



BARGE "WEB 227"

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	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-1/4	01-1/4
2 PORT	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8
2 STBD	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8
3 PORT	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8
3 STBD	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8
4 CENTER	- 00-7/8	00-7/8	- 01-5/8	01-5/8	- 02-1/2	02-1/2	- 03-3/8	03-3/8	- 04-1/4	04-1/4	- 05-0/8	05-0/8

(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 1 CENTER IS 00-3/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 3/8"

LENGTH BETWEEN DRAFT MARKS: 234'-00"

November 5, 2010

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "WEB 227"

1 CENTER INNAGE TABLE

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

GAUGE HEIGHT 15'-02 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	1.05	0	364.72	0	857.22	0	1,383.37	0	1,909.36	0	2,435.57	0	2,961.77	0	3,487.98	0	4,014.18	0	4,540.39
1/4	2.43	1/4	374.21 ^{1/4}		868.18	1/4	1,394.33	1/4	1,920.32	1/4	2,446.53	1/4	2,972.73	1/4	3,498.94	1/4	4,025.14	1/4	4,551.35
1/2	3.81	1/2	383.70 ^{1/2}		879.15	1/2	1,405.29	1/2	1,931.29	1/2	2,457.50	1/2	2,983.70	1/2	3,509.91	1/2	4,036.11	1/2	4,562.32
3/4	5.18	3/4	393.19 ^{3/4}		890.11	3/4	1,416.25	3/4	1,942.25	3/4	2,468.46	3/4	2,994.66	3/4	3,520.87	3/4	4,047.07	3/4	4,573.28
1	6.56	1	402.68	1	901.08	1	1,427.21	1	1,953.21	1	2,479.42	1	3,005.62	1	3,531.83	1	4,058.03	1	4,584.24
1/4	10.62	1/4	412.30 ^{1/4}		912.04	1/4	1,438.17	1/4	1,964.17	1/4	2,490.38	1/4	3,016.58	1/4	3,542.79	1/4	4,068.99	1/4	4,595.20
1/2	14.69	1/2	421.93 ^{1/2}		923.00	1/2	1,449.13	1/2	1,975.14	1/2	2,501.35	1/2	3,027.55	1/2	3,553.76	1/2	4,079.96	1/2	4,606.17
3/4	18.75	3/4	431.55 ^{3/4}		933.97	3/4	1,460.08	3/4	1,986.10	3/4	2,512.31	3/4	3,038.51	3/4	3,564.72	3/4	4,090.92	3/4	4,617.13
2	22.81	2	441.17	2	944.93	2	1,471.04	2	1,997.06	2	2,523.27	2	3,049.47	2	3,575.68	2	4,101.88	2	4,628.09
1/4	29.41	1/4	450.95 ^{1/4}		955.89	1/4	1,482.00	1/4	2,008.02	1/4	2,534.23	1/4	3,060.43	1/4	3,586.64	1/4	4,112.84	1/4	4,639.05
1/2	36.00	1/2	460.74 ^{1/2}		966.85	1/2	1,492.96	1/2	2,018.99	1/2	2,545.20	1/2	3,071.40	1/2	3,597.61	1/2	4,123.81	1/2	4,650.02
3/4	42.60	3/4	470.52 ^{3/4}		977.82	3/4	1,503.91	3/4	2,029.95	3/4	2,556.16	3/4	3,082.36	3/4	3,608.57	3/4	4,134.77	3/4	4,660.98
3	49.19	3	480.30	3	988.78	3	1,514.87	3	2,040.91	3	2,567.12	3	3,093.32	3	3,619.53	3	4,145.73	3	4,671.94
1/4	57.22	1/4	490.21 ^{1/4}		999.74	1/4	1,525.83	1/4	2,051.88	1/4	2,578.08	1/4	3,104.28	1/4	3,630.49	1/4	4,156.69	1/4	4,682.90
1/2	65.25	1/2	500.13 ^{1/2}		1,010.71	1/2	1,536.79	1/2	2,062.84	1/2	2,589.05	1/2	3,115.25	1/2	3,641.46	1/2	4,167.66	1/2	4,693.87
3/4	73.28	3/4	510.04 ^{3/4}		1,021.67	3/4	1,547.74	3/4	2,073.81	3/4	2,600.01	3/4	3,126.21	3/4	3,652.42	3/4	4,178.62	3/4	4,704.83
4	81.31	4	519.95	4	1,032.63	4	1,558.70	4	2,084.77	4	2,610.97	4	3,137.17	4	3,663.38	4	4,189.58	4	4,715.79
1/4	89.44	1/4	529.99 ^{1/4}		1,043.59	1/4	1,569.66	1/4	2,095.73	1/4	2,621.93	1/4	3,148.14	1/4	3,674.34	1/4	4,200.54	1/4	4,726.75
1/2	97.57	1/2	540.04 ^{1/2}		1,054.56	1/2	1,580.62	1/2	2,106.70	1/2	2,632.90	1/2	3,159.10	1/2	3,685.31	1/2	4,211.51	1/2	4,737.72
3/4	105.69	3/4	550.08 ^{3/4}		1,065.52	3/4	1,591.58	3/4	2,117.66	3/4	2,643.86	3/4	3,170.07	3/4	3,696.27	3/4	4,222.47	3/4	4,748.68
5	113.82	5	560.12	5	1,076.48	5	1,602.54	5	2,128.62	5	2,654.82	5	3,181.03	5	3,707.23	5	4,233.43	5	4,759.64
1/4	122.38	1/4	570.28 ^{1/4}		1,087.44	1/4	1,613.50	1/4	2,139.58	1/4	2,665.78	1/4	3,191.99	1/4	3,718.19	1/4	4,244.40	1/4	4,770.60
1/2	130.94	1/2	580.43 ^{1/2}		1,098.41	1/2	1,624.46	1/2	2,150.55	1/2	2,676.75	1/2	3,202.96	1/2	3,729.16	1/2	4,255.36	1/2	4,781.57
3/4	139.49	3/4	590.59 ^{3/4}		1,109.37	3/4	1,635.41	3/4	2,161.51	3/4	2,687.71	3/4	3,213.92	3/4	3,740.12	3/4	4,266.33	3/4	4,792.53
6	148.05	6	600.74	6	1,120.33	6	1,646.37	6	2,172.47	6	2,698.67	6	3,224.88	6	3,751.08	6	4,277.29	6	4,803.49
1/4	156.74	1/4	610.97 ^{1/4}		1,131.29	1/4	1,657.33	1/4	2,183.43	1/4	2,709.63	1/4	3,235.84	1/4	3,762.04	1/4	4,288.25	1/4	4,814.45
1/2	165.43	1/2	621.21 ^{1/2}		1,142.26	1/2	1,668.29	1/2	2,194.40	1/2	2,720.60	1/2	3,246.81	1/2	3,773.01	1/2	4,299.22	1/2	4,825.42
3/4	174.12	3/4	631.44 ^{3/4}		1,153.22	3/4	1,679.24	3/4	2,205.36	3/4	2,731.56	3/4	3,257.77	3/4	3,783.97	3/4	4,310.18	3/4	4,836.38
7	182.81	7	641.67	7	1,164.18	7	1,690.20	7	2,216.32	7	2,742.52	7	3,268.73	7	3,794.93	7	4,321.14	7	4,847.34
1/4	191.63	1/4	652.02 ^{1/4}		1,175.14	1/4	1,701.16	1/4	2,227.28	1/4	2,753.48	1/4	3,279.69	1/4	3,805.89	1/4	4,332.10	1/4	4,858.30
1/2	200.45	1/2	662.38 ^{1/2}		1,186.10	1/2	1,712.12	1/2	2,238.25	1/2	2,764.45	1/2	3,290.66	1/2	3,816.86	1/2	4,343.07	1/2	4,869.27
3/4	209.27	3/4	672.73 ^{3/4}		1,197.06	3/4	1,723.07	3/4	2,249.21	3/4	2,775.41	3/4	3,301.62	3/4	3,827.82	3/4	4,354.03	3/4	4,880.23
8	218.09	8	683.08	8	1,208.02	8	1,734.03	8	2,260.17	8	2,786.37	8	3,312.58	8	3,838.78	8	4,364.99	8	4,891.19
1/4	227.03	1/4	693.94 ^{1/4}		1,218.98	1/4	1,744.99	1/4	2,271.13	1/4	2,797.33	1/4	3,323.54	1/4	3,849.74	1/4	4,375.95	1/4	4,902.15
1/2	235.97	1/2	704.80 ^{1/2}		1,229.94	1/2	1,755.95	1/2	2,282.10	1/2	2,808.30	1/2	3,334.51	1/2	3,860.71	1/2	4,386.92	1/2	4,913.11
3/4	244.91	3/4	715.65 ^{3/4}		1,240.89	3/4	1,766.91	3/4	2,293.06	3/4	2,819.26	3/4	3,345.47	3/4	3,871.67	3/4	4,397.88	3/4	4,924.08
9	253.85	9	726.51	9	1,251.85	9	1,777.87	9	2,304.02	9	2,830.22	9	3,356.43	9	3,882.63	9	4,408.84	9	4,935.04
1/4	262.95	1/4	737.37 ^{1/4}		1,262.81	1/4	1,788.83	1/4	2,314.98	1/4	2,841.18	1/4	3,367.39	1/4	3,893.59	1/4	4,419.80	1/4	4,946.00
1/2	272.06	1/2	748.23 ^{1/2}		1,273.77	1/2	1,799.79	1/2	2,325.95	1/2	2,852.15	1/2	3,378.36	1/2	3,904.56	1/2	4,430.77	1/2	4,956.96
3/4	281.16	3/4	759.08 ^{3/4}		1,284.72	3/4	1,810.74	3/4	2,336.91	3/4	2,863.11	3/4	3,389.32	3/4	3,915.52	3/4	4,441.73	3/4	4,967.93
10	290.26	10	769.94	10	1,295.68	10	1,821.70	10	2,347.87	10	2,874.07	10	3,400.28	10	3,926.48	10	4,452.69	10	4,978.89
1/4	299.49	1/4	780.80 ^{1/4}		1,306.64	1/4	1,832.66	1/4	2,358.83	1/4	2,885.03	1/4	3,411.24	1/4	3,937.44	1/4	4,463.65	1/4	4,989.85
1/2	308.73	1/2	791.66 ^{1/2}		1,317.61	1/2	1,843.62	1/2	2,369.80	1/2	2,896.00	1/2	3,422.21	1/2	3,948.41	1/2	4,474.62	1/2	5,000.81
3/4	317.96	3/4	802.51 ^{3/4}		1,328.57	3/4	1,854.57	3/4	2,380.76	3/4	2,906.96	3/4	3,433.17	3/4	3,959.37	3/4	4,485.58	3/4	5,011.78
11	327.19	11	813.37	11	1,339.53	11	1,865.53	11	2,391.72	11	2,917.92	11	3,444.13	11	3,970.33	11	4,496.54	11	5,022.74
1/4	336.57	1/4	824.33 ^{1/4}		1,350.49	1/4	1,876.49	1/4	2,402.68	1/4	2,928.88	1/4	3,455.09	1/4	3,981.29	1/4	4,507.50	1/4	5,033.70
1/2	345.96	1/2	835.29 ^{1/2}		1,361.45	1/2	1,887.45	1/2	2,413.65	1/2	2,939.85	1/2	3,466.06	1/2	3,992.26	1/2	4,518.47	1/2	5,044.66
3/4	355.34	3/4	846.26 ^{3/4}		1,372.41	3/4	1,898.40	3/4	2,424.61	3/4	2,950.81	3/4	3,477.02	3/4	4,003.22	3/4	4,529.43	3/4	5,055.63

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE GAUGE HATCH TO TOP OF TANK AT CENTERLINE
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT THE 10" GAUGE HATCH
 GAUGE POINT: (10" GAUGE HATCH) LOCATED 01'-00" OFF CENTERLINE AND 37'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "WEB 227"

1 CENTER INNAGE TABLE

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

GAUGE HEIGHT 15'-02 1/4"

