



BARGE "WEB 237"

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	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-3/8	01-3/8
2 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
2 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
3 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
3 STBD	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	00-1/8	- 00-1/8
4 CENTER	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 286'-09"

July 23, 2012

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

<http://www.pmacorp.net>



BARGE "NEB 237"

1 CENT

INNAGE TABLE

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

HULL NO. 01-2586

GAUGE HEIGHT 15'-01 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	2.93	0	443.80	0	1,014.07	0	1,637.61	0	2,261.13	0	2,884.76	0	3,508.40	0	4,132.05	0	4,755.69	0	5,379.34
1/4	5.86	1/4	455.13	1/4	1,027.06	1/4	1,650.60	1/4	2,274.12	1/4	2,897.75	1/4	3,521.39	1/4	4,145.04	1/4	4,768.68	1/4	5,392.33
1/2	8.79	1/2	466.46	1/2	1,040.06	1/2	1,663.59	1/2	2,287.11	1/2	2,910.74	1/2	3,534.38	1/2	4,158.03	1/2	4,781.67	1/2	5,405.33
3/4	11.71	3/4	477.79	3/4	1,053.05	3/4	1,676.58	3/4	2,300.09	3/4	2,923.74	3/4	3,547.38	3/4	4,171.03	3/4	4,794.67	3/4	5,418.32
1	14.64	1	489.12	1	1,066.04	1	1,689.57	1	2,313.08	1	2,936.73	1	3,560.37	1	4,184.02	1	4,807.66	1	5,431.31
1 1/4	20.67	1 1/4	500.59	1 1/4	1,079.03	1 1/4	1,702.56	1 1/4	2,326.07	1 1/4	2,949.72	1 1/4	3,573.36	1 1/4	4,197.01	1 1/4	4,820.65	1 1/4	5,444.30
1 1/2	26.70	1 1/2	512.06	1 1/2	1,092.03	1 1/2	1,715.55	1 1/2	2,339.07	1 1/2	2,962.71	1 1/2	3,586.35	1 1/2	4,210.00	1 1/2	4,833.64	1 1/2	5,457.30
3/4	32.72	3/4	523.62	3/4	1,105.02	3/4	1,728.54	3/4	2,352.06	3/4	2,975.71	3/4	3,599.35	3/4	4,223.00	3/4	4,846.64	3/4	5,470.29
2	38.75	2	534.99	2	1,118.01	2	1,741.53	2	2,365.05	2	2,988.70	2	3,612.34	2	4,235.99	2	4,859.63	2	5,483.28
2 1/4	47.11	2 1/4	546.64	2 1/4	1,131.00	2 1/4	1,754.52	2 1/4	2,378.04	2 1/4	3,001.67	2 1/4	3,625.33	2 1/4	4,248.98	2 1/4	4,872.62	2 1/4	5,496.27
1 1/2	55.48	1 1/2	558.28	1 1/2	1,144.00	1 1/2	1,767.51	1 1/2	2,391.04	1 1/2	3,014.63	1 1/2	3,638.32	1 1/2	4,261.97	1 1/2	4,885.62	1 1/2	5,609.27
3/4	63.84	3/4	569.93	3/4	1,156.99	3/4	1,780.50	3/4	2,404.03	3/4	3,027.60	3/4	3,651.32	3/4	4,274.97	3/4	4,898.61	3/4	5,622.26
3	72.20	3	581.57	3	1,169.98	3	1,793.49	3	2,417.02	3	3,040.57	3	3,664.31	3	4,287.96	3	4,911.60	3	5,635.25
3 1/4	81.71	3 1/4	593.36	3 1/4	1,182.97	3 1/4	1,806.48	3 1/4	2,430.02	3 1/4	3,053.56	3 1/4	3,677.30	3 1/4	4,300.95	3 1/4	4,924.59	3 1/4	5,648.24
1 1/2	91.21	1 1/2	605.15	1 1/2	1,195.97	1 1/2	1,819.47	1 1/2	2,443.01	1 1/2	3,066.55	1 1/2	3,690.29	1 1/2	4,313.94	1 1/2	4,937.59	1 1/2	5,661.24
3/4	100.72	3/4	616.93	3/4	1,208.96	3/4	1,832.46	3/4	2,456.01	3/4	3,079.55	3/4	3,703.29	3/4	4,326.94	3/4	4,950.58	3/4	5,674.23
4	110.22	4	628.72	4	1,221.95	4	1,845.45	4	2,469.00	4	3,092.54	4	3,716.28	4	4,339.93	4	4,963.57	4	5,687.22
4 1/4	119.82	4 1/4	640.64	4 1/4	1,234.94	4 1/4	1,858.44	4 1/4	2,481.99	4 1/4	3,105.56	4 1/4	3,729.27	4 1/4	4,352.92	4 1/4	4,976.56	4 1/4	5,600.21
1 1/2	129.41	1 1/2	652.57	1 1/2	1,247.93	1 1/2	1,871.43	1 1/2	2,494.99	1 1/2	3,118.57	1 1/2	3,742.27	1 1/2	4,365.91	1 1/2	4,989.66	1 1/2	5,613.21
3/4	139.01	3/4	664.49	3/4	1,260.91	3/4	1,884.42	3/4	2,507.98	3/4	3,131.69	3/4	3,755.26	3/4	4,378.91	3/4	5,002.55	3/4	5,626.20
5	148.60	5	676.41	5	1,273.90	5	1,897.41	5	2,520.97	5	3,144.61	5	3,768.26	5	4,391.90	5	5,015.54	5	5,639.19
5 1/4	158.33	5 1/4	688.28	5 1/4	1,286.89	5 1/4	1,910.40	5 1/4	2,533.96	5 1/4	3,157.60	5 1/4	3,781.25	5 1/4	4,404.89	5 1/4	5,028.53	5 1/4	5,652.18
1 1/2	168.05	1 1/2	700.16	1 1/2	1,299.88	1 1/2	1,923.39	1 1/2	2,546.95	1 1/2	3,170.59	1 1/2	3,794.24	1 1/2	4,417.88	1 1/2	5,041.53	1 1/2	5,665.18
3/4	177.78	3/4	712.01	3/4	1,312.87	3/4	1,936.38	3/4	2,559.95	3/4	3,183.69	3/4	3,807.24	3/4	4,430.88	3/4	5,054.52	3/4	5,678.17
6	187.50	6	723.88	6	1,325.86	6	1,949.37	6	2,572.94	6	3,196.58	6	3,820.23	6	4,443.87	6	5,067.51	6	5,691.16
6 1/4	197.36	6 1/4	735.57	6 1/4	1,338.85	6 1/4	1,962.36	6 1/4	2,585.93	6 1/4	3,209.57	6 1/4	3,833.22	6 1/4	4,456.86	6 1/4	5,080.51	6 1/4	5,704.15
1 1/2	207.22	1 1/2	747.26	1 1/2	1,351.84	1 1/2	1,975.35	1 1/2	2,598.93	1 1/2	3,222.56	1 1/2	3,846.21	1 1/2	4,469.85	1 1/2	5,093.50	1 1/2	5,717.15
3/4	217.07	3/4	758.95	3/4	1,364.83	3/4	1,988.34	3/4	2,611.92	3/4	3,235.56	3/4	3,859.21	3/4	4,482.85	3/4	5,106.50	3/4	5,730.14
7	226.93	7	770.64	7	1,377.82	7	2,001.33	7	2,624.91	7	3,248.55	7	3,872.20	7	4,495.84	7	5,119.49	7	5,743.13
7 1/4	237.17	7 1/4	782.47	7 1/4	1,390.81	7 1/4	2,014.32	7 1/4	2,637.90	7 1/4	3,261.54	7 1/4	3,885.19	7 1/4	4,508.83	7 1/4	5,132.48	7 1/4	5,756.12
1 1/2	247.42	1 1/2	794.29	1 1/2	1,403.80	1 1/2	2,027.31	1 1/2	2,650.89	1 1/2	3,274.53	1 1/2	3,898.18	1 1/2	4,521.82	1 1/2	5,145.48	1 1/2	5,769.12
3/4	257.66	3/4	806.12	3/4	1,416.79	3/4	2,040.30	3/4	2,663.89	3/4	3,287.53	3/4	3,911.18	3/4	4,534.82	3/4	5,158.47	3/4	5,782.11
8	267.90	8	817.94	8	1,429.78	8	2,053.29	8	2,676.88	8	3,300.52	8	3,924.17	8	4,547.81	8	5,171.46	8	5,795.10
8 1/4	278.69	8 1/4	829.90	8 1/4	1,442.77	8 1/4	2,066.28	8 1/4	2,689.87	8 1/4	3,313.51	8 1/4	3,937.16	8 1/4	4,560.80	8 1/4	5,184.45	8 1/4	5,808.09
1 1/2	289.48	1 1/2	841.86	1 1/2	1,455.76	1 1/2	2,079.27	1 1/2	2,702.86	1 1/2	3,326.50	1 1/2	3,950.15	1 1/2	4,573.79	1 1/2	5,197.45	1 1/2	5,821.09
3/4	300.27	3/4	853.82	3/4	1,468.75	3/4	2,092.26	3/4	2,715.86	3/4	3,339.50	3/4	3,963.15	3/4	4,586.79	3/4	5,210.44	3/4	5,834.08
9	311.06	9	865.78	9	1,481.74	9	2,105.25	9	2,728.85	9	3,352.49	9	3,976.14	9	4,599.78	9	5,223.43	9	5,847.07
9 1/4	321.99	9 1/4	877.88	9 1/4	1,494.73	9 1/4	2,118.24	9 1/4	2,741.84	9 1/4	3,365.48	9 1/4	3,989.13	9 1/4	4,612.77	9 1/4	5,236.42	9 1/4	5,860.06
1 1/2	332.92	1 1/2	889.97	1 1/2	1,507.72	1 1/2	2,131.23	1 1/2	2,754.83	1 1/2	3,378.47	1 1/2	4,002.12	1 1/2	4,625.76	1 1/2	5,249.42	1 1/2	5,873.06
3/4	343.84	3/4	902.07	3/4	1,520.71	3/4	2,144.22	3/4	2,767.83	3/4	3,391.47	3/4	4,015.12	3/4	4,638.76	3/4	5,262.41	3/4	5,886.05
10	354.77	10	914.16	10	1,533.70	10	2,157.21	10	2,780.82	10	3,404.46	10	4,028.11	10	4,651.75	10	5,275.40	10	5,899.04
10 1/4	365.83	10 1/4	926.46	10 1/4	1,546.69	10 1/4	2,170.20	10 1/4	2,793.81	10 1/4	3,417.45	10 1/4	4,041.10	10 1/4	4,664.74	10 1/4	5,288.39	10 1/4	5,912.03
1 1/2	376.89	1 1/2	938.76	1 1/2	1,559.68	1 1/2	2,183.19	1 1/2	2,806.80	1 1/2	3,430.44	1 1/2	4,054.09	1 1/2	4,677.73	1 1/2	5,301.39	1 1/2	5,925.03
3/4	387.95	3/4	951.05	3/4	1,572.66	3/4	2,196.18	3/4	2,819.80	3/4	3,443.44	3/4	4,067.09	3/4	4,690.73	3/4	5,314.38	3/4	5,938.02
11	399.01	11	963.35	11	1,585.65	11	2,209.17	11	2,832.79	11	3,456.43	11	4,080.08	11	4,703.72	11	5,327.37	11	5,951.01
11 1/4	410.21	11 1/4	976.03	11 1/4	1,598.64	11 1/4	2,222.16	11 1/4	2,845.78	11 1/4	3,469.42	11 1/4	4,093.07	11 1/4	4,716.71	11 1/4	5,340.36	11 1/4	5,964.00
1 1/2	421.41	1 1/2	988.71	1 1/2	1,611.63	1 1/2	2,235.15	1 1/2	2,858.77	1 1/2	3,482.41	1 1/2	4,106.06	1 1/2	4,729.70	1 1/2	5,353.36	1 1/2	5,977.00
3/4	432.60	3/4	1,001.39	3/4	1,624.62	3/4	2,248.14	3/4	2,871.77	3/4	3,495.41	3/4	4,119.06	3/4	4,742.70	3/4	5,366.35	3/4	5,989.99

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 FROM THE TOP LIP OF 10" GAUGE HATCH.

GAUGE POINT: (10" HATCH) LOCATED 01'-00" OFF CENTERLINE AND 43'-10" FORWARD OF AFT BULKHEAD.

