



BARGE "WEB 229"

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	- 01-0/8	01-0/8	- 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	- 01-3/4	01-3/4	- 02-1/2	02-1/2	- 03-3/8	03-3/8	- 04-1/4	04-1/4	- 05-1/8	05-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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"

August 25, 2011

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "WEB 229"

1 CENTER INNAGE TABLE

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

GAUGE HEIGHT 15'-02 3/8"

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	5,063.73	5,590.23	6,116.74	6,643.24	7,169.82					
1/4	5,074.70	5,601.20	6,127.71	6,654.21	7,180.79					
1/2	5,085.67	5,612.17	6,138.68	6,665.18	7,191.76					
3/4	5,096.64	5,623.14	6,149.64	6,676.14	7,202.73					
1	5,107.61	5,634.11	6,160.61	6,687.11	7,213.70					
1/4	5,118.58	5,645.08	6,171.58	6,698.08	7,224.67					
1/2	5,129.55	5,656.05	6,182.55	6,709.05	7,235.65					
3/4	5,140.51	5,667.02	6,193.52	6,720.02	7,246.62					
2	5,151.48	5,677.99	6,204.49	6,730.99	7,257.59					
1/4	5,162.45	5,688.96	6,215.46	6,741.96	7,268.45					
1/2	5,173.42	5,699.93	6,226.43	6,752.93	7,279.31					
3/4	5,184.39	5,710.89	6,237.39	6,763.90	7,290.17					
3	5,195.36	5,721.86	6,248.36	6,774.87	7,301.03					
1/4	5,206.33	5,732.83	6,259.33	6,785.84	7,310.47					
1/2	5,217.30	5,743.80	6,270.30	6,796.82	7,319.90					
3/4	5,228.26	5,754.77	6,281.27	6,807.79	7,329.34					
4	5,239.23	5,765.74	6,292.24	6,818.76	7,338.77					
1/4	5,250.20	5,776.71	6,303.21	6,829.73	7,346.45					
1/2	5,261.17	5,787.68	6,314.18	6,840.70	7,354.13					
3/4	5,272.14	5,798.64	6,325.14	6,851.67	7,361.80					
5	5,283.11	5,809.61	6,336.11	6,862.64	7,369.48					
1/4	5,294.08	5,820.58	6,347.08	6,873.61	7,375.41					
1/2	5,305.05	5,831.55	6,358.05	6,884.58	7,381.33					
3/4	5,316.01	5,842.52	6,369.02	6,895.55	7,387.26					
6	5,326.98	5,853.49	6,379.99	6,906.52	7,393.18					
1/4	5,337.95	5,864.46	6,390.96	6,917.49	7,397.36					
1/2	5,348.92	5,875.43	6,401.93	6,928.47	7,401.52					
3/4	5,359.89	5,886.39	6,412.89	6,939.44	7,405.68					
7	5,370.86	5,897.36	6,423.86	6,950.41	7,409.85					
1/4	5,381.83	5,908.33	6,434.83	6,961.38	7,412.26					
1/2	5,392.80	5,919.30	6,445.80	6,972.35	7,414.68					
3/4	5,403.76	5,930.27	6,456.77	6,983.32	7,417.09					
8	5,414.73	5,941.24	6,467.74	6,994.29	7,419.50					
1/4	5,425.70	5,952.21	6,478.71	7,005.26	7,420.37					
1/2	5,436.67	5,963.18	6,489.68	7,016.23	7,421.25					
3/4	5,447.64	5,974.14	6,500.64	7,027.20	7,422.12					
9	5,458.61	5,985.11	6,511.61	7,038.17						
1/4	5,469.58	5,996.08	6,522.58	7,049.14						
1/2	5,480.55	6,007.05	6,533.55	7,060.11						
3/4	5,491.51	6,018.02	6,544.52	7,071.08						
10	5,502.48	6,028.99	6,555.49	7,082.05						
1/4	5,513.45	6,039.96	6,566.46	7,093.02						
1/2	5,524.42	6,050.93	6,577.43	7,104.00						
3/4	5,535.39	6,061.89	6,588.39	7,114.97						
11	5,546.36	6,072.86	6,599.36	7,125.94						
1/4	5,557.33	6,083.83	6,610.33	7,136.91						
1/2	5,568.30	6,094.80	6,621.30	7,147.88						
3/4	5,579.26	6,105.77	6,632.27	7,158.85						

