



## BARGE: E2MS 107

### INNAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

LENGTH BETWEEN DRAFT MARKS: 163'-09"

August 1, 2019

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



BARGE "E2MS 107"

1 CENTER  
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 3/4"

Table with columns for gauge height (0 FT. to 9 FT.) and corresponding capacity values in barrels of 42 U.S. gallons. The table is organized in a grid with 18 columns and 30 rows.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE  
GAUGE POINT; (HERMETIC) LOCATED ON CENTERLINE AND 23'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2082  
Pearland, Texas 77588  
http://www.pmacorp.net



# BARGE "E2MS 107"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 3/4"

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	2,437.90	2,666.00	2,876.76	3,087.52	3,298.28					
1/4	2,443.04	2,670.39	2,881.15	3,091.91	3,302.67					
1/2	2,448.18	2,674.78	2,885.54	3,096.30	3,307.06					
3/4	2,453.32	2,679.18	2,889.93	3,100.69	3,311.45					
1	2,458.47	2,683.57	2,894.32	3,105.08	3,315.84					
1 1/4	2,463.61	2,687.96	2,898.72	3,109.47	3,320.23					
1 1/2	2,468.75	2,692.35	2,903.11	3,113.86	3,324.62					
3/4	2,473.89	2,696.74	2,907.50	3,118.25	3,329.01					
2	2,479.03	2,701.13	2,911.89	3,122.65	3,333.40					
1 1/4	2,484.17	2,705.52	2,916.28	3,127.04	3,337.80					
1 1/2	2,489.31	2,709.91	2,920.67	3,131.43	3,342.19					
3/4	2,494.46	2,714.30	2,925.06	3,135.82	3,346.58					
3	2,499.60	2,718.69	2,929.45	3,140.21	3,350.97					
1 1/4	2,504.74	2,723.08	2,933.84	3,144.60	3,355.36					
1 1/2	2,509.88	2,727.47	2,938.23	3,148.99	3,359.75					
3/4	2,515.02	2,731.86	2,942.62	3,153.38	3,364.14					
4	2,520.16	2,736.25	2,947.01	3,157.77	3,368.53					
1 1/4	2,525.29	2,740.65	2,951.40	3,162.16	3,372.92					
1 1/2	2,530.42	2,745.04	2,955.80	3,166.55	3,377.31					
3/4	2,535.56	2,749.43	2,960.19	3,170.94	3,381.70					
5	2,540.69	2,753.82	2,964.58	3,175.33	3,386.09					
1 1/4	2,545.83	2,758.21	2,968.97	3,179.72	3,390.48					
1 1/2	2,550.96	2,762.60	2,973.36	3,184.11	3,394.87					
3/4	2,556.09	2,766.99	2,977.75	3,188.50	3,399.26					
6	2,561.22	2,771.38	2,982.14	3,192.89	3,403.65					
1 1/4	2,566.35	2,775.77	2,986.53	3,197.28	3,408.04					
1 1/2	2,569.89	2,780.16	2,990.92	3,201.67	3,412.43					
3/4	2,574.24	2,784.55	2,995.31	3,206.06	3,416.82					
7	2,578.60	2,788.95	2,999.70	3,210.45	3,421.21					
1 1/4	2,582.96	2,793.34	3,004.09	3,214.84	3,425.60					
1 1/2	2,587.31	2,797.73	3,008.48	3,219.23	3,430.00					
3/4	2,591.67	2,802.12	3,012.88	3,223.63	3,434.39					
8	2,596.03	2,806.51	3,017.27	3,228.02	3,438.78					
1 1/4	2,600.38	2,810.90	3,021.66	3,232.42	3,443.17					
1 1/2	2,604.74	2,815.29	3,026.05	3,236.81	3,447.56					
3/4	2,609.09	2,819.68	3,030.44	3,241.20	3,451.95					
9	2,613.45	2,824.07	3,034.83	3,245.59	3,456.34					
1 1/4	2,617.81	2,828.46	3,039.22	3,249.98	3,460.73					
1 1/2	2,622.16	2,832.85	3,043.61	3,254.37	3,465.12					
3/4	2,626.52	2,837.24	3,048.00	3,258.76	3,469.51					
10	2,630.88	2,841.63	3,052.39	3,263.15	3,473.90					
1 1/4	2,635.27	2,846.03	3,056.78	3,267.54	3,478.29					
1 1/2	2,639.66	2,850.42	3,061.17	3,271.93	3,482.68					
3/4	2,644.05	2,854.81	3,065.57	3,276.32	3,487.07					
11	2,648.44	2,859.20	3,069.96	3,280.71	3,491.46					
1 1/4	2,652.83	2,863.59	3,074.35	3,285.10	3,495.85					
1 1/2	2,657.22	2,867.98	3,078.74	3,289.50	3,500.24					
3/4	2,661.61	2,872.37	3,083.13	3,293.89	3,504.63					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/01/2019 JS  
CALCULATED: 08/02/2019 CL  
PRINTED: 08/03/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "E2MS 107"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 3/4"