CAPACITY TABLE REFLECTS GAUGING ON DATUM PLATE LOCATED 1/4" ABOVE TANK BOTTOM.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "VEB 237"

1 CENT
INNAGE TABLE

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

HULL NO. 01-2586

GAUGE HEIGHT 15'-01 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	6,002.98	0	6,626.63	0	7,250.27	0	7,870.95	0	8,490.02	0		0		0		0		0	
1/4	6,015.97	1/4	6,639.62	1/4	7,263.26	1/4	7,883.87	1/4	8,502.85	1/4		1/4		1/4		1/4		1/4	
1/2	6,028.97	1/2	6,652.62	1/2	7,276.26	1/2	7,896.78	1/2	8,515.68	1/2		1/2		1/2		1/2		1/2	
3/4	6,041.96	3/4	6,665.61	3/4	7,289.25	3/4	7,909.70	3/4	8,528.51	3/4		3/4		3/4		3/4		3/4	
1	6,054.96	1	6,678.60	1	7,302.24	1	7,922.61	1	8,541.34	1		1		1		1		1	
1 1/4	6,067.94	1 1/4	6,691.59	1 1/4	7,315.23	1 1/4	7,935.52	1 1/4	8,554.17	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	6,080.94	1 1/2	6,704.59	1 1/2	7,328.23	1 1/2	7,948.44	1 1/2	8,567.00	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	6,093.93	3/4	6,717.58	3/4	7,341.22	3/4	7,961.35	3/4	8,579.83	3/4		3/4		3/4		3/4		3/4	
2	6,106.92	2	6,730.57	2	7,354.21	2	7,974.26	2	8,592.66	2		2		2		2		2	
2 1/4	6,119.91	2 1/4	6,743.56	2 1/4	7,367.17	2 1/4	7,987.18	2 1/4	8,605.09	2 1/4		2 1/4		2 1/4		2 1/4		2 1/4	
2 1/2	6,132.91	2 1/2	6,756.56	2 1/2	7,380.14	2 1/2	8,000.09	2 1/2	8,617.51	2 1/2		2 1/2		2 1/2		2 1/2		2 1/2	
3/4	6,145.90	3/4	6,769.55	3/4	7,393.10	3/4	8,013.01	3/4	8,629.94	3/4		3/4		3/4		3/4		3/4	
3	6,158.89	3	6,782.54	3	7,406.06	3	8,025.92	3	8,642.36	3		3		3		3		3	
3 1/4	6,171.88	3 1/4	6,795.53	3 1/4	7,418.98	3 1/4	8,038.83	3 1/4	8,653.30	3 1/4		3 1/4		3 1/4		3 1/4		3 1/4	
3 1/2	6,184.88	3 1/2	6,808.53	3 1/2	7,431.89	3 1/2	8,051.75	3 1/2	8,664.23	3 1/2		3 1/2		3 1/2		3 1/2		3 1/2	
3/4	6,197.87	3/4	6,821.52	3/4	7,444.81	3/4	8,064.66	3/4	8,675.17	3/4		3/4		3/4		3/4		3/4	
4	6,210.86	4	6,834.51	4	7,457.72	4	8,077.57	4	8,686.10	4		4		4		4		4	
4 1/4	6,223.85	4 1/4	6,847.50	4 1/4	7,470.63	4 1/4	8,090.49	4 1/4	8,694.87	4 1/4		4 1/4		4 1/4		4 1/4		4 1/4	
4 1/2	6,236.85	4 1/2	6,860.50	4 1/2	7,483.55	4 1/2	8,103.40	4 1/2	8,703.64	4 1/2		4 1/2		4 1/2		4 1/2		4 1/2	
3/4	6,249.84	3/4	6,873.49	3/4	7,496.46	3/4	8,116.32	3/4	8,712.41	3/4		3/4		3/4		3/4		3/4	
5	6,262.83	5	6,886.48	5	7,509.37	5	8,129.23	5	8,721.18	5		5		5		5		5	
5 1/4	6,275.82	5 1/4	6,899.47	5 1/4	7,522.29	5 1/4	8,142.14	5 1/4	8,727.78	5 1/4		5 1/4		5 1/4		5 1/4		5 1/4	
5 1/2	6,288.82	5 1/2	6,912.47	5 1/2	7,535.20	5 1/2	8,155.06	5 1/2	8,734.39	5 1/2		5 1/2		5 1/2		5 1/2		5 1/2	
3/4	6,301.81	3/4	6,925.46	3/4	7,548.12	3/4	8,167.97	3/4	8,740.99	3/4		3/4		3/4		3/4		3/4	
6	6,314.80	6	6,938.45	6	7,561.03	6	8,180.88	6	8,747.59	6		6		6		6		6	
6 1/4	6,327.79	6 1/4	6,951.44	6 1/4	7,573.94	6 1/4	8,193.79	6 1/4	8,752.03	6 1/4		6 1/4		6 1/4		6 1/4		6 1/4	
6 1/2	6,340.79	6 1/2	6,964.44	6 1/2	7,586.86	6 1/2	8,206.71	6 1/2	8,756.46	6 1/2		6 1/2		6 1/2		6 1/2		6 1/2	
3/4	6,353.78	3/4	6,977.43	3/4	7,599.77	3/4	8,219.62	3/4	8,760.90	3/4		3/4		3/4		3/4		3/4	
7	6,366.77	7	6,990.42	7	7,612.68	7	8,232.53	7	8,765.33	7		7		7		7		7	
7 1/4	6,379.77	7 1/4	7,003.41	7 1/4	7,625.60	7 1/4	8,245.45	7 1/4	8,767.60	7 1/4		7 1/4		7 1/4		7 1/4		7 1/4	
7 1/2	6,392.76	7 1/2	7,016.41	7 1/2	7,638.51	7 1/2	8,258.36	7 1/2	8,769.87	7 1/2		7 1/2		7 1/2		7 1/2		7 1/2	
3/4	6,405.76	3/4	7,029.40	3/4	7,651.43	3/4	8,271.28	3/4	8,772.14	3/4		3/4		3/4		3/4		3/4	
8	6,418.75	8	7,042.39	8	7,664.34	8	8,284.19	8	8,774.41	8		8		8		8		8	
8 1/4	6,431.74	8 1/4	7,055.38	8 1/4	7,677.25	8 1/4	8,297.10	8 1/4	8,775.33	8 1/4		8 1/4		8 1/4		8 1/4		8 1/4	
8 1/2	6,444.74	8 1/2	7,068.38	8 1/2	7,690.17	8 1/2	8,310.02	8 1/2	8,776.24	8 1/2		8 1/2		8 1/2		8 1/2		8 1/2	
3/4	6,457.73	3/4	7,081.37	3/4	7,703.08	3/4	8,322.93	3/4	8,776.70	3/4		3/4		3/4		3/4		3/4	
9	6,470.72	9	7,094.36	9	7,715.99	9	8,335.84	9		9		9		9		9		9	
9 1/4	6,483.71	9 1/4	7,107.35	9 1/4	7,728.91	9 1/4	8,348.72	9 1/4		9 1/4		9 1/4		9 1/4		9 1/4		9 1/4	
9 1/2	6,496.71	9 1/2	7,120.35	9 1/2	7,741.82	9 1/2	8,361.61	9 1/2		9 1/2		9 1/2		9 1/2		9 1/2		9 1/2	
3/4	6,509.70	3/4	7,133.34	3/4	7,754.74	3/4	8,374.49	3/4		3/4		3/4		3/4		3/4		3/4	
10	6,522.69	10	7,146.33	10	7,767.65	10	8,387.37	10		10		10		10		10		10	
10 1/4	6,535.68	10 1/4	7,159.32	10 1/4	7,780.66	10 1/4	8,400.20	10 1/4		10 1/4		10 1/4		10 1/4		10 1/4		10 1/4	
10 1/2	6,548.68	10 1/2	7,172.32	10 1/2	7,793.48	10 1/2	8,413.03	10 1/2		10 1/2		10 1/2		10 1/2		10 1/2		10 1/2	
3/4	6,561.67	3/4	7,185.31	3/4	7,806.39	3/4	8,425.86	3/4		3/4		3/4		3/4		3/4		3/4	
11	6,574.66	11	7,198.30	11	7,819.30	11	8,438.69	11		11		11		11		11		11	
11 1/4	6,587.66	11 1/4	7,211.29	11 1/4	7,832.21	11 1/4	8,451.52	11 1/4		11 1/4		11 1/4		11 1/4		11 1/4		11 1/4	
11 1/2	6,600.65	11 1/2	7,224.29	11 1/2	7,845.13	11 1/2	8,464.36	11 1/2		11 1/2		11 1/2		11 1/2		11 1/2		11 1/2	
3/4	6,613.64	3/4	7,237.28	3/4	7,858.04	3/4	8,477.19	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/04/2002 ITS
DECK MEASUREMENTS: 07/23/2012 SW CL
REPRINTED: 07/24/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2012

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



BARGE "VEB 237"

2 POR INNAGE TABLE

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

HULL NO. 01-2586

GAUGE HEIGHT 14'-09 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	14.45	0	308.62	0	613.21	0	923.91	0	1,234.51	0	1,544.90	0	1,855.46	0	2,166.26	0	2,477.06	0	2,787.96
1/4	19.06	1/4	315.08	1/4	619.69	1/4	930.38	1/4	1,240.99	1/4	1,551.35	1/4	1,861.93	1/4	2,172.73	1/4	2,483.53	1/4	2,794.33
1/2	23.66	1/2	321.53	1/2	626.16	1/2	936.85	1/2	1,247.46	1/2	1,557.80	1/2	1,868.41	1/2	2,179.21	1/2	2,490.01	1/2	2,800.81
3/4	28.27	3/4	327.99	3/4	632.64	3/4	943.33	3/4	1,253.94	3/4	1,564.24	3/4	1,874.88	3/4	2,185.68	3/4	2,496.48	3/4	2,807.28
1	32.87	1	334.44	1	639.11	1	949.80	1	1,260.41	1	1,570.69	1	1,881.36	1	2,192.16	1	2,502.96	1	2,813.76
1/4	38.74	1/4	340.92	1/4	645.59	1/4	956.27	1/4	1,266.89	1/4	1,577.14	1/4	1,887.83	1/4	2,198.63	1/4	2,509.43	1/4	2,820.23
1/2	44.61	1/2	347.39	1/2	652.06	1/2	962.74	1/2	1,273.36	1/2	1,583.59	1/2	1,894.31	1/2	2,205.11	1/2	2,515.91	1/2	2,826.71
3/4	50.47	3/4	353.87	3/4	658.54	3/4	969.21	3/4	1,279.84	3/4	1,590.04	3/4	1,900.78	3/4	2,211.58	3/4	2,522.38	3/4	2,833.18
2	56.34	2	360.34	2	665.01	2	975.68	2	1,286.31	2	1,596.49	2	1,907.26	2	2,218.06	2	2,528.86	2	2,839.66
1/4	62.47	1/4	366.82	1/4	671.48	1/4	982.15	1/4	1,292.79	1/4	1,602.96	1/4	1,913.73	1/4	2,224.53	1/4	2,535.33	1/4	2,846.13
1/2	68.60	1/2	373.29	1/2	677.96	1/2	988.62	1/2	1,299.26	1/2	1,609.43	1/2	1,920.21	1/2	2,231.00	1/2	2,541.81	1/2	2,852.61
3/4	74.73	3/4	379.77	3/4	684.43	3/4	995.09	3/4	1,305.74	3/4	1,615.89	3/4	1,926.68	3/4	2,237.48	3/4	2,548.28	3/4	2,859.08
3	80.86	3	386.24	3	690.90	3	1,001.56	3	1,312.21	3	1,622.36	3	1,933.16	3	2,243.95	3	2,554.76	3	2,865.56
1/4	86.97	1/4	392.72	1/4	697.37	1/4	1,008.03	1/4	1,318.69	1/4	1,628.84	1/4	1,939.63	1/4	2,250.43	1/4	2,561.23	1/4	2,872.03
1/2	93.08	1/2	399.19	1/2	703.85	1/2	1,014.51	1/2	1,325.16	1/2	1,635.31	1/2	1,946.11	1/2	2,256.90	1/2	2,567.71	1/2	2,878.51
3/4	99.19	3/4	405.67	3/4	710.32	3/4	1,020.98	3/4	1,331.64	3/4	1,641.79	3/4	1,952.58	3/4	2,263.38	3/4	2,574.18	3/4	2,884.98
4	105.30	4	412.14	4	716.79	4	1,027.45	4	1,338.11	4	1,648.26	4	1,959.06	4	2,269.86	4	2,580.66	4	2,891.46
1/4	111.41	1/4	418.43	1/4	723.26	1/4	1,033.92	1/4	1,344.59	1/4	1,654.74	1/4	1,965.53	1/4	2,276.33	1/4	2,587.13	1/4	2,897.93
1/2	117.52	1/2	424.71	1/2	729.74	1/2	1,040.39	1/2	1,351.06	1/2	1,661.21	1/2	1,972.01	1/2	2,282.80	1/2	2,593.61	1/2	2,904.41
3/4	123.63	3/4	431.00	3/4	736.21	3/4	1,046.86	3/4	1,357.54	3/4	1,667.69	3/4	1,978.48	3/4	2,289.28	3/4	2,600.08	3/4	2,910.88
5	129.74	5	437.28	5	742.68	5	1,053.33	5	1,364.01	5	1,674.16	5	1,984.96	5	2,295.75	5	2,606.56	5	2,917.36
1/4	135.85	1/4	443.50	1/4	749.15	1/4	1,059.80	1/4	1,370.49	1/4	1,680.64	1/4	1,991.43	1/4	2,302.23	1/4	2,613.03	1/4	2,923.83
1/2	141.96	1/2	449.72	1/2	755.63	1/2	1,066.27	1/2	1,376.96	1/2	1,687.11	1/2	1,997.91	1/2	2,308.70	1/2	2,619.51	1/2	2,930.31
3/4	148.07	3/4	455.93	3/4	762.10	3/4	1,072.74	3/4	1,383.44	3/4	1,693.59	3/4	2,004.38	3/4	2,315.18	3/4	2,625.98	3/4	2,936.78
6	154.18	6	462.15	6	768.57	6	1,079.21	6	1,389.91	6	1,700.06	6	2,010.86	6	2,321.66	6	2,632.46	6	2,943.26
1/4	160.55	1/4	468.37	1/4	775.04	1/4	1,085.68	1/4	1,396.39	1/4	1,706.54	1/4	2,017.33	1/4	2,328.13	1/4	2,638.93	1/4	2,949.73
1/2	166.91	1/2	474.59	1/2	781.52	1/2	1,092.16	1/2	1,402.86	1/2	1,713.01	1/2	2,023.81	1/2	2,334.61	1/2	2,645.41	1/2	2,956.21
3/4	173.28	3/4	480.81	3/4	787.99	3/4	1,098.63	3/4	1,409.34	3/4	1,719.49	3/4	2,030.28	3/4	2,341.08	3/4	2,651.88	3/4	2,962.68
7	179.64	7	487.03	7	794.46	7	1,105.10	7	1,415.81	7	1,725.96	7	2,036.76	7	2,347.56	7	2,658.36	7	2,969.16
1/4	186.09	1/4	493.25	1/4	800.93	1/4	1,111.57	1/4	1,422.29	1/4	1,732.44	1/4	2,043.23	1/4	2,354.03	1/4	2,664.83	1/4	2,975.63
1/2	192.54	1/2	499.47	1/2	807.41	1/2	1,118.04	1/2	1,428.76	1/2	1,738.91	1/2	2,049.71	1/2	2,360.51	1/2	2,671.31	1/2	2,982.11
3/4	198.98	3/4	505.69	3/4	813.88	3/4	1,124.51	3/4	1,435.24	3/4	1,745.39	3/4	2,056.18	3/4	2,366.98	3/4	2,677.78	3/4	2,988.58
8	205.43	8	511.91	8	820.35	8	1,130.98	8	1,441.71	8	1,751.86	8	2,062.66	8	2,373.46	8	2,684.26	8	2,995.06
1/4	211.88	1/4	518.13	1/4	826.82	1/4	1,137.45	1/4	1,448.18	1/4	1,758.34	1/4	2,069.13	1/4	2,379.93	1/4	2,690.73	1/4	3,001.53
1/2	218.33	1/2	524.35	1/2	833.30	1/2	1,143.92	1/2	1,454.65	1/2	1,764.81	1/2	2,075.61	1/2	2,386.41	1/2	2,697.21	1/2	3,008.01
3/4	224.78	3/4	530.66	3/4	839.77	3/4	1,150.39	3/4	1,461.11	3/4	1,771.29	3/4	2,082.08	3/4	2,392.88	3/4	2,703.68	3/4	3,014.48
9	231.23	9	536.78	9	846.24	9	1,156.86	9	1,467.58	9	1,777.76	9	2,088.56	9	2,399.36	9	2,710.16	9	3,020.96
1/4	237.68	1/4	543.00	1/4	852.71	1/4	1,163.33	1/4	1,474.02	1/4	1,784.24	1/4	2,095.03	1/4	2,405.83	1/4	2,716.63	1/4	3,027.43
1/2	244.13	1/2	549.22	1/2	859.19	1/2	1,169.81	1/2	1,480.45	1/2	1,790.71	1/2	2,101.50	1/2	2,412.31	1/2	2,723.11	1/2	3,033.91
3/4	250.58	3/4	555.44	3/4	865.66	3/4	1,176.28	3/4	1,486.89	3/4	1,797.19	3/4	2,107.98	3/4	2,418.78	3/4	2,729.58	3/4	3,040.38
10	257.03	10	561.66	10	872.13	10	1,182.75	10	1,493.32	10	1,803.66	10	2,114.45	10	2,425.26	10	2,736.06	10	3,046.86
1/4	263.48	1/4	568.07	1/4	878.60	1/4	1,189.22	1/4	1,499.77	1/4	1,810.13	1/4	2,120.93	1/4	2,431.73	1/4	2,742.53	1/4	3,053.33
1/2	269.93	1/2	574.49	1/2	885.08	1/2	1,195.69	1/2	1,506.22	1/2	1,816.61	1/2	2,127.40	1/2	2,438.21	1/2	2,749.01	1/2	3,059.81
3/4	276.38	3/4	580.90	3/4	891.55	3/4	1,202.16	3/4	1,512.66	3/4	1,823.08	3/4	2,133.88	3/4	2,444.68	3/4	2,755.48	3/4	3,066.28
11	282.83	11	587.31	11	898.02	11	1,208.63	11	1,519.11	11	1,829.56	11	2,140.36	11	2,451.16	11	2,761.96	11	3,072.76
1/4	289.28	1/4	593.79	1/4	904.49	1/4	1,215.10	1/4	1,525.56	1/4	1,836.03	1/4	2,146.83	1/4	2,457.63	1/4	2,768.43	1/4	3,079.23
1/2	295.73	1/2	600.26	1/2	910.96	1/2	1,221.57	1/2	1,532.01	1/2	1,842.51	1/2	2,153.31	1/2	2,464.11	1/2	2,774.91	1/2	3,085.71
3/4	302.17	3/4	606.74	3/4	917.44	3/4	1,228.04	3/4	1,538.45	3/4	1,848.98	3/4	2,159.78	3/4	2,470.58	3/4	2,781.38	3/4	3,092.18