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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	5,066.59	0	5,592.80	0	6,119.00	0	6,645.21	0	7,171.49	0		0		0		0		0	
1/4	5,077.55	1/4	5,603.76	1/4	6,129.96	1/4	6,656.17	1/4	7,182.45	1/4		1/4		1/4		1/4		1/4	
1/2	5,088.51	1/2	5,614.72	1/2	6,140.92	1/2	6,667.13	1/2	7,193.42	1/2		1/2		1/2		1/2		1/2	
3/4	5,099.48	3/4	5,625.69	3/4	6,151.89	3/4	6,678.10	3/4	7,204.38	3/4		3/4		3/4		3/4		3/4	
1	5,110.44	1	5,636.65	1	6,162.85	1	6,689.06	1	7,215.35	1		1		1		1		1	
1/4	5,121.40	1/4	5,647.61	1/4	6,173.81	1/4	6,700.02	1/4	7,226.31	1/4		1/4		1/4		1/4		1/4	
1/2	5,132.36	1/2	5,658.57	1/2	6,184.77	1/2	6,710.98	1/2	7,237.28	1/2		1/2		1/2		1/2		1/2	
3/4	5,143.33	3/4	5,669.54	3/4	6,195.74	3/4	6,721.95	3/4	7,248.24	3/4		3/4		3/4		3/4		3/4	
2	5,154.29	2	5,680.50	2	6,206.70	2	6,732.91	2	7,259.21	2		2		2		2		2	
1/4	5,165.25	1/4	5,691.46	1/4	6,217.66	1/4	6,743.87	1/4	7,270.06	1/4		1/4		1/4		1/4		1/4	
1/2	5,176.21	1/2	5,702.42	1/2	6,228.62	1/2	6,754.84	1/2	7,280.91	1/2		1/2		1/2		1/2		1/2	
3/4	5,187.18	3/4	5,713.39	3/4	6,239.59	3/4	6,765.80	3/4	7,291.76	3/4		3/4		3/4		3/4		3/4	
3	5,198.14	3	5,724.35	3	6,250.55	3	6,776.77	3	7,302.61	3		3		3		3		3	
1/4	5,209.10	1/4	5,735.31	1/4	6,261.51	1/4	6,787.73	1/4	7,311.97	1/4		1/4		1/4		1/4		1/4	
1/2	5,220.06	1/2	5,746.27	1/2	6,272.47	1/2	6,798.70	1/2	7,321.33	1/2		1/2		1/2		1/2		1/2	
3/4	5,231.03	3/4	5,757.24	3/4	6,283.44	3/4	6,809.66	3/4	7,330.70	3/4		3/4		3/4		3/4		3/4	
4	5,241.99	4	5,768.20	4	6,294.40	4	6,820.63	4	7,340.06	4		4		4		4		4	
1/4	5,252.95	1/4	5,779.16	1/4	6,305.36	1/4	6,831.59	1/4	7,347.60	1/4		1/4		1/4		1/4		1/4	
1/2	5,263.91	1/2	5,790.12	1/2	6,316.32	1/2	6,842.55	1/2	7,355.13	1/2		1/2		1/2		1/2		1/2	
3/4	5,274.88	3/4	5,801.09	3/4	6,327.29	3/4	6,853.52	3/4	7,362.67	3/4		3/4		3/4		3/4		3/4	
5	5,285.84	5	5,812.05	5	6,338.25	5	6,864.48	5	7,370.21	5		5		5		5		5	
1/4	5,296.80	1/4	5,823.01	1/4	6,349.21	1/4	6,875.44	1/4	7,375.92	1/4		1/4		1/4		1/4		1/4	
1/2	5,307.76	1/2	5,833.97	1/2	6,360.17	1/2	6,886.41	1/2	7,381.63	1/2		1/2		1/2		1/2		1/2	
3/4	5,318.73	3/4	5,844.94	3/4	6,371.14	3/4	6,897.37	3/4	7,387.35	3/4		3/4		3/4		3/4		3/4	
6	5,329.69	6	5,855.90	6	6,382.10	6	6,908.34	6	7,393.06	6		6		6		6		6	
1/4	5,340.65	1/4	5,866.86	1/4	6,393.06	1/4	6,919.30	1/4	7,396.94	1/4		1/4		1/4		1/4		1/4	
1/2	5,351.62	1/2	5,877.82	1/2	6,404.02	1/2	6,930.27	1/2	7,400.82	1/2		1/2		1/2		1/2		1/2	
3/4	5,362.58	3/4	5,888.79	3/4	6,414.99	3/4	6,941.23	3/4	7,404.70	3/4		3/4		3/4		3/4		3/4	
7	5,373.55	7	5,899.75	7	6,425.95	7	6,952.20	7	7,408.58	7		7		7		7		7	
1/4	5,384.51	1/4	5,910.71	1/4	6,436.91	1/4	6,963.16	1/4	7,411.09	1/4		1/4		1/4		1/4		1/4	
1/2	5,395.47	1/2	5,921.67	1/2	6,447.88	1/2	6,974.13	1/2	7,413.60	1/2		1/2		1/2		1/2		1/2	
3/4	5,406.44	3/4	5,932.64	3/4	6,458.84	3/4	6,985.09	3/4		3/4		3/4		3/4		3/4		3/4	
8	5,417.40	8	5,943.60	8	6,469.81	8	6,996.06	8		8		8		8		8		8	
1/4	5,428.36	1/4	5,954.56	1/4	6,480.77	1/4	7,007.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,439.32	1/2	5,965.52	1/2	6,491.73	1/2	7,017.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,450.29	3/4	5,976.49	3/4	6,502.70	3/4	7,028.95	3/4		3/4		3/4		3/4		3/4		3/4	
9	5,461.25	9	5,987.45	9	6,513.66	9	7,039.92	9		9		9		9		9		9	
1/4	5,472.21	1/4	5,998.41	1/4	6,524.62	1/4	7,050.88	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,483.17	1/2	6,009.37	1/2	6,535.58	1/2	7,061.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,494.14	3/4	6,020.34	3/4	6,546.55	3/4	7,072.81	3/4		3/4		3/4		3/4		3/4		3/4	
10	5,505.10	10	6,031.30	10	6,557.51	10	7,083.77	10		10		10		10		10		10	
1/4	5,516.06	1/4	6,042.26	1/4	6,568.47	1/4	7,094.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,527.02	1/2	6,053.22	1/2	6,579.43	1/2	7,105.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,537.99	3/4	6,064.19	3/4	6,590.40	3/4	7,116.66	3/4		3/4		3/4		3/4		3/4		3/4	
11	5,548.95	11	6,075.15	11	6,601.36	11	7,127.63	11		11		11		11		11		11	
1/4	5,559.91	1/4	6,086.11	1/4	6,612.32	1/4	7,138.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,570.87	1/2	6,097.07	1/2	6,623.28	1/2	7,149.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,581.84	3/4	6,108.04	3/4	6,634.25	3/4	7,160.52	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/13/2001 ITS
DECK MEASUREMENTS: 11/05/2010 CL
REPRINTED: 12/01/2010 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2010

PRECISION MEASUREMENT
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BARGE "WEB 227"

2 PORT INNAGE TABLE

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

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS																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	9.24	0	263.53	0	524.74	0	787.26	0	1,049.64	0	1,312.22	0	1,574.80	0	1,837.37	0	2,099.95	0	2,362.53																				
1/4	13.41	1/4	268.99 ^{1/4}	1/4	530.21	1/4	792.73	1/4	1,055.11	1/4	1,317.69	1/4	1,580.27	1/4	1,842.84	1/4	2,105.42	1/4	2,368.00																				
1/2	17.57	1/2	274.44 ^{1/2}	1/2	535.68	1/2	798.19	1/2	1,060.58	1/2	1,323.16	1/2	1,585.74	1/2	1,848.32	1/2	2,110.90	1/2	2,373.47																				
3/4	21.74	3/4	279.90 ^{3/4}	3/4	541.15	3/4	803.66	3/4	1,066.05	3/4	1,328.63	3/4	1,591.21	3/4	1,853.79	3/4	2,116.37	3/4	2,378.94																				
1	25.90	1	285.35	1	546.62	1	809.12	1	1,071.52	1	1,334.10	1	1,596.68	1	1,859.26	1	2,121.84	1	2,384.41																				
1/4	30.99	1/4	290.81 ^{1/4}	1/4	552.09	1/4	814.59	1/4	1,076.99	1/4	1,339.57	1/4	1,602.15	1/4	1,864.73	1/4	2,127.31	1/4	2,389.88																				
1/2	36.08	1/2	296.26 ^{1/2}	1/2	557.57	1/2	820.05	1/2	1,082.46	1/2	1,345.04	1/2	1,607.62	1/2	1,870.20	1/2	2,132.78	1/2	2,395.36																				
3/4	41.17	3/4	301.72 ^{3/4}	3/4	563.04	3/4	825.52	3/4	1,087.93	3/4	1,350.51	3/4	1,613.09	3/4	1,875.67	3/4	2,138.25	3/4	2,400.83																				
2	46.26	2	307.17	2	568.51	2	830.98	2	1,093.40	2	1,355.98	2	1,618.56	2	1,881.14	2	2,143.72	2	2,406.30																				
1/4	51.58	1/4	312.63 ^{1/4}	1/4	573.98	1/4	836.45	1/4	1,098.87	1/4	1,361.45	1/4	1,624.03	1/4	1,886.61	1/4	2,149.19	1/4	2,411.77																				
1/2	56.90	1/2	318.08 ^{1/2}	1/2	579.45	1/2	841.91	1/2	1,104.34	1/2	1,366.92	1/2	1,629.50	1/2	1,892.08	1/2	2,154.66	1/2	2,417.24																				
3/4	62.22	3/4	323.54 ^{3/4}	3/4	584.92	3/4	847.38	3/4	1,109.81	3/4	1,372.39	3/4	1,634.97	3/4	1,897.55	3/4	2,160.13	3/4	2,422.71																				
3	67.54	3	328.99	3	590.39	3	852.84	3	1,115.28	3	1,377.86	3	1,640.44	3	1,903.02	3	2,165.60	3	2,428.18																				
1/4	72.92	1/4	334.45 ^{1/4}	1/4	595.86	1/4	858.31	1/4	1,120.75	1/4	1,383.33	1/4	1,645.91	1/4	1,908.49	1/4	2,171.07	1/4	2,433.65																				
1/2	78.31	1/2	339.90 ^{1/2}	1/2	601.33	1/2	863.78	1/2	1,126.22	1/2	1,388.80	1/2	1,651.38	1/2	1,913.96	1/2	2,176.54	1/2	2,439.12																				
3/4	83.69	3/4	345.36 ^{3/4}	3/4	606.80	3/4	869.24	3/4	1,131.69	3/4	1,394.27	3/4	1,656.85	3/4	1,919.43	3/4	2,182.01	3/4	2,444.59																				
4	89.07	4	350.81	4	612.27	4	874.71	4	1,137.16	4	1,399.74	4	1,662.32	4	1,924.90	4	2,187.48	4	2,450.06																				
1/4	94.52	1/4	356.24 ^{1/4}	1/4	617.74	1/4	880.18	1/4	1,142.63	1/4	1,405.21	1/4	1,667.79	1/4	1,930.37	1/4	2,192.95	1/4	2,455.53																				
1/2	99.97	1/2	361.67 ^{1/2}	1/2	623.21	1/2	885.64	1/2	1,148.11	1/2	1,410.68	1/2	1,673.26	1/2	1,935.84	1/2	2,198.42	1/2	2,461.00																				
3/4	105.41	3/4	367.09 ^{3/4}	3/4	628.68	3/4	891.11	3/4	1,153.58	3/4	1,416.15	3/4	1,678.73	3/4	1,941.31	3/4	2,203.89	3/4	2,466.47																				
5	110.86	5	372.52	5	634.15	5	896.57	5	1,159.05	5	1,421.62	5	1,684.20	5	1,946.78	5	2,209.36	5	2,471.94																				
1/4	116.31	1/4	377.94 ^{1/4}	1/4	639.62	1/4	902.04	1/4	1,164.52	1/4	1,427.09	1/4	1,689.67	1/4	1,952.25	1/4	2,214.83	1/4	2,477.41																				
1/2	121.75	1/2	383.36 ^{1/2}	1/2	645.10	1/2	907.50	1/2	1,169.99	1/2	1,432.57	1/2	1,695.15	1/2	1,957.72	1/2	2,220.30	1/2	2,482.88																				
3/4	127.20	3/4	388.77 ^{3/4}	3/4	650.57	3/4	912.97	3/4	1,175.46	3/4	1,438.04	3/4	1,700.62	3/4	1,963.19	3/4	2,225.77	3/4	2,488.35																				
6	132.64	6	394.19	6	656.04	6	918.43	6	1,180.93	6	1,443.51	6	1,706.09	6	1,968.66	6	2,231.24	6	2,493.82																				
1/4	138.09	1/4	399.61 ^{1/4}	1/4	661.51	1/4	923.90	1/4	1,186.40	1/4	1,448.98	1/4	1,711.56	1/4	1,974.13	1/4	2,236.71	1/4	2,499.29																				
1/2	143.54	1/2	405.03 ^{1/2}	1/2	666.98	1/2	929.36	1/2	1,191.87	1/2	1,454.45	1/2	1,717.03	1/2	1,979.61	1/2	2,242.19	1/2	2,504.76																				
3/4	148.98	3/4	410.44 ^{3/4}	3/4	672.45	3/4	934.83	3/4	1,197.34	3/4	1,459.92	3/4	1,722.50	3/4	1,985.08	3/4	2,247.66	3/4	2,510.23																				
7	154.43	7	415.86	7	677.92	7	940.29	7	1,202.81	7	1,465.39	7	1,727.97	7	1,990.55	7	2,253.13	7	2,515.70																				
1/4	159.88	1/4	421.28 ^{1/4}	1/4	683.39	1/4	945.76	1/4	1,208.28	1/4	1,470.86	1/4	1,733.44	1/4	1,996.02	1/4	2,258.60	1/4	2,521.17																				
1/2	165.33	1/2	426.70 ^{1/2}	1/2	688.86	1/2	951.23	1/2	1,213.75	1/2	1,476.33	1/2	1,738.91	1/2	2,001.49	1/2	2,264.07	1/2	2,526.64																				
3/4	170.78	3/4	432.11 ^{3/4}	3/4	694.32	3/4	956.69	3/4	1,219.22	3/4	1,481.80	3/4	1,744.38	3/4	2,006.96	3/4	2,269.54	3/4	2,532.12																				
8	176.23	8	437.53	8	699.79	8	962.16	8	1,224.69	8	1,487.27	8	1,749.85	8	2,012.43	8	2,275.01	8	2,537.59																				
1/4	181.69	1/4	442.95 ^{1/4}	1/4	705.26	1/4	967.63	1/4	1,230.16	1/4	1,492.74	1/4	1,755.32	1/4	2,017.90	1/4	2,280.48	1/4	2,543.06																				
1/2	187.15	1/2	448.37 ^{1/2}	1/2	710.73	1/2	973.09	1/2	1,235.63	1/2	1,498.21	1/2	1,760.79	1/2	2,023.37	1/2	2,285.95	1/2	2,548.53																				
3/4	192.60	3/4	453.78 ^{3/4}	3/4	716.19	3/4	978.56	3/4	1,241.10	3/4	1,503.68	3/4	1,766.26	3/4	2,028.84	3/4	2,291.42	3/4	2,554.00																				
9	198.06	9	459.20	9	721.66	9	984.02	9	1,246.57	9	1,509.15	9	1,771.73	9	2,034.31	9	2,296.89	9	2,559.47																				
1/4	203.52	1/4	464.65 ^{1/4}	1/4	727.13	1/4	989.49	1/4	1,252.04	1/4	1,514.62	1/4	1,777.20	1/4	2,039.78	1/4	2,302.36	1/4	2,564.94																				
1/2	208.98	1/2	470.09 ^{1/2}	1/2	732.60	1/2	994.95	1/2	1,257.51	1/2	1,520.09	1/2	1,782.67	1/2	2,045.25	1/2	2,307.83	1/2	2,570.41																				
3/4	214.43	3/4	475.54 ^{3/4}	3/4	738.06	3/4	1,000.42	3/4	1,262.98	3/4	1,525.56	3/4	1,788.14	3/4	2,050.72	3/4	2,313.30	3/4	2,575.88																				
10	219.89	10	480.98	10	743.53	10	1,005.88	10	1,268.45	10	1,531.03	10	1,793.61	10	2,056.19	10	2,318.77	10	2,581.35																				
1/4	225.35	1/4	486.45 ^{1/4}	1/4	749.00	1/4	1,011.35	1/4	1,273.92	1/4	1,536.50	1/4	1,799.08	1/4	2,061.66	1/4	2,324.24	1/4	2,586.82																				
1/2	230.80	1/2	491.92 ^{1/2}	1/2	754.46	1/2	1,016.82	1/2	1,279.39	1/2	1,541.97	1/2	1,804.55	1/2	2,067.13	1/2	2,329.71	1/2	2,592.29																				
3/4	236.26	3/4	497.39 ^{3/4}	3/4	759.93	3/4	1,022.29	3/4	1,284.86	3/4	1,547.44	3/4	1,810.02	3/4	2,072.60	3/4	2,335.18	3/4	2,597.76																				
11	241.71	11	502.86	11	765.39	11	1,027.76	11	1,290.33	11	1,552.91	11	1,815.49	11	2,078.07	11	2,340.65	11	2,603.23																				
1/4	247.17	1/4	508.33 ^{1/4}	1/4	770.86	1/4	1,033.23	1/4	1,295.80	1/4	1,558.38	1/4	1,820.96	1/4	2,083.54	1/4	2,346.12	1/4	2,608.70																				
1/2	252.62	1/2	513.80 ^{1/2}	1/2	776.33	1/2	1,038.70	1/2	1,301.28	1/2	1,563.86	1/2	1,826.43	1/2	2,089.01	1/2	2,351.59	1/2	2,614.17																				
3/4	258.08	3/4	519.27 ^{3/4}	3/4	781.79	3/4	1,044.17	3/4	1,306.75	3/4	1,569.33	3/4	1,831.90	3/4	2,094.48	3/4	2,357.06	3/4	2,619.64																				

