



BARGE "CTC 29137"

INNAGE (HERMETIC)

FORMERLY "E2MS 307"

	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	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8
1 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8
2 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
2 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
3 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8
3 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 6'-00"
 DIFF. = 4'-00" (DOWN BY STERN)

THE CORRECTION FOR 4'-00" TRIM DOWN BY STERN FOR 1 PORT IS 00-0/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 0/8"

LENGTH BETWEEN DRAFT MARKS: 235'-09"

October 17, 2022

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTC 29137"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "E2MS 307"

GAUGE HEIGHT 17'-03 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	15.27	0	303.28	0	652.34	0	1,008.17	0	1,365.16	0	1,722.84	0	2,080.51	0	2,438.19	0	2,795.81	0	3,153.39
1/4	18.31	1/4	310.17	1/4	659.79	1/4	1,015.56	1/4	1,372.61	1/4	1,730.29	1/4	2,087.96	1/4	2,445.64	1/4	2,803.26	1/4	3,160.84
1/2	21.35	1/2	317.05	1/2	667.25	1/2	1,022.95	1/2	1,380.06	1/2	1,737.74	1/2	2,095.42	1/2	2,453.09	1/2	2,810.71	1/2	3,168.29
3/4	24.39	3/4	323.93	3/4	674.70	3/4	1,030.35	3/4	1,387.51	3/4	1,745.19	3/4	2,102.87	3/4	2,460.54	3/4	2,818.16	3/4	3,175.74
1	27.43	1	330.82	1	682.15	1	1,037.74	1	1,394.96	1	1,752.64	1	2,110.32	1	2,468.00	1	2,825.61	1	3,183.19
1/4	32.42	1/4	337.79	1/4	689.60	1/4	1,045.14	1/4	1,402.42	1/4	1,760.09	1/4	2,117.77	1/4	2,475.45	1/4	2,833.06	1/4	3,190.64
1/2	37.40	1/2	344.76	1/2	697.05	1/2	1,052.54	1/2	1,409.87	1/2	1,767.54	1/2	2,125.22	1/2	2,482.90	1/2	2,840.51	1/2	3,198.09
3/4	42.39	3/4	351.73	3/4	704.50	3/4	1,059.94	3/4	1,417.32	3/4	1,775.00	3/4	2,132.67	3/4	2,490.35	3/4	2,847.96	3/4	3,205.54
2	47.38	2	358.70	2	711.95	2	1,067.35	2	1,424.77	2	1,782.45	2	2,140.12	2	2,497.80	2	2,855.41	2	3,212.99
1/4	53.35	1/4	365.76	1/4	719.41	1/4	1,074.77	1/4	1,432.22	1/4	1,789.90	1/4	2,147.58	1/4	2,505.25	1/4	2,862.86	1/4	3,220.44
1/2	59.33	1/2	372.81	1/2	726.86	1/2	1,082.19	1/2	1,439.67	1/2	1,797.35	1/2	2,155.03	1/2	2,512.70	1/2	2,870.31	1/2	3,227.89
3/4	65.30	3/4	379.87	3/4	734.31	3/4	1,089.61	3/4	1,447.13	3/4	1,804.80	3/4	2,162.48	3/4	2,520.16	3/4	2,877.76	3/4	3,235.34
3	71.27	3	386.93	3	741.76	3	1,097.03	3	1,454.58	3	1,812.25	3	2,169.93	3	2,527.61	3	2,885.20	3	3,242.79
1/4	77.36	1/4	394.08	1/4	749.21	1/4	1,104.45	1/4	1,462.03	1/4	1,819.71	1/4	2,177.38	1/4	2,535.06	1/4	2,892.65	1/4	3,250.24
1/2	83.44	1/2	401.22	1/2	756.66	1/2	1,111.87	1/2	1,469.48	1/2	1,827.16	1/2	2,184.83	1/2	2,542.51	1/2	2,900.10	1/2	3,257.68
3/4	89.53	3/4	408.37	3/4	764.11	3/4	1,119.29	3/4	1,476.93	3/4	1,834.61	3/4	2,192.29	3/4	2,549.96	3/4	2,907.55	3/4	3,265.13
4	95.62	4	415.51	4	771.57	4	1,126.71	4	1,484.38	4	1,842.06	4	2,199.74	4	2,557.41	4	2,915.00	4	3,272.58
1/4	101.80	1/4	422.75	1/4	778.97	1/4	1,134.16	1/4	1,491.84	1/4	1,849.51	1/4	2,207.19	1/4	2,564.87	1/4	2,922.45	1/4	3,280.03
1/2	107.98	1/2	429.98	1/2	786.37	1/2	1,141.61	1/2	1,499.29	1/2	1,856.96	1/2	2,214.64	1/2	2,572.32	1/2	2,929.90	1/2	3,287.48
3/4	114.16	3/4	437.21	3/4	793.77	3/4	1,149.06	3/4	1,506.74	3/4	1,864.42	3/4	2,222.09	3/4	2,579.77	3/4	2,937.35	3/4	3,294.93
5	120.34	5	444.45	5	801.17	5	1,156.51	5	1,514.19	5	1,871.87	5	2,229.54	5	2,587.22	5	2,944.80	5	3,302.38
1/4	126.62	1/4	451.77	1/4	808.56	1/4	1,163.97	1/4	1,521.64	1/4	1,879.32	1/4	2,237.00	1/4	2,594.67	1/4	2,952.25	1/4	3,309.83
1/2	132.89	1/2	459.09	1/2	815.96	1/2	1,171.42	1/2	1,529.09	1/2	1,886.77	1/2	2,244.45	1/2	2,602.12	1/2	2,959.70	1/2	3,317.28
3/4	139.16	3/4	466.41	3/4	823.35	3/4	1,178.87	3/4	1,536.55	3/4	1,894.22	3/4	2,251.90	3/4	2,609.57	3/4	2,967.15	3/4	3,324.73
6	145.43	6	473.73	6	830.74	6	1,186.32	6	1,544.00	6	1,901.67	6	2,259.35	6	2,617.02	6	2,974.60	6	3,332.18
1/4	151.79	1/4	481.13	1/4	838.13	1/4	1,193.77	1/4	1,551.45	1/4	1,909.13	1/4	2,266.80	1/4	2,624.47	1/4	2,982.05	1/4	3,339.63
1/2	158.15	1/2	488.54	1/2	845.53	1/2	1,201.22	1/2	1,558.90	1/2	1,916.58	1/2	2,274.25	1/2	2,631.92	1/2	2,989.50	1/2	3,347.08
3/4	164.51	3/4	495.95	3/4	852.92	3/4	1,208.67	3/4	1,566.35	3/4	1,924.03	3/4	2,281.71	3/4	2,639.37	3/4	2,996.95	3/4	3,354.53
7	170.86	7	503.36	7	860.31	7	1,216.13	7	1,573.80	7	1,931.48	7	2,289.16	7	2,646.82	7	3,004.40	7	3,361.98
1/4	177.31	1/4	510.81	1/4	867.71	1/4	1,223.58	1/4	1,581.25	1/4	1,938.93	1/4	2,296.61	1/4	2,654.27	1/4	3,011.85	1/4	3,369.43
1/2	183.76	1/2	518.26	1/2	875.10	1/2	1,231.03	1/2	1,588.71	1/2	1,946.38	1/2	2,304.06	1/2	2,661.72	1/2	3,019.30	1/2	3,376.88
3/4	190.20	3/4	525.71	3/4	882.49	3/4	1,238.48	3/4	1,596.16	3/4	1,953.83	3/4	2,311.51	3/4	2,669.17	3/4	3,026.75	3/4	3,384.33
8	196.65	8	533.16	8	889.88	8	1,245.93	8	1,603.61	8	1,961.29	8	2,318.96	8	2,676.62	8	3,034.20	8	3,391.78
1/4	203.18	1/4	540.61	1/4	897.28	1/4	1,253.38	1/4	1,611.06	1/4	1,968.74	1/4	2,326.41	1/4	2,684.07	1/4	3,041.65	1/4	3,399.23
1/2	209.72	1/2	548.06	1/2	904.67	1/2	1,260.84	1/2	1,618.51	1/2	1,976.19	1/2	2,333.87	1/2	2,691.52	1/2	3,049.10	1/2	3,406.68
3/4	216.25	3/4	555.50	3/4	912.06	3/4	1,268.29	3/4	1,625.96	3/4	1,983.64	3/4	2,341.32	3/4	2,698.96	3/4	3,056.55	3/4	3,414.13
9	222.78	9	562.95	9	919.45	9	1,275.74	9	1,633.42	9	1,991.09	9	2,348.77	9	2,706.41	9	3,064.00	9	3,421.58
1/4	229.40	1/4	570.39	1/4	926.85	1/4	1,283.19	1/4	1,640.87	1/4	1,998.54	1/4	2,356.22	1/4	2,713.86	1/4	3,071.44	1/4	3,429.03
1/2	236.02	1/2	577.84	1/2	934.24	1/2	1,290.64	1/2	1,648.32	1/2	2,006.00	1/2	2,363.67	1/2	2,721.31	1/2	3,078.89	1/2	3,436.47
3/4	242.65	3/4	585.29	3/4	941.63	3/4	1,298.09	3/4	1,655.77	3/4	2,013.45	3/4	2,371.12	3/4	2,728.76	3/4	3,086.34	3/4	3,443.92
10	249.27	10	592.73	10	949.03	10	1,305.55	10	1,663.22	10	2,020.90	10	2,378.58	10	2,736.21	10	3,093.79	10	3,451.37
1/4	255.98	1/4	600.18	1/4	956.42	1/4	1,313.00	1/4	1,670.67	1/4	2,028.35	1/4	2,386.03	1/4	2,743.66	1/4	3,101.24	1/4	3,458.82
1/2	262.68	1/2	607.64	1/2	963.81	1/2	1,320.45	1/2	1,678.13	1/2	2,035.80	1/2	2,393.48	1/2	2,751.11	1/2	3,108.69	1/2	3,466.27
3/4	269.39	3/4	615.09	3/4	971.20	3/4	1,327.90	3/4	1,685.58	3/4	2,043.25	3/4	2,400.93	3/4	2,758.56	3/4	3,116.14	3/4	3,473.72
11	276.10	11	622.54	11	978.60	11	1,335.35	11	1,693.03	11	2,050.71	11	2,408.38	11	2,766.01	11	3,123.59	11	3,481.17
1/4	282.90	1/4	629.99	1/4	985.99	1/4	1,342.80	1/4	1,700.48	1/4	2,058.16	1/4	2,415.83	1/4	2,773.46	1/4	3,131.04	1/4	3,488.62
1/2	289.69	1/2	637.44	1/2	993.38	1/2	1,350.26	1/2	1,707.93	1/2	2,065.61	1/2	2,423.29	1/2	2,780.91	1/2	3,138.49	1/2	3,496.07
3/4	296.49	3/4	644.89	3/4	1,000.77	3/4	1,357.71	3/4	1,715.38	3/4	2,073.06	3/4	2,430.74	3/4	2,788.36	3/4	3,145.94	3/4	3,503.52

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CTC 29137"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "E2MS 307"

GAUGE HEIGHT 17'-03 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,510.97	0	3,868.55	0	4,225.43	0	4,581.96	0	4,936.69	0		0		0		0		0	
1/4	3,518.42	1/4	3,876.00	1/4	4,232.86	1/4	4,589.39	1/4	4,943.97	1/4		1/4		1/4		1/4		1/4	
1/2	3,525.87	1/2	3,883.45	1/2	4,240.29	1/2	4,596.82	1/2	4,951.26	1/2		1/2		1/2		1/2		1/2	
3/4	3,533.32	3/4	3,890.90	3/4	4,247.71	3/4	4,604.24	3/4	4,958.54	3/4		3/4		3/4		3/4		3/4	
1	3,540.77	1	3,898.35	1	4,255.14	1	4,611.67	1	4,965.83	1		1		1		1		1	
1/4	3,548.22	1/4	3,905.80	1/4	4,262.57	1/4	4,619.10	1/4	4,972.25	1/4		1/4		1/4		1/4		1/4	
1/2	3,555.67	1/2	3,913.25	1/2	4,270.00	1/2	4,626.53	1/2	4,978.68	1/2		1/2		1/2		1/2		1/2	
3/4	3,563.12	3/4	3,920.70	3/4	4,277.43	3/4	4,633.96	3/4	4,985.10	3/4		3/4		3/4		3/4		3/4	
2	3,570.57	2	3,928.15	2	4,284.85	2	4,641.38	2	4,991.53	2		2		2		2		2	
1/4	3,578.02	1/4	3,935.60	1/4	4,292.28	1/4	4,648.81	1/4	4,996.71	1/4		1/4		1/4		1/4		1/4	
1/2	3,585.47	1/2	3,943.05	1/2	4,299.71	1/2	4,656.24	1/2	5,001.89	1/2		1/2		1/2		1/2		1/2	
3/4	3,592.92	3/4	3,950.50	3/4	4,307.14	3/4	4,663.67	3/4	5,007.08	3/4		3/4		3/4		3/4		3/4	
3	3,600.37	3	3,957.95	3	4,314.56	3	4,671.09	3	5,012.26	3		3		3		3		3	
1/4	3,607.82	1/4	3,965.40	1/4	4,321.99	1/4	4,678.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,615.27	1/2	3,972.85	1/2	4,329.42	1/2	4,685.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,622.71	3/4	3,980.30	3/4	4,336.85	3/4	4,693.38	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,630.16	4	3,987.75	4	4,344.28	4	4,700.80	4		4		4		4		4		4	
1/4	3,637.61	1/4	3,995.17	1/4	4,351.70	1/4	4,708.23	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,645.06	1/2	4,002.60	1/2	4,359.13	1/2	4,715.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,652.51	3/4	4,010.03	3/4	4,366.56	3/4	4,723.09	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,659.96	5	4,017.46	5	4,373.99	5	4,730.52	5		5		5		5		5		5	
1/4	3,667.41	1/4	4,024.88	1/4	4,381.41	1/4	4,737.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,674.86	1/2	4,032.31	1/2	4,388.84	1/2	4,745.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,682.31	3/4	4,039.74	3/4	4,396.27	3/4	4,752.80	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,689.76	6	4,047.17	6	4,403.70	6	4,760.23	6		6		6		6		6		6	
1/4	3,697.21	1/4	4,054.59	1/4	4,411.12	1/4	4,767.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,704.66	1/2	4,062.02	1/2	4,418.55	1/2	4,774.94	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,712.11	3/4	4,069.45	3/4	4,425.98	3/4	4,782.29	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,719.56	7	4,076.88	7	4,433.41	7	4,789.65	7		7		7		7		7		7	
1/4	3,727.01	1/4	4,084.31	1/4	4,440.84	1/4	4,797.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,734.46	1/2	4,091.73	1/2	4,448.26	1/2	4,804.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,741.91	3/4	4,099.16	3/4	4,455.69	3/4	4,811.71	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,749.36	8	4,106.59	8	4,463.12	8	4,819.06	8		8		8		8		8		8	
1/4	3,756.81	1/4	4,114.02	1/4	4,470.55	1/4	4,826.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,764.26	1/2	4,121.44	1/2	4,477.97	1/2	4,833.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,771.71	3/4	4,128.87	3/4	4,485.40	3/4	4,841.13	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,779.16	9	4,136.30	9	4,492.83	9	4,848.48	9		9		9		9		9		9	
1/4	3,786.61	1/4	4,143.73	1/4	4,500.26	1/4	4,855.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,794.06	1/2	4,151.15	1/2	4,507.68	1/2	4,863.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,801.51	3/4	4,158.58	3/4	4,515.11	3/4	4,870.55	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,808.95	10	4,166.01	10	4,522.54	10	4,877.91	10		10		10		10		10		10	
1/4	3,816.40	1/4	4,173.44	1/4	4,529.97	1/4	4,885.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,823.85	1/2	4,180.87	1/2	4,537.40	1/2	4,892.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,831.30	3/4	4,188.29	3/4	4,544.82	3/4	4,899.97	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,838.75	11	4,195.72	11	4,552.25	11	4,907.32	11		11		11		11		11		11	
1/4	3,846.20	1/4	4,203.15	1/4	4,559.68	1/4	4,914.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,853.65	1/2	4,210.58	1/2	4,567.11	1/2	4,922.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,861.10	3/4	4,218.00	3/4	4,574.53	3/4	4,929.34	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/04/2017 CL
CALCULATED : 05/05/2017 CL
NAME CHANGE: 10/17/2022 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2022

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



BARGE "CTC 29137"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "E2MS 307"

GAUGE HEIGHT 17'-04"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	15.28	0	303.57	0	653.03	0	1,010.68	0	1,368.62	0	1,726.67	0	2,084.71	0	2,442.76	0	2,800.74	0	3,158.69
1/4	18.33	1/4	310.46	1/4	660.49	1/4	1,018.12	1/4	1,376.08	1/4	1,734.13	1/4	2,092.17	1/4	2,450.22	1/4	2,808.20	1/4	3,166.14
1/2	21.37	1/2	317.35	1/2	667.95	1/2	1,025.57	1/2	1,383.54	1/2	1,741.59	1/2	2,099.63	1/2	2,457.68	1/2	2,815.66	1/2	3,173.60
3/4	24.41	3/4	324.24	3/4	675.41	3/4	1,033.01	3/4	1,391.00	3/4	1,749.05	3/4	2,107.09	3/4	2,465.14	3/4	2,823.12	3/4	3,181.06
1	27.45	1	331.13	1	682.87	1	1,040.46	1	1,398.46	1	1,756.50	1	2,114.55	1	2,472.60	1	2,830.57	1	3,188.51
1/4	32.44	1/4	338.11	1/4	690.33	1/4	1,047.91	1/4	1,405.92	1/4	1,763.96	1/4	2,122.01	1/4	2,480.06	1/4	2,838.03	1/4	3,195.97
1/2	37.43	1/2	345.09	1/2	697.79	1/2	1,055.37	1/2	1,413.38	1/2	1,771.42	1/2	2,129.47	1/2	2,487.52	1/2	2,845.49	1/2	3,203.43
3/4	42.43	3/4	352.06	3/4	705.25	3/4	1,062.82	3/4	1,420.84	3/4	1,778.88	3/4	2,136.93	3/4	2,494.98	3/4	2,852.94	3/4	3,210.89
2	47.42	2	359.04	2	712.71	2	1,070.27	2	1,428.30	2	1,786.34	2	2,144.39	2	2,502.43	2	2,860.40	2	3,218.34
1/4	53.40	1/4	366.11	1/4	720.17	1/4	1,077.73	1/4	1,435.75	1/4	1,793.80	1/4	2,151.85	1/4	2,509.89	1/4	2,867.86	1/4	3,225.80
1/2	59.38	1/2	373.17	1/2	727.63	1/2	1,085.18	1/2	1,443.21	1/2	1,801.26	1/2	2,159.31	1/2	2,517.35	1/2	2,875.32	1/2	3,233.26
3/4	65.36	3/4	380.24	3/4	735.09	3/4	1,092.63	3/4	1,450.67	3/4	1,808.72	3/4	2,166.77	3/4	2,524.81	3/4	2,882.77	3/4	3,240.71
3	71.34	3	387.30	3	742.54	3	1,100.09	3	1,458.13	3	1,816.18	3	2,174.23	3	2,532.27	3	2,890.23	3	3,248.17
1/4	77.43	1/4	394.45	1/4	750.00	1/4	1,107.55	1/4	1,465.59	1/4	1,823.64	1/4	2,181.68	1/4	2,539.73	1/4	2,897.69	1/4	3,255.63
1/2	83.52	1/2	401.61	1/2	757.46	1/2	1,115.00	1/2	1,473.05	1/2	1,831.10	1/2	2,189.14	1/2	2,547.19	1/2	2,905.14	1/2	3,263.09
3/4	89.61	3/4	408.76	3/4	764.92	3/4	1,122.46	3/4	1,480.51	3/4	1,838.56	3/4	2,196.60	3/4	2,554.65	3/4	2,912.60	3/4	3,270.54
4	95.70	4	415.91	4	772.38	4	1,129.92	4	1,487.97	4	1,846.02	4	2,204.06	4	2,562.11	4	2,920.06	4	3,278.00
1/4	101.89	1/4	423.15	1/4	779.84	1/4	1,137.38	1/4	1,495.43	1/4	1,853.48	1/4	2,211.52	1/4	2,569.57	1/4	2,927.52	1/4	3,285.46
1/2	108.08	1/2	430.39	1/2	787.30	1/2	1,144.84	1/2	1,502.89	1/2	1,860.93	1/2	2,218.98	1/2	2,577.03	1/2	2,934.97	1/2	3,292.91
3/4	114.27	3/4	437.63	3/4	794.76	3/4	1,152.30	3/4	1,510.35	3/4	1,868.39	3/4	2,226.44	3/4	2,584.49	3/4	2,942.43	3/4	3,300.37
5	120.46	5	444.87	5	802.22	5	1,159.76	5	1,517.81	5	1,875.85	5	2,233.90	5	2,591.95	5	2,949.89	5	3,307.83
1/4	126.73	1/4	452.20	1/4	809.66	1/4	1,167.22	1/4	1,525.27	1/4	1,883.31	1/4	2,241.36	1/4	2,599.40	1/4	2,957.34	1/4	3,315.28
1/2	133.01	1/2	459.53	1/2	817.11	1/2	1,174.68	1/2	1,532.73	1/2	1,890.77	1/2	2,248.82	1/2	2,606.86	1/2	2,964.80	1/2	3,322.74
3/4	139.29	3/4	466.86	3/4	824.55	3/4	1,182.14	3/4	1,540.18	3/4	1,898.23	3/4	2,256.28	3/4	2,614.32	3/4	2,972.26	3/4	3,330.20
6	145.56	6	474.19	6	832.00	6	1,189.60	6	1,547.64	6	1,905.69	6	2,263.74	6	2,621.77	6	2,979.72	6	3,337.66
1/4	151.93	1/4	481.60	1/4	839.44	1/4	1,197.06	1/4	1,555.10	1/4	1,913.15	1/4	2,271.20	1/4	2,629.23	1/4	2,987.17	1/4	3,345.11
1/2	158.29	1/2	489.02	1/2	846.89	1/2	1,204.52	1/2	1,562.56	1/2	1,920.61	1/2	2,278.66	1/2	2,636.69	1/2	2,994.63	1/2	3,352.57
3/4	164.66	3/4	496.43	3/4	854.33	3/4	1,211.98	3/4	1,570.02	3/4	1,928.07	3/4	2,286.11	3/4	2,644.15	3/4	3,002.09	3/4	3,360.03
7	171.02	7	503.85	7	861.78	7	1,219.43	7	1,577.48	7	1,935.53	7	2,293.57	7	2,651.60	7	3,009.54	7	3,367.48
1/4	177.47	1/4	511.31	1/4	869.22	1/4	1,226.89	1/4	1,584.94	1/4	1,942.99	1/4	2,301.03	1/4	2,659.06	1/4	3,017.00	1/4	3,374.94
1/2	183.93	1/2	518.77	1/2	876.67	1/2	1,234.35	1/2	1,592.40	1/2	1,950.45	1/2	2,308.49	1/2	2,666.52	1/2	3,024.46	1/2	3,382.40
3/4	190.38	3/4	526.22	3/4	884.11	3/4	1,241.81	3/4	1,599.86	3/4	1,957.91	3/4	2,315.95	3/4	2,673.97	3/4	3,031.92	3/4	3,389.86
8	196.83	8	533.68	8	891.56	8	1,249.27	8	1,607.32	8	1,965.36	8	2,323.41	8	2,681.43	8	3,039.37	8	3,397.31
1/4	203.37	1/4	541.14	1/4	899.00	1/4	1,256.73	1/4	1,614.78	1/4	1,972.82	1/4	2,330.87	1/4	2,688.89	1/4	3,046.83	1/4	3,404.77
1/2	209.91	1/2	548.60	1/2	906.45	1/2	1,264.19	1/2	1,622.24	1/2	1,980.28	1/2	2,338.33	1/2	2,696.35	1/2	3,054.29	1/2	3,412.23
3/4	216.45	3/4	556.06	3/4	913.89	3/4	1,271.65	3/4	1,629.70	3/4	1,987.74	3/4	2,345.79	3/4	2,703.80	3/4	3,061.74	3/4	3,419.68
9	222.99	9	563.52	9	921.34	9	1,279.11	9	1,637.16	9	1,995.20	9	2,353.25	9	2,711.26	9	3,069.20	9	3,427.14
1/4	229.62	1/4	570.98	1/4	928.78	1/4	1,286.57	1/4	1,644.62	1/4	2,002.66	1/4	2,360.71	1/4	2,718.72	1/4	3,076.66	1/4	3,434.60
1/2	236.25	1/2	578.44	1/2	936.23	1/2	1,294.03	1/2	1,652.07	1/2	2,010.12	1/2	2,368.17	1/2	2,726.17	1/2	3,084.11	1/2	3,442.06
3/4	242.87	3/4	585.90	3/4	943.67	3/4	1,301.49	3/4	1,659.53	3/4	2,017.58	3/4	2,375.63	3/4	2,733.63	3/4	3,091.57	3/4	3,449.51
10	249.50	10	593.36	10	951.12	10	1,308.95	10	1,666.99	10	2,025.04	10	2,383.09	10	2,741.09	10	3,099.03	10	3,456.97
1/4	256.22	1/4	600.82	1/4	958.56	1/4	1,316.41	1/4	1,674.45	1/4	2,032.50	1/4	2,390.55	1/4	2,748.55	1/4	3,106.49	1/4	3,464.43
1/2	262.93	1/2	608.28	1/2	966.01	1/2	1,323.87	1/2	1,681.91	1/2	2,039.96	1/2	2,398.00	1/2	2,756.00	1/2	3,113.94	1/2	3,471.88
3/4	269.65	3/4	615.74	3/4	973.45	3/4	1,331.32	3/4	1,689.37	3/4	2,047.42	3/4	2,405.46	3/4	2,763.46	3/4	3,121.40	3/4	3,479.34
11	276.36	11	623.20	11	980.90	11	1,338.78	11	1,696.83	11	2,054.88	11	2,412.92	11	2,770.92	11	3,128.86	11	3,486.80
1/4	283.16	1/4	630.66	1/4	988.34	1/4	1,346.24	1/4	1,704.29	1/4	2,062.34	1/4	2,420.38	1/4	2,778.37	1/4	3,136.31	1/4	3,494.26
1/2	289.97	1/2	638.11	1/2	995.79	1/2	1,353.70	1/2	1,711.75	1/2	2,069.80	1/2	2,427.84	1/2	2,785.83	1/2	3,143.77	1/2	3,501.71
3/4	296.77	3/4	645.57	3/4	1,003.23	3/4	1,361.16	3/4	1,719.21	3/4	2,077.25	3/4	2,435.30	3/4	2,793.29	3/4	3,151.23	3/4	3,509.17

