



BARGE "E2MS 300"

INNAGE (HERMETIC)

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-0/8	- 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	00-3/8	- 00-3/8	00-5/8	- 00-5/8	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-5/8	- 01-5/8	01-7/8	- 01-7/8
2 STBD	00-3/8	- 00-3/8	00-5/8	- 00-5/8	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-5/8	- 01-5/8	01-7/8	- 01-7/8
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 = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 PORT IS - 00-5/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 3 PORT, THE TRIM CORRECTED INNAGE IS 3'-11 3/8"

LENGTH BETWEEN DRAFT MARKS: 235'-09"

November 20, 2012

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "E2MS 300"

1 PORT INNAGE TABLE

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

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	15.30	0	303.93	0	653.73	0	1,010.32	0	1,368.07	0	1,726.51	0	2,084.95	0	2,443.39	0	2,801.77	0	3,160.11		
1/4	18.35	1/4	310.83	1/4	661.20	1/4	1,017.72	1/4	1,375.53	1/4	1,733.97	1/4	2,092.41	1/4	2,450.85	1/4	2,809.23	1/4	3,167.57		
1/2	21.39	1/2	317.72	1/2	668.67	1/2	1,025.13	1/2	1,383.00	1/2	1,741.44	1/2	2,099.88	1/2	2,458.32	1/2	2,816.70	1/2	3,175.04		
3/4	24.44	3/4	324.62	3/4	676.14	3/4	1,032.54	3/4	1,390.47	3/4	1,749.91	3/4	2,107.35	3/4	2,465.79	3/4	2,824.16	3/4	3,182.50		
1	27.48	1	331.52	1	683.60	1	1,039.95	1	1,397.94	1	1,756.38	1	2,114.82	1	2,473.26	1	2,831.63	1	3,189.97		
1/4	32.48	1/4	338.51	1/4	691.07	1/4	1,047.37	1/4	1,405.40	1/4	1,763.84	1/4	2,122.28	1/4	2,480.72	1/4	2,839.09	1/4	3,197.43		
1/2	37.48	1/2	345.49	1/2	698.54	1/2	1,054.78	1/2	1,412.87	1/2	1,771.31	1/2	2,129.75	1/2	2,488.19	1/2	2,846.56	1/2	3,204.90		
3/4	42.48	3/4	352.48	3/4	706.00	3/4	1,062.20	3/4	1,420.34	3/4	1,778.78	3/4	2,137.22	3/4	2,495.66	3/4	2,854.03	3/4	3,212.36		
2	47.48	2	359.46	2	713.47	2	1,069.62	2	1,427.81	2	1,786.25	2	2,144.69	2	2,503.13	2	2,861.49	2	3,219.83		
1/4	53.47	1/4	366.54	1/4	720.94	1/4	1,077.05	1/4	1,435.27	1/4	1,793.71	1/4	2,152.15	1/4	2,510.59	1/4	2,868.96	1/4	3,227.30		
1/2	59.45	1/2	373.61	1/2	728.41	1/2	1,084.49	1/2	1,442.74	1/2	1,801.18	1/2	2,159.62	1/2	2,518.06	1/2	2,876.42	1/2	3,234.76		
3/4	65.44	3/4	380.68	3/4	735.87	3/4	1,091.93	3/4	1,450.21	3/4	1,808.65	3/4	2,167.09	3/4	2,525.53	3/4	2,883.89	3/4	3,242.23		
3	71.42	3	387.76	3	743.34	3	1,099.36	3	1,457.68	3	1,816.12	3	2,174.56	3	2,533.00	3	2,891.35	3	3,249.69		
1/4	77.52	1/4	394.92	1/4	750.81	1/4	1,106.80	1/4	1,465.14	1/4	1,823.58	1/4	2,182.02	1/4	2,540.46	1/4	2,898.82	1/4	3,257.16		
1/2	83.62	1/2	402.08	1/2	758.28	1/2	1,114.23	1/2	1,472.61	1/2	1,831.05	1/2	2,189.49	1/2	2,547.93	1/2	2,906.28	1/2	3,264.62		
3/4	89.72	3/4	409.24	3/4	765.74	3/4	1,121.67	3/4	1,480.08	3/4	1,838.52	3/4	2,196.96	3/4	2,555.40	3/4	2,913.75	3/4	3,272.09		
4	95.82	4	416.40	4	773.21	4	1,129.11	4	1,487.55	4	1,845.99	4	2,204.43	4	2,562.87	4	2,921.21	4	3,279.55		
1/4	102.01	1/4	423.65	1/4	780.63	1/4	1,136.57	1/4	1,495.01	1/4	1,853.45	1/4	2,211.89	1/4	2,570.33	1/4	2,928.68	1/4	3,287.02		
1/2	108.21	1/2	430.90	1/2	788.04	1/2	1,144.04	1/2	1,502.48	1/2	1,860.92	1/2	2,219.36	1/2	2,577.80	1/2	2,936.15	1/2	3,294.48		
3/4	114.41	3/4	438.14	3/4	795.46	3/4	1,151.51	3/4	1,509.95	3/4	1,868.39	3/4	2,226.83	3/4	2,585.27	3/4	2,943.61	3/4	3,301.95		
5	120.60	5	445.39	5	802.88	5	1,158.98	5	1,517.42	5	1,875.86	5	2,234.30	5	2,592.74	5	2,951.08	5	3,309.42		
1/4	126.89	1/4	452.73	1/4	810.29	1/4	1,166.44	1/4	1,524.88	1/4	1,883.32	1/4	2,241.76	1/4	2,600.20	1/4	2,958.54	1/4	3,316.88		
1/2	133.17	1/2	460.06	1/2	817.69	1/2	1,173.91	1/2	1,532.35	1/2	1,890.79	1/2	2,249.23	1/2	2,607.67	1/2	2,966.01	1/2	3,324.35		
3/4	139.45	3/4	467.40	3/4	825.10	3/4	1,181.38	3/4	1,539.82	3/4	1,898.26	3/4	2,256.70	3/4	2,615.13	3/4	2,973.47	3/4	3,331.81		
6	145.74	6	474.74	6	832.51	6	1,188.85	6	1,547.29	6	1,905.73	6	2,264.17	6	2,622.60	6	2,980.94	6	3,339.28		
1/4	152.11	1/4	482.16	1/4	839.92	1/4	1,196.31	1/4	1,554.75	1/4	1,913.19	1/4	2,271.63	1/4	2,630.06	1/4	2,988.40	1/4	3,346.74		
1/2	158.48	1/2	489.58	1/2	847.33	1/2	1,203.78	1/2	1,562.22	1/2	1,920.66	1/2	2,279.10	1/2	2,637.53	1/2	2,995.87	1/2	3,354.21		
3/4	164.86	3/4	497.01	3/4	854.74	3/4	1,211.25	3/4	1,569.69	3/4	1,928.13	3/4	2,286.57	3/4	2,644.99	3/4	3,003.33	3/4	3,361.67		
7	171.23	7	504.43	7	862.15	7	1,218.72	7	1,577.16	7	1,935.60	7	2,294.04	7	2,652.46	7	3,010.80	7	3,369.14		
1/4	177.69	1/4	511.90	1/4	869.55	1/4	1,226.18	1/4	1,584.62	1/4	1,943.06	1/4	2,301.50	1/4	2,659.93	1/4	3,018.26	1/4	3,376.60		
1/2	184.15	1/2	519.36	1/2	876.96	1/2	1,233.65	1/2	1,592.09	1/2	1,950.53	1/2	2,308.97	1/2	2,667.39	1/2	3,025.73	1/2	3,384.07		
3/4	190.61	3/4	526.83	3/4	884.37	3/4	1,241.12	3/4	1,599.56	3/4	1,958.00	3/4	2,316.44	3/4	2,674.86	3/4	3,033.20	3/4	3,391.53		
8	197.07	8	534.30	8	891.78	8	1,248.59	8	1,607.03	8	1,965.47	8	2,323.91	8	2,682.32	8	3,040.66	8	3,399.00		
1/4	203.62	1/4	541.76	1/4	899.19	1/4	1,256.05	1/4	1,614.49	1/4	1,972.93	1/4	2,331.37	1/4	2,689.79	1/4	3,048.13	1/4	3,406.47		
1/2	210.16	1/2	549.22	1/2	906.60	1/2	1,263.52	1/2	1,621.96	1/2	1,980.40	1/2	2,338.84	1/2	2,697.25	1/2	3,055.59	1/2	3,413.93		
3/4	216.71	3/4	556.69	3/4	914.01	3/4	1,270.99	3/4	1,629.43	3/4	1,987.87	3/4	2,346.31	3/4	2,704.72	3/4	3,063.06	3/4	3,421.40		
9	223.26	9	564.15	9	921.41	9	1,278.46	9	1,636.90	9	1,995.34	9	2,353.78	9	2,712.18	9	3,070.52	9	3,428.86		
1/4	229.89	1/4	571.61	1/4	928.82	1/4	1,285.92	1/4	1,644.36	1/4	2,002.80	1/4	2,361.24	1/4	2,719.65	1/4	3,077.99	1/4	3,436.33		
1/2	236.53	1/2	579.07	1/2	936.23	1/2	1,293.39	1/2	1,651.83	1/2	2,010.27	1/2	2,368.71	1/2	2,727.11	1/2	3,085.45	1/2	3,443.79		
3/4	243.16	3/4	586.53	3/4	943.64	3/4	1,300.86	3/4	1,659.30	3/4	2,017.74	3/4	2,376.18	3/4	2,734.58	3/4	3,092.92	3/4	3,451.26		
10	249.80	10	593.99	10	951.05	10	1,308.33	10	1,666.77	10	2,025.21	10	2,383.65	10	2,742.04	10	3,100.38	10	3,458.72		
1/4	256.52	1/4	601.46	1/4	958.46	1/4	1,315.79	1/4	1,674.23	1/4	2,032.67	1/4	2,391.11	1/4	2,749.51	1/4	3,107.85	1/4	3,466.19		
1/2	263.24	1/2	608.93	1/2	965.86	1/2	1,323.26	1/2	1,681.70	1/2	2,040.14	1/2	2,398.58	1/2	2,756.98	1/2	3,115.31	1/2	3,473.65		
3/4	269.97	3/4	616.40	3/4	973.27	3/4	1,330.73	3/4	1,689.17	3/4	2,047.61	3/4	2,406.05	3/4	2,764.44	3/4	3,122.78	3/4	3,481.12		
11	276.69	11	623.86	11	980.68	11	1,338.20	11	1,696.64	11	2,055.08	11	2,413.52	11	2,771.91	11	3,130.25	11	3,488.58		
1/4	283.50	1/4	631.33	1/4	988.09	1/4	1,345.66	1/4	1,704.10	1/4	2,062.54	1/4	2,420.98	1/4	2,779.37	1/4	3,137.71	1/4	3,496.05		
1/2	290.31	1/2	638.80	1/2	995.50	1/2	1,353.13	1/2	1,711.57	1/2	2,070.01	1/2	2,428.45	1/2	2,786.84	1/2	3,145.18	1/2	3,503.52		
3/4	297.12	3/4	646.27	3/4	1,002.91	3/4	1,360.60	3/4	1,719.04	3/4	2,077.48	3/4	2,435.92	3/4	2,794.30	3/4	3,152.64	3/4	3,510.98		

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 42'-09" FORWARD OF AFT BULKHEAD.