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN FROM THE TOP LIP OF 10" GAUGE HATCH.

GAUGE POINT: (10" HATCH) LOCATED 10'-09" OFF CENTERLINE AND 38'-10" FORWARD OF AFT BULKHEAD.

CAPACITY TABLE REFLECTS GAUGING ON DATUM PLATE LOCATED 1/4" ABOVE TANK BOTTOM.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77568

<http://www.pmacorp.net>



BARGE WEB 237"

2 PO INNAGE TABLE

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

HULL NO. 01-2586

GAUGE HEIGHT 14'-09 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,098.66	0	3,409.46	0	3,720.26	0	4,029.37	0	4,337.67	0		0		0		0		0	
1/4	3,105.13	1/4	3,415.93	1/4	3,726.73	1/4	4,036.81	1/4	4,344.06	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	3,111.61	1/2	3,422.41	1/2	3,733.21	1/2	4,042.24	1/2	4,360.46	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3,118.08	3/4	3,428.88	3/4	3,739.68	3/4	4,048.68	3/4	4,366.85	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
1	3,124.56	1	3,435.36	1	3,746.16	1	4,055.12	1	4,363.25	1	1	1	1	1	1	1	1	1	
1/4	3,131.03	1/4	3,441.83	1/4	3,752.60	1/4	4,061.55	1/4	4,369.24	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	3,137.51	1/2	3,448.31	1/2	3,759.05	1/2	4,067.99	1/2	4,375.22	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3,143.98	3/4	3,454.78	3/4	3,765.49	3/4	4,074.42	3/4	4,381.21	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
2	3,150.46	2	3,461.26	2	3,771.94	2	4,080.86	2	4,387.20	2	2	2	2	2	2	2	2	2	
1/4	3,156.93	1/4	3,467.73	1/4	3,778.38	1/4	4,087.29	1/4	4,392.25	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	3,163.41	1/2	3,474.21	1/2	3,784.81	1/2	4,093.73	1/2	4,397.29	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3,169.88	3/4	3,480.68	3/4	3,791.25	3/4	4,100.16	3/4	4,402.34	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
3	3,176.36	3	3,487.16	3	3,797.69	3	4,106.60	3	4,407.39	3	3	3	3	3	3	3	3	3	
1/4	3,182.83	1/4	3,493.63	1/4	3,804.12	1/4	4,113.04	1/4	4,411.35	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	3,189.31	1/2	3,500.11	1/2	3,810.56	1/2	4,119.47	1/2	4,415.32	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3,195.78	3/4	3,506.58	3/4	3,816.99	3/4	4,125.91	3/4	4,419.28	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
4	3,202.26	4	3,513.06	4	3,823.43	4	4,132.35	4	4,423.25	4	4	4	4	4	4	4	4	4	
1/4	3,208.73	1/4	3,519.53	1/4	3,829.86	1/4	4,138.78	1/4	4,426.13	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	3,215.21	1/2	3,526.01	1/2	3,836.30	1/2	4,145.22	1/2	4,429.02	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3,221.68	3/4	3,532.48	3/4	3,842.73	3/4	4,151.65	3/4	4,431.90	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
5	3,228.16	5	3,538.96	5	3,849.17	5	4,158.09	5	4,434.79	5	5	5	5	5	5	5	5	5	
1/4	3,234.63	1/4	3,545.43	1/4	3,855.61	1/4	4,164.52	1/4	4,436.60	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	3,241.11	1/2	3,551.91	1/2	3,862.04	1/2	4,170.96	1/2	4,438.40	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3,247.58	3/4	3,558.38	3/4	3,868.48	3/4	4,177.39	3/4	4,440.21	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
6	3,254.06	6	3,564.86	6	3,874.92	6	4,183.83	6	4,442.02	6	6	6	6	6	6	6	6	6	
1/4	3,260.53	1/4	3,571.33	1/4	3,881.36	1/4	4,190.27	1/4	4,442.75	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	3,267.01	1/2	3,577.81	1/2	3,887.79	1/2	4,196.70	1/2	4,443.47	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3,273.48	3/4	3,584.28	3/4	3,894.22	3/4	4,203.14	3/4	4,444.20	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
7	3,279.96	7	3,590.76	7	3,900.66	7	4,209.58	7	4,444.93	7	7	7	7	7	7	7	7	7	
1/4	3,286.43	1/4	3,597.23	1/4	3,907.09	1/4	4,216.01	1/4	4,445.38	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	3,292.91	1/2	3,603.71	1/2	3,913.53	1/2	4,222.45	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3,299.38	3/4	3,610.18	3/4	3,919.96	3/4	4,228.88	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
8	3,305.86	8	3,616.66	8	3,926.40	8	4,235.32	8		8	8	8	8	8	8	8	8	8	
1/4	3,312.33	1/4	3,623.13	1/4	3,932.83	1/4	4,241.72	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	3,318.81	1/2	3,629.61	1/2	3,939.27	1/2	4,248.13	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3,325.28	3/4	3,636.08	3/4	3,945.70	3/4	4,254.53	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
9	3,331.76	9	3,642.56	9	3,952.14	9	4,260.94	9		9	9	9	9	9	9	9	9	9	
1/4	3,338.23	1/4	3,649.03	1/4	3,958.58	1/4	4,267.33	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	3,344.71	1/2	3,655.51	1/2	3,965.01	1/2	4,273.73	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3,351.18	3/4	3,661.98	3/4	3,971.45	3/4	4,280.12	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
10	3,357.66	10	3,668.46	10	3,977.89	10	4,286.52	10		10	10	10	10	10	10	10	10	10	
1/4	3,364.13	1/4	3,674.93	1/4	3,984.32	1/4	4,292.91	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	3,370.61	1/2	3,681.41	1/2	3,990.76	1/2	4,299.30	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3,377.08	3/4	3,687.88	3/4	3,997.19	3/4	4,305.70	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
11	3,383.56	11	3,694.36	11	4,003.63	11	4,312.09	11		11	11	11	11	11	11	11	11	11	
1/4	3,390.03	1/4	3,700.83	1/4	4,010.06	1/4	4,318.48	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	3,396.51	1/2	3,707.31	1/2	4,016.50	1/2	4,324.88	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3,402.98	3/4	3,713.78	3/4	4,022.93	3/4	4,331.27	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.

STRAPPED: 06/04/2002 ITS
DECK MEASUREMENTS: 07/23/2012 SW CL
REPRINTED: 07/24/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77688
<http://www.pmacorp.net>



BARGE "NEB 237"

2 ST INNAGE TABLE

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

HULL NO. 01-2686

GAUGE HEIGHT 14'-09"

