	3/4	800.04	3/4	1,187.37	3/4	1,575.22	3/4	1,963.08	3/4	2,350.94	3/4	2,738.75	3/4	3,126.46	3/4	3,514.17
1	35.38	1	420.54	1	808.10	1	1,195.45	1	1,583.31	1	1,971.16	1	2,359.02	1	2,746.82	1	3,134.53	1	3,522.24
1/4	42.79	1/4	428.62	1/4	816.16	1/4	1,203.53	1/4	1,591.39	1/4	1,979.24	1/4	2,367.10	1/4	2,754.90	1/4	3,142.61	1/4	3,530.32
1/2	50.19	1/2	436.69	1/2	824.21	1/2	1,211.61	1/2	1,599.47	1/2	1,987.33	1/2	2,375.18	1/2	2,762.98	1/2	3,150.69	1/2	3,538.40
3/4	57.60	3/4	444.77	3/4	832.27	3/4	1,219.69	3/4	1,607.55	3/4	1,995.41	3/4	2,383.26	3/4	2,771.06	3/4	3,158.77	3/4	3,546.48
2	65.01	2	452.84	2	840.33	2	1,227.77	2	1,615.63	2	2,003.49	2	2,391.35	2	2,779.13	2	3,166.84	2	3,554.55
1/4	73.09	1/4	460.92	1/4	848.39	1/4	1,235.85	1/4	1,623.71	1/4	2,011.57	1/4	2,399.43	1/4	2,787.21	1/4	3,174.92	1/4	3,562.63
1/2	81.17	1/2	469.00	1/2	856.44	1/2	1,243.93	1/2	1,631.79	1/2	2,019.65	1/2	2,407.51	1/2	2,795.29	1/2	3,183.00	1/2	3,570.71
3/4	89.25	3/4	477.07	3/4	864.50	3/4	1,252.01	3/4	1,639.87	3/4	2,027.73	3/4	2,415.59	3/4	2,803.36	3/4	3,191.07	3/4	3,578.79
3	97.33	3	485.15	3	872.56	3	1,260.09	3	1,647.95	3	2,035.81	3	2,423.67	3	2,811.44	3	3,199.15	3	3,586.86
1/4	105.41	1/4	493.23	1/4	880.62	1/4	1,268.17	1/4	1,656.03	1/4	2,043.89	1/4	2,431.75	1/4	2,819.52	1/4	3,207.23	1/4	3,594.94
1/2	113.49	1/2	501.31	1/2	888.68	1/2	1,276.25	1/2	1,664.11	1/2	2,051.97	1/2	2,439.83	1/2	2,827.60	1/2	3,215.31	1/2	3,603.02
3/4	121.57	3/4	509.39	3/4	896.74	3/4	1,284.33	3/4	1,672.19	3/4	2,060.05	3/4	2,447.91	3/4	2,835.67	3/4	3,223.38	3/4	3,611.09
4	129.65	4	517.46	4	904.80	4	1,292.41	4	1,680.27	4	2,068.13	4	2,455.99	4	2,843.75	4	3,231.46	4	3,619.17
1/4	137.73	1/4	525.54	1/4	912.85	1/4	1,300.49	1/4	1,688.35	1/4	2,076.21	1/4	2,464.07	1/4	2,851.83	1/4	3,239.54	1/4	3,627.25
1/2	145.81	1/2	533.63	1/2	920.91	1/2	1,308.57	1/2	1,696.43	1/2	2,084.29	1/2	2,472.15	1/2	2,859.91	1/2	3,247.62	1/2	3,635.33
3/4	153.89	3/4	541.71	3/4	928.97	3/4	1,316.65	3/4	1,704.51	3/4	2,092.37	3/4	2,480.23	3/4	2,867.98	3/4	3,255.69	3/4	3,643.41
5	161.97	5	549.79	5	937.03	5	1,324.73	5	1,712.59	5	2,100.45	5	2,488.31	5	2,876.06	5	3,263.77	5	3,651.48
1/4	170.05	1/4	557.87	1/4	945.09	1/4	1,332.81	1/4	1,720.67	1/4	2,108.53	1/4	2,496.39	1/4	2,884.14	1/4	3,271.85	1/4	3,659.56
1/2	178.13	1/2	565.95	1/2	953.15	1/2	1,340.89	1/2	1,728.75	1/2	2,116.61	1/2	2,504.47	1/2	2,892.21	1/2	3,279.92	1/2	3,667.64
3/4	186.21	3/4	574.03	3/4	961.21	3/4	1,348.97	3/4	1,736.83	3/4	2,124.69	3/4	2,512.55	3/4	2,900.29	3/4	3,288.00	3/4	3,675.72
6	194.29	6	582.11	6	969.26	6	1,357.05	6	1,744.91	6	2,132.77	6	2,520.63	6	2,908.37	6	3,296.08	6	3,683.79
1/4	202.38	1/4	590.19	1/4	977.33	1/4	1,365.13	1/4	1,752.99	1/4	2,140.85	1/4	2,528.71	1/4	2,916.45	1/4	3,304.16	1/4	3,691.87
1/2	210.46	1/2	598.27	1/2	985.40	1/2	1,373.21	1/2	1,761.07	1/2	2,148.93	1/2	2,536.79	1/2	2,924.52	1/2	3,312.23	1/2	3,699.95
3/4	218.54	3/4	606.35	3/4	993.46	3/4	1,381.30	3/4	1,769.15	3/4	2,157.01	3/4	2,544.87	3/4	2,932.60	3/4	3,320.31	3/4	3,708.02
7	226.62	7	614.43	7	1,001.53	7	1,389.38	7	1,777.23	7	2,165.09	7	2,552.95	7	2,940.68	7	3,328.39	7	3,716.10
1/4	234.70	1/4	622.51	1/4	1,009.61	1/4	1,397.46	1/4	1,785.32	1/4	2,173.17	1/4	2,561.03	1/4	2,948.76	1/4	3,336.47	1/4	3,724.18
1/2	242.78	1/2	630.59	1/2	1,017.68	1/2	1,405.54	1/2	1,793.40	1/2	2,181.25	1/2	2,569.12	1/2	2,956.83	1/2	3,344.54	1/2	3,732.26
3/4	250.86	3/4	638.67	3/4	1,025.76	3/4	1,413.62	3/4	1,801.48	3/4	2,189.34	3/4	2,577.20	3/4	2,964.91	3/4	3,352.62	3/4	3,740.33
8	258.94	8	646.75	8	1,033.84	8	1,421.70	8	1,809.56	8	2,197.42	8	2,585.28	8	2,972.99	8	3,360.70	8	3,748.41
1/4	267.02	1/4	654.83	1/4	1,041.92	1/4	1,429.78	1/4	1,817.64	1/4	2,205.50	1/4	2,593.35	1/4	2,981.06	1/4	3,368.78	1/4	3,756.49
1/2	275.10	1/2	662.91	1/2	1,050.00	1/2	1,437.86	1/2	1,825.72	1/2	2,213.58	1/2	2,601.43	1/2	2,989.14	1/2	3,376.85	1/2	3,764.56
3/4	283.18	3/4	670.99	3/4	1,058.08	3/4	1,445.94	3/4	1,833.80	3/4	2,221.66	3/4	2,609.51	3/4	2,997.22	3/4	3,384.93	3/4	3,772.64
9	291.26	9	679.07	9	1,066.16	9	1,454.02	9	1,841.88	9	2,229.74	9	2,617.59	9	3,005.30	9	3,393.01	9	3,780.72
1/4	299.34	1/4	687.15	1/4	1,074.24	1/4	1,462.10	1/4	1,849.96	1/4	2,237.82	1/4	2,625.66	1/4	3,013.37	1/4	3,401.08	1/4	3,788.80
1/2	307.42	1/2	695.23	1/2	1,082.32	1/2	1,470.18	1/2	1,858.04	1/2	2,245.90	1/2	2,633.74	1/2	3,021.45	1/2	3,409.16	1/2	3,796.87
3/4	315.50	3/4	703.30	3/4	1,090.40	3/4	1,478.26	3/4	1,866.12	3/4	2,253.98	3/4	2,641.82	3/4	3,029.53	3/4	3,417.24	3/4	3,804.95
10	323.58	10	711.38	10	1,098.48	10	1,486.34	10	1,874.20	10	2,262.06	10	2,649.90	10	3,037.61	10	3,425.32	10	3,813.03
1/4	331.66	1/4	719.45	1/4	1,106.56	1/4	1,494.42	1/4	1,882.28	1/4	2,270.14	1/4	2,657.97	1/4	3,045.68	1/4	3,433.39	1/4	3,821.10
1/2	339.74	1/2	727.51	1/2	1,114.64	1/2	1,502.50	1/2	1,890.36	1/2	2,278.22	1/2	2,666.05	1/2	3,053.76	1/2	3,441.47	1/2	3,829.18
3/4	347.82	3/4	735.58	3/4	1,122.72	3/4	1,510.58	3/4	1,898.44	3/4	2,286.30	3/4	2,674.13	3/4	3,061.84	3/4	3,449.55	3/4	3,837.26
11	355.90	11	743.65	11	1,130.80	11	1,518.66	11	1,906.52	11	2,294.38	11	2,682.20	11	3,069.92	11	3,457.63	11	3,845.34
1/4	363.98	1/4	751.70	1/4	1,138.88	1/4	1,526.74	1/4	1,914.60	1/4	2,302.46	1/4	2,690.28	1/4	3,077.99	1/4	3,465.70	1/4	3,853.41
1/2	372.06	1/2	759.76	1/2	1,146.96	1/2	1,534.82	1/2	1,922.68	1/2	2,310.54	1/2	2,698.36	1/2	3,086.07	1/2	3,473.78	1/2	3,861.49
3/4	380.14	3/4	767.82	3/4	1,155.04	3/4	1,542.90	3/4	1,930.76	3/4	2,318.62	3/4	2,706.44	3/4	3,094.15	3/4	3,481.86	3/4	3,869.57