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE GAUGE HATCH TO TOP OF TANK AT CENTERLINE
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT THE 10" GAUGE HATCH
 GAUGE POINT: (10" GAUGE HATCH) LOCATED 11'-03" OFF CENTERLINE AND 33'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "WEB 227"

2 PORT INNAGE TABLE

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

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	2,625.11	0	2,887.69	0	3,150.27	0	3,412.85	0	3,675.47	0		0		0		0			
1/4	2,630.58	1/4	2,893.16	1/4	3,155.74	1/4	3,418.32	1/4	3,680.94	1/4		1/4		1/4		1/4			
1/2	2,636.05	1/2	2,898.63	1/2	3,161.21	1/2	3,423.79	1/2	3,686.41	1/2		1/2		1/2		1/2			
3/4	2,641.52	3/4	2,904.10	3/4	3,166.68	3/4	3,429.26	3/4	3,691.89	3/4		3/4		3/4		3/4			
1	2,646.99	1	2,909.57	1	3,172.15	1	3,434.73	1	3,697.36	1		1		1		1			
1/4	2,652.46	1/4	2,915.04	1/4	3,177.62	1/4	3,440.20	1/4	3,702.48	1/4		1/4		1/4		1/4			
1/2	2,657.93	1/2	2,920.51	1/2	3,183.09	1/2	3,445.67	1/2	3,707.60	1/2		1/2		1/2		1/2			
3/4	2,663.41	3/4	2,925.98	3/4	3,188.56	3/4	3,451.15	3/4	3,712.72	3/4		3/4		3/4		3/4			
2	2,668.88	2	2,931.45	2	3,194.03	2	3,456.62	2	3,717.84	2		2		2		2			
1/4	2,674.35	1/4	2,936.92	1/4	3,199.50	1/4	3,462.09	1/4	3,722.02	1/4		1/4		1/4		1/4			
1/2	2,679.82	1/2	2,942.39	1/2	3,204.97	1/2	3,467.56	1/2	3,726.20	1/2		1/2		1/2		1/2			
3/4	2,685.29	3/4	2,947.87	3/4	3,210.45	3/4	3,473.03	3/4	3,730.38	3/4		3/4		3/4		3/4			
3	2,690.76	3	2,953.34	3	3,215.92	3	3,478.50	3	3,734.56	3		3		3		3			
1/4	2,696.23	1/4	2,958.81	1/4	3,221.39	1/4	3,483.97	1/4	3,737.80	1/4		1/4		1/4		1/4			
1/2	2,701.70	1/2	2,964.28	1/2	3,226.86	1/2	3,489.44	1/2	3,741.04	1/2		1/2		1/2		1/2			
3/4	2,707.17	3/4	2,969.75	3/4	3,232.33	3/4	3,494.92	3/4	3,744.29	3/4		3/4		3/4		3/4			
4	2,712.64	4	2,975.22	4	3,237.80	4	3,500.39	4	3,747.53	4		4		4		4			
1/4	2,718.11	1/4	2,980.69	1/4	3,243.27	1/4	3,505.86	1/4	3,749.84	1/4		1/4		1/4		1/4			
1/2	2,723.58	1/2	2,986.16	1/2	3,248.74	1/2	3,511.33	1/2	3,752.14	1/2		1/2		1/2		1/2			
3/4	2,729.05	3/4	2,991.63	3/4	3,254.21	3/4	3,516.81	3/4	3,754.45	3/4		3/4		3/4		3/4			
5	2,734.52	5	2,997.10	5	3,259.68	5	3,522.28	5	3,756.76	5		5		5		5			
1/4	2,739.99	1/4	3,002.57	1/4	3,265.15	1/4	3,527.75	1/4	3,758.12	1/4		1/4		1/4		1/4			
1/2	2,745.46	1/2	3,008.04	1/2	3,270.62	1/2	3,533.22	1/2	3,759.49	1/2		1/2		1/2		1/2			
3/4	2,750.93	3/4	3,013.51	3/4	3,276.09	3/4	3,538.69	3/4	3,760.85	3/4		3/4		3/4		3/4			
6	2,756.40	6	3,018.98	6	3,281.56	6	3,544.16	6	3,762.22	6		6		6		6			
1/4	2,761.87	1/4	3,024.45	1/4	3,287.03	1/4	3,549.63	1/4	3,762.65	1/4		1/4		1/4		1/4			
1/2	2,767.34	1/2	3,029.92	1/2	3,292.50	1/2	3,555.10	1/2	3,763.08	1/2		1/2		1/2		1/2			
3/4	2,772.81	3/4	3,035.39	3/4	3,297.97	3/4	3,560.58	3/4	3,763.51	3/4		3/4		3/4		3/4			
7	2,778.28	7	3,040.86	7	3,303.44	7	3,566.05	7	3,763.94	7		7		7		7			
1/4	2,783.75	1/4	3,046.33	1/4	3,308.91	1/4	3,571.52	1/4		1/4		1/4		1/4		1/4			
1/2	2,789.22	1/2	3,051.80	1/2	3,314.38	1/2	3,576.99	1/2		1/2		1/2		1/2		1/2			
3/4	2,794.70	3/4	3,057.27	3/4	3,319.85	3/4	3,582.46	3/4		3/4		3/4		3/4		3/4			
8	2,800.17	8	3,062.74	8	3,325.32	8	3,587.93	8		8		8		8		8			
1/4	2,805.64	1/4	3,068.21	1/4	3,330.79	1/4	3,593.40	1/4		1/4		1/4		1/4		1/4			
1/2	2,811.11	1/2	3,073.68	1/2	3,336.26	1/2	3,598.87	1/2		1/2		1/2		1/2		1/2			
3/4	2,816.58	3/4	3,079.16	3/4	3,341.74	3/4	3,604.35	3/4		3/4		3/4		3/4		3/4			
9	2,822.05	9	3,084.63	9	3,347.21	9	3,609.82	9		9		9		9		9			
1/4	2,827.52	1/4	3,090.10	1/4	3,352.68	1/4	3,615.29	1/4		1/4		1/4		1/4		1/4			
1/2	2,832.99	1/2	3,095.57	1/2	3,358.15	1/2	3,620.76	1/2		1/2		1/2		1/2		1/2			
3/4	2,838.46	3/4	3,101.04	3/4	3,363.62	3/4	3,626.23	3/4		3/4		3/4		3/4		3/4			
10	2,843.93	10	3,106.51	10	3,369.09	10	3,631.70	10		10		10		10		10			
1/4	2,849.40	1/4	3,111.98	1/4	3,374.56	1/4	3,637.17	1/4		1/4		1/4		1/4		1/4			
1/2	2,854.87	1/2	3,117.45	1/2	3,380.03	1/2	3,642.64	1/2		1/2		1/2		1/2		1/2			
3/4	2,860.34	3/4	3,122.92	3/4	3,385.50	3/4	3,648.12	3/4		3/4		3/4		3/4		3/4			
11	2,865.81	11	3,128.39	11	3,390.97	11	3,653.59	11		11		11		11		11			
1/4	2,871.28	1/4	3,133.86	1/4	3,396.44	1/4	3,659.06	1/4		1/4		1/4		1/4		1/4			
1/2	2,876.75	1/2	3,139.33	1/2	3,401.91	1/2	3,664.53	1/2		1/2		1/2		1/2		1/2			
3/4	2,882.22	3/4	3,144.80	3/4	3,407.38	3/4	3,670.00	3/4		3/4		3/4		3/4		3/4			

STRAPPED: 02/13/2001 ITS
DECK MEASUREMENTS: 11/05/2010 CL
REPRINTED: 12/01/2010 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2010

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "WEB 227"