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



BARGE "E2MS 300"

1 PORT INNAGE TABLE

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

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	3,518.45	0	3,876.79	0	4,234.43	0	4,591.72	0	4,947.20	0		0		0		0		0	
1/4	3,525.91	1/4	3,884.25	1/4	4,241.87	1/4	4,599.16	1/4	4,954.50	1/4		1/4		1/4		1/4		1/4	
1/2	3,533.38	1/2	3,891.72	1/2	4,249.31	1/2	4,606.61	1/2	4,961.80	1/2		1/2		1/2		1/2		1/2	
3/4	3,540.84	3/4	3,899.18	3/4	4,256.76	3/4	4,614.05	3/4	4,969.10	3/4		3/4		3/4		3/4		3/4	
1	3,548.31	1	3,906.65	1	4,264.20	1	4,621.49	1	4,976.40	1		1		1		1		1	
1/4	3,555.77	1/4	3,914.11	1/4	4,271.65	1/4	4,628.94	1/4	4,982.84	1/4		1/4		1/4		1/4		1/4	
1/2	3,563.24	1/2	3,921.58	1/2	4,279.09	1/2	4,636.38	1/2	4,989.28	1/2		1/2		1/2		1/2		1/2	
3/4	3,570.70	3/4	3,929.04	3/4	4,286.53	3/4	4,643.83	3/4	4,995.72	3/4		3/4		3/4		3/4		3/4	
2	3,578.17	2	3,936.51	2	4,293.98	2	4,651.27	2	5,002.16	2		2		2		2		2	
1/4	3,585.63	1/4	3,943.97	1/4	4,301.42	1/4	4,658.71	1/4	5,007.35	1/4		1/4		1/4		1/4		1/4	
1/2	3,593.10	1/2	3,951.44	1/2	4,308.86	1/2	4,666.16	1/2	5,012.54	1/2		1/2		1/2		1/2		1/2	
3/4	3,600.57	3/4	3,958.90	3/4	4,316.31	3/4	4,673.60	3/4	5,017.74	3/4		3/4		3/4		3/4		3/4	
3	3,608.03	3	3,966.37	3	4,323.75	3	4,681.04	3	5,022.93	3		3		3		3		3	
1/4	3,615.50	1/4	3,973.84	1/4	4,331.19	1/4	4,688.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,622.96	1/2	3,981.30	1/2	4,338.64	1/2	4,695.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,630.43	3/4	3,988.77	3/4	4,346.08	3/4	4,703.37	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,637.89	4	3,996.23	4	4,353.52	4	4,710.82	4		4		4		4		4		4	
1/4	3,645.36	1/4	4,003.68	1/4	4,360.97	1/4	4,718.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,652.82	1/2	4,011.12	1/2	4,368.41	1/2	4,725.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,660.29	3/4	4,018.56	3/4	4,375.86	3/4	4,733.15	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,667.75	5	4,026.01	5	4,383.30	5	4,740.59	5		5		5		5		5		5	
1/4	3,675.22	1/4	4,033.45	1/4	4,390.74	1/4	4,748.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,682.69	1/2	4,040.89	1/2	4,398.19	1/2	4,755.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,690.15	3/4	4,048.34	3/4	4,405.63	3/4	4,762.92	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,697.62	6	4,055.78	6	4,413.07	6	4,770.37	6		6		6		6		6		6	
1/4	3,705.08	1/4	4,063.22	1/4	4,420.52	1/4	4,777.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,712.55	1/2	4,070.67	1/2	4,427.96	1/2	4,785.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,720.01	3/4	4,078.11	3/4	4,435.40	3/4	4,792.48	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,727.48	7	4,085.56	7	4,442.85	7	4,799.85	7		7		7		7		7		7	
1/4	3,734.94	1/4	4,093.00	1/4	4,450.29	1/4	4,807.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,742.41	1/2	4,100.44	1/2	4,457.74	1/2	4,814.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,749.87	3/4	4,107.89	3/4	4,465.18	3/4	4,821.96	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,757.34	8	4,115.33	8	4,472.62	8	4,829.33	8		8		8		8		8		8	
1/4	3,764.80	1/4	4,122.77	1/4	4,480.07	1/4	4,836.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,772.27	1/2	4,130.22	1/2	4,487.51	1/2	4,844.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,779.74	3/4	4,137.66	3/4	4,494.95	3/4	4,851.44	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,787.20	9	4,145.10	9	4,502.40	9	4,858.81	9		9		9		9		9		9	
1/4	3,794.67	1/4	4,152.55	1/4	4,509.84	1/4	4,866.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,802.13	1/2	4,159.99	1/2	4,517.28	1/2	4,873.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,809.60	3/4	4,167.43	3/4	4,524.73	3/4	4,880.92	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,817.06	10	4,174.88	10	4,532.17	10	4,888.30	10		10		10		10		10		10	
1/4	3,824.53	1/4	4,182.32	1/4	4,539.61	1/4	4,895.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,831.99	1/2	4,189.77	1/2	4,547.06	1/2	4,903.03	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,839.46	3/4	4,197.21	3/4	4,554.50	3/4	4,910.40	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,846.92	11	4,204.65	11	4,561.95	11	4,917.77	11		11		11		11		11		11	
1/4	3,854.39	1/4	4,212.10	1/4	4,569.39	1/4	4,925.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,861.85	1/2	4,219.54	1/2	4,576.83	1/2	4,932.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,869.32	3/4	4,226.98	3/4	4,584.28	3/4	4,939.84	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2012 CL - SW
CALCULATED : 11/21/2012 CL
PRINTED: 11/24/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2012

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



BARGE "E2MS 300"

1 STBD INNAGE TABLE

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

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	15.29	0	303.76	0	653.43	0	1,011.30	0	1,369.45	0	1,727.72	0	2,085.98	0	2,444.24	0	2,802.45	0	3,160.61
1/4	18.34	1/4	310.65	1/4	660.89	1/4	1,018.74	1/4	1,376.92	1/4	1,735.18	1/4	2,093.44	1/4	2,451.71	1/4	2,809.91	1/4	3,168.07
1/2	21.38	1/2	317.54	1/2	668.36	1/2	1,026.19	1/2	1,384.38	1/2	1,742.64	1/2	2,100.91	1/2	2,459.17	1/2	2,817.37	1/2	3,175.53
3/4	24.42	3/4	324.44	3/4	675.82	3/4	1,033.64	3/4	1,391.85	3/4	1,750.11	3/4	2,108.37	3/4	2,466.63	3/4	2,824.83	3/4	3,182.99
1	27.47	1	331.33	1	683.29	1	1,041.09	1	1,399.31	1	1,757.57	1	2,115.83	1	2,474.10	1	2,832.29	1	3,190.45
1/4	32.46	1/4	338.31	1/4	690.75	1/4	1,048.55	1/4	1,406.77	1/4	1,765.04	1/4	2,123.30	1/4	2,481.56	1/4	2,839.75	1/4	3,197.92
1/2	37.46	1/2	345.30	1/2	698.21	1/2	1,056.01	1/2	1,414.24	1/2	1,772.50	1/2	2,130.76	1/2	2,489.02	1/2	2,847.22	1/2	3,205.38
3/4	42.46	3/4	352.28	3/4	705.68	3/4	1,063.47	3/4	1,421.70	3/4	1,779.96	3/4	2,138.23	3/4	2,496.49	3/4	2,854.68	3/4	3,212.84
2	47.45	2	359.26	2	713.14	2	1,070.93	2	1,429.16	2	1,787.43	2	2,145.69	2	2,503.95	2	2,862.14	2	3,220.30
1/4	53.43	1/4	366.33	1/4	720.60	1/4	1,078.38	1/4	1,436.63	1/4	1,794.89	1/4	2,153.15	1/4	2,511.42	1/4	2,869.60	1/4	3,227.76
1/2	59.42	1/2	373.40	1/2	728.07	1/2	1,085.84	1/2	1,444.09	1/2	1,802.35	1/2	2,160.62	1/2	2,518.88	1/2	2,877.06	1/2	3,235.22
3/4	65.40	3/4	380.47	3/4	735.53	3/4	1,093.30	3/4	1,451.56	3/4	1,809.82	3/4	2,168.08	3/4	2,526.34	3/4	2,884.52	3/4	3,242.69
3	71.38	3	387.54	3	743.00	3	1,100.76	3	1,459.02	3	1,817.28	3	2,175.54	3	2,533.81	3	2,891.99	3	3,250.15
1/4	77.48	1/4	394.69	1/4	750.46	1/4	1,108.22	1/4	1,466.48	1/4	1,824.75	1/4	2,183.01	1/4	2,541.27	1/4	2,899.45	1/4	3,257.61
1/2	83.57	1/2	401.85	1/2	757.92	1/2	1,115.69	1/2	1,473.95	1/2	1,832.21	1/2	2,190.47	1/2	2,548.73	1/2	2,906.91	1/2	3,265.07
3/4	89.67	3/4	409.01	3/4	765.39	3/4	1,123.15	3/4	1,481.41	3/4	1,839.67	3/4	2,197.94	3/4	2,556.20	3/4	2,914.37	3/4	3,272.53
4	95.76	4	416.17	4	772.85	4	1,130.61	4	1,488.88	4	1,847.14	4	2,205.40	4	2,563.66	4	2,921.83	4	3,279.99
1/4	101.95	1/4	423.41	1/4	780.31	1/4	1,138.08	1/4	1,496.34	1/4	1,854.60	1/4	2,212.86	1/4	2,571.13	1/4	2,929.29	1/4	3,287.46
1/2	108.14	1/2	430.66	1/2	787.78	1/2	1,145.54	1/2	1,503.80	1/2	1,862.07	1/2	2,220.33	1/2	2,578.59	1/2	2,936.76	1/2	3,294.92
3/4	114.34	3/4	437.90	3/4	795.24	3/4	1,153.00	3/4	1,511.27	3/4	1,869.53	3/4	2,227.79	3/4	2,586.05	3/4	2,944.22	3/4	3,302.38
5	120.53	5	445.15	5	802.71	5	1,160.47	5	1,518.73	5	1,876.99	5	2,235.26	5	2,593.52	5	2,951.68	5	3,309.84
1/4	126.81	1/4	452.48	1/4	810.16	1/4	1,167.93	1/4	1,526.19	1/4	1,884.46	1/4	2,242.72	1/4	2,600.98	1/4	2,959.14	1/4	3,317.30
1/2	133.09	1/2	459.81	1/2	817.61	1/2	1,175.40	1/2	1,533.66	1/2	1,891.92	1/2	2,250.18	1/2	2,608.44	1/2	2,966.60	1/2	3,324.76
3/4	139.37	3/4	467.14	3/4	825.06	3/4	1,182.86	3/4	1,541.12	3/4	1,899.38	3/4	2,257.65	3/4	2,615.90	3/4	2,974.06	3/4	3,332.23
6	145.65	6	474.47	6	832.50	6	1,190.32	6	1,548.59	6	1,906.85	6	2,265.11	6	2,623.36	6	2,981.53	6	3,339.69
1/4	152.02	1/4	481.89	1/4	839.95	1/4	1,197.79	1/4	1,556.05	1/4	1,914.31	1/4	2,272.57	1/4	2,630.83	1/4	2,988.99	1/4	3,347.15
1/2	158.39	1/2	489.31	1/2	847.40	1/2	1,205.25	1/2	1,563.51	1/2	1,921.78	1/2	2,280.04	1/2	2,638.29	1/2	2,996.45	1/2	3,354.61
3/4	164.76	3/4	496.73	3/4	854.85	3/4	1,212.71	3/4	1,570.98	3/4	1,929.24	3/4	2,287.50	3/4	2,645.75	3/4	3,003.91	3/4	3,362.07
7	171.13	7	504.15	7	862.30	7	1,220.18	7	1,578.44	7	1,936.70	7	2,294.97	7	2,653.21	7	3,011.37	7	3,369.53
1/4	177.58	1/4	511.62	1/4	869.75	1/4	1,227.64	1/4	1,585.90	1/4	1,944.17	1/4	2,302.43	1/4	2,660.67	1/4	3,018.83	1/4	3,377.00
1/2	184.04	1/2	519.08	1/2	877.20	1/2	1,235.11	1/2	1,593.37	1/2	1,951.63	1/2	2,309.89	1/2	2,668.13	1/2	3,026.30	1/2	3,384.46
3/4	190.50	3/4	526.55	3/4	884.65	3/4	1,242.57	3/4	1,600.83	3/4	1,959.09	3/4	2,317.36	3/4	2,675.60	3/4	3,033.76	3/4	3,391.92
8	196.95	8	534.01	8	892.10	8	1,250.03	8	1,608.30	8	1,966.56	8	2,324.82	8	2,683.06	8	3,041.22	8	3,399.38
1/4	203.50	1/4	541.47	1/4	899.55	1/4	1,257.50	1/4	1,615.76	1/4	1,974.02	1/4	2,332.28	1/4	2,690.52	1/4	3,048.68	1/4	3,406.84
1/2	210.04	1/2	548.94	1/2	907.00	1/2	1,264.96	1/2	1,623.22	1/2	1,981.49	1/2	2,339.75	1/2	2,697.98	1/2	3,056.14	1/2	3,414.30
3/4	216.58	3/4	556.40	3/4	914.45	3/4	1,272.42	3/4	1,630.69	3/4	1,988.95	3/4	2,347.21	3/4	2,705.44	3/4	3,063.60	3/4	3,421.77
9	223.13	9	563.86	9	921.90	9	1,279.89	9	1,638.15	9	1,996.41	9	2,354.68	9	2,712.90	9	3,071.07	9	3,429.23
1/4	229.76	1/4	571.33	1/4	929.35	1/4	1,287.35	1/4	1,645.61	1/4	2,003.88	1/4	2,362.14	1/4	2,720.37	1/4	3,078.53	1/4	3,436.69
1/2	236.39	1/2	578.79	1/2	936.80	1/2	1,294.82	1/2	1,653.08	1/2	2,011.34	1/2	2,369.60	1/2	2,727.83	1/2	3,085.99	1/2	3,444.15
3/4	243.02	3/4	586.26	3/4	944.25	3/4	1,302.28	3/4	1,660.54	3/4	2,018.80	3/4	2,377.07	3/4	2,735.29	3/4	3,093.45	3/4	3,451.61
10	249.65	10	593.72	10	951.70	10	1,309.74	10	1,668.01	10	2,026.27	10	2,384.53	10	2,742.75	10	3,100.91	10	3,459.07
1/4	256.37	1/4	601.18	1/4	959.15	1/4	1,317.21	1/4	1,675.47	1/4	2,033.73	1/4	2,391.99	1/4	2,750.21	1/4	3,108.37	1/4	3,466.54
1/2	263.09	1/2	608.65	1/2	966.60	1/2	1,324.67	1/2	1,682.93	1/2	2,041.20	1/2	2,399.46	1/2	2,757.67	1/2	3,115.84	1/2	3,474.00
3/4	269.81	3/4	616.11	3/4	974.05	3/4	1,332.14	3/4	1,690.40	3/4	2,048.66	3/4	2,406.92	3/4	2,765.14	3/4	3,123.30	3/4	3,481.46
11	276.53	11	623.58	11	981.50	11	1,339.60	11	1,697.86	11	2,056.12	11	2,414.39	11	2,772.60	11	3,130.76	11	3,488.92
1/4	283.34	1/4	631.04	1/4	988.95	1/4	1,347.06	1/4	1,705.33	1/4	2,063.59	1/4	2,421.85	1/4	2,780.06	1/4	3,138.22	1/4	3,496.38
1/2	290.14	1/2	638.50	1/2	996.40	1/2	1,354.53	1/2	1,712.79	1/2	2,071.05	1/2	2,429.31	1/2	2,787.52	1/2	3,145.68	1/2	3,503.84
3/4	296.95	3/4	645.97	3/4	1,003.85	3/4	1,361.99	3/4	1,720.25	3/4	2,078.52	3/4	2,436.78	3/4	2,794.98	3/4	3,153.14	3/4	3,511.31