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

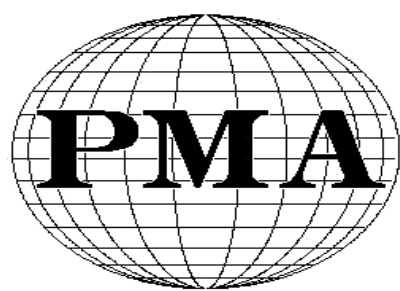
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 51'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "EMS 532"

2 PORT
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 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	3,877.65	0	4,265.35	0	4,651.49	0	5,022.33	0	5,373.90	0		0		0		0		0	
1/4	3,885.72	1/4	4,273.43	1/4	4,659.40	1/4	5,029.83	1/4	5,381.26	1/4		1/4		1/4		1/4		1/4	
1/2	3,893.80	1/2	4,281.51	1/2	4,667.31	1/2	5,037.32	1/2	5,388.62	1/2		1/2		1/2		1/2		1/2	
3/4	3,901.88	3/4	4,289.58	3/4	4,675.22	3/4	5,044.81	3/4	5,395.98	3/4		3/4		3/4		3/4		3/4	
1	3,909.95	1	4,297.66	1	4,683.12	1	5,052.31	1	5,403.34	1		1		1		1		1	
1/4	3,918.03	1/4	4,305.74	1/4	4,691.00	1/4	5,059.77	1/4	5,411.14	1/4		1/4		1/4		1/4		1/4	
1/2	3,926.11	1/2	4,313.81	1/2	4,698.88	1/2	5,067.23	1/2	5,418.94	1/2		1/2		1/2		1/2		1/2	
3/4	3,934.19	3/4	4,321.89	3/4	4,706.76	3/4	5,074.69	3/4	5,426.75	3/4		3/4		3/4		3/4		3/4	
2	3,942.26	2	4,329.97	2	4,714.64	2	5,082.16	2	5,434.55	2		2		2		2		2	
1/4	3,950.34	1/4	4,338.05	1/4	4,722.48	1/4	5,089.59	1/4	5,442.58	1/4		1/4		1/4		1/4		1/4	
1/2	3,958.42	1/2	4,346.12	1/2	4,730.33	1/2	5,097.02	1/2	5,450.61	1/2		1/2		1/2		1/2		1/2	
3/4	3,966.49	3/4	4,354.20	3/4	4,738.18	3/4	5,104.45	3/4	5,458.64	3/4		3/4		3/4		3/4		3/4	
3	3,974.57	3	4,362.28	3	4,746.02	3	5,111.88	3	5,466.67	3		3		3		3		3	
1/4	3,982.65	1/4	4,370.35	1/4	4,753.84	1/4	5,119.28	1/4	5,474.60	1/4		1/4		1/4		1/4		1/4	
1/2	3,990.73	1/2	4,378.43	1/2	4,761.66	1/2	5,126.68	1/2	5,482.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,998.80	3/4	4,386.51	3/4	4,769.47	3/4	5,134.09	3/4	5,490.46	3/4		3/4		3/4		3/4		3/4	
4	4,006.88	4	4,394.59	4	4,777.29	4	5,141.49	4	5,498.39	4		4		4		4		4	
1/4	4,014.96	1/4	4,402.66	1/4	4,785.08	1/4	5,148.86	1/4	5,505.51	1/4		1/4		1/4		1/4		1/4	
1/2	4,023.03	1/2	4,410.74	1/2	4,792.86	1/2	5,156.23	1/2	5,512.63	1/2		1/2		1/2		1/2		1/2	
3/4	4,031.11	3/4	4,418.82	3/4	4,800.65	3/4	5,163.60	3/4	5,519.76	3/4		3/4		3/4		3/4		3/4	
5	4,039.19	5	4,426.89	5	4,808.43	5	5,170.97	5	5,526.88	5		5		5		5		5	
1/4	4,047.27	1/4	4,434.97	1/4	4,816.19	1/4	5,178.31	1/4	5,532.48	1/4		1/4		1/4		1/4		1/4	
1/2	4,055.34	1/2	4,443.05	1/2	4,823.94	1/2	5,185.65	1/2	5,538.09	1/2		1/2		1/2		1/2		1/2	
3/4	4,063.42	3/4	4,451.13	3/4	4,831.70	3/4	5,192.99	3/4	5,543.70	3/4		3/4		3/4		3/4		3/4	
6	4,071.50	6	4,459.20	6	4,839.45	6	5,200.33	6	5,549.30	6		6		6		6		6	
1/4	4,079.58	1/4	4,467.28	1/4	4,847.18	1/4	5,207.64	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,087.65	1/2	4,475.35	1/2	4,854.90	1/2	5,214.94	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,095.73	3/4	4,483.42	3/4	4,862.62	3/4	5,222.25	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,103.81	7	4,491.50	7	4,870.35	7	5,229.56	7		7		7		7		7		7	
1/4	4,111.88	1/4	4,499.56	1/4	4,878.04	1/4	5,236.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,119.96	1/2	4,507.61	1/2	4,885.74	1/2	5,244.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,128.04	3/4	4,515.67	3/4	4,893.43	3/4	5,251.40	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,136.12	8	4,523.73	8	4,901.12	8	5,258.68	8		8		8		8		8		8	
1/4	4,144.19	1/4	4,531.76	1/4	4,908.76	1/4	5,265.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,152.27	1/2	4,539.79	1/2	4,916.40	1/2	5,273.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,160.35	3/4	4,547.82	3/4	4,924.04	3/4	5,280.42	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,168.42	9	4,555.85	9	4,931.68	9	5,287.67	9		9		9		9		9		9	
1/4	4,176.50	1/4	4,563.85	1/4	4,939.27	1/4	5,294.88	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,184.58	1/2	4,571.85	1/2	4,946.85	1/2	5,302.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,192.66	3/4	4,579.86	3/4	4,954.44	3/4	5,309.32	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,200.73	10	4,587.86	10	4,962.02	10	5,316.53	10		10		10		10		10		10	
1/4	4,208.81	1/4	4,595.83	1/4	4,969.58	1/4	5,323.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,216.89	1/2	4,603.80	1/2	4,977.13	1/2	5,330.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,224.96	3/4	4,611.77	3/4	4,984.68	3/4	5,338.09	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,233.04	11	4,619.74	11	4,992.24	11	5,345.28	11		11		11		11		11		11	
1/4	4,241.12	1/4	4,627.67	1/4	4,999.76	1/4	5,352.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,249.20	1/2	4,635.61	1/2	5,007.29	1/2	5,359.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,257.27	3/4	4,643.55	3/4	5,014.81	3/4	5,366.74	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/13/2025 JS
CALCULATED: 05/14/2025 CL
PRINTED: 05/14/2025 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2025