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	14.45	0	308.41	0	612.78	0	923.27	0	1,232.93	0	1,543.09	0	1,853.44	0	2,164.03	0	2,474.62	0	2,785.21
1/4	19.05	1/4	314.86	1/4	619.25	1/4	929.73	1/4	1,239.40	1/4	1,549.64	1/4	1,859.91	1/4	2,170.50	1/4	2,481.09	1/4	2,791.68
1/2	23.65	1/2	321.31	1/2	625.72	1/2	936.18	1/2	1,245.86	1/2	1,555.98	1/2	1,866.38	1/2	2,176.97	1/2	2,487.56	1/2	2,798.15
3/4	28.25	3/4	327.76	3/4	632.19	3/4	942.64	3/4	1,252.33	3/4	1,562.43	3/4	1,872.85	3/4	2,183.44	3/4	2,494.03	3/4	2,804.62
1	32.85	1	334.21	1	638.66	1	949.09	1	1,258.79	1	1,568.87	1	1,879.32	1	2,189.91	1	2,500.50	1	2,811.09
1/4	38.71	1/4	340.68	1/4	645.13	1/4	955.54	1/4	1,265.26	1/4	1,575.31	1/4	1,885.79	1/4	2,196.38	1/4	2,506.97	1/4	2,817.56
1/2	44.58	1/2	347.15	1/2	651.60	1/2	962.00	1/2	1,271.73	1/2	1,581.76	1/2	1,892.26	1/2	2,202.85	1/2	2,513.44	1/2	2,824.03
3/4	50.44	3/4	353.62	3/4	658.07	3/4	968.45	3/4	1,278.20	3/4	1,588.20	3/4	1,898.73	3/4	2,209.32	3/4	2,519.91	3/4	2,830.50
2	56.30	2	360.09	2	664.54	2	974.90	2	1,284.67	2	1,594.64	2	1,905.20	2	2,215.79	2	2,526.38	2	2,836.97
1/4	62.43	1/4	366.56	1/4	671.01	1/4	981.35	1/4	1,291.14	1/4	1,601.11	1/4	1,911.67	1/4	2,222.26	1/4	2,532.85	1/4	2,843.44
1/2	68.56	1/2	373.04	1/2	677.48	1/2	987.80	1/2	1,297.62	1/2	1,607.57	1/2	1,918.15	1/2	2,228.74	1/2	2,539.32	1/2	2,849.91
3/4	74.68	3/4	379.51	3/4	683.95	3/4	994.25	3/4	1,304.09	3/4	1,614.04	3/4	1,924.62	3/4	2,235.21	3/4	2,545.79	3/4	2,856.38
3	80.81	3	385.98	3	690.42	3	1,000.70	3	1,310.56	3	1,620.50	3	1,931.09	3	2,241.68	3	2,552.26	3	2,862.85
1/4	86.92	1/4	392.45	1/4	696.89	1/4	1,007.15	1/4	1,317.03	1/4	1,626.97	1/4	1,937.56	1/4	2,248.15	1/4	2,558.73	1/4	2,869.32
1/2	93.02	1/2	398.92	1/2	703.36	1/2	1,013.60	1/2	1,323.50	1/2	1,633.44	1/2	1,944.03	1/2	2,254.62	1/2	2,565.20	1/2	2,875.79
3/4	99.13	3/4	405.39	3/4	709.82	3/4	1,020.05	3/4	1,329.97	3/4	1,639.91	3/4	1,950.50	3/4	2,261.09	3/4	2,571.68	3/4	2,882.27
4	105.23	4	411.86	4	716.29	4	1,026.50	4	1,336.44	4	1,646.38	4	1,956.97	4	2,267.56	4	2,578.15	4	2,888.74
1/4	111.34	1/4	418.14	1/4	722.76	1/4	1,032.95	1/4	1,342.91	1/4	1,652.85	1/4	1,963.44	1/4	2,274.03	1/4	2,584.62	1/4	2,895.21
1/2	117.44	1/2	424.42	1/2	729.23	1/2	1,039.41	1/2	1,349.38	1/2	1,659.32	1/2	1,969.91	1/2	2,280.50	1/2	2,591.09	1/2	2,901.68
3/4	123.55	3/4	430.69	3/4	735.69	3/4	1,045.86	3/4	1,355.85	3/4	1,665.79	3/4	1,976.38	3/4	2,286.97	3/4	2,597.56	3/4	2,908.15
5	129.65	5	436.97	5	742.16	5	1,052.31	5	1,362.32	5	1,672.26	5	1,982.85	5	2,293.44	5	2,604.03	5	2,914.62
1/4	135.76	1/4	443.19	1/4	748.63	1/4	1,058.76	1/4	1,368.79	1/4	1,678.73	1/4	1,989.32	1/4	2,299.91	1/4	2,610.50	1/4	2,921.09
1/2	141.86	1/2	449.40	1/2	755.10	1/2	1,065.21	1/2	1,375.26	1/2	1,685.21	1/2	1,995.79	1/2	2,306.38	1/2	2,616.97	1/2	2,927.56
3/4	147.97	3/4	455.62	3/4	761.57	3/4	1,071.66	3/4	1,381.73	3/4	1,691.68	3/4	2,002.26	3/4	2,312.85	3/4	2,623.44	3/4	2,934.03
6	154.07	6	461.83	6	768.04	6	1,078.11	6	1,388.20	6	1,698.15	6	2,008.73	6	2,319.32	6	2,629.91	6	2,940.50
1/4	160.43	1/4	468.05	1/4	774.51	1/4	1,084.56	1/4	1,394.67	1/4	1,704.62	1/4	2,015.20	1/4	2,325.79	1/4	2,636.38	1/4	2,946.97
1/2	166.79	1/2	474.26	1/2	780.98	1/2	1,091.01	1/2	1,401.15	1/2	1,711.09	1/2	2,021.68	1/2	2,332.27	1/2	2,642.85	1/2	2,953.44
3/4	173.15	3/4	480.48	3/4	787.44	3/4	1,097.46	3/4	1,407.62	3/4	1,717.56	3/4	2,028.15	3/4	2,338.74	3/4	2,649.32	3/4	2,959.91
7	179.51	7	486.69	7	793.91	7	1,103.91	7	1,414.09	7	1,724.03	7	2,034.62	7	2,345.21	7	2,655.79	7	2,966.38
1/4	185.96	1/4	492.91	1/4	800.38	1/4	1,110.36	1/4	1,420.56	1/4	1,730.50	1/4	2,041.09	1/4	2,351.68	1/4	2,662.26	1/4	2,972.85
1/2	192.40	1/2	499.12	1/2	806.85	1/2	1,116.82	1/2	1,427.03	1/2	1,736.97	1/2	2,047.56	1/2	2,358.15	1/2	2,668.73	1/2	2,979.32
3/4	198.85	3/4	505.34	3/4	813.31	3/4	1,123.27	3/4	1,433.50	3/4	1,743.44	3/4	2,054.03	3/4	2,364.62	3/4	2,675.21	3/4	2,985.80
8	205.29	8	511.55	8	819.78	8	1,129.72	8	1,439.97	8	1,749.91	8	2,060.50	8	2,371.09	8	2,681.68	8	2,992.27
1/4	211.74	1/4	517.77	1/4	826.25	1/4	1,136.17	1/4	1,446.42	1/4	1,756.38	1/4	2,066.97	1/4	2,377.56	1/4	2,688.15	1/4	2,998.74
1/2	218.18	1/2	523.98	1/2	832.72	1/2	1,142.62	1/2	1,452.87	1/2	1,762.85	1/2	2,073.44	1/2	2,384.03	1/2	2,694.62	1/2	3,005.21
3/4	224.63	3/4	530.20	3/4	839.19	3/4	1,149.07	3/4	1,459.32	3/4	1,769.32	3/4	2,079.91	3/4	2,390.50	3/4	2,701.09	3/4	3,011.68
9	231.07	9	536.41	9	845.66	9	1,155.52	9	1,465.77	9	1,775.79	9	2,086.38	9	2,396.97	9	2,707.56	9	3,018.15
1/4	237.52	1/4	542.63	1/4	852.13	1/4	1,161.97	1/4	1,472.21	1/4	1,782.26	1/4	2,092.85	1/4	2,403.44	1/4	2,714.03	1/4	3,024.62
1/2	243.96	1/2	548.84	1/2	858.60	1/2	1,168.42	1/2	1,478.66	1/2	1,788.73	1/2	2,099.32	1/2	2,409.91	1/2	2,720.50	1/2	3,031.09
3/4	250.41	3/4	555.06	3/4	865.06	3/4	1,174.87	3/4	1,485.10	3/4	1,795.20	3/4	2,105.79	3/4	2,416.38	3/4	2,726.97	3/4	3,037.56
10	256.85	10	561.27	10	871.53	10	1,181.32	10	1,491.54	10	1,801.67	10	2,112.26	10	2,422.85	10	2,733.44	10	3,044.03
1/4	263.30	1/4	567.68	1/4	878.00	1/4	1,187.77	1/4	1,497.99	1/4	1,808.14	1/4	2,118.73	1/4	2,429.32	1/4	2,739.91	1/4	3,050.50
1/2	269.74	1/2	574.09	1/2	884.47	1/2	1,194.23	1/2	1,504.43	1/2	1,814.62	1/2	2,125.21	1/2	2,435.79	1/2	2,746.38	1/2	3,056.97
3/4	276.19	3/4	580.49	3/4	890.93	3/4	1,200.68	3/4	1,510.88	3/4	1,821.09	3/4	2,131.68	3/4	2,442.26	3/4	2,752.85	3/4	3,063.44
11	282.63	11	586.90	11	897.40	11	1,207.13	11	1,517.32	11	1,827.56	11	2,138.15	11	2,448.73	11	2,759.32	11	3,069.91
1/4	289.08	1/4	593.37	1/4	903.87	1/4	1,213.58	1/4	1,523.76	1/4	1,834.03	1/4	2,144.62	1/4	2,455.20	1/4	2,765.79	1/4	3,076.38
1/2	295.52	1/2	599.84	1/2	910.34	1/2	1,220.03	1/2	1,530.21	1/2	1,840.50	1/2	2,151.09	1/2	2,461.67	1/2	2,772.26	1/2	3,082.85
3/4	301.97	3/4	606.31	3/4	916.80	3/4	1,226.48	3/4	1,536.65	3/4	1,846.97	3/4	2,157.56	3/4	2,468.15	3/4	2,778.74	3/4	3,089.32

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 FROM THE TOP LIP OF 10" GAUGE HATCH.

GAUGE POINT: (10" HATCH) LOCATED 10'-09" OFF CENTERLINE AND 38'-10" FORWARD OF AFT BULKHEAD.

CAPACITY TABLE REFLECTS GAUGING ON DATUM PLATE LOCATED 1/4" ABOVE TANK BOTTOM.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P. O. Box 2092

Pearland, Texas 77688

http://www.pmacorp.net



BARGE WEB 237"

2 STL INNAGE TABLE

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

HULL NO. 01-2586

GAUGE HEIGHT 14'-09"

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	3,095.79	0	3,406.38	0	3,716.97	0	4,025.88	0	4,333.96	0		0		0		0			
1/4	3,102.26	1/4	3,412.85	1/4	3,723.44	1/4	4,032.31	1/4	4,340.35	1/4		1/4		1/4		1/4			
1/2	3,108.73	1/2	3,419.32	1/2	3,729.91	1/2	4,038.74	1/2	4,346.74	1/2		1/2		1/2		1/2			
3/4	3,115.21	3/4	3,425.80	3/4	3,736.38	3/4	4,045.17	3/4	4,353.13	3/4		3/4		3/4		3/4			
1	3,121.68	1	3,432.27	1	3,742.85	1	4,051.60	1	4,359.52	1		1		1		1			
1/4	3,128.15	1/4	3,438.74	1/4	3,749.29	1/4	4,058.03	1/4	4,365.95	1/4		1/4		1/4		1/4			
1/2	3,134.62	1/2	3,445.21	1/2	3,755.73	1/2	4,064.46	1/2	4,371.49	1/2		1/2		1/2		1/2			
3/4	3,141.09	3/4	3,451.68	3/4	3,762.18	3/4	4,070.90	3/4	4,377.47	3/4		3/4		3/4		3/4			
2	3,147.56	2	3,458.15	2	3,768.62	2	4,077.33	2	4,383.46	2		2		2		2			
1/4	3,154.03	1/4	3,464.62	1/4	3,775.05	1/4	4,083.76	1/4	4,389.85	1/4		1/4		1/4		1/4			
1/2	3,160.50	1/2	3,471.09	1/2	3,781.48	1/2	4,090.19	1/2	4,393.54	1/2		1/2		1/2		1/2			
3/4	3,166.97	3/4	3,477.56	3/4	3,787.92	3/4	4,096.62	3/4	4,399.59	3/4		3/4		3/4		3/4			
3	3,173.44	3	3,484.03	3	3,794.35	3	4,103.05	3	4,403.63	3		3		3		3			
1/4	3,179.91	1/4	3,490.50	1/4	3,800.78	1/4	4,109.48	1/4	4,407.59	1/4		1/4		1/4		1/4			
1/2	3,186.38	1/2	3,496.97	1/2	3,807.21	1/2	4,115.91	1/2	4,411.55	1/2		1/2		1/2		1/2			
3/4	3,192.85	3/4	3,503.44	3/4	3,813.64	3/4	4,122.35	3/4	4,415.52	3/4		3/4		3/4		3/4			
4	3,199.32	4	3,509.91	4	3,820.07	4	4,128.78	4	4,419.48	4		4		4		4			
1/4	3,205.79	1/4	3,516.38	1/4	3,826.50	1/4	4,135.21	1/4	4,422.36	1/4		1/4		1/4		1/4			
1/2	3,212.26	1/2	3,522.85	1/2	3,832.93	1/2	4,141.64	1/2	4,425.25	1/2		1/2		1/2		1/2			
3/4	3,218.74	3/4	3,529.33	3/4	3,839.37	3/4	4,148.07	3/4	4,428.13	3/4		3/4		3/4		3/4			
5	3,225.21	5	3,535.80	5	3,845.80	5	4,154.50	5	4,431.02	5		5		5		5			
1/4	3,231.68	1/4	3,542.27	1/4	3,852.23	1/4	4,160.93	1/4	4,432.82	1/4		1/4		1/4		1/4			
1/2	3,238.15	1/2	3,548.74	1/2	3,858.66	1/2	4,167.36	1/2	4,434.63	1/2		1/2		1/2		1/2			
3/4	3,244.62	3/4	3,555.21	3/4	3,865.09	3/4	4,173.80	3/4	4,436.43	3/4		3/4		3/4		3/4			
6	3,251.09	6	3,561.68	6	3,871.52	6	4,180.23	6	4,438.24	6		6		6		6			
1/4	3,257.56	1/4	3,568.15	1/4	3,877.95	1/4	4,186.66	1/4	4,438.96	1/4		1/4		1/4		1/4			
1/2	3,264.03	1/2	3,574.62	1/2	3,884.38	1/2	4,193.09	1/2	4,439.69	1/2		1/2		1/2		1/2			
3/4	3,270.50	3/4	3,581.09	3/4	3,890.82	3/4	4,199.52	3/4	4,440.41	3/4		3/4		3/4		3/4			
7	3,276.97	7	3,587.56	7	3,897.25	7	4,205.95	7	4,441.14	7		7		7		7			
1/4	3,283.44	1/4	3,594.03	1/4	3,903.68	1/4	4,212.38	1/4	4,441.60	1/4		1/4		1/4		1/4			
1/2	3,289.91	1/2	3,600.50	1/2	3,910.11	1/2	4,218.81	1/2		1/2		1/2		1/2		1/2			
3/4	3,296.38	3/4	3,606.97	3/4	3,916.54	3/4	4,225.25	3/4		3/4		3/4		3/4		3/4			
8	3,302.85	8	3,613.44	8	3,922.97	8	4,231.68	8		8		8		8		8			
1/4	3,309.32	1/4	3,619.91	1/4	3,929.40	1/4	4,238.08	1/4		1/4		1/4		1/4		1/4			
1/2	3,315.79	1/2	3,626.38	1/2	3,935.83	1/2	4,244.48	1/2		1/2		1/2		1/2		1/2			
3/4	3,322.27	3/4	3,632.86	3/4	3,942.27	3/4	4,250.88	3/4		3/4		3/4		3/4		3/4			
9	3,328.74	9	3,639.33	9	3,948.70	9	4,257.28	9		9		9		9		9			
1/4	3,335.21	1/4	3,645.80	1/4	3,955.13	1/4	4,263.67	1/4		1/4		1/4		1/4		1/4			
1/2	3,341.68	1/2	3,652.27	1/2	3,961.56	1/2	4,270.06	1/2		1/2		1/2		1/2		1/2			
3/4	3,348.15	3/4	3,658.74	3/4	3,967.99	3/4	4,276.45	3/4		3/4		3/4		3/4		3/4			
10	3,354.62	10	3,665.21	10	3,974.42	10	4,282.84	10		10		10		10		10			
1/4	3,361.09	1/4	3,671.68	1/4	3,980.85	1/4	4,289.23	1/4		1/4		1/4		1/4		1/4			
1/2	3,367.56	1/2	3,678.15	1/2	3,987.28	1/2	4,295.62	1/2		1/2		1/2		1/2		1/2			
3/4	3,374.03	3/4	3,684.62	3/4	3,993.72	3/4	4,302.01	3/4		3/4		3/4		3/4		3/4			
11	3,380.50	11	3,691.09	11	4,000.15	11	4,308.40	11		11		11		11		11			
1/4	3,386.97	1/4	3,697.56	1/4	4,006.58	1/4	4,314.79	1/4		1/4		1/4		1/4		1/4			
1/2	3,393.44	1/2	3,704.03	1/2	4,013.01	1/2	4,321.18	1/2		1/2		1/2		1/2		1/2			
3/4	3,399.91	3/4	3,710.50	3/4	4,019.45	3/4	4,327.57	3/4		3/4		3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/04/2002 ITS
DECK MEASUREMENTS: 07/23/2012 SW CL
REPRINTED: 07/24/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77668
<http://www.pmacorp.net>