2 STBD INNAGE TABLE

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

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	9.26	0	261.40	0	523.00	0	785.80	0	1,047.92	0	1,310.89	0	1,573.86	0	1,836.84	0	2,099.81	0	2,362.78
1/4	12.80	1/4	266.86 ^{1/4}		528.48	1/4	791.26	1/4	1,053.40	1/4	1,316.37	1/4	1,579.34	1/4	1,842.32	1/4	2,105.29	1/4	2,368.26
1/2	16.34	1/2	272.33 ^{1/2}		533.96	1/2	796.72	1/2	1,058.88	1/2	1,321.85	1/2	1,584.82	1/2	1,847.80	1/2	2,110.77	1/2	2,373.74
3/4	19.87	3/4	277.79 ^{3/4}		539.44	3/4	802.17	3/4	1,064.35	3/4	1,327.33	3/4	1,590.30	3/4	1,853.27	3/4	2,116.24	3/4	2,379.22
1	23.41	1	283.25	1	544.92	1	807.63	1	1,069.83	1	1,332.81	1	1,595.78	1	1,858.75	1	2,121.72	1	2,384.70
1/4	28.51	1/4	288.72 ^{1/4}		550.40	1/4	813.09	1/4	1,075.31	1/4	1,338.29	1/4	1,601.26	1/4	1,864.23	1/4	2,127.20	1/4	2,390.18
1/2	33.61	1/2	294.18 ^{1/2}		555.88	1/2	818.55	1/2	1,080.79	1/2	1,343.77	1/2	1,606.74	1/2	1,869.71	1/2	2,132.68	1/2	2,395.66
3/4	38.71	3/4	299.65 ^{3/4}		561.36	3/4	824.01	3/4	1,086.27	3/4	1,349.24	3/4	1,612.21	3/4	1,875.19	3/4	2,138.16	3/4	2,401.13
2	43.81	2	305.11	2	566.84	2	829.47	2	1,091.75	2	1,354.72	2	1,617.69	2	1,880.67	2	2,143.64	2	2,406.61
1/4	49.14	1/4	310.57 ^{1/4}		572.32	1/4	834.93	1/4	1,097.23	1/4	1,360.20	1/4	1,623.17	1/4	1,886.15	1/4	2,149.12	1/4	2,412.09
1/2	54.47	1/2	316.04 ^{1/2}		577.80	1/2	840.39	1/2	1,102.71	1/2	1,365.68	1/2	1,628.65	1/2	1,891.63	1/2	2,154.60	1/2	2,417.57
3/4	59.79	3/4	321.50 ^{3/4}		583.27	3/4	845.84	3/4	1,108.18	3/4	1,371.15	3/4	1,634.13	3/4	1,897.10	3/4	2,160.07	3/4	2,423.05
3	65.12	3	326.96	3	588.75	3	851.30	3	1,113.66	3	1,376.63	3	1,639.61	3	1,902.58	3	2,165.55	3	2,428.53
1/4	70.51	1/4	332.42 ^{1/4}		594.23	1/4	856.76	1/4	1,119.14	1/4	1,382.11	1/4	1,645.09	1/4	1,908.06	1/4	2,171.03	1/4	2,434.01
1/2	75.90	1/2	337.89 ^{1/2}		599.71	1/2	862.22	1/2	1,124.62	1/2	1,387.59	1/2	1,650.57	1/2	1,913.54	1/2	2,176.51	1/2	2,439.49
3/4	81.29	3/4	343.35 ^{3/4}		605.19	3/4	867.67	3/4	1,130.10	3/4	1,393.07	3/4	1,656.04	3/4	1,919.01	3/4	2,181.99	3/4	2,444.96
4	86.68	4	348.81	4	610.67	4	873.13	4	1,135.58	4	1,398.55	4	1,661.52	4	1,924.49	4	2,187.47	4	2,450.44
1/4	92.13	1/4	354.25 ^{1/4}		616.15	1/4	878.59	1/4	1,141.06	1/4	1,404.03	1/4	1,667.00	1/4	1,929.97	1/4	2,192.95	1/4	2,455.92
1/2	97.59	1/2	359.68 ^{1/2}		621.63	1/2	884.05	1/2	1,146.54	1/2	1,409.51	1/2	1,672.48	1/2	1,935.45	1/2	2,198.43	1/2	2,461.40
3/4	103.04	3/4	365.12 ^{3/4}		627.10	3/4	889.51	3/4	1,152.01	3/4	1,414.98	3/4	1,677.96	3/4	1,940.93	3/4	2,203.90	3/4	2,466.87
5	108.49	5	370.55	5	632.58	5	894.97	5	1,157.49	5	1,420.46	5	1,683.44	5	1,946.41	5	2,209.38	5	2,472.35
1/4	113.95	1/4	375.98 ^{1/4}		638.06	1/4	900.43	1/4	1,162.97	1/4	1,425.94	1/4	1,688.92	1/4	1,951.89	1/4	2,214.86	1/4	2,477.83
1/2	119.40	1/2	381.41 ^{1/2}		643.54	1/2	905.89	1/2	1,168.45	1/2	1,431.42	1/2	1,694.40	1/2	1,957.37	1/2	2,220.34	1/2	2,483.31
3/4	124.86	3/4	386.83 ^{3/4}		649.02	3/4	911.34	3/4	1,173.92	3/4	1,436.90	3/4	1,699.87	3/4	1,962.84	3/4	2,225.82	3/4	2,488.79
6	130.31	6	392.26	6	654.50	6	916.80	6	1,179.40	6	1,442.38	6	1,705.35	6	1,968.32	6	2,231.30	6	2,494.27
1/4	135.77	1/4	397.69 ^{1/4}		659.98	1/4	922.26	1/4	1,184.88	1/4	1,447.86	1/4	1,710.83	1/4	1,973.80	1/4	2,236.78	1/4	2,499.75
1/2	141.22	1/2	403.11 ^{1/2}		665.46	1/2	927.72	1/2	1,190.36	1/2	1,453.34	1/2	1,716.31	1/2	1,979.28	1/2	2,242.26	1/2	2,505.23
3/4	146.68	3/4	408.54 ^{3/4}		670.93	3/4	933.17	3/4	1,195.84	3/4	1,458.81	3/4	1,721.78	3/4	1,984.76	3/4	2,247.73	3/4	2,510.70
7	152.13	7	413.96	7	676.41	7	938.63	7	1,201.32	7	1,464.29	7	1,727.26	7	1,990.24	7	2,253.21	7	2,516.18
1/4	157.59	1/4	419.39 ^{1/4}		681.89	1/4	944.09	1/4	1,206.80	1/4	1,469.77	1/4	1,732.74	1/4	1,995.72	1/4	2,258.69	1/4	2,521.66
1/2	163.05	1/2	424.81 ^{1/2}		687.37	1/2	949.55	1/2	1,212.28	1/2	1,475.25	1/2	1,738.22	1/2	2,001.20	1/2	2,264.17	1/2	2,527.14
3/4	168.51	3/4	430.24 ^{3/4}		692.84	3/4	955.00	3/4	1,217.75	3/4	1,480.73	3/4	1,743.70	3/4	2,006.67	3/4	2,269.64	3/4	2,532.62
8	173.97	8	435.66	8	698.32	8	960.46	8	1,223.23	8	1,486.21	8	1,749.18	8	2,012.15	8	2,275.12	8	2,538.10
1/4	179.44	1/4	441.09 ^{1/4}		703.80	1/4	965.92	1/4	1,228.71	1/4	1,491.69	1/4	1,754.66	1/4	2,017.63	1/4	2,280.60	1/4	2,543.58
1/2	184.90	1/2	446.52 ^{1/2}		709.27	1/2	971.38	1/2	1,234.19	1/2	1,497.17	1/2	1,760.14	1/2	2,023.11	1/2	2,286.08	1/2	2,549.06
3/4	190.37	3/4	451.94 ^{3/4}		714.75	3/4	976.84	3/4	1,239.67	3/4	1,502.64	3/4	1,765.61	3/4	2,028.59	3/4	2,291.56	3/4	2,554.53
9	195.83	9	457.37	9	720.22	9	982.30	9	1,245.15	9	1,508.12	9	1,771.09	9	2,034.07	9	2,297.04	9	2,560.01
1/4	201.30	1/4	462.82 ^{1/4}		725.70	1/4	987.76	1/4	1,250.63	1/4	1,513.60	1/4	1,776.57	1/4	2,039.55	1/4	2,302.52	1/4	2,565.49
1/2	206.76	1/2	468.27 ^{1/2}		731.17	1/2	993.22	1/2	1,256.11	1/2	1,519.08	1/2	1,782.05	1/2	2,045.03	1/2	2,308.00	1/2	2,570.97
3/4	212.23	3/4	473.72 ^{3/4}		736.65	3/4	998.67	3/4	1,261.58	3/4	1,524.55	3/4	1,787.53	3/4	2,050.50	3/4	2,313.47	3/4	2,576.45
10	217.69	10	479.17	10	742.12	10	1,004.13	10	1,267.06	10	1,530.03	10	1,793.01	10	2,055.98	10	2,318.95	10	2,581.93
1/4	223.16	1/4	484.65 ^{1/4}		747.58	1/4	1,009.60	1/4	1,272.54	1/4	1,535.51	1/4	1,798.49	1/4	2,061.46	1/4	2,324.43	1/4	2,587.41
1/2	228.62	1/2	490.13 ^{1/2}		753.05	1/2	1,015.07	1/2	1,278.02	1/2	1,540.99	1/2	1,803.97	1/2	2,066.94	1/2	2,329.91	1/2	2,592.89
3/4	234.09	3/4	495.61 ^{3/4}		758.51	3/4	1,020.53	3/4	1,283.50	3/4	1,546.47	3/4	1,809.44	3/4	2,072.41	3/4	2,335.39	3/4	2,598.36
11	239.55	11	501.09	11	763.97	11	1,026.00	11	1,288.98	11	1,551.95	11	1,814.92	11	2,077.89	11	2,340.87	11	2,603.84
1/4	245.01	1/4	506.57 ^{1/4}		769.43	1/4	1,031.48	1/4	1,294.46	1/4	1,557.43	1/4	1,820.40	1/4	2,083.37	1/4	2,346.35	1/4	2,609.32
1/2	250.48	1/2	512.05 ^{1/2}		774.89	1/2	1,036.96	1/2	1,299.94	1/2	1,562.91	1/2	1,825.88	1/2	2,088.85	1/2	2,351.83	1/2	2,614.80
3/4	255.94	3/4	517.52 ^{3/4}		780.34	3/4	1,042.44	3/4	1,305.41	3/4	1,568.38	3/4	1,831.36	3/4	2,094.33	3/4	2,357.30	3/4	2,620.27

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE GAUGE HATCH TO TOP OF TANK AT CENTERLINE
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT THE 10" GAUGE HATCH
 GAUGE POINT: (10" GAUGE HATCH) LOCATED 11'-03" OFF CENTERLINE AND 33'-00" FORWARD OF AFT BULKHEAD.

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





BARGE "WEB 227"

2 STBD
INNAGE TABLE

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

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	2,625.75	0	2,888.73	0	3,151.70	0	3,414.67	0	3,677.69	0		0		0		0		0	
1/4	2,631.23	1/4	2,894.21	1/4	3,157.18	1/4	3,420.15	1/4	3,683.17	1/4		1/4		1/4		1/4		1/4	
1/2	2,636.71	1/2	2,899.69	1/2	3,162.66	1/2	3,425.63	1/2	3,688.65	1/2		1/2		1/2		1/2		1/2	
3/4	2,642.19	3/4	2,905.16	3/4	3,168.13	3/4	3,431.10	3/4	3,694.13	3/4		3/4		3/4		3/4		3/4	
1	2,647.67	1	2,910.64	1	3,173.61	1	3,436.58	1	3,699.61	1		1		1		1		1	
1/4	2,653.15	1/4	2,916.12	1/4	3,179.09	1/4	3,442.06	1/4	3,704.90	1/4		1/4		1/4		1/4		1/4	
1/2	2,658.63	1/2	2,921.60	1/2	3,184.57	1/2	3,447.54	1/2	3,710.20	1/2		1/2		1/2		1/2		1/2	
3/4	2,664.10	3/4	2,927.08	3/4	3,190.05	3/4	3,453.02	3/4	3,715.49	3/4		3/4		3/4		3/4		3/4	
2	2,669.58	2	2,932.56	2	3,195.53	2	3,458.50	2	3,720.78	2		2		2		2		2	
1/4	2,675.06	1/4	2,938.04	1/4	3,201.01	1/4	3,463.98	1/4	3,725.14	1/4		1/4		1/4		1/4		1/4	
1/2	2,680.54	1/2	2,943.52	1/2	3,206.49	1/2	3,469.46	1/2	3,729.50	1/2		1/2		1/2		1/2		1/2	
3/4	2,686.02	3/4	2,948.99	3/4	3,211.96	3/4	3,474.94	3/4	3,733.85	3/4		3/4		3/4		3/4		3/4	
3	2,691.50	3	2,954.47	3	3,217.44	3	3,480.42	3	3,738.21	3		3		3		3		3	
1/4	2,696.98	1/4	2,959.95	1/4	3,222.92	1/4	3,485.90	1/4	3,741.57	1/4		1/4		1/4		1/4		1/4	
1/2	2,702.46	1/2	2,965.43	1/2	3,228.40	1/2	3,491.38	1/2	3,744.93	1/2		1/2		1/2		1/2		1/2	
3/4	2,707.93	3/4	2,970.91	3/4	3,233.88	3/4	3,496.86	3/4	3,748.29	3/4		3/4		3/4		3/4		3/4	
4	2,713.41	4	2,976.39	4	3,239.36	4	3,502.34	4	3,751.65	4		4		4		4		4	
1/4	2,718.89	1/4	2,981.87	1/4	3,244.84	1/4	3,507.82	1/4	3,754.02	1/4		1/4		1/4		1/4		1/4	
1/2	2,724.37	1/2	2,987.35	1/2	3,250.32	1/2	3,513.30	1/2	3,756.39	1/2		1/2		1/2		1/2		1/2	
3/4	2,729.85	3/4	2,992.82	3/4	3,255.79	3/4	3,518.78	3/4	3,758.75	3/4		3/4		3/4		3/4		3/4	
5	2,735.33	5	2,998.30	5	3,261.27	5	3,524.26	5	3,761.12	5		5		5		5		5	
1/4	2,740.81	1/4	3,003.78	1/4	3,266.75	1/4	3,529.74	1/4	3,762.49	1/4		1/4		1/4		1/4		1/4	
1/2	2,746.29	1/2	3,009.26	1/2	3,272.23	1/2	3,535.22	1/2	3,763.86	1/2		1/2		1/2		1/2		1/2	
3/4	2,751.76	3/4	3,014.73	3/4	3,277.71	3/4	3,540.70	3/4	3,765.23	3/4		3/4		3/4		3/4		3/4	
6	2,757.24	6	3,020.21	6	3,283.19	6	3,546.18	6	3,766.60	6		6		6		6		6	
1/4	2,762.72	1/4	3,025.69	1/4	3,288.67	1/4	3,551.66	1/4	3,767.10	1/4		1/4		1/4		1/4		1/4	
1/2	2,768.20	1/2	3,031.17	1/2	3,294.15	1/2	3,557.14	1/2	3,767.59	1/2		1/2		1/2		1/2		1/2	
3/4	2,773.68	3/4	3,036.65	3/4	3,299.62	3/4	3,562.62	3/4	3,768.09	3/4		3/4		3/4		3/4		3/4	
7	2,779.16	7	3,042.13	7	3,305.10	7	3,568.10	7		7		7		7		7		7	
1/4	2,784.64	1/4	3,047.61	1/4	3,310.58	1/4	3,573.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,790.12	1/2	3,053.09	1/2	3,316.06	1/2	3,579.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,795.59	3/4	3,058.56	3/4	3,321.53	3/4	3,584.54	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,801.07	8	3,064.04	8	3,327.01	8	3,590.02	8		8		8		8		8		8	
1/4	2,806.55	1/4	3,069.52	1/4	3,332.49	1/4	3,595.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,812.03	1/2	3,075.00	1/2	3,337.97	1/2	3,600.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,817.50	3/4	3,080.48	3/4	3,343.45	3/4	3,606.45	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,822.98	9	3,085.96	9	3,348.93	9	3,611.93	9		9		9		9		9		9	
1/4	2,828.46	1/4	3,091.44	1/4	3,354.41	1/4	3,617.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,833.94	1/2	3,096.92	1/2	3,359.89	1/2	3,622.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,839.42	3/4	3,102.39	3/4	3,365.36	3/4	3,628.37	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,844.90	10	3,107.87	10	3,370.84	10	3,633.85	10		10		10		10		10		10	
1/4	2,850.38	1/4	3,113.35	1/4	3,113.35	1/4	3,376.32	1/4	3,639.33	1/4		1/4		1/4		1/4		1/4	
1/2	2,855.86	1/2	3,118.83	1/2	3,381.80	1/2	3,644.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,861.33	3/4	3,124.31	3/4	3,387.27	3/4	3,650.29	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,866.81	11	3,129.79	11	3,392.75	11	3,655.77	11		11		11		11		11		11	
1/4	2,872.29	1/4	3,135.27	1/4	3,398.23	1/4	3,661.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,877.77	1/2	3,140.75	1/2	3,403.71	1/2	3,666.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,883.25	3/4	3,146.22	3/4	3,409.19	3/4	3,672.21	3/4		3/4		3/4		3/4		3/4		3/4	

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REPRINTED: 12/01/2010 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2010

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "WEB 227"