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



BARGE "EMS 532"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	13.85	0	388.74	0	772.63	0	1,145.70	0	1,527.34	0	1,915.72	0	2,304.09	0	2,692.43	0	3,080.65	0	3,468.88
1/4	19.25	1/4	396.83	1/4	780.39	1/4	1,153.48	1/4	1,535.43	1/4	1,923.81	1/4	2,312.18	1/4	2,700.51	1/4	3,088.74	1/4	3,476.97
1/2	24.64	1/2	404.92	1/2	788.15	1/2	1,161.27	1/2	1,543.52	1/2	1,931.90	1/2	2,320.28	1/2	2,708.60	1/2	3,096.83	1/2	3,485.06
3/4	30.03	3/4	413.01	3/4	795.91	3/4	1,169.05	3/4	1,551.61	3/4	1,939.99	3/4	2,328.37	3/4	2,716.69	3/4	3,104.92	3/4	3,493.15
1	35.43	1	421.10	1	803.67	1	1,176.84	1	1,559.70	1	1,948.08	1	2,336.46	1	2,724.78	1	3,113.01	1	3,501.24
1/4	42.84	1/4	429.19	1/4	811.43	1/4	1,184.62	1/4	1,567.79	1/4	1,956.17	1/4	2,344.55	1/4	2,732.87	1/4	3,121.09	1/4	3,509.32
1/2	50.26	1/2	437.28	1/2	819.19	1/2	1,192.41	1/2	1,575.89	1/2	1,964.26	1/2	2,352.64	1/2	2,740.95	1/2	3,129.18	1/2	3,517.41
3/4	57.68	3/4	445.36	3/4	826.95	3/4	1,200.19	3/4	1,583.98	3/4	1,972.35	3/4	2,360.73	3/4	2,749.04	3/4	3,137.27	3/4	3,525.50
2	65.09	2	453.45	2	834.72	2	1,207.98	2	1,592.07	2	1,980.45	2	2,368.82	2	2,757.13	2	3,145.36	2	3,533.59
1/4	73.19	1/4	461.54	1/4	842.48	1/4	1,215.76	1/4	1,600.16	1/4	1,988.54	1/4	2,376.91	1/4	2,765.22	1/4	3,153.45	1/4	3,541.68
1/2	81.28	1/2	469.62	1/2	850.24	1/2	1,223.55	1/2	1,608.25	1/2	1,996.63	1/2	2,385.01	1/2	2,773.31	1/2	3,161.54	1/2	3,549.76
3/4	89.37	3/4	477.71	3/4	858.00	3/4	1,231.33	3/4	1,616.34	3/4	2,004.72	3/4	2,393.10	3/4	2,781.39	3/4	3,169.62	3/4	3,557.85
3	97.46	3	485.80	3	865.77	3	1,239.12	3	1,624.43	3	2,012.81	3	2,401.19	3	2,789.48	3	3,177.71	3	3,565.94
1/4	105.55	1/4	493.89	1/4	873.53	1/4	1,246.90	1/4	1,632.52	1/4	2,020.90	1/4	2,409.28	1/4	2,797.57	1/4	3,185.80	1/4	3,574.03
1/2	113.64	1/2	501.98	1/2	881.29	1/2	1,254.69	1/2	1,640.61	1/2	2,028.99	1/2	2,417.37	1/2	2,805.66	1/2	3,193.89	1/2	3,582.12
3/4	121.73	3/4	510.07	3/4	889.06	3/4	1,262.47	3/4	1,648.71	3/4	2,037.08	3/4	2,425.46	3/4	2,813.75	3/4	3,201.98	3/4	3,590.20
4	129.82	4	518.16	4	896.82	4	1,270.26	4	1,656.80	4	2,045.17	4	2,433.55	4	2,821.83	4	3,210.06	4	3,598.29
1/4	137.92	1/4	526.25	1/4	904.58	1/4	1,278.04	1/4	1,664.89	1/4	2,053.27	1/4	2,441.64	1/4	2,829.92	1/4	3,218.15	1/4	3,606.38
1/2	146.01	1/2	534.34	1/2	912.35	1/2	1,285.83	1/2	1,672.98	1/2	2,061.36	1/2	2,449.73	1/2	2,838.01	1/2	3,226.24	1/2	3,614.47
3/4	154.10	3/4	542.43	3/4	920.11	3/4	1,293.61	3/4	1,681.07	3/4	2,069.45	3/4	2,457.83	3/4	2,846.10	3/4	3,234.33	3/4	3,622.56
5	162.19	5	550.52	5	927.87	5	1,301.40	5	1,689.16	5	2,077.54	5	2,465.92	5	2,854.19	5	3,242.42	5	3,630.65
1/4	170.28	1/4	558.61	1/4	935.64	1/4	1,309.34	1/4	1,697.25	1/4	2,085.63	1/4	2,474.01	1/4	2,862.28	1/4	3,250.50	1/4	3,638.74
1/2	178.37	1/2	566.70	1/2	943.40	1/2	1,317.27	1/2	1,705.34	1/2	2,093.72	1/2	2,482.10	1/2	2,870.36	1/2	3,258.59	1/2	3,646.83
3/4	186.46	3/4	574.80	3/4	951.16	3/4	1,325.21	3/4	1,713.44	3/4	2,101.81	3/4	2,490.19	3/4	2,878.45	3/4	3,266.68	3/4	3,654.91
6	194.55	6	582.89	6	958.92	6	1,333.15	6	1,721.53	6	2,109.90	6	2,498.28	6	2,886.54	6	3,274.77	6	3,663.00
1/4	202.65	1/4	590.98	1/4	966.70	1/4	1,341.24	1/4	1,729.62	1/4	2,118.00	1/4	2,506.37	1/4	2,894.63	1/4	3,282.86	1/4	3,671.09
1/2	210.74	1/2	599.07	1/2	974.47	1/2	1,349.33	1/2	1,737.71	1/2	2,126.09	1/2	2,514.46	1/2	2,902.72	1/2	3,290.94	1/2	3,679.18
3/4	218.83	3/4	607.16	3/4	982.24	3/4	1,357.42	3/4	1,745.80	3/4	2,134.18	3/4	2,522.56	3/4	2,910.80	3/4	3,299.03	3/4	3,687.27
7	226.92	7	615.25	7	990.01	7	1,365.51	7	1,753.89	7	2,142.27	7	2,530.65	7	2,918.89	7	3,307.12	7	3,695.35
1/4	235.01	1/4	623.34	1/4	997.79	1/4	1,373.61	1/4	1,761.98	1/4	2,150.36	1/4	2,538.74	1/4	2,926.98	1/4	3,315.21	1/4	3,703.44
1/2	243.10	1/2	631.43	1/2	1,005.57	1/2	1,381.70	1/2	1,770.07	1/2	2,158.45	1/2	2,546.83	1/2	2,935.07	1/2	3,323.30	1/2	3,711.53
3/4	251.19	3/4	639.53	3/4	1,013.35	3/4	1,389.79	3/4	1,778.17	3/4	2,166.54	3/4	2,554.92	3/4	2,943.16	3/4	3,331.39	3/4	3,719.62
8	259.28	8	647.62	8	1,021.14	8	1,397.88	8	1,786.26	8	2,174.63	8	2,563.02	8	2,951.24	8	3,339.47	8	3,727.71
1/4	267.37	1/4	655.55	1/4	1,028.92	1/4	1,405.97	1/4	1,794.35	1/4	2,182.73	1/4	2,571.10	1/4	2,959.33	1/4	3,347.56	1/4	3,735.79
1/2	275.47	1/2	663.49	1/2	1,036.71	1/2	1,414.06	1/2	1,802.44	1/2	2,190.82	1/2	2,579.19	1/2	2,967.42	1/2	3,355.65	1/2	3,743.88
3/4	283.56	3/4	671.43	3/4	1,044.49	3/4	1,422.15	3/4	1,810.53	3/4	2,198.91	3/4	2,587.28	3/4	2,975.51	3/4	3,363.74	3/4	3,751.97
9	291.65	9	679.37	9	1,052.28	9	1,430.24	9	1,818.62	9	2,207.00	9	2,595.37	9	2,983.60	9	3,371.83	9	3,760.06
1/4	299.74	1/4	687.15	1/4	1,060.06	1/4	1,438.33	1/4	1,826.71	1/4	2,215.09	1/4	2,603.46	1/4	2,991.69	1/4	3,379.91	1/4	3,768.15
1/2	307.83	1/2	694.93	1/2	1,067.85	1/2	1,446.43	1/2	1,834.80	1/2	2,223.18	1/2	2,611.54	1/2	2,999.77	1/2	3,388.00	1/2	3,776.23
3/4	315.92	3/4	702.71	3/4	1,075.63	3/4	1,454.52	3/4	1,842.89	3/4	2,231.27	3/4	2,619.63	3/4	3,007.86	3/4	3,396.09	3/4	3,784.32
10	324.01	10	710.50	10	1,083.42	10	1,462.61	10	1,850.99	10	2,239.36	10	2,627.72	10	3,015.95	10	3,404.18	10	3,792.41
1/4	332.10	1/4	718.27	1/4	1,091.20	1/4	1,470.70	1/4	1,859.08	1/4	2,247.45	1/4	2,635.81	1/4	3,024.04	1/4	3,412.27	1/4	3,800.50
1/2	340.20	1/2	726.04	1/2	1,098.99	1/2	1,478.79	1/2	1,867.17	1/2	2,255.55	1/2	2,643.90	1/2	3,032.13	1/2	3,420.35	1/2	3,808.59
3/4	348.29	3/4	733.81	3/4	1,106.77	3/4	1,486.88	3/4	1,875.26	3/4	2,263.64	3/4	2,651.98	3/4	3,040.21	3/4	3,428.44	3/4	3,816.67
11	356.38	11	741.58	11	1,114.56	11	1,494.97	11	1,883.35	11	2,271.73	11	2,660.07	11	3,048.30	11	3,436.53	11	3,824.76
1/4	364.47	1/4	749.34	1/4	1,122.34	1/4	1,503.06	1/4	1,891.44	1/4	2,279.82	1/4	2,668.16	1/4	3,056.39	1/4	3,444.62	1/4	3,832.85
1/2	372.56	1/2	757.10	1/2	1,130.13	1/2	1,511.16	1/2	1,899.53	1/2	2,287.91	1/2	2,676.25	1/2	3,064.48	1/2	3,452.71	1/2	3,840.94
3/4	380.65	3/4	764.86	3/4	1,137.91	3/4	1,519.25	3/4	1,907.62	3/4	2,296.00	3/4	2,684.34	3/4	3,072.57	3/4	3,460.79	3/4	3,849.03