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 42'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "E2MS 300"

1 STBD INNAGE TABLE

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

GUAGE 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	3,518.77	0	3,876.93	0	4,234.39	0	4,591.50	0	4,946.80	0		0		0		0		0	
1/4	3,526.23	1/4	3,884.39	1/4	4,241.83	1/4	4,598.94	1/4	4,954.09	1/4		1/4		1/4		1/4		1/4	
1/2	3,533.69	1/2	3,891.85	1/2	4,249.27	1/2	4,606.38	1/2	4,961.39	1/2		1/2		1/2		1/2		1/2	
3/4	3,541.15	3/4	3,899.31	3/4	4,256.71	3/4	4,613.82	3/4	4,968.69	3/4		3/4		3/4		3/4		3/4	
1	3,548.61	1	3,906.78	1	4,264.15	1	4,621.26	1	4,975.99	1		1		1		1		1	
1/4	3,556.08	1/4	3,914.24	1/4	4,271.59	1/4	4,628.70	1/4	4,982.42	1/4		1/4		1/4		1/4		1/4	
1/2	3,563.54	1/2	3,921.70	1/2	4,279.03	1/2	4,636.14	1/2	4,988.86	1/2		1/2		1/2		1/2		1/2	
3/4	3,571.00	3/4	3,929.16	3/4	4,286.47	3/4	4,643.58	3/4	4,995.29	3/4		3/4		3/4		3/4		3/4	
2	3,578.46	2	3,936.62	2	4,293.91	2	4,651.02	2	5,001.73	2		2		2		2		2	
1/4	3,585.92	1/4	3,944.09	1/4	4,301.35	1/4	4,658.46	1/4	5,006.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,593.39	1/2	3,951.55	1/2	4,308.79	1/2	4,665.90	1/2	5,012.11	1/2		1/2		1/2		1/2		1/2	
3/4	3,600.85	3/4	3,959.01	3/4	4,316.23	3/4	4,673.34	3/4	5,017.30	3/4		3/4		3/4		3/4		3/4	
3	3,608.31	3	3,966.47	3	4,323.67	3	4,680.78	3	5,022.49	3		3		3		3		3	
1/4	3,615.77	1/4	3,973.93	1/4	4,331.11	1/4	4,688.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,623.23	1/2	3,981.39	1/2	4,338.55	1/2	4,695.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,630.69	3/4	3,988.86	3/4	4,345.99	3/4	4,703.10	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,638.16	4	3,996.32	4	4,353.43	4	4,710.54	4		4		4		4		4		4	
1/4	3,645.62	1/4	4,003.76	1/4	4,360.87	1/4	4,717.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,653.08	1/2	4,011.20	1/2	4,368.31	1/2	4,725.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,660.54	3/4	4,018.64	3/4	4,375.75	3/4	4,732.86	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,668.00	5	4,026.08	5	4,383.19	5	4,740.30	5		5		5		5		5		5	
1/4	3,675.46	1/4	4,033.52	1/4	4,390.63	1/4	4,747.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,682.93	1/2	4,040.96	1/2	4,398.07	1/2	4,755.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,690.39	3/4	4,048.40	3/4	4,405.51	3/4	4,762.62	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,697.85	6	4,055.84	6	4,412.95	6	4,770.06	6		6		6		6		6		6	
1/4	3,705.31	1/4	4,063.28	1/4	4,420.39	1/4	4,777.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,712.77	1/2	4,070.71	1/2	4,427.83	1/2	4,784.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,720.23	3/4	4,078.15	3/4	4,435.27	3/4	4,792.16	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,727.70	7	4,085.59	7	4,442.70	7	4,799.52	7		7		7		7		7		7	
1/4	3,735.16	1/4	4,093.03	1/4	4,450.14	1/4	4,806.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,742.62	1/2	4,100.47	1/2	4,457.58	1/2	4,814.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,750.08	3/4	4,107.91	3/4	4,465.02	3/4	4,821.62	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,757.54	8	4,115.35	8	4,472.46	8	4,828.99	8		8		8		8		8		8	
1/4	3,765.00	1/4	4,122.79	1/4	4,479.90	1/4	4,836.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,772.47	1/2	4,130.23	1/2	4,487.34	1/2	4,843.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,779.93	3/4	4,137.67	3/4	4,494.78	3/4	4,851.09	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,787.39	9	4,145.11	9	4,502.22	9	4,858.45	9		9		9		9		9		9	
1/4	3,794.85	1/4	4,152.55	1/4	4,509.66	1/4	4,865.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,802.31	1/2	4,159.99	1/2	4,517.10	1/2	4,873.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,809.77	3/4	4,167.43	3/4	4,524.54	3/4	4,880.56	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,817.24	10	4,174.87	10	4,531.98	10	4,887.93	10		10		10		10		10		10	
1/4	3,824.70	1/4	4,182.31	1/4	4,539.42	1/4	4,895.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,832.16	1/2	4,189.75	1/2	4,546.86	1/2	4,902.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,839.62	3/4	4,197.19	3/4	4,554.30	3/4	4,910.02	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,847.08	11	4,204.63	11	4,561.74	11	4,917.38	11		11		11		11		11		11	
1/4	3,854.54	1/4	4,212.07	1/4	4,569.18	1/4	4,924.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,862.01	1/2	4,219.51	1/2	4,576.62	1/2	4,932.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,869.47	3/4	4,226.95	3/4	4,584.06	3/4	4,939.44	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2012 CL - SW
CALCULATED: 11/21/2012 CL
PRINTED: 11/24/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
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<http://www.pmacorp.net>



BARGE "E2MS 300"