	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	0.73	240.47	514.79	785.68	1,056.59	1,330.91	1,605.24	1,879.56	2,153.89	2,428.21
1/4	1.68	246.19	520.50	791.23	1,062.30	1,336.63	1,610.95	1,885.28	2,159.60	2,433.93
1/2	2.63	251.90	526.22	796.77	1,068.02	1,342.34	1,616.67	1,890.99	2,165.32	2,439.64
3/4	3.58	257.62	531.93	802.31	1,073.73	1,348.06	1,622.38	1,896.71	2,171.03	2,445.36
1	4.53	263.33	537.65	807.86	1,079.45	1,353.77	1,628.10	1,902.42	2,176.75	2,451.07
1/4	7.39	269.05	543.36	813.40	1,085.16	1,359.49	1,633.81	1,908.14	2,182.46	2,456.79
1/2	10.25	274.76	549.08	818.94	1,090.88	1,365.20	1,639.53	1,913.85	2,188.18	2,462.50
3/4	13.10	280.48	554.79	824.48	1,096.59	1,370.92	1,645.24	1,919.57	2,193.89	2,468.22
2	15.96	286.19	560.51	830.03	1,102.31	1,376.63	1,650.96	1,925.28	2,199.61	2,473.93
1/4	20.72	291.91	566.22	835.57	1,108.02	1,382.35	1,656.67	1,931.00	2,205.32	2,479.65
1/2	25.48	297.62	571.94	841.11	1,113.74	1,388.06	1,662.39	1,936.71	2,211.04	2,485.36
3/4	30.24	303.34	577.65	846.66	1,119.45	1,393.78	1,668.10	1,942.43	2,216.75	2,491.08
3	35.00	309.05	583.37	852.20	1,125.17	1,399.49	1,673.82	1,948.14	2,222.47	2,496.79
1/4	40.67	314.77	589.08	857.74	1,130.88	1,405.21	1,679.53	1,953.86	2,228.18	2,502.51
1/2	46.33	320.48	594.80	863.29	1,136.60	1,410.92	1,685.25	1,959.57	2,233.90	2,508.22
3/4	52.00	326.20	600.51	868.83	1,142.31	1,416.64	1,690.98	1,965.28	2,239.61	2,513.94
4	57.66	331.91	606.23	874.37	1,148.03	1,422.35	1,696.68	1,971.00	2,245.33	2,519.65
1/4	63.38	337.63	611.94	879.92	1,153.74	1,428.07	1,702.39	1,976.72	2,251.04	2,525.37
1/2	69.06	343.34	617.66	885.47	1,159.46	1,433.78	1,708.11	1,982.43	2,256.76	2,531.08
3/4	74.76	349.06	623.37	891.02	1,165.17	1,439.50	1,713.82	1,988.15	2,262.47	2,536.80
6	80.46	354.77	629.09	896.56	1,170.89	1,445.21	1,719.54	1,993.86	2,268.19	2,542.51
1/4	86.18	360.49	634.80	902.20	1,176.60	1,450.93	1,725.25	1,999.58	2,273.90	2,548.22
1/2	91.89	366.20	640.52	907.99	1,182.32	1,456.64	1,730.97	2,005.29	2,279.62	2,553.94
3/4	97.60	371.92	646.23	913.71	1,188.03	1,462.36	1,736.68	2,011.01	2,285.33	2,559.66
8	103.32	377.63	651.95	919.42	1,193.75	1,468.07	1,742.40	2,016.72	2,291.05	2,565.37
1/4	109.03	383.35	657.66	925.14	1,199.46	1,473.79	1,748.11	2,022.44	2,296.76	2,571.09
1/2	114.75	389.06	663.38	930.86	1,205.18	1,479.50	1,753.83	2,028.15	2,302.48	2,576.80
3/4	120.46	394.78	669.09	936.57	1,210.90	1,485.22	1,759.54	2,033.87	2,308.19	2,582.52
7	126.18	400.49	674.81	942.29	1,216.61	1,490.93	1,765.26	2,039.58	2,313.91	2,588.23
1/4	131.89	406.21	680.35	948.00	1,222.33	1,496.65	1,770.97	2,045.30	2,319.62	2,593.95
1/2	137.61	411.92	685.90	953.72	1,228.04	1,502.37	1,776.69	2,051.01	2,325.34	2,599.66
3/4	143.32	417.64	691.45	959.43	1,233.76	1,508.08	1,782.40	2,056.73	2,331.05	2,605.38
8	149.03	423.35	697.00	965.15	1,239.47	1,513.80	1,788.12	2,062.44	2,336.77	2,611.09
1/4	154.75	429.06	702.54	970.86	1,245.19	1,519.51	1,793.84	2,068.16	2,342.48	2,616.81
1/2	160.46	434.78	708.08	976.58	1,250.90	1,525.23	1,799.55	2,073.88	2,348.20	2,622.52
3/4	166.18	440.49	713.63	982.29	1,256.62	1,530.94	1,805.27	2,079.59	2,353.91	2,628.24
9	171.89	446.21	719.17	988.01	1,262.33	1,536.66	1,810.98	2,085.31	2,359.63	2,633.95
1/4	177.61	451.92	724.71	993.72	1,268.05	1,542.37	1,816.70	2,091.02	2,365.35	2,639.67
1/2	183.32	457.64	730.25	999.44	1,273.76	1,548.09	1,822.41	2,096.74	2,371.06	2,645.39
3/4	189.04	463.35	735.80	1,005.15	1,279.48	1,553.80	1,828.13	2,102.45	2,376.78	2,651.10
10	194.75	469.07	741.34	1,010.87	1,285.19	1,559.52	1,833.84	2,108.17	2,382.49	2,656.82
1/4	200.47	474.78	746.88	1,016.58	1,290.91	1,565.23	1,839.56	2,113.88	2,388.21	2,662.53
1/2	206.18	480.50	752.43	1,022.30	1,296.62	1,570.95	1,845.27	2,119.60	2,393.92	2,668.25
3/4	211.90	486.21	757.97	1,028.01	1,302.34	1,576.66	1,850.99	2,125.31	2,399.64	2,673.96
11	217.61	491.93	763.51	1,033.73	1,308.05	1,582.38	1,856.70	2,131.03	2,405.35	2,679.68
1/4	223.33	497.64	769.08	1,039.44	1,313.77	1,588.09	1,862.42	2,136.74	2,411.07	2,685.39
1/2	229.04	503.36	774.60	1,045.16	1,319.48	1,593.81	1,868.13	2,142.46	2,416.78	2,691.11
3/4	234.76	509.07	780.14	1,050.87	1,325.20	1,599.52	1,873.85	2,148.17	2,422.50	2,696.82