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

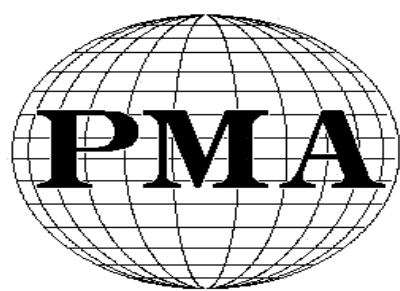
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 51'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "EMS 532"

2 STBD
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 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	3,857.11	0	4,245.34	0	4,632.00	0	5,003.36	0	5,355.42	0		0		0		0		0	
1/4	3,865.20	1/4	4,253.43	1/4	4,639.92	1/4	5,010.86	1/4	5,362.79	1/4		1/4		1/4		1/4		1/4	
1/2	3,873.29	1/2	4,261.51	1/2	4,647.84	1/2	5,018.36	1/2	5,370.16	1/2		1/2		1/2		1/2		1/2	
3/4	3,881.38	3/4	4,269.60	3/4	4,655.76	3/4	5,025.87	3/4	5,377.53	3/4		3/4		3/4		3/4		3/4	
1	3,889.47	1	4,277.69	1	4,663.68	1	5,033.37	1	5,384.90	1		1		1		1		1	
1/4	3,897.55	1/4	4,285.78	1/4	4,671.57	1/4	5,040.84	1/4	5,392.72	1/4		1/4		1/4		1/4		1/4	
1/2	3,905.64	1/2	4,293.87	1/2	4,679.45	1/2	5,048.32	1/2	5,400.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,913.73	3/4	4,301.95	3/4	4,687.34	3/4	5,055.79	3/4	5,408.34	3/4		3/4		3/4		3/4		3/4	
2	3,921.82	2	4,310.04	2	4,695.23	2	5,063.26	2	5,416.16	2		2		2		2		2	
1/4	3,929.91	1/4	4,318.13	1/4	4,703.09	1/4	5,070.70	1/4	5,424.20	1/4		1/4		1/4		1/4		1/4	
1/2	3,937.99	1/2	4,326.22	1/2	4,710.95	1/2	5,078.15	1/2	5,432.24	1/2		1/2		1/2		1/2		1/2	
3/4	3,946.08	3/4	4,334.31	3/4	4,718.80	3/4	5,085.59	3/4	5,440.28	3/4		3/4		3/4		3/4		3/4	
3	3,954.17	3	4,342.39	3	4,726.66	3	5,093.03	3	5,448.32	3		3		3		3		3	
1/4	3,962.26	1/4	4,350.48	1/4	4,734.49	1/4	5,100.44	1/4	5,456.26	1/4		1/4		1/4		1/4		1/4	
1/2	3,970.35	1/2	4,358.57	1/2	4,742.32	1/2	5,107.85	1/2	5,464.20	1/2		1/2		1/2		1/2		1/2	
3/4	3,978.43	3/4	4,366.66	3/4	4,750.14	3/4	5,115.26	3/4	5,472.14	3/4		3/4		3/4		3/4		3/4	
4	3,986.52	4	4,374.75	4	4,757.97	4	5,122.68	4	5,480.08	4		4		4		4		4	
1/4	3,994.61	1/4	4,382.83	1/4	4,765.77	1/4	5,130.06	1/4	5,487.21	1/4		1/4		1/4		1/4		1/4	
1/2	4,002.70	1/2	4,390.92	1/2	4,773.56	1/2	5,137.44	1/2	5,494.34	1/2		1/2		1/2		1/2		1/2	
3/4	4,010.79	3/4	4,399.01	3/4	4,781.36	3/4	5,144.82	3/4	5,501.47	3/4		3/4		3/4		3/4		3/4	
5	4,018.87	5	4,407.10	5	4,789.16	5	5,152.20	5	5,508.60	5		5		5		5		5	
1/4	4,026.96	1/4	4,415.19	1/4	4,796.92	1/4	5,159.55	1/4	5,514.22	1/4		1/4		1/4		1/4		1/4	
1/2	4,035.05	1/2	4,423.27	1/2	4,804.69	1/2	5,166.90	1/2	5,519.83	1/2		1/2		1/2		1/2		1/2	
3/4	4,043.14	3/4	4,431.36	3/4	4,812.45	3/4	5,174.25	3/4	5,525.44	3/4		3/4		3/4		3/4		3/4	
6	4,051.23	6	4,439.45	6	4,820.22	6	5,181.60	6	5,531.06	6		6		6		6		6	
1/4	4,059.31	1/4	4,447.54	1/4	4,827.95	1/4	5,188.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,067.40	1/2	4,455.62	1/2	4,835.69	1/2	5,196.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,075.49	3/4	4,463.71	3/4	4,843.42	3/4	5,203.56	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,083.58	7	4,471.79	7	4,851.16	7	5,210.88	7		7		7		7		7		7	
1/4	4,091.67	1/4	4,479.86	1/4	4,858.86	1/4	5,218.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,099.75	1/2	4,487.93	1/2	4,866.57	1/2	5,225.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,107.84	3/4	4,496.00	3/4	4,874.27	3/4	5,232.74	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,115.93	8	4,504.07	8	4,881.97	8	5,240.03	8		8		8		8		8		8	
1/4	4,124.02	1/4	4,512.11	1/4	4,889.62	1/4	5,247.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,132.11	1/2	4,520.15	1/2	4,897.27	1/2	5,254.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,140.19	3/4	4,528.19	3/4	4,904.92	3/4	5,261.81	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,148.28	9	4,536.23	9	4,912.57	9	5,269.06	9		9		9		9		9		9	
1/4	4,156.37	1/4	4,544.24	1/4	4,920.17	1/4	5,276.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,164.46	1/2	4,552.26	1/2	4,927.77	1/2	5,283.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,172.55	3/4	4,560.27	3/4	4,935.36	3/4	5,290.75	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,180.63	10	4,568.28	10	4,942.96	10	5,297.97	10		10		10		10		10		10	
1/4	4,188.72	1/4	4,576.26	1/4	4,950.52	1/4	5,305.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,196.81	1/2	4,584.24	1/2	4,958.09	1/2	5,312.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,204.90	3/4	4,592.22	3/4	4,965.65	3/4	5,319.56	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,212.99	11	4,600.20	11	4,973.22	11	5,326.76	11		11		11		11		11		11	
1/4	4,221.07	1/4	4,608.15	1/4	4,980.75	1/4	5,333.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,229.16	1/2	4,616.10	1/2	4,988.29	1/2	5,341.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,237.25	3/4	4,624.05	3/4	4,995.82	3/4	5,348.26	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/13/2025 JS
CALCULATED: 05/14/2025 CL
PRINTED: 05/14/2025 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2025