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTC 29137"

1 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "E2MS 307"

GAUGE HEIGHT 17'-04"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,516.63	0	3,874.57	0	4,231.81	0	4,588.70	0	4,943.78	0		0		0		0		0	
1/4	3,524.08	1/4	3,882.02	1/4	4,239.25	1/4	4,596.14	1/4	4,951.07	1/4		1/4		1/4		1/4		1/4	
1/2	3,531.54	1/2	3,889.48	1/2	4,246.68	1/2	4,603.58	1/2	4,958.37	1/2		1/2		1/2		1/2		1/2	
3/4	3,539.00	3/4	3,896.94	3/4	4,254.12	3/4	4,611.01	3/4	4,965.66	3/4		3/4		3/4		3/4		3/4	
1	3,546.45	1	3,904.40	1	4,261.55	1	4,618.45	1	4,972.95	1		1		1		1		1	
1/4	3,553.91	1/4	3,911.85	1/4	4,268.99	1/4	4,625.88	1/4	4,979.39	1/4		1/4		1/4		1/4		1/4	
1/2	3,561.37	1/2	3,919.31	1/2	4,276.42	1/2	4,633.32	1/2	4,985.82	1/2		1/2		1/2		1/2		1/2	
3/4	3,568.83	3/4	3,926.77	3/4	4,283.86	3/4	4,640.75	3/4	4,992.25	3/4		3/4		3/4		3/4		3/4	
2	3,576.28	2	3,934.22	2	4,291.29	2	4,648.19	2	4,998.68	2		2		2		2		2	
1/4	3,583.74	1/4	3,941.68	1/4	4,298.73	1/4	4,655.62	1/4	5,003.87	1/4		1/4		1/4		1/4		1/4	
1/2	3,591.20	1/2	3,949.14	1/2	4,306.16	1/2	4,663.06	1/2	5,009.06	1/2		1/2		1/2		1/2		1/2	
3/4	3,598.65	3/4	3,956.60	3/4	4,313.60	3/4	4,670.49	3/4	5,014.24	3/4		3/4		3/4		3/4		3/4	
3	3,606.11	3	3,964.05	3	4,321.03	3	4,677.93	3	5,019.43	3		3		3		3		3	
1/4	3,613.57	1/4	3,971.51	1/4	4,328.47	1/4	4,685.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,621.03	1/2	3,978.97	1/2	4,335.90	1/2	4,692.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,628.48	3/4	3,986.42	3/4	4,343.34	3/4	4,700.23	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,635.94	4	3,993.88	4	4,350.78	4	4,707.67	4		4		4		4		4		4	
1/4	3,643.40	1/4	4,001.32	1/4	4,358.21	1/4	4,715.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,650.85	1/2	4,008.75	1/2	4,365.65	1/2	4,722.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,658.31	3/4	4,016.19	3/4	4,373.08	3/4	4,729.98	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,665.77	5	4,023.62	5	4,380.52	5	4,737.41	5		5		5		5		5		5	
1/4	3,673.23	1/4	4,031.06	1/4	4,387.95	1/4	4,744.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,680.68	1/2	4,038.49	1/2	4,395.39	1/2	4,752.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,688.14	3/4	4,045.93	3/4	4,402.82	3/4	4,759.72	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,695.60	6	4,053.36	6	4,410.26	6	4,767.15	6		6		6		6		6		6	
1/4	3,703.05	1/4	4,060.80	1/4	4,417.69	1/4	4,774.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,710.51	1/2	4,068.23	1/2	4,425.13	1/2	4,781.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,717.97	3/4	4,075.67	3/4	4,432.56	3/4	4,789.24	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,725.43	7	4,083.10	7	4,440.00	7	4,796.60	7		7		7		7		7		7	
1/4	3,732.88	1/4	4,090.54	1/4	4,447.43	1/4	4,803.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,740.34	1/2	4,097.98	1/2	4,454.87	1/2	4,811.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,747.80	3/4	4,105.41	3/4	4,462.30	3/4	4,818.68	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,755.25	8	4,112.85	8	4,469.74	8	4,826.04	8		8		8		8		8		8	
1/4	3,762.71	1/4	4,120.28	1/4	4,477.18	1/4	4,833.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,770.17	1/2	4,127.72	1/2	4,484.61	1/2	4,840.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,777.63	3/4	4,135.15	3/4	4,492.05	3/4	4,848.13	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,785.08	9	4,142.59	9	4,499.48	9	4,855.49	9		9		9		9		9		9	
1/4	3,792.54	1/4	4,150.02	1/4	4,506.92	1/4	4,862.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,800.00	1/2	4,157.46	1/2	4,514.35	1/2	4,870.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,807.45	3/4	4,164.89	3/4	4,521.79	3/4	4,877.58	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,814.91	10	4,172.33	10	4,529.22	10	4,884.95	10		10		10		10		10		10	
1/4	3,822.37	1/4	4,179.76	1/4	4,536.66	1/4	4,892.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,829.82	1/2	4,187.20	1/2	4,544.09	1/2	4,899.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,837.28	3/4	4,194.63	3/4	4,551.53	3/4	4,907.02	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,844.74	11	4,202.07	11	4,558.96	11	4,914.38	11		11		11		11		11		11	
1/4	3,852.20	1/4	4,209.50	1/4	4,566.40	1/4	4,921.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,859.65	1/2	4,216.94	1/2	4,573.83	1/2	4,929.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,867.11	3/4	4,224.38	3/4	4,581.27	3/4	4,936.43	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/04/2017 CL
CALCULATED: 05/05/2017 CL
NAME CHANGE: 10/17/2022 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2022

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



BARGE "CTC 29137"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "E2MS 307"

GAUGE HEIGHT 17'-04"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	15.34	0	359.56	0	718.96	0	1,068.61	0	1,423.25	0	1,782.65	0	2,142.04	0	2,501.44	0	2,860.84	0	3,220.23
1/4	20.02	1/4	367.05	1/4	726.44	1/4	1,075.79	1/4	1,430.74	1/4	1,790.14	1/4	2,149.53	1/4	2,508.93	1/4	2,868.32	1/4	3,227.72
1/2	24.70	1/2	374.53	1/2	733.93	1/2	1,082.97	1/2	1,438.23	1/2	1,797.62	1/2	2,157.02	1/2	2,516.41	1/2	2,875.81	1/2	3,235.21
3/4	29.38	3/4	382.02	3/4	741.42	3/4	1,090.15	3/4	1,445.72	3/4	1,805.11	3/4	2,165.51	3/4	2,524.90	3/4	2,883.30	3/4	3,242.69
1	34.06	1	389.51	1	748.90	1	1,097.33	1	1,453.20	1	1,812.60	1	2,171.99	1	2,531.39	1	2,890.78	1	3,250.18
1/4	40.61	1/4	397.00	1/4	756.39	1/4	1,104.52	1/4	1,460.69	1/4	1,820.09	1/4	2,179.48	1/4	2,538.88	1/4	2,898.27	1/4	3,257.67
1/2	47.16	1/2	404.48	1/2	763.88	1/2	1,111.71	1/2	1,468.18	1/2	1,827.57	1/2	2,186.97	1/2	2,546.36	1/2	2,905.76	1/2	3,265.15
3/4	53.71	3/4	411.97	3/4	771.37	3/4	1,118.90	3/4	1,475.67	3/4	1,835.06	3/4	2,194.46	3/4	2,553.85	3/4	2,913.25	3/4	3,272.64
2	60.26	2	419.46	2	778.85	2	1,126.08	2	1,483.15	2	1,842.55	2	2,201.94	2	2,561.34	2	2,920.73	2	3,280.13
1/4	67.71	1/4	426.95	1/4	786.34	1/4	1,133.27	1/4	1,490.64	1/4	1,850.04	1/4	2,209.43	1/4	2,568.83	1/4	2,928.22	1/4	3,287.62
1/2	75.16	1/2	434.43	1/2	793.83	1/2	1,140.46	1/2	1,498.13	1/2	1,857.52	1/2	2,216.92	1/2	2,576.31	1/2	2,935.71	1/2	3,295.10
3/4	82.61	3/4	441.92	3/4	801.32	3/4	1,147.65	3/4	1,505.62	3/4	1,865.01	3/4	2,224.41	3/4	2,583.80	3/4	2,943.20	3/4	3,302.59
3	90.06	3	449.41	3	808.80	3	1,154.84	3	1,513.10	3	1,872.50	3	2,231.89	3	2,591.29	3	2,950.68	3	3,310.08
1/4	97.54	1/4	456.90	1/4	816.29	1/4	1,162.04	1/4	1,520.59	1/4	1,879.99	1/4	2,239.38	1/4	2,598.78	1/4	2,958.17	1/4	3,317.57
1/2	105.02	1/2	464.38	1/2	823.78	1/2	1,169.25	1/2	1,528.08	1/2	1,887.47	1/2	2,246.87	1/2	2,606.26	1/2	2,965.66	1/2	3,325.05
3/4	112.49	3/4	471.87	3/4	831.27	3/4	1,176.45	3/4	1,535.57	3/4	1,894.96	3/4	2,254.36	3/4	2,613.75	3/4	2,973.15	3/4	3,332.54
4	119.97	4	479.36	4	838.75	4	1,183.66	4	1,543.05	4	1,902.45	4	2,261.84	4	2,621.24	4	2,980.63	4	3,340.03
1/4	127.45	1/4	486.85	1/4	845.96	1/4	1,191.15	1/4	1,550.54	1/4	1,909.94	1/4	2,269.33	1/4	2,628.73	1/4	2,988.12	1/4	3,347.52
1/2	134.94	1/2	494.33	1/2	853.16	1/2	1,198.63	1/2	1,558.03	1/2	1,917.42	1/2	2,276.82	1/2	2,636.21	1/2	2,995.61	1/2	3,355.00
3/4	142.43	3/4	501.82	3/4	860.36	3/4	1,206.12	3/4	1,565.52	3/4	1,924.91	3/4	2,284.31	3/4	2,643.70	3/4	3,003.10	3/4	3,362.49
5	149.91	5	509.31	5	867.57	5	1,213.61	5	1,573.00	5	1,932.40	5	2,291.79	5	2,651.19	5	3,010.58	5	3,369.98
1/4	157.40	1/4	516.80	1/4	874.75	1/4	1,221.09	1/4	1,580.49	1/4	1,939.89	1/4	2,299.28	1/4	2,658.68	1/4	3,018.07	1/4	3,377.47
1/2	164.89	1/2	524.28	1/2	881.93	1/2	1,228.58	1/2	1,587.98	1/2	1,947.37	1/2	2,306.77	1/2	2,666.16	1/2	3,025.56	1/2	3,384.95
3/4	172.38	3/4	531.77	3/4	889.11	3/4	1,236.07	3/4	1,595.46	3/4	1,954.86	3/4	2,314.26	3/4	2,673.65	3/4	3,033.05	3/4	3,392.44
6	179.86	6	539.26	6	896.29	6	1,243.56	6	1,602.95	6	1,962.35	6	2,321.74	6	2,681.14	6	3,040.53	6	3,399.93
1/4	187.35	1/4	546.74	1/4	903.47	1/4	1,251.04	1/4	1,610.44	1/4	1,969.83	1/4	2,329.23	1/4	2,688.63	1/4	3,048.02	1/4	3,407.42
1/2	194.84	1/2	554.23	1/2	910.65	1/2	1,258.53	1/2	1,617.93	1/2	1,977.32	1/2	2,336.72	1/2	2,696.11	1/2	3,055.51	1/2	3,414.90
3/4	202.32	3/4	561.72	3/4	917.83	3/4	1,266.02	3/4	1,625.41	3/4	1,984.81	3/4	2,344.20	3/4	2,703.60	3/4	3,062.99	3/4	3,422.39
7	209.81	7	569.21	7	925.01	7	1,273.51	7	1,632.90	7	1,992.30	7	2,351.69	7	2,711.09	7	3,070.48	7	3,429.88
1/4	217.30	1/4	576.69	1/4	932.19	1/4	1,280.99	1/4	1,640.39	1/4	1,999.78	1/4	2,359.18	1/4	2,718.57	1/4	3,077.97	1/4	3,437.36
1/2	224.79	1/2	584.18	1/2	939.37	1/2	1,288.48	1/2	1,647.88	1/2	2,007.27	1/2	2,366.67	1/2	2,726.06	1/2	3,085.46	1/2	3,444.85
3/4	232.27	3/4	591.67	3/4	946.55	3/4	1,295.97	3/4	1,655.36	3/4	2,014.76	3/4	2,374.15	3/4	2,733.55	3/4	3,092.94	3/4	3,452.34
8	239.76	8	599.16	8	953.73	8	1,303.46	8	1,662.85	8	2,022.25	8	2,381.64	8	2,741.04	8	3,100.43	8	3,459.83
1/4	247.25	1/4	606.64	1/4	960.91	1/4	1,310.94	1/4	1,670.34	1/4	2,029.73	1/4	2,389.13	1/4	2,748.52	1/4	3,107.92	1/4	3,467.31
1/2	254.74	1/2	614.13	1/2	968.09	1/2	1,318.43	1/2	1,677.83	1/2	2,037.22	1/2	2,396.62	1/2	2,756.01	1/2	3,115.41	1/2	3,474.80
3/4	262.22	3/4	621.62	3/4	975.27	3/4	1,325.92	3/4	1,685.31	3/4	2,044.71	3/4	2,404.10	3/4	2,763.50	3/4	3,122.89	3/4	3,482.29
9	269.71	9	629.11	9	982.45	9	1,333.41	9	1,692.80	9	2,052.20	9	2,411.59	9	2,770.99	9	3,130.38	9	3,489.78
1/4	277.20	1/4	636.59	1/4	989.63	1/4	1,340.89	1/4	1,700.29	1/4	2,059.68	1/4	2,419.08	1/4	2,778.47	1/4	3,137.87	1/4	3,497.26
1/2	284.69	1/2	644.08	1/2	996.81	1/2	1,348.38	1/2	1,707.78	1/2	2,067.17	1/2	2,426.57	1/2	2,785.96	1/2	3,145.36	1/2	3,504.75
3/4	292.17	3/4	651.57	3/4	1,003.99	3/4	1,355.87	3/4	1,715.26	3/4	2,074.66	3/4	2,434.05	3/4	2,793.45	3/4	3,152.84	3/4	3,512.24
10	299.66	10	659.06	10	1,011.17	10	1,363.36	10	1,722.75	10	2,082.15	10	2,441.54	10	2,800.94	10	3,160.33	10	3,519.73
1/4	307.15	1/4	666.54	1/4	1,018.35	1/4	1,370.84	1/4	1,730.24	1/4	2,089.63	1/4	2,449.03	1/4	2,808.42	1/4	3,167.82	1/4	3,527.21
1/2	314.64	1/2	674.03	1/2	1,025.53	1/2	1,378.33	1/2	1,737.73	1/2	2,097.12	1/2	2,456.52	1/2	2,815.91	1/2	3,175.31	1/2	3,534.70
3/4	322.12	3/4	681.52	3/4	1,032.71	3/4	1,385.82	3/4	1,745.21	3/4	2,104.61	3/4	2,464.00	3/4	2,823.40	3/4	3,182.79	3/4	3,542.19
11	329.61	11	689.01	11	1,039.89	11	1,393.30	11	1,752.70	11	2,112.10	11	2,471.49	11	2,830.89	11	3,190.28	11	3,549.68
1/4	337.10	1/4	696.49	1/4	1,047.07	1/4	1,400.79	1/4	1,760.19	1/4	2,119.58	1/4	2,478.98	1/4	2,838.37	1/4	3,197.77	1/4	3,557.16
1/2	344.59	1/2	703.98	1/2	1,054.25	1/2	1,408.28	1/2	1,767.67	1/2	2,127.07	1/2	2,486.47	1/2	2,845.86	1/2	3,205.26	1/2	3,564.65
3/4	352.07	3/4	711.47	3/4	1,061.43	3/4	1,415.77	3/4	1,775.16	3/4	2,134.56	3/4	2,493.95	3/4	2,853.35	3/4	3,212.74	3/4	3,572.14

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "CTC 29137"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "E2MS 307"

GAUGE HEIGHT 17'-04"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,579.63	0	3,939.02	0	4,297.71	0	4,656.05	0	5,012.73	0		0		0		0		0	
1/4	3,587.11	1/4	3,946.51	1/4	4,305.18	1/4	4,663.52	1/4	5,020.06	1/4		1/4		1/4		1/4		1/4	
1/2	3,594.60	1/2	3,954.00	1/2	4,312.64	1/2	4,670.98	1/2	5,027.39	1/2		1/2		1/2		1/2		1/2	
3/4	3,602.09	3/4	3,961.48	3/4	4,320.11	3/4	4,678.45	3/4	5,034.72	3/4		3/4		3/4		3/4		3/4	
1	3,609.58	1	3,968.97	1	4,327.57	1	4,685.91	1	5,042.05	1		1		1		1		1	
1/4	3,617.06	1/4	3,976.46	1/4	4,335.04	1/4	4,693.38	1/4	5,048.51	1/4		1/4		1/4		1/4		1/4	
1/2	3,624.55	1/2	3,983.95	1/2	4,342.50	1/2	4,700.84	1/2	5,054.97	1/2		1/2		1/2		1/2		1/2	
3/4	3,632.04	3/4	3,991.43	3/4	4,349.97	3/4	4,708.31	3/4	5,061.44	3/4		3/4		3/4		3/4		3/4	
2	3,639.52	2	3,998.92	2	4,357.44	2	4,715.77	2	5,067.90	2		2		2		2		2	
1/4	3,647.01	1/4	4,006.41	1/4	4,364.90	1/4	4,723.24	1/4	5,073.12	1/4		1/4		1/4		1/4		1/4	
1/2	3,654.50	1/2	4,013.89	1/2	4,372.37	1/2	4,730.71	1/2	5,078.33	1/2		1/2		1/2		1/2		1/2	
3/4	3,661.99	3/4	4,021.38	3/4	4,379.83	3/4	4,738.17	3/4	5,083.55	3/4		3/4		3/4		3/4		3/4	
3	3,669.47	3	4,028.87	3	4,387.30	3	4,745.64	3	5,088.76	3		3		3		3		3	
1/4	3,676.96	1/4	4,036.36	1/4	4,394.76	1/4	4,753.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,684.45	1/2	4,043.84	1/2	4,402.23	1/2	4,760.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,691.94	3/4	4,051.33	3/4	4,409.69	3/4	4,768.03	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,699.42	4	4,058.82	4	4,417.16	4	4,775.50	4	4	4		4		4		4		4	
1/4	3,706.91	1/4	4,066.28	1/4	4,424.62	1/4	4,782.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,714.40	1/2	4,073.75	1/2	4,432.09	1/2	4,790.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,721.89	3/4	4,081.22	3/4	4,439.55	3/4	4,797.89	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,729.37	5	4,088.68	5	4,447.02	5	4,805.36	5	5	5		5		5		5		5	
1/4	3,736.86	1/4	4,096.15	1/4	4,454.49	1/4	4,812.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,744.35	1/2	4,103.61	1/2	4,461.95	1/2	4,820.29	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,751.84	3/4	4,111.08	3/4	4,469.42	3/4	4,827.76	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,759.32	6	4,118.54	6	4,476.88	6	4,835.22	6	6	6		6		6		6		6	
1/4	3,766.81	1/4	4,126.01	1/4	4,484.35	1/4	4,842.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,774.30	1/2	4,133.47	1/2	4,491.81	1/2	4,850.02	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,781.79	3/4	4,140.94	3/4	4,499.28	3/4	4,857.42	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,789.27	7	4,148.40	7	4,506.74	7	4,864.82	7	7	7		7		7		7		7	
1/4	3,796.76	1/4	4,155.87	1/4	4,514.21	1/4	4,872.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,804.25	1/2	4,163.33	1/2	4,521.67	1/2	4,879.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,811.73	3/4	4,170.80	3/4	4,529.14	3/4	4,887.02	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,819.22	8	4,178.27	8	4,536.60	8	4,894.42	8	8	8		8		8		8		8	
1/4	3,826.71	1/4	4,185.73	1/4	4,544.07	1/4	4,901.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,834.20	1/2	4,193.20	1/2	4,551.54	1/2	4,909.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,841.68	3/4	4,200.66	3/4	4,559.00	3/4	4,916.62	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,849.17	9	4,208.13	9	4,566.47	9	4,924.01	9	9	9		9		9		9		9	
1/4	3,856.66	1/4	4,215.59	1/4	4,573.93	1/4	4,931.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,864.15	1/2	4,223.06	1/2	4,581.40	1/2	4,938.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,871.63	3/4	4,230.52	3/4	4,588.86	3/4	4,946.21	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,879.12	10	4,237.99	10	4,596.33	10	4,953.61	10	10	10		10		10		10		10	
1/4	3,886.61	1/4	4,245.45	1/4	4,603.79	1/4	4,961.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,894.10	1/2	4,252.92	1/2	4,611.26	1/2	4,968.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,901.58	3/4	4,260.38	3/4	4,618.72	3/4	4,975.80	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,909.07	11	4,267.85	11	4,626.19	11	4,983.19	11	11	11		11		11		11		11	
1/4	3,916.56	1/4	4,275.32	1/4	4,633.66	1/4	4,990.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,924.05	1/2	4,282.78	1/2	4,641.12	1/2	4,997.96	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,931.53	3/4	4,290.25	3/4	4,648.59	3/4	5,005.35	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/04/2017 CL
CALCULATED : 05/05/2017 CL
NAME CHANGE: 10/17/2022 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2022

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



BARGE "CTC 29137"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "E2MS 307"