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/10/2001 ITS
DECK MEASUREMENTS: 08/25/2011 SW
REPRINTED: 08/25/2011 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2011

PRECISION MEASUREMENT
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BARGE "WEB 229"

2 PORT INNAGE TABLE

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

GAUGE HEIGHT 14'-09"

	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	8.63	260.61	522.05	784.80	1,047.42	1,310.23	1,573.04	1,836.85	2,098.66	2,361.47
1/4	12.17	266.07 ^{1/4}	527.53	790.27	1,052.90	1,315.71	1,578.51	1,841.32	2,104.13	2,366.94
1/2	15.70	271.53 ^{1/2}	533.01	795.74	1,058.37	1,321.18	1,583.99	1,846.80	2,109.61	2,372.42
3/4	19.24	276.99 ^{3/4}	538.48	801.21	1,063.85	1,326.66	1,589.46	1,852.27	2,115.08	2,377.89
1	22.77	282.46	543.96	806.68	1,069.32	1,332.13	1,594.94	1,857.76	2,120.56	2,383.37
1/4	27.87	287.91 ^{1/4}	549.44	812.15	1,074.80	1,337.61	1,600.41	1,863.22	2,126.03	2,388.84
1/2	32.97	293.37 ^{1/2}	554.91	817.63	1,080.27	1,343.08	1,605.89	1,868.70	2,131.51	2,394.32
3/4	38.06	298.83 ^{3/4}	560.39	823.10	1,085.75	1,348.56	1,611.36	1,874.17	2,136.98	2,399.79
2	43.16	304.29	565.86	828.57	1,091.22	1,354.03	1,616.84	1,879.65	2,142.46	2,405.27
1/4	48.48	309.75 ^{1/4}	571.34	834.04	1,096.70	1,359.51	1,622.31	1,885.12	2,147.93	2,410.74
1/2	53.81	315.21 ^{1/2}	576.81	839.51	1,102.17	1,364.98	1,627.79	1,890.60	2,153.41	2,416.22
3/4	59.13	320.67 ^{3/4}	582.29	844.98	1,107.65	1,370.46	1,633.26	1,896.07	2,158.88	2,421.69
3	64.45	326.13	587.76	850.45	1,113.12	1,375.93	1,638.74	1,901.55	2,164.36	2,427.17
1/4	69.84	331.59 ^{1/4}	593.24	855.92	1,118.60	1,381.41	1,644.21	1,907.02	2,169.83	2,432.64
1/2	75.23	337.05 ^{1/2}	598.71	861.39	1,124.07	1,386.88	1,649.69	1,912.50	2,175.31	2,438.12
3/4	80.61	342.51 ^{3/4}	604.19	866.86	1,129.55	1,392.36	1,655.16	1,917.97	2,180.78	2,443.59
4	86.00	347.97	609.66	872.33	1,135.02	1,397.83	1,660.64	1,923.45	2,186.26	2,449.07
1/4	91.45	353.40 ^{1/4}	615.14	877.80	1,140.50	1,403.30	1,666.11	1,928.92	2,191.73	2,454.54
1/2	96.90	358.84 ^{1/2}	620.61	883.27	1,145.97	1,408.78	1,671.59	1,934.40	2,197.21	2,460.02
3/4	102.35	364.27 ^{3/4}	626.09	888.74	1,151.45	1,414.25	1,677.06	1,939.87	2,202.68	2,465.49
5	107.80	369.70	631.56	894.21	1,156.92	1,419.73	1,682.54	1,945.35	2,208.16	2,470.97
1/4	113.25	375.12 ^{1/4}	637.04	899.68	1,162.40	1,425.20	1,688.01	1,950.82	2,213.63	2,476.44