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CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE  
GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 30'-00" FORWARD OF AFT BULKHEAD.

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# BARGE "E2MS 107"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	2,702.54	0	2,976.86	0	3,251.19	0	3,525.51	0	3,799.84	0	0	0	0	0	0	0	0	0	0
1/4	2,708.25	1/4	2,982.58	1/4	3,256.90	1/4	3,531.23	1/4	3,805.55	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,713.97	1/2	2,988.29	1/2	3,262.62	1/2	3,536.94	1/2	3,811.27	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,719.68	3/4	2,994.01	3/4	3,268.33	3/4	3,542.66	3/4	3,816.98	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,725.40	1	2,999.72	1	3,274.05	1	3,548.37	1	3,822.70	1	1	1	1	1	1	1	1	1	1
1 1/4	2,731.11	1 1/4	3,005.44	1 1/4	3,279.76	1 1/4	3,554.09	1 1/4	3,828.41	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,736.83	1 1/2	3,011.15	1 1/2	3,285.46	1 1/2	3,559.80	1 1/2	3,834.13	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
2	2,742.54	2	3,016.87	2	3,291.19	2	3,565.52	2	3,839.84	2	2	2	2	2	2	2	2	2	2
2 1/4	2,748.26	2 1/4	3,022.58	2 1/4	3,296.91	2 1/4	3,571.23	2 1/4	3,845.56	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4
1 1/2	2,753.97	1 1/2	3,028.30	1 1/2	3,302.62	1 1/2	3,576.95	1 1/2	3,851.27	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
1 1/2	2,759.69	1 1/2	3,034.01	1 1/2	3,308.34	1 1/2	3,582.66	1 1/2	3,856.98	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,765.40	3/4	3,039.73	3/4	3,314.05	3/4	3,588.38	3/4	3,862.69	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	2,771.12	3	3,045.44	3	3,319.77	3	3,594.09	3	3,868.41	3	3	3	3	3	3	3	3	3	3
1 1/4	2,776.83	1 1/4	3,051.16	1 1/4	3,325.48	1 1/4	3,599.81	1 1/4	3,874.13	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,782.55	1 1/2	3,056.87	1 1/2	3,331.20	1 1/2	3,605.52	1 1/2	3,879.84	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,788.26	3/4	3,062.58	3/4	3,336.91	3/4	3,611.24	3/4	3,885.55	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	2,793.98	4	3,068.30	4	3,342.63	4	3,616.95	4	3,891.27	4	4	4	4	4	4	4	4	4	4
1 1/4	2,799.69	1 1/4	3,074.02	1 1/4	3,348.34	1 1/4	3,622.67	1 1/4	3,896.98	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,805.41	1 1/2	3,079.73	1 1/2	3,354.06	1 1/2	3,628.38	1 1/2	3,902.70	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,811.12	3/4	3,085.45	3/4	3,359.77	3/4	3,634.10	3/4	3,908.41	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	2,816.84	5	3,091.16	5	3,365.49	5	3,639.81	5	3,913.87	5	5	5	5	5	5	5	5	5	5
1 1/4	2,822.55	1 1/4	3,096.88	1 1/4	3,371.20	1 1/4	3,645.53	1 1/4	3,919.63	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,828.27	1 1/2	3,102.59	1 1/2	3,376.92	1 1/2	3,651.24	1 1/2	3,925.39	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,833.98	3/4	3,108.31	3/4	3,382.63	3/4	3,656.96	3/4	3,931.15	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	2,839.70	6	3,114.02	6	3,388.35	6	3,662.67	6	3,936.91	6	6	6	6	6	6	6	6	6	6