2 PORT INNAGE TABLE

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

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	15.35	0	359.73	0	719.30	0	1,069.13	0	1,423.94	0	1,783.51	0	2,143.08	0	2,502.65	0	2,862.21	0	3,221.78
1/4	20.03	1/4	367.22	1/4	726.79	1/4	1,076.31	1/4	1,431.43	1/4	1,791.00	1/4	2,150.57	1/4	2,510.14	1/4	2,869.71	1/4	3,229.27
1/2	24.71	1/2	374.72	1/2	734.28	1/2	1,083.50	1/2	1,438.92	1/2	1,798.49	1/2	2,158.06	1/2	2,517.63	1/2	2,877.20	1/2	3,236.76
3/4	29.39	3/4	382.21	3/4	741.77	3/4	1,090.68	3/4	1,446.42	3/4	1,805.98	3/4	2,165.55	3/4	2,525.12	3/4	2,884.69	3/4	3,244.26
1	34.07	1	389.70	1	749.27	1	1,097.86	1	1,453.91	1	1,813.47	1	2,173.04	1	2,532.61	1	2,892.18	1	3,251.75
1/4	40.63	1/4	397.19	1/4	756.76	1/4	1,105.05	1/4	1,461.40	1/4	1,820.97	1/4	2,180.53	1/4	2,540.10	1/4	2,899.67	1/4	3,259.24
1/2	47.18	1/2	404.68	1/2	764.25	1/2	1,112.25	1/2	1,468.89	1/2	1,828.46	1/2	2,188.02	1/2	2,547.59	1/2	2,907.16	1/2	3,266.73
3/4	53.73	3/4	412.17	3/4	771.74	3/4	1,119.44	3/4	1,476.38	3/4	1,835.95	3/4	2,195.52	3/4	2,555.08	3/4	2,914.65	3/4	3,274.22
2	60.29	2	419.66	2	779.23	2	1,126.63	2	1,483.87	2	1,843.44	2	2,203.01	2	2,562.57	2	2,922.14	2	3,281.71
1/4	67.74	1/4	427.15	1/4	786.72	1/4	1,133.82	1/4	1,491.36	1/4	1,850.93	1/4	2,210.50	1/4	2,570.07	1/4	2,929.63	1/4	3,289.20
1/2	75.20	1/2	434.64	1/2	794.21	1/2	1,141.01	1/2	1,498.85	1/2	1,858.42	1/2	2,217.99	1/2	2,577.56	1/2	2,937.12	1/2	3,296.69
3/4	82.65	3/4	442.13	3/4	801.70	3/4	1,148.21	3/4	1,506.34	3/4	1,865.91	3/4	2,225.48	3/4	2,585.05	3/4	2,944.62	3/4	3,304.18
3	90.11	3	449.63	3	809.19	3	1,155.40	3	1,513.83	3	1,873.40	3	2,232.97	3	2,592.54	3	2,952.11	3	3,311.67
1/4	97.59	1/4	457.12	1/4	816.68	1/4	1,162.61	1/4	1,521.33	1/4	1,880.89	1/4	2,240.46	1/4	2,600.03	1/4	2,959.60	1/4	3,319.17
1/2	105.07	1/2	464.61	1/2	824.18	1/2	1,169.81	1/2	1,528.82	1/2	1,888.38	1/2	2,247.95	1/2	2,607.52	1/2	2,967.09	1/2	3,326.66
3/4	112.55	3/4	472.10	3/4	831.67	3/4	1,177.02	3/4	1,536.31	3/4	1,895.88	3/4	2,255.44	3/4	2,615.01	3/4	2,974.58	3/4	3,334.15
4	120.03	4	479.59	4	839.16	4	1,184.23	4	1,543.80	4	1,903.37	4	2,262.93	4	2,622.50	4	2,982.07	4	3,341.64
1/4	127.52	1/4	487.08	1/4	846.36	1/4	1,191.72	1/4	1,551.29	1/4	1,910.86	1/4	2,270.43	1/4	2,629.99	1/4	2,989.56	1/4	3,349.13
1/2	135.01	1/2	494.57	1/2	853.57	1/2	1,199.21	1/2	1,558.78	1/2	1,918.35	1/2	2,277.92	1/2	2,637.48	1/2	2,997.05	1/2	3,356.62
3/4	142.50	3/4	502.06	3/4	860.78	3/4	1,206.70	3/4	1,566.27	3/4	1,925.84	3/4	2,285.41	3/4	2,644.98	3/4	3,004.54	3/4	3,364.11
5	149.99	5	509.55	5	867.99	5	1,214.19	5	1,573.76	5	1,933.33	5	2,292.90	5	2,652.47	5	3,012.03	5	3,371.60
1/4	157.48	1/4	517.04	1/4	875.17	1/4	1,221.69	1/4	1,581.25	1/4	1,940.82	1/4	2,300.39	1/4	2,659.96	1/4	3,019.53	1/4	3,379.09
1/2	164.97	1/2	524.54	1/2	882.35	1/2	1,229.18	1/2	1,588.74	1/2	1,948.31	1/2	2,307.88	1/2	2,667.45	1/2	3,027.02	1/2	3,386.58
3/4	172.46	3/4	532.03	3/4	889.54	3/4	1,236.67	3/4	1,596.24	3/4	1,955.80	3/4	2,315.37	3/4	2,674.94	3/4	3,034.51	3/4	3,394.08
6	179.95	6	539.52	6	896.72	6	1,244.16	6	1,603.73	6	1,963.29	6	2,322.86	6	2,682.43	6	3,042.00	6	3,401.57
1/4	187.44	1/4	547.01	1/4	903.91	1/4	1,251.65	1/4	1,611.22	1/4	1,970.79	1/4	2,330.35	1/4	2,689.92	1/4	3,049.49	1/4	3,409.06
1/2	194.93	1/2	554.50	1/2	911.09	1/2	1,259.14	1/2	1,618.71	1/2	1,978.28	1/2	2,337.84	1/2	2,697.41	1/2	3,056.98	1/2	3,416.55
3/4	202.42	3/4	561.99	3/4	918.27	3/4	1,266.63	3/4	1,626.20	3/4	1,985.77	3/4	2,345.34	3/4	2,704.90	3/4	3,064.47	3/4	3,424.04
7	209.91	7	569.48	7	925.46	7	1,274.12	7	1,633.69	7	1,993.26	7	2,352.83	7	2,712.39	7	3,071.96	7	3,431.53
1/4	217.40	1/4	576.97	1/4	932.64	1/4	1,281.61	1/4	1,641.18	1/4	2,000.75	1/4	2,360.32	1/4	2,719.89	1/4	3,079.45	1/4	3,439.02
1/2	224.90	1/2	584.46	1/2	939.82	1/2	1,289.10	1/2	1,648.67	1/2	2,008.24	1/2	2,367.81	1/2	2,727.38	1/2	3,086.94	1/2	3,446.51
3/4	232.39	3/4	591.95	3/4	947.01	3/4	1,296.60	3/4	1,656.16	3/4	2,015.73	3/4	2,375.30	3/4	2,734.87	3/4	3,094.44	3/4	3,454.00
8	239.88	8	599.45	8	954.19	8	1,304.09	8	1,663.65	8	2,023.22	8	2,382.79	8	2,742.36	8	3,101.93	8	3,461.49
1/4	247.37	1/4	606.94	1/4	961.37	1/4	1,311.58	1/4	1,671.15	1/4	2,030.71	1/4	2,390.28	1/4	2,749.85	1/4	3,109.42	1/4	3,468.99
1/2	254.86	1/2	614.43	1/2	968.56	1/2	1,319.07	1/2	1,678.64	1/2	2,038.20	1/2	2,397.77	1/2	2,757.34	1/2	3,116.91	1/2	3,476.48
3/4	262.35	3/4	621.92	3/4	975.74	3/4	1,326.56	3/4	1,686.13	3/4	2,045.70	3/4	2,405.26	3/4	2,764.83	3/4	3,124.40	3/4	3,483.97
9	269.84	9	629.41	9	982.92	9	1,334.05	9	1,693.62	9	2,053.19	9	2,412.75	9	2,772.32	9	3,131.89	9	3,491.46
1/4	277.33	1/4	636.90	1/4	990.11	1/4	1,341.54	1/4	1,701.11	1/4	2,060.68	1/4	2,420.25	1/4	2,779.81	1/4	3,139.38	1/4	3,498.95
1/2	284.82	1/2	644.39	1/2	997.29	1/2	1,349.03	1/2	1,708.60	1/2	2,068.17	1/2	2,427.74	1/2	2,787.30	1/2	3,146.87	1/2	3,506.44
3/4	292.31	3/4	651.88	3/4	1,004.48	3/4	1,356.52	3/4	1,716.09	3/4	2,075.66	3/4	2,435.23	3/4	2,794.80	3/4	3,154.36	3/4	3,513.93
10	299.81	10	659.37	10	1,011.66	10	1,364.01	10	1,723.58	10	2,083.15	10	2,442.72	10	2,802.29	10	3,161.85	10	3,521.42
1/4	307.30	1/4	666.86	1/4	1,018.84	1/4	1,371.51	1/4	1,731.07	1/4	2,090.64	1/4	2,450.21	1/4	2,809.78	1/4	3,169.35	1/4	3,528.91
1/2	314.79	1/2	674.36	1/2	1,026.03	1/2	1,379.00	1/2	1,738.56	1/2	2,098.13	1/2	2,457.70	1/2	2,817.27	1/2	3,176.84	1/2	3,536.40
3/4	322.28	3/4	681.85	3/4	1,033.21	3/4	1,386.49	3/4	1,746.06	3/4	2,105.62	3/4	2,465.19	3/4	2,824.76	3/4	3,184.33	3/4	3,543.90
11	329.77	11	689.34	11	1,040.39	11	1,393.98	11	1,753.55	11	2,113.11	11	2,472.68	11	2,832.25	11	3,191.82	11	3,551.39
1/4	337.26	1/4	696.83	1/4	1,047.58	1/4	1,401.47	1/4	1,761.04	1/4	2,120.61	1/4	2,480.17	1/4	2,839.74	1/4	3,199.31	1/4	3,558.88
1/2	344.75	1/2	704.32	1/2	1,054.76	1/2	1,408.96	1/2	1,768.53	1/2	2,128.10	1/2	2,487.66	1/2	2,847.23	1/2	3,206.80	1/2	3,566.37
3/4	352.24	3/4	711.81	3/4	1,061.94	3/4	1,416.45	3/4	1,776.02	3/4	2,135.59	3/4	2,495.16	3/4	2,854.72	3/4	3,214.29	3/4	3,573.86

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 INNAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 36'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>





BARGE "E2MS 300"

2 PORT INNAGE TABLE

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

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	3,581.35	0	3,940.92	0	4,299.79	0	4,658.30	0	5,015.16	0		0		0		0		0	
1/4	3,588.84	1/4	3,948.41	1/4	4,307.25	1/4	4,665.77	1/4	5,022.49	1/4		1/4		1/4		1/4		1/4	
1/2	3,596.33	1/2	3,955.90	1/2	4,314.72	1/2	4,673.24	1/2	5,029.82	1/2		1/2		1/2		1/2		1/2	
3/4	3,603.82	3/4	3,963.39	3/4	4,322.19	3/4	4,680.71	3/4	5,037.16	3/4		3/4		3/4		3/4		3/4	
1	3,611.31	1	3,970.88	1	4,329.66	1	4,688.18	1	5,044.49	1		1		1		1		1	
1/4	3,618.81	1/4	3,978.37	1/4	4,337.13	1/4	4,695.65	1/4	5,050.95	1/4		1/4		1/4		1/4		1/4	
1/2	3,626.30	1/2	3,985.86	1/2	4,344.60	1/2	4,703.12	1/2	5,057.42	1/2		1/2		1/2		1/2		1/2	
3/4	3,633.79	3/4	3,993.36	3/4	4,352.07	3/4	4,710.59	3/4	5,063.89	3/4		3/4		3/4		3/4		3/4	
2	3,641.28	2	4,000.85	2	4,359.54	2	4,718.06	2	5,070.35	2		2		2		2		2	
1/4	3,648.77	1/4	4,008.34	1/4	4,367.01	1/4	4,725.52	1/4	5,075.57	1/4		1/4		1/4		1/4		1/4	
1/2	3,656.26	1/2	4,015.83	1/2	4,374.48	1/2	4,732.99	1/2	5,080.79	1/2		1/2		1/2		1/2		1/2	
3/4	3,663.75	3/4	4,023.32	3/4	4,381.95	3/4	4,740.46	3/4	5,086.01	3/4		3/4		3/4		3/4		3/4	
3	3,671.24	3	4,030.81	3	4,389.42	3	4,747.93	3	5,091.23	3		3		3		3		3	
1/4	3,678.73	1/4	4,038.30	1/4	4,396.88	1/4	4,755.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,686.22	1/2	4,045.79	1/2	4,404.35	1/2	4,762.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,693.72	3/4	4,053.28	3/4	4,411.82	3/4	4,770.34	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,701.21	4	4,060.77	4	4,419.29	4	4,777.81	4	4	4		4		4		4		4	
1/4	3,708.70	1/4	4,068.24	1/4	4,426.76	1/4	4,785.28	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,716.19	1/2	4,075.71	1/2	4,434.23	1/2	4,792.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,723.68	3/4	4,083.18	3/4	4,441.70	3/4	4,800.22	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,731.17	5	4,090.65	5	4,449.17	5	4,807.68	5	5	5		5		5		5		5	
1/4	3,738.66	1/4	4,098.12	1/4	4,456.64	1/4	4,815.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,746.15	1/2	4,105.59	1/2	4,464.11	1/2	4,822.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,753.64	3/4	4,113.06	3/4	4,471.58	3/4	4,830.09	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,761.13	6	4,120.53	6	4,479.04	6	4,837.56	6	6	6		6		6		6		6	
1/4	3,768.63	1/4	4,128.00	1/4	4,486.51	1/4	4,844.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,776.12	1/2	4,135.47	1/2	4,493.98	1/2	4,852.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,783.61	3/4	4,142.93	3/4	4,501.45	3/4	4,859.77	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,791.10	7	4,150.40	7	4,508.92	7	4,867.17	7	7	7		7		7		7		7	
1/4	3,798.59	1/4	4,157.87	1/4	4,516.39	1/4	4,874.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,806.08	1/2	4,165.34	1/2	4,523.86	1/2	4,881.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,813.57	3/4	4,172.81	3/4	4,531.33	3/4	4,889.38	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,821.06	8	4,180.28	8	4,538.80	8	4,896.79	8	8	8		8		8		8		8	
1/4	3,828.55	1/4	4,187.75	1/4	4,546.27	1/4	4,904.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,836.04	1/2	4,195.22	1/2	4,553.74	1/2	4,911.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,843.54	3/4	4,202.69	3/4	4,561.20	3/4	4,919.00	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,851.03	9	4,210.16	9	4,568.67	9	4,926.40	9	9	9		9		9		9		9	
1/4	3,858.52	1/4	4,217.63	1/4	4,576.14	1/4	4,933.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,866.01	1/2	4,225.09	1/2	4,583.61	1/2	4,941.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,873.50	3/4	4,232.56	3/4	4,591.08	3/4	4,948.61	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,880.99	10	4,240.03	10	4,598.55	10	4,956.01	10	10	10		10		10		10		10	
1/4	3,888.48	1/4	4,247.50	1/4	4,606.02	1/4	4,963.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,895.97	1/2	4,254.97	1/2	4,613.49	1/2	4,970.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,903.46	3/4	4,262.44	3/4	4,620.96	3/4	4,978.21	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,910.95	11	4,269.91	11	4,628.43	11	4,985.61	11	11	11		11		11		11		11	
1/4	3,918.45	1/4	4,277.38	1/4	4,635.90	1/4	4,992.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,925.94	1/2	4,284.85	1/2	4,643.36	1/2	5,000.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,933.43	3/4	4,292.32	3/4	4,650.83	3/4	5,007.77	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2012 CL - SW
CALCULATED : 11/21/2012 CL
PRINTED: 11/24/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2012