1/2	118.71	380.55 ^{1/2}	642.51	905.16	1,167.87	1,430.68	1,693.49	1,956.30	2,219.11	2,481.92
3/4	124.16	385.97 ^{3/4}	647.99	910.63	1,173.35	1,436.15	1,698.96	1,961.77	2,224.58	2,487.39
6	129.61	391.39	653.46	916.10	1,178.82	1,441.63	1,704.44	1,967.25	2,230.06	2,492.87
1/4	135.06	396.81 ^{1/4}	658.94	921.57	1,184.30	1,447.10	1,709.91	1,972.72	2,235.53	2,498.34
1/2	140.51	402.24 ^{1/2}	664.41	927.04	1,189.77	1,452.58	1,715.39	1,978.20	2,241.01	2,503.82
3/4	145.96	407.66 ^{3/4}	669.89	932.51	1,195.25	1,458.05	1,720.86	1,983.67	2,246.48	2,509.29
7	151.41	413.08	675.36	937.98	1,200.72	1,463.53	1,726.34	1,989.15	2,251.96	2,514.77
1/4	156.87	418.50 ^{1/4}	680.84	943.45	1,206.20	1,469.00	1,731.81	1,994.62	2,257.43	2,520.24
1/2	162.33	423.93 ^{1/2}	686.31	948.92	1,211.67	1,474.48	1,737.29	2,000.10	2,262.91	2,525.72
3/4	167.78	429.35 ^{3/4}	691.79	954.39	1,217.15	1,479.95	1,742.76	2,005.57	2,268.38	2,531.19
8	173.24	434.77	697.26	959.86	1,222.62	1,485.43	1,748.24	2,011.05	2,273.86	2,536.67
1/4	178.70	440.19 ^{1/4}	702.73	965.33	1,228.10	1,490.90	1,753.71	2,016.52	2,279.33	2,542.14
1/2	184.16	445.62 ^{1/2}	708.20	970.80	1,233.57	1,496.38	1,759.19	2,022.00	2,284.81	2,547.62
3/4	189.62	451.04 ^{3/4}	713.67	976.27	1,239.05	1,501.85	1,764.66	2,027.47	2,290.28	2,553.09
9	195.08	456.46	719.14	981.74	1,244.52	1,507.33	1,770.14	2,032.95	2,295.76	2,558.57
1/4	200.54	461.89 ^{1/4}	724.61	987.21	1,250.00	1,512.81	1,775.61	2,038.42	2,301.23	2,564.04
1/2	206.01	467.36 ^{1/2}	730.09	992.69	1,255.48	1,518.28	1,781.09	2,043.90	2,306.71	2,569.52
3/4	211.47	472.80 ^{3/4}	735.56	998.16	1,260.95	1,523.76	1,786.56	2,049.37	2,312.18	2,574.99
10	216.93	478.25	741.03	1,003.63	1,266.43	1,529.24	1,792.04	2,054.85	2,317.66	2,580.47
1/4	222.39	483.73 ^{1/4}	746.50	1,009.10	1,271.91	1,534.71	1,797.52	2,060.33	2,323.13	2,585.94
1/2	227.85	489.20 ^{1/2}	751.98	1,014.58	1,277.38	1,540.19	1,802.99	2,065.80	2,328.61	2,591.42
3/4	233.31	494.68 ^{3/4}	757.45	1,020.05	1,282.86	1,545.66	1,808.47	2,071.28	2,334.08	2,596.89
11	238.77	500.15	762.92	1,025.52	1,288.33	1,551.14	1,813.96	2,076.76	2,339.56	2,602.37
1/4	244.23	505.63 ^{1/4}	768.39	1,031.00	1,293.81	1,556.61	1,819.42	2,082.23	2,345.04	2,607.85
1/2	249.69	511.10 ^{1/2}	773.86	1,036.47	1,299.28	1,562.09	1,824.90	2,087.71	2,350.51	2,613.32
3/4	255.15	516.58 ^{3/4}	779.33	1,041.95	1,304.76	1,567.56	1,830.37	2,093.18	2,355.99	2,618.80