GAUGE HEIGHT 17'-03 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	15.34	0	359.65	0	719.13	0	1,078.21	0	1,437.59	0	1,797.07	0	2,156.55	0	2,516.03	0	2,875.45	0	3,234.82
1/4	20.02	1/4	367.14	1/4	726.62	1/4	1,085.68	1/4	1,445.08	1/4	1,804.56	1/4	2,164.04	1/4	2,523.52	1/4	2,882.93	1/4	3,242.31
1/2	24.70	1/2	374.63	1/2	734.11	1/2	1,093.16	1/2	1,452.56	1/2	1,812.05	1/2	2,171.53	1/2	2,531.01	1/2	2,890.42	1/2	3,249.79
3/4	29.39	3/4	382.11	3/4	741.60	3/4	1,100.63	3/4	1,460.05	3/4	1,819.54	3/4	2,179.02	3/4	2,538.50	3/4	2,897.91	3/4	3,257.28
1	34.07	1	389.60	1	749.09	1	1,108.11	1	1,467.54	1	1,827.02	1	2,186.51	1	2,545.99	1	2,905.40	1	3,264.77
1/4	40.62	1/4	397.09	1/4	756.57	1/4	1,115.59	1/4	1,475.03	1/4	1,834.51	1/4	2,194.00	1/4	2,553.48	1/4	2,912.88	1/4	3,272.25
1/2	47.17	1/2	404.58	1/2	764.06	1/2	1,123.07	1/2	1,482.52	1/2	1,842.00	1/2	2,201.48	1/2	2,560.97	1/2	2,920.37	1/2	3,279.74
3/4	53.72	3/4	412.07	3/4	771.55	3/4	1,130.56	3/4	1,490.01	3/4	1,849.49	3/4	2,208.97	3/4	2,568.46	3/4	2,927.86	3/4	3,287.23
2	60.27	2	419.56	2	779.04	2	1,138.04	2	1,497.50	2	1,856.98	2	2,216.46	2	2,575.94	2	2,935.34	2	3,294.71
1/4	67.73	1/4	427.05	1/4	786.53	1/4	1,145.52	1/4	1,504.99	1/4	1,864.47	1/4	2,223.95	1/4	2,583.43	1/4	2,942.83	1/4	3,302.20
1/2	75.18	1/2	434.54	1/2	794.02	1/2	1,153.01	1/2	1,512.48	1/2	1,871.96	1/2	2,231.44	1/2	2,590.92	1/2	2,950.32	1/2	3,309.69
3/4	82.63	3/4	442.03	3/4	801.51	3/4	1,160.49	3/4	1,519.97	3/4	1,879.45	3/4	2,238.93	3/4	2,598.41	3/4	2,957.80	3/4	3,317.18
3	90.08	3	449.52	3	809.00	3	1,167.97	3	1,527.46	3	1,886.94	3	2,246.42	3	2,605.90	3	2,965.29	3	3,324.66
1/4	97.56	1/4	457.01	1/4	816.49	1/4	1,175.46	1/4	1,534.95	1/4	1,894.43	1/4	2,253.91	1/4	2,613.39	1/4	2,972.78	1/4	3,332.15
1/2	105.04	1/2	464.50	1/2	823.98	1/2	1,182.95	1/2	1,542.43	1/2	1,901.92	1/2	2,261.40	1/2	2,620.88	1/2	2,980.26	1/2	3,339.64
3/4	112.52	3/4	471.98	3/4	831.47	3/4	1,190.44	3/4	1,549.92	3/4	1,909.41	3/4	2,268.89	3/4	2,628.37	3/4	2,987.75	3/4	3,347.12
4	120.00	4	479.47	4	838.96	4	1,197.93	4	1,557.41	4	1,916.89	4	2,276.38	4	2,635.86	4	2,995.24	4	3,354.61
1/4	127.49	1/4	486.96	1/4	846.44	1/4	1,205.42	1/4	1,564.90	1/4	1,924.38	1/4	2,283.87	1/4	2,643.35	1/4	3,002.73	1/4	3,362.10
1/2	134.97	1/2	494.45	1/2	853.93	1/2	1,212.91	1/2	1,572.39	1/2	1,931.87	1/2	2,291.35	1/2	2,650.84	1/2	3,010.21	1/2	3,369.58
3/4	142.46	3/4	501.94	3/4	861.42	3/4	1,220.40	3/4	1,579.88	3/4	1,939.36	3/4	2,298.84	3/4	2,658.33	3/4	3,017.70	3/4	3,377.07
5	149.95	5	509.43	5	868.91	5	1,227.89	5	1,587.37	5	1,946.85	5	2,306.33	5	2,665.81	5	3,025.19	5	3,384.56
1/4	157.44	1/4	516.92	1/4	876.39	1/4	1,235.38	1/4	1,594.86	1/4	1,954.34	1/4	2,313.82	1/4	2,673.30	1/4	3,032.67	1/4	3,392.04
1/2	164.93	1/2	524.41	1/2	883.88	1/2	1,242.87	1/2	1,602.35	1/2	1,961.83	1/2	2,321.31	1/2	2,680.79	1/2	3,040.16	1/2	3,399.53
3/4	172.42	3/4	531.90	3/4	891.34	3/4	1,250.36	3/4	1,609.84	3/4	1,969.32	3/4	2,328.80	3/4	2,688.28	3/4	3,047.65	3/4	3,407.02
6	179.91	6	539.39	6	898.81	6	1,257.85	6	1,617.33	6	1,976.81	6	2,336.29	6	2,695.76	6	3,055.13	6	3,414.50
1/4	187.40	1/4	546.88	1/4	906.29	1/4	1,265.33	1/4	1,624.82	1/4	1,984.30	1/4	2,343.78	1/4	2,703.25	1/4	3,062.62	1/4	3,421.99
1/2	194.88	1/2	554.37	1/2	913.76	1/2	1,272.82	1/2	1,632.31	1/2	1,991.79	1/2	2,351.27	1/2	2,710.74	1/2	3,070.11	1/2	3,429.48
3/4	202.37	3/4	561.86	3/4	921.24	3/4	1,280.31	3/4	1,639.79	3/4	1,999.28	3/4	2,358.76	3/4	2,718.22	3/4	3,077.59	3/4	3,436.97
7	209.86	7	569.34	7	928.71	7	1,287.80	7	1,647.28	7	2,006.77	7	2,366.25	7	2,725.71	7	3,085.08	7	3,444.45
1/4	217.35	1/4	576.83	1/4	936.19	1/4	1,295.29	1/4	1,654.77	1/4	2,014.25	1/4	2,373.74	1/4	2,733.20	1/4	3,092.57	1/4	3,451.94
1/2	224.84	1/2	584.32	1/2	943.66	1/2	1,302.78	1/2	1,662.26	1/2	2,021.74	1/2	2,381.23	1/2	2,740.68	1/2	3,100.06	1/2	3,459.43
3/4	232.33	3/4	591.81	3/4	951.14	3/4	1,310.27	3/4	1,669.75	3/4	2,029.23	3/4	2,388.71	3/4	2,748.17	3/4	3,107.54	3/4	3,466.91
8	239.82	8	599.30	8	958.61	8	1,317.76	8	1,677.24	8	2,036.72	8	2,396.20	8	2,755.66	8	3,115.03	8	3,474.40
1/4	247.31	1/4	606.79	1/4	966.08	1/4	1,325.25	1/4	1,684.73	1/4	2,044.21	1/4	2,403.69	1/4	2,763.14	1/4	3,122.52	1/4	3,481.89
1/2	254.80	1/2	614.28	1/2	973.56	1/2	1,332.74	1/2	1,692.22	1/2	2,051.70	1/2	2,411.18	1/2	2,770.63	1/2	3,130.00	1/2	3,489.37
3/4	262.29	3/4	621.77	3/4	981.03	3/4	1,340.23	3/4	1,699.71	3/4	2,059.19	3/4	2,418.67	3/4	2,778.12	3/4	3,137.49	3/4	3,496.86
9	269.78	9	629.26	9	988.51	9	1,347.72	9	1,707.20	9	2,066.68	9	2,426.16	9	2,785.61	9	3,144.98	9	3,504.35
1/4	277.27	1/4	636.75	1/4	995.98	1/4	1,355.20	1/4	1,714.69	1/4	2,074.17	1/4	2,433.65	1/4	2,793.09	1/4	3,152.46	1/4	3,511.83
1/2	284.75	1/2	644.24	1/2	1,003.46	1/2	1,362.69	1/2	1,722.18	1/2	2,081.66	1/2	2,441.14	1/2	2,800.58	1/2	3,159.95	1/2	3,519.32
3/4	292.24	3/4	651.73	3/4	1,010.93	3/4	1,370.18	3/4	1,729.66	3/4	2,089.15	3/4	2,448.63	3/4	2,808.07	3/4	3,167.44	3/4	3,526.81
10	299.73	10	659.21	10	1,018.41	10	1,377.67	10	1,737.15	10	2,096.64	10	2,456.12	10	2,815.55	10	3,174.92	10	3,534.30
1/4	307.22	1/4	666.70	1/4	1,025.88	1/4	1,385.16	1/4	1,744.64	1/4	2,104.12	1/4	2,463.61	1/4	2,823.04	1/4	3,182.41	1/4	3,541.78
1/2	314.71	1/2	674.19	1/2	1,033.36	1/2	1,392.65	1/2	1,752.13	1/2	2,111.61	1/2	2,471.10	1/2	2,830.53	1/2	3,189.90	1/2	3,549.27
3/4	322.20	3/4	681.68	3/4	1,040.83	3/4	1,400.14	3/4	1,759.62	3/4	2,119.10	3/4	2,478.58	3/4	2,838.01	3/4	3,197.38	3/4	3,556.76
11	329.69	11	689.17	11	1,048.31	11	1,407.63	11	1,767.11	11	2,126.59	11	2,486.07	11	2,845.50	11	3,204.87	11	3,564.24
1/4	337.18	1/4	696.66	1/4	1,055.78	1/4	1,415.12	1/4	1,774.60	1/4	2,134.08	1/4	2,493.56	1/4	2,852.99	1/4	3,212.36	1/4	3,571.73
1/2	344.67	1/2	704.15	1/2	1,063.26	1/2	1,422.61	1/2	1,782.09	1/2	2,141.57	1/2	2,501.05	1/2	2,860.47	1/2	3,219.85	1/2	3,579.22
3/4	352.16	3/4	711.64	3/4	1,070.73	3/4	1,430.10	3/4	1,789.58	3/4	2,149.06	3/4	2,508.54	3/4	2,867.96	3/4	3,227.33	3/4	3,586.70

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "CTC 29137"

2 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "E2MS 307"

GAUGE HEIGHT 17'-03 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,594.19	0	3,953.56	0	4,312.25	0	4,670.59	0	5,027.12	0		0		0		0		0	
1/4	3,601.68	1/4	3,961.05	1/4	4,319.71	1/4	4,678.06	1/4	5,034.44	1/4		1/4		1/4		1/4		1/4	
1/2	3,609.16	1/2	3,968.54	1/2	4,327.18	1/2	4,685.52	1/2	5,041.76	1/2		1/2		1/2		1/2		1/2	
3/4	3,616.65	3/4	3,976.02	3/4	4,334.64	3/4	4,692.99	3/4	5,049.09	3/4		3/4		3/4		3/4		3/4	
1	3,624.14	1	3,983.51	1	4,342.11	1	4,700.45	1	5,056.41	1		1		1		1		1	
1/4	3,631.62	1/4	3,991.00	1/4	4,349.58	1/4	4,707.92	1/4	5,062.87	1/4		1/4		1/4		1/4		1/4	
1/2	3,639.11	1/2	3,998.48	1/2	4,357.04	1/2	4,715.39	1/2	5,069.33	1/2		1/2		1/2		1/2		1/2	
3/4	3,646.60	3/4	4,005.97	3/4	4,364.51	3/4	4,722.85	3/4	5,075.78	3/4		3/4		3/4		3/4		3/4	
2	3,654.09	2	4,013.46	2	4,371.97	2	4,730.32	2	5,082.24	2		2		2		2		2	
1/4	3,661.57	1/4	4,020.94	1/4	4,379.44	1/4	4,737.78	1/4	5,087.45	1/4		1/4		1/4		1/4		1/4	
1/2	3,669.06	1/2	4,028.43	1/2	4,386.90	1/2	4,745.25	1/2	5,092.66	1/2		1/2		1/2		1/2		1/2	
3/4	3,676.55	3/4	4,035.92	3/4	4,394.37	3/4	4,752.71	3/4	5,097.87	3/4		3/4		3/4		3/4		3/4	
3	3,684.03	3	4,043.40	3	4,401.83	3	4,760.18	3	5,103.08	3		3		3		3		3	
1/4	3,691.52	1/4	4,050.89	1/4	4,409.30	1/4	4,767.64	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,699.01	1/2	4,058.38	1/2	4,416.77	1/2	4,775.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,706.49	3/4	4,065.87	3/4	4,424.23	3/4	4,782.57	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,713.98	4	4,073.35	4	4,431.70	4	4,790.04	4	4	4		4		4		4		4	
1/4	3,721.47	1/4	4,080.82	1/4	4,439.16	1/4	4,797.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,728.95	1/2	4,088.28	1/2	4,446.63	1/2	4,804.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,736.44	3/4	4,095.75	3/4	4,454.09	3/4	4,812.44	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,743.93	5	4,103.21	5	4,461.56	5	4,819.90	5	5	5		5		5		5		5	
1/4	3,751.42	1/4	4,110.68	1/4	4,469.02	1/4	4,827.37	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,758.90	1/2	4,118.15	1/2	4,476.49	1/2	4,834.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,766.39	3/4	4,125.61	3/4	4,483.95	3/4	4,842.30	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,773.88	6	4,133.08	6	4,491.42	6	4,849.76	6	6	6		6		6		6		6	
1/4	3,781.36	1/4	4,140.54	1/4	4,498.89	1/4	4,857.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,788.85	1/2	4,148.01	1/2	4,506.35	1/2	4,864.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,796.34	3/4	4,155.47	3/4	4,513.82	3/4	4,871.94	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,803.82	7	4,162.94	7	4,521.28	7	4,879.33	7	7	7		7		7		7		7	
1/4	3,811.31	1/4	4,170.40	1/4	4,528.75	1/4	4,886.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,818.80	1/2	4,177.87	1/2	4,536.21	1/2	4,894.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,826.28	3/4	4,185.33	3/4	4,543.68	3/4	4,901.50	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,833.77	8	4,192.80	8	4,551.14	8	4,908.90	8	8	8		8		8		8		8	
1/4	3,841.26	1/4	4,200.27	1/4	4,558.61	1/4	4,916.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,848.75	1/2	4,207.73	1/2	4,566.08	1/2	4,923.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,856.23	3/4	4,215.20	3/4	4,573.54	3/4	4,931.07	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,863.72	9	4,222.66	9	4,581.01	9	4,938.46	9	9	9		9		9		9		9	
1/4	3,871.21	1/4	4,230.13	1/4	4,588.47	1/4	4,945.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,878.69	1/2	4,237.59	1/2	4,595.94	1/2	4,953.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,886.18	3/4	4,245.06	3/4	4,603.40	3/4	4,960.64	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,893.67	10	4,252.52	10	4,610.87	10	4,968.04	10	10	10		10		10		10		10	
1/4	3,901.15	1/4	4,259.99	1/4	4,618.33	1/4	4,975.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,908.64	1/2	4,267.46	1/2	4,625.80	1/2	4,982.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,916.13	3/4	4,274.92	3/4	4,633.26	3/4	4,990.21	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,923.61	11	4,282.39	11	4,640.73	11	4,997.60	11	11	11		11		11		11		11	
1/4	3,931.10	1/4	4,289.85	1/4	4,648.20	1/4	5,004.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,938.59	1/2	4,297.32	1/2	4,655.66	1/2	5,012.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,946.07	3/4	4,304.78	3/4	4,663.13	3/4	5,019.74	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/04/2017 CL
CALCULATED : 05/05/2017 CL
NAME CHANGE: 10/17/2022 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2022

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



BARGE "CTC 29137"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "E2MS 307"

GAUGE HEIGHT 17'-04"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	15.27	0	357.74	0	714.84	0	1,062.29	0	1,415.40	0	1,772.20	0	2,128.27	0	2,485.06	0	2,841.56	0	3,198.03
1/4	19.92	1/4	365.18	1/4	722.28	1/4	1,069.44	1/4	1,422.83	1/4	1,779.62	1/4	2,135.70	1/4	2,492.48	1/4	2,848.98	1/4	3,205.43
1/2	24.58	1/2	372.62	1/2	729.72	1/2	1,076.58	1/2	1,430.27	1/2	1,787.03	1/2	2,143.13	1/2	2,499.91	1/2	2,856.41	1/2	3,212.83
3/4	29.24	3/4	380.06	3/4	737.16	3/4	1,083.72	3/4	1,437.70	3/4	1,794.45	3/4	2,150.56	3/4	2,507.34	3/4	2,863.84	3/4	3,220.23
1	33.90	1	387.50	1	744.60	1	1,090.87	1	1,445.14	1	1,801.87	1	2,158.00	1	2,514.77	1	2,871.26	1	3,227.63
1/4	40.41	1/4	394.94	1/4	752.04	1/4	1,098.08	1/4	1,452.57	1/4	1,809.29	1/4	2,165.43	1/4	2,522.20	1/4	2,878.69	1/4	3,235.02
1/2	46.93	1/2	402.37	1/2	759.48	1/2	1,105.29	1/2	1,460.01	1/2	1,816.71	1/2	2,172.86	1/2	2,529.62	1/2	2,886.12	1/2	3,242.42
3/4	53.45	3/4	409.81	3/4	766.92	3/4	1,112.51	3/4	1,467.44	3/4	1,824.13	3/4	2,180.29	3/4	2,537.05	3/4	2,893.54	3/4	3,249.82
2	59.97	2	417.25	2	774.36	2	1,119.72	2	1,474.88	2	1,831.54	2	2,187.72	2	2,544.48	2	2,900.97	2	3,257.22
1/4	67.38	1/4	424.69	1/4	781.80	1/4	1,126.94	1/4	1,482.31	1/4	1,838.96	1/4	2,195.15	1/4	2,551.91	1/4	2,908.40	1/4	3,264.62
1/2	74.80	1/2	432.13	1/2	789.24	1/2	1,134.15	1/2	1,489.74	1/2	1,846.38	1/2	2,202.58	1/2	2,559.33	1/2	2,915.82	1/2	3,272.02
3/4	82.22	3/4	439.57	3/4	796.68	3/4	1,141.36	3/4	1,497.18	3/4	1,853.80	3/4	2,210.01	3/4	2,566.76	3/4	2,923.25	3/4	3,279.41
3	89.63	3	447.01	3	804.12	3	1,148.58	3	1,504.61	3	1,861.22	3	2,217.45	3	2,574.19	3	2,930.68	3	3,286.81
1/4	97.07	1/4	454.45	1/4	811.49	1/4	1,155.80	1/4	1,512.05	1/4	1,868.64	1/4	2,224.88	1/4	2,581.62	1/4	2,938.10	1/4	3,294.21
1/2	104.51	1/2	461.89	1/2	818.87	1/2	1,163.03	1/2	1,519.48	1/2	1,876.05	1/2	2,232.31	1/2	2,589.05	1/2	2,945.53	1/2	3,301.61
3/4	111.95	3/4	469.33	3/4	826.25	3/4	1,170.26	3/4	1,526.92	3/4	1,883.47	3/4	2,239.74	3/4	2,596.47	3/4	2,952.96	3/4	3,309.01
4	119.39	4	476.77	4	833.62	4	1,177.49	4	1,534.35	4	1,890.89	4	2,247.17	4	2,603.90	4	2,960.38	4	3,316.40
1/4	126.84	1/4	484.21	1/4	840.79	1/4	1,184.92	1/4	1,541.79	1/4	1,898.31	1/4	2,254.60	1/4	2,611.33	1/4	2,967.81	1/4	3,323.80
1/2	134.29	1/2	491.65	1/2	847.95	1/2	1,192.36	1/2	1,549.22	1/2	1,905.73	1/2	2,262.03	1/2	2,618.76	1/2	2,975.24	1/2	3,331.20
3/4	141.74	3/4	499.09	3/4	855.12	3/4	1,199.79	3/4	1,556.66	3/4	1,913.15	3/4	2,269.47	3/4	2,626.19	3/4	2,982.66	3/4	3,338.60
5	149.19	5	506.53	5	862.28	5	1,207.23	5	1,564.09	5	1,920.56	5	2,276.90	5	2,633.61	5	2,990.09	5	3,346.00
1/4	156.64	1/4	513.97	1/4	869.43	1/4	1,214.66	1/4	1,571.53	1/4	1,927.98	1/4	2,284.33	1/4	2,641.04	1/4	2,997.52	1/4	3,353.39
1/2	164.10	1/2	521.41	1/2	876.57	1/2	1,222.10	1/2	1,578.96	1/2	1,935.40	1/2	2,291.77	1/2	2,648.47	1/2	3,004.94	1/2	3,360.78
3/4	171.55	3/4	528.85	3/4	883.71	3/4	1,229.53	3/4	1,586.40	3/4	1,942.82	3/4	2,299.21	3/4	2,655.89	3/4	3,012.37	3/4	3,368.18
6	179.00	6	536.29	6	890.86	6	1,236.96	6	1,593.83	6	1,950.24	6	2,306.64	6	2,663.32	6	3,019.80	6	3,375.57
1/4	186.45	1/4	543.73	1/4	898.00	1/4	1,244.40	1/4	1,601.27	1/4	1,957.66	1/4	2,314.08	1/4	2,670.75	1/4	3,027.22	1/4	3,382.96
1/2	193.90	1/2	551.17	1/2	905.14	1/2	1,251.83	1/2	1,608.70	1/2	1,965.07	1/2	2,321.52	1/2	2,678.17	1/2	3,034.65	1/2	3,390.34
3/4	201.35	3/4	558.61	3/4	912.29	3/4	1,259.27	3/4	1,616.13	3/4	1,972.49	3/4	2,328.95	3/4	2,685.60	3/4	3,042.08	3/4	3,397.73
7	208.80	7	566.05	7	919.43	7	1,266.70	7	1,623.57	7	1,979.91	7	2,336.39	7	2,693.03	7	3,049.50	7	3,405.11
1/4	216.25	1/4	573.49	1/4	926.57	1/4	1,274.14	1/4	1,631.00	1/4	1,987.33	1/4	2,343.83	1/4	2,700.45	1/4	3,056.93	1/4	3,412.27
1/2	223.71	1/2	580.93	1/2	933.72	1/2	1,281.57	1/2	1,638.44	1/2	1,994.75	1/2	2,351.27	1/2	2,707.88	1/2	3,064.36	1/2	3,419.43
3/4	231.16	3/4	588.37	3/4	940.86	3/4	1,289.01	3/4	1,645.87	3/4	2,002.17	3/4	2,358.70	3/4	2,715.31	3/4	3,071.78	3/4	3,426.58
8	238.61	8	595.81	8	948.00	8	1,296.44	8	1,653.31	8	2,009.58	8	2,366.14	8	2,722.73	8	3,079.21	8	3,433.74
1/4	246.06	1/4	603.25	1/4	955.15	1/4	1,303.88	1/4	1,660.74	1/4	2,017.00	1/4	2,373.58	1/4	2,730.16	1/4	3,086.64	1/4	3,440.42
1/2	253.51	1/2	610.69	1/2	962.29	1/2	1,311.31	1/2	1,668.18	1/2	2,024.42	1/2	2,381.01	1/2	2,737.59	1/2	3,094.06	1/2	3,447.10
3/4	260.96	3/4	618.13	3/4	969.43	3/4	1,318.75	3/4	1,675.61	3/4	2,031.84	3/4	2,388.45	3/4	2,745.01	3/4	3,101.49	3/4	3,453.78
9	268.41	9	625.57	9	976.58	9	1,326.18	9	1,683.05	9	2,039.26	9	2,395.89	9	2,752.44	9	3,108.92	9	3,460.46
1/4	275.87	1/4	633.01	1/4	983.72	1/4	1,333.62	1/4	1,690.48	1/4	2,046.67	1/4	2,403.32	1/4	2,759.87	1/4	3,116.34	1/4	3,466.66
1/2	283.32	1/2	640.45	1/2	990.86	1/2	1,341.05	1/2	1,697.92	1/2	2,054.08	1/2	2,410.76	1/2	2,767.29	1/2	3,123.77	1/2	3,472.86
3/4	290.77	3/4	647.88	3/4	998.00	3/4	1,348.49	3/4	1,705.35	3/4	2,061.49	3/4	2,418.20	3/4	2,774.72	3/4	3,131.20	3/4	3,479.07
10	298.22	10	655.32	10	1,005.15	10	1,355.92	10	1,712.79	10	2,068.90	10	2,425.63	10	2,782.14	10	3,138.62	10	3,485.27
1/4	305.66	1/4	662.76	1/4	1,012.29	1/4	1,363.35	1/4	1,720.22	1/4	2,076.31	1/4	2,433.06	1/4	2,789.57	1/4	3,146.05	1/4	3,491.01
1/2	313.10	1/2	670.20	1/2	1,019.43	1/2	1,370.79	1/2	1,727.66	1/2	2,083.72	1/2	2,440.49	1/2	2,797.00	1/2	3,153.47	1/2	3,496.74
3/4	320.54	3/4	677.64	3/4	1,026.58	3/4	1,378.22	3/4	1,735.09	3/4	2,091.13	3/4	2,447.92	3/4	2,804.42	3/4	3,160.90	3/4	3,502.48
11	327.98	11	685.08	11	1,033.72	11	1,385.66	11	1,742.52	11	2,098.55	11	2,455.35	11	2,811.85	11	3,168.33	11	3,508.21
1/4	335.42	1/4	692.52	1/4	1,040.86	1/4	1,393.09	1/4	1,749.94	1/4	2,105.98	1/4	2,462.77	1/4	2,819.28	1/4	3,175.75	1/4	3,513.47
1/2	342.86	1/2	699.96	1/2	1,048.01	1/2	1,400.53	1/2	1,757.36	1/2	2,113.41	1/2	2,470.20	1/2	2,826.70	1/2	3,183.18	1/2	3,518.72
3/4	350.30	3/4	707.40	3/4	1,055.15	3/4	1,407.96	3/4	1,764.78	3/4	2,120.84	3/4	2,477.63	3/4	2,834.13	3/4	3,190.61	3/4	3,523.98

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "CTC 29137"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "E2MS 307"