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



BARGE "EMS 532"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 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	12.91	0	361.71	0	720.09	0	1,074.12	0	1,435.29	0	1,796.45	0	2,157.11	0	2,518.15	0	2,879.02	0	3,239.89
1/4	17.93	1/4	369.23	1/4	727.40	1/4	1,081.64	1/4	1,442.82	1/4	1,803.98	1/4	2,164.62	1/4	2,525.67	1/4	2,886.54	1/4	3,247.41
1/2	22.95	1/2	376.76	1/2	734.71	1/2	1,089.17	1/2	1,450.34	1/2	1,811.50	1/2	2,172.13	1/2	2,533.19	1/2	2,894.06	1/2	3,254.93
3/4	27.97	3/4	384.29	3/4	742.02	3/4	1,096.69	3/4	1,457.87	3/4	1,819.03	3/4	2,179.64	3/4	2,540.71	3/4	2,901.58	3/4	3,262.44
1	32.99	1	391.81	1	749.32	1	1,104.22	1	1,465.39	1	1,826.55	1	2,187.15	1	2,548.22	1	2,909.09	1	3,269.96
1/4	39.89	1/4	399.34	1/4	756.63	1/4	1,111.74	1/4	1,472.91	1/4	1,834.08	1/4	2,194.67	1/4	2,555.74	1/4	2,916.61	1/4	3,277.48
1/2	46.79	1/2	406.86	1/2	763.94	1/2	1,119.27	1/2	1,480.44	1/2	1,841.60	1/2	2,202.18	1/2	2,563.26	1/2	2,924.13	1/2	3,285.00
3/4	53.69	3/4	414.38	3/4	771.25	3/4	1,126.79	3/4	1,487.96	3/4	1,849.12	3/4	2,209.69	3/4	2,570.78	3/4	2,931.65	3/4	3,292.52
2	60.59	2	421.91	2	778.56	2	1,134.32	2	1,495.49	2	1,856.65	2	2,217.20	2	2,578.30	2	2,939.17	2	3,300.03
1/4	68.12	1/4	429.43	1/4	785.87	1/4	1,141.84	1/4	1,503.01	1/4	1,864.17	1/4	2,224.72	1/4	2,585.82	1/4	2,946.68	1/4	3,307.55
1/2	75.64	1/2	436.95	1/2	793.18	1/2	1,149.37	1/2	1,510.54	1/2	1,871.68	1/2	2,232.24	1/2	2,593.33	1/2	2,954.20	1/2	3,315.07
3/4	83.17	3/4	444.48	3/4	800.49	3/4	1,156.89	3/4	1,518.06	3/4	1,879.20	3/4	2,239.76	3/4	2,600.85	3/4	2,961.72	3/4	3,322.59
3	90.70	3	452.00	3	807.80	3	1,164.41	3	1,525.58	3	1,886.71	3	2,247.27	3	2,608.37	3	2,969.24	3	3,330.11
1/4	98.23	1/4	459.53	1/4	815.11	1/4	1,171.94	1/4	1,533.11	1/4	1,894.23	1/4	2,254.80	1/4	2,615.89	1/4	2,976.76	1/4	3,337.62
1/2	105.76	1/2	467.05	1/2	822.42	1/2	1,179.46	1/2	1,540.63	1/2	1,901.74	1/2	2,262.33	1/2	2,623.41	1/2	2,984.27	1/2	3,345.14
3/4	113.28	3/4	474.58	3/4	829.73	3/4	1,186.99	3/4	1,548.16	3/4	1,909.25	3/4	2,269.86	3/4	2,630.92	3/4	2,991.79	3/4	3,352.66
4	120.81	4	482.11	4	837.04	4	1,194.51	4	1,555.68	4	1,916.76	4	2,277.38	4	2,638.44	4	2,999.31	4	3,360.18
1/4	128.34	1/4	489.63	1/4	844.35	1/4	1,202.04	1/4	1,563.20	1/4	1,924.27	1/4	2,284.91	1/4	2,645.96	1/4	3,006.83	1/4	3,367.64
1/2	135.87	1/2	497.16	1/2	851.66	1/2	1,209.56	1/2	1,570.73	1/2	1,931.78	1/2	2,292.44	1/2	2,653.48	1/2	3,014.35	1/2	3,375.10
3/4	143.40	3/4	504.69	3/4	858.97	3/4	1,217.09	3/4	1,578.25	3/4	1,939.29	3/4	2,299.97	3/4	2,661.00	3/4	3,021.86	3/4	3,382.57
5	150.92	5	512.22	5	866.28	5	1,224.61	5	1,585.78	5	1,946.80	5	2,307.49	5	2,668.51	5	3,029.38	5	3,390.03
1/4	158.45	1/4	519.75	1/4	873.59	1/4	1,232.14	1/4	1,593.30	1/4	1,954.31	1/4	2,315.02	1/4	2,676.03	1/4	3,036.90	1/4	3,397.44
1/2	165.98	1/2	527.27	1/2	880.90	1/2	1,239.66	1/2	1,600.83	1/2	1,961.82	1/2	2,322.55	1/2	2,683.55	1/2	3,044.42	1/2	3,404.85
3/4	173.51	3/4	534.80	3/4	888.21	3/4	1,247.19	3/4	1,608.35	3/4	1,969.34	3/4	2,330.08	3/4	2,691.07	3/4	3,051.94	3/4	3,412.25
6	181.04	6	542.33	6	895.52	6	1,254.71	6	1,615.87	6	1,976.85	6	2,337.60	6	2,698.59	6	3,059.46	6	3,419.66
1/4	188.56	1/4	549.86	1/4	902.84	1/4	1,262.24	1/4	1,623.40	1/4	1,984.36	1/4	2,345.13	1/4	2,706.10	1/4	3,066.97	1/4	3,427.07
1/2	196.09	1/2	557.39	1/2	910.16	1/2	1,269.76	1/2	1,630.92	1/2	1,991.87	1/2	2,352.66	1/2	2,713.62	1/2	3,074.49	1/2	3,434.48
3/4	203.62	3/4	564.91	3/4	917.48	3/4	1,277.29	3/4	1,638.45	3/4	1,999.38	3/4	2,360.19	3/4	2,721.14	3/4	3,082.01	3/4	3,441.88
7	211.15	7	572.44	7	924.79	7	1,284.81	7	1,645.97	7	2,006.89	7	2,367.71	7	2,728.66	7	3,089.53	7	3,449.29
1/4	218.68	1/4	579.97	1/4	932.12	1/4	1,292.33	1/4	1,653.50	1/4	2,014.40	1/4	2,375.24	1/4	2,736.18	1/4	3,097.05	1/4	3,456.70
1/2	226.20	1/2	587.50	1/2	939.45	1/2	1,299.86	1/2	1,661.02	1/2	2,021.91	1/2	2,382.77	1/2	2,743.70	1/2	3,104.56	1/2	3,464.10
3/4	233.73	3/4	595.03	3/4	946.78	3/4	1,307.38	3/4	1,668.54	3/4	2,029.42	3/4	2,390.29	3/4	2,751.21	3/4	3,112.08	3/4	3,471.51
8	241.26	8	602.55	8	954.11	8	1,314.91	8	1,676.07	8	2,036.93	8	2,397.82	8	2,758.73	8	3,119.60	8	3,478.92
1/4	248.79	1/4	609.98	1/4	961.54	1/4	1,322.43	1/4	1,683.59	1/4	2,044.45	1/4	2,405.34	1/4	2,766.25	1/4	3,127.12	1/4	3,486.33
1/2	256.32	1/2	617.41	1/2	968.96	1/2	1,329.95	1/2	1,691.12	1/2	2,051.96	1/2	2,412.87	1/2	2,773.77	1/2	3,134.64	1/2	3,493.73
3/4	263.84	3/4	624.84	3/4	976.39	3/4	1,337.48	3/4	1,698.64	3/4	2,059.47	3/4	2,420.39	3/4	2,781.29	3/4	3,142.15	3/4	3,501.14
9	271.37	9	632.27	9	983.82	9	1,345.00	9	1,706.16	9	2,066.98	9	2,427.92	9	2,788.80	9	3,149.67	9	3,508.55
1/4	278.90	1/4	639.60	1/4	991.35	1/4	1,352.53	1/4	1,713.69	1/4	2,074.49	1/4	2,435.44	1/4	2,796.32	1/4	3,157.19	1/4	3,515.95
1/2	286.43	1/2	646.93	1/2	998.87	1/2	1,360.05	1/2	1,721.21	1/2	2,082.00	1/2	2,442.96	1/2	2,803.84	1/2	3,164.71	1/2	3,523.36
3/4	293.96	3/4	654.26	3/4	1,006.40	3/4	1,367.58	3/4	1,728.74	3/4	2,089.51	3/4	2,450.49	3/4	2,811.36	3/4	3,172.23	3/4	3,530.77
10	301.48	10	661.59	10	1,013.92	10	1,375.10	10	1,736.26	10	2,097.02	10	2,458.01	10	2,818.88	10	3,179.74	10	3,538.18
1/4	309.01	1/4	668.91	1/4	1,021.45	1/4	1,382.62	1/4	1,743.79	1/4	2,104.53	1/4	2,465.53	1/4	2,826.39	1/4	3,187.26	1/4	3,545.64
1/2	316.54	1/2	676.22	1/2	1,028.97	1/2	1,390.15	1/2	1,751.31	1/2	2,112.04	1/2	2,473.04	1/2	2,833.91	1/2	3,194.78	1/2	3,553.10
3/4	324.07	3/4	683.54	3/4	1,036.49	3/4	1,397.67	3/4	1,758.83	3/4	2,119.56	3/4	2,480.56	3/4	2,841.43	3/4	3,202.30	3/4	3,560.56
11	331.60	11	690.86	11	1,044.02	11	1,405.20	11	1,766.36	11	2,127.07	11	2,488.08	11	2,848.95	11	3,209.82	11	3,568.02
1/4	339.12	1/4	698.17	1/4	1,051.54	1/4	1,412.72	1/4	1,773.88	1/4	2,134.58	1/4	2,495.60	1/4	2,856.47	1/4	3,217.34	1/4	3,575.06
1/2	346.65	1/2	705.48	1/2	1,059.07	1/2	1,420.24	1/2	1,781.41	1/2	2,142.09	1/2	2,503.12	1/2	2,863.98	1/2	3,224.85	1/2	3,582.09
3/4	354.18	3/4	712.79	3/4	1,066.59	3/4	1,427.77	3/4	1,788.93	3/4	2,149.60	3/4	2,510.63	3/4	2,871.50	3/4	3,232.37	3/4	3,589.12