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



BARGE "E2MS 300"

2 STBD
INNAGE TABLE

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

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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	15.35	0	359.82	0	719.47	0	1,078.73	0	1,438.28	0	1,797.94	0	2,157.59	0	2,517.24	0	2,876.84	0	3,236.39	
1/4	20.03	1/4	367.31	1/4	726.97	1/4	1,086.21	1/4	1,445.77	1/4	1,805.43	1/4	2,165.08	1/4	2,524.74	1/4	2,884.33	1/4	3,243.88	
1/2	24.72	1/2	374.81	1/2	734.46	1/2	1,093.69	1/2	1,453.27	1/2	1,812.92	1/2	2,172.58	1/2	2,532.23	1/2	2,891.82	1/2	3,251.37	
3/4	29.40	3/4	382.30	3/4	742.95	3/4	1,101.16	3/4	1,460.76	3/4	1,820.41	3/4	2,180.07	3/4	2,539.72	3/4	2,899.31	3/4	3,258.86	
1	34.08	1	389.79	1	749.45	1	1,108.64	1	1,468.25	1	1,827.91	1	2,187.56	1	2,547.22	1	2,906.80	1	3,266.35	
1/4	40.64	1/4	397.28	1/4	756.94	1/4	1,116.13	1/4	1,475.75	1/4	1,835.40	1/4	2,195.05	1/4	2,554.71	1/4	2,914.29	1/4	3,273.84	
1/2	47.19	1/2	404.78	1/2	764.43	1/2	1,123.62	1/2	1,483.24	1/2	1,842.89	1/2	2,202.55	1/2	2,562.20	1/2	2,921.78	1/2	3,281.33	
3/4	53.75	3/4	412.27	3/4	771.92	3/4	1,131.10	3/4	1,490.73	3/4	1,850.39	3/4	2,210.04	3/4	2,569.69	3/4	2,929.27	3/4	3,288.82	
2	60.30	2	419.76	2	779.42	2	1,138.59	2	1,498.22	2	1,857.88	2	2,217.53	2	2,577.19	2	2,936.76	2	3,296.31	
1/4	67.76	1/4	427.26	1/4	786.91	1/4	1,146.08	1/4	1,505.72	1/4	1,865.37	1/4	2,225.03	1/4	2,584.68	1/4	2,944.25	1/4	3,303.80	
1/2	75.21	1/2	434.75	1/2	794.40	1/2	1,153.57	1/2	1,513.21	1/2	1,872.86	1/2	2,232.52	1/2	2,592.17	1/2	2,951.74	1/2	3,311.29	
3/4	82.67	3/4	442.24	3/4	801.90	3/4	1,161.05	3/4	1,520.70	3/4	1,880.36	3/4	2,240.01	3/4	2,599.67	3/4	2,959.23	3/4	3,318.78	
3	90.13	3	449.73	3	809.39	3	1,168.54	3	1,528.19	3	1,887.85	3	2,247.50	3	2,607.16	3	2,966.72	3	3,326.27	
1/4	97.61	1/4	457.23	1/4	816.88	1/4	1,176.03	1/4	1,535.69	1/4	1,895.34	1/4	2,255.00	1/4	2,614.65	1/4	2,974.21	1/4	3,333.76	
1/2	105.09	1/2	464.72	1/2	824.37	1/2	1,183.53	1/2	1,543.18	1/2	1,902.83	1/2	2,262.49	1/2	2,622.14	1/2	2,981.71	1/2	3,341.25	
3/4	112.57	3/4	472.21	3/4	831.87	3/4	1,191.02	3/4	1,550.67	3/4	1,910.33	3/4	2,269.98	3/4	2,629.64	3/4	2,989.20	3/4	3,348.74	
4	120.06	4	479.71	4	839.36	4	1,198.51	4	1,558.17	4	1,917.82	4	2,277.47	4	2,637.13	4	2,996.69	4	3,356.24	
1/4	127.55	1/4	487.20	1/4	846.85	1/4	1,206.00	1/4	1,565.66	1/4	1,925.31	1/4	2,284.97	1/4	2,644.62	1/4	3,004.18	1/4	3,363.73	
1/2	135.04	1/2	494.69	1/2	854.35	1/2	1,213.50	1/2	1,573.15	1/2	1,932.81	1/2	2,292.46	1/2	2,652.11	1/2	3,011.67	1/2	3,371.22	
3/4	142.53	3/4	502.18	3/4	861.84	3/4	1,220.99	3/4	1,580.64	3/4	1,940.30	3/4	2,299.95	3/4	2,659.61	3/4	3,019.16	3/4	3,378.71	
5	150.02	5	509.68	5	869.33	5	1,228.48	5	1,588.14	5	1,947.79	5	2,307.45	5	2,667.10	5	3,026.65	5	3,386.20	
1/4	157.51	1/4	517.17	1/4	876.81	1/4	1,235.98	1/4	1,595.63	1/4	1,955.28	1/4	2,314.94	1/4	2,674.59	1/4	3,034.14	1/4	3,393.69	
1/2	165.01	1/2	524.66	1/2	884.29	1/2	1,243.47	1/2	1,603.12	1/2	1,962.78	1/2	2,322.43	1/2	2,682.08	1/2	3,041.63	1/2	3,401.18	
3/4	172.50	3/4	532.15	3/4	891.77	3/4	1,250.96	3/4	1,610.62	3/4	1,970.27	3/4	2,329.92	3/4	2,689.57	3/4	3,049.12	3/4	3,408.67	
6	179.99	6	539.65	6	899.24	6	1,258.45	6	1,618.11	6	1,977.76	6	2,337.42	6	2,697.06	6	3,056.61	6	3,416.16	
1/4	187.49	1/4	547.14	1/4	906.72	1/4	1,265.95	1/4	1,625.60	1/4	1,985.26	1/4	2,344.91	1/4	2,704.55	1/4	3,064.10	1/4	3,423.65	
1/2	194.98	1/2	554.63	1/2	914.20	1/2	1,273.44	1/2	1,633.09	1/2	1,992.75	1/2	2,352.40	1/2	2,712.04	1/2	3,071.59	1/2	3,431.14	
3/4	202.47	3/4	562.13	3/4	921.68	3/4	1,280.93	3/4	1,640.59	3/4	2,000.24	3/4	2,359.90	3/4	2,719.53	3/4	3,079.08	3/4	3,438.63	
7	209.96	7	569.62	7	929.16	7	1,288.43	7	1,648.08	7	2,007.73	7	2,367.39	7	2,727.03	7	3,086.57	7	3,446.12	
1/4	217.46	1/4	577.11	1/4	936.64	1/4	1,295.92	1/4	1,655.57	1/4	2,015.23	1/4	2,374.88	1/4	2,734.52	1/4	3,094.06	1/4	3,453.61	
1/2	224.95	1/2	584.60	1/2	944.12	1/2	1,303.41	1/2	1,663.07	1/2	2,022.72	1/2	2,382.37	1/2	2,742.01	1/2	3,101.56	1/2	3,461.10	
3/4	232.44	3/4	592.10	3/4	951.59	3/4	1,310.90	3/4	1,670.56	3/4	2,030.21	3/4	2,389.87	3/4	2,749.50	3/4	3,109.05	3/4	3,468.59	
8	239.94	8	599.59	8	959.07	8	1,318.40	8	1,678.05	8	2,037.71	8	2,397.36	8	2,756.99	8	3,116.54	8	3,476.09	
1/4	247.43	1/4	607.08	1/4	966.55	1/4	1,325.89	1/4	1,685.54	1/4	2,045.20	1/4	2,404.85	1/4	2,764.48	1/4	3,124.03	1/4	3,483.58	
1/2	254.92	1/2	614.58	1/2	974.03	1/2	1,333.38	1/2	1,693.04	1/2	2,052.69	1/2	2,412.35	1/2	2,771.97	1/2	3,131.52	1/2	3,491.07	
3/4	262.41	3/4	622.07	3/4	981.51	3/4	1,340.87	3/4	1,700.53	3/4	2,060.18	3/4	2,419.84	3/4	2,779.46	3/4	3,139.01	3/4	3,498.56	
9	269.91	9	629.56	9	988.99	9	1,348.37	9	1,708.02	9	2,067.68	9	2,427.33	9	2,786.95	9	3,146.50	9	3,506.05	
1/4	277.40	1/4	637.05	1/4	996.47	1/4	1,355.86	1/4	1,715.51	1/4	2,075.17	1/4	2,434.82	1/4	2,794.44	1/4	3,153.99	1/4	3,513.54	
1/2	284.89	1/2	644.55	1/2	1,003.94	1/2	1,363.35	1/2	1,723.01	1/2	2,082.66	1/2	2,442.32	1/2	2,801.93	1/2	3,161.48	1/2	3,521.03	
3/4	292.39	3/4	652.04	3/4	1,011.42	3/4	1,370.85	3/4	1,730.50	3/4	2,090.15	3/4	2,449.81	3/4	2,809.42	3/4	3,168.97	3/4	3,528.52	
10	299.88	10	659.53	10	1,018.90	10	1,378.34	10	1,737.99	10	2,097.65	10	2,457.30	10	2,816.91	10	3,176.46	10	3,536.01	
1/4	307.37	1/4	667.03	1/4	1,026.38	1/4	1,385.83	1/4	1,745.49	1/4	2,105.14	1/4	2,464.79	1/4	2,824.40	1/4	3,183.95	1/4	3,543.50	
1/2	314.86	1/2	674.52	1/2	1,033.86	1/2	1,393.32	1/2	1,752.98	1/2	2,112.63	1/2	2,472.29	1/2	2,831.89	1/2	3,191.44	1/2	3,550.99	
3/4	322.36	3/4	682.01	3/4	1,041.34	3/4	1,400.82	3/4	1,760.47	3/4	2,120.13	3/4	2,479.78	3/4	2,839.38	3/4	3,198.93	3/4	3,558.48	
11	329.85	11	689.50	11	1,048.81	11	1,408.31	11	1,767.96	11	2,127.62	11	2,487.27	11	2,846.87	11	3,206.42	11	3,565.97	
1/4	337.34	1/4	697.00	1/4	1,056.29	1/4	1,415.80	1/4	1,775.46	1/4	2,135.11	1/4	2,494.77	1/4	2,854.37	1/4	3,213.91	1/4	3,573.46	
1/2	344.83	1/2	704.49	1/2	1,063.77	1/2	1,423.30	1/2	1,782.95	1/2	2,142.60	1/2	2,502.26	1/2	2,861.86	1/2	3,221.40	1/2	3,580.95	
3/4	352.33	3/4	711.98	3/4	1,071.25	3/4	1,430.79	3/4	1,790.44	3/4	2,150.10	3/4	2,509.75	3/4	2,869.35	3/4	3,228.90	3/4	3,588.44	

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 36'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>





BARGE "E2MS 300"