1 1/4	2,845.41	1 1/4	3,119.74	1 1/4	3,394.06	1 1/4	3,668.39	1 1/4	3,942.77	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,851.13	1 1/2	3,125.45	1 1/2	3,399.78	1 1/2	3,674.10	1 1/2	3,948.63	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,856.84	3/4	3,131.17	3/4	3,405.49	3/4	3,679.82	3/4	3,954.48	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	2,862.56	7	3,136.88	7	3,411.21	7	3,685.53	7	3,960.34	7	7	7	7	7	7	7	7	7	7
1 1/4	2,868.27	1 1/4	3,142.60	1 1/4	3,416.92	1 1/4	3,691.25	1 1/4	3,966.29	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,873.99	1 1/2	3,148.31	1 1/2	3,422.64	1 1/2	3,696.96	1 1/2	3,972.24	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,879.70	3/4	3,154.03	3/4	3,428.35	3/4	3,702.68	3/4	3,978.19	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	2,885.42	8	3,159.74	8	3,434.07	8	3,708.39	8	3,984.14	8	8	8	8	8	8	8	8	8	8
1 1/4	2,891.13	1 1/4	3,165.46	1 1/4	3,439.78	1 1/4	3,714.11	1 1/4	3,990.09	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,896.85	1 1/2	3,171.17	1 1/2	3,445.50	1 1/2	3,719.82	1 1/2	3,995.94	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,902.56	3/4	3,176.89	3/4	3,451.21	3/4	3,725.54	3/4	4,001.89	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	2,908.28	9	3,182.60	9	3,456.93	9	3,731.25	9	4,007.84	9	9	9	9	9	9	9	9	9	9
1 1/4	2,913.99	1 1/4	3,188.32	1 1/4	3,462.64	1 1/4	3,736.97	1 1/4	4,013.79	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,919.71	1 1/2	3,194.03	1 1/2	3,468.36	1 1/2	3,742.68	1 1/2	4,019.74	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,925.42	3/4	3,199.75	3/4	3,474.07	3/4	3,748.40	3/4	4,025.69	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	2,931.14	10	3,205.46	10	3,479.79	10	3,754.11	10	4,031.64	10	10	10	10	10	10	10	10	10	10
1 1/4	2,936.86	1 1/4	3,211.18	1 1/4	3,485.50	1 1/4	3,759.83	1 1/4	4,037.59	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,942.57	1 1/2	3,216.90	1 1/2	3,491.22	1 1/2	3,765.54	1 1/2	4,043.54	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,948.29	3/4	3,222.61	3/4	3,496.93	3/4	3,771.26	3/4	4,049.49	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	2,954.00	11	3,228.33	11	3,502.65	11	3,776.97	11	4,055.44	11	11	11	11	11	11	11	11	11	11
1 1/4	2,959.72	1 1/4	3,234.04	1 1/4	3,508.37	1 1/4	3,782.69	1 1/4	4,061.39	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,965.43	1 1/2	3,239.76	1 1/2	3,514.08	1 1/2	3,788.41	1 1/2	4,067.34	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,971.15	3/4	3,245.47	3/4	3,519.80	3/4	3,794.12	3/4	4,073.29	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CALCULATED: 08/02/2019 CL  
PRINTED: 08/03/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