GAUGE HEIGHT 17'-04"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,529.23	0	3,749.74	0	3,968.89	0	4,187.83	0	4,405.67	0		0		0		0		0	
1/4	3,534.05	1/4	3,754.32	1/4	3,973.45	1/4	4,192.39	1/4	4,410.15	1/4		1/4		1/4		1/4		1/4	
1/2	3,538.86	1/2	3,758.89	1/2	3,978.01	1/2	4,196.95	1/2	4,414.62	1/2		1/2		1/2		1/2		1/2	
3/4	3,543.67	3/4	3,763.47	3/4	3,982.57	3/4	4,201.52	3/4	4,419.09	3/4		3/4		3/4		3/4		3/4	
1	3,548.49	1	3,768.04	1	3,987.13	1	4,206.08	1	4,423.57	1		1		1		1		1	
1/4	3,553.06	1/4	3,772.61	1/4	3,991.70	1/4	4,210.64	1/4	4,427.51	1/4		1/4		1/4		1/4		1/4	
1/2	3,557.64	1/2	3,777.19	1/2	3,996.26	1/2	4,215.20	1/2	4,431.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,562.21	3/4	3,781.76	3/4	4,000.82	3/4	4,219.76	3/4	4,435.40	3/4		3/4		3/4		3/4		3/4	
2	3,566.78	2	3,786.34	2	4,005.38	2	4,224.32	2	4,439.35	2		2		2		2		2	
1/4	3,571.36	1/4	3,790.91	1/4	4,009.94	1/4	4,228.88	1/4	4,442.53	1/4		1/4		1/4		1/4		1/4	
1/2	3,575.93	1/2	3,795.48	1/2	4,014.50	1/2	4,233.44	1/2	4,445.72	1/2		1/2		1/2		1/2		1/2	
3/4	3,580.51	3/4	3,800.06	3/4	4,019.06	3/4	4,238.01	3/4	4,448.90	3/4		3/4		3/4		3/4		3/4	
3	3,585.08	3	3,804.63	3	4,023.62	3	4,242.57	3	4,452.08	3		3		3		3		3	
1/4	3,589.65	1/4	3,809.21	1/4	4,028.19	1/4	4,247.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,594.23	1/2	3,813.78	1/2	4,032.75	1/2	4,251.69	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,598.80	3/4	3,818.35	3/4	4,037.31	3/4	4,256.25	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,603.38	4	3,822.93	4	4,041.87	4	4,260.81	4		4		4		4		4		4	
1/4	3,607.95	1/4	3,827.49	1/4	4,046.43	1/4	4,265.37	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,612.52	1/2	3,832.05	1/2	4,050.99	1/2	4,269.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,617.10	3/4	3,836.61	3/4	4,055.55	3/4	4,274.50	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,621.67	5	3,841.17	5	4,060.11	5	4,279.06	5		5		5		5		5		5	
1/4	3,626.25	1/4	3,845.73	1/4	4,064.68	1/4	4,283.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,630.82	1/2	3,850.30	1/2	4,069.24	1/2	4,288.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,635.39	3/4	3,854.86	3/4	4,073.80	3/4	4,292.74	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,639.97	6	3,859.42	6	4,078.36	6	4,297.30	6		6		6		6		6		6	
1/4	3,644.54	1/4	3,863.98	1/4	4,082.92	1/4	4,301.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,649.12	1/2	3,868.54	1/2	4,087.48	1/2	4,306.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,653.69	3/4	3,873.10	3/4	4,092.04	3/4	4,310.85	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,658.26	7	3,877.66	7	4,096.61	7	4,315.37	7		7		7		7		7		7	
1/4	3,662.84	1/4	3,882.22	1/4	4,101.17	1/4	4,319.88	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,667.41	1/2	3,886.79	1/2	4,105.73	1/2	4,324.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,671.99	3/4	3,891.35	3/4	4,110.29	3/4	4,328.92	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,676.56	8	3,895.91	8	4,114.85	8	4,333.43	8		8		8		8		8		8	
1/4	3,681.13	1/4	3,900.47	1/4	4,119.41	1/4	4,337.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,685.71	1/2	3,905.03	1/2	4,123.97	1/2	4,342.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,690.28	3/4	3,909.59	3/4	4,128.53	3/4	4,346.98	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,694.86	9	3,914.15	9	4,133.10	9	4,351.50	9		9		9		9		9		9	
1/4	3,699.43	1/4	3,918.71	1/4	4,137.66	1/4	4,356.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,704.00	1/2	3,923.28	1/2	4,142.22	1/2	4,360.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,708.58	3/4	3,927.84	3/4	4,146.78	3/4	4,365.05	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,713.15	10	3,932.40	10	4,151.34	10	4,369.57	10		10		10		10		10		10	
1/4	3,717.73	1/4	3,936.96	1/4	4,155.90	1/4	4,374.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,722.30	1/2	3,941.52	1/2	4,160.46	1/2	4,378.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,726.87	3/4	3,946.08	3/4	4,165.02	3/4	4,383.12	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,731.45	11	3,950.64	11	4,169.59	11	4,387.64	11		11		11		11		11		11	
1/4	3,736.02	1/4	3,955.20	1/4	4,174.15	1/4	4,392.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,740.60	1/2	3,959.77	1/2	4,178.71	1/2	4,396.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,745.17	3/4	3,964.33	3/4	4,183.27	3/4	4,401.16	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/04/2017 CL
CALCULATED : 05/05/2017 CL
NAME CHANGE: 10/17/2022 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2022

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "CTC 29137"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "E2MS 307"

GAUGE HEIGHT 17'-04"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	15.26	0	357.56	0	714.96	0	1,071.95	0	1,429.26	0	1,786.67	0	2,144.07	0	2,501.40	0	2,858.33	0	3,215.25
1/4	19.91	1/4	365.01	1/4	722.41	1/4	1,079.39	1/4	1,436.70	1/4	1,794.11	1/4	2,151.52	1/4	2,508.84	1/4	2,865.77	1/4	3,222.65
1/2	24.56	1/2	372.45	1/2	729.85	1/2	1,086.82	1/2	1,444.15	1/2	1,801.56	1/2	2,158.97	1/2	2,516.28	1/2	2,873.20	1/2	3,230.06
3/4	29.22	3/4	379.90	3/4	737.30	3/4	1,094.25	3/4	1,451.60	3/4	1,809.00	3/4	2,166.41	3/4	2,523.71	3/4	2,880.64	3/4	3,237.47
1	33.87	1	387.35	1	744.74	1	1,101.68	1	1,459.04	1	1,816.45	1	2,173.86	1	2,531.15	1	2,888.07	1	3,244.87
1/4	40.38	1/4	394.79	1/4	752.19	1/4	1,109.12	1/4	1,466.49	1/4	1,823.90	1/4	2,181.30	1/4	2,538.59	1/4	2,895.51	1/4	3,252.28
1/2	46.90	1/2	402.24	1/2	759.64	1/2	1,116.56	1/2	1,473.93	1/2	1,831.34	1/2	2,188.75	1/2	2,546.02	1/2	2,902.95	1/2	3,259.69
3/4	53.41	3/4	409.68	3/4	767.08	3/4	1,124.00	3/4	1,481.38	3/4	1,838.79	3/4	2,196.20	3/4	2,553.46	3/4	2,910.38	3/4	3,267.10
2	59.92	2	417.13	2	774.53	2	1,131.44	2	1,488.83	2	1,846.23	2	2,203.64	2	2,560.90	2	2,917.82	2	3,274.50
1/4	67.33	1/4	424.58	1/4	781.97	1/4	1,138.88	1/4	1,496.27	1/4	1,853.68	1/4	2,211.09	1/4	2,568.33	1/4	2,925.25	1/4	3,281.91
1/2	74.74	1/2	432.02	1/2	789.42	1/2	1,146.32	1/2	1,503.72	1/2	1,861.13	1/2	2,218.53	1/2	2,575.77	1/2	2,932.69	1/2	3,289.32
3/4	82.15	3/4	439.47	3/4	796.87	3/4	1,153.76	3/4	1,511.16	3/4	1,868.57	3/4	2,225.98	3/4	2,583.20	3/4	2,940.12	3/4	3,296.72
3	89.56	3	446.91	3	804.31	3	1,161.20	3	1,518.61	3	1,876.02	3	2,233.43	3	2,590.64	3	2,947.56	3	3,304.13
1/4	97.00	1/4	454.36	1/4	811.76	1/4	1,168.65	1/4	1,526.06	1/4	1,883.46	1/4	2,240.87	1/4	2,598.08	1/4	2,955.00	1/4	3,311.54
1/2	104.43	1/2	461.80	1/2	819.20	1/2	1,176.09	1/2	1,533.50	1/2	1,890.91	1/2	2,248.32	1/2	2,605.51	1/2	2,962.43	1/2	3,318.95
3/4	111.87	3/4	469.25	3/4	826.65	3/4	1,183.54	3/4	1,540.95	3/4	1,898.36	3/4	2,255.76	3/4	2,612.95	3/4	2,969.87	3/4	3,326.35
4	119.30	4	476.70	4	834.09	4	1,190.99	4	1,548.39	4	1,905.80	4	2,263.21	4	2,620.39	4	2,977.30	4	3,333.76
1/4	126.75	1/4	484.14	1/4	841.54	1/4	1,198.43	1/4	1,555.84	1/4	1,913.25	1/4	2,270.66	1/4	2,627.82	1/4	2,984.74	1/4	3,341.17
1/2	134.19	1/2	491.59	1/2	848.99	1/2	1,205.88	1/2	1,563.29	1/2	1,920.69	1/2	2,278.10	1/2	2,635.26	1/2	2,992.17	1/2	3,348.57
3/4	141.64	3/4	499.03	3/4	856.43	3/4	1,213.32	3/4	1,570.73	3/4	1,928.14	3/4	2,285.55	3/4	2,642.70	3/4	2,999.61	3/4	3,355.98
5	149.08	5	506.48	5	863.88	5	1,220.77	5	1,578.18	5	1,935.59	5	2,292.99	5	2,650.13	5	3,007.05	5	3,363.39
1/4	156.53	1/4	513.92	1/4	871.31	1/4	1,228.22	1/4	1,585.62	1/4	1,943.03	1/4	2,300.44	1/4	2,657.57	1/4	3,014.48	1/4	3,370.79
1/2	163.97	1/2	521.37	1/2	878.74	1/2	1,235.66	1/2	1,593.07	1/2	1,950.48	1/2	2,307.89	1/2	2,665.00	1/2	3,021.92	1/2	3,378.20
3/4	171.42	3/4	528.82	3/4	886.17	3/4	1,243.11	3/4	1,600.52	3/4	1,957.92	3/4	2,315.33	3/4	2,672.44	3/4	3,029.35	3/4	3,385.60
6	178.86	6	536.26	6	893.60	6	1,250.55	6	1,607.96	6	1,965.37	6	2,322.78	6	2,679.88	6	3,036.79	6	3,393.00
1/4	186.31	1/4	543.71	1/4	901.03	1/4	1,258.00	1/4	1,615.41	1/4	1,972.82	1/4	2,330.22	1/4	2,687.31	1/4	3,044.22	1/4	3,400.40
1/2	193.76	1/2	551.15	1/2	908.47	1/2	1,265.45	1/2	1,622.85	1/2	1,980.26	1/2	2,337.67	1/2	2,694.75	1/2	3,051.66	1/2	3,407.79
3/4	201.20	3/4	558.60	3/4	915.90	3/4	1,272.89	3/4	1,630.30	3/4	1,987.71	3/4	2,345.12	3/4	2,702.18	3/4	3,059.10	3/4	3,415.18
7	208.65	7	566.05	7	923.33	7	1,280.34	7	1,637.75	7	1,995.15	7	2,352.56	7	2,709.62	7	3,066.53	7	3,422.58
1/4	216.09	1/4	573.49	1/4	930.76	1/4	1,287.78	1/4	1,645.19	1/4	2,002.60	1/4	2,360.01	1/4	2,717.05	1/4	3,073.97	1/4	3,429.74
1/2	223.54	1/2	580.94	1/2	938.19	1/2	1,295.23	1/2	1,652.64	1/2	2,010.05	1/2	2,367.45	1/2	2,724.49	1/2	3,081.40	1/2	3,436.91
3/4	230.98	3/4	588.38	3/4	945.62	3/4	1,302.68	3/4	1,660.08	3/4	2,017.49	3/4	2,374.90	3/4	2,731.93	3/4	3,088.84	3/4	3,444.08
8	238.43	8	595.83	8	953.05	8	1,310.12	8	1,667.53	8	2,024.94	8	2,382.35	8	2,739.36	8	3,096.27	8	3,451.25
1/4	245.88	1/4	603.27	1/4	960.48	1/4	1,317.57	1/4	1,674.98	1/4	2,032.38	1/4	2,389.79	1/4	2,746.80	1/4	3,103.71	1/4	3,457.93
1/2	253.32	1/2	610.72	1/2	967.92	1/2	1,325.01	1/2	1,682.42	1/2	2,039.83	1/2	2,397.24	1/2	2,754.23	1/2	3,111.15	1/2	3,464.62
3/4	260.77	3/4	618.17	3/4	975.35	3/4	1,332.46	3/4	1,689.87	3/4	2,047.28	3/4	2,404.68	3/4	2,761.67	3/4	3,118.58	3/4	3,471.31
9	268.21	9	625.61	9	982.78	9	1,339.91	9	1,697.31	9	2,054.72	9	2,412.13	9	2,769.10	9	3,126.02	9	3,478.00
1/4	275.66	1/4	633.06	1/4	990.21	1/4	1,347.35	1/4	1,704.76	1/4	2,062.17	1/4	2,419.58	1/4	2,776.54	1/4	3,133.45	1/4	3,484.21
1/2	283.10	1/2	640.50	1/2	997.64	1/2	1,354.80	1/2	1,712.21	1/2	2,069.61	1/2	2,427.02	1/2	2,783.98	1/2	3,140.89	1/2	3,490.42
3/4	290.55	3/4	647.95	3/4	1,005.07	3/4	1,362.24	3/4	1,719.65	3/4	2,077.06	3/4	2,434.47	3/4	2,791.41	3/4	3,148.32	3/4	3,496.63
10	298.00	10	655.39	10	1,012.50	10	1,369.69	10	1,727.10	10	2,084.51	10	2,441.91	10	2,798.85	10	3,155.76	10	3,502.84
1/4	305.44	1/4	662.84	1/4	1,019.93	1/4	1,377.14	1/4	1,734.54	1/4	2,091.95	1/4	2,449.35	1/4	2,806.28	1/4	3,163.20	1/4	3,508.57
1/2	312.89	1/2	670.29	1/2	1,027.37	1/2	1,384.58	1/2	1,741.99	1/2	2,099.40	1/2	2,456.79	1/2	2,813.72	1/2	3,170.63	1/2	3,514.30
3/4	320.33	3/4	677.73	3/4	1,034.80	3/4	1,392.03	3/4	1,749.44	3/4	2,106.84	3/4	2,464.22	3/4	2,821.15	3/4	3,178.07	3/4	3,520.03
11	327.78	11	685.18	11	1,042.23	11	1,399.47	11	1,756.88	11	2,114.29	11	2,471.66	11	2,828.59	11	3,185.50	11	3,525.77
1/4	335.23	1/4	692.62	1/4	1,049.66	1/4	1,406.92	1/4	1,764.33	1/4	2,121.74	1/4	2,479.10	1/4	2,836.02	1/4	3,192.94	1/4	3,531.02
1/2	342.67	1/2	700.07	1/2	1,057.09	1/2	1,414.37	1/2	1,771.77	1/2	2,129.18	1/2	2,486.53	1/2	2,843.46	1/2	3,200.37	1/2	3,536.27
3/4	350.12	3/4	707.52	3/4	1,064.52	3/4	1,421.81	3/4	1,779.22	3/4	2,136.63	3/4	2,493.97	3/4	2,850.90	3/4	3,207.81	3/4	3,541.52

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTC 29137"

**3 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "E2MS 307"

GAUGE HEIGHT 17'-04"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,546.77	0	3,767.15	0	3,986.17	0	4,204.99	0	4,422.69	0		0		0		0		0	
1/4	3,551.59	1/4	3,771.72	1/4	3,990.73	1/4	4,209.54	1/4	4,427.16	1/4		1/4		1/4		1/4		1/4	
1/2	3,556.40	1/2	3,776.29	1/2	3,995.29	1/2	4,214.10	1/2	4,431.63	1/2		1/2		1/2		1/2		1/2	
3/4	3,561.21	3/4	3,780.86	3/4	3,999.84	3/4	4,218.66	3/4	4,436.10	3/4		3/4		3/4		3/4		3/4	
1	3,566.02	1	3,785.44	1	4,004.40	1	4,223.22	1	4,440.57	1		1		1		1		1	
1/4	3,570.59	1/4	3,790.01	1/4	4,008.96	1/4	4,227.78	1/4	4,444.51	1/4		1/4		1/4		1/4		1/4	
1/2	3,575.16	1/2	3,794.58	1/2	4,013.52	1/2	4,232.34	1/2	4,448.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,579.73	3/4	3,799.15	3/4	4,018.08	3/4	4,236.90	3/4	4,452.40	3/4		3/4		3/4		3/4		3/4	
2	3,584.30	2	3,803.72	2	4,022.64	2	4,241.46	2	4,456.34	2		2		2		2		2	
1/4	3,588.87	1/4	3,808.29	1/4	4,027.20	1/4	4,246.01	1/4	4,459.52	1/4		1/4		1/4		1/4		1/4	
1/2	3,593.44	1/2	3,812.86	1/2	4,031.76	1/2	4,250.57	1/2	4,462.71	1/2		1/2		1/2		1/2		1/2	
3/4	3,598.02	3/4	3,817.43	3/4	4,036.31	3/4	4,255.13	3/4	4,465.89	3/4		3/4		3/4		3/4		3/4	
3	3,602.59	3	3,822.00	3	4,040.87	3	4,259.69	3	4,469.07	3		3		3		3		3	
1/4	3,607.16	1/4	3,826.58	1/4	4,045.43	1/4	4,264.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,611.73	1/2	3,831.15	1/2	4,049.99	1/2	4,268.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,616.30	3/4	3,835.72	3/4	4,054.55	3/4	4,273.37	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,620.87	4	3,840.29	4	4,059.11	4	4,277.92	4	4	4		4		4		4		4	
1/4	3,625.44	1/4	3,844.85	1/4	4,063.67	1/4	4,282.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,630.01	1/2	3,849.41	1/2	4,068.22	1/2	4,287.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,634.59	3/4	3,853.97	3/4	4,072.78	3/4	4,291.60	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,639.16	5	3,858.52	5	4,077.34	5	4,296.16	5	5	5		5		5		5		5	
1/4	3,643.73	1/4	3,863.08	1/4	4,081.90	1/4	4,300.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,648.30	1/2	3,867.64	1/2	4,086.46	1/2	4,305.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,652.87	3/4	3,872.20	3/4	4,091.02	3/4	4,309.84	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,657.44	6	3,876.76	6	4,095.58	6	4,314.39	6	6	6		6		6		6		6	
1/4	3,662.01	1/4	3,881.32	1/4	4,100.14	1/4	4,318.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,666.58	1/2	3,885.88	1/2	4,104.69	1/2	4,323.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,671.16	3/4	3,890.44	3/4	4,109.25	3/4	4,327.93	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,675.73	7	3,894.99	7	4,113.81	7	4,332.45	7	7	7		7		7		7		7	
1/4	3,680.30	1/4	3,899.55	1/4	4,118.37	1/4	4,336.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,684.87	1/2	3,904.11	1/2	4,122.93	1/2	4,341.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,689.44	3/4	3,908.67	3/4	4,127.49	3/4	4,345.99	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,694.01	8	3,913.23	8	4,132.05	8	4,350.50	8	8	8		8		8		8		8	
1/4	3,698.58	1/4	3,917.79	1/4	4,136.61	1/4	4,355.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,703.15	1/2	3,922.35	1/2	4,141.16	1/2	4,359.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,707.72	3/4	3,926.90	3/4	4,145.72	3/4	4,364.04	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,712.30	9	3,931.46	9	4,150.28	9	4,368.55	9	9	9		9		9		9		9	
1/4	3,716.87	1/4	3,936.02	1/4	4,154.84	1/4	4,373.07	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,721.44	1/2	3,940.58	1/2	4,159.40	1/2	4,377.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,726.01	3/4	3,945.14	3/4	4,163.96	3/4	4,382.09	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,730.58	10	3,949.70	10	4,168.52	10	4,386.61	10	10	10		10		10		10		10	
1/4	3,735.15	1/4	3,954.26	1/4	4,173.07	1/4	4,391.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,739.72	1/2	3,958.82	1/2	4,177.63	1/2	4,395.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,744.29	3/4	3,963.37	3/4	4,182.19	3/4	4,400.15	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,748.87	11	3,967.93	11	4,186.75	11	4,404.66	11	11	11		11		11		11		11	
1/4	3,753.44	1/4	3,972.49	1/4	4,191.31	1/4	4,409.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,758.01	1/2	3,977.05	1/2	4,195.87	1/2	4,413.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,762.58	3/4	3,981.61	3/4	4,200.43	3/4	4,418.18	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/04/2017 CL
CALCULATED : 05/05/2017 CL
NAME CHANGE: 10/17/2022 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2022

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "CTC 29137"

SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "E2MS 307"

GAUGE HEIGHT 5'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	433	0	1,021	0	1,641	0	2,206	0		0		0		0		0	
1/4	5	1/4	444	1/4	1,034	1/4	1,653	1/4	2,216	1/4		1/4		1/4		1/4		1/4	
1/2	11	1/2	456	1/2	1,047	1/2	1,666	1/2	2,227	1/2		1/2		1/2		1/2		1/2	
3/4	16	3/4	467	3/4	1,060	3/4	1,678	3/4	2,237	3/4		3/4		3/4		3/4		3/4	
1	21	1	479	1	1,073	1	1,691	1	2,247	1		1		1		1		1	
1/4	28	1/4	490	1/4	1,086	1/4	1,703	1/4	2,257	1/4		1/4		1/4		1/4		1/4	
1/2	35	1/2	502	1/2	1,099	1/2	1,716	1/2	2,267	1/2		1/2		1/2		1/2		1/2	
3/4	41	3/4	513	3/4	1,111	3/4	1,729	3/4	2,277	3/4		3/4		3/4		3/4		3/4	
2	48	2	525	2	1,124	2	1,741	2	2,287	2		2		2		2		2	
1/4	56	1/4	537	1/4	1,137	1/4	1,753	1/4	2,297	1/4		1/4		1/4		1/4		1/4	
1/2	63	1/2	549	1/2	1,150	1/2	1,766	1/2	2,306	1/2		1/2		1/2		1/2		1/2	
3/4	71	3/4	560	3/4	1,163	3/4	1,778	3/4	2,316	3/4		3/4		3/4		3/4		3/4	
3	78	3	572	3	1,176	3	1,791	3	2,326	3		3		3		3		3	
1/4	86	1/4	584	1/4	1,189	1/4	1,803	1/4	2,335	1/4		1/4		1/4		1/4		1/4	
1/2	95	1/2	596	1/2	1,202	1/2	1,815	1/2	2,344	1/2		1/2		1/2		1/2		1/2	
3/4	103	3/4	608	3/4	1,215	3/4	1,827	3/4	2,353	3/4		3/4		3/4		3/4		3/4	
4	111	4	620	4	1,228	4	1,840	4	2,362	4		4		4		4		4	
1/4	120	1/4	632	1/4	1,241	1/4	1,852	1/4	2,371	1/4		1/4		1/4		1/4		1/4	
1/2	128	1/2	644	1/2	1,254	1/2	1,864	1/2	2,380	1/2		1/2		1/2		1/2		1/2	
3/4	137	3/4	656	3/4	1,267	3/4	1,876	3/4	2,389	3/4		3/4		3/4		3/4		3/4	
5	146	5	669	5	1,280	5	1,888	5	2,397	5		5		5		5		5	
1/4	155	1/4	681	1/4	1,293	1/4	1,900	1/4	2,406	1/4		1/4		1/4		1/4		1/4	
1/2	164	1/2	693	1/2	1,306	1/2	1,912	1/2	2,414	1/2		1/2		1/2		1/2		1/2	
3/4	173	3/4	705	3/4	1,319	3/4	1,924	3/4	2,422	3/4		3/4		3/4		3/4		3/4	
6	183	6	718	6	1,332	6	1,936	6	2,430	6		6		6		6		6	
1/4	192	1/4	730	1/4	1,345	1/4	1,948	1/4	2,438	1/4		1/4		1/4		1/4		1/4	
1/2	202	1/2	742	1/2	1,358	1/2	1,960	1/2	2,445	1/2		1/2		1/2		1/2		1/2	
3/4	211	3/4	755	3/4	1,371	3/4	1,971	3/4	2,453	3/4		3/4		3/4		3/4		3/4	
7	221	7	767	7	1,384	7	1,983	7	2,460	7		7		7		7		7	
1/4	231	1/4	780	1/4	1,397	1/4	1,995	1/4	2,467	1/4		1/4		1/4		1/4		1/4	
1/2	241	1/2	792	1/2	1,410	1/2	2,006	1/2	2,473	1/2		1/2		1/2		1/2		1/2	
3/4	251	3/4	805	3/4	1,423	3/4	2,018	3/4	2,480	3/4		3/4		3/4		3/4		3/4	
8	261	8	817	8	1,436	8	2,030	8	2,487	8		8		8		8		8	
1/4	271	1/4	830	1/4	1,449	1/4	2,041	1/4	2,492	1/4		1/4		1/4		1/4		1/4	
1/2	282	1/2	843	1/2	1,461	1/2	2,052	1/2	2,498	1/2		1/2		1/2		1/2		1/2	
3/4	292	3/4	855	3/4	1,474	3/4	2,064	3/4	2,503	3/4		3/4		3/4		3/4		3/4	
9	302	9	868	9	1,487	9	2,075	9	2,508	9		9		9		9		9	
1/4	313	1/4	880	1/4	1,500	1/4	2,086	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	324	1/2	893	1/2	1,513	1/2	2,098	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	334	3/4	906	3/4	1,526	3/4	2,109	3/4		3/4		3/4		3/4		3/4		3/4	
10	345	10	919	10	1,539	10	2,120	10		10		10		10		10		10	
1/4	356	1/4	931	1/4	1,551	1/4	2,131	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	367	1/2	944	1/2	1,564	1/2	2,142	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	378	3/4	957	3/4	1,577	3/4	2,153	3/4		3/4		3/4		3/4		3/4		3/4	
11	388	11	970	11	1,590	11	2,163	11		11		11		11		11		11	
1/4	400	1/4	983	1/4	1,602	1/4	2,174	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	411	1/2	995	1/2	1,615	1/2	2,185	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	422	3/4	1,008	3/4	1,628	3/4	2,195	3/4		3/4		3/4		3/4		3/4		3/4	

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 AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" HERMETIC VALVE.