2 STBD INNAGE TABLE

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

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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	3,595.93	0	3,955.48	0	4,314.34	0	4,672.85	0	5,029.55	0		0		0		0		0	
1/4	3,603.43	1/4	3,962.97	1/4	4,321.81	1/4	4,680.32	1/4	5,036.88	1/4		1/4		1/4		1/4		1/4	
1/2	3,610.92	1/2	3,970.46	1/2	4,329.28	1/2	4,687.79	1/2	5,044.21	1/2		1/2		1/2		1/2		1/2	
3/4	3,618.41	3/4	3,977.96	3/4	4,336.75	3/4	4,695.26	3/4	5,051.53	3/4		3/4		3/4		3/4		3/4	
1	3,625.90	1	3,985.45	1	4,344.22	1	4,702.73	1	5,058.86	1		1		1		1		1	
1/4	3,633.39	1/4	3,992.94	1/4	4,351.69	1/4	4,710.20	1/4	5,065.32	1/4		1/4		1/4		1/4		1/4	
1/2	3,640.88	1/2	4,000.43	1/2	4,359.16	1/2	4,717.67	1/2	5,071.78	1/2		1/2		1/2		1/2		1/2	
3/4	3,648.37	3/4	4,007.92	3/4	4,366.62	3/4	4,725.14	3/4	5,078.24	3/4		3/4		3/4		3/4		3/4	
2	3,655.86	2	4,015.41	2	4,374.09	2	4,732.61	2	5,084.70	2		2		2		2		2	
1/4	3,663.35	1/4	4,022.90	1/4	4,381.56	1/4	4,740.07	1/4	5,089.91	1/4		1/4		1/4		1/4		1/4	
1/2	3,670.84	1/2	4,030.39	1/2	4,389.03	1/2	4,747.54	1/2	5,095.12	1/2		1/2		1/2		1/2		1/2	
3/4	3,678.33	3/4	4,037.88	3/4	4,396.50	3/4	4,755.01	3/4	5,100.34	3/4		3/4		3/4		3/4		3/4	
3	3,685.82	3	4,045.37	3	4,403.97	3	4,762.48	3	5,105.55	3		3		3		3		3	
1/4	3,693.31	1/4	4,052.86	1/4	4,411.44	1/4	4,769.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,700.80	1/2	4,060.35	1/2	4,418.91	1/2	4,777.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,708.29	3/4	4,067.84	3/4	4,426.38	3/4	4,784.89	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,715.78	4	4,075.33	4	4,433.85	4	4,792.36	4	4	4		4		4		4		4	
1/4	3,723.27	1/4	4,082.80	1/4	4,441.31	1/4	4,799.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,730.77	1/2	4,090.27	1/2	4,448.78	1/2	4,807.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,738.26	3/4	4,097.74	3/4	4,456.25	3/4	4,814.76	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,745.75	5	4,105.21	5	4,463.72	5	4,822.23	5	5	5		5		5		5		5	
1/4	3,753.24	1/4	4,112.68	1/4	4,471.19	1/4	4,829.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,760.73	1/2	4,120.15	1/2	4,478.66	1/2	4,837.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,768.22	3/4	4,127.62	3/4	4,486.13	3/4	4,844.64	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,775.71	6	4,135.09	6	4,493.60	6	4,852.11	6	6	6		6		6		6		6	
1/4	3,783.20	1/4	4,142.55	1/4	4,501.07	1/4	4,859.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,790.69	1/2	4,150.02	1/2	4,508.54	1/2	4,866.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,798.18	3/4	4,157.49	3/4	4,516.00	3/4	4,874.29	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,805.67	7	4,164.96	7	4,523.47	7	4,881.69	7	7	7		7		7		7		7	
1/4	3,813.16	1/4	4,172.43	1/4	4,530.94	1/4	4,889.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,820.65	1/2	4,179.90	1/2	4,538.41	1/2	4,896.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,828.14	3/4	4,187.37	3/4	4,545.88	3/4	4,903.88	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,835.63	8	4,194.84	8	4,553.35	8	4,911.27	8	8	8		8		8		8		8	
1/4	3,843.12	1/4	4,202.31	1/4	4,560.82	1/4	4,918.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,850.62	1/2	4,209.78	1/2	4,568.29	1/2	4,926.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,858.11	3/4	4,217.24	3/4	4,575.76	3/4	4,933.46	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,865.60	9	4,224.71	9	4,583.23	9	4,940.85	9	9	9		9		9		9		9	
1/4	3,873.09	1/4	4,232.18	1/4	4,590.69	1/4	4,948.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,880.58	1/2	4,239.65	1/2	4,598.16	1/2	4,955.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,888.07	3/4	4,247.12	3/4	4,605.63	3/4	4,963.04	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,895.56	10	4,254.59	10	4,613.10	10	4,970.44	10	10	10		10		10		10		10	
1/4	3,903.05	1/4	4,262.06	1/4	4,620.57	1/4	4,977.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,910.54	1/2	4,269.53	1/2	4,628.04	1/2	4,985.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,918.03	3/4	4,277.00	3/4	4,635.51	3/4	4,992.63	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,925.52	11	4,284.47	11	4,642.98	11	5,000.02	11	11	11		11		11		11		11	
1/4	3,933.01	1/4	4,291.93	1/4	4,650.45	1/4	5,007.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,940.50	1/2	4,299.40	1/2	4,657.92	1/2	5,014.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,947.99	3/4	4,306.87	3/4	4,665.38	3/4	5,022.17	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2012 CL - SW
CALCULATED: 11/21/2012 CL
PRINTED: 11/24/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2012

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



BARGE "E2MS 300"

3 PORT INNAGE TABLE

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

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	15.29	0	358.16	0	715.69	0	1,063.55	0	1,417.08	0	1,774.30	0	2,130.79	0	2,488.00	0	2,844.93	0	3,201.83
1/4	19.95	1/4	365.61	1/4	723.14	1/4	1,070.71	1/4	1,424.52	1/4	1,781.73	1/4	2,138.23	1/4	2,495.44	1/4	2,852.36	1/4	3,209.23
1/2	24.61	1/2	373.06	1/2	730.58	1/2	1,077.86	1/2	1,431.96	1/2	1,789.15	1/2	2,145.67	1/2	2,502.88	1/2	2,859.80	1/2	3,216.64
3/4	29.27	3/4	380.51	3/4	738.03	3/4	1,085.01	3/4	1,439.41	3/4	1,796.58	3/4	2,151.11	3/4	2,510.31	3/4	2,867.23	3/4	3,224.05
1	33.94	1	387.95	1	745.48	1	1,092.16	1	1,446.85	1	1,804.01	1	2,160.55	1	2,517.75	1	2,874.67	1	3,231.45
1/4	40.46	1/4	395.40	1/4	752.93	1/4	1,099.38	1/4	1,454.29	1/4	1,811.43	1/4	2,167.99	1/4	2,525.19	1/4	2,882.10	1/4	3,238.86
1/2	46.99	1/2	402.85	1/2	760.38	1/2	1,106.61	1/2	1,461.74	1/2	1,818.86	1/2	2,175.43	1/2	2,532.62	1/2	2,889.54	1/2	3,246.27
3/4	53.51	3/4	410.30	3/4	767.83	3/4	1,113.83	3/4	1,469.18	3/4	1,826.29	3/4	2,182.87	3/4	2,540.06	3/4	2,896.97	3/4	3,253.67
2	60.04	2	417.75	2	775.28	2	1,121.05	2	1,476.62	2	1,833.72	2	2,190.32	2	2,547.50	2	2,904.41	2	3,261.08
1/4	67.46	1/4	425.20	1/4	782.72	1/4	1,128.27	1/4	1,484.07	1/4	1,841.14	1/4	2,197.76	1/4	2,554.93	1/4	2,911.84	1/4	3,268.49
1/2	74.89	1/2	432.64	1/2	790.17	1/2	1,135.49	1/2	1,491.51	1/2	1,848.57	1/2	2,205.20	1/2	2,562.37	1/2	2,919.28	1/2	3,275.90
3/4	82.31	3/4	440.09	3/4	797.62	3/4	1,142.72	3/4	1,498.95	3/4	1,856.00	3/4	2,212.64	3/4	2,569.81	3/4	2,926.72	3/4	3,283.30
3	89.74	3	447.54	3	805.07	3	1,149.94	3	1,506.40	3	1,863.42	3	2,220.08	3	2,577.24	3	2,934.15	3	3,290.71
1/4	97.19	1/4	454.99	1/4	812.45	1/4	1,157.17	1/4	1,513.84	1/4	1,870.85	1/4	2,227.52	1/4	2,584.68	1/4	2,941.59	1/4	3,298.12
1/2	104.64	1/2	462.44	1/2	819.84	1/2	1,164.41	1/2	1,521.28	1/2	1,878.28	1/2	2,234.96	1/2	2,592.12	1/2	2,949.02	1/2	3,305.52
3/4	112.09	3/4	469.89	3/4	827.22	3/4	1,171.65	3/4	1,528.73	3/4	1,885.70	3/4	2,242.40	3/4	2,599.55	3/4	2,956.46	3/4	3,312.93
4	119.53	4	477.34	4	834.61	4	1,178.88	4	1,536.17	4	1,893.13	4	2,249.84	4	2,606.99	4	2,963.89	4	3,320.34
1/4	126.99	1/4	484.78	1/4	841.78	1/4	1,186.33	1/4	1,543.62	1/4	1,900.56	1/4	2,257.28	1/4	2,614.43	1/4	2,971.33	1/4	3,327.74
1/2	134.45	1/2	492.23	1/2	848.96	1/2	1,193.77	1/2	1,551.06	1/2	1,907.99	1/2	2,264.72	1/2	2,621.86	1/2	2,978.76	1/2	3,335.15
3/4	141.91	3/4	499.68	3/4	856.13	3/4	1,201.21	3/4	1,558.50	3/4	1,915.41	3/4	2,272.16	3/4	2,629.30	3/4	2,986.20	3/4	3,342.56
5	149.37	5	507.13	5	863.31	5	1,208.66	5	1,565.95	5	1,922.84	5	2,279.60	5	2,636.74	5	2,993.63	5	3,349.96
1/4	156.83	1/4	514.58	1/4	870.46	1/4	1,216.10	1/4	1,573.39	1/4	1,930.27	1/4	2,287.04	1/4	2,644.17	1/4	3,001.07	1/4	3,357.37
1/2	164.29	1/2	522.03	1/2	877.61	1/2	1,223.54	1/2	1,580.83	1/2	1,937.69	1/2	2,294.49	1/2	2,651.61	1/2	3,008.51	1/2	3,364.77
3/4	171.75	3/4	529.48	3/4	884.76	3/4	1,230.99	3/4	1,588.28	3/4	1,945.12	3/4	2,301.93	3/4	2,659.04	3/4	3,015.94	3/4	3,372.17
6	179.21	6	536.92	6	891.91	6	1,238.43	6	1,595.72	6	1,952.55	6	2,309.38	6	2,666.48	6	3,023.38	6	3,379.58
1/4	186.67	1/4	544.37	1/4	899.07	1/4	1,245.88	1/4	1,603.16	1/4	1,959.98	1/4	2,316.82	1/4	2,673.91	1/4	3,030.81	1/4	3,386.97
1/2	194.13	1/2	551.82	1/2	906.22	1/2	1,253.32	1/2	1,610.61	1/2	1,967.40	1/2	2,324.27	1/2	2,681.35	1/2	3,038.25	1/2	3,394.36
3/4	201.59	3/4	559.27	3/4	913.37	3/4	1,260.76	3/4	1,618.05	3/4	1,974.83	3/4	2,331.72	3/4	2,688.78	3/4	3,045.68	3/4	3,401.76
7	209.05	7	566.72	7	920.52	7	1,268.21	7	1,625.49	7	1,982.26	7	2,339.16	7	2,696.22	7	3,053.12	7	3,409.15
1/4	216.51	1/4	574.17	1/4	927.67	1/4	1,275.65	1/4	1,632.94	1/4	1,989.68	1/4	2,346.61	1/4	2,703.65	1/4	3,060.55	1/4	3,416.32
1/2	223.97	1/2	581.61	1/2	934.82	1/2	1,283.09	1/2	1,640.38	1/2	1,997.11	1/2	2,354.05	1/2	2,711.09	1/2	3,067.99	1/2	3,423.48
3/4	231.43	3/4	589.06	3/4	941.98	3/4	1,290.54	3/4	1,647.82	3/4	2,004.54	3/4	2,361.50	3/4	2,718.52	3/4	3,075.42	3/4	3,430.65
8	238.89	8	596.51	8	949.13	8	1,297.98	8	1,655.27	8	2,011.97	8	2,368.94	8	2,725.96	8	3,082.86	8	3,437.81
1/4	246.35	1/4	603.96	1/4	956.28	1/4	1,305.42	1/4	1,662.71	1/4	2,019.39	1/4	2,376.39	1/4	2,733.40	1/4	3,090.29	1/4	3,444.50
1/2	253.81	1/2	611.41	1/2	963.43	1/2	1,312.87	1/2	1,670.15	1/2	2,026.82	1/2	2,383.84	1/2	2,740.83	1/2	3,097.73	1/2	3,451.19
3/4	261.27	3/4	618.86	3/4	970.58	3/4	1,320.31	3/4	1,677.60	3/4	2,034.25	3/4	2,391.28	3/4	2,748.27	3/4	3,105.17	3/4	3,457.88
9	268.73	9	626.31	9	977.73	9	1,327.75	9	1,685.04	9	2,041.67	9	2,398.73	9	2,755.70	9	3,112.60	9	3,464.56
1/4	276.19	1/4	633.75	1/4	984.89	1/4	1,335.20	1/4	1,692.49	1/4	2,049.09	1/4	2,406.17	1/4	2,763.14	1/4	3,120.04	1/4	3,470.77
1/2	283.65	1/2	641.20	1/2	992.04	1/2	1,342.64	1/2	1,699.93	1/2	2,056.51	1/2	2,413.62	1/2	2,770.57	1/2	3,127.47	1/2	3,476.98
3/4	291.11	3/4	648.65	3/4	999.19	3/4	1,350.08	3/4	1,707.37	3/4	2,063.93	3/4	2,421.06	3/4	2,778.01	3/4	3,134.91	3/4	3,483.19
10	298.57	10	656.10	10	1,006.34	10	1,357.53	10	1,714.82	10	2,071.35	10	2,428.51	10	2,785.44	10	3,142.34	10	3,489.40
1/4	306.02	1/4	663.55	1/4	1,013.49	1/4	1,364.97	1/4	1,722.26	1/4	2,078.77	1/4	2,435.95	1/4	2,792.88	1/4	3,149.78	1/4	3,495.14
1/2	313.47	1/2	671.00	1/2	1,020.64	1/2	1,372.41	1/2	1,729.70	1/2	2,086.19	1/2	2,443.38	1/2	2,800.31	1/2	3,157.21	1/2	3,500.89
3/4	320.92	3/4	678.45	3/4	1,027.80	3/4	1,379.86	3/4	1,737.15	3/4	2,093.61	3/4	2,450.82	3/4	2,807.75	3/4	3,164.65	3/4	3,506.63
11	328.37	11	685.89	11	1,034.95	11	1,387.30	11	1,744.59	11	2,101.03	11	2,458.26	11	2,815.18	11	3,172.08	11	3,512.37
1/4	335.81	1/4	693.34	1/4	1,042.10	1/4	1,394.75	1/4	1,752.02	1/4	2,108.47	1/4	2,465.69	1/4	2,822.62	1/4	3,179.52	1/4	3,517.63
1/2	343.26	1/2	700.79	1/2	1,049.25	1/2	1,402.19	1/2	1,759.44	1/2	2,115.91	1/2	2,473.13	1/2	2,830.06	1/2	3,186.95	1/2	3,522.89
3/4	350.71	3/4	708.24	3/4	1,056.40	3/4	1,409.63	3/4	1,766.87	3/4	2,123.35	3/4	2,480.57	3/4	2,837.49	3/4	3,194.39	3/4	3,528.16