BARGE "VEB 237"

3 POR INNAGE TABLE

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

HULL NO. 01-2586

GAUGE HEIGHT 14'-09 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	14.42	0	307.86	0	611.67	0	921.62	0	1,230.73	0	1,540.35	0	1,850.14	0	2,160.19	0	2,470.23	0	2,780.27
1/4	19.01	1/4	314.29	1/4	618.13	1/4	928.07	1/4	1,237.19	1/4	1,546.78	1/4	1,856.60	1/4	2,166.65	1/4	2,476.69	1/4	2,786.73
1/2	23.61	1/2	320.73	1/2	624.69	1/2	934.51	1/2	1,243.64	1/2	1,553.22	1/2	1,863.06	1/2	2,173.11	1/2	2,483.15	1/2	2,793.19
3/4	28.20	3/4	327.17	3/4	631.05	3/4	940.86	3/4	1,250.10	3/4	1,559.65	3/4	1,869.52	3/4	2,179.66	3/4	2,489.60	3/4	2,799.65
1	32.79	1	333.61	1	637.51	1	947.40	1	1,256.55	1	1,566.08	1	1,875.98	1	2,186.02	1	2,496.06	1	2,806.11
1/4	38.64	1/4	340.07	1/4	643.97	1/4	953.84	1/4	1,263.01	1/4	1,572.51	1/4	1,882.44	1/4	2,192.48	1/4	2,502.62	1/4	2,812.57
1/2	44.60	1/2	346.53	1/2	650.43	1/2	960.28	1/2	1,269.47	1/2	1,578.94	1/2	1,888.90	1/2	2,198.94	1/2	2,508.98	1/2	2,819.03
3/4	50.36	3/4	352.98	3/4	656.89	3/4	966.71	3/4	1,275.92	3/4	1,585.37	3/4	1,895.36	3/4	2,206.40	3/4	2,515.44	3/4	2,825.48
2	56.20	2	359.44	2	663.36	2	973.15	2	1,282.38	2	1,591.80	2	1,901.82	2	2,211.86	2	2,521.90	2	2,831.94
1/4	62.32	1/4	366.90	1/4	669.81	1/4	979.59	1/4	1,288.84	1/4	1,598.25	1/4	1,908.28	1/4	2,218.32	1/4	2,528.36	1/4	2,838.40
1/2	68.43	1/2	372.36	1/2	676.27	1/2	986.03	1/2	1,295.30	1/2	1,604.71	1/2	1,914.74	1/2	2,224.78	1/2	2,534.82	1/2	2,844.86
3/4	74.56	3/4	378.82	3/4	682.72	3/4	992.47	3/4	1,301.76	3/4	1,611.16	3/4	1,921.20	3/4	2,231.24	3/4	2,541.28	3/4	2,851.32
3	80.66	3	385.28	3	689.18	3	998.91	3	1,308.22	3	1,617.61	3	1,927.66	3	2,237.70	3	2,547.74	3	2,857.78
1/4	86.75	1/4	391.74	1/4	695.64	1/4	1,005.35	1/4	1,314.68	1/4	1,624.07	1/4	1,934.12	1/4	2,244.16	1/4	2,554.20	1/4	2,864.24
1/2	92.85	1/2	398.20	1/2	702.09	1/2	1,011.79	1/2	1,321.14	1/2	1,630.53	1/2	1,940.58	1/2	2,250.62	1/2	2,560.66	1/2	2,870.70
3/4	98.94	3/4	404.66	3/4	708.55	3/4	1,018.23	3/4	1,327.60	3/4	1,636.99	3/4	1,947.03	3/4	2,257.07	3/4	2,567.12	3/4	2,877.16
4	105.03	4	411.12	4	715.00	4	1,024.67	4	1,334.06	4	1,643.45	4	1,953.49	4	2,263.53	4	2,573.58	4	2,883.62
1/4	111.13	1/4	417.39	1/4	721.46	1/4	1,031.11	1/4	1,340.52	1/4	1,649.91	1/4	1,959.95	1/4	2,269.99	1/4	2,580.04	1/4	2,890.08
1/2	117.22	1/2	423.66	1/2	727.92	1/2	1,037.55	1/2	1,346.98	1/2	1,656.37	1/2	1,966.41	1/2	2,276.45	1/2	2,586.50	1/2	2,896.54
3/4	123.32	3/4	429.92	3/4	734.37	3/4	1,043.99	3/4	1,353.43	3/4	1,662.83	3/4	1,972.87	3/4	2,282.91	3/4	2,592.96	3/4	2,902.99
5	129.41	5	436.19	5	740.83	5	1,050.43	5	1,359.89	5	1,669.29	5	1,979.33	5	2,289.37	5	2,599.41	5	2,909.45
1/4	135.51	1/4	442.39	1/4	747.29	1/4	1,056.87	1/4	1,366.35	1/4	1,675.75	1/4	1,985.79	1/4	2,295.83	1/4	2,605.87	1/4	2,915.91
1/2	141.60	1/2	448.60	1/2	753.75	1/2	1,063.31	1/2	1,372.81	1/2	1,682.21	1/2	1,992.25	1/2	2,302.29	1/2	2,612.33	1/2	2,922.37
3/4	147.70	3/4	454.80	3/4	760.20	3/4	1,069.74	3/4	1,379.27	3/4	1,688.66	3/4	1,998.71	3/4	2,308.75	3/4	2,618.79	3/4	2,928.83
6	153.79	6	461.00	6	766.66	6	1,076.18	6	1,385.73	6	1,695.12	6	2,005.17	6	2,315.21	6	2,625.25	6	2,935.29
1/4	160.14	1/4	467.20	1/4	773.12	1/4	1,082.62	1/4	1,392.19	1/4	1,701.58	1/4	2,011.63	1/4	2,321.67	1/4	2,631.71	1/4	2,941.75
1/2	166.49	1/2	473.41	1/2	779.57	1/2	1,089.06	1/2	1,398.65	1/2	1,708.04	1/2	2,018.09	1/2	2,328.13	1/2	2,638.17	1/2	2,948.21
3/4	172.83	3/4	479.61	3/4	786.03	3/4	1,095.50	3/4	1,405.11	3/4	1,714.50	3/4	2,024.54	3/4	2,334.58	3/4	2,644.63	3/4	2,954.67
7	179.18	7	485.81	7	792.48	7	1,101.94	7	1,411.57	7	1,720.96	7	2,031.00	7	2,341.04	7	2,651.09	7	2,961.13
1/4	186.61	1/4	492.02	1/4	798.94	1/4	1,108.38	1/4	1,418.03	1/4	1,727.42	1/4	2,037.46	1/4	2,347.50	1/4	2,657.55	1/4	2,967.59
1/2	192.06	1/2	498.22	1/2	805.40	1/2	1,114.82	1/2	1,424.49	1/2	1,733.88	1/2	2,043.92	1/2	2,353.96	1/2	2,664.01	1/2	2,974.05
3/4	198.48	3/4	504.43	3/4	811.85	3/4	1,121.28	3/4	1,430.94	3/4	1,740.34	3/4	2,050.38	3/4	2,360.42	3/4	2,670.46	3/4	2,980.60
8	204.91	8	510.63	8	818.31	8	1,127.70	8	1,437.40	8	1,746.80	8	2,056.84	8	2,366.88	8	2,676.92	8	2,986.96
1/4	211.35	1/4	516.83	1/4	824.77	1/4	1,134.14	1/4	1,443.84	1/4	1,753.26	1/4	2,063.30	1/4	2,373.34	1/4	2,683.38	1/4	2,993.42
1/2	217.78	1/2	523.04	1/2	831.23	1/2	1,140.58	1/2	1,450.28	1/2	1,759.72	1/2	2,069.76	1/2	2,379.80	1/2	2,689.84	1/2	2,999.88
3/4	224.22	3/4	529.24	3/4	837.68	3/4	1,147.02	3/4	1,456.72	3/4	1,766.17	3/4	2,076.22	3/4	2,386.26	3/4	2,696.34	3/4	3,006.34
9	230.65	9	535.44	9	844.14	9	1,153.46	9	1,463.16	9	1,772.63	9	2,082.68	9	2,392.72	9	2,702.76	9	3,012.80
1/4	237.08	1/4	541.64	1/4	850.60	1/4	1,159.90	1/4	1,469.59	1/4	1,779.09	1/4	2,089.14	1/4	2,399.18	1/4	2,709.22	1/4	3,019.26
1/2	243.52	1/2	547.84	1/2	857.06	1/2	1,166.34	1/2	1,476.03	1/2	1,785.55	1/2	2,095.60	1/2	2,405.64	1/2	2,715.68	1/2	3,025.72
3/4	249.96	3/4	554.05	3/4	863.51	3/4	1,172.77	3/4	1,482.46	3/4	1,792.01	3/4	2,102.05	3/4	2,412.09	3/4	2,722.14	3/4	3,032.18
10	256.38	10	560.25	10	869.97	10	1,179.21	10	1,488.89	10	1,798.47	10	2,108.51	10	2,418.55	10	2,728.60	10	3,038.64
1/4	262.81	1/4	566.65	1/4	876.43	1/4	1,185.65	1/4	1,495.32	1/4	1,804.93	1/4	2,114.97	1/4	2,425.01	1/4	2,735.06	1/4	3,045.10
1/2	269.25	1/2	573.05	1/2	882.88	1/2	1,192.09	1/2	1,501.76	1/2	1,811.39	1/2	2,121.43	1/2	2,431.47	1/2	2,741.52	1/2	3,051.56
3/4	275.68	3/4	579.44	3/4	889.34	3/4	1,198.53	3/4	1,508.59	3/4	1,817.85	3/4	2,127.89	3/4	2,437.93	3/4	2,747.97	3/4	3,058.01
11	282.11	11	585.84	11	895.79	11	1,204.97	11	1,514.62	11	1,824.31	11	2,134.35	11	2,444.39	11	2,754.43	11	3,064.47
1/4	288.55	1/4	592.30	1/4	902.25	1/4	1,211.41	1/4	1,521.05	1/4	1,830.77	1/4	2,140.81	1/4	2,450.85	1/4	2,760.89	1/4	3,070.93
1/2	294.98	1/2	598.76	1/2	908.71	1/2	1,217.85	1/2	1,527.49	1/2	1,837.23	1/2	2,147.27	1/2	2,457.31	1/2	2,767.35	1/2	3,077.39
3/4	301.42	3/4	605.21	3/4	915.16	3/4	1,224.29	3/4	1,533.92	3/4	1,843.68	3/4	2,153.73	3/4	2,463.77	3/4	2,773.81	3/4	3,083.85

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 FROM THE TOP LIP OF 10" GAUGE HATCH.

GAUGE POINT: (10" HATCH) LOCATED 10'-09" OFF CENTERLINE AND 38'-06" FORWARD OF AFT BULKHEAD.