STRAPPED: 05/04/2017 CL
CALCULATED: 05/05/2017 CL
NAME CHANGE: 10/17/2022 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2022

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "CTC 29137"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "E2MS 307"

GAUGE HEIGHT 4'-05 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	100	0	257	0	412	0		0		0		0		0		0	
1/4	1	1/4	103	1/4	260	1/4	415	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1	1/2	106	1/2	263	1/2	417	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2	3/4	109	3/4	267	3/4	420	3/4		3/4		3/4		3/4		3/4		3/4	
1	3	1	112	1	270	1	423	1		1		1		1		1		1	
1/4	4	1/4	115	1/4	273	1/4	426	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5	1/2	119	1/2	277	1/2	429	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6	3/4	122	3/4	280	3/4	431	3/4		3/4		3/4		3/4		3/4		3/4	
2	7	2	125	2	284	2	434	2		2		2		2		2		2	
1/4	9	1/4	128	1/4	287	1/4	437	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	10	1/2	131	1/2	290	1/2	440	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	134	3/4	294	3/4	442	3/4		3/4		3/4		3/4		3/4		3/4	
3	13	3	137	3	297	3	445	3		3		3		3		3		3	
1/4	15	1/4	140	1/4	300	1/4	447	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	17	1/2	144	1/2	304	1/2	450	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	19	3/4	147	3/4	307	3/4	452	3/4		3/4		3/4		3/4		3/4		3/4	
4	20	4	150	4	311	4	455	4		4		4		4		4		4	
1/4	22	1/4	153	1/4	314	1/4	457	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	24	1/2	156	1/2	317	1/2	460	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	26	3/4	160	3/4	320	3/4	462	3/4		3/4		3/4		3/4		3/4		3/4	
5	28	5	163	5	324	5	465	5		5		5		5		5		5	
1/4	31	1/4	166	1/4	327	1/4	467	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	33	1/2	169	1/2	330	1/2	469	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	35	3/4	173	3/4	334	3/4	471	3/4		3/4		3/4		3/4		3/4		3/4	
6	37	6	176	6	337	6	474	6		6		6		6		6		6	
1/4	39	1/4	179	1/4	340	1/4	476	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	42	1/2	183	1/2	343	1/2	478	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	44	3/4	186	3/4	347	3/4	480	3/4		3/4		3/4		3/4		3/4		3/4	
7	46	7	189	7	350	7	482	7		7		7		7		7		7	
1/4	49	1/4	192	1/4	353	1/4	484	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	51	1/2	196	1/2	356	1/2	486	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	54	3/4	199	3/4	360	3/4	488	3/4		3/4		3/4		3/4		3/4		3/4	
8	56	8	202	8	363	8	489	8		8		8		8		8		8	
1/4	59	1/4	206	1/4	366	1/4	491	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	62	1/2	209	1/2	369	1/2	493	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	64	3/4	213	3/4	372	3/4	494	3/4		3/4		3/4		3/4		3/4		3/4	
9	67	9	216	9	375	9	496	9		9		9		9		9		9	
1/4	69	1/4	219	1/4	379	1/4	497	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	72	1/2	223	1/2	382	1/2	499	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	75	3/4	226	3/4	385	3/4	500	3/4		3/4		3/4		3/4		3/4		3/4	
10	78	10	229	10	388	10	502	10		10		10		10		10		10	
1/4	80	1/4	233	1/4	391	1/4	502	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	83	1/2	236	1/2	394	1/2	502	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	86	3/4	240	3/4	397	3/4	502	3/4		3/4		3/4		3/4		3/4		3/4	
11	89	11	243	11	400	11	502	11		11		11		11		11		11	
1/4	92	1/4	246	1/4	403	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	95	1/2	250	1/2	406	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	98	3/4	253	3/4	409	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

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 AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE.

STRAPPED: 05/04/2017 CL
CALCULATED: 05/05/2017 CL
NAME CHANGE: 10/17/2022 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2022

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CTC 29137"

ULLAGE (HERMETIC)

FORMERLY "E2MS 307"

	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	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
1 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
2 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8
2 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8
3 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
3 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 6'-00"
 DIFF. = 4'-00" (DOWN BY STERN)

THE CORRECTION FOR 4'-00" TRIM DOWN BY STERN FOR 1 PORT IS 00-0/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 0/8"

LENGTH BETWEEN DRAFT MARKS: 235'-09"

October 17, 2022

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTC 29137"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "E2MS 307"

GAUGE HEIGHT 17'-03 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0		0	4,685.95	0	4,329.42	0	3,972.85	0	3,615.27	0	3,257.69	0	2,900.11		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,678.52	1/4	4,321.99	1/4	3,965.40	1/4	3,607.82	1/4	3,250.24	1/4	2,892.66		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,012.26	1/2	4,671.10	1/2	4,314.57	1/2	3,957.95	1/2	3,600.37	1/2	3,242.79	1/2	2,885.21
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,007.08	3/4	4,663.67	3/4	4,307.14	3/4	3,950.50	3/4	3,592.92	3/4	3,235.34	3/4	2,877.76
1		1		1		1		1	5,001.89	1	4,656.24	1	4,299.71	1	3,943.05	1	3,585.47	1	3,227.89	1	2,870.31
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,996.71	1/4	4,648.81	1/4	4,292.28	1/4	3,935.60	1/4	3,578.02	1/4	3,220.44	1/4	2,862.86
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,991.53	1/2	4,641.39	1/2	4,284.86	1/2	3,928.15	1/2	3,570.57	1/2	3,212.99	1/2	2,855.41
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,985.10	3/4	4,633.96	3/4	4,277.43	3/4	3,920.70	3/4	3,563.12	3/4	3,205.54	3/4	2,847.96
2		2		2		2		2	4,978.68	2	4,626.53	2	4,270.00	2	3,913.25	2	3,555.67	2	3,198.09	2	2,840.51
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,972.25	1/4	4,619.10	1/4	4,262.57	1/4	3,905.80	1/4	3,548.22	1/4	3,190.64	1/4	2,833.06
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,965.83	1/2	4,611.67	1/2	4,255.14	1/2	3,898.35	1/2	3,540.77	1/2	3,183.19	1/2	2,825.61
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,958.54	3/4	4,604.25	3/4	4,247.72	3/4	3,890.90	3/4	3,533.32	3/4	3,175.74	3/4	2,818.16
3		3		3		3		3	4,951.26	3	4,596.82	3	4,240.29	3	3,883.45	3	3,525.87	3	3,168.29	3	2,810.71
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,943.97	1/4	4,589.39	1/4	4,232.86	1/4	3,876.00	1/4	3,518.42	1/4	3,160.84	1/4	2,803.26
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,936.69	1/2	4,581.96	1/2	4,225.43	1/2	3,868.55	1/2	3,510.97	1/2	3,153.39	1/2	2,795.81
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,929.35	3/4	4,574.54	3/4	4,218.01	3/4	3,861.10	3/4	3,503.52	3/4	3,145.94	3/4	2,788.36
4		4		4		4		4	4,922.00	4	4,567.11	4	4,210.58	4	3,853.65	4	3,496.07	4	3,138.49	4	2,780.91
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,914.66	1/4	4,559.68	1/4	4,203.15	1/4	3,846.21	1/4	3,488.62	1/4	3,131.04	1/4	2,773.46
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,907.32	1/2	4,552.25	1/2	4,195.72	1/2	3,838.76	1/2	3,481.17	1/2	3,123.59	1/2	2,766.01
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,899.97	3/4	4,544.83	3/4	4,188.30	3/4	3,831.31	3/4	3,473.73	3/4	3,116.14	3/4	2,758.56
5		5		5		5		5	4,892.61	5	4,537.40	5	4,180.87	5	3,823.86	5	3,466.28	5	3,108.69	5	2,751.11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,885.26	1/4	4,529.97	1/4	4,173.44	1/4	3,816.41	1/4	3,458.83	1/4	3,101.25	1/4	2,743.66
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,877.91	1/2	4,522.54	1/2	4,166.01	1/2	3,808.96	1/2	3,451.38	1/2	3,093.80	1/2	2,736.21
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,870.55	3/4	4,515.11	3/4	4,158.58	3/4	3,801.51	3/4	3,443.93	3/4	3,086.35	3/4	2,728.77
6		6		6		6		6	4,863.20	6	4,507.69	6	4,151.16	6	3,794.06	6	3,436.48	6	3,078.90	6	2,721.32
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,855.84	1/4	4,500.26	1/4	4,143.73	1/4	3,786.61	1/4	3,429.03	1/4	3,071.45	1/4	2,713.87
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,848.48	1/2	4,492.83	1/2	4,136.30	1/2	3,779.16	1/2	3,421.58	1/2	3,064.00	1/2	2,706.42
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,841.13	3/4	4,485.40	3/4	4,128.87	3/4	3,771.71	3/4	3,414.13	3/4	3,056.55	3/4	2,698.97
7		7		7		7		7	4,833.78	7	4,477.98	7	4,121.45	7	3,764.26	7	3,406.68	7	3,049.10	7	2,691.52
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,826.42	1/4	4,470.55	1/4	4,114.02	1/4	3,756.81	1/4	3,399.23	1/4	3,041.65	1/4	2,684.07
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,819.07	1/2	4,463.12	1/2	4,106.59	1/2	3,749.36	1/2	3,391.78	1/2	3,034.20	1/2	2,676.62
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,811.71	3/4	4,455.69	3/4	4,099.16	3/4	3,741.91	3/4	3,384.33	3/4	3,026.75	3/4	2,669.17
8		8		8		8		8	4,804.36	8	4,448.26	8	4,091.74	8	3,734.46	8	3,376.88	8	3,019.30	8	2,661.72
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,797.00	1/4	4,440.84	1/4	4,084.31	1/4	3,727.01	1/4	3,369.43	1/4	3,011.85	1/4	2,654.27
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,789.65	1/2	4,433.41	1/2	4,076.88	1/2	3,719.56	1/2	3,361.98	1/2	3,004.40	1/2	2,646.82
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,782.29	3/4	4,425.98	3/4	4,069.45	3/4	3,712.11	3/4	3,354.53	3/4	2,996.95	3/4	2,639.37
9		9		9		9		9	4,774.94	9	4,418.55	9	4,062.02	9	3,704.66	9	3,347.08	9	2,989.50	9	2,631.92
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,767.58	1/4	4,411.13	1/4	4,054.60	1/4	3,697.21	1/4	3,339.63	1/4	2,982.05	1/4	2,624.47
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,760.23	1/2	4,403.70	1/2	4,047.17	1/2	3,689.76	1/2	3,332.18	1/2	2,974.60	1/2	2,617.02
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,752.80	3/4	4,396.27	3/4	4,039.74	3/4	3,682.31	3/4	3,324.73	3/4	2,967.15	3/4	2,609.57
10		10		10		10		10	4,745.37	10	4,388.84	10	4,032.31	10	3,674.86	10	3,317.28	10	2,959.70	10	2,602.12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,737.95	1/4	4,381.42	1/4	4,024.89	1/4	3,667.41	1/4	3,309.83	1/4	2,952.25	1/4	2,594.67
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,730.52	1/2	4,373.99	1/2	4,017.46	1/2	3,659.97	1/2	3,302.38	1/2	2,944.80	1/2	2,587.22
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,723.09	3/4	4,366.56	3/4	4,010.03	3/4	3,652.52	3/4	3,294.93	3/4	2,937.35	3/4	2,579.77
11		11		11		11		11	4,715.66	11	4,359.13	11	4,002.60	11	3,645.07	11	3,287.49	11	2,929.90	11	2,572.32
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,708.23	1/4	4,351.70	1/4	3,995.18	1/4	3,637.62	1/4	3,280.04	1/4	2,922.45	1/4	2,564.87
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,700.81	1/2	4,344.28	1/2	3,987.75	1/2	3,630.17	1/2	3,272.59	1/2	2,915.01	1/2	2,557.42
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,693.38	3/4	4,336.85	3/4	3,980.30	3/4	3,622.72	3/4	3,265.14	3/4	2,907.56	3/4	2,549.96

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 WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTC 29137"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "E2MS 307"

GAUGE HEIGHT 17'-03 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	2,542.51	0	2,184.84	0	1,827.16	0	1,469.48	0	1,111.87	0	756.67	0	401.22	0	83.45	0		0	
1/4	2,535.06	1/4	2,177.38	1/4	1,819.71	1/4	1,462.03	1/4	1,104.45	1/4	749.21	1/4	394.08	1/4	77.36	1/4		1/4	
1/2	2,527.61	1/2	2,169.93	1/2	1,812.26	1/2	1,454.58	1/2	1,097.03	1/2	741.76	1/2	386.93	1/2	71.27	1/2		1/2	
3/4	2,520.16	3/4	2,162.48	3/4	1,804.80	3/4	1,447.13	3/4	1,089.61	3/4	734.31	3/4	379.88	3/4	65.30	3/4		3/4	
1	2,512.71	1	2,155.03	1	1,797.35	1	1,439.68	1	1,082.19	1	726.86	1	372.82	1	59.33	1		1	
1/4	2,505.26	1/4	2,147.58	1/4	1,789.90	1/4	1,432.22	1/4	1,074.77	1/4	719.41	1/4	365.76	1/4	53.36	1/4		1/4	
1/2	2,497.80	1/2	2,140.13	1/2	1,782.45	1/2	1,424.77	1/2	1,067.35	1/2	711.96	1/2	358.70	1/2	47.38	1/2		1/2	
3/4	2,490.35	3/4	2,132.68	3/4	1,775.00	3/4	1,417.32	3/4	1,059.95	3/4	704.51	3/4	351.73	3/4	42.39	3/4		3/4	
2	2,482.90	2	2,125.22	2	1,767.55	2	1,409.87	2	1,052.54	2	697.05	2	344.76	2	37.41	2		2	
1/4	2,475.45	1/4	2,117.77	1/4	1,760.10	1/4	1,402.42	1/4	1,045.14	1/4	689.60	1/4	337.79	1/4	32.42	1/4		1/4	
1/2	2,468.00	1/2	2,110.32	1/2	1,752.64	1/2	1,394.97	1/2	1,037.74	1/2	682.15	1/2	330.82	1/2	27.43	1/2		1/2	
3/4	2,460.55	3/4	2,102.87	3/4	1,745.19	3/4	1,387.52	3/4	1,030.35	3/4	674.70	3/4	323.94	3/4	24.39	3/4		3/4	
3	2,453.09	3	2,095.42	3	1,737.74	3	1,380.06	3	1,022.95	3	667.25	3	317.05	3	21.35	3		3	
1/4	2,445.64	1/4	2,087.97	1/4	1,730.29	1/4	1,372.61	1/4	1,015.56	1/4	659.80	1/4	310.17	1/4	18.31	1/4		1/4	
1/2	2,438.19	1/2	2,080.51	1/2	1,722.84	1/2	1,365.16	1/2	1,008.17	1/2	652.35	1/2	303.29	1/2	15.27	1/2		1/2	
3/4	2,430.74	3/4	2,073.06	3/4	1,715.39	3/4	1,357.71	3/4	1,000.78	3/4	644.89	3/4	296.49	3/4		3/4		3/4	
4	2,423.29	4	2,065.61	4	1,707.93	4	1,350.26	4	993.38	4	637.44	4	289.69	4		4		4	
1/4	2,415.84	1/4	2,058.16	1/4	1,700.48	1/4	1,342.81	1/4	985.99	1/4	629.99	1/4	282.90	1/4		1/4		1/4	
1/2	2,408.38	1/2	2,050.71	1/2	1,693.03	1/2	1,335.35	1/2	978.60	1/2	622.54	1/2	276.10	1/2		1/2		1/2	
3/4	2,400.93	3/4	2,043.26	3/4	1,685.58	3/4	1,327.90	3/4	971.21	3/4	615.09	3/4	269.39	3/4		3/4		3/4	
5	2,393.48	5	2,035.80	5	1,678.13	5	1,320.45	5	963.81	5	607.64	5	262.69	5		5		5	
1/4	2,386.03	1/4	2,028.35	1/4	1,670.68	1/4	1,313.00	1/4	956.42	1/4	600.19	1/4	255.98	1/4		1/4		1/4	
1/2	2,378.58	1/2	2,020.90	1/2	1,663.22	1/2	1,305.55	1/2	949.03	1/2	592.73	1/2	249.27	1/2		1/2		1/2	
3/4	2,371.13	3/4	2,013.45	3/4	1,655.77	3/4	1,298.10	3/4	941.63	3/4	585.29	3/4	242.65	3/4		3/4		3/4	
6	2,363.67	6	2,006.00	6	1,648.32	6	1,290.64	6	934.24	6	577.84	6	236.03	6		6		6	
1/4	2,356.22	1/4	1,998.55	1/4	1,640.87	1/4	1,283.19	1/4	926.85	1/4	570.40	1/4	229.41	1/4		1/4		1/4	
1/2	2,348.77	1/2	1,991.09	1/2	1,633.42	1/2	1,275.74	1/2	919.46	1/2	562.95	1/2	222.79	1/2		1/2		1/2	
3/4	2,341.32	3/4	1,983.64	3/4	1,625.97	3/4	1,268.29	3/4	912.06	3/4	555.50	3/4	216.25	3/4		3/4		3/4	
7	2,333.87	7	1,976.19	7	1,618.51	7	1,260.84	7	904.67	7	548.06	7	209.72	7		7		7	
1/4	2,326.42	1/4	1,968.74	1/4	1,611.06	1/4	1,253.39	1/4	897.28	1/4	540.61	1/4	203.18	1/4		1/4		1/4	
1/2	2,318.97	1/2	1,961.29	1/2	1,603.61	1/2	1,245.93	1/2	889.89	1/2	533.17	1/2	196.65	1/2		1/2		1/2	
3/4	2,311.51	3/4	1,953.84	3/4	1,596.16	3/4	1,238.48	3/4	882.49	3/4	525.71	3/4	190.20	3/4		3/4		3/4	
8	2,304.06	8	1,946.39	8	1,588.71	8	1,231.03	8	875.10	8	518.26	8	183.76	8		8		8	
1/4	2,296.61	1/4	1,938.93	1/4	1,581.26	1/4	1,223.58	1/4	867.71	1/4	510.81	1/4	177.31	1/4		1/4		1/4	
1/2	2,289.16	1/2	1,931.48	1/2	1,573.81	1/2	1,216.13	1/2	860.32	1/2	503.36	1/2	170.87	1/2		1/2		1/2	
3/4	2,281.71	3/4	1,924.03	3/4	1,566.35	3/4	1,208.68	3/4	852.92	3/4	495.95	3/4	164.51	3/4		3/4		3/4	
9	2,274.26	9	1,916.58	9	1,558.90	9	1,201.23	9	845.53	9	488.54	9	158.15	9		9		9	
1/4	2,266.80	1/4	1,909.13	1/4	1,551.45	1/4	1,193.77	1/4	838.14	1/4	481.14	1/4	151.79	1/4		1/4		1/4	
1/2	2,259.35	1/2	1,901.68	1/2	1,544.00	1/2	1,186.32	1/2	830.74	1/2	473.73	1/2	145.43	1/2		1/2		1/2	
3/4	2,251.90	3/4	1,894.22	3/4	1,536.55	3/4	1,178.87	3/4	823.35	3/4	466.41	3/4	139.16	3/4		3/4		3/4	
10	2,244.45	10	1,886.77	10	1,529.10	10	1,171.42	10	815.96	10	459.09	10	132.89	10		10		10	
1/4	2,237.00	1/4	1,879.32	1/4	1,521.64	1/4	1,163.97	1/4	808.57	1/4	451.77	1/4	126.62	1/4		1/4		1/4	
1/2	2,229.55	1/2	1,871.87	1/2	1,514.19	1/2	1,156.52	1/2	801.17	1/2	444.45	1/2	120.35	1/2		1/2		1/2	
3/4	2,222.09	3/4	1,864.42	3/4	1,506.74	3/4	1,149.06	3/4	793.77	3/4	437.21	3/4	114.16	3/4		3/4		3/4	
11	2,214.64	11	1,856.97	11	1,499.29	11	1,141.61	11	786.37	11	429.98	11	107.98	11		11		11	
1/4	2,207.19	1/4	1,849.51	1/4	1,491.84	1/4	1,134.16	1/4	778.97	1/4	422.75	1/4	101.80	1/4		1/4		1/4	
1/2	2,199.74	1/2	1,842.06	1/2	1,484.39	1/2	1,126.71	1/2	771.57	1/2	415.52	1/2	95.62	1/2		1/2		1/2	
3/4	2,192.29	3/4	1,834.61	3/4	1,476.93	3/4	1,119.29	3/4	764.12	3/4	408.37	3/4	89.53	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/04/2017 CL
CALCULATED : 05/05/2017 CL
NAME CHANGE: 10/17/2022 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2022

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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BARGE "CTC 29137"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "E2MS 307"

GAUGE HEIGHT 17'-04"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0		0	4,707.67	0	4,350.77	0	3,993.88	0	3,635.94	0	3,278.00	0	2,920.06		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,700.23	1/4	4,343.34	1/4	3,986.42	1/4	3,628.48	1/4	3,270.54	1/4	2,912.60		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,692.80	1/2	4,335.90	1/2	3,978.97	1/2	3,621.02	1/2	3,263.08	1/2	2,905.14		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,685.36	3/4	4,328.47	3/4	3,971.51	3/4	3,613.57	3/4	3,255.63	3/4	2,897.69		
1		1		1		1	5,019.43	1	4,677.93	1	4,321.03	1	3,964.05	1	3,606.11	1	3,248.17	1	2,890.23		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,014.24	1/4	4,670.49	1/4	4,313.60	1/4	3,956.59	1/4	3,598.65	1/4	3,240.71	1/4	2,882.77		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,009.05	1/2	4,663.06	1/2	4,306.16	1/2	3,949.14	1/2	3,591.20	1/2	3,233.26	1/2	2,875.31		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,003.87	3/4	4,655.62	3/4	4,298.73	3/4	3,941.68	3/4	3,583.74	3/4	3,225.80	3/4	2,867.86		
2		2		2		2	4,998.68	2	4,648.19	2	4,291.29	2	3,934.22	2	3,576.28	2	3,218.34	2	2,860.40		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,992.25	1/4	4,640.75	1/4	4,283.86	1/4	3,926.77	1/4	3,568.83	1/4	3,210.88	1/4	2,852.94		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,985.82	1/2	4,633.32	1/2	4,276.42	1/2	3,919.31	1/2	3,561.37	1/2	3,203.43	1/2	2,845.49		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,979.38	3/4	4,625.88	3/4	4,268.99	3/4	3,911.85	3/4	3,553.91	3/4	3,195.97	3/4	2,838.03		
3		3		3		3	4,972.95	3	4,618.45	3	4,261.55	3	3,904.39	3	3,546.45	3	3,188.51	3	2,830.57		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,965.66	1/4	4,611.01	1/4	4,254.12	1/4	3,896.94	1/4	3,539.00	1/4	3,181.06	1/4	2,823.12		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,958.37	1/2	4,603.57	1/2	4,246.68	1/2	3,889.48	1/2	3,531.54	1/2	3,173.60	1/2	2,815.66		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,951.07	3/4	4,596.14	3/4	4,239.24	3/4	3,882.02	3/4	3,524.08	3/4	3,166.14	3/4	2,808.20		
4		4		4		4	4,943.78	4	4,588.70	4	4,231.81	4	3,874.57	4	3,516.63	4	3,158.68	4	2,800.74		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,936.43	1/4	4,581.27	1/4	4,224.37	1/4	3,867.11	1/4	3,509.17	1/4	3,151.23	1/4	2,793.29		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,929.08	1/2	4,573.83	1/2	4,216.94	1/2	3,859.65	1/2	3,501.71	1/2	3,143.77	1/2	2,785.83		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,921.73	3/4	4,566.40	3/4	4,209.50	3/4	3,852.20	3/4	3,494.25	3/4	3,136.31	3/4	2,778.37		
5		5		5		5	4,914.38	5	4,558.96	5	4,202.07	5	3,844.74	5	3,486.80	5	3,128.86	5	2,770.92		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,907.02	1/4	4,551.53	1/4	4,194.63	1/4	3,837.28	1/4	3,479.34	1/4	3,121.40	1/4	2,763.46		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,899.66	1/2	4,544.09	1/2	4,187.20	1/2	3,829.82	1/2	3,471.88	1/2	3,113.94	1/2	2,756.00		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,892.30	3/4	4,536.66	3/4	4,179.76	3/4	3,822.37	3/4	3,464.43	3/4	3,106.49	3/4	2,748.54		
6		6		6		6	4,884.95	6	4,529.22	6	4,172.33	6	3,814.91	6	3,456.97	6	3,099.03	6	2,741.09		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,877.58	1/4	4,521.79	1/4	4,164.89	1/4	3,807.45	1/4	3,449.51	1/4	3,091.57	1/4	2,733.63		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,870.22	1/2	4,514.35	1/2	4,157.46	1/2	3,800.00	1/2	3,442.05	1/2	3,084.11	1/2	2,726.17		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,862.85	3/4	4,506.92	3/4	4,150.02	3/4	3,792.54	3/4	3,434.60	3/4	3,076.66	3/4	2,718.72		
7		7		7		7	4,855.49	7	4,499.48	7	4,142.59	7	3,785.08	7	3,427.14	7	3,069.20	7	2,711.26		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,848.13	1/4	4,492.05	1/4	4,135.15	1/4	3,777.62	1/4	3,419.68	1/4	3,061.74	1/4	2,703.80		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,840.77	1/2	4,484.61	1/2	4,127.72	1/2	3,770.17	1/2	3,412.23	1/2	3,054.29	1/2	2,696.34		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,833.41	3/4	4,477.17	3/4	4,120.28	3/4	3,762.71	3/4	3,404.77	3/4	3,046.83	3/4	2,688.89		
8		8		8		8	4,826.04	8	4,469.74	8	4,112.84	8	3,755.25	8	3,397.31	8	3,039.37	8	2,681.43		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,818.68	1/4	4,462.30	1/4	4,105.41	1/4	3,747.80	1/4	3,389.85	1/4	3,031.91	1/4	2,673.97		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,811.32	1/2	4,454.87	1/2	4,097.97	1/2	3,740.34	1/2	3,382.40	1/2	3,024.46	1/2	2,666.52		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,803.96	3/4	4,447.43	3/4	4,090.54	3/4	3,732.88	3/4	3,374.94	3/4	3,017.00	3/4	2,659.06		
9		9		9		9	4,796.60	9	4,440.00	9	4,083.10	9	3,725.42	9	3,367.48	9	3,009.54	9	2,651.60		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,789.24	1/4	4,432.56	1/4	4,075.67	1/4	3,717.97	1/4	3,360.03	1/4	3,002.09	1/4	2,644.14		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,781.87	1/2	4,425.13	1/2	4,068.23	1/2	3,710.51	1/2	3,352.57	1/2	2,994.63	1/2	2,636.69		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,774.51	3/4	4,417.69	3/4	4,060.80	3/4	3,703.05	3/4	3,345.11	3/4	2,987.17	3/4	2,629.23		
10		10		10		10	4,767.15	10	4,410.26	10	4,053.36	10	3,695.60	10	3,337.66	10	2,979.71	10	2,621.77		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,759.72	1/4	4,402.82	1/4	4,045.93	1/4	3,688.14	1/4	3,330.20	1/4	2,972.26	1/4	2,614.32		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,752.28	1/2	4,395.39	1/2	4,038.49	1/2	3,680.68	1/2	3,322.74	1/2	2,964.80	1/2	2,606.86		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,744.85	3/4	4,387.95	3/4	4,031.06	3/4	3,673.22	3/4	3,315.28	3/4	2,957.34	3/4	2,599.40		
11		11		11		11	4,737.41	11	4,380.52	11	4,023.62	11	3,665.77	11	3,307.83	11	2,949.89	11	2,591.95		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,729.97	1/4	4,373.08	1/4	4,016.19	1/4	3,658.31	1/4	3,300.37	1/4	2,942.43	1/4	2,584.49		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,722.54	1/2	4,365.64	1/2	4,008.75	1/2	3,650.85	1/2	3,292.91	1/2	2,934.97	1/2	2,577.03		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,715.10	3/4	4,358.21	3/4	4,001.32	3/4	3,643.40	3/4	3,285.46	3/4	2,927.51	3/4	2,569.57		