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.

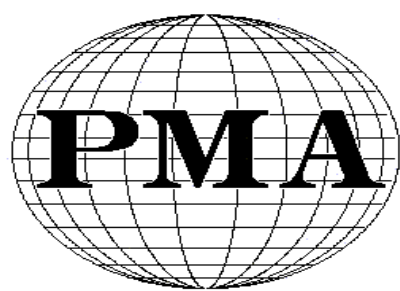
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 45'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "EMS 532"

3 PORT
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 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	3,596.15	0	3,797.21	0	3,994.85	0	4,178.39	0	4,343.69	0		0		0		0		0	
1/4	3,600.79	1/4	3,801.36	1/4	3,998.85	1/4	4,182.01	1/4	4,347.11	1/4		1/4		1/4		1/4		1/4	
1/2	3,605.43	1/2	3,805.51	1/2	4,002.84	1/2	4,185.62	1/2	4,350.54	1/2		1/2		1/2		1/2		1/2	
3/4	3,610.06	3/4	3,809.66	3/4	4,006.83	3/4	4,189.24	3/4	4,353.96	3/4		3/4		3/4		3/4		3/4	
1	3,614.70	1	3,813.80	1	4,010.82	1	4,192.85	1	4,357.38	1		1		1		1		1	
1/4	3,618.85	1/4	3,817.95	1/4	4,014.78	1/4	4,196.44	1/4	4,361.22	1/4		1/4		1/4		1/4		1/4	
1/2	3,623.00	1/2	3,822.10	1/2	4,018.74	1/2	4,200.02	1/2	4,365.06	1/2		1/2		1/2		1/2		1/2	
3/4	3,627.14	3/4	3,826.25	3/4	4,022.70	3/4	4,203.61	3/4	4,368.90	3/4		3/4		3/4		3/4		3/4	
2	3,631.29	2	3,830.40	2	4,026.67	2	4,207.20	2	4,372.74	2		2		2		2		2	
1/4	3,635.44	1/4	3,834.54	1/4	4,030.60	1/4	4,210.75	1/4	4,376.79	1/4		1/4		1/4		1/4		1/4	
1/2	3,639.59	1/2	3,838.69	1/2	4,034.53	1/2	4,214.31	1/2	4,380.84	1/2		1/2		1/2		1/2		1/2	
3/4	3,643.74	3/4	3,842.84	3/4	4,038.47	3/4	4,217.87	3/4	4,384.89	3/4		3/4		3/4		3/4		3/4	
3	3,647.88	3	3,846.99	3	4,042.40	3	4,221.43	3	4,388.94	3		3		3		3		3	
1/4	3,652.03	1/4	3,851.14	1/4	4,046.30	1/4	4,224.96	1/4	4,392.89	1/4		1/4		1/4		1/4		1/4	
1/2	3,656.18	1/2	3,855.28	1/2	4,050.21	1/2	4,228.48	1/2	4,396.85	1/2		1/2		1/2		1/2		1/2	
3/4	3,660.33	3/4	3,859.43	3/4	4,054.11	3/4	4,232.01	3/4	4,400.80	3/4		3/4		3/4		3/4		3/4	
4	3,664.48	4	3,863.58	4	4,058.02	4	4,235.54	4	4,404.76	4		4		4		4		4	
1/4	3,668.62	1/4	3,867.73	1/4	4,061.89	1/4	4,239.04	1/4	4,407.96	1/4		1/4		1/4		1/4		1/4	
1/2	3,672.77	1/2	3,871.88	1/2	4,065.77	1/2	4,242.54	1/2	4,411.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,676.92	3/4	3,876.02	3/4	4,069.65	3/4	4,246.04	3/4	4,414.37	3/4		3/4		3/4		3/4		3/4	
5	3,681.07	5	3,880.17	5	4,073.52	5	4,249.54	5	4,417.57	5		5		5		5		5	
1/4	3,685.22	1/4	3,884.32	1/4	4,077.37	1/4	4,253.01	1/4	4,419.36	1/4		1/4		1/4		1/4		1/4	
1/2	3,689.36	1/2	3,888.47	1/2	4,081.22	1/2	4,256.49	1/2	4,421.15	1/2		1/2		1/2		1/2		1/2	
3/4	3,693.51	3/4	3,892.62	3/4	4,085.06	3/4	4,259.96	3/4	4,422.95	3/4		3/4		3/4		3/4		3/4	
6	3,697.66	6	3,896.76	6	4,088.91	6	4,263.43	6	4,424.74	6		6		6		6		6	
1/4	3,701.81	1/4	3,900.91	1/4	4,092.73	1/4	4,266.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,705.96	1/2	3,905.05	1/2	4,096.55	1/2	4,270.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,710.10	3/4	3,909.20	3/4	4,100.37	3/4	4,273.76	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,714.25	7	3,913.34	7	4,104.19	7	4,277.20	7		7		7		7		7		7	
1/4	3,718.40	1/4	3,917.47	1/4	4,107.98	1/4	4,280.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,722.55	1/2	3,921.60	1/2	4,111.77	1/2	4,284.03	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,726.70	3/4	3,925.73	3/4	4,115.56	3/4	4,287.44	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,730.84	8	3,929.86	8	4,119.35	8	4,290.86	8		8		8		8		8		8	
1/4	3,734.99	1/4	3,933.97	1/4	4,123.10	1/4	4,294.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,739.14	1/2	3,938.07	1/2	4,126.84	1/2	4,297.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,743.29	3/4	3,942.18	3/4	4,130.59	3/4	4,301.02	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,747.44	9	3,946.28	9	4,134.33	9	4,304.40	9		9		9		9		9		9	
1/4	3,751.58	1/4	3,950.36	1/4	4,138.03	1/4	4,307.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,755.73	1/2	3,954.43	1/2	4,141.73	1/2	4,311.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,759.88	3/4	3,958.51	3/4	4,145.43	3/4	4,314.38	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,764.03	10	3,962.59	10	4,149.13	10	4,317.70	10		10		10		10		10		10	
1/4	3,768.18	1/4	3,966.63	1/4	4,152.81	1/4	4,320.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,772.32	1/2	3,970.68	1/2	4,156.48	1/2	4,324.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,776.47	3/4	3,974.73	3/4	4,160.15	3/4	4,327.49	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,780.62	11	3,978.78	11	4,163.82	11	4,330.75	11		11		11		11		11		11	
1/4	3,784.77	1/4	3,982.80	1/4	4,167.46	1/4	4,333.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,788.92	1/2	3,986.82	1/2	4,171.11	1/2	4,337.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,793.06	3/4	3,990.84	3/4	4,174.75	3/4	4,340.45	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/13/2025 JS
CALCULATED: 05/14/2025 CL
PRINTED: 05/14/2025 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2025