CAPACITY TABLE REFLECTS GAUGING ON DATUM PLATE LOCATED 1/4" ABOVE TANK BOTTOM.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77688

<http://www.pmacorp.net>



BARGE WEB 237"

3 PO INNAGE TABLE

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

HULL NO. 01-2586

GAUGE HEIGHT 14'-09 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,090.31	0	3,400.35	0	3,710.39	0	4,018.75	0	4,326.29	0	0	0	0	0	0	0	0	0	0
1/4	3,096.77	1/4	3,406.81	1/4	3,716.85	1/4	4,025.17	1/4	4,332.67	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,103.23	1/2	3,413.27	1/2	3,723.31	1/2	4,031.59	1/2	4,339.05	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,109.69	3/4	3,419.73	3/4	3,729.77	3/4	4,038.01	3/4	4,345.42	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,116.15	1	3,426.19	1	3,736.23	1	4,044.43	1	4,351.80	1	1	1	1	1	1	1	1	1	1
1 1/4	3,122.61	1 1/4	3,432.65	1 1/4	3,742.66	1 1/4	4,050.85	1 1/4	4,357.78	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	3,129.07	1 1/2	3,439.11	1 1/2	3,749.09	1 1/2	4,057.27	1 1/2	4,363.75	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	3,135.52	3/4	3,445.57	3/4	3,755.52	3/4	4,063.69	3/4	4,369.73	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,141.98	2	3,452.03	2	3,761.95	2	4,070.11	2	4,375.70	2	2	2	2	2	2	2	2	2	2
2 1/4	3,148.44	2 1/4	3,458.49	2 1/4	3,768.37	2 1/4	4,076.53	2 1/4	4,380.73	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
2 1/2	3,154.90	2 1/2	3,464.95	2 1/2	3,774.79	2 1/2	4,082.95	2 1/2	4,385.77	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
3/4	3,161.36	3/4	3,471.40	3/4	3,781.21	3/4	4,089.37	3/4	4,390.80	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,167.82	3	3,477.86	3	3,787.63	3	4,095.79	3	4,395.83	3	3	3	3	3	3	3	3	3	3
3 1/4	3,174.28	3 1/4	3,484.32	3 1/4	3,794.05	3 1/4	4,102.21	3 1/4	4,399.79	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4
3 1/2	3,180.74	3 1/2	3,490.78	3 1/2	3,800.47	3 1/2	4,108.63	3 1/2	4,403.74	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
3/4	3,187.20	3/4	3,497.24	3/4	3,806.89	3/4	4,115.05	3/4	4,407.70	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,193.66	4	3,503.70	4	3,813.31	4	4,121.47	4	4,411.65	4	4	4	4	4	4	4	4	4	4
4 1/4	3,200.12	4 1/4	3,510.16	4 1/4	3,819.73	4 1/4	4,127.89	4 1/4	4,414.63	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4
4 1/2	3,206.58	4 1/2	3,516.62	4 1/2	3,826.15	4 1/2	4,134.31	4 1/2	4,417.41	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2
3/4	3,213.04	3/4	3,523.08	3/4	3,832.57	3/4	4,140.73	3/4	4,420.29	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,219.50	5	3,529.54	5	3,838.99	5	4,147.15	5	4,423.17	5	5	5	5	5	5	5	5	5	5
5 1/4	3,225.96	5 1/4	3,536.00	5 1/4	3,845.41	5 1/4	4,153.57	5 1/4	4,424.97	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4
5 1/2	3,232.42	5 1/2	3,542.46	5 1/2	3,851.83	5 1/2	4,159.99	5 1/2	4,426.78	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2
3/4	3,238.87	3/4	3,548.91	3/4	3,858.25	3/4	4,166.41	3/4	4,428.58	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,245.33	6	3,555.37	6	3,864.67	6	4,172.83	6	4,430.38	6	6	6	6	6	6	6	6	6	6
6 1/4	3,251.79	6 1/4	3,561.83	6 1/4	3,871.09	6 1/4	4,179.25	6 1/4	4,431.11	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4
6 1/2	3,258.25	6 1/2	3,568.29	6 1/2	3,877.51	6 1/2	4,185.67	6 1/2	4,431.83	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2
3/4	3,264.71	3/4	3,574.75	3/4	3,883.93	3/4	4,192.09	3/4	4,432.56	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,271.17	7	3,581.21	7	3,890.35	7	4,198.51	7	4,433.28	7	7	7	7	7	7	7	7	7	7
7 1/4	3,277.63	7 1/4	3,587.67	7 1/4	3,896.77	7 1/4	4,204.93	7 1/4	4,433.73	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4
7 1/2	3,284.09	7 1/2	3,594.13	7 1/2	3,903.19	7 1/2	4,211.35	7 1/2		7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2
3/4	3,290.55	3/4	3,600.59	3/4	3,909.61	3/4	4,217.77	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,297.01	8	3,607.05	8	3,916.03	8	4,224.19	8	8	8	8	8	8	8	8	8	8	8	8
8 1/4	3,303.47	8 1/4	3,613.51	8 1/4	3,922.45	8 1/4	4,230.58	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4
8 1/2	3,309.93	8 1/2	3,619.97	8 1/2	3,928.87	8 1/2	4,236.97	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2
3/4	3,316.38	3/4	3,626.42	3/4	3,935.29	3/4	4,243.36	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,322.84	9	3,632.88	9	3,941.71	9	4,249.75	9	9	9	9	9	9	9	9	9	9	9	9
9 1/4	3,329.30	9 1/4	3,639.34	9 1/4	3,948.13	9 1/4	4,256.13	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4
9 1/2	3,335.76	9 1/2	3,645.80	9 1/2	3,954.55	9 1/2	4,262.51	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2
3/4	3,342.22	3/4	3,652.26	3/4	3,960.97	3/4	4,268.88	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,348.68	10	3,658.72	10	3,967.39	10	4,275.26	10	10	10	10	10	10	10	10	10	10	10	10
10 1/4	3,355.14	10 1/4	3,665.18	10 1/4	3,973.81	10 1/4	4,281.64	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4
10 1/2	3,361.60	10 1/2	3,671.64	10 1/2	3,980.23	10 1/2	4,288.02	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2
3/4	3,368.06	3/4	3,678.10	3/4	3,986.65	3/4	4,294.39	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,374.52	11	3,684.56	11	3,993.07	11	4,300.77	11	11	11	11	11	11	11	11	11	11	11	11
11 1/4	3,380.98	11 1/4	3,691.02	11 1/4	3,999.49	11 1/4	4,307.15	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4
11 1/2	3,387.44	11 1/2	3,697.48	11 1/2	4,005.91	11 1/2	4,313.53	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2
3/4	3,393.89	3/4	3,703.93	3/4	4,012.33	3/4	4,319.91	3/4	3/4	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.

STRAPPED: 06/04/2002 ITS
DECK MEASUREMENTS: 07/23/2012 SW CL
REPRINTED: 07/24/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77688
<http://www.pmacorp.net>



BARGE WEB 237"

3 STL INNAGE TABLE

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

HULL NO. 01-2586

GAUGE HEIGHT 14'-09 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	14.54	0	310.48	0	616.89	0	929.42	0	1,241.85	0	1,554.06	0	1,866.44	0	2,179.07	0	2,491.69	0	2,804.31
1/4	19.17	1/4	316.98	1/4	623.40	1/4	935.93	1/4	1,248.36	1/4	1,560.55	1/4	1,872.96	1/4	2,185.58	1/4	2,498.20	1/4	2,810.82
1/2	23.81	1/2	323.47	1/2	629.92	1/2	942.44	1/2	1,254.87	1/2	1,567.04	1/2	1,879.47	1/2	2,192.10	1/2	2,504.71	1/2	2,817.34
3/4	28.44	3/4	329.97	3/4	636.43	3/4	948.95	3/4	1,261.38	3/4	1,573.62	3/4	1,885.98	3/4	2,198.61	3/4	2,511.23	3/4	2,823.85
1	33.07	1	336.46	1	642.94	1	955.46	1	1,267.89	1	1,580.01	1	1,892.49	1	2,205.12	1	2,517.74	1	2,830.37
1/4	38.97	1/4	342.97	1/4	649.46	1/4	961.97	1/4	1,274.41	1/4	1,586.50	1/4	1,899.01	1/4	2,211.63	1/4	2,524.25	1/4	2,836.88
1/2	44.88	1/2	349.49	1/2	655.97	1/2	968.48	1/2	1,280.92	1/2	1,592.98	1/2	1,905.52	1/2	2,218.15	1/2	2,530.76	1/2	2,843.39
3/4	50.78	3/4	356.00	3/4	662.49	3/4	974.98	3/4	1,287.44	3/4	1,599.47	3/4	1,912.04	3/4	2,224.66	3/4	2,537.28	3/4	2,849.91
2	56.68	2	362.51	2	669.00	2	981.49	2	1,293.95	2	1,605.95	2	1,918.55	2	2,231.17	2	2,543.79	2	2,856.42
1/4	62.85	1/4	369.02	1/4	675.51	1/4	988.00	1/4	1,300.46	1/4	1,612.46	1/4	1,925.06	1/4	2,237.68	1/4	2,550.30	1/4	2,862.93
1/2	69.02	1/2	375.54	1/2	682.02	1/2	994.51	1/2	1,306.98	1/2	1,618.96	1/2	1,931.58	1/2	2,244.20	1/2	2,556.82	1/2	2,869.44
3/4	75.19	3/4	382.05	3/4	688.53	3/4	1,001.02	3/4	1,313.49	3/4	1,625.47	3/4	1,938.09	3/4	2,250.71	3/4	2,563.33	3/4	2,875.96
3	81.36	3	388.56	3	695.04	3	1,007.53	3	1,320.00	3	1,631.97	3	1,944.60	3	2,257.22	3	2,569.85	3	2,882.47
1/4	87.51	1/4	395.07	1/4	701.55	1/4	1,014.04	1/4	1,326.51	1/4	1,638.49	1/4	1,951.11	1/4	2,263.73	1/4	2,576.36	1/4	2,888.98
1/2	93.66	1/2	401.59	1/2	708.06	1/2	1,020.55	1/2	1,333.03	1/2	1,645.00	1/2	1,957.63	1/2	2,270.25	1/2	2,582.87	1/2	2,895.49
3/4	99.80	3/4	408.10	3/4	714.57	3/4	1,027.05	3/4	1,339.54	3/4	1,651.52	3/4	1,964.14	3/4	2,276.76	3/4	2,589.39	3/4	2,902.01
4	105.95	4	414.61	4	721.08	4	1,033.56	4	1,346.05	4	1,658.03	4	1,970.65	4	2,283.27	4	2,595.90	4	2,908.52
1/4	112.10	1/4	420.93	1/4	727.59	1/4	1,040.07	1/4	1,352.56	1/4	1,664.54	1/4	1,977.16	1/4	2,289.79	1/4	2,602.41	1/4	2,915.03
1/2	118.25	1/2	427.26	1/2	734.11	1/2	1,046.58	1/2	1,359.08	1/2	1,671.06	1/2	1,983.68	1/2	2,296.30	1/2	2,608.92	1/2	2,921.54
3/4	124.39	3/4	433.58	3/4	740.62	3/4	1,053.09	3/4	1,365.59	3/4	1,677.57	3/4	1,990.19	3/4	2,302.82	3/4	2,615.44	3/4	2,928.06
5	130.54	5	439.90	5	747.13	5	1,059.60	5	1,372.10	5	1,684.08	5	1,996.70	5	2,309.33	5	2,621.95	5	2,934.57
1/4	136.69	1/4	446.16	1/4	753.64	1/4	1,066.11	1/4	1,378.61	1/4	1,690.59	1/4	2,003.21	1/4	2,315.84	1/4	2,628.46	1/4	2,941.08
1/2	142.84	1/2	452.42	1/2	760.15	1/2	1,072.62	1/2	1,385.13	1/2	1,697.11	1/2	2,009.73	1/2	2,322.36	1/2	2,634.97	1/2	2,947.60
3/4	148.98	3/4	458.67	3/4	766.66	3/4	1,079.13	3/4	1,391.64	3/4	1,703.62	3/4	2,016.24	3/4	2,328.87	3/4	2,641.49	3/4	2,954.11
6	155.13	6	464.93	6	773.17	6	1,085.64	6	1,398.15	6	1,710.13	6	2,022.75	6	2,335.38	6	2,648.00	6	2,960.63
1/4	161.53	1/4	471.19	1/4	779.68	1/4	1,092.15	1/4	1,404.67	1/4	1,716.64	1/4	2,029.27	1/4	2,341.89	1/4	2,654.51	1/4	2,967.14
1/2	167.94	1/2	477.45	1/2	786.19	1/2	1,098.66	1/2	1,411.18	1/2	1,723.16	1/2	2,035.78	1/2	2,348.41	1/2	2,661.02	1/2	2,973.65
3/4	174.34	3/4	483.70	3/4	792.70	3/4	1,105.16	3/4	1,417.70	3/4	1,729.67	3/4	2,042.30	3/4	2,354.92	3/4	2,667.54	3/4	2,980.17
7	180.74	7	489.96	7	799.21	7	1,111.67	7	1,424.21	7	1,736.18	7	2,048.81	7	2,361.43	7	2,674.05	7	2,986.68
1/4	187.23	1/4	496.22	1/4	805.72	1/4	1,118.18	1/4	1,430.72	1/4	1,742.69	1/4	2,055.32	1/4	2,367.94	1/4	2,680.56	1/4	2,993.19
1/2	193.72	1/2	502.48	1/2	812.23	1/2	1,124.69	1/2	1,437.24	1/2	1,749.21	1/2	2,061.84	1/2	2,374.46	1/2	2,687.08	1/2	2,999.70
3/4	200.20	3/4	508.73	3/4	818.74	3/4	1,131.20	3/4	1,443.75	3/4	1,755.72	3/4	2,068.35	3/4	2,380.97	3/4	2,693.59	3/4	3,006.22
8	206.69	8	514.99	8	825.25	8	1,137.71	8	1,450.26	8	1,762.23	8	2,074.86	8	2,387.48	8	2,700.11	8	3,012.73
1/4	213.18	1/4	521.25	1/4	831.76	1/4	1,144.22	1/4	1,456.75	1/4	1,768.75	1/4	2,081.37	1/4	2,393.99	1/4	2,706.62	1/4	3,019.24
1/2	219.67	1/2	527.50	1/2	838.27	1/2	1,150.73	1/2	1,463.25	1/2	1,775.26	1/2	2,087.89	1/2	2,400.51	1/2	2,713.13	1/2	3,025.76
3/4	226.16	3/4	533.76	3/4	844.78	3/4	1,157.23	3/4	1,469.74	3/4	1,781.78	3/4	2,094.40	3/4	2,407.02	3/4	2,719.65	3/4	3,032.27
9	232.64	9	540.01	9	851.29	9	1,163.74	9	1,476.23	9	1,788.29	9	2,100.91	9	2,413.53	9	2,726.16	9	3,038.78
1/4	239.13	1/4	546.27	1/4	857.80	1/4	1,170.25	1/4	1,482.72	1/4	1,794.80	1/4	2,107.42	1/4	2,420.04	1/4	2,732.67	1/4	3,045.29
1/2	245.62	1/2	552.53	1/2	864.32	1/2	1,176.76	1/2	1,489.20	1/2	1,801.32	1/2	2,113.94	1/2	2,426.56	1/2	2,739.18	1/2	3,051.80
3/4	252.10	3/4	558.78	3/4	870.83	3/4	1,183.27	3/4	1,495.69	3/4	1,807.83	3/4	2,120.45	3/4	2,433.07	3/4	2,745.70	3/4	3,058.32
10	258.59	10	565.04	10	877.34	10	1,189.78	10	1,502.17	10	1,814.34	10	2,126.96	10	2,439.59	10	2,752.21	10	3,064.83
1/4	265.08	1/4	571.49	1/4	883.85	1/4	1,196.29	1/4	1,508.66	1/4	1,820.85	1/4	2,133.47	1/4	2,446.10	1/4	2,758.72	1/4	3,071.34
1/2	271.57	1/2	577.94	1/2	890.36	1/2	1,202.80	1/2	1,515.15	1/2	1,827.37	1/2	2,139.99	1/2	2,452.61	1/2	2,765.23	1/2	3,077.86
3/4	278.05	3/4	584.39	3/4	896.87	3/4	1,209.30	3/4	1,521.63	3/4	1,833.88	3/4	2,146.50	3/4	2,459.13	3/4	2,771.75	3/4	3,084.37
11	284.54	11	590.84	11	903.38	11	1,215.81	11	1,528.12	11	1,840.39	11	2,153.01	11	2,465.64	11	2,778.26	11	3,090.89
1/4	291.03	1/4	597.35	1/4	909.89	1/4	1,222.32	1/4	1,534.61	1/4	1,846.90	1/4	2,159.53	1/4	2,472.15	1/4	2,784.77	1/4	3,097.40
1/2	297.51	1/2	603.87	1/2	916.40	1/2	1,228.83	1/2	1,541.09	1/2	1,853.42	1/2	2,166.04	1/2	2,478.66	1/2	2,791.28	1/2	3,103.91
3/4	304.00	3/4	610.38	3/4	922.91	3/4	1,235.34	3/4	1,547.58	3/4	1,859.93	3/4	2,172.56	3/4	2,485.18	3/4	2,797.80	3/4	3,110.43