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





# BARGE "E2MS 107"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-07"

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	2,425.85	0	2,671.51	0	2,917.17	0	3,162.83	0	3,408.49	0		0		0		0		0	
1/4	2,430.97	1/4	2,676.63	1/4	2,922.29	1/4	3,167.95	1/4	3,413.61	1/4		1/4		1/4		1/4		1/4	
1/2	2,436.09	1/2	2,681.75	1/2	2,927.41	1/2	3,173.07	1/2	3,418.73	1/2		1/2		1/2		1/2		1/2	
3/4	2,441.21	3/4	2,686.87	3/4	2,932.53	3/4	3,178.19	3/4	3,423.84	3/4		3/4		3/4		3/4		3/4	
1	2,446.33	1	2,691.99	1	2,937.64	1	3,183.30	1	3,428.96	1		1		1		1		1	
1 1/4	2,451.44	1 1/4	2,697.10	1 1/4	2,942.76	1 1/4	3,188.42	1 1/4	3,434.08	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	2,456.56	1 1/2	2,702.22	1 1/2	2,947.88	1 1/2	3,193.54	1 1/2	3,439.20	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	2,461.68	3/4	2,707.34	3/4	2,953.00	3/4	3,198.66	3/4	3,444.32	3/4		3/4		3/4		3/4		3/4	
2	2,466.80	2	2,712.46	2	2,958.12	2	3,203.78	2	3,449.43	2		2		2		2		2	
2 1/4	2,471.92	2 1/4	2,717.57	2 1/4	2,963.23	2 1/4	3,208.89	2 1/4	3,454.56	2 1/4		2 1/4		2 1/4		2 1/4		2 1/4	
1/2	2,477.03	1/2	2,722.69	1/2	2,968.35	1/2	3,214.01	1/2	3,459.68	1/2		1/2		1/2		1/2		1/2	
3/4	2,482.15	3/4	2,727.81	3/4	2,973.47	3/4	3,219.13	3/4	3,464.80	3/4		3/4		3/4		3/4		3/4	
3	2,487.27	3	2,732.93	3	2,978.59	3	3,224.25	3	3,469.93	3		3		3		3		3	
3 1/4	2,492.39	3 1/4	2,738.05	3 1/4	2,983.71	3 1/4	3,229.36	3 1/4	3,475.03	3 1/4		3 1/4		3 1/4		3 1/4		3 1/4	
1/2	2,497.51	1/2	2,743.16	1/2	2,988.82	1/2	3,234.48	1/2	3,480.14	1/2		1/2		1/2		1/2		1/2	
3/4	2,502.62	3/4	2,748.28	3/4	2,993.94	3/4	3,239.60	3/4	3,485.24	3/4		3/4		3/4		3/4		3/4	
4	2,507.74	4	2,753.40	4	2,999.06	4	3,244.72	4	3,490.35	4		4		4		4		4	
4 1/4	2,512.86	4 1/4	2,758.52	4 1/4	3,004.18	4 1/4	3,249.84	4 1/4	3,495.42	4 1/4		4 1/4		4 1/4		4 1/4		4 1/4	
1/2	2,517.98	1/2	2,763.64	1/2	3,009.30	1/2	3,254.95	1/2	3,500.49	1/2		1/2		1/2		1/2		1/2	
3/4	2,523.09	3/4	2,768.75	3/4	3,014.41	3/4	3,260.07	3/4	3,505.57	3/4		3/4		3/4		3/4		3/4	
5	2,528.21	5	2,773.87	5	3,019.53	5	3,265.19	5	3,510.64	5		5		5		5		5	
5 1/4	2,533.33	5 1/4	2,778.99	5 1/4	3,024.65	5 1/4	3,270.31	5 1/4	3,514.90	5 1/4		5 1/4		5 1/4		5 1/4		5 1/4	
1/2	2,538.45	1/2	2,784.11	1/2	3,029.77	1/2	3,275.43	1/2	3,518.17	1/2		1/2		1/2		1/2		1/2	