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE REFLECTS GAUGING ON DATUM PLATE LOCATED 5/16" ABOVE TANK BOTTOM.
 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
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BARGE "WEB 229"

2 PORT 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	2,624.28	0	2,887.08	0	3,149.89	0	3,412.70	0	3,675.56	0		0		0		0		0	
1/4	2,629.76	1/4	2,892.56	1/4	3,155.36	1/4	3,418.18	1/4	3,681.03	1/4		1/4		1/4		1/4		1/4	
1/2	2,635.23	1/2	2,898.03	1/2	3,160.84	1/2	3,423.65	1/2	3,686.51	1/2		1/2		1/2		1/2		1/2	
3/4	2,640.70	3/4	2,903.51	3/4	3,166.31	3/4	3,429.13	3/4	3,691.98	3/4		3/4		3/4		3/4		3/4	
1	2,646.18	1	2,908.99	1	3,171.79	1	3,434.61	1	3,697.46	1		1		1		1		1	
1/4	2,651.65	1/4	2,914.46	1/4	3,177.27	1/4	3,440.08	1/4	3,702.60	1/4		1/4		1/4		1/4		1/4	
1/2	2,657.13	1/2	2,919.94	1/2	3,182.74	1/2	3,445.56	1/2	3,707.73	1/2		1/2		1/2		1/2		1/2	
3/4	2,662.60	3/4	2,925.41	3/4	3,188.22	3/4	3,451.03	3/4	3,712.87	3/4		3/4		3/4		3/4		3/4	
2	2,668.08	2	2,930.89	2	3,193.70	2	3,456.51	2	3,718.01	2		2		2		2		2	
1/4	2,673.55	1/4	2,936.36	1/4	3,199.17	1/4	3,461.99	1/4	3,722.25	1/4		1/4		1/4		1/4		1/4	
1/2	2,679.03	1/2	2,941.84	1/2	3,204.65	1/2	3,467.46	1/2	3,726.49	1/2		1/2		1/2		1/2		1/2	
3/4	2,684.50	3/4	2,947.31	3/4	3,210.12	3/4	3,472.94	3/4	3,730.73	3/4		3/4		3/4		3/4		3/4	
3	2,689.98	3	2,952.79	3	3,215.60	3	3,478.42	3	3,734.97	3		3		3		3		3	
1/4	2,695.45	1/4	2,958.26	1/4	3,221.07	1/4	3,483.89	1/4	3,738.31	1/4		1/4		1/4		1/4		1/4	
1/2	2,700.93	1/2	2,963.74	1/2	3,226.55	1/2	3,489.37	1/2	3,741.64	1/2		1/2		1/2		1/2		1/2	
3/4	2,706.40	3/4	2,969.21	3/4	3,232.02	3/4	3,494.84	3/4	3,744.98	3/4		3/4		3/4		3/4		3/4	
4	2,711.88	4	2,974.69	4	3,237.50	4	3,500.32	4	3,748.32	4		4		4		4		4	
1/4	2,717.35	1/4	2,980.16	1/4	3,242.97	1/4	3,505.79	1/4	3,750.76	1/4		1/4		1/4		1/4		1/4	
1/2	2,722.83	1/2	2,985.64	1/2	3,248.45	1/2	3,511.27	1/2	3,753.19	1/2		1/2		1/2		1/2		1/2	
3/4	2,728.30	3/4	2,991.11	3/4	3,253.92	3/4	3,516.74	3/4	3,755.63	3/4		3/4		3/4		3/4		3/4	
5	2,733.78	5	2,996.59	5	3,259.40	5	3,522.22	5	3,758.07	5		5		5		5		5	
1/4	2,739.25	1/4	3,002.06	1/4	3,264.87	1/4	3,527.70	1/4	3,759.61	1/4		1/4		1/4		1/4		1/4	
1/2	2,744.73	1/2	3,007.54	1/2	3,270.35	1/2	3,533.17	1/2	3,761.14	1/2		1/2		1/2		1/2		1/2	
3/4	2,750.20	3/4	3,013.01	3/4	3,275.82	3/4	3,538.65	3/4	3,762.68	3/4		3/4		3/4		3/4		3/4	
6	2,755.68	6	3,018.49	6	3,281.30	6	3,544.13	6	3,764.22	6		6		6		6		6	
1/4	2,761.15	1/4	3,023.96	1/4	3,286.77	1/4	3,549.60	1/4	3,764.85	1/4		1/4		1/4		1/4		1/4	
1/2	2,766.63	1/2	3,029.44	1/2	3,292.25	1/2	3,555.08	1/2	3,765.49	1/2		1/2		1/2		1/2		1/2	
3/4	2,772.10	3/4	3,034.91	3/4	3,297.72	3/4	3,560.55	3/4	3,766.12	3/4		3/4		3/4		3/4		3/4	
7	2,777.58	7	3,040.39	7	3,303.20	7	3,566.03	7	3,766.76	7		7		7		7		7	
1/4	2,783.05	1/4	3,045.86	1/4	3,308.67	1/4	3,571.51	1/4	3,766.84	1/4		1/4		1/4		1/4		1/4	
1/2	2,788.53	1/2	3,051.34	1/2	3,314.15	1/2	3,576.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,794.00	3/4	3,056.81	3/4	3,319.62	3/4	3,582.46	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,799.48	8	3,062.29	8	3,325.10	8	3,587.94	8		8		8		8		8		8	
1/4	2,804.95	1/4	3,067.76	1/4	3,330.57	1/4	3,593.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,810.43	1/2	3,073.24	1/2	3,336.05	1/2	3,598.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,815.90	3/4	3,078.71	3/4	3,341.52	3/4	3,604.36	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,821.38	9	3,084.19	9	3,347.00	9	3,609.84	9		9		9		9		9		9	
1/4	2,826.85	1/4	3,089.66	1/4	3,352.47	1/4	3,615.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,832.33	1/2	3,095.14	1/2	3,357.95	1/2	3,620.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,837.80	3/4	3,100.61	3/4	3,363.42	3/4	3,626.27	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,843.28	10	3,106.09	10	3,368.90	10	3,631.75	10		10		10		10		10		10	
1/4	2,848.75	1/4	3,111.56	1/4	3,374.37	1/4	3,637.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,854.23	1/2	3,117.04	1/2	3,379.85	1/2	3,642.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,859.70	3/4	3,122.51	3/4	3,385.32	3/4	3,648.17	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,865.18	11	3,127.99	11	3,390.80	11	3,653.65	11		11		11		11		11		11	
1/4	2,870.66	1/4	3,133.46	1/4	3,396.27	1/4	3,659.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,876.13	1/2	3,138.94	1/2	3,401.75	1/2	3,664.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,881.60	3/4	3,144.41	3/4	3,407.22	3/4	3,670.08	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/10/2001 ITS
DECK MEASUREMENTS: 08/25/2011 SW
REPRINTED: 08/25/2011 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2011