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 ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTC 29137"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "E2MS 307"

GAUGE HEIGHT 17'-04"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,562.11	0	2,204.06	0	1,846.02	0	1,487.97	0	1,129.92	0	772.38	0	415.91	0	95.70	0		0	
1/4	2,554.65	1/4	2,196.60	1/4	1,838.56	1/4	1,480.51	1/4	1,122.46	1/4	764.92	1/4	408.76	1/4	89.61	1/4		1/4	
1/2	2,547.19	1/2	2,189.14	1/2	1,831.10	1/2	1,473.05	1/2	1,115.00	1/2	757.46	1/2	401.61	1/2	83.52	1/2		1/2	
3/4	2,539.73	3/4	2,181.68	3/4	1,823.64	3/4	1,465.59	3/4	1,107.54	3/4	750.00	3/4	394.45	3/4	77.43	3/4		3/4	
1	2,532.27	1	2,174.22	1	1,816.18	1	1,458.13	1	1,100.09	1	742.54	1	387.30	1	71.34	1		1	
1/4	2,524.81	1/4	2,166.77	1/4	1,808.72	1/4	1,450.67	1/4	1,092.63	1/4	735.08	1/4	380.24	1/4	65.36	1/4		1/4	
1/2	2,517.35	1/2	2,159.31	1/2	1,801.26	1/2	1,443.21	1/2	1,085.18	1/2	727.62	1/2	373.17	1/2	59.38	1/2		1/2	
3/4	2,509.89	3/4	2,151.85	3/4	1,793.80	3/4	1,435.75	3/4	1,077.72	3/4	720.17	3/4	366.11	3/4	53.40	3/4		3/4	
2	2,502.43	2	2,144.39	2	1,786.34	2	1,428.29	2	1,070.27	2	712.71	2	359.04	2	47.42	2		2	
1/4	2,494.97	1/4	2,136.93	1/4	1,778.88	1/4	1,420.84	1/4	1,062.82	1/4	705.25	1/4	352.06	1/4	42.43	1/4		1/4	
1/2	2,487.51	1/2	2,129.47	1/2	1,771.42	1/2	1,413.38	1/2	1,055.36	1/2	697.79	1/2	345.08	1/2	37.44	1/2		1/2	
3/4	2,480.06	3/4	2,122.01	3/4	1,763.96	3/4	1,405.92	3/4	1,047.91	3/4	690.33	3/4	338.11	3/4	32.44	3/4		3/4	
3	2,472.60	3	2,114.55	3	1,756.50	3	1,398.46	3	1,040.46	3	682.87	3	331.13	3	27.45	3		3	
1/4	2,465.14	1/4	2,107.09	1/4	1,749.04	1/4	1,391.00	1/4	1,033.01	1/4	675.41	1/4	324.24	1/4	24.41	1/4		1/4	
1/2	2,457.68	1/2	2,099.63	1/2	1,741.58	1/2	1,383.54	1/2	1,025.57	1/2	667.95	1/2	317.35	1/2	21.37	1/2		1/2	
3/4	2,450.22	3/4	2,092.17	3/4	1,734.13	3/4	1,376.08	3/4	1,018.12	3/4	660.49	3/4	310.46	3/4	18.32	3/4		3/4	
4	2,442.76	4	2,084.71	4	1,726.67	4	1,368.62	4	1,010.68	4	653.03	4	303.57	4	15.28	4		4	
1/4	2,435.30	1/4	2,077.25	1/4	1,719.21	1/4	1,361.16	1/4	1,003.23	1/4	645.57	1/4	296.77	1/4		1/4		1/4	
1/2	2,427.84	1/2	2,069.79	1/2	1,711.75	1/2	1,353.70	1/2	995.79	1/2	638.11	1/2	289.96	1/2		1/2		1/2	
3/4	2,420.38	3/4	2,062.33	3/4	1,704.29	3/4	1,346.24	3/4	988.34	3/4	630.65	3/4	283.16	3/4		3/4		3/4	
5	2,412.92	5	2,054.88	5	1,696.83	5	1,338.78	5	980.90	5	623.19	5	276.36	5		5		5	
1/4	2,405.46	1/4	2,047.42	1/4	1,689.37	1/4	1,331.32	1/4	973.45	1/4	615.74	1/4	269.64	1/4		1/4		1/4	
1/2	2,398.00	1/2	2,039.96	1/2	1,681.91	1/2	1,323.86	1/2	966.01	1/2	608.28	1/2	262.93	1/2		1/2		1/2	
3/4	2,390.54	3/4	2,032.50	3/4	1,674.45	3/4	1,316.40	3/4	958.56	3/4	600.82	3/4	256.21	3/4		3/4		3/4	
6	2,383.08	6	2,025.04	6	1,666.99	6	1,308.95	6	951.12	6	593.36	6	249.50	6		6		6	
1/4	2,375.63	1/4	2,017.58	1/4	1,659.53	1/4	1,301.49	1/4	943.67	1/4	585.90	1/4	242.87	1/4		1/4		1/4	
1/2	2,368.17	1/2	2,010.12	1/2	1,652.07	1/2	1,294.03	1/2	936.23	1/2	578.44	1/2	236.24	1/2		1/2		1/2	
3/4	2,360.71	3/4	2,002.66	3/4	1,644.61	3/4	1,286.57	3/4	928.78	3/4	570.98	3/4	229.62	3/4		3/4		3/4	
7	2,353.25	7	1,995.20	7	1,637.15	7	1,279.11	7	921.34	7	563.52	7	222.99	7		7		7	
1/4	2,345.79	1/4	1,987.74	1/4	1,629.70	1/4	1,271.65	1/4	913.89	1/4	556.06	1/4	216.45	1/4		1/4		1/4	
1/2	2,338.33	1/2	1,980.28	1/2	1,622.24	1/2	1,264.19	1/2	906.45	1/2	548.60	1/2	209.91	1/2		1/2		1/2	
3/4	2,330.87	3/4	1,972.82	3/4	1,614.78	3/4	1,256.73	3/4	899.00	3/4	541.14	3/4	203.37	3/4		3/4		3/4	
8	2,323.41	8	1,965.36	8	1,607.32	8	1,249.27	8	891.56	8	533.68	8	196.83	8		8		8	
1/4	2,315.95	1/4	1,957.90	1/4	1,599.86	1/4	1,241.81	1/4	884.11	1/4	526.22	1/4	190.38	1/4		1/4		1/4	
1/2	2,308.49	1/2	1,950.45	1/2	1,592.40	1/2	1,234.35	1/2	876.67	1/2	518.76	1/2	183.93	1/2		1/2		1/2	
3/4	2,301.03	3/4	1,942.99	3/4	1,584.94	3/4	1,226.89	3/4	869.22	3/4	511.31	3/4	177.47	3/4		3/4		3/4	
9	2,293.57	9	1,935.53	9	1,577.48	9	1,219.43	9	861.78	9	503.85	9	171.02	9		9		9	
1/4	2,286.11	1/4	1,928.07	1/4	1,570.02	1/4	1,211.97	1/4	854.33	1/4	496.43	1/4	164.66	1/4		1/4		1/4	
1/2	2,278.65	1/2	1,920.61	1/2	1,562.56	1/2	1,204.52	1/2	846.89	1/2	489.02	1/2	158.29	1/2		1/2		1/2	
3/4	2,271.20	3/4	1,913.15	3/4	1,555.10	3/4	1,197.06	3/4	839.44	3/4	481.60	3/4	151.93	3/4		3/4		3/4	
10	2,263.74	10	1,905.69	10	1,547.64	10	1,189.60	10	832.00	10	474.18	10	145.56	10		10		10	
1/4	2,256.28	1/4	1,898.23	1/4	1,540.18	1/4	1,182.14	1/4	824.55	1/4	466.86	1/4	139.29	1/4		1/4		1/4	
1/2	2,248.82	1/2	1,890.77	1/2	1,532.72	1/2	1,174.68	1/2	817.11	1/2	459.53	1/2	133.01	1/2		1/2		1/2	
3/4	2,241.36	3/4	1,883.31	3/4	1,525.27	3/4	1,167.22	3/4	809.66	3/4	452.20	3/4	126.73	3/4		3/4		3/4	
11	2,233.90	11	1,875.85	11	1,517.81	11	1,159.76	11	802.22	11	444.87	11	120.45	11		11		11	
1/4	2,226.44	1/4	1,868.39	1/4	1,510.35	1/4	1,152.30	1/4	794.76	1/4	437.63	1/4	114.27	1/4		1/4		1/4	
1/2	2,218.98	1/2	1,860.93	1/2	1,502.89	1/2	1,144.84	1/2	787.30	1/2	430.39	1/2	108.08	1/2		1/2		1/2	
3/4	2,211.52	3/4	1,853.47	3/4	1,495.43	3/4	1,137.38	3/4	779.84	3/4	423.15	3/4	101.89	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/04/2017 CL
CALCULATED : 05/05/2017 CL
NAME CHANGE: 10/17/2022 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2022

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "CTC 29137"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "E2MS 307"

GAUGE HEIGHT 17'-04"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0		0	4,775.50	0	4,417.16	0	4,058.82	0	3,699.42	0	3,340.03	0	2,980.63		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,768.03	1/4	4,409.69	1/4	4,051.33	1/4	3,691.93	1/4	3,332.54	1/4	2,973.14		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,760.57	1/2	4,402.23	1/2	4,043.84	1/2	3,684.45	1/2	3,325.05	1/2	2,965.66		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,753.10	3/4	4,394.76	3/4	4,036.36	3/4	3,676.96	3/4	3,317.57	3/4	2,958.17		
1		1		1		1	5,088.76	1	4,745.63	1	4,387.30	1	4,028.87	1	3,669.47	1	3,310.08	1	2,950.68		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,083.54	1/4	4,738.17	1/4	4,379.83	1/4	4,021.38	1/4	3,661.99	1/4	3,302.59	1/4	2,943.20		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,078.33	1/2	4,730.70	1/2	4,372.36	1/2	4,013.89	1/2	3,654.50	1/2	3,295.10	1/2	2,935.71		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,073.11	3/4	4,723.24	3/4	4,364.90	3/4	4,006.41	3/4	3,647.01	3/4	3,287.62	3/4	2,928.22		
2		2		2		2	5,067.90	2	4,715.77	2	4,357.43	2	3,998.92	2	3,639.52	2	3,280.13	2	2,920.73		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,061.44	1/4	4,708.31	1/4	4,349.97	1/4	3,991.43	1/4	3,632.04	1/4	3,272.64	1/4	2,913.25		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,054.97	1/2	4,700.84	1/2	4,342.50	1/2	3,983.94	1/2	3,624.55	1/2	3,265.15	1/2	2,905.76		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,048.51	3/4	4,693.38	3/4	4,335.04	3/4	3,976.46	3/4	3,617.06	3/4	3,257.67	3/4	2,898.27		
3		3		3		3	5,042.05	3	4,685.91	3	4,327.57	3	3,968.97	3	3,609.57	3	3,250.18	3	2,890.78		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,034.72	1/4	4,678.45	1/4	4,320.11	1/4	3,961.48	1/4	3,602.09	1/4	3,242.69	1/4	2,883.30		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,027.39	1/2	4,670.98	1/2	4,312.64	1/2	3,953.99	1/2	3,594.60	1/2	3,235.20	1/2	2,875.81		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,020.06	3/4	4,663.52	3/4	4,305.18	3/4	3,946.51	3/4	3,587.11	3/4	3,227.72	3/4	2,868.32		
4		4		4		4	5,012.73	4	4,656.05	4	4,297.71	4	3,939.02	4	3,579.62	4	3,220.23	4	2,860.83		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,005.35	1/4	4,648.58	1/4	4,290.24	1/4	3,931.53	1/4	3,572.14	1/4	3,212.74	1/4	2,853.35		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,997.96	1/2	4,641.12	1/2	4,282.78	1/2	3,924.04	1/2	3,564.65	1/2	3,205.25	1/2	2,845.86		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,990.58	3/4	4,633.65	3/4	4,275.31	3/4	3,916.56	3/4	3,557.16	3/4	3,197.77	3/4	2,838.37		
5		5		5		5	4,983.19	5	4,626.19	5	4,267.85	5	3,909.07	5	3,549.67	5	3,190.28	5	2,830.88		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,975.80	1/4	4,618.72	1/4	4,260.38	1/4	3,901.58	1/4	3,542.19	1/4	3,182.79	1/4	2,823.40		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,968.40	1/2	4,611.26	1/2	4,252.92	1/2	3,894.09	1/2	3,534.70	1/2	3,175.30	1/2	2,815.91		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,961.01	3/4	4,603.79	3/4	4,245.45	3/4	3,886.61	3/4	3,527.21	3/4	3,167.82	3/4	2,808.42		
6		6		6		6	4,953.61	6	4,596.33	6	4,237.99	6	3,879.12	6	3,519.72	6	3,160.33	6	2,800.93		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,946.21	1/4	4,588.86	1/4	4,230.52	1/4	3,871.63	1/4	3,512.24	1/4	3,152.84	1/4	2,793.45		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,938.81	1/2	4,581.40	1/2	4,223.06	1/2	3,864.15	1/2	3,504.75	1/2	3,145.35	1/2	2,785.96		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,931.41	3/4	4,573.93	3/4	4,215.59	3/4	3,856.66	3/4	3,497.26	3/4	3,137.87	3/4	2,778.47		
7		7		7		7	4,924.01	7	4,566.46	7	4,208.13	7	3,849.17	7	3,489.78	7	3,130.38	7	2,770.98		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,916.61	1/4	4,559.00	1/4	4,200.66	1/4	3,841.68	1/4	3,482.29	1/4	3,122.89	1/4	2,763.50		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,909.21	1/2	4,551.53	1/2	4,193.19	1/2	3,834.20	1/2	3,474.80	1/2	3,115.41	1/2	2,756.01		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,901.81	3/4	4,544.07	3/4	4,185.73	3/4	3,826.71	3/4	3,467.31	3/4	3,107.92	3/4	2,748.52		
8		8		8		8	4,894.42	8	4,536.60	8	4,178.26	8	3,819.22	8	3,459.83	8	3,100.43	8	2,741.04		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,887.02	1/4	4,529.14	1/4	4,170.80	1/4	3,811.73	1/4	3,452.34	1/4	3,092.94	1/4	2,733.55		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,879.62	1/2	4,521.67	1/2	4,163.33	1/2	3,804.25	1/2	3,444.85	1/2	3,085.46	1/2	2,726.06		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,872.22	3/4	4,514.21	3/4	4,155.87	3/4	3,796.76	3/4	3,437.36	3/4	3,077.97	3/4	2,718.57		
9		9		9		9	4,864.82	9	4,506.74	9	4,148.40	9	3,789.27	9	3,429.88	9	3,070.48	9	2,711.09		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,857.42	1/4	4,499.28	1/4	4,140.94	1/4	3,781.78	1/4	3,422.39	1/4	3,062.99	1/4	2,703.60		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,850.02	1/2	4,491.81	1/2	4,133.47	1/2	3,774.30	1/2	3,414.90	1/2	3,055.51	1/2	2,696.11		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,842.62	3/4	4,484.35	3/4	4,126.01	3/4	3,766.81	3/4	3,407.41	3/4	3,048.02	3/4	2,688.62		
10		10		10		10	4,835.22	10	4,476.88	10	4,118.54	10	3,759.32	10	3,399.93	10	3,040.53	10	2,681.14		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,827.75	1/4	4,469.41	1/4	4,111.08	1/4	3,751.83	1/4	3,392.44	1/4	3,033.04	1/4	2,673.65		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,820.29	1/2	4,461.95	1/2	4,103.61	1/2	3,744.35	1/2	3,384.95	1/2	3,025.56	1/2	2,666.16		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,812.82	3/4	4,454.48	3/4	4,096.14	3/4	3,736.86	3/4	3,377.46	3/4	3,018.07	3/4	2,658.67		
11		11		11		11	4,805.36	11	4,447.02	11	4,088.68	11	3,729.37	11	3,369.98	11	3,010.58	11	2,651.19		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,797.89	1/4	4,439.55	1/4	4,081.21	1/4	3,721.88	1/4	3,362.49	1/4	3,003.09	1/4	2,643.70		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,790.43	1/2	4,432.09	1/2	4,073.75	1/2	3,714.40	1/2	3,355.00	1/2	2,995.61	1/2	2,636.21		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,782.96	3/4	4,424.62	3/4	4,066.28	3/4	3,706.91	3/4	3,347.51	3/4	2,988.12	3/4	2,628.72		

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 WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092

Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTC 29137"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "E2MS 307"

GAUGE HEIGHT 17'-04"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,621.24	0	2,261.84	0	1,902.45	0	1,543.05	0	1,183.66	0	838.75	0	479.36	0	119.97	0		0	
1/4	2,613.75	1/4	2,254.35	1/4	1,894.96	1/4	1,535.56	1/4	1,176.45	1/4	831.26	1/4	471.87	1/4	112.49	1/4		1/4	
1/2	2,606.26	1/2	2,246.87	1/2	1,887.47	1/2	1,528.08	1/2	1,169.25	1/2	823.78	1/2	464.38	1/2	105.01	1/2		1/2	
3/4	2,598.77	3/4	2,239.38	3/4	1,879.98	3/4	1,520.59	3/4	1,162.04	3/4	816.29	3/4	456.89	3/4	97.54	3/4		3/4	
1	2,591.29	1	2,231.89	1	1,872.50	1	1,513.10	1	1,154.84	1	808.80	1	449.41	1	90.06	1		1	
1/4	2,583.80	1/4	2,224.40	1/4	1,865.01	1/4	1,505.61	1/4	1,147.65	1/4	801.32	1/4	441.92	1/4	82.61	1/4		1/4	
1/2	2,576.31	1/2	2,216.92	1/2	1,857.52	1/2	1,498.13	1/2	1,140.46	1/2	793.83	1/2	434.43	1/2	75.16	1/2		1/2	
3/4	2,568.83	3/4	2,209.43	3/4	1,850.03	3/4	1,490.64	3/4	1,133.27	3/4	786.34	3/4	426.95	3/4	67.71	3/4		3/4	
2	2,561.34	2	2,201.94	2	1,842.55	2	1,483.15	2	1,126.08	2	778.85	2	419.46	2	60.26	2		2	
1/4	2,553.85	1/4	2,194.46	1/4	1,835.06	1/4	1,475.66	1/4	1,118.89	1/4	771.37	1/4	411.97	1/4	53.71	1/4		1/4	
1/2	2,546.36	1/2	2,186.97	1/2	1,827.57	1/2	1,468.18	1/2	1,111.71	1/2	763.88	1/2	404.48	1/2	47.16	1/2		1/2	
3/4	2,538.88	3/4	2,179.48	3/4	1,820.09	3/4	1,460.69	3/4	1,104.52	3/4	756.39	3/4	397.00	3/4	40.61	3/4		3/4	
3	2,531.39	3	2,171.99	3	1,812.60	3	1,453.20	3	1,097.33	3	748.90	3	389.51	3	34.06	3		3	
1/4	2,523.90	1/4	2,164.51	1/4	1,805.11	1/4	1,445.72	1/4	1,090.15	1/4	741.42	1/4	382.02	1/4	29.38	1/4		1/4	
1/2	2,516.41	1/2	2,157.02	1/2	1,797.62	1/2	1,438.23	1/2	1,082.97	1/2	733.93	1/2	374.53	1/2	24.70	1/2		1/2	
3/4	2,508.93	3/4	2,149.53	3/4	1,790.14	3/4	1,430.74	3/4	1,075.79	3/4	726.44	3/4	367.05	3/4	20.02	3/4		3/4	
4	2,501.44	4	2,142.04	4	1,782.65	4	1,423.25	4	1,068.61	4	718.95	4	359.56	4	15.34	4		4	
1/4	2,493.95	1/4	2,134.56	1/4	1,775.16	1/4	1,415.77	1/4	1,061.43	1/4	711.47	1/4	352.07	1/4		1/4		1/4	
1/2	2,486.46	1/2	2,127.07	1/2	1,767.67	1/2	1,408.28	1/2	1,054.25	1/2	703.98	1/2	344.58	1/2		1/2		1/2	
3/4	2,478.98	3/4	2,119.58	3/4	1,760.19	3/4	1,400.79	3/4	1,047.07	3/4	696.49	3/4	337.10	3/4		3/4		3/4	
5	2,471.49	5	2,112.09	5	1,752.70	5	1,393.30	5	1,039.89	5	689.00	5	329.61	5	5	5		5	
1/4	2,464.00	1/4	2,104.61	1/4	1,745.21	1/4	1,385.82	1/4	1,032.71	1/4	681.52	1/4	322.12	1/4		1/4		1/4	
1/2	2,456.51	1/2	2,097.12	1/2	1,737.72	1/2	1,378.33	1/2	1,025.53	1/2	674.03	1/2	314.63	1/2		1/2		1/2	
3/4	2,449.03	3/4	2,089.63	3/4	1,730.24	3/4	1,370.84	3/4	1,018.35	3/4	666.54	3/4	307.15	3/4		3/4		3/4	
6	2,441.54	6	2,082.14	6	1,722.75	6	1,363.35	6	1,011.17	6	659.05	6	299.66	6	6	6		6	
1/4	2,434.05	1/4	2,074.66	1/4	1,715.26	1/4	1,355.87	1/4	1,003.99	1/4	651.57	1/4	292.17	1/4		1/4		1/4	
1/2	2,426.56	1/2	2,067.17	1/2	1,707.77	1/2	1,348.38	1/2	996.81	1/2	644.08	1/2	284.68	1/2		1/2		1/2	
3/4	2,419.08	3/4	2,059.68	3/4	1,700.29	3/4	1,340.89	3/4	989.63	3/4	636.59	3/4	277.20	3/4		3/4		3/4	
7	2,411.59	7	2,052.19	7	1,692.80	7	1,333.40	7	982.45	7	629.10	7	269.71	7	7	7		7	
1/4	2,404.10	1/4	2,044.71	1/4	1,685.31	1/4	1,325.92	1/4	975.27	1/4	621.62	1/4	262.22	1/4		1/4		1/4	
1/2	2,396.61	1/2	2,037.22	1/2	1,677.82	1/2	1,318.43	1/2	968.09	1/2	614.13	1/2	254.73	1/2		1/2		1/2	
3/4	2,389.13	3/4	2,029.73	3/4	1,670.34	3/4	1,310.94	3/4	960.91	3/4	606.64	3/4	247.25	3/4		3/4		3/4	
8	2,381.64	8	2,022.24	8	1,662.85	8	1,303.45	8	953.73	8	599.16	8	239.76	8	8	8		8	
1/4	2,374.15	1/4	2,014.76	1/4	1,655.36	1/4	1,295.97	1/4	946.55	1/4	591.67	1/4	232.27	1/4		1/4		1/4	
1/2	2,366.67	1/2	2,007.27	1/2	1,647.87	1/2	1,288.48	1/2	939.37	1/2	584.18	1/2	224.79	1/2		1/2		1/2	
3/4	2,359.18	3/4	1,999.78	3/4	1,640.39	3/4	1,280.99	3/4	932.19	3/4	576.69	3/4	217.30	3/4		3/4		3/4	
9	2,351.69	9	1,992.30	9	1,632.90	9	1,273.50	9	925.01	9	569.21	9	209.81	9	9	9		9	
1/4	2,344.20	1/4	1,984.81	1/4	1,625.41	1/4	1,266.02	1/4	917.83	1/4	561.72	1/4	202.32	1/4		1/4		1/4	
1/2	2,336.72	1/2	1,977.32	1/2	1,617.93	1/2	1,258.53	1/2	910.65	1/2	554.23	1/2	194.84	1/2		1/2		1/2	
3/4	2,329.23	3/4	1,969.83	3/4	1,610.44	3/4	1,251.04	3/4	903.47	3/4	546.74	3/4	187.35	3/4		3/4		3/4	
10	2,321.74	10	1,962.35	10	1,602.95	10	1,243.56	10	896.29	10	539.26	10	179.86	10	10	10		10	
1/4	2,314.25	1/4	1,954.86	1/4	1,595.46	1/4	1,236.07	1/4	889.11	1/4	531.77	1/4	172.37	1/4		1/4		1/4	
1/2	2,306.77	1/2	1,947.37	1/2	1,587.98	1/2	1,228.58	1/2	881.93	1/2	524.28	1/2	164.89	1/2		1/2		1/2	
3/4	2,299.28	3/4	1,939.88	3/4	1,580.49	3/4	1,221.09	3/4	874.75	3/4	516.79	3/4	157.40	3/4		3/4		3/4	
11	2,291.79	11	1,932.40	11	1,573.00	11	1,213.61	11	867.57	11	509.31	11	149.91	11	11	11		11	
1/4	2,284.30	1/4	1,924.91	1/4	1,565.51	1/4	1,206.12	1/4	860.36	1/4	501.82	1/4	142.43	1/4		1/4		1/4	
1/2	2,276.82	1/2	1,917.42	1/2	1,558.03	1/2	1,198.63	1/2	853.16	1/2	494.33	1/2	134.94	1/2		1/2		1/2	
3/4	2,269.33	3/4	1,909.93	3/4	1,550.54	3/4	1,191.14	3/4	845.96	3/4	486.84	3/4	127.45	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/04/2017 CL
CALCULATED : 05/05/2017 CL
NAME CHANGE: 10/17/2022 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2022