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 FROM THE TOP LIP OF 10" GAUGE HATCH.

GAUGE POINT: (10" HATCH) LOCATED 10'-09" OFF CENTERLINE AND 38'-06" FORWARD OF AFT BULKHEAD.

CAPACITY TABLE REFLECTS GAUGING ON DATUM PLATE LOCATED 1/4" ABOVE TANK BOTTOM.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77688

http://www.pmacorp.net



BARGE VEB 237"

3 STE INNAGE TABLE

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

HULL NO. 01-2586

GAUGE HEIGHT 14'-09 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,116.94	0	3,429.56	0	3,742.19	0	4,053.12	0	4,363.24	0	0	0	0	0	0	0	0	0	0
1/4	3,123.45	1/4	3,436.07	1/4	3,748.70	1/4	4,059.63	1/4	4,369.75	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,129.96	1/2	3,442.58	1/2	3,755.21	1/2	4,066.14	1/2	4,376.26	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,136.48	3/4	3,449.10	3/4	3,761.73	3/4	4,072.65	3/4	4,382.77	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,142.99	1	3,455.61	1	3,768.24	1	4,079.16	1	4,388.97	1	1	1	1	1	1	1	1	1	1
1/4	3,149.50	1/4	3,462.12	1/4	3,774.75	1/4	4,085.67	1/4	4,394.99	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,156.01	1/2	3,468.64	1/2	3,781.26	1/2	4,092.18	1/2	4,401.02	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,162.53	3/4	3,475.15	3/4	3,787.77	3/4	4,098.69	3/4	4,407.04	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,169.04	2	3,481.67	2	3,794.28	2	4,104.91	2	4,413.07	2	2	2	2	2	2	2	2	2	2
1/4	3,175.56	1/4	3,488.18	1/4	3,800.79	1/4	4,111.38	1/4	4,418.14	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,182.06	1/2	3,494.69	1/2	3,807.30	1/2	4,117.86	1/2	4,423.22	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,188.58	3/4	3,501.21	3/4	3,813.81	3/4	4,124.33	3/4	4,428.29	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,195.09	3	3,507.72	3	3,820.32	3	4,130.81	3	4,433.37	3	3	3	3	3	3	3	3	3	3
1/4	3,201.60	1/4	3,514.23	1/4	3,826.83	1/4	4,137.28	1/4	4,437.36	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,208.12	1/2	3,520.74	1/2	3,833.34	1/2	4,143.76	1/2	4,441.35	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,214.63	3/4	3,527.26	3/4	3,839.85	3/4	4,150.23	3/4	4,445.34	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,221.15	4	3,533.77	4	3,846.36	4	4,156.71	4	4,449.33	4	4	4	4	4	4	4	4	4	4
1/4	3,227.66	1/4	3,540.28	1/4	3,852.87	1/4	4,163.18	1/4	4,452.23	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,234.17	1/2	3,546.79	1/2	3,859.38	1/2	4,169.66	1/2	4,455.14	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,240.69	3/4	3,553.31	3/4	3,865.89	3/4	4,176.13	3/4	4,458.04	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,247.20	5	3,559.82	5	3,872.40	5	4,182.60	5	4,460.95	5	5	5	5	5	5	5	5	5	5
1/4	3,253.71	1/4	3,566.33	1/4	3,878.91	1/4	4,189.07	1/4	4,462.77	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,260.22	1/2	3,572.84	1/2	3,885.42	1/2	4,195.55	1/2	4,464.58	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,266.74	3/4	3,579.36	3/4	3,891.93	3/4	4,202.02	3/4	4,466.40	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,273.26	6	3,585.87	6	3,897.75	6	4,208.50	6	4,468.22	6	6	6	6	6	6	6	6	6	6
1/4	3,279.76	1/4	3,592.38	1/4	3,904.26	1/4	4,214.97	1/4	4,468.95	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,286.27	1/2	3,598.90	1/2	3,910.77	1/2	4,221.44	1/2	4,469.68	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,292.79	3/4	3,605.41	3/4	3,917.28	3/4	4,227.92	3/4	4,470.41	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,299.30	7	3,611.93	7	3,923.65	7	4,234.39	7	4,471.14	7	7	7	7	7	7	7	7	7	7
1/4	3,305.81	1/4	3,618.44	1/4	3,930.12	1/4	4,240.86	1/4	4,471.60	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,312.32	1/2	3,624.95	1/2	3,936.59	1/2	4,247.34	1/2	4,472.06	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,318.84	3/4	3,631.47	3/4	3,943.07	3/4	4,253.81	3/4	4,472.52	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,325.35	8	3,637.98	8	3,949.54	8	4,260.29	8	4,472.98	8	8	8	8	8	8	8	8	8	8
1/4	3,331.86	1/4	3,644.49	1/4	3,956.01	1/4	4,266.73	1/4	4,473.44	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,338.38	1/2	3,651.00	1/2	3,962.49	1/2	4,273.17	1/2	4,473.90	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,344.89	3/4	3,657.52	3/4	3,968.96	3/4	4,279.62	3/4	4,474.36	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,351.41	9	3,664.03	9	3,975.44	9	4,286.06	9	4,474.82	9	9	9	9	9	9	9	9	9	9
1/4	3,357.92	1/4	3,670.54	1/4	3,981.91	1/4	4,292.49	1/4	4,475.28	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,364.43	1/2	3,677.05	1/2	3,988.38	1/2	4,298.92	1/2	4,475.74	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,370.95	3/4	3,683.57	3/4	3,994.86	3/4	4,305.36	3/4	4,476.20	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,377.46	10	3,690.08	10	4,001.33	10	4,311.79	10	4,476.66	10	10	10	10	10	10	10	10	10	10
1/4	3,383.97	1/4	3,696.59	1/4	4,007.80	1/4	4,318.22	1/4	4,477.12	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,390.48	1/2	3,703.10	1/2	4,014.28	1/2	4,324.65	1/2	4,477.58	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,397.00	3/4	3,709.62	3/4	4,020.75	3/4	4,331.08	3/4	4,478.04	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,403.51	11	3,716.13	11	4,027.23	11	4,337.51	11	4,478.50	11	11	11	11	11	11	11	11	11	11
1/4	3,410.02	1/4	3,722.64	1/4	4,033.70	1/4	4,343.94	1/4	4,478.96	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,416.53	1/2	3,729.16	1/2	4,040.17	1/2	4,350.37	1/2	4,479.42	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,423.05	3/4	3,735.67	3/4	4,046.65	3/4	4,356.81	3/4	4,479.88	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.

STRAPPED: 06/04/2002 ITS
DECK MEASUREMENTS: 07/23/2012 SW CL
REPRINTED: 07/24/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77568
<http://www.pmacorp.net>



BARGE "VEB 237"