3 PORT INNAGE TABLE

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

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS															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	9.26	0	261.30	0	522.80	0	785.50	0	1,047.51	0	1,310.38	0	1,573.25	0	1,836.13	0	2,099.00	0	2,361.87
1/4	12.80	1/4	266.76 ^{1/4}		528.28	1/4	790.95	1/4	1,052.99	1/4	1,315.86	1/4	1,578.73	1/4	1,841.60	1/4	2,104.47	1/4	2,367.35
1/2	16.34	1/2	272.23 ^{1/2}		533.76	1/2	796.41	1/2	1,058.47	1/2	1,321.34	1/2	1,584.20	1/2	1,847.08	1/2	2,109.95	1/2	2,372.82
3/4	19.87	3/4	277.69 ^{3/4}		539.23	3/4	801.86	3/4	1,063.94	3/4	1,326.81	3/4	1,589.68	3/4	1,852.55	3/4	2,115.42	3/4	2,378.30
1	23.41	1	283.15	1	544.71	1	807.32	1	1,069.42	1	1,332.29	1	1,595.16	1	1,858.03	1	2,120.90	1	2,383.78
1/4	28.51	1/4	288.61 ^{1/4}		550.19	1/4	812.78	1/4	1,074.90	1/4	1,337.77	1/4	1,600.64	1/4	1,863.51	1/4	2,126.38	1/4	2,389.26
1/2	33.60	1/2	294.07 ^{1/2}		555.66	1/2	818.23	1/2	1,080.37	1/2	1,343.24	1/2	1,606.11	1/2	1,868.98	1/2	2,131.85	1/2	2,394.73
3/4	38.70	3/4	299.53 ^{3/4}		561.14	3/4	823.69	3/4	1,085.85	3/4	1,348.72	3/4	1,611.59	3/4	1,874.46	3/4	2,137.33	3/4	2,400.20
2	43.79	2	304.99	2	566.61	2	829.15	2	1,091.32	2	1,354.19	2	1,617.07	2	1,879.94	2	2,142.81	2	2,405.68
1/4	49.12	1/4	310.45 ^{1/4}		572.09	1/4	834.60	1/4	1,096.80	1/4	1,359.67	1/4	1,622.54	1/4	1,885.41	1/4	2,148.29	1/4	2,411.16
1/2	54.45	1/2	315.92 ^{1/2}		577.57	1/2	840.06	1/2	1,102.28	1/2	1,365.15	1/2	1,628.02	1/2	1,890.89	1/2	2,153.76	1/2	2,416.63
3/4	59.77	3/4	321.38 ^{3/4}		583.04	3/4	845.52	3/4	1,107.75	3/4	1,370.62	3/4	1,633.49	3/4	1,896.36	3/4	2,159.24	3/4	2,422.11
3	65.10	3	326.84	3	588.52	3	850.97	3	1,113.23	3	1,376.10	3	1,638.97	3	1,901.84	3	2,164.72	3	2,427.59
1/4	70.49	1/4	332.30 ^{1/4}		594.00	1/4	856.43	1/4	1,118.71	1/4	1,381.58	1/4	1,644.45	1/4	1,907.32	1/4	2,170.19	1/4	2,433.06
1/2	75.88	1/2	337.76 ^{1/2}		599.48	1/2	861.89	1/2	1,124.18	1/2	1,387.06	1/2	1,649.92	1/2	1,912.79	1/2	2,175.67	1/2	2,438.54
3/4	81.26	3/4	343.22 ^{3/4}		604.95	3/4	867.34	3/4	1,129.66	3/4	1,392.53	3/4	1,655.40	3/4	1,918.27	3/4	2,181.14	3/4	2,444.01
4	86.65	4	348.68	4	610.43	4	872.80	4	1,135.13	4	1,398.01	4	1,660.88	4	1,923.75	4	2,186.62	4	2,449.49
1/4	92.10	1/4	354.11 ^{1/4}		615.91	1/4	878.26	1/4	1,140.61	1/4	1,403.49	1/4	1,666.35	1/4	1,929.23	1/4	2,192.10	1/4	2,454.97
1/2	97.56	1/2	359.55 ^{1/2}		621.39	1/2	883.71	1/2	1,146.09	1/2	1,408.96	1/2	1,671.83	1/2	1,934.70	1/2	2,197.57	1/2	2,460.44
3/4	103.01	3/4	364.98 ^{3/4}		626.86	3/4	889.17	3/4	1,151.56	3/4	1,414.44	3/4	1,677.30	3/4	1,940.18	3/4	2,203.05	3/4	2,465.92
5	108.46	5	370.41	5	632.34	5	894.62	5	1,157.04	5	1,419.91	5	1,682.78	5	1,945.66	5	2,208.53	5	2,471.40
1/4	113.91	1/4	375.83 ^{1/4}		637.81	1/4	900.08	1/4	1,162.52	1/4	1,425.39	1/4	1,688.26	1/4	1,951.13	1/4	2,214.00	1/4	2,476.88
1/2	119.37	1/2	381.26 ^{1/2}		643.29	1/2	905.53	1/2	1,168.00	1/2	1,430.87	1/2	1,693.73	1/2	1,956.61	1/2	2,219.48	1/2	2,482.35
3/4	124.82	3/4	386.68 ^{3/4}		648.77	3/4	910.99	3/4	1,173.47	3/4	1,436.34	3/4	1,699.21	3/4	1,962.08	3/4	2,224.95	3/4	2,487.83
6	130.27	6	392.10	6	654.24	6	916.44	6	1,178.95	6	1,441.82	6	1,704.69	6	1,967.56	6	2,230.43	6	2,493.31
1/4	135.72	1/4	397.53 ^{1/4}		659.72	1/4	921.90	1/4	1,184.43	1/4	1,447.30	1/4	1,710.17	1/4	1,973.04	1/4	2,235.91	1/4	2,498.78
1/2	141.18	1/2	402.95 ^{1/2}		665.19	1/2	927.36	1/2	1,189.90	1/2	1,452.77	1/2	1,715.64	1/2	1,978.51	1/2	2,241.38	1/2	2,504.26
3/4	146.63	3/4	408.38 ^{3/4}		670.67	3/4	932.81	3/4	1,195.38	3/4	1,458.25	3/4	1,721.12	3/4	1,983.99	3/4	2,246.86	3/4	2,509.73
7	152.08	7	413.80	7	676.15	7	938.27	7	1,200.85	7	1,463.72	7	1,726.60	7	1,989.47	7	2,252.34	7	2,515.21
1/4	157.54	1/4	419.22 ^{1/4}		681.62	1/4	943.73	1/4	1,206.33	1/4	1,469.20	1/4	1,732.07	1/4	1,994.94	1/4	2,257.82	1/4	2,520.69
1/2	163.00	1/2	424.65 ^{1/2}		687.10	1/2	949.18	1/2	1,211.81	1/2	1,474.68	1/2	1,737.55	1/2	2,000.42	1/2	2,263.29	1/2	2,526.16
3/4	168.45	3/4	430.07 ^{3/4}		692.57	3/4	954.64	3/4	1,217.28	3/4	1,480.15	3/4	1,743.02	3/4	2,005.89	3/4	2,268.77	3/4	2,531.64
8	173.91	8	435.49	8	698.05	8	960.09	8	1,222.76	8	1,485.63	8	1,748.50	8	2,011.37	8	2,274.25	8	2,537.12
1/4	179.37	1/4	440.91 ^{1/4}		703.52	1/4	965.55	1/4	1,228.24	1/4	1,491.11	1/4	1,753.98	1/4	2,016.85	1/4	2,279.72	1/4	2,542.59
1/2	184.84	1/2	446.34 ^{1/2}		708.99	1/2	971.01	1/2	1,233.71	1/2	1,496.59	1/2	1,759.45	1/2	2,022.32	1/2	2,285.20	1/2	2,548.07
3/4	190.30	3/4	451.76 ^{3/4}		714.47	3/4	976.46	3/4	1,239.19	3/4	1,502.06	3/4	1,764.93	3/4	2,027.80	3/4	2,290.67	3/4	2,553.54
9	195.76	9	457.18	9	719.94	9	981.92	9	1,244.66	9	1,507.54	9	1,770.41	9	2,033.28	9	2,296.15	9	2,559.02
1/4	201.22	1/4	462.63 ^{1/4}		725.41	1/4	987.38	1/4	1,250.14	1/4	1,513.02	1/4	1,775.88	1/4	2,038.76	1/4	2,301.63	1/4	2,564.50
1/2	206.69	1/2	468.08 ^{1/2}		730.88	1/2	992.83	1/2	1,255.62	1/2	1,518.49	1/2	1,781.36	1/2	2,044.23	1/2	2,307.10	1/2	2,569.97
3/4	212.15	3/4	473.53 ^{3/4}		736.36	3/4	998.29	3/4	1,261.09	3/4	1,523.97	3/4	1,786.83	3/4	2,049.71	3/4	2,312.58	3/4	2,575.45
10	217.61	10	478.98	10	741.83	10	1,003.74	10	1,266.57	10	1,529.44	10	1,792.31	10	2,055.19	10	2,318.06	10	2,580.93
1/4	223.07	1/4	484.46 ^{1/4}		747.29	1/4	1,009.21	1/4	1,272.05	1/4	1,534.92	1/4	1,797.79	1/4	2,060.66	1/4	2,323.53	1/4	2,586.41
1/2	228.54	1/2	489.94 ^{1/2}		752.75	1/2	1,014.67	1/2	1,277.53	1/2	1,540.39	1/2	1,803.26	1/2	2,066.14	1/2	2,329.01	1/2	2,591.88
3/4	234.00	3/4	495.41 ^{3/4}		758.22	3/4	1,020.14	3/4	1,283.00	3/4	1,545.87	3/4	1,808.74	3/4	2,071.61	3/4	2,334.48	3/4	2,597.36
11	239.46	11	500.89	11	763.68	11	1,025.60	11	1,288.48	11	1,551.35	11	1,814.22	11	2,077.09	11	2,339.96	11	2,602.84
1/4	244.92	1/4	506.37 ^{1/4}		769.13	1/4	1,031.08	1/4	1,293.96	1/4	1,556.82	1/4	1,819.70	1/4	2,082.57	1/4	2,345.44	1/4	2,608.31
1/2	250.38	1/2	511.85 ^{1/2}		774.59	1/2	1,036.56	1/2	1,299.43	1/2	1,562.30	1/2	1,825.17	1/2	2,088.04	1/2	2,350.91	1/2	2,613.79
3/4	255.84	3/4	517.32 ^{3/4}		780.04	3/4	1,042.03	3/4	1,304.91	3/4	1,567.77	3/4	1,830.65	3/4	2,093.52	3/4	2,356.39	3/4	2,619.26

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE GAUGE HATCH TO TOP OF TANK AT CENTERLINE
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT THE 10" GAUGE HATCH
 GAUGE POINT: (10" GAUGE HATCH) LOCATED 11'-03" OFF CENTERLINE AND 33'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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





BARGE "WEB 227"

3 PORT INNAGE TABLE

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

GAUGE HEIGHT 14'-09"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	2,624.74	0	2,887.61	0	3,150.49	0	3,413.36	0	3,676.28	0		0		0		0		0	
1/4	2,630.22	1/4	2,893.09	1/4	3,155.96	1/4	3,418.84	1/4	3,681.76	1/4		1/4		1/4		1/4		1/4	
1/2	2,635.69	1/2	2,898.56	1/2	3,161.44	1/2	3,424.31	1/2	3,687.23	1/2		1/2		1/2		1/2		1/2	
3/4	2,641.17	3/4	2,904.04	3/4	3,166.91	3/4	3,429.79	3/4	3,692.71	3/4		3/4		3/4		3/4		3/4	
1	2,646.65	1	2,909.52	1	3,172.39	1	3,435.27	1	3,698.19	1		1		1		1		1	
1/4	2,652.12	1/4	2,915.00	1/4	3,177.87	1/4	3,440.75	1/4	3,703.29	1/4		1/4		1/4		1/4		1/4	
1/2	2,657.60	1/2	2,920.47	1/2	3,183.34	1/2	3,446.22	1/2	3,708.39	1/2		1/2		1/2		1/2		1/2	
3/4	2,663.07	3/4	2,925.95	3/4	3,188.82	3/4	3,451.70	3/4	3,713.50	3/4		3/4		3/4		3/4		3/4	
2	2,668.55	2	2,931.43	2	3,194.30	2	3,457.18	2	3,718.60	2		2		2		2		2	
1/4	2,674.03	1/4	2,936.90	1/4	3,199.77	1/4	3,462.66	1/4	3,722.71	1/4		1/4		1/4		1/4		1/4	
1/2	2,679.50	1/2	2,942.38	1/2	3,205.25	1/2	3,468.13	1/2	3,726.81	1/2		1/2		1/2		1/2		1/2	
3/4	2,684.98	3/4	2,947.85	3/4	3,210.72	3/4	3,473.61	3/4	3,730.92	3/4		3/4		3/4		3/4		3/4	
3	2,690.46	3	2,953.33	3	3,216.20	3	3,479.09	3	3,735.03	3		3		3		3		3	
1/4	2,695.94	1/4	2,958.81	1/4	3,221.68	1/4	3,484.57	1/4	3,738.14	1/4		1/4		1/4		1/4		1/4	
1/2	2,701.41	1/2	2,964.28	1/2	3,227.15	1/2	3,490.04	1/2	3,741.25	1/2		1/2		1/2		1/2		1/2	
3/4	2,706.89	3/4	2,969.76	3/4	3,232.63	3/4	3,495.52	3/4	3,744.36	3/4		3/4		3/4		3/4		3/4	
4	2,712.37	4	2,975.24	4	3,238.11	4	3,501.00	4	3,747.47	4		4		4		4		4	
1/4	2,717.84	1/4	2,980.71	1/4	3,243.59	1/4	3,506.48	1/4	3,749.58	1/4		1/4		1/4		1/4		1/4	
1/2	2,723.32	1/2	2,986.19	1/2	3,249.06	1/2	3,511.95	1/2	3,751.70	1/2		1/2		1/2		1/2		1/2	
3/4	2,728.79	3/4	2,991.66	3/4	3,254.54	3/4	3,517.43	3/4	3,753.81	3/4		3/4		3/4		3/4		3/4	
5	2,734.27	5	2,997.14	5	3,260.02	5	3,522.91	5	3,755.93	5		5		5		5		5	
1/4	2,739.75	1/4	3,002.62	1/4	3,265.49	1/4	3,528.39	1/4	3,757.05	1/4		1/4		1/4		1/4		1/4	
1/2	2,745.22	1/2	3,008.09	1/2	3,270.97	1/2	3,533.86	1/2	3,758.17	1/2		1/2		1/2		1/2		1/2	
3/4	2,750.70	3/4	3,013.57	3/4	3,276.44	3/4	3,539.34	3/4	3,759.29	3/4		3/4		3/4		3/4		3/4	
6	2,756.18	6	3,019.05	6	3,281.92	6	3,544.82	6	3,760.41	6		6		6		6		6	
1/4	2,761.65	1/4	3,024.53	1/4	3,287.40	1/4	3,550.30	1/4	3,760.78	1/4		1/4		1/4		1/4		1/4	
1/2	2,767.13	1/2	3,030.00	1/2	3,292.87	1/2	3,555.77	1/2	3,761.16	1/2		1/2		1/2		1/2		1/2	
3/4	2,772.60	3/4	3,035.48	3/4	3,298.35	3/4	3,561.25	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,778.08	7	3,040.96	7	3,303.83	7	3,566.73	7		7		7		7		7		7	
1/4	2,783.56	1/4	3,046.43	1/4	3,309.31	1/4	3,572.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,789.03	1/2	3,051.91	1/2	3,314.78	1/2	3,577.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,794.51	3/4	3,057.38	3/4	3,320.26	3/4	3,583.16	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,799.99	8	3,062.86	8	3,325.74	8	3,588.64	8		8		8		8		8		8	
1/4	2,805.47	1/4	3,068.34	1/4	3,331.21	1/4	3,594.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,810.94	1/2	3,073.81	1/2	3,336.69	1/2	3,599.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,816.42	3/4	3,079.29	3/4	3,342.16	3/4	3,605.07	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,821.90	9	3,084.77	9	3,347.64	9	3,610.55	9		9		9		9		9		9	
1/4	2,827.37	1/4	3,090.24	1/4	3,353.12	1/4	3,616.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,832.85	1/2	3,095.72	1/2	3,358.59	1/2	3,621.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,838.32	3/4	3,101.19	3/4	3,364.07	3/4	3,626.98	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,843.80	10	3,106.67	10	3,369.55	10	3,632.46	10		10		10		10		10		10	
1/4	2,849.28	1/4	3,112.15	1/4	3,375.02	1/4	3,637.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,854.75	1/2	3,117.62	1/2	3,380.50	1/2	3,643.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,860.23	3/4	3,123.10	3/4	3,385.97	3/4	3,648.89	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,865.71	11	3,128.58	11	3,391.45	11	3,654.37	11		11		11		11		11		11	
1/4	2,871.18	1/4	3,134.06	1/4	3,396.93	1/4	3,659.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,876.66	1/2	3,139.53	1/2	3,402.40	1/2	3,665.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,882.13	3/4	3,145.01	3/4	3,407.88	3/4	3,670.80	3/4		3/4		3/4		3/4		3/4		3/4	