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "CTC 29137"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "E2MS 307"

GAUGE HEIGHT 17'-03 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0		0	4,782.58	0	4,424.23	0	4,065.87	0	3,706.50	0	3,347.13	0	2,987.75		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,775.11	1/4	4,416.77	1/4	4,058.38	1/4	3,699.01	1/4	3,339.64	1/4	2,980.27		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,767.65	1/2	4,409.30	1/2	4,050.89	1/2	3,691.52	1/2	3,332.15	1/2	2,972.78		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,103.08	3/4	4,760.18	3/4	4,401.84	3/4	4,043.41	3/4	3,684.04	3/4	3,324.67	3/4	2,965.29
1		1		1		1		1	5,097.87	1	4,752.72	1	4,394.37	1	4,035.92	1	3,676.55	1	3,317.18	1	2,957.81
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,092.66	1/4	4,745.25	1/4	4,386.91	1/4	4,028.43	1/4	3,669.06	1/4	3,309.69	1/4	2,950.32
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,087.45	1/2	4,737.78	1/2	4,379.44	1/2	4,020.95	1/2	3,661.58	1/2	3,302.20	1/2	2,942.83
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,082.24	3/4	4,730.32	3/4	4,371.98	3/4	4,013.46	3/4	3,654.09	3/4	3,294.72	3/4	2,935.35
2		2		2		2		2	5,075.79	2	4,722.85	2	4,364.51	2	4,005.97	2	3,646.60	2	3,287.23	2	2,927.86
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,069.33	1/4	4,715.39	1/4	4,357.04	1/4	3,998.49	1/4	3,639.11	1/4	3,279.74	1/4	2,920.37
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,062.87	1/2	4,707.92	1/2	4,349.58	1/2	3,991.00	1/2	3,631.63	1/2	3,272.26	1/2	2,912.89
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,056.41	3/4	4,700.46	3/4	4,342.11	3/4	3,983.51	3/4	3,624.14	3/4	3,264.77	3/4	2,905.40
3		3		3		3		3	5,049.09	3	4,692.99	3	4,334.65	3	3,976.03	3	3,616.65	3	3,257.28	3	2,897.91
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,041.77	1/4	4,685.53	1/4	4,327.18	1/4	3,968.54	1/4	3,609.17	1/4	3,249.80	1/4	2,890.42
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,034.45	1/2	4,678.06	1/2	4,319.72	1/2	3,961.05	1/2	3,601.68	1/2	3,242.31	1/2	2,882.94
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,027.12	3/4	4,670.60	3/4	4,312.25	3/4	3,953.56	3/4	3,594.19	3/4	3,234.82	3/4	2,875.45
4		4		4		4		4	5,019.74	4	4,663.13	4	4,304.79	4	3,946.08	4	3,586.71	4	3,227.34	4	2,867.96
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,012.36	1/4	4,655.66	1/4	4,297.32	1/4	3,938.59	1/4	3,579.22	1/4	3,219.85	1/4	2,860.48
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,004.99	1/2	4,648.20	1/2	4,289.85	1/2	3,931.10	1/2	3,571.73	1/2	3,212.36	1/2	2,852.99
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,997.61	3/4	4,640.73	3/4	4,282.39	3/4	3,923.62	3/4	3,564.25	3/4	3,204.87	3/4	2,845.50
5		5		5		5		5	4,990.21	5	4,633.27	5	4,274.92	5	3,916.13	5	3,556.76	5	3,197.39	5	2,838.02
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,982.82	1/4	4,625.80	1/4	4,267.46	1/4	3,908.64	1/4	3,549.27	1/4	3,189.90	1/4	2,830.53
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,975.43	1/2	4,618.34	1/2	4,259.99	1/2	3,901.16	1/2	3,541.79	1/2	3,182.41	1/2	2,823.04
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,968.04	3/4	4,610.87	3/4	4,252.53	3/4	3,893.67	3/4	3,534.30	3/4	3,174.93	3/4	2,815.56
6		6		6		6		6	4,960.65	6	4,603.41	6	4,245.06	6	3,886.18	6	3,526.81	6	3,167.44	6	2,808.07
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,953.25	1/4	4,595.94	1/4	4,237.60	1/4	3,878.70	1/4	3,519.32	1/4	3,159.95	1/4	2,800.58
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,945.86	1/2	4,588.47	1/2	4,230.13	1/2	3,871.21	1/2	3,511.84	1/2	3,152.47	1/2	2,793.10
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,938.46	3/4	4,581.01	3/4	4,222.67	3/4	3,863.72	3/4	3,504.35	3/4	3,144.98	3/4	2,785.61
7		7		7		7		7	4,931.07	7	4,573.54	7	4,215.20	7	3,856.24	7	3,496.86	7	3,137.49	7	2,778.12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,923.68	1/4	4,566.08	1/4	4,207.73	1/4	3,848.75	1/4	3,489.38	1/4	3,130.01	1/4	2,770.63
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,916.29	1/2	4,558.61	1/2	4,200.27	1/2	3,841.26	1/2	3,481.89	1/2	3,122.52	1/2	2,763.15
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,908.90	3/4	4,551.15	3/4	4,192.80	3/4	3,833.77	3/4	3,474.40	3/4	3,115.03	3/4	2,755.66
8		8		8		8		8	4,901.51	8	4,543.68	8	4,185.34	8	3,826.29	8	3,466.92	8	3,107.55	8	2,748.17
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,894.12	1/4	4,536.22	1/4	4,177.87	1/4	3,818.80	1/4	3,459.43	1/4	3,100.06	1/4	2,740.69
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,886.72	1/2	4,528.75	1/2	4,170.41	1/2	3,811.31	1/2	3,451.94	1/2	3,092.57	1/2	2,733.20
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,879.33	3/4	4,521.29	3/4	4,162.94	3/4	3,803.83	3/4	3,444.46	3/4	3,085.08	3/4	2,725.71
9		9		9		9		9	4,871.94	9	4,513.82	9	4,155.48	9	3,796.34	9	3,436.97	9	3,077.60	9	2,718.23
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,864.55	1/4	4,506.35	1/4	4,148.01	1/4	3,788.85	1/4	3,429.48	1/4	3,070.11	1/4	2,710.74
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,857.16	1/2	4,498.89	1/2	4,140.54	1/2	3,781.37	1/2	3,421.99	1/2	3,062.62	1/2	2,703.25
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,849.77	3/4	4,491.42	3/4	4,133.08	3/4	3,773.88	3/4	3,414.51	3/4	3,055.14	3/4	2,695.77
10		10		10		10		10	4,842.30	10	4,483.96	10	4,125.61	10	3,766.39	10	3,407.02	10	3,047.65	10	2,688.28
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,834.84	1/4	4,476.49	1/4	4,118.15	1/4	3,758.91	1/4	3,399.53	1/4	3,040.16	1/4	2,680.79
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,827.37	1/2	4,469.03	1/2	4,110.68	1/2	3,751.42	1/2	3,392.05	1/2	3,032.68	1/2	2,673.30
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,819.91	3/4	4,461.56	3/4	4,103.22	3/4	3,743.93	3/4	3,384.56	3/4	3,025.19	3/4	2,665.82
11		11		11		11		11	4,812.44	11	4,454.10	11	4,095.75	11	3,736.44	11	3,377.07	11	3,017.70	11	2,658.33
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,804.97	1/4	4,446.63	1/4	4,088.29	1/4	3,728.96	1/4	3,369.59	1/4	3,010.22	1/4	2,650.84
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,797.51	1/2	4,439.16	1/2	4,080.82	1/2	3,721.47	1/2	3,362.10	1/2	3,002.73	1/2	2,643.35
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,790.04	3/4	4,431.70	3/4	4,073.36	3/4	3,713.98	3/4	3,354.61	3/4	2,995.24	3/4	2,635.86

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 WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTC 29137"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "307"

GAUGE HEIGHT 17'-03 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,628.37	0	2,268.89	0	1,909.41	0	1,549.93	0	1,190.45	0	831.47	0	471.99	0	112.52	0		0	
1/4	2,620.88	1/4	2,261.40	1/4	1,901.92	1/4	1,542.44	1/4	1,182.96	1/4	823.98	1/4	464.50	1/4	105.04	1/4		1/4	
1/2	2,613.39	1/2	2,253.91	1/2	1,894.43	1/2	1,534.95	1/2	1,175.47	1/2	816.49	1/2	457.01	1/2	97.56	1/2		1/2	
3/4	2,605.90	3/4	2,246.42	3/4	1,886.94	3/4	1,527.46	3/4	1,167.98	3/4	809.00	3/4	449.52	3/4	90.09	3/4		3/4	
1	2,598.42	1	2,238.93	1	1,879.45	1	1,519.97	1	1,160.49	1	801.51	1	442.03	1	82.63	1		1	
1/4	2,590.93	1/4	2,231.44	1/4	1,871.96	1/4	1,512.48	1/4	1,153.01	1/4	794.02	1/4	434.54	1/4	75.18	1/4		1/4	
1/2	2,583.44	1/2	2,223.96	1/2	1,864.47	1/2	1,504.99	1/2	1,145.53	1/2	786.53	1/2	427.05	1/2	67.73	1/2		1/2	
3/4	2,575.95	3/4	2,216.47	3/4	1,856.98	3/4	1,497.50	3/4	1,138.04	3/4	779.05	3/4	419.56	3/4	60.28	3/4		3/4	
2	2,568.46	2	2,208.98	2	1,849.50	2	1,490.01	2	1,130.56	2	771.56	2	412.07	2	53.72	2		2	
1/4	2,560.97	1/4	2,201.49	1/4	1,842.01	1/4	1,482.52	1/4	1,123.08	1/4	764.07	1/4	404.59	1/4	47.17	1/4		1/4	
1/2	2,553.48	1/2	2,194.00	1/2	1,834.52	1/2	1,475.04	1/2	1,115.59	1/2	756.58	1/2	397.10	1/2	40.62	1/2		1/2	
3/4	2,545.99	3/4	2,186.51	3/4	1,827.03	3/4	1,467.55	3/4	1,108.11	3/4	749.09	3/4	389.61	3/4	34.07	3/4		3/4	
3	2,538.50	3	2,179.02	3	1,819.54	3	1,460.06	3	1,100.63	3	741.60	3	382.12	3	29.39	3		3	
1/4	2,531.01	1/4	2,171.53	1/4	1,812.05	1/4	1,452.57	1/4	1,093.16	1/4	734.11	1/4	374.63	1/4	24.71	1/4		1/4	
1/2	2,523.52	1/2	2,164.04	1/2	1,804.56	1/2	1,445.08	1/2	1,085.68	1/2	726.62	1/2	367.14	1/2	20.03	1/2		1/2	
3/4	2,516.03	3/4	2,156.55	3/4	1,797.07	3/4	1,437.59	3/4	1,078.21	3/4	719.13	3/4	359.65	3/4	15.34	3/4		3/4	
4	2,508.54	4	2,149.06	4	1,789.58	4	1,430.10	4	1,070.74	4	711.64	4	352.16	4		4		4	
1/4	2,501.06	1/4	2,141.57	1/4	1,782.09	1/4	1,422.61	1/4	1,063.26	1/4	704.15	1/4	344.67	1/4		1/4		1/4	
1/2	2,493.57	1/2	2,134.08	1/2	1,774.60	1/2	1,415.12	1/2	1,055.79	1/2	696.66	1/2	337.18	1/2		1/2		1/2	
3/4	2,486.08	3/4	2,126.60	3/4	1,767.11	3/4	1,407.63	3/4	1,048.31	3/4	689.17	3/4	329.69	3/4		3/4		3/4	
5	2,478.59	5	2,119.11	5	1,759.62	5	1,400.14	5	1,040.84	5	681.69	5	322.20	5		5		5	
1/4	2,471.10	1/4	2,111.62	1/4	1,752.14	1/4	1,392.65	1/4	1,033.36	1/4	674.20	1/4	314.71	1/4		1/4		1/4	
1/2	2,463.61	1/2	2,104.13	1/2	1,744.65	1/2	1,385.16	1/2	1,025.89	1/2	666.71	1/2	307.23	1/2		1/2		1/2	
3/4	2,456.12	3/4	2,096.64	3/4	1,737.16	3/4	1,377.68	3/4	1,018.41	3/4	659.22	3/4	299.74	3/4		3/4		3/4	
6	2,448.63	6	2,089.15	6	1,729.67	6	1,370.19	6	1,010.94	6	651.73	6	292.25	6		6		6	
1/4	2,441.14	1/4	2,081.66	1/4	1,722.18	1/4	1,362.70	1/4	1,003.46	1/4	644.24	1/4	284.76	1/4		1/4		1/4	
1/2	2,433.65	1/2	2,074.17	1/2	1,714.69	1/2	1,355.21	1/2	995.99	1/2	636.75	1/2	277.27	1/2		1/2		1/2	
3/4	2,426.16	3/4	2,066.68	3/4	1,707.20	3/4	1,347.72	3/4	988.51	3/4	629.26	3/4	269.78	3/4		3/4		3/4	
7	2,418.67	7	2,059.19	7	1,699.71	7	1,340.23	7	981.04	7	621.77	7	262.29	7		7		7	
1/4	2,411.19	1/4	2,051.70	1/4	1,692.22	1/4	1,332.74	1/4	973.56	1/4	614.28	1/4	254.80	1/4		1/4		1/4	
1/2	2,403.70	1/2	2,044.21	1/2	1,684.73	1/2	1,325.25	1/2	966.09	1/2	606.79	1/2	247.31	1/2		1/2		1/2	
3/4	2,396.21	3/4	2,036.73	3/4	1,677.24	3/4	1,317.76	3/4	958.61	3/4	599.30	3/4	239.82	3/4		3/4		3/4	
8	2,388.72	8	2,029.24	8	1,669.75	8	1,310.27	8	951.14	8	591.82	8	232.33	8		8		8	
1/4	2,381.23	1/4	2,021.75	1/4	1,662.27	1/4	1,302.78	1/4	943.66	1/4	584.33	1/4	224.84	1/4		1/4		1/4	
1/2	2,373.74	1/2	2,014.26	1/2	1,654.78	1/2	1,295.29	1/2	936.19	1/2	576.84	1/2	217.36	1/2		1/2		1/2	
3/4	2,366.25	3/4	2,006.77	3/4	1,647.29	3/4	1,287.81	3/4	928.71	3/4	569.35	3/4	209.87	3/4		3/4		3/4	
9	2,358.76	9	1,999.28	9	1,639.80	9	1,280.32	9	921.24	9	561.86	9	202.38	9		9		9	
1/4	2,351.27	1/4	1,991.79	1/4	1,632.31	1/4	1,272.83	1/4	913.76	1/4	554.37	1/4	194.89	1/4		1/4		1/4	
1/2	2,343.78	1/2	1,984.30	1/2	1,624.82	1/2	1,265.34	1/2	906.29	1/2	546.88	1/2	187.40	1/2		1/2		1/2	
3/4	2,336.29	3/4	1,976.81	3/4	1,617.33	3/4	1,257.85	3/4	898.81	3/4	539.39	3/4	179.91	3/4		3/4		3/4	
10	2,328.80	10	1,969.32	10	1,609.84	10	1,250.36	10	891.34	10	531.90	10	172.42	10		10		10	
1/4	2,321.31	1/4	1,961.83	1/4	1,602.35	1/4	1,242.87	1/4	883.87	1/4	524.41	1/4	164.93	1/4		1/4		1/4	
1/2	2,313.83	1/2	1,954.34	1/2	1,594.86	1/2	1,235.38	1/2	876.39	1/2	516.92	1/2	157.44	1/2		1/2		1/2	
3/4	2,306.34	3/4	1,946.85	3/4	1,587.37	3/4	1,227.89	3/4	868.92	3/4	509.43	3/4	149.95	3/4		3/4		3/4	
11	2,298.85	11	1,939.37	11	1,579.88	11	1,220.40	11	861.43	11	501.94	11	142.46	11		11		11	
1/4	2,291.36	1/4	1,931.88	1/4	1,572.39	1/4	1,212.91	1/4	853.94	1/4	494.46	1/4	134.98	1/4		1/4		1/4	
1/2	2,283.87	1/2	1,924.39	1/2	1,564.91	1/2	1,205.42	1/2	846.45	1/2	486.97	1/2	127.49	1/2		1/2		1/2	
3/4	2,276.38	3/4	1,916.90	3/4	1,557.42	3/4	1,197.93	3/4	838.96	3/4	479.48	3/4	120.00	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/04/2017 CL
CALCULATED : 05/05/2017 CL
NAME CHANGE: 10/17/2022 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2022

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



BARGE "CTC 29137"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "E2MS 307"

GAUGE HEIGHT 17'-04"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0		0	4,260.81	0	4,041.87	0	3,822.93	0	3,603.37	0	3,316.40	0	2,960.38		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,256.25	1/4	4,037.31	1/4	3,818.35	1/4	3,598.80	1/4	3,309.00	1/4	2,952.95		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,251.69	1/2	4,032.74	1/2	3,813.78	1/2	3,594.23	1/2	3,301.61	1/2	2,945.53		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,247.13	3/4	4,028.18	3/4	3,809.20	3/4	3,589.65	3/4	3,294.21	3/4	2,938.10		
1		1		1		1	4,452.08	1	4,242.56	1	4,023.62	1	3,804.63	1	3,585.08	1	3,286.81	1	2,930.67		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,448.90	1/4	4,238.00	1/4	4,019.06	1/4	3,800.06	1/4	3,580.50	1/4	3,279.41	1/4	2,923.25		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,445.71	1/2	4,233.44	1/2	4,014.50	1/2	3,795.48	1/2	3,575.93	1/2	3,272.01	1/2	2,915.82		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,442.53	3/4	4,228.88	3/4	4,009.94	3/4	3,790.91	3/4	3,571.36	3/4	3,264.62	3/4	2,908.39		
2		2		2		2	4,439.35	2	4,224.32	2	4,005.38	2	3,786.33	2	3,566.78	2	3,257.22	2	2,900.97		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,435.40	1/4	4,219.76	1/4	4,000.82	1/4	3,781.76	1/4	3,562.21	1/4	3,249.82	1/4	2,893.54		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,431.46	1/2	4,215.20	1/2	3,996.25	1/2	3,777.19	1/2	3,557.63	1/2	3,242.42	1/2	2,886.12		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,427.51	3/4	4,210.64	3/4	3,991.69	3/4	3,772.61	3/4	3,553.06	3/4	3,235.02	3/4	2,878.69		
3		3		3		3	4,423.57	3	4,206.07	3	3,987.13	3	3,768.04	3	3,548.49	3	3,227.62	3	2,871.26		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,419.09	1/4	4,201.51	1/4	3,982.57	1/4	3,763.46	1/4	3,543.67	1/4	3,220.23	1/4	2,863.84		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,414.62	1/2	4,196.95	1/2	3,978.01	1/2	3,758.89	1/2	3,538.86	1/2	3,212.83	1/2	2,856.41		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,410.14	3/4	4,192.39	3/4	3,973.45	3/4	3,754.32	3/4	3,534.04	3/4	3,205.43	3/4	2,848.98		
4		4		4		4	4,405.67	4	4,187.83	4	3,968.89	4	3,749.74	4	3,529.23	4	3,198.03	4	2,841.56		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,401.16	1/4	4,183.27	1/4	3,964.33	1/4	3,745.17	1/4	3,523.97	1/4	3,190.61	1/4	2,834.13		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,396.65	1/2	4,178.71	1/2	3,959.76	1/2	3,740.59	1/2	3,518.72	1/2	3,183.18	1/2	2,826.70		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,392.14	3/4	4,174.15	3/4	3,955.20	3/4	3,736.02	3/4	3,513.46	3/4	3,175.75	3/4	2,819.28		
5		5		5		5	4,387.64	5	4,169.58	5	3,950.64	5	3,731.45	5	3,508.21	5	3,168.33	5	2,811.85		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,383.12	1/4	4,165.02	1/4	3,946.08	1/4	3,726.87	1/4	3,502.47	1/4	3,160.90	1/4	2,804.42		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,378.60	1/2	4,160.46	1/2	3,941.52	1/2	3,722.30	1/2	3,496.74	1/2	3,153.47	1/2	2,797.00		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,374.08	3/4	4,155.90	3/4	3,936.96	3/4	3,717.72	3/4	3,491.00	3/4	3,146.05	3/4	2,789.57		
6		6		6		6	4,369.57	6	4,151.34	6	3,932.40	6	3,713.15	6	3,485.27	6	3,138.62	6	2,782.14		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,365.05	1/4	4,146.78	1/4	3,927.84	1/4	3,708.58	1/4	3,479.07	1/4	3,131.19	1/4	2,774.72		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,360.53	1/2	4,142.22	1/2	3,923.27	1/2	3,704.00	1/2	3,472.86	1/2	3,123.77	1/2	2,767.29		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,356.01	3/4	4,137.65	3/4	3,918.71	3/4	3,699.43	3/4	3,466.66	3/4	3,116.34	3/4	2,759.86		
7		7		7		7	4,351.50	7	4,133.09	7	3,914.15	7	3,694.85	7	3,460.46	7	3,108.91	7	2,752.44		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,346.98	1/4	4,128.53	1/4	3,909.59	1/4	3,690.28	1/4	3,453.78	1/4	3,101.49	1/4	2,745.01		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,342.46	1/2	4,123.97	1/2	3,905.03	1/2	3,685.71	1/2	3,447.10	1/2	3,094.06	1/2	2,737.58		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,337.95	3/4	4,119.41	3/4	3,900.47	3/4	3,681.13	3/4	3,440.42	3/4	3,086.63	3/4	2,730.16		
8		8		8		8	4,333.43	8	4,114.85	8	3,895.91	8	3,676.56	8	3,433.74	8	3,079.21	8	2,722.73		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,328.91	1/4	4,110.29	1/4	3,891.34	1/4	3,671.98	1/4	3,426.58	1/4	3,071.78	1/4	2,715.30		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,324.40	1/2	4,105.73	1/2	3,886.78	1/2	3,667.41	1/2	3,419.42	1/2	3,064.35	1/2	2,707.88		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,319.88	3/4	4,101.16	3/4	3,882.22	3/4	3,662.84	3/4	3,412.27	3/4	3,056.93	3/4	2,700.45		
9		9		9		9	4,315.37	9	4,096.60	9	3,877.66	9	3,658.26	9	3,405.11	9	3,049.50	9	2,693.02		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,310.85	1/4	4,092.04	1/4	3,873.10	1/4	3,653.69	1/4	3,397.72	1/4	3,042.07	1/4	2,685.60		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,306.33	1/2	4,087.48	1/2	3,868.54	1/2	3,649.11	1/2	3,390.34	1/2	3,034.65	1/2	2,678.17		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,301.82	3/4	4,082.92	3/4	3,863.98	3/4	3,644.54	3/4	3,382.96	3/4	3,027.22	3/4	2,670.74		
10		10		10		10	4,297.30	10	4,078.36	10	3,859.42	10	3,639.97	10	3,375.57	10	3,019.79	10	2,663.32		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,292.74	1/4	4,073.80	1/4	3,854.85	1/4	3,635.39	1/4	3,368.18	1/4	3,012.37	1/4	2,655.89		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,288.18	1/2	4,069.24	1/2	3,850.29	1/2	3,630.82	1/2	3,360.78	1/2	3,004.94	1/2	2,648.46		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,283.62	3/4	4,064.67	3/4	3,845.73	3/4	3,626.24	3/4	3,353.39	3/4	2,997.51	3/4	2,641.04		
11		11		11		11	4,279.06	11	4,060.11	11	3,841.17	11	3,621.67	11	3,345.99	11	2,990.09	11	2,633.61		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,274.49	1/4	4,055.55	1/4	3,836.61	1/4	3,617.10	1/4	3,338.60	1/4	2,982.66	1/4	2,626.18		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,269.93	1/2	4,050.99	1/2	3,832.05	1/2	3,612.52	1/2	3,331.20	1/2	2,975.23	1/2	2,618.76		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,265.37	3/4	4,046.43	3/4	3,827.49	3/4	3,607.95	3/4	3,323.80	3/4	2,967.81	3/4	2,611.33		