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 42'-09" FORWARD OF AFT BULKHEAD.

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



BARGE "E2MS 300"

3 PORT INNAGE TABLE

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

GUAGE 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	3,533.42	0	3,754.19	0	3,973.59	0	4,192.80	0	4,410.90	0		0		0		0		0	
1/4	3,538.24	1/4	3,758.77	1/4	3,978.16	1/4	4,197.36	1/4	4,415.38	1/4		1/4		1/4		1/4		1/4	
1/2	3,543.06	1/2	3,763.35	1/2	3,982.73	1/2	4,201.93	1/2	4,419.86	1/2		1/2		1/2		1/2		1/2	
3/4	3,547.88	3/4	3,767.93	3/4	3,987.29	3/4	4,206.50	3/4	4,424.33	3/4		3/4		3/4		3/4		3/4	
1	3,552.70	1	3,772.51	1	3,991.86	1	4,211.06	1	4,428.81	1		1		1		1		1	
1/4	3,557.27	1/4	3,777.09	1/4	3,996.43	1/4	4,215.63	1/4	4,432.76	1/4		1/4		1/4		1/4		1/4	
1/2	3,561.85	1/2	3,781.67	1/2	4,000.99	1/2	4,220.20	1/2	4,436.71	1/2		1/2		1/2		1/2		1/2	
3/4	3,566.43	3/4	3,786.24	3/4	4,005.56	3/4	4,224.76	3/4	4,440.66	3/4		3/4		3/4		3/4		3/4	
2	3,571.01	2	3,790.82	2	4,010.13	2	4,229.33	2	4,444.61	2		2		2		2		2	
1/4	3,575.59	1/4	3,795.40	1/4	4,014.69	1/4	4,233.90	1/4	4,447.80	1/4		1/4		1/4		1/4		1/4	
1/2	3,580.17	1/2	3,799.98	1/2	4,019.26	1/2	4,238.46	1/2	4,450.99	1/2		1/2		1/2		1/2		1/2	
3/4	3,584.75	3/4	3,804.56	3/4	4,023.83	3/4	4,243.03	3/4	4,454.17	3/4		3/4		3/4		3/4		3/4	
3	3,589.33	3	3,809.14	3	4,028.39	3	4,247.60	3	4,457.36	3		3		3		3		3	
1/4	3,593.91	1/4	3,813.72	1/4	4,032.96	1/4	4,252.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,598.49	1/2	3,818.30	1/2	4,037.53	1/2	4,256.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,603.07	3/4	3,822.88	3/4	4,042.09	3/4	4,261.30	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,607.65	4	3,827.46	4	4,046.66	4	4,265.86	4	4	4		4		4		4		4	
1/4	3,612.23	1/4	3,832.03	1/4	4,051.23	1/4	4,270.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,616.81	1/2	3,836.59	1/2	4,055.79	1/2	4,275.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,621.39	3/4	3,841.16	3/4	4,060.36	3/4	4,279.56	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,625.97	5	3,845.73	5	4,064.93	5	4,284.13	5	5	5		5		5		5		5	
1/4	3,630.55	1/4	3,850.29	1/4	4,069.49	1/4	4,288.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,635.12	1/2	3,854.86	1/2	4,074.06	1/2	4,293.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,639.70	3/4	3,859.43	3/4	4,078.63	3/4	4,297.83	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,644.28	6	3,863.99	6	4,083.19	6	4,302.40	6	6	6		6		6		6		6	
1/4	3,648.86	1/4	3,868.56	1/4	4,087.76	1/4	4,306.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,653.44	1/2	3,873.13	1/2	4,092.33	1/2	4,311.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,658.02	3/4	3,877.69	3/4	4,096.89	3/4	4,315.96	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,662.60	7	3,882.26	7	4,101.46	7	4,320.48	7	7	7		7		7		7		7	
1/4	3,667.18	1/4	3,886.83	1/4	4,106.03	1/4	4,325.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,671.76	1/2	3,891.39	1/2	4,110.59	1/2	4,329.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,676.34	3/4	3,895.96	3/4	4,115.16	3/4	4,334.05	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,680.92	8	3,900.53	8	4,119.73	8	4,338.57	8	8	8		8		8		8		8	
1/4	3,685.50	1/4	3,905.09	1/4	4,124.29	1/4	4,343.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,690.08	1/2	3,909.66	1/2	4,128.86	1/2	4,347.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,694.66	3/4	3,914.23	3/4	4,133.43	3/4	4,352.14	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,699.24	9	3,918.79	9	4,138.00	9	4,356.66	9	9	9		9		9		9		9	
1/4	3,703.82	1/4	3,923.36	1/4	4,142.56	1/4	4,361.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,708.40	1/2	3,927.93	1/2	4,147.13	1/2	4,365.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,712.97	3/4	3,932.49	3/4	4,151.70	3/4	4,370.23	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,717.55	10	3,937.06	10	4,156.26	10	4,374.75	10	10	10		10		10		10		10	
1/4	3,722.13	1/4	3,941.63	1/4	4,160.83	1/4	4,379.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,726.71	1/2	3,946.19	1/2	4,165.40	1/2	4,383.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,731.29	3/4	3,950.76	3/4	4,169.96	3/4	4,388.32	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,735.87	11	3,955.33	11	4,174.53	11	4,392.84	11	11	11		11		11		11		11	
1/4	3,740.45	1/4	3,959.89	1/4	4,179.10	1/4	4,397.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,745.03	1/2	3,964.46	1/2	4,183.66	1/2	4,401.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,749.61	3/4	3,969.03	3/4	4,188.23	3/4	4,406.38	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2012 CL - SW
CALCULATED : 11/21/2012 CL
PRINTED: 11/24/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "E2MS 300"