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REPRINTED: 12/01/2010 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2010

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "WEB 227"

3 STBD INNAGE TABLE

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

GAUGE HEIGHT 14'-09 5/8"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0	9.27	0	261.77	0	523.75	0	787.01	0	1,049.96	0	1,313.31	0	1,576.66	0	1,840.01	0	2,103.37	0	2,366.72
1/4	12.81	1/4	267.24 ^{1/4}		529.24	1/4	792.49	1/4	1,055.45	1/4	1,318.80	1/4	1,582.15	1/4	1,845.50	1/4	2,108.85	1/4	2,372.21
1/2	16.36	1/2	272.72 ^{1/2}		534.72	1/2	797.96	1/2	1,060.94	1/2	1,324.29	1/2	1,587.63	1/2	1,850.98	1/2	2,114.34	1/2	2,377.69
3/4	19.90	3/4	278.19 ^{3/4}		540.21	3/4	803.44	3/4	1,066.42	3/4	1,329.77	3/4	1,593.12	3/4	1,856.47	3/4	2,119.82	3/4	2,383.18
1	23.44	1	283.66	1	545.69	1	808.91	1	1,071.91	1	1,335.26	1	1,598.61	1	1,861.96	1	2,125.31	1	2,388.66
1/4	28.55	1/4	289.13 ^{1/4}		551.18	1/4	814.39	1/4	1,077.40	1/4	1,340.74	1/4	1,604.10	1/4	1,867.45	1/4	2,130.80	1/4	2,394.15
1/2	33.66	1/2	294.60 ^{1/2}		556.67	1/2	819.87	1/2	1,082.88	1/2	1,346.23	1/2	1,609.58	1/2	1,872.93	1/2	2,136.28	1/2	2,399.64
3/4	38.76	3/4	300.07 ^{3/4}		562.15	3/4	825.34	3/4	1,088.37	3/4	1,351.71	3/4	1,615.07	3/4	1,878.42	3/4	2,141.77	3/4	2,405.12
2	43.87	2	305.54	2	567.64	2	830.82	2	1,093.85	2	1,357.20	2	1,620.56	2	1,883.91	2	2,147.26	2	2,410.61
1/4	49.20	1/4	311.01 ^{1/4}		573.13	1/4	836.30	1/4	1,099.34	1/4	1,362.69	1/4	1,626.04	1/4	1,889.39	1/4	2,152.74	1/4	2,416.10
1/2	54.54	1/2	316.49 ^{1/2}		578.62	1/2	841.78	1/2	1,104.83	1/2	1,368.17	1/2	1,631.53	1/2	1,894.88	1/2	2,158.23	1/2	2,421.59
3/4	59.87	3/4	321.96 ^{3/4}		584.10	3/4	847.25	3/4	1,110.31	3/4	1,373.66	3/4	1,637.01	3/4	1,900.36	3/4	2,163.71	3/4	2,427.07
3	65.20	3	327.43	3	589.59	3	852.73	3	1,115.80	3	1,379.15	3	1,642.50	3	1,905.85	3	2,169.20	3	2,432.56
1/4	70.60	1/4	332.90 ^{1/4}		595.08	1/4	858.21	1/4	1,121.29	1/4	1,384.64	1/4	1,647.99	1/4	1,911.34	1/4	2,174.69	1/4	2,438.05
1/2	76.00	1/2	338.37 ^{1/2}		600.56	1/2	863.68	1/2	1,126.77	1/2	1,390.12	1/2	1,653.47	1/2	1,916.82	1/2	2,180.17	1/2	2,443.53
3/4	81.40	3/4	343.84 ^{3/4}		606.05	3/4	869.16	3/4	1,132.26	3/4	1,395.61	3/4	1,658.96	3/4	1,922.31	3/4	2,185.66	3/4	2,449.02
4	86.80	4	349.31	4	611.53	4	874.64	4	1,137.74	4	1,401.10	4	1,664.45	4	1,927.80	4	2,191.15	4	2,454.50
1/4	92.26	1/4	354.75 ^{1/4}		617.02	1/4	880.12	1/4	1,143.23	1/4	1,406.58	1/4	1,669.93	1/4	1,933.28	1/4	2,196.64	1/4	2,459.99
1/2	97.73	1/2	360.20 ^{1/2}		622.51	1/2	885.59	1/2	1,148.72	1/2	1,412.07	1/2	1,675.42	1/2	1,938.77	1/2	2,202.12	1/2	2,465.48
3/4	103.19	3/4	365.64 ^{3/4}		627.99	3/4	891.07	3/4	1,154.20	3/4	1,417.55	3/4	1,680.90	3/4	1,944.25	3/4	2,207.61	3/4	2,470.96
5	108.65	5	371.08	5	633.48	5	896.55	5	1,159.69	5	1,423.04	5	1,686.39	5	1,949.74	5	2,213.10	5	2,476.45
1/4	114.11	1/4	376.52 ^{1/4}		638.97	1/4	902.02	1/4	1,165.18	1/4	1,428.53	1/4	1,691.88	1/4	1,955.23	1/4	2,218.58	1/4	2,481.94
1/2	119.57	1/2	381.95 ^{1/2}		644.46	1/2	907.50	1/2	1,170.67	1/2	1,434.01	1/2	1,697.36	1/2	1,960.71	1/2	2,224.07	1/2	2,487.42
3/4	125.03	3/4	387.39 ^{3/4}		649.94	3/4	912.97	3/4	1,176.15	3/4	1,439.50	3/4	1,702.85	3/4	1,966.20	3/4	2,229.55	3/4	2,492.91
6	130.49	6	392.82	6	655.43	6	918.45	6	1,181.64	6	1,444.99	6	1,708.34	6	1,971.69	6	2,235.04	6	2,498.39
1/4	135.95	1/4	398.25 ^{1/4}		660.92	1/4	923.93	1/4	1,187.13	1/4	1,450.47	1/4	1,713.83	1/4	1,977.18	1/4	2,240.53	1/4	2,503.88
1/2	141.42	1/2	403.69 ^{1/2}		666.40	1/2	929.40	1/2	1,192.61	1/2	1,455.96	1/2	1,719.31	1/2	1,982.66	1/2	2,246.01	1/2	2,509.37
3/4	146.88	3/4	409.12 ^{3/4}		671.89	3/4	934.88	3/4	1,198.10	3/4	1,461.44	3/4	1,724.80	3/4	1,988.15	3/4	2,251.50	3/4	2,514.85
7	152.34	7	414.55	7	677.37	7	940.36	7	1,203.58	7	1,466.93	7	1,730.29	7	1,993.64	7	2,256.99	7	2,520.34
1/4	157.81	1/4	419.98 ^{1/4}		682.86	1/4	945.84	1/4	1,209.07	1/4	1,472.42	1/4	1,735.77	1/4	1,999.12	1/4	2,262.47	1/4	2,525.83
1/2	163.28	1/2	425.42 ^{1/2}		688.34	1/2	951.31	1/2	1,214.56	1/2	1,477.90	1/2	1,741.26	1/2	2,004.61	1/2	2,267.96	1/2	2,531.32
3/4	168.74	3/4	430.85 ^{3/4}		693.83	3/4	956.79	3/4	1,220.04	3/4	1,483.39	3/4	1,746.74	3/4	2,010.09	3/4	2,273.44	3/4	2,536.80
8	174.21	8	436.28	8	699.31	8	962.27	8	1,225.53	8	1,488.88	8	1,752.23	8	2,015.58	8	2,278.93	8	2,542.29
1/4	179.69	1/4	441.72 ^{1/4}		704.80	1/4	967.75	1/4	1,231.02	1/4	1,494.37	1/4	1,757.72	1/4	2,021.07	1/4	2,284.42	1/4	2,547.78
1/2	185.16	1/2	447.15 ^{1/2}		710.28	1/2	973.22	1/2	1,236.50	1/2	1,499.85	1/2	1,763.20	1/2	2,026.55	1/2	2,289.90	1/2	2,553.26
3/4	190.64	3/4	452.59 ^{3/4}		715.77	3/4	978.70	3/4	1,241.99	3/4	1,505.34	3/4	1,768.69	3/4	2,032.04	3/4	2,295.39	3/4	2,558.75
9	196.11	9	458.02	9	721.25	9	984.18	9	1,247.47	9	1,510.83	9	1,774.18	9	2,037.53	9	2,300.88	9	2,564.23
1/4	201.58	1/4	463.48 ^{1/4}		726.73	1/4	989.66	1/4	1,252.96	1/4	1,516.31	1/4	1,779.66	1/4	2,043.01	1/4	2,306.37	1/4	2,569.72
1/2	207.06	1/2	468.94 ^{1/2}		732.22	1/2	995.13	1/2	1,258.45	1/2	1,521.80	1/2	1,785.15	1/2	2,048.50	1/2	2,311.85	1/2	2,575.21
3/4	212.53	3/4	474.39 ^{3/4}		737.70	3/4	1,000.61	3/4	1,263.93	3/4	1,527.28	3/4	1,790.63	3/4	2,053.98	3/4	2,317.34	3/4	2,580.69
10	218.00	10	479.85	10	743.18	10	1,006.09	10	1,269.42	10	1,532.77	10	1,796.12	10	2,059.47	10	2,322.83	10	2,586.18
1/4	223.47	1/4	485.34 ^{1/4}		748.66	1/4	1,011.57	1/4	1,274.91	1/4	1,538.26	1/4	1,801.61	1/4	2,064.96	1/4	2,328.31	1/4	2,591.67
1/2	228.95	1/2	490.83 ^{1/2}		754.14	1/2	1,017.05	1/2	1,280.40	1/2	1,543.74	1/2	1,807.09	1/2	2,070.44	1/2	2,333.80	1/2	2,597.15
3/4	234.42	3/4	496.31 ^{3/4}		759.62	3/4	1,022.53	3/4	1,285.88	3/4	1,549.23	3/4	1,812.58	3/4	2,075.93	3/4	2,339.28	3/4	2,602.64
11	239.89	11	501.80	11	765.10	11	1,028.01	11	1,291.37	11	1,554.72	11	1,818.07	11	2,081.42	11	2,344.77	11	2,608.12
1/4	245.36	1/4	507.29 ^{1/4}		770.58	1/4	1,033.50	1/4	1,296.86	1/4	1,560.20	1/4	1,823.55	1/4	2,086.91	1/4	2,350.26	1/4	2,613.61
1/2	250.83	1/2	512.78 ^{1/2}		776.06	1/2	1,038.99	1/2	1,302.34	1/2	1,565.69	1/2	1,829.04	1/2	2,092.39	1/2	2,355.75	1/2	2,619.10
3/4	256.30	3/4	518.26 ^{3/4}		781.53	3/4	1,044.47	3/4	1,307.83	3/4	1,571.17	3/4	1,834.52	3/4	2,097.88	3/4	2,361.23	3/4	2,624.58

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE GAUGE HATCH TO TOP OF TANK AT CENTERLINE
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT THE 10" GAUGE HATCH
 GAUGE POINT: (10" GAUGE HATCH) LOCATED 11'-03" OFF CENTERLINE AND 33'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "WEB 227"