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 WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTC 29137"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "E2MS 307"

GAUGE HEIGHT 17'-04"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,603.90	0	2,247.17	0	1,890.89	0	1,534.35	0	1,177.49	0	833.62	0	476.77	0	119.39	0		0	
1/4	2,596.47	1/4	2,239.74	1/4	1,883.47	1/4	1,526.92	1/4	1,170.26	1/4	826.24	1/4	469.33	1/4	111.95	1/4		1/4	
1/2	2,589.04	1/2	2,232.31	1/2	1,876.05	1/2	1,519.48	1/2	1,163.03	1/2	818.87	1/2	461.89	1/2	104.51	1/2		1/2	
3/4	2,581.62	3/4	2,224.88	3/4	1,868.63	3/4	1,512.05	3/4	1,155.80	3/4	811.49	3/4	454.45	3/4	97.07	3/4		3/4	
1	2,574.19	1	2,217.44	1	1,861.22	1	1,504.61	1	1,148.57	1	804.12	1	447.01	1	89.63	1		1	
1/4	2,566.76	1/4	2,210.01	1/4	1,853.80	1/4	1,497.18	1/4	1,141.36	1/4	796.68	1/4	439.57	1/4	82.21	1/4		1/4	
1/2	2,559.33	1/2	2,202.58	1/2	1,846.38	1/2	1,489.74	1/2	1,134.15	1/2	789.24	1/2	432.13	1/2	74.80	1/2		1/2	
3/4	2,551.91	3/4	2,195.15	3/4	1,838.96	3/4	1,482.31	3/4	1,126.93	3/4	781.80	3/4	424.69	3/4	67.38	3/4		3/4	
2	2,544.48	2	2,187.72	2	1,831.54	2	1,474.87	2	1,119.72	2	774.36	2	417.25	2	59.97	2		2	
1/4	2,537.05	1/4	2,180.29	1/4	1,824.12	1/4	1,467.44	1/4	1,112.51	1/4	766.92	1/4	409.81	1/4	53.45	1/4		1/4	
1/2	2,529.62	1/2	2,172.86	1/2	1,816.71	1/2	1,460.00	1/2	1,105.29	1/2	759.48	1/2	402.37	1/2	46.93	1/2		1/2	
3/4	2,522.19	3/4	2,165.42	3/4	1,809.29	3/4	1,452.57	3/4	1,098.08	3/4	752.04	3/4	394.93	3/4	40.41	3/4		3/4	
3	2,514.77	3	2,157.99	3	1,801.87	3	1,445.13	3	1,090.86	3	744.60	3	387.49	3	33.89	3		3	
1/4	2,507.34	1/4	2,150.56	1/4	1,794.45	1/4	1,437.70	1/4	1,083.72	1/4	737.16	1/4	380.05	1/4	29.24	1/4		1/4	
1/2	2,499.91	1/2	2,143.13	1/2	1,787.03	1/2	1,430.26	1/2	1,076.58	1/2	729.72	1/2	372.61	1/2	24.58	1/2		1/2	
3/4	2,492.48	3/4	2,135.70	3/4	1,779.61	3/4	1,422.83	3/4	1,069.43	3/4	722.28	3/4	365.17	3/4	19.92	3/4		3/4	
4	2,485.05	4	2,128.27	4	1,772.20	4	1,415.40	4	1,062.29	4	714.84	4	357.73	4	15.27	4		4	
1/4	2,477.63	1/4	2,120.84	1/4	1,764.78	1/4	1,407.96	1/4	1,055.15	1/4	707.40	1/4	350.29	1/4		1/4		1/4	
1/2	2,470.20	1/2	2,113.41	1/2	1,757.36	1/2	1,400.53	1/2	1,048.01	1/2	699.96	1/2	342.85	1/2		1/2		1/2	
3/4	2,462.77	3/4	2,105.97	3/4	1,749.94	3/4	1,393.09	3/4	1,040.86	3/4	692.52	3/4	335.42	3/4		3/4		3/4	
5	2,455.34	5	2,098.54	5	1,742.52	5	1,385.66	5	1,033.72	5	685.08	5	327.98	5		5		5	
1/4	2,447.92	1/4	2,091.13	1/4	1,735.09	1/4	1,378.22	1/4	1,026.58	1/4	677.64	1/4	320.54	1/4		1/4		1/4	
1/2	2,440.49	1/2	2,083.72	1/2	1,727.65	1/2	1,370.79	1/2	1,019.43	1/2	670.20	1/2	313.10	1/2		1/2		1/2	
3/4	2,433.06	3/4	2,076.31	3/4	1,720.22	3/4	1,363.35	3/4	1,012.29	3/4	662.76	3/4	305.66	3/4		3/4		3/4	
6	2,425.63	6	2,068.90	6	1,712.78	6	1,355.92	6	1,005.15	6	655.32	6	298.22	6		6		6	
1/4	2,418.20	1/4	2,061.49	1/4	1,705.35	1/4	1,348.48	1/4	998.00	1/4	647.88	1/4	290.77	1/4		1/4		1/4	
1/2	2,410.76	1/2	2,054.08	1/2	1,697.91	1/2	1,341.05	1/2	990.86	1/2	640.44	1/2	283.31	1/2		1/2		1/2	
3/4	2,403.32	3/4	2,046.67	3/4	1,690.48	3/4	1,333.61	3/4	983.72	3/4	633.00	3/4	275.86	3/4		3/4		3/4	
7	2,395.88	7	2,039.25	7	1,683.04	7	1,326.18	7	976.57	7	625.56	7	268.41	7		7		7	
1/4	2,388.45	1/4	2,031.84	1/4	1,675.61	1/4	1,318.74	1/4	969.43	1/4	618.12	1/4	260.96	1/4		1/4		1/4	
1/2	2,381.01	1/2	2,024.42	1/2	1,668.18	1/2	1,311.31	1/2	962.29	1/2	610.68	1/2	253.51	1/2		1/2		1/2	
3/4	2,373.57	3/4	2,017.00	3/4	1,660.74	3/4	1,303.88	3/4	955.14	3/4	603.24	3/4	246.06	3/4		3/4		3/4	
8	2,366.14	8	2,009.58	8	1,653.31	8	1,296.44	8	948.00	8	595.80	8	238.61	8		8		8	
1/4	2,358.70	1/4	2,002.16	1/4	1,645.87	1/4	1,289.01	1/4	940.86	1/4	588.37	1/4	231.16	1/4		1/4		1/4	
1/2	2,351.26	1/2	1,994.74	1/2	1,638.44	1/2	1,281.57	1/2	933.71	1/2	580.93	1/2	223.70	1/2		1/2		1/2	
3/4	2,343.83	3/4	1,987.33	3/4	1,631.00	3/4	1,274.14	3/4	926.57	3/4	573.49	3/4	216.25	3/4		3/4		3/4	
9	2,336.39	9	1,979.91	9	1,623.57	9	1,266.70	9	919.43	9	566.05	9	208.80	9		9		9	
1/4	2,328.95	1/4	1,972.49	1/4	1,616.13	1/4	1,259.27	1/4	912.28	1/4	558.61	1/4	201.35	1/4		1/4		1/4	
1/2	2,321.52	1/2	1,965.07	1/2	1,608.70	1/2	1,251.83	1/2	905.14	1/2	551.17	1/2	193.90	1/2		1/2		1/2	
3/4	2,314.08	3/4	1,957.65	3/4	1,601.26	3/4	1,244.40	3/4	898.00	3/4	543.73	3/4	186.45	3/4		3/4		3/4	
10	2,306.64	10	1,950.23	10	1,593.83	10	1,236.96	10	890.85	10	536.29	10	179.00	10		10		10	
1/4	2,299.21	1/4	1,942.82	1/4	1,586.39	1/4	1,229.53	1/4	883.71	1/4	528.85	1/4	171.54	1/4		1/4		1/4	
1/2	2,291.77	1/2	1,935.40	1/2	1,578.96	1/2	1,222.09	1/2	876.57	1/2	521.41	1/2	164.09	1/2		1/2		1/2	
3/4	2,284.33	3/4	1,927.98	3/4	1,571.52	3/4	1,214.66	3/4	869.43	3/4	513.97	3/4	156.64	3/4		3/4		3/4	
11	2,276.89	11	1,920.56	11	1,564.09	11	1,207.22	11	862.28	11	506.53	11	149.19	11		11		11	
1/4	2,269.46	1/4	1,913.14	1/4	1,556.65	1/4	1,199.79	1/4	855.12	1/4	499.09	1/4	141.74	1/4		1/4		1/4	
1/2	2,262.03	1/2	1,905.73	1/2	1,549.22	1/2	1,192.35	1/2	847.95	1/2	491.65	1/2	134.29	1/2		1/2		1/2	
3/4	2,254.60	3/4	1,898.31	3/4	1,541.79	3/4	1,184.92	3/4	840.78	3/4	484.21	3/4	126.84	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/04/2017 CL
CALCULATED : 05/05/2017 CL
NAME CHANGE: 10/17/2022 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2022

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "CTC 29137"

3 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "E2MS 307"

GAUGE HEIGHT 17'-04"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0		0	4,277.93	0	4,059.11	0	3,840.29	0	3,620.87	0	3,333.76	0	2,977.31
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,273.37	1/4	4,054.55	1/4	3,835.72	1/4	3,616.30	1/4	3,326.36	1/4	2,969.87
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,268.81	1/2	4,049.99	1/2	3,831.15	1/2	3,611.73	1/2	3,318.95	1/2	2,962.43
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,264.25	3/4	4,045.43	3/4	3,826.58	3/4	3,607.16	3/4	3,311.54	3/4	2,955.00
1		1		1		1	4,469.07	1	4,259.69	1	4,040.87	1	3,822.01	1	3,602.59	1	3,304.13	1	2,947.56
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,465.89	1/4	4,255.13	1/4	4,036.32	1/4	3,817.44	1/4	3,598.02	1/4	3,296.73	1/4	2,940.13
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,462.71	1/2	4,250.58	1/2	4,031.76	1/2	3,812.86	1/2	3,593.45	1/2	3,289.32	1/2	2,932.69
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,459.53	3/4	4,246.02	3/4	4,027.20	3/4	3,808.29	3/4	3,588.88	3/4	3,281.91	3/4	2,925.26
2		2		2		2	4,456.35	2	4,241.46	2	4,022.64	2	3,803.72	2	3,584.30	2	3,274.51	2	2,917.82
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,452.40	1/4	4,236.90	1/4	4,018.08	1/4	3,799.15	1/4	3,579.73	1/4	3,267.10	1/4	2,910.38
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,448.46	1/2	4,232.34	1/2	4,013.52	1/2	3,794.58	1/2	3,575.16	1/2	3,259.69	1/2	2,902.95
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,444.52	3/4	4,227.78	3/4	4,008.96	3/4	3,790.01	3/4	3,570.59	3/4	3,252.28	3/4	2,895.51
3		3		3		3	4,440.57	3	4,223.22	3	4,004.41	3	3,785.44	3	3,566.02	3	3,244.88	3	2,888.08
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,436.10	1/4	4,218.66	1/4	3,999.85	1/4	3,780.87	1/4	3,561.21	1/4	3,237.47	1/4	2,880.64
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,431.63	1/2	4,214.11	1/2	3,995.29	1/2	3,776.30	1/2	3,556.40	1/2	3,230.06	1/2	2,873.21
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,427.16	3/4	4,209.55	3/4	3,990.73	3/4	3,771.72	3/4	3,551.59	3/4	3,222.66	3/4	2,865.77
4		4		4		4	4,422.69	4	4,204.99	4	3,986.17	4	3,767.15	4	3,546.78	4	3,215.25	4	2,858.33
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,418.18	1/4	4,200.43	1/4	3,981.61	1/4	3,762.58	1/4	3,541.52	1/4	3,207.81	1/4	2,850.90
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,413.68	1/2	4,195.87	1/2	3,977.05	1/2	3,758.01	1/2	3,536.27	1/2	3,200.38	1/2	2,843.46
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,409.17	3/4	4,191.31	3/4	3,972.49	3/4	3,753.44	3/4	3,531.02	3/4	3,192.94	3/4	2,836.03
5		5		5		5	4,404.66	5	4,186.75	5	3,967.94	5	3,748.87	5	3,525.77	5	3,185.51	5	2,828.59
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,400.15	1/4	4,182.19	1/4	3,963.38	1/4	3,744.30	1/4	3,520.04	1/4	3,178.07	1/4	2,821.16
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,395.64	1/2	4,177.64	1/2	3,958.82	1/2	3,739.73	1/2	3,514.31	1/2	3,170.63	1/2	2,813.72
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,391.13	3/4	4,173.08	3/4	3,954.26	3/4	3,735.15	3/4	3,508.57	3/4	3,163.20	3/4	2,806.28
6		6		6		6	4,386.61	6	4,168.52	6	3,949.70	6	3,730.58	6	3,502.84	6	3,155.76	6	2,798.85
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,382.10	1/4	4,163.96	1/4	3,945.14	1/4	3,726.01	1/4	3,496.63	1/4	3,148.33	1/4	2,791.41
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,377.58	1/2	4,159.40	1/2	3,940.58	1/2	3,721.44	1/2	3,490.42	1/2	3,140.89	1/2	2,783.98
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,373.07	3/4	4,154.84	3/4	3,936.02	3/4	3,716.87	3/4	3,484.21	3/4	3,133.46	3/4	2,776.54
7		7		7		7	4,368.55	7	4,150.28	7	3,931.47	7	3,712.30	7	3,478.00	7	3,126.02	7	2,769.11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,364.04	1/4	4,145.72	1/4	3,926.91	1/4	3,707.73	1/4	3,471.31	1/4	3,118.58	1/4	2,761.67
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,359.53	1/2	4,141.17	1/2	3,922.35	1/2	3,703.16	1/2	3,464.63	1/2	3,111.15	1/2	2,754.23
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,355.01	3/4	4,136.61	3/4	3,917.79	3/4	3,698.58	3/4	3,457.94	3/4	3,103.71	3/4	2,746.80
8		8		8		8	4,350.50	8	4,132.05	8	3,913.23	8	3,694.01	8	3,451.25	8	3,096.28	8	2,739.36
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,345.99	1/4	4,127.49	1/4	3,908.67	1/4	3,689.44	1/4	3,444.08	1/4	3,088.84	1/4	2,731.93
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,341.47	1/2	4,122.93	1/2	3,904.11	1/2	3,684.87	1/2	3,436.91	1/2	3,081.41	1/2	2,724.49
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,336.96	3/4	4,118.37	3/4	3,899.56	3/4	3,680.30	3/4	3,429.75	3/4	3,073.97	3/4	2,717.06
9		9		9		9	4,332.45	9	4,113.81	9	3,895.00	9	3,675.73	9	3,422.58	9	3,066.53	9	2,709.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,327.94	1/4	4,109.26	1/4	3,890.44	1/4	3,671.16	1/4	3,415.19	1/4	3,059.10	1/4	2,702.18
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,323.42	1/2	4,104.70	1/2	3,885.88	1/2	3,666.59	1/2	3,407.79	1/2	3,051.66	1/2	2,694.75
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,318.91	3/4	4,100.14	3/4	3,881.32	3/4	3,662.02	3/4	3,400.40	3/4	3,044.23	3/4	2,687.31
10		10		10		10	4,314.40	10	4,095.58	10	3,876.76	10	3,657.44	10	3,393.00	10	3,036.79	10	2,679.88
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,309.84	1/4	4,091.02	1/4	3,872.20	1/4	3,652.87	1/4	3,385.60	1/4	3,029.36	1/4	2,672.44
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,305.28	1/2	4,086.46	1/2	3,867.64	1/2	3,648.30	1/2	3,378.20	1/2	3,021.92	1/2	2,665.01
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,300.72	3/4	4,081.90	3/4	3,863.09	3/4	3,643.73	3/4	3,370.79	3/4	3,014.48	3/4	2,657.57
11		11		11		11	4,296.16	11	4,077.34	11	3,858.53	11	3,639.16	11	3,363.39	11	3,007.05	11	2,650.13
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,291.60	1/4	4,072.79	1/4	3,853.97	1/4	3,634.59	1/4	3,355.98	1/4	2,999.61	1/4	2,642.70
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,287.04	1/2	4,068.23	1/2	3,849.41	1/2	3,630.02	1/2	3,348.58	1/2	2,992.18	1/2	2,635.26
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,282.49	3/4	4,063.67	3/4	3,844.85	3/4	3,625.45	3/4	3,341.17	3/4	2,984.74	3/4	2,627.83

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 WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "CTC 29137"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "E2MS 307"

GAUGE HEIGHT 17'-04"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,620.39	0	2,263.21	0	1,905.80	0	1,548.40	0	1,190.99	0	834.10	0	476.70	0	119.31	0		0	
1/4	2,612.95	1/4	2,255.77	1/4	1,898.36	1/4	1,540.95	1/4	1,183.54	1/4	826.65	1/4	469.25	1/4	111.87	1/4		1/4	
1/2	2,605.52	1/2	2,248.32	1/2	1,890.91	1/2	1,533.50	1/2	1,176.10	1/2	819.20	1/2	461.81	1/2	104.44	1/2		1/2	
3/4	2,598.08	3/4	2,240.87	3/4	1,883.47	3/4	1,526.06	3/4	1,168.65	3/4	811.76	3/4	454.36	3/4	97.00	3/4		3/4	
1	2,590.64	1	2,233.43	1	1,876.02	1	1,518.61	1	1,161.20	1	804.31	1	446.91	1	89.56	1		1	
1/4	2,583.21	1/4	2,225.98	1/4	1,868.57	1/4	1,511.17	1/4	1,153.76	1/4	796.87	1/4	439.47	1/4	82.16	1/4		1/4	
1/2	2,575.77	1/2	2,218.54	1/2	1,861.13	1/2	1,503.72	1/2	1,146.32	1/2	789.42	1/2	432.02	1/2	74.75	1/2		1/2	
3/4	2,568.33	3/4	2,211.09	3/4	1,853.68	3/4	1,496.27	3/4	1,138.88	3/4	781.98	3/4	424.58	3/4	67.34	3/4		3/4	
2	2,560.90	2	2,203.64	2	1,846.24	2	1,488.83	2	1,131.44	2	774.53	2	417.13	2	59.93	2		2	
1/4	2,553.46	1/4	2,196.20	1/4	1,838.79	1/4	1,481.38	1/4	1,124.00	1/4	767.08	1/4	409.69	1/4	53.41	1/4		1/4	
1/2	2,546.03	1/2	2,188.75	1/2	1,831.34	1/2	1,473.94	1/2	1,116.56	1/2	759.64	1/2	402.24	1/2	46.90	1/2		1/2	
3/4	2,538.59	3/4	2,181.31	3/4	1,823.90	3/4	1,466.49	3/4	1,109.12	3/4	752.19	3/4	394.79	3/4	40.39	3/4		3/4	
3	2,531.15	3	2,173.86	3	1,816.45	3	1,459.04	3	1,101.68	3	744.75	3	387.35	3	33.87	3		3	
1/4	2,523.72	1/4	2,166.41	1/4	1,809.01	1/4	1,451.60	1/4	1,094.25	1/4	737.30	1/4	379.90	1/4	29.22	1/4		1/4	
1/2	2,516.28	1/2	2,158.97	1/2	1,801.56	1/2	1,444.15	1/2	1,086.82	1/2	729.86	1/2	372.46	1/2	24.57	1/2		1/2	
3/4	2,508.84	3/4	2,151.52	3/4	1,794.11	3/4	1,436.71	3/4	1,079.39	3/4	722.41	3/4	365.01	3/4	19.91	3/4		3/4	
4	2,501.41	4	2,144.08	4	1,786.67	4	1,429.26	4	1,071.96	4	714.96	4	357.57	4	15.26	4		4	
1/4	2,493.97	1/4	2,136.63	1/4	1,779.22	1/4	1,421.81	1/4	1,064.52	1/4	707.52	1/4	350.12	1/4		1/4		1/4	
1/2	2,486.53	1/2	2,129.18	1/2	1,771.78	1/2	1,414.37	1/2	1,057.09	1/2	700.07	1/2	342.67	1/2		1/2		1/2	
3/4	2,479.10	3/4	2,121.74	3/4	1,764.33	3/4	1,406.92	3/4	1,049.66	3/4	692.63	3/4	335.23	3/4		3/4		3/4	
5	2,471.66	5	2,114.29	5	1,756.88	5	1,399.48	5	1,042.23	5	685.18	5	327.78	5		5		5	
1/4	2,464.22	1/4	2,106.85	1/4	1,749.44	1/4	1,392.03	1/4	1,034.80	1/4	677.73	1/4	320.34	1/4		1/4		1/4	
1/2	2,456.79	1/2	2,099.40	1/2	1,741.99	1/2	1,384.58	1/2	1,027.37	1/2	670.29	1/2	312.89	1/2		1/2		1/2	
3/4	2,449.35	3/4	2,091.95	3/4	1,734.55	3/4	1,377.14	3/4	1,019.94	3/4	662.84	3/4	305.44	3/4		3/4		3/4	
6	2,441.92	6	2,084.51	6	1,727.10	6	1,369.69	6	1,012.51	6	655.40	6	298.00	6		6		6	
1/4	2,434.47	1/4	2,077.06	1/4	1,719.65	1/4	1,362.25	1/4	1,005.07	1/4	647.95	1/4	290.55	1/4		1/4		1/4	
1/2	2,427.02	1/2	2,069.62	1/2	1,712.21	1/2	1,354.80	1/2	997.64	1/2	640.51	1/2	283.11	1/2		1/2		1/2	
3/4	2,419.58	3/4	2,062.17	3/4	1,704.76	3/4	1,347.35	3/4	990.21	3/4	633.06	3/4	275.66	3/4		3/4		3/4	
7	2,412.13	7	2,054.72	7	1,697.32	7	1,339.91	7	982.78	7	625.61	7	268.22	7		7		7	
1/4	2,404.69	1/4	2,047.28	1/4	1,689.87	1/4	1,332.46	1/4	975.35	1/4	618.17	1/4	260.77	1/4		1/4		1/4	
1/2	2,397.24	1/2	2,039.83	1/2	1,682.42	1/2	1,325.02	1/2	967.92	1/2	610.72	1/2	253.32	1/2		1/2		1/2	
3/4	2,389.79	3/4	2,032.39	3/4	1,674.98	3/4	1,317.57	3/4	960.49	3/4	603.28	3/4	245.88	3/4		3/4		3/4	
8	2,382.35	8	2,024.94	8	1,667.53	8	1,310.12	8	953.06	8	595.83	8	238.43	8		8		8	
1/4	2,374.90	1/4	2,017.49	1/4	1,660.09	1/4	1,302.68	1/4	945.62	1/4	588.39	1/4	230.99	1/4		1/4		1/4	
1/2	2,367.46	1/2	2,010.05	1/2	1,652.64	1/2	1,295.23	1/2	938.19	1/2	580.94	1/2	223.54	1/2		1/2		1/2	
3/4	2,360.01	3/4	2,002.60	3/4	1,645.19	3/4	1,287.79	3/4	930.76	3/4	573.49	3/4	216.10	3/4		3/4		3/4	
9	2,352.56	9	1,995.16	9	1,637.75	9	1,280.34	9	923.33	9	566.05	9	208.65	9		9		9	
1/4	2,345.12	1/4	1,987.71	1/4	1,630.30	1/4	1,272.89	1/4	915.90	1/4	558.60	1/4	201.20	1/4		1/4		1/4	
1/2	2,337.67	1/2	1,980.26	1/2	1,622.86	1/2	1,265.45	1/2	908.47	1/2	551.16	1/2	193.76	1/2		1/2		1/2	
3/4	2,330.23	3/4	1,972.82	3/4	1,615.41	3/4	1,258.00	3/4	901.04	3/4	543.71	3/4	186.31	3/4		3/4		3/4	
10	2,322.78	10	1,965.37	10	1,607.96	10	1,250.56	10	893.60	10	536.26	10	178.87	10		10		10	
1/4	2,315.33	1/4	1,957.93	1/4	1,600.52	1/4	1,243.11	1/4	886.17	1/4	528.82	1/4	171.42	1/4		1/4		1/4	
1/2	2,307.89	1/2	1,950.48	1/2	1,593.07	1/2	1,235.66	1/2	878.74	1/2	521.37	1/2	163.97	1/2		1/2		1/2	
3/4	2,300.44	3/4	1,943.03	3/4	1,585.63	3/4	1,228.22	3/4	871.31	3/4	513.93	3/4	156.53	3/4		3/4		3/4	
11	2,293.00	11	1,935.59	11	1,578.18	11	1,220.77	11	863.88	11	506.48	11	149.08	11		11		11	
1/4	2,285.55	1/4	1,928.14	1/4	1,570.73	1/4	1,213.33	1/4	856.43	1/4	499.04	1/4	141.64	1/4		1/4		1/4	
1/2	2,278.10	1/2	1,920.70	1/2	1,563.29	1/2	1,205.88	1/2	848.99	1/2	491.59	1/2	134.19	1/2		1/2		1/2	
3/4	2,270.66	3/4	1,913.25	3/4	1,555.84	3/4	1,198.43	3/4	841.54	3/4	484.14	3/4	126.75	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/04/2017 CL
CALCULATED : 05/05/2017 CL
NAME CHANGE: 10/17/2022 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2022

PRECISION MEASUREMENT
& ANALYSIS, INC.

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