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



BARGE "EMS 532"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 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	12.94	0	362.17	0	716.89	0	1,061.16	0	1,422.36	0	1,783.00	0	2,139.91	0	2,501.04	0	2,861.93	0	3,222.91
1/4	17.97	1/4	369.71	1/4	723.91	1/4	1,068.68	1/4	1,429.88	1/4	1,790.43	1/4	2,147.42	1/4	2,508.56	1/4	2,869.45	1/4	3,230.43
1/2	23.00	1/2	377.24	1/2	730.93	1/2	1,076.20	1/2	1,437.41	1/2	1,797.87	1/2	2,154.94	1/2	2,516.07	1/2	2,876.97	1/2	3,237.96
3/4	28.03	3/4	384.77	3/4	737.96	3/4	1,083.72	3/4	1,444.93	3/4	1,805.30	3/4	2,162.45	3/4	2,523.59	3/4	2,884.49	3/4	3,245.48
1	33.06	1	392.30	1	744.98	1	1,091.24	1	1,452.45	1	1,812.74	1	2,169.97	1	2,531.10	1	2,892.01	1	3,253.00
1/4	39.98	1/4	399.83	1/4	752.00	1/4	1,098.76	1/4	1,459.98	1/4	1,820.17	1/4	2,177.48	1/4	2,538.62	1/4	2,899.53	1/4	3,260.52
1/2	46.89	1/2	407.36	1/2	759.03	1/2	1,106.29	1/2	1,467.50	1/2	1,827.61	1/2	2,185.00	1/2	2,546.13	1/2	2,907.05	1/2	3,268.04
3/4	53.81	3/4	414.89	3/4	766.05	3/4	1,113.81	3/4	1,475.03	3/4	1,835.04	3/4	2,192.51	3/4	2,553.65	3/4	2,914.57	3/4	3,275.56
2	60.72	2	422.42	2	773.07	2	1,121.34	2	1,482.55	2	1,842.47	2	2,200.03	2	2,561.16	2	2,922.09	2	3,283.08
1/4	68.27	1/4	429.95	1/4	780.10	1/4	1,128.86	1/4	1,490.08	1/4	1,849.90	1/4	2,207.55	1/4	2,568.68	1/4	2,929.61	1/4	3,290.60
1/2	75.81	1/2	437.47	1/2	787.13	1/2	1,136.39	1/2	1,497.60	1/2	1,857.33	1/2	2,215.07	1/2	2,576.19	1/2	2,937.14	1/2	3,298.12
3/4	83.36	3/4	445.00	3/4	794.15	3/4	1,143.92	3/4	1,505.13	3/4	1,864.76	3/4	2,222.60	3/4	2,583.71	3/4	2,944.66	3/4	3,305.64
3	90.90	3	452.53	3	801.18	3	1,151.45	3	1,512.65	3	1,872.19	3	2,230.12	3	2,591.22	3	2,952.18	3	3,313.16
1/4	98.45	1/4	460.06	1/4	808.20	1/4	1,158.98	1/4	1,520.18	1/4	1,879.61	1/4	2,237.65	1/4	2,598.74	1/4	2,959.70	1/4	3,320.68
1/2	105.99	1/2	467.60	1/2	815.23	1/2	1,166.50	1/2	1,527.70	1/2	1,887.03	1/2	2,245.18	1/2	2,606.25	1/2	2,967.22	1/2	3,328.20
3/4	113.54	3/4	475.13	3/4	822.25	3/4	1,174.03	3/4	1,535.23	3/4	1,894.45	3/4	2,252.71	3/4	2,613.77	3/4	2,974.74	3/4	3,335.72
4	121.08	4	482.66	4	829.28	4	1,181.56	4	1,542.75	4	1,901.87	4	2,260.24	4	2,621.28	4	2,982.26	4	3,343.24
1/4	128.62	1/4	490.19	1/4	836.30	1/4	1,189.08	1/4	1,550.28	1/4	1,909.29	1/4	2,267.78	1/4	2,628.80	1/4	2,989.78	1/4	3,350.71
1/2	136.16	1/2	497.73	1/2	843.33	1/2	1,196.61	1/2	1,557.80	1/2	1,916.71	1/2	2,275.31	1/2	2,636.32	1/2	2,997.30	1/2	3,358.17
3/4	143.70	3/4	505.26	3/4	850.36	3/4	1,204.13	3/4	1,565.33	3/4	1,924.13	3/4	2,282.84	3/4	2,643.84	3/4	3,004.82	3/4	3,365.64
5	151.24	5	512.79	5	857.38	5	1,211.66	5	1,572.85	5	1,931.55	5	2,290.37	5	2,651.36	5	3,012.34	5	3,373.10
1/4	158.77	1/4	520.33	1/4	864.40	1/4	1,219.18	1/4	1,580.37	1/4	1,938.98	1/4	2,297.90	1/4	2,658.88	1/4	3,019.86	1/4	3,380.51
1/2	166.31	1/2	527.86	1/2	871.42	1/2	1,226.71	1/2	1,587.90	1/2	1,946.40	1/2	2,305.43	1/2	2,666.40	1/2	3,027.38	1/2	3,387.92
3/4	173.84	3/4	535.39	3/4	878.44	3/4	1,234.23	3/4	1,595.42	3/4	1,953.82	3/4	2,312.96	3/4	2,673.92	3/4	3,034.90	3/4	3,395.33
6	181.37	6	542.93	6	885.46	6	1,241.76	6	1,602.95	6	1,961.24	6	2,320.50	6	2,681.44	6	3,042.42	6	3,402.74
1/4	188.91	1/4	550.46	1/4	892.49	1/4	1,249.28	1/4	1,610.47	1/4	1,968.66	1/4	2,328.03	1/4	2,688.96	1/4	3,049.94	1/4	3,410.15
1/2	196.44	1/2	557.99	1/2	899.52	1/2	1,256.81	1/2	1,618.00	1/2	1,976.08	1/2	2,335.56	1/2	2,696.48	1/2	3,057.46	1/2	3,417.56
3/4	203.97	3/4	565.53	3/4	906.55	3/4	1,264.33	3/4	1,625.52	3/4	1,983.50	3/4	2,343.09	3/4	2,704.00	3/4	3,064.98	3/4	3,424.97
7	211.51	7	573.06	7	913.59	7	1,271.86	7	1,633.05	7	1,990.92	7	2,350.62	7	2,711.52	7	3,072.50	7	3,432.38
1/4	219.04	1/4	580.59	1/4	920.63	1/4	1,279.39	1/4	1,640.57	1/4	1,998.34	1/4	2,358.15	1/4	2,719.04	1/4	3,080.02	1/4	3,439.80
1/2	226.57	1/2	588.13	1/2	927.68	1/2	1,286.91	1/2	1,648.10	1/2	2,005.77	1/2	2,365.68	1/2	2,726.56	1/2	3,087.55	1/2	3,447.21
3/4	234.11	3/4	595.66	3/4	934.73	3/4	1,294.44	3/4	1,655.62	3/4	2,013.19	3/4	2,373.21	3/4	2,734.08	3/4	3,095.07	3/4	3,454.63
8	241.64	8	603.19	8	941.78	8	1,301.96	8	1,663.15	8	2,020.61	8	2,380.74	8	2,741.60	8	3,102.59	8	3,462.04
1/4	249.17	1/4	610.49	1/4	949.07	1/4	1,309.49	1/4	1,670.67	1/4	2,028.03	1/4	2,388.27	1/4	2,749.12	1/4	3,110.11	1/4	3,469.46
1/2	256.71	1/2	617.79	1/2	956.36	1/2	1,317.01	1/2	1,678.20	1/2	2,035.45	1/2	2,395.79	1/2	2,756.64	1/2	3,117.63	1/2	3,476.89
3/4	264.24	3/4	625.09	3/4	963.64	3/4	1,324.54	3/4	1,685.72	3/4	2,042.87	3/4	2,403.32	3/4	2,764.16	3/4	3,125.15	3/4	3,484.31
9	271.77	9	632.39	9	970.93	9	1,332.06	9	1,693.25	9	2,050.29	9	2,410.84	9	2,771.68	9	3,132.67	9	3,491.73
1/4	279.31	1/4	639.45	1/4	978.45	1/4	1,339.58	1/4	1,700.77	1/4	2,057.71	1/4	2,418.36	1/4	2,779.20	1/4	3,140.19	1/4	3,499.15
1/2	286.84	1/2	646.51	1/2	985.97	1/2	1,347.11	1/2	1,708.29	1/2	2,065.13	1/2	2,425.88	1/2	2,786.73	1/2	3,147.71	1/2	3,506.57
3/4	294.37	3/4	653.57	3/4	993.49	3/4	1,354.63	3/4	1,715.82	3/4	2,072.56	3/4	2,433.40	3/4	2,794.25	3/4	3,155.23	3/4	3,513.99
10	301.91	10	660.63	10	1,001.01	10	1,362.16	10	1,723.34	10	2,079.98	10	2,440.92	10	2,801.77	10	3,162.75	10	3,521.41
1/4	309.44	1/4	667.67	1/4	1,008.52	1/4	1,369.68	1/4	1,730.82	1/4	2,087.44	1/4	2,448.44	1/4	2,809.29	1/4	3,170.27	1/4	3,528.89
1/2	316.97	1/2	674.71	1/2	1,016.04	1/2	1,377.21	1/2	1,738.30	1/2	2,094.91	1/2	2,455.95	1/2	2,816.81	1/2	3,177.79	1/2	3,536.37
3/4	324.51	3/4	681.75	3/4	1,023.56	3/4	1,384.73	3/4	1,745.78	3/4	2,102.38	3/4	2,463.47	3/4	2,824.33	3/4	3,185.31	3/4	3,543.84
11	332.04	11	688.79	11	1,031.08	11	1,392.26	11	1,753.26	11	2,109.85	11	2,470.98	11	2,831.85	11	3,192.83	11	3,551.32
1/4	339.57	1/4	695.81	1/4	1,038.60	1/4	1,399.78	1/4	1,760.70	1/4	2,117.36	1/4	2,478.50	1/4	2,839.37	1/4	3,200.35	1/4	3,558.37
1/2	347.11	1/2	702.84	1/2	1,046.12	1/2	1,407.31	1/2	1,768.13	1/2	2,124.88	1/2	2,486.01	1/2	2,846.89	1/2	3,207.87	1/2	3,565.41
3/4	354.64	3/4	709.86	3/4	1,053.64	3/4	1,414.83	3/4	1,775.57	3/4	2,132.39	3/4	2,493.53	3/4	2,854.41	3/4	3,215.39	3/4	3,572.46