3 STBD INNAGE TABLE

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

GAUGE HEIGHT 14'-09 5/8"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	2,630.07	0	2,893.42	0	3,166.77	0	3,420.13	0	3,683.52	0		0		0		0		0	
1/4	2,635.56	1/4	2,898.91	1/4	3,162.26	1/4	3,425.62	1/4	3,689.01	1/4		1/4		1/4		1/4		1/4	
1/2	2,641.05	1/2	2,904.40	1/2	3,167.75	1/2	3,431.11	1/2	3,694.50	1/2		1/2		1/2		1/2		1/2	
3/4	2,646.53	3/4	2,909.88	3/4	3,173.23	3/4	3,436.59	3/4	3,699.98	3/4		3/4		3/4		3/4		3/4	
1	2,652.02	1	2,915.37	1	3,178.72	1	3,442.08	1	3,705.47	1		1		1		1		1	
1/4	2,657.51	1/4	2,920.86	1/4	3,184.21	1/4	3,447.57	1/4	3,710.76	1/4		1/4		1/4		1/4		1/4	
1/2	2,662.99	1/2	2,926.34	1/2	3,189.70	1/2	3,453.06	1/2	3,716.06	1/2		1/2		1/2		1/2		1/2	
3/4	2,668.48	3/4	2,931.83	3/4	3,195.18	3/4	3,458.54	3/4	3,721.35	3/4		3/4		3/4		3/4		3/4	
2	2,673.96	2	2,937.31	2	3,200.67	2	3,464.03	2	3,726.64	2		2		2		2		2	
1/4	2,679.45	1/4	2,942.80	1/4	3,206.16	1/4	3,469.52	1/4	3,730.95	1/4		1/4		1/4		1/4		1/4	
1/2	2,684.94	1/2	2,948.29	1/2	3,211.64	1/2	3,475.01	1/2	3,735.26	1/2		1/2		1/2		1/2		1/2	
3/4	2,690.42	3/4	2,953.77	3/4	3,217.13	3/4	3,480.49	3/4	3,739.57	3/4		3/4		3/4		3/4		3/4	
3	2,695.91	3	2,959.26	3	3,222.61	3	3,485.98	3	3,743.88	3		3		3		3		3	
1/4	2,701.40	1/4	2,964.75	1/4	3,228.10	1/4	3,491.47	1/4	3,747.15	1/4		1/4		1/4		1/4		1/4	
1/2	2,706.88	1/2	2,970.24	1/2	3,233.59	1/2	3,496.96	1/2	3,750.42	1/2		1/2		1/2		1/2		1/2	
3/4	2,712.37	3/4	2,975.72	3/4	3,239.07	3/4	3,502.44	3/4	3,753.68	3/4		3/4		3/4		3/4		3/4	
4	2,717.85	4	2,981.21	4	3,244.56	4	3,507.93	4	3,756.95	4		4		4		4		4	
1/4	2,723.34	1/4	2,986.70	1/4	3,250.05	1/4	3,513.42	1/4	3,759.17	1/4		1/4		1/4		1/4		1/4	
1/2	2,728.83	1/2	2,992.18	1/2	3,255.54	1/2	3,518.91	1/2	3,761.39	1/2		1/2		1/2		1/2		1/2	
3/4	2,734.31	3/4	2,997.67	3/4	3,261.02	3/4	3,524.39	3/4	3,763.60	3/4		3/4		3/4		3/4		3/4	
5	2,739.80	5	3,003.15	5	3,266.51	5	3,529.88	5	3,765.82	5		5		5		5		5	
1/4	2,745.29	1/4	3,008.64	1/4	3,272.00	1/4	3,535.37	1/4	3,767.00	1/4		1/4		1/4		1/4		1/4	
1/2	2,750.78	1/2	3,014.13	1/2	3,277.48	1/2	3,540.85	1/2	3,768.18	1/2		1/2		1/2		1/2		1/2	
3/4	2,756.26	3/4	3,019.61	3/4	3,282.97	3/4	3,546.34	3/4	3,769.35	3/4		3/4		3/4		3/4		3/4	
6	2,761.75	6	3,025.10	6	3,288.45	6	3,551.82	6	3,770.53	6		6		6		6		6	
1/4	2,767.24	1/4	3,030.59	1/4	3,293.94	1/4	3,557.31	1/4	3,770.92	1/4		1/4		1/4		1/4		1/4	
1/2	2,772.72	1/2	3,036.07	1/2	3,299.43	1/2	3,562.80	1/2	3,771.31	1/2		1/2		1/2		1/2		1/2	
3/4	2,778.21	3/4	3,041.56	3/4	3,304.91	3/4	3,568.28	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,783.69	7	3,047.04	7	3,310.40	7	3,573.77	7		7		7		7		7		7	
1/4	2,789.18	1/4	3,052.53	1/4	3,315.89	1/4	3,579.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,794.67	1/2	3,058.02	1/2	3,321.37	1/2	3,584.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,800.15	3/4	3,063.50	3/4	3,326.86	3/4	3,590.23	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,805.64	8	3,068.99	8	3,332.34	8	3,595.72	8		8		8		8		8		8	
1/4	2,811.13	1/4	3,074.48	1/4	3,337.83	1/4	3,601.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,816.61	1/2	3,079.97	1/2	3,343.32	1/2	3,606.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,822.10	3/4	3,085.45	3/4	3,348.80	3/4	3,612.18	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,827.58	9	3,090.94	9	3,354.29	9	3,617.67	9		9		9		9		9		9	
1/4	2,833.07	1/4	3,096.43	1/4	3,359.78	1/4	3,623.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,838.56	1/2	3,101.91	1/2	3,365.27	1/2	3,628.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,844.04	3/4	3,107.40	3/4	3,370.75	3/4	3,634.13	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,849.53	10	3,112.88	10	3,376.24	10	3,639.62	10		10		10		10		10		10	
1/4	2,855.02	1/4	3,118.37	1/4	3,381.73	1/4	3,645.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,860.51	1/2	3,123.86	1/2	3,387.21	1/2	3,650.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,865.99	3/4	3,129.34	3/4	3,392.70	3/4	3,656.08	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,871.48	11	3,134.83	11	3,398.18	11	3,661.57	11		11		11		11		11		11	
1/4	2,876.97	1/4	3,140.32	1/4	3,403.67	1/4	3,667.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,882.45	1/2	3,145.80	1/2	3,409.16	1/2	3,672.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,887.94	3/4	3,151.29	3/4	3,414.64	3/4	3,678.03	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 02/13/2001 ITS
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REPRINTED: 12/01/2010 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2010

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "WEB 227"

4 CENTER INNAGE TABLE

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

GAUGE HEIGHT 15'-01 5/8"

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	1.89	0	416.65	0	893.76	0	1,372.92	0	1,851.44	0	2,330.42	0	2,808.86	0	3,287.99	0	3,766.47	0	4,211.40
1/4	3.55	1/4	426.61 ^{1/4}		903.76	1/4	1,382.89	1/4	1,861.43	1/4	2,340.37	1/4	2,818.85	1/4	3,297.96	1/4	3,776.44	1/4	4,219.78
1/2	5.21	1/2	436.57 ^{1/2}		913.73	1/2	1,392.85	1/2	1,871.42	1/2	2,350.32	1/2	2,828.83	1/2	3,307.93	1/2	3,786.41	1/2	4,228.16
3/4	6.87	3/4	446.52 ^{3/4}		923.72	3/4	1,402.82	3/4	1,881.40	3/4	2,360.26	3/4	2,838.82	3/4	3,317.90	3/4	3,796.37	3/4	4,236.54
1	8.53	1	456.48	1	933.71	1	1,412.78	1	1,891.39	1	2,370.21	1	2,848.80	1	3,327.87	1	3,806.34	1	4,244.92
1/4	13.45	1/4	466.44 ^{1/4}		943.70	1/4	1,422.75	1/4	1,901.38	1/4	2,380.16	1/4	2,858.79	1/4	3,337.84	1/4	3,816.31	1/4	4,253.28
1/2	18.37	1/2	476.40 ^{1/2}		953.68	1/2	1,432.72	1/2	1,911.37	1/2	2,390.10	1/2	2,868.77	1/2	3,347.81	1/2	3,826.28	1/2	4,261.65
3/4	23.29	3/4	486.36 ^{3/4}		963.67	3/4	1,442.69	3/4	1,921.35	3/4	2,400.05	3/4	2,878.76	3/4	3,357.77	3/4	3,836.24	3/4	4,270.01
2	28.21	2	496.32	2	973.66	2	1,452.66	2	1,931.34	2	2,409.99	2	2,888.74	2	3,367.74	2	3,846.21	2	4,278.37
1/4	36.25	1/4	506.31 ^{1/4}		983.65	1/4	1,462.63	1/4	1,941.33	1/4	2,419.94	1/4	2,898.73	1/4	3,377.71	1/4	3,856.18	1/4	4,286.73
1/2	44.30	1/2	516.30 ^{1/2}		993.63	1/2	1,472.60	1/2	1,951.31	1/2	2,429.88	1/2	2,908.71	1/2	3,387.68	1/2	3,866.15	1/2	4,295.09
3/4	52.34	3/4	526.28 ^{3/4}		1,003.62	3/4	1,482.57	3/4	1,961.30	3/4	2,439.83	3/4	2,918.70	3/4	3,397.64	3/4	3,876.12	3/4	4,303.45
3	60.38	3	536.27	3	1,013.61	3	1,492.54	3	1,971.28	3	2,449.77	3	2,928.68	3	3,407.61	3	3,886.09	3	4,311.81
1/4	70.09	1/4	546.26 ^{1/4}		1,023.59	1/4	1,502.51	1/4	1,981.27	1/4	2,459.72	1/4	2,938.67	1/4	3,417.58	1/4	3,896.06	1/4	4,320.17
1/2	79.80	1/2	556.24 ^{1/2}		1,033.58	1/2	1,512.48	1/2	1,991.26	1/2	2,469.66	1/2	2,948.65	1/2	3,427.55	1/2	3,906.03	1/2	4,328.54
3/4	89.50	3/4	566.23 ^{3/4}		1,043.56	3/4	1,522.45	3/4	2,001.24	3/4	2,479.61	3/4	2,958.64	3/4	3,437.52	3/4	3,915.99	3/4	4,336.90
4	99.21	4	576.21	4	1,053.54	4	1,532.42	4	2,011.23	4	2,489.55	4	2,968.62	4	3,447.49	4	3,925.96	4	4,345.26
1/4	108.92	1/4	586.20 ^{1/4}		1,063.52	1/4	1,542.39	1/4	2,021.22	1/4	2,499.53	1/4	2,978.61	1/4	3,457.46	1/4	3,935.93	1/4	4,353.62
1/2	118.63	1/2	596.18 ^{1/2}		1,073.51	1/2	1,552.36	1/2	2,031.21	1/2	2,509.50	1/2	2,988.60	1/2	3,467.43	1/2	3,945.90	1/2	4,361.99
3/4	128.33	3/4	606.17 ^{3/4}		1,083.49	3/4	1,562.32	3/4	2,041.19	3/4	2,519.48	3/4	2,998.58	3/4	3,477.39	3/4	3,955.86	3/4	4,370.35
5	138.04	5	616.16	5	1,093.47	5	1,572.29	5	2,051.18	5	2,529.45	5	3,008.57	5	3,487.36	5	3,965.83	5	4,378.71
1/4	147.98	1/4	626.12 ^{1/4}		1,103.45	1/4	1,582.26	1/4	2,061.17	1/4	2,539.42	1/4	3,018.56	1/4	3,497.33	1/4	3,975.78	1/4	4,387.07
1/2	157.93	1/2	636.09 ^{1/2}		1,113.44	1/2	1,592.23	1/2	2,071.15	1/2	2,549.40	1/2	3,028.54	1/2	3,507.30	1/2	3,985.72	1/2	4,395.44
3/4	167.87	3/4	646.05 ^{3/4}		1,123.42	3/4	1,602.20	3/4	2,081.14	3/4	2,559.37	3/4	3,038.53	3/4	3,517.26	3/4	3,995.67	3/4	4,403.80
6	177.81	6	656.02	6	1,133.40	6	1,612.17	6	2,091.12	6	2,569.34	6	3,048.51	6	3,527.23	6	4,005.61	6	4,412.16
1/4	187.75	1/4	665.91 ^{1/4}		1,143.38	1/4	1,622.14	1/4	2,101.11	1/4	2,579.32	1/4	3,058.50	1/4	3,537.20	1/4	4,015.16	1/4	4,420.52
1/2	197.70	1/2	675.80 ^{1/2}		1,153.37	1/2	1,632.11	1/2	2,111.10	1/2	2,589.30	1/2	3,068.48	1/2	3,547.17	1/2	4,024.71	1/2	4,428.88
3/4	207.64	3/4	685.69 ^{3/4}		1,163.35	3/4	1,642.07	3/4	2,121.08	3/4	2,599.27	3/4	3,078.47	3/4	3,557.13	3/4	4,034.26	3/4	4,437.24
7	217.58	7	695.58	7	1,173.33	7	1,652.04	7	2,131.07	7	2,609.25	7	3,088.45	7	3,567.10	7	4,043.81	7	4,445.60
1/4	227.52	1/4	705.47 ^{1/4}		1,183.31	1/4	1,662.01	1/4	2,141.06	1/4	2,619.23	1/4	3,098.44	1/4	3,577.07	1/4	4,052.18	1/4	4,453.96
1/2	237.46	1/2	715.35 ^{1/2}		1,193.29	1/2	1,671.98	1/2	2,151.05	1/2	2,629.21	1/2	3,108.42	1/2	3,587.04	1/2	4,060.54	1/2	4,462.33
3/4	247.40	3/4	725.24 ^{3/4}		1,203.27	3/4	1,681.95	3/4	2,161.03	3/4	2,639.19	3/4	3,118.41	3/4	3,597.01	3/4	4,068.91	3/4	4,470.69
8	257.34	8	735.13	8	1,213.25	8	1,691.92	8	2,171.02	8	2,649.17	8	3,128.39	8	3,606.98	8	4,077.27	8	4,479.05
1/4	267.28	1/4	745.02 ^{1/4}		1,223.23	1/4	1,701.89	1/4	2,181.01	1/4	2,659.15	1/4	3,138.37	1/4	3,616.95	1/4	4,085.64	1/4	4,487.41
1/2	277.23	1/2	754.91 ^{1/2}		1,233.21	1/2	1,711.86	1/2	2,190.99	1/2	2,669.13	1/2	3,148.36	1/2	3,626.92	1/2	4,094.00	1/2	4,495.78
3/4	287.17	3/4	764.80 ^{3/4}		1,243.18	3/4	1,721.83	3/4	2,200.98	3/4	2,679.10	3/4	3,158.34	3/4	3,636.88	3/4	4,102.37	3/4	4,504.14
9	297.11	9	774.69	9	1,253.16	9	1,731.80	9	2,210.96	9	2,689.08	9	3,168.32	9	3,646.85	9	4,110.73	9	4,512.50
1/4	307.07	1/4	784.58 ^{1/4}		1,263.14	1/4	1,741.77	1/4	2,220.93	1/4	2,699.06	1/4	3,178.30	1/4	3,656.82	1/4	4,119.10	1/4	4,520.86
1/2	317.04	1/2	794.47 ^{1/2}		1,273.12	1/2	1,751.74	1/2	2,230.90	1/2	2,709.05	1/2	3,188.29	1/2	3,666.79	1/2	4,127.46	1/2	4,529.22
3/4	327.00	3/4	804.36 ^{3/4}		1,283.09	3/4	1,761.71	3/4	2,240.87	3/4	2,719.03	3/4	3,198.27	3/4	3,676.75	3/4	4,135.83	3/4	4,537.58
10	336.96	10	814.25	10	1,293.07	10	1,771.68	10	2,250.84	10	2,729.01	10	3,208.25	10	3,686.72	10	4,144.19	10	4,545.94
1/4	346.92	1/4	824.14 ^{1/4}		1,303.05	1/4	1,781.65	1/4	2,260.79	1/4	2,738.99	1/4	3,218.22	1/4	3,696.69	1/4	4,152.59	1/4	4,554.30
1/2	356.89	1/2	834.03 ^{1/2}		1,313.04	1/2	1,791.62	1/2	2,270.74	1/2	2,748.97	1/2	3,228.19	1/2	3,706.66	1/2	4,160.99	1/2	4,562.67
3/4	366.85	3/4	843.92 ^{3/4}		1,323.02	3/4	1,801.59	3/4	2,280.69	3/4	2,758.95	3/4	3,238.15	3/4	3,716.63	3/4	4,169.39	3/4	4,571.03
11	376.81	11	853.81	11	1,333.00	11	1,811.56	11	2,290.64	11	2,768.93	11	3,248.12	11	3,726.60	11	4,177.79	11	4,579.39
1/4	386.77	1/4	863.80 ^{1/4}		1,342.98	1/4	1,821.53	1/4	2,300.59	1/4	2,778.91	1/4	3,258.09	1/4	3,736.57	1/4	4,186.19	1/4	4,587.75
1/2	396.73	1/2	873.78 ^{1/2}		1,352.96	1/2	1,831.50	1/2	2,310.53	1/2	2,788.90	1/2	3,268.06	1/2	3,746.54	1/2	4,194.60	1/2	4,596.12
3/4	406.69	3/4	883.77 ^{3/4}		1,362.94	3/4	1,841.47	3/4	2,320.48	3/4	2,798.88	3/4	3,278.02	3/4	3,756.50	3/4	4,203.00	3/4	4,604.48

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE GAUGE HATCH TO TOP OF TANK AT CENTERLINE
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT THE 10' GAUGE HATCH
 GAUGE POINT: (10' GAUGE HATCH) LOCATED 01'-00" OFF CENTERLINE AND 46'-04" FORWARD OF AFT BULKHEAD.