3 STBD INNAGE TABLE

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

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	15.29	0	358.34	0	716.52	0	1,074.29	0	1,432.37	0	1,790.56	0	2,148.74	0	2,506.86	0	2,864.57	0	3,222.26
1/4	19.95	1/4	365.80	1/4	723.98	1/4	1,081.74	1/4	1,439.84	1/4	1,798.02	1/4	2,156.21	1/4	2,514.31	1/4	2,872.02	1/4	3,229.68
1/2	24.62	1/2	373.27	1/2	731.44	1/2	1,089.19	1/2	1,447.30	1/2	1,805.48	1/2	2,163.67	1/2	2,521.76	1/2	2,879.47	1/2	3,237.11
3/4	29.28	3/4	380.73	3/4	738.90	3/4	1,096.63	3/4	1,454.76	3/4	1,812.95	3/4	2,171.13	3/4	2,529.21	3/4	2,886.92	3/4	3,244.53
1	33.94	1	388.19	1	746.37	1	1,104.08	1	1,462.22	1	1,820.41	1	2,178.59	1	2,536.67	1	2,894.37	1	3,251.95
1/4	40.47	1/4	395.65	1/4	753.83	1/4	1,111.54	1/4	1,469.68	1/4	1,827.87	1/4	2,186.06	1/4	2,544.12	1/4	2,901.83	1/4	3,259.38
1/2	47.00	1/2	403.11	1/2	761.29	1/2	1,118.99	1/2	1,477.15	1/2	1,835.33	1/2	2,193.52	1/2	2,551.57	1/2	2,909.28	1/2	3,266.80
3/4	53.53	3/4	410.58	3/4	768.75	3/4	1,126.45	3/4	1,484.61	3/4	1,842.79	3/4	2,200.98	3/4	2,559.03	3/4	2,916.73	3/4	3,274.22
2	60.06	2	418.04	2	776.21	2	1,133.91	2	1,492.07	2	1,850.26	2	2,208.44	2	2,566.48	2	2,924.18	2	3,281.65
1/4	67.48	1/4	425.50	1/4	783.68	1/4	1,141.36	1/4	1,499.53	1/4	1,857.72	1/4	2,215.90	1/4	2,573.93	1/4	2,931.63	1/4	3,289.07
1/2	74.91	1/2	432.96	1/2	791.14	1/2	1,148.82	1/2	1,507.00	1/2	1,865.18	1/2	2,223.37	1/2	2,581.39	1/2	2,939.09	1/2	3,296.49
3/4	82.33	3/4	440.42	3/4	798.60	3/4	1,156.28	3/4	1,514.46	3/4	1,872.64	3/4	2,230.83	3/4	2,588.84	3/4	2,946.54	3/4	3,303.92
3	89.76	3	447.89	3	806.06	3	1,163.73	3	1,521.92	3	1,880.11	3	2,238.29	3	2,596.29	3	2,953.99	3	3,311.34
1/4	97.21	1/4	455.35	1/4	813.52	1/4	1,171.20	1/4	1,529.38	1/4	1,887.57	1/4	2,245.75	1/4	2,603.74	1/4	2,961.44	1/4	3,318.76
1/2	104.66	1/2	462.81	1/2	820.99	1/2	1,178.66	1/2	1,536.84	1/2	1,895.03	1/2	2,253.22	1/2	2,611.20	1/2	2,968.89	1/2	3,326.19
3/4	112.11	3/4	470.27	3/4	828.45	3/4	1,186.12	3/4	1,544.31	3/4	1,902.49	3/4	2,260.68	3/4	2,618.65	3/4	2,976.35	3/4	3,333.61
4	119.56	4	477.73	4	835.91	4	1,193.58	4	1,551.77	4	1,909.95	4	2,268.14	4	2,626.10	4	2,983.80	4	3,341.03
1/4	127.02	1/4	485.20	1/4	843.37	1/4	1,201.05	1/4	1,559.23	1/4	1,917.42	1/4	2,275.60	1/4	2,633.56	1/4	2,991.25	1/4	3,348.46
1/2	134.48	1/2	492.66	1/2	850.83	1/2	1,208.51	1/2	1,566.69	1/2	1,924.88	1/2	2,283.06	1/2	2,641.01	1/2	2,998.70	1/2	3,355.88
3/4	141.95	3/4	500.12	3/4	858.30	3/4	1,215.97	3/4	1,574.16	3/4	1,932.34	3/4	2,290.53	3/4	2,648.46	3/4	3,006.15	3/4	3,363.30
5	149.41	5	507.58	5	865.76	5	1,223.43	5	1,581.62	5	1,939.80	5	2,297.99	5	2,655.91	5	3,013.61	5	3,370.73
1/4	156.87	1/4	515.04	1/4	873.21	1/4	1,230.89	1/4	1,589.08	1/4	1,947.27	1/4	2,305.45	1/4	2,663.37	1/4	3,021.06	1/4	3,378.15
1/2	164.33	1/2	522.51	1/2	880.65	1/2	1,238.36	1/2	1,596.54	1/2	1,954.73	1/2	2,312.91	1/2	2,670.82	1/2	3,028.51	1/2	3,385.57
3/4	171.79	3/4	529.97	3/4	888.10	3/4	1,245.82	3/4	1,604.00	3/4	1,962.19	3/4	2,320.38	3/4	2,678.27	3/4	3,035.96	3/4	3,392.98
6	179.25	6	537.43	6	895.55	6	1,253.28	6	1,611.47	6	1,969.65	6	2,327.84	6	2,685.72	6	3,043.41	6	3,400.40
1/4	186.72	1/4	544.89	1/4	903.00	1/4	1,260.74	1/4	1,618.93	1/4	1,977.11	1/4	2,335.30	1/4	2,693.17	1/4	3,050.86	1/4	3,407.81
1/2	194.18	1/2	552.35	1/2	910.44	1/2	1,268.21	1/2	1,626.39	1/2	1,984.58	1/2	2,342.76	1/2	2,700.63	1/2	3,058.32	1/2	3,415.22
3/4	201.64	3/4	559.82	3/4	917.89	3/4	1,275.67	3/4	1,633.85	3/4	1,992.04	3/4	2,350.22	3/4	2,708.08	3/4	3,065.77	3/4	3,422.63
7	209.10	7	567.28	7	925.34	7	1,283.13	7	1,641.32	7	1,999.50	7	2,357.69	7	2,715.53	7	3,073.22	7	3,430.04
1/4	216.56	1/4	574.74	1/4	932.79	1/4	1,290.59	1/4	1,648.78	1/4	2,006.96	1/4	2,365.15	1/4	2,722.98	1/4	3,080.67	1/4	3,437.23
1/2	224.03	1/2	582.20	1/2	940.23	1/2	1,298.05	1/2	1,656.24	1/2	2,014.43	1/2	2,372.61	1/2	2,730.43	1/2	3,088.12	1/2	3,444.41
3/4	231.49	3/4	589.66	3/4	947.68	3/4	1,305.52	3/4	1,663.70	3/4	2,021.89	3/4	2,380.07	3/4	2,737.89	3/4	3,095.58	3/4	3,451.59
8	238.95	8	597.13	8	955.13	8	1,312.98	8	1,671.16	8	2,029.35	8	2,387.54	8	2,745.34	8	3,103.03	8	3,458.77
1/4	246.41	1/4	604.59	1/4	962.58	1/4	1,320.44	1/4	1,678.63	1/4	2,036.81	1/4	2,395.00	1/4	2,752.79	1/4	3,110.48	1/4	3,465.48
1/2	253.87	1/2	612.05	1/2	970.02	1/2	1,327.90	1/2	1,686.09	1/2	2,044.27	1/2	2,402.46	1/2	2,760.24	1/2	3,117.93	1/2	3,472.18
3/4	261.34	3/4	619.51	3/4	977.47	3/4	1,335.37	3/4	1,693.55	3/4	2,051.74	3/4	2,409.92	3/4	2,767.69	3/4	3,125.38	3/4	3,478.89
9	268.80	9	626.97	9	984.92	9	1,342.83	9	1,701.01	9	2,059.20	9	2,417.38	9	2,775.14	9	3,132.84	9	3,485.59
1/4	276.26	1/4	634.44	1/4	992.37	1/4	1,350.29	1/4	1,708.48	1/4	2,066.66	1/4	2,424.85	1/4	2,782.60	1/4	3,140.29	1/4	3,491.81
1/2	283.72	1/2	641.90	1/2	999.81	1/2	1,357.75	1/2	1,715.94	1/2	2,074.12	1/2	2,432.31	1/2	2,790.05	1/2	3,147.74	1/2	3,498.04
3/4	291.18	3/4	649.36	3/4	1,007.26	3/4	1,365.21	3/4	1,723.40	3/4	2,081.59	3/4	2,439.77	3/4	2,797.50	3/4	3,155.19	3/4	3,504.26
10	298.65	10	656.82	10	1,014.71	10	1,372.68	10	1,730.86	10	2,089.05	10	2,447.23	10	2,804.95	10	3,162.64	10	3,510.48
1/4	306.11	1/4	664.28	1/4	1,022.16	1/4	1,380.14	1/4	1,738.32	1/4	2,096.51	1/4	2,454.69	1/4	2,812.40	1/4	3,170.10	1/4	3,516.23
1/2	313.57	1/2	671.75	1/2	1,029.61	1/2	1,387.60	1/2	1,745.79	1/2	2,103.97	1/2	2,462.14	1/2	2,819.86	1/2	3,177.55	1/2	3,521.97
3/4	321.03	3/4	679.21	3/4	1,037.05	3/4	1,395.06	3/4	1,753.25	3/4	2,111.43	3/4	2,469.59	3/4	2,827.31	3/4	3,185.00	3/4	3,527.71
11	328.49	11	686.67	11	1,044.50	11	1,402.53	11	1,760.71	11	2,118.90	11	2,477.04	11	2,834.76	11	3,192.45	11	3,533.46
1/4	335.96	1/4	694.13	1/4	1,051.95	1/4	1,409.99	1/4	1,768.17	1/4	2,126.36	1/4	2,484.50	1/4	2,842.21	1/4	3,199.90	1/4	3,538.72
1/2	343.42	1/2	701.59	1/2	1,059.40	1/2	1,417.45	1/2	1,775.63	1/2	2,133.82	1/2	2,491.95	1/2	2,849.66	1/2	3,207.35	1/2	3,543.98
3/4	350.88	3/4	709.06	3/4	1,066.84	3/4	1,424.91	3/4	1,783.10	3/4	2,141.28	3/4	2,499.40	3/4	2,857.12	3/4	3,214.81	3/4	3,549.25

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 42'-09" FORWARD OF AFT BULKHEAD.

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



BARGE "E2MS 300"

**3 STBD
INNAGE TABLE**

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

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		IN	
0	3,554.51	0	3,775.37	0	3,994.86	0	4,214.16	0	4,432.33	0		0		0		0		0		0	
1/4	3,559.33	1/4	3,779.95	1/4	3,999.43	1/4	4,218.73	1/4	4,436.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,564.15	1/2	3,784.53	1/2	4,004.00	1/2	4,223.29	1/2	4,441.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,568.98	3/4	3,789.11	3/4	4,008.57	3/4	4,227.86	3/4	4,445.78	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,573.80	1	3,793.69	1	4,013.14	1	4,232.43	1	4,450.26	1		1		1		1		1		1	
1/4	3,578.38	1/4	3,798.28	1/4	4,017.71	1/4	4,237.00	1/4	4,454.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,582.96	1/2	3,802.86	1/2	4,022.28	1/2	4,241.57	1/2	4,458.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,587.54	3/4	3,807.44	3/4	4,026.84	3/4	4,246.14	3/4	4,462.11	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,592.12	2	3,812.02	2	4,031.41	2	4,250.71	2	4,466.06	2		2		2		2		2		2	
1/4	3,596.70	1/4	3,816.60	1/4	4,035.98	1/4	4,255.27	1/4	4,469.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,601.28	1/2	3,821.18	1/2	4,040.55	1/2	4,259.84	1/2	4,472.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,605.87	3/4	3,825.76	3/4	4,045.12	3/4	4,264.41	3/4	4,475.63	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,610.45	3	3,830.34	3	4,049.69	3	4,268.98	3	4,478.82	3		3		3		3		3		3	
1/4	3,615.03	1/4	3,834.93	1/4	4,054.26	1/4	4,273.55	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,619.61	1/2	3,839.51	1/2	4,058.82	1/2	4,278.12	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,624.19	3/4	3,844.09	3/4	4,063.39	3/4	4,282.69	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	3,628.77	4	3,848.67	4	4,067.96	4	4,287.25	4		4		4		4		4		4		4	
1/4	3,633.35	1/4	3,853.24	1/4	4,072.53	1/4	4,291.82	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,637.93	1/2	3,857.81	1/2	4,077.10	1/2	4,296.39	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,642.52	3/4	3,862.37	3/4	4,081.67	3/4	4,300.96	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	3,647.10	5	3,866.94	5	4,086.24	5	4,305.53	5		5		5		5		5		5		5	
1/4	3,651.68	1/4	3,871.51	1/4	4,090.80	1/4	4,310.10	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,656.26	1/2	3,876.08	1/2	4,095.37	1/2	4,314.67	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,660.84	3/4	3,880.65	3/4	4,099.94	3/4	4,319.23	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,665.42	6	3,885.22	6	4,104.51	6	4,323.80	6		6		6		6		6		6		6	
1/4	3,670.00	1/4	3,889.79	1/4	4,109.08	1/4	4,328.33	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,674.58	1/2	3,894.36	1/2	4,113.65	1/2	4,332.85	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,679.16	3/4	3,898.92	3/4	4,118.22	3/4	4,337.37	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,683.75	7	3,903.49	7	4,122.79	7	4,341.90	7		7		7		7		7		7		7	
1/4	3,688.33	1/4	3,908.06	1/4	4,127.35	1/4	4,346.42	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,692.91	1/2	3,912.63	1/2	4,131.92	1/2	4,350.94	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,697.49	3/4	3,917.20	3/4	4,136.49	3/4	4,355.47	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,702.07	8	3,921.77	8	4,141.06	8	4,359.99	8		8		8		8		8		8		8	
1/4	3,706.65	1/4	3,926.34	1/4	4,145.63	1/4	4,364.51	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,711.23	1/2	3,930.90	1/2	4,150.20	1/2	4,369.03	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,715.81	3/4	3,935.47	3/4	4,154.77	3/4	4,373.56	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,720.40	9	3,940.04	9	4,159.33	9	4,378.08	9		9		9		9		9		9		9	
1/4	3,724.98	1/4	3,944.61	1/4	4,163.90	1/4	4,382.61	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,729.56	1/2	3,949.18	1/2	4,168.47	1/2	4,387.13	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,734.14	3/4	3,953.75	3/4	4,173.04	3/4	4,391.65	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,738.72	10	3,958.32	10	4,177.61	10	4,396.18	10		10		10		10		10		10		10	
1/4	3,743.30	1/4	3,962.88	1/4	4,182.18	1/4	4,400.70	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,747.88	1/2	3,967.45	1/2	4,186.75	1/2	4,405.22	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,752.46	3/4	3,972.02	3/4	4,191.31	3/4	4,409.75	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,757.05	11	3,976.59	11	4,195.88	11	4,414.27	11		11		11		11		11		11		11	
1/4	3,761.63	1/4	3,981.16	1/4	4,200.45	1/4	4,418.79	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,766.21	1/2	3,985.73	1/2	4,205.02	1/2	4,423.30	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,770.79	3/4	3,990.30	3/4	4,209.59	3/4	4,427.82	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2012 CL - SW
CALCULATED : 11/21/2012 CL
PRINTED: 11/24/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2012

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



BARGE "E2MS 300"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

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: 11/20/2012 CL - SW
CALCULATED: 11/21/2012 CL
PRINTED: 11/24/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2012

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "E2MS 300"

SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-09"

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	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 1/2" DIAMETER STANDPIPE.

STRAPPED: 11/20/2012 CL - SW
 CALCULATED: 11/21/2012 CL
 PRINTED: 11/24/2012 SW

CANCELS AND SUPERCEDES
 ALL PRIOR TO 11/2012

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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