4 CENT INNAGE TABLE

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

HULL NO. 01-2586

GAUGE HEIGHT 15'-01 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	3.66	0	548.87	0	1,159.09	0	1,781.48	0	2,403.09	0	3,024.94	0	3,645.89	0	4,268.32	0	4,890.79	0	5,513.27
1/4	7.45	1/4	561.84	1/4	1,172.06	1/4	1,794.45	1/4	2,416.04	1/4	3,037.85	1/4	3,668.85	1/4	4,281.29	1/4	4,903.76	1/4	5,526.24
1/2	11.24	1/2	574.81	1/2	1,185.03	1/2	1,807.41	1/2	2,428.99	1/2	3,050.76	1/2	3,671.81	1/2	4,294.26	1/2	4,916.72	1/2	5,539.20
3/4	15.02	3/4	587.77	3/4	1,197.99	3/4	1,820.38	3/4	2,441.93	3/4	3,063.67	3/4	3,684.76	3/4	4,307.22	3/4	4,929.69	3/4	5,552.17
1	18.81	1	600.74	1	1,210.96	1	1,833.34	1	2,454.88	1	3,076.58	1	3,697.72	1	4,320.19	1	4,942.66	1	5,565.14
1/4	26.68	1/4	613.71	1/4	1,223.93	1/4	1,846.30	1/4	2,467.84	1/4	3,089.48	1/4	3,710.69	1/4	4,333.16	1/4	4,955.63	1/4	5,578.11
1/2	34.54	1/2	626.68	1/2	1,236.90	1/2	1,859.26	1/2	2,480.80	1/2	3,102.38	1/2	3,723.66	1/2	4,346.13	1/2	4,968.60	1/2	5,591.07
3/4	42.41	3/4	639.65	3/4	1,249.87	3/4	1,872.21	3/4	2,493.75	3/4	3,115.27	3/4	3,736.62	3/4	4,359.09	3/4	4,981.57	3/4	5,604.04
2	50.27	2	652.62	2	1,262.84	2	1,885.17	2	2,506.71	2	3,128.17	2	3,749.59	2	4,372.06	2	4,994.54	2	5,617.01
1/4	61.23	1/4	665.59	1/4	1,275.81	1/4	1,898.12	1/4	2,519.68	1/4	3,141.07	1/4	3,762.56	1/4	4,385.03	1/4	5,007.51	1/4	5,629.98
1/2	72.20	1/2	678.56	1/2	1,288.78	1/2	1,911.07	1/2	2,532.65	1/2	3,153.97	1/2	3,775.63	1/2	4,398.00	1/2	5,020.47	1/2	5,642.94
3/4	83.16	3/4	691.52	3/4	1,301.74	3/4	1,924.01	3/4	2,545.61	3/4	3,166.87	3/4	3,788.49	3/4	4,410.97	3/4	5,033.44	3/4	5,655.91
3	94.12	3	704.49	3	1,314.71	3	1,936.96	3	2,558.58	3	3,179.77	3	3,801.46	3	4,423.94	3	5,046.41	3	5,668.88
1/4	106.44	1/4	717.46	1/4	1,327.68	1/4	1,949.91	1/4	2,571.55	1/4	3,192.69	1/4	3,814.43	1/4	4,436.91	1/4	5,059.38	1/4	5,681.85
1/2	118.75	1/2	730.43	1/2	1,340.65	1/2	1,962.86	1/2	2,584.52	1/2	3,205.61	1/2	3,827.40	1/2	4,449.88	1/2	5,072.34	1/2	5,694.82
3/4	131.07	3/4	743.40	3/4	1,353.61	3/4	1,975.80	3/4	2,597.48	3/4	3,218.52	3/4	3,840.37	3/4	4,462.84	3/4	5,085.31	3/4	5,707.79
4	143.38	4	756.37	4	1,366.58	4	1,988.75	4	2,610.45	4	3,231.44	4	3,853.34	4	4,475.81	4	5,098.28	4	5,720.76
1/4	155.69	1/4	769.34	1/4	1,379.55	1/4	2,001.70	1/4	2,623.42	1/4	3,244.39	1/4	3,866.31	1/4	4,488.78	1/4	5,111.25	1/4	5,733.73
1/2	168.01	1/2	782.31	1/2	1,392.51	1/2	2,014.65	1/2	2,636.39	1/2	3,257.35	1/2	3,879.28	1/2	4,501.75	1/2	5,124.22	1/2	5,746.69
3/4	180.32	3/4	795.27	3/4	1,405.48	3/4	2,027.59	3/4	2,649.36	3/4	3,270.30	3/4	3,892.24	3/4	4,514.71	3/4	5,137.19	3/4	5,759.66
5	192.63	5	808.24	5	1,418.44	5	2,040.54	5	2,662.33	5	3,283.25	5	3,905.21	5	4,527.68	5	5,150.16	5	5,772.63
1/4	204.95	1/4	821.02	1/4	1,431.41	1/4	2,053.49	1/4	2,675.30	1/4	3,296.20	1/4	3,918.18	1/4	4,540.65	1/4	5,163.13	1/4	5,785.60
1/2	217.26	1/2	833.80	1/2	1,444.37	1/2	2,066.44	1/2	2,688.27	1/2	3,309.15	1/2	3,931.15	1/2	4,553.62	1/2	5,176.09	1/2	5,798.56
3/4	229.58	3/4	846.57	3/4	1,457.34	3/4	2,079.38	3/4	2,701.23	3/4	3,322.10	3/4	3,944.11	3/4	4,566.58	3/4	5,189.06	3/4	5,811.53
6	241.89	6	859.35	6	1,470.30	6	2,092.33	6	2,714.20	6	3,335.05	6	3,957.08	6	4,579.55	6	5,202.03	6	5,824.50
1/4	254.20	1/4	871.81	1/4	1,483.27	1/4	2,105.28	1/4	2,727.17	1/4	3,348.00	1/4	3,970.05	1/4	4,592.52	1/4	5,215.00	1/4	5,837.47
1/2	266.52	1/2	884.27	1/2	1,496.24	1/2	2,118.23	1/2	2,740.14	1/2	3,360.96	1/2	3,983.02	1/2	4,605.49	1/2	5,227.96	1/2	5,850.43
3/4	278.83	3/4	896.72	3/4	1,509.20	3/4	2,131.17	3/4	2,753.10	3/4	3,373.91	3/4	3,995.98	3/4	4,618.46	3/4	5,240.93	3/4	5,863.40
7	291.14	7	909.18	7	1,522.17	7	2,144.12	7	2,766.07	7	3,386.86	7	4,008.95	7	4,631.43	7	5,253.90	7	5,876.37
1/4	303.70	1/4	921.64	1/4	1,535.14	1/4	2,157.07	1/4	2,779.04	1/4	3,399.81	1/4	4,021.92	1/4	4,644.40	1/4	5,266.87	1/4	5,889.34
1/2	316.26	1/2	934.09	1/2	1,548.10	1/2	2,170.02	1/2	2,792.01	1/2	3,412.76	1/2	4,034.89	1/2	4,657.37	1/2	5,279.83	1/2	5,902.31
3/4	328.82	3/4	946.55	3/4	1,561.07	3/4	2,182.96	3/4	2,804.97	3/4	3,425.71	3/4	4,047.86	3/4	4,670.33	3/4	5,292.80	3/4	5,915.28
8	341.38	8	959.00	8	1,574.03	8	2,195.91	8	2,817.94	8	3,438.66	8	4,060.83	8	4,683.30	8	5,305.77	8	5,928.25
1/4	354.35	1/4	971.46	1/4	1,587.00	1/4	2,208.86	1/4	2,830.91	1/4	3,451.61	1/4	4,073.80	1/4	4,696.27	1/4	5,318.74	1/4	5,941.22
1/2	367.32	1/2	983.92	1/2	1,599.96	1/2	2,221.81	1/2	2,843.88	1/2	3,464.57	1/2	4,086.77	1/2	4,709.24	1/2	5,331.71	1/2	5,954.18
3/4	380.28	3/4	996.37	3/4	1,612.93	3/4	2,234.76	3/4	2,856.85	3/4	3,477.52	3/4	4,099.73	3/4	4,722.20	3/4	5,344.68	3/4	5,967.15
9	393.25	9	1,008.83	9	1,625.89	9	2,247.71	9	2,869.82	9	3,490.47	9	4,112.70	9	4,735.17	9	5,357.65	9	5,980.12
1/4	406.22	1/4	1,021.29	1/4	1,638.86	1/4	2,260.66	1/4	2,882.77	1/4	3,503.42	1/4	4,125.67	1/4	4,748.14	1/4	5,370.62	1/4	5,993.09
1/2	419.19	1/2	1,033.75	1/2	1,651.82	1/2	2,273.61	1/2	2,895.72	1/2	3,516.38	1/2	4,138.64	1/2	4,761.11	1/2	5,383.58	1/2	6,006.05
3/4	432.15	3/4	1,046.20	3/4	1,664.79	3/4	2,286.55	3/4	2,908.66	3/4	3,529.33	3/4	4,151.60	3/4	4,774.08	3/4	5,396.55	3/4	6,019.02
10	445.12	10	1,058.66	10	1,677.75	10	2,299.50	10	2,921.61	10	3,542.28	10	4,164.57	10	4,787.05	10	5,409.52	10	6,031.99
1/4	458.09	1/4	1,071.12	1/4	1,690.72	1/4	2,312.45	1/4	2,934.53	1/4	3,555.23	1/4	4,177.54	1/4	4,800.02	1/4	5,422.49	1/4	6,044.96
1/2	471.06	1/2	1,083.58	1/2	1,703.69	1/2	2,325.40	1/2	2,947.44	1/2	3,568.18	1/2	4,190.51	1/2	4,812.99	1/2	5,435.45	1/2	6,057.93
3/4	484.03	3/4	1,096.03	3/4	1,716.65	3/4	2,338.34	3/4	2,960.36	3/4	3,581.13	3/4	4,203.48	3/4	4,825.95	3/4	5,448.42	3/4	6,070.90
11	497.00	11	1,108.49	11	1,729.62	11	2,351.29	11	2,973.27	11	3,594.08	11	4,216.45	11	4,838.92	11	5,461.39	11	6,083.87
1/4	509.97	1/4	1,121.14	1/4	1,742.59	1/4	2,364.24	1/4	2,986.19	1/4	3,607.03	1/4	4,229.42	1/4	4,851.89	1/4	5,474.36	1/4	6,096.84
1/2	522.94	1/2	1,133.79	1/2	1,755.55	1/2	2,377.19	1/2	2,999.11	1/2	3,619.99	1/2	4,242.39	1/2	4,864.86	1/2	5,487.33	1/2	6,109.80
3/4	535.90	3/4	1,146.44	3/4	1,768.52	3/4	2,390.14	3/4	3,012.02	3/4	3,632.94	3/4	4,255.35	3/4	4,877.82	3/4	5,500.30	3/4	6,122.77

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 FROM THE TOP LIP OF 10" GAUGE HATCH.

GAUGE POINT; (10" HATCH) LOCATED 01'-00" OFF CENTERLINE AND 40'-00" FORWARD OF AFT BULKHEAD.

CAPACITY TABLE REFLECTS GAUGING ON DATUM PLATE LOCATED 1/4" ABOVE TANK BOTTOM.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "WEB 237"

4 CENT INNAGE TABLE

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

HULL NO. 01-2586

GAUGE HEIGHT 15'-01 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	6,135.74	0	6,735.29	0	7,124.77	0	7,605.49	0	7,984.18	0		0		0		0		0	
1/4	6,148.71	1/4	6,744.41	1/4	7,132.76	1/4	7,613.40	1/4	7,991.97	1/4		1/4		1/4		1/4		1/4	
1/2	6,161.67	1/2	6,753.52	1/2	7,140.76	1/2	7,521.32	1/2	7,899.75	1/2		1/2		1/2		1/2		1/2	
3/4	6,174.64	3/4	6,762.64	3/4	7,148.75	3/4	7,529.23	3/4	7,907.54	3/4		3/4		3/4		3/4		3/4	
1	6,187.61	1	6,771.76	1	7,156.74	1	7,537.15	1	7,915.33	1		1		1		1		1	
1 1/4	6,200.58	1 1/4	6,780.07	1 1/4	7,164.73	1 1/4	7,545.06	1 1/4	7,923.12	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	6,213.54	1 1/2	6,788.37	1 1/2	7,172.73	1 1/2	7,552.97	1 1/2	7,930.91	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	6,226.51	3/4	6,796.68	3/4	7,180.72	3/4	7,560.89	3/4	7,938.69	3/4		3/4		3/4		3/4		3/4	
2	6,239.48	2	6,804.99	2	7,188.72	2	7,568.80	2	7,946.48	2		2		2		2		2	
1 1/4	6,252.45	1 1/4	6,812.98	1 1/4	7,196.68	1 1/4	7,576.71	1 1/4	7,954.02	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	6,265.42	1 1/2	6,820.98	1 1/2	7,204.65	1 1/2	7,584.63	1 1/2	7,961.56	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	6,278.39	3/4	6,828.97	3/4	7,212.61	3/4	7,592.54	3/4	7,969.10	3/4		3/4		3/4		3/4		3/4	
3	6,291.36	3	6,836.97	3	7,220.58	3	7,600.46	3	7,976.64	3		3		3		3		3	
1 1/4	6,304.33	1 1/4	6,844.96	1 1/4	7,228.49	1 1/4	7,608.37	1 1/4	7,983.26	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	6,317.29	1 1/2	6,852.95	1 1/2	7,236.40	1 1/2	7,616.29	1 1/2	7,989.89	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	6,330.26	3/4	6,860.95	3/4	7,244.32	3/4	7,624.20	3/4	7,996.51	3/4		3/4		3/4		3/4		3/4	
4	6,343.23	4	6,868.94	4	7,252.23	4	7,632.12	4	8,003.13	4		4		4		4		4	
1 1/4	6,356.20	1 1/4	6,876.93	1 1/4	7,260.14	1 1/4	7,640.03	1 1/4	8,008.42	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	6,369.16	1 1/2	6,884.93	1 1/2	7,268.06	1 1/2	7,647.94	1 1/2	8,013.71	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	6,382.13	3/4	6,892.92	3/4	7,275.97	3/4	7,655.86	3/4	8,019.00	3/4		3/4		3/4		3/4		3/4	
5	6,395.10	5	6,900.92	5	7,283.89	5	7,663.77	5	8,024.29	5		5		5		5		5	
1 1/4	6,408.07	1 1/4	6,908.91	1 1/4	7,291.80	1 1/4	7,671.68	1 1/4	8,028.25	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	6,421.04	1 1/2	6,916.91	1 1/2	7,299.72	1 1/2	7,679.60	1 1/2	8,032.20	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	6,434.01	3/4	6,924.90	3/4	7,307.63	3/4	7,687.51	3/4	8,036.16	3/4		3/4		3/4		3/4		3/4	
6	6,446.98	6	6,932.90	6	7,315.55	6	7,695.43	6	8,040.11	6		6		6		6		6	
1 1/4	6,459.95	1 1/4	6,940.89	1 1/4	7,323.46	1 1/4	7,703.34	1 1/4	8,042.73	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	6,472.91	1 1/2	6,948.89	1 1/2	7,331.38	1 1/2	7,711.26	1 1/2	8,045.36	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	6,485.88	3/4	6,956.88	3/4	7,339.29	3/4	7,719.17	3/4	8,047.98	3/4		3/4		3/4		3/4		3/4	
7	6,498.85	7	6,964.88	7	7,347.21	7	7,727.09	7	8,050.60	7		7		7		7		7	
1 1/4	6,511.82	1 1/4	6,972.87	1 1/4	7,355.12	1 1/4	7,735.00	1 1/4	8,051.89	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	6,524.78	1 1/2	6,980.86	1 1/2	7,363.03	1 1/2	7,742.91	1 1/2	8,053.18	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	6,537.75	3/4	6,988.86	3/4	7,370.95	3/4	7,750.83	3/4	8,054.46	3/4		3/4		3/4		3/4		3/4	
8	6,550.72	8	6,996.85	8	7,378.86	8	7,758.74	8	8,055.75	8		8		8		8		8	
1 1/4	6,563.69	1 1/4	7,004.84	1 1/4	7,386.77	1 1/4	7,766.65	1 1/4	8,056.21	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	6,576.60	1 1/2	7,012.84	1 1/2	7,394.69	1 1/2	7,774.57	1 1/2	8,056.66	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	6,589.09	3/4	7,020.83	3/4	7,402.60	3/4	7,782.48	3/4	8,056.89	3/4		3/4		3/4		3/4		3/4	
9	6,601.88	9	7,028.83	9	7,410.52	9	7,790.40	9		9		9		9		9		9	
1 1/4	6,614.00	1 1/4	7,036.82	1 1/4	7,418.43	1 1/4	7,798.27	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	6,626.11	1 1/2	7,044.82	1 1/2	7,426.35	1 1/2	7,806.13	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	6,638.23	3/4	7,052.81	3/4	7,434.26	3/4	7,814.00	3/4		3/4		3/4		3/4		3/4		3/4	
10	6,650.35	10	7,060.81	10	7,442.18	10	7,821.87	10		10		10		10		10		10	
1 1/4	6,661.47	1 1/4	7,068.80	1 1/4	7,450.09	1 1/4	7,829.66	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	6,672.58	1 1/2	7,076.80	1 1/2	7,458.00	1 1/2	7,837.44	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	6,683.70	3/4	7,084.79	3/4	7,465.92	3/4	7,845.23	3/4		3/4		3/4		3/4		3/4		3/4	
11	6,694.82	11	7,092.79	11	7,473.83	11	7,853.02	11		11		11		11		11		11	
1 1/4	6,704.94	1 1/4	7,100.78	1 1/4	7,481.74	1 1/4	7,860.81	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	6,715.05	1 1/2	7,108.78	1 1/2	7,489.66	1 1/2	7,868.60	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	6,725.17	3/4	7,116.77	3/4	7,497.57	3/4	7,876.39	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/04/2002 ITS
DECK MEASUREMENTS: 07/23/2012 SW CL
REPRINTED: 07/24/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2012

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