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

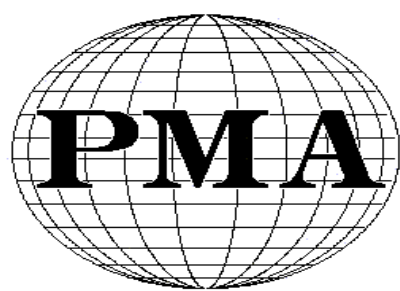
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 45'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "EMS 532"

3 STBD
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 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	3,579.51	0	3,781.56	0	3,980.19	0	4,164.74	0	4,331.06	0		0		0		0		0	
1/4	3,584.17	1/4	3,785.73	1/4	3,984.20	1/4	4,168.37	1/4	4,334.50	1/4		1/4		1/4		1/4		1/4	
1/2	3,588.83	1/2	3,789.90	1/2	3,988.21	1/2	4,172.01	1/2	4,337.95	1/2		1/2		1/2		1/2		1/2	
3/4	3,593.48	3/4	3,794.06	3/4	3,992.23	3/4	4,175.64	3/4	4,341.39	3/4		3/4		3/4		3/4		3/4	
1	3,598.14	1	3,798.23	1	3,996.24	1	4,179.28	1	4,344.84	1		1		1		1		1	
1/4	3,602.31	1/4	3,802.40	1/4	4,000.22	1/4	4,182.89	1/4	4,348.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,606.48	1/2	3,806.57	1/2	4,004.20	1/2	4,186.49	1/2	4,352.56	1/2		1/2		1/2		1/2		1/2	
3/4	3,610.65	3/4	3,810.74	3/4	4,008.19	3/4	4,190.10	3/4	4,356.42	3/4		3/4		3/4		3/4		3/4	
2	3,614.81	2	3,814.91	2	4,012.17	2	4,193.71	2	4,360.28	2		2		2		2		2	
1/4	3,618.98	1/4	3,819.08	1/4	4,016.12	1/4	4,197.29	1/4	4,364.35	1/4		1/4		1/4		1/4		1/4	
1/2	3,623.15	1/2	3,823.24	1/2	4,020.08	1/2	4,200.87	1/2	4,368.42	1/2		1/2		1/2		1/2		1/2	
3/4	3,627.32	3/4	3,827.41	3/4	4,024.03	3/4	4,204.44	3/4	4,372.49	3/4		3/4		3/4		3/4		3/4	
3	3,631.49	3	3,831.58	3	4,027.98	3	4,208.02	3	4,376.56	3		3		3		3		3	
1/4	3,635.66	1/4	3,835.75	1/4	4,031.91	1/4	4,211.57	1/4	4,380.53	1/4		1/4		1/4		1/4		1/4	
1/2	3,639.83	1/2	3,839.92	1/2	4,035.84	1/2	4,215.12	1/2	4,384.51	1/2		1/2		1/2		1/2		1/2	
3/4	3,644.00	3/4	3,844.09	3/4	4,039.76	3/4	4,218.67	3/4	4,388.49	3/4		3/4		3/4		3/4		3/4	
4	3,648.16	4	3,848.26	4	4,043.69	4	4,222.22	4	4,392.46	4		4		4		4		4	
1/4	3,652.33	1/4	3,852.43	1/4	4,047.58	1/4	4,225.75	1/4	4,395.68	1/4		1/4		1/4		1/4		1/4	
1/2	3,656.50	1/2	3,856.59	1/2	4,051.48	1/2	4,229.27	1/2	4,398.91	1/2		1/2		1/2		1/2		1/2	
3/4	3,660.67	3/4	3,860.76	3/4	4,055.38	3/4	4,232.79	3/4	4,402.13	3/4		3/4		3/4		3/4		3/4	
5	3,664.84	5	3,864.93	5	4,059.28	5	4,236.31	5	4,405.35	5		5		5		5		5	
1/4	3,669.01	1/4	3,869.10	1/4	4,063.14	1/4	4,239.80	1/4	4,407.16	1/4		1/4		1/4		1/4		1/4	
1/2	3,673.18	1/2	3,873.27	1/2	4,067.01	1/2	4,243.30	1/2	4,408.96	1/2		1/2		1/2		1/2		1/2	
3/4	3,677.34	3/4	3,877.44	3/4	4,070.88	3/4	4,246.79	3/4	4,410.77	3/4		3/4		3/4		3/4		3/4	
6	3,681.51	6	3,881.61	6	4,074.75	6	4,250.28	6	4,412.58	6		6		6		6		6	
1/4	3,685.68	1/4	3,885.77	1/4	4,078.59	1/4	4,253.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,689.85	1/2	3,889.93	1/2	4,082.43	1/2	4,257.21	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,694.02	3/4	3,894.10	3/4	4,086.27	3/4	4,260.67	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,698.19	7	3,898.26	7	4,090.11	7	4,264.14	7		7		7		7		7		7	
1/4	3,702.36	1/4	3,902.41	1/4	4,093.92	1/4	4,267.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,706.52	1/2	3,906.56	1/2	4,097.73	1/2	4,271.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,710.69	3/4	3,910.72	3/4	4,101.54	3/4	4,274.45	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,714.86	8	3,914.87	8	4,105.35	8	4,277.88	8		8		8		8		8		8	
1/4	3,719.03	1/4	3,918.99	1/4	4,109.12	1/4	4,281.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,723.20	1/2	3,923.12	1/2	4,112.89	1/2	4,284.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,727.37	3/4	3,927.24	3/4	4,116.65	3/4	4,288.10	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,731.54	9	3,931.37	9	4,120.42	9	4,291.51	9		9		9		9		9		9	
1/4	3,735.70	1/4	3,935.47	1/4	4,124.14	1/4	4,294.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,739.87	1/2	3,939.56	1/2	4,127.86	1/2	4,298.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,744.04	3/4	3,943.66	3/4	4,131.59	3/4	4,301.55	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,748.21	10	3,947.76	10	4,135.31	10	4,304.89	10		10		10		10		10		10	
1/4	3,752.38	1/4	3,951.83	1/4	4,139.00	1/4	4,308.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,756.55	1/2	3,955.89	1/2	4,142.69	1/2	4,311.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,760.72	3/4	3,959.96	3/4	4,146.39	3/4	4,314.75	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,764.88	11	3,964.03	11	4,150.08	11	4,318.03	11		11		11		11		11		11	
1/4	3,769.05	1/4	3,968.07	1/4	4,153.74	1/4	4,321.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,773.22	1/2	3,972.11	1/2	4,157.41	1/2	4,324.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,777.39	3/4	3,976.15	3/4	4,161.07	3/4	4,327.80	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/13/2025 JS
CALCULATED: 05/14/2025 CL
PRINTED: 05/14/2025 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2025

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