3/4	2,543.57	3/4	2,789.23	3/4	3,034.88	3/4	3,280.54	3/4	3,523.43	3/4		3/4		3/4		3/4		3/4	
6	2,548.68	6	2,794.34	6	3,040.00	6	3,285.66	6	3,527.69	6		6		6		6		6	
6 1/4	2,553.80	6 1/4	2,799.46	6 1/4	3,045.12	6 1/4	3,290.78	6 1/4	3,530.25	6 1/4		6 1/4		6 1/4		6 1/4		6 1/4	
1/2	2,558.92	1/2	2,804.58	1/2	3,050.24	1/2	3,295.90	1/2	3,532.81	1/2		1/2		1/2		1/2		1/2	
3/4	2,564.04	3/4	2,809.70	3/4	3,055.36	3/4	3,301.02	3/4	3,535.37	3/4		3/4		3/4		3/4		3/4	
7	2,569.16	7	2,814.81	7	3,060.47	7	3,306.13	7	3,537.92	7		7		7		7		7	
7 1/4	2,574.27	7 1/4	2,819.93	7 1/4	3,065.59	7 1/4	3,311.25	7 1/4	3,538.78	7 1/4		7 1/4		7 1/4		7 1/4		7 1/4	
1/2	2,579.39	1/2	2,825.05	1/2	3,070.71	1/2	3,316.37	1/2	3,539.63	1/2		1/2		1/2		1/2		1/2	
3/4	2,584.51	3/4	2,830.17	3/4	3,075.83	3/4	3,321.49	3/4	3,540.48	3/4		3/4		3/4		3/4		3/4	
8	2,589.63	8	2,835.29	8	3,080.95	8	3,326.60	8	3,541.33	8		8		8		8		8	
8 1/4	2,594.75	8 1/4	2,840.40	8 1/4	3,086.06	8 1/4	3,331.72	8 1/4		8 1/4		8 1/4		8 1/4		8 1/4		8 1/4	
1/2	2,599.86	1/2	2,845.52	1/2	3,091.18	1/2	3,336.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,604.98	3/4	2,850.64	3/4	3,096.30	3/4	3,341.96	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,610.10	9	2,855.76	9	3,101.42	9	3,347.08	9		9		9		9		9		9	
9 1/4	2,615.22	9 1/4	2,860.88	9 1/4	3,106.54	9 1/4	3,352.19	9 1/4		9 1/4		9 1/4		9 1/4		9 1/4		9 1/4	
1/2	2,620.33	1/2	2,865.99	1/2	3,111.65	1/2	3,357.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,625.45	3/4	2,871.11	3/4	3,116.77	3/4	3,362.43	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,630.57	10	2,876.23	10	3,121.89	10	3,367.55	10		10		10		10		10		10	
10 1/4	2,635.69	10 1/4	2,881.35	10 1/4	3,127.01	10 1/4	3,372.67	10 1/4		10 1/4		10 1/4		10 1/4		10 1/4		10 1/4	
1/2	2,640.81	1/2	2,886.47	1/2	3,132.12	1/2	3,377.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,645.92	3/4	2,891.58	3/4	3,137.24	3/4	3,382.90	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,651.04	11	2,896.70	11	3,142.36	11	3,388.02	11		11		11		11		11		11	
11 1/4	2,656.16	11 1/4	2,901.82	11 1/4	3,147.48	11 1/4	3,393.14	11 1/4		11 1/4		11 1/4		11 1/4		11 1/4		11 1/4	
1/2	2,661.28	1/2	2,906.94	1/2	3,152.60	1/2	3,398.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,666.40	3/4	2,912.05	3/4	3,157.71	3/4	3,403.37	3/4		3/4		3/4		3/4		3/4		3/4	

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