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



BARGE "WEB 227"

4 CENTER INNAGE TABLE

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

GAUGE HEIGHT 15'-01 5/8"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	4,612.84	0	5,044.47	0	5,263.97	0	5,400.93	0	5,547.24	0		0		0		0		0	
1/4	4,621.20	1/4	5,054.40	1/4	5,267.04	1/4	5,403.98	1/4	5,550.29	1/4		1/4		1/4		1/4		1/4	
1/2	4,629.56	1/2	5,064.33	1/2	5,260.12	1/2	5,407.03	1/2	5,553.34	1/2		1/2		1/2		1/2		1/2	
3/4	4,637.92	3/4	5,074.26	3/4	5,263.19	3/4	5,410.07	3/4	5,556.38	3/4		3/4		3/4		3/4		3/4	
1	4,646.28	1	5,084.19	1	5,266.26	1	5,413.12	1	5,559.43	1		1		1		1		1	
1/4	4,654.64	1/4	5,094.18	1/4	5,269.33	1/4	5,416.17	1/4	5,562.48	1/4		1/4		1/4		1/4		1/4	
1/2	4,663.01	1/2	5,104.17	1/2	5,272.40	1/2	5,419.22	1/2	5,565.53	1/2		1/2		1/2		1/2		1/2	
3/4	4,671.37	3/4	5,114.16	3/4	5,275.47	3/4	5,422.26	3/4	5,568.58	3/4		3/4		3/4		3/4		3/4	
2	4,679.73	2	5,124.15	2	5,278.54	2	5,425.31	2	5,571.63	2		2		2		2		2	
1/4	4,688.09	1/4	5,128.95	1/4	5,281.61	1/4	5,428.36	1/4	5,574.65	1/4		1/4		1/4		1/4		1/4	
1/2	4,696.45	1/2	5,133.76	1/2	5,284.69	1/2	5,431.41	1/2	5,577.68	1/2		1/2		1/2		1/2		1/2	
3/4	4,704.81	3/4	5,138.56	3/4	5,287.76	3/4	5,434.46	3/4	5,580.70	3/4		3/4		3/4		3/4		3/4	
3	4,713.17	3	5,143.36	3	5,290.83	3	5,437.51	3	5,583.72	3		3		3		3		3	
1/4	4,721.53	1/4	5,146.43	1/4	5,293.90	1/4	5,440.56	1/4	5,586.32	1/4		1/4		1/4		1/4		1/4	
1/2	4,729.90	1/2	5,149.51	1/2	5,296.98	1/2	5,443.61	1/2	5,588.92	1/2		1/2		1/2		1/2		1/2	
3/4	4,738.26	3/4	5,152.58	3/4	5,300.05	3/4	5,446.65	3/4	5,591.51	3/4		3/4		3/4		3/4		3/4	
4	4,746.62	4	5,155.65	4	5,303.12	4	5,449.70	4	5,594.11	4		4		4		4		4	
1/4	4,754.98	1/4	5,158.72	1/4	5,306.19	1/4	5,452.75	1/4	5,596.06	1/4		1/4		1/4		1/4		1/4	
1/2	4,763.35	1/2	5,161.80	1/2	5,309.27	1/2	5,455.80	1/2	5,598.01	1/2		1/2		1/2		1/2		1/2	
3/4	4,771.71	3/4	5,164.87	3/4	5,312.34	3/4	5,458.84	3/4	5,599.96	3/4		3/4		3/4		3/4		3/4	
5	4,780.07	5	5,167.94	5	5,315.41	5	5,461.89	5	5,601.91	5		5		5		5		5	
1/4	4,788.43	1/4	5,171.01	1/4	5,318.48	1/4	5,464.94	1/4	5,603.21	1/4		1/4		1/4		1/4		1/4	
1/2	4,796.79	1/2	5,174.09	1/2	5,321.55	1/2	5,467.99	1/2	5,604.52	1/2		1/2		1/2		1/2		1/2	
3/4	4,805.15	3/4	5,177.16	3/4	5,324.62	3/4	5,471.03	3/4	5,605.82	3/4		3/4		3/4		3/4		3/4	
6	4,813.51	6	5,180.23	6	5,327.69	6	5,474.08	6	5,607.12	6		6		6		6		6	
1/4	4,821.87	1/4	5,183.30	1/4	5,330.76	1/4	5,477.13	1/4	5,607.78	1/4		1/4		1/4		1/4		1/4	
1/2	4,830.24	1/2	5,186.38	1/2	5,333.83	1/2	5,480.18	1/2	5,608.43	1/2		1/2		1/2		1/2		1/2	
3/4	4,838.60	3/4	5,189.45	3/4	5,336.89	3/4	5,483.23	3/4	5,609.09	3/4		3/4		3/4		3/4		3/4	
7	4,846.96	7	5,192.52	7	5,339.96	7	5,486.28	7	5,609.74	7		7		7		7		7	
1/4	4,856.87	1/4	5,195.59	1/4	5,343.01	1/4	5,489.33	1/4	5,609.92	1/4		1/4		1/4		1/4		1/4	
1/2	4,866.77	1/2	5,198.67	1/2	5,346.06	1/2	5,492.38	1/2	5,610.09	1/2		1/2		1/2		1/2		1/2	
3/4	4,876.68	3/4	5,201.74	3/4	5,349.11	3/4	5,495.42	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,886.58	8	5,204.81	8	5,352.16	8	5,498.47	8		8		8		8		8		8	
1/4	4,896.45	1/4	5,207.88	1/4	5,355.21	1/4	5,501.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,906.32	1/2	5,210.96	1/2	5,358.26	1/2	5,504.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,916.18	3/4	5,214.03	3/4	5,361.30	3/4	5,507.61	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,926.05	9	5,217.10	9	5,364.35	9	5,510.66	9		9		9		9		9		9	
1/4	4,935.92	1/4	5,220.17	1/4	5,367.40	1/4	5,513.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,945.79	1/2	5,223.25	1/2	5,370.45	1/2	5,516.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,955.66	3/4	5,226.32	3/4	5,373.49	3/4	5,519.80	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,965.53	10	5,229.39	10	5,376.54	10	5,522.85	10		10		10		10		10		10	
1/4	4,975.40	1/4	5,232.46	1/4	5,379.59	1/4	5,525.90	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,985.27	1/2	5,235.54	1/2	5,382.64	1/2	5,528.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,995.13	3/4	5,238.61	3/4	5,385.68	3/4	5,532.00	3/4		3/4		3/4		3/4		3/4		3/4	
11	5,005.00	11	5,241.68	11	5,388.73	11	5,535.05	11		11		11		11		11		11	
1/4	5,014.87	1/4	5,244.75	1/4	5,391.78	1/4	5,538.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,024.74	1/2	5,247.83	1/2	5,394.83	1/2	5,541.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,034.60	3/4	5,250.90	3/4	5,397.88	3/4	5,544.19	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 02/13/2001 ITS
DECK MEASUREMENTS: 11/05/2010 CL
REPRINTED: 12/01/2010 SW

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2010

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





BARGE "WEB 227"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 4'-10 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
0	68	0	2,664	0	5,262	0	7,862	0	10,459	0	0	0	0	0	0	0	0	0	0
1/4	122	1/4	2,718	1/4	5,316	1/4	7,916	1/4	10,513	1/4									
1/2	176	1/2	2,772	1/2	5,370	1/2	7,970	1/2	10,567	1/2									
3/4	230	3/4	2,826	3/4	5,425	3/4	8,024	3/4	10,621	3/4									
1	284	1	2,881	1	5,479	1	8,079	1	10,675	1	1	1	1	1	1	1	1	1	1
1/4	338	1/4	2,935	1/4	5,533	1/4	8,133	1/4	10,729	1/4									
1/2	392	1/2	2,989	1/2	5,587	1/2	8,187	1/2	10,783	1/2									
3/4	446	3/4	3,043	3/4	5,641	3/4	8,241	3/4	10,837	3/4									
2	500	2	3,097	2	5,696	2	8,295	2	10,891	2	2	2	2	2	2	2	2	2	2
1/4	555	1/4	3,151	1/4	5,750	1/4	8,349	1/4	10,945	1/4									
1/2	609	1/2	3,205	1/2	5,804	1/2	8,403	1/2	11,000	1/2									
3/4	663	3/4	3,259	3/4	5,858	3/4	8,457	3/4	11,054	3/4									
3	717	3	3,313	3	5,912	3	8,511	3	11,108	3	3	3	3	3	3	3	3	3	3
1/4	771	1/4	3,367	1/4	5,966	1/4	8,565	1/4	11,162	1/4									
1/2	825	1/2	3,422	1/2	6,021	1/2	8,619	1/2	11,216	1/2									
3/4	879	3/4	3,476	3/4	6,075	3/4	8,674	3/4	11,270	3/4									
4	933	4	3,530	4	6,129	4	8,728	4	11,324	4	4	4	4	4	4	4	4	4	4
1/4	987	1/4	3,584	1/4	6,183	1/4	8,782	1/4	11,378	1/4									
1/2	1,041	1/2	3,638	1/2	6,237	1/2	8,836	1/2	11,432	1/2									
3/4	1,096	3/4	3,692	3/4	6,291	3/4	8,890	3/4	11,486	3/4									
5	1,150	5	3,746	5	6,346	5	8,944	5	11,540	5	5	5	5	5	5	5	5	5	5
1/4	1,204	1/4	3,800	1/4	6,400	1/4	8,998	1/4	11,595	1/4									
1/2	1,258	1/2	3,854	1/2	6,454	1/2	9,052	1/2	11,649	1/2									
3/4	1,312	3/4	3,908	3/4	6,508	3/4	9,106	3/4	11,703	3/4									
6	1,366	6	3,962	6	6,562	6	9,160	6		6	6	6	6	6	6	6	6	6	6
1/4	1,420	1/4	4,017	1/4	6,616	1/4	9,214	1/4		1/4									
1/2	1,474	1/2	4,071	1/2	6,671	1/2	9,269	1/2		1/2									
3/4	1,528	3/4	4,125	3/4	6,725	3/4	9,323	3/4		3/4									
7	1,582	7	4,179	7	6,779	7	9,377	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1,636	1/4	4,233	1/4	6,833	1/4	9,431	1/4		1/4									
1/2	1,691	1/2	4,287	1/2	6,887	1/2	9,485	1/2		1/2									
3/4	1,745	3/4	4,341	3/4	6,941	3/4	9,539	3/4		3/4									
8	1,799	8	4,395	8	6,996	8	9,593	8	8	8	8	8	8	8	8	8	8	8	8
1/4	1,853	1/4	4,450	1/4	7,050	1/4	9,647	1/4		1/4									
1/2	1,907	1/2	4,504	1/2	7,104	1/2	9,701	1/2		1/2									
3/4	1,961	3/4	4,558	3/4	7,158	3/4	9,755	3/4		3/4									
9	2,015	9	4,612	9	7,212	9	9,809	9	9	9	9	9	9	9	9	9	9	9	9
1/4	2,069	1/4	4,666	1/4	7,266	1/4	9,864	1/4		1/4									
1/2	2,123	1/2	4,720	1/2	7,321	1/2	9,918	1/2		1/2									
3/4	2,177	3/4	4,775	3/4	7,375	3/4	9,972	3/4		3/4									
10	2,231	10	4,829	10	7,429	10	10,026	10	10	10	10	10	10	10	10	10	10	10	10
1/4	2,286	1/4	4,883	1/4	7,483	1/4	10,080	1/4		1/4									
1/2	2,340	1/2	4,937	1/2	7,537	1/2	10,134	1/2		1/2									
3/4	2,394	3/4	4,991	3/4	7,592	3/4	10,188	3/4		3/4									
11	2,448	11	5,045	11	7,646	11	10,242	11	11	11	11	11	11	11	11	11	11	11	11
1/4	2,502	1/4	5,100	1/4	7,700	1/4	10,296	1/4		1/4									
1/2	2,556	1/2	5,154	1/2	7,754	1/2	10,350	1/2		1/2									
3/4	2,610	3/4	5,208	3/4	7,808	3/4	10,404	3/4		3/4									

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE IS SCALED FROM THE BOTTOM OF TANK
GAUGE POINT: TOP LIP OF MANWAY LOCATED 3" FROM END OF TANK.

STRAPPED: 06/20/2000 ITS
REPRINTED: 12/01/10 SW

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ALL PRIOR TO 12/2010

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