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



BARGE "WEB 229"

2 STBD INNAGE TABLE

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

GAUGE HEIGHT 14'-08 3/4"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.
0	2,629.89	0	2,893.34	0	3,156.78	0	3,420.23	0	3,683.72	0		0		0		0		0	
1/4	2,636.38	1/4	2,898.83	1/4	3,162.27	1/4	3,425.72	1/4	3,689.21	1/4		1/4		1/4		1/4		1/4	
1/2	2,640.87	1/2	2,904.32	1/2	3,167.76	1/2	3,431.21	1/2	3,694.70	1/2		1/2		1/2		1/2		1/2	
3/4	2,646.35	3/4	2,909.80	3/4	3,173.25	3/4	3,436.70	3/4	3,700.19	3/4		3/4		3/4		3/4		3/4	
1	2,651.84	1	2,915.29	1	3,178.74	1	3,442.19	1	3,705.68	1		1		1		1		1	
1/4	2,657.33	1/4	2,920.78	1/4	3,184.23	1/4	3,447.68	1/4	3,710.82	1/4		1/4		1/4		1/4		1/4	
1/2	2,662.82	1/2	2,926.27	1/2	3,189.72	1/2	3,453.17	1/2	3,715.97	1/2		1/2		1/2		1/2		1/2	
3/4	2,668.31	3/4	2,931.75	3/4	3,195.20	3/4	3,458.66	3/4	3,721.11	3/4		3/4		3/4		3/4		3/4	
2	2,673.80	2	2,937.24	2	3,200.69	2	3,464.15	2	3,726.26	2		2		2		2		2	
1/4	2,679.29	1/4	2,942.73	1/4	3,206.18	1/4	3,469.64	1/4	3,730.49	1/4		1/4		1/4		1/4		1/4	
1/2	2,684.78	1/2	2,948.22	1/2	3,211.67	1/2	3,475.13	1/2	3,734.72	1/2		1/2		1/2		1/2		1/2	
3/4	2,690.26	3/4	2,953.71	3/4	3,217.16	3/4	3,480.61	3/4	3,738.96	3/4		3/4		3/4		3/4		3/4	
3	2,695.75	3	2,959.20	3	3,222.65	3	3,486.10	3	3,743.19	3		3		3		3		3	
1/4	2,701.24	1/4	2,964.69	1/4	3,228.14	1/4	3,491.59	1/4	3,746.50	1/4		1/4		1/4		1/4		1/4	
1/2	2,706.73	1/2	2,970.18	1/2	3,233.63	1/2	3,497.08	1/2	3,749.82	1/2		1/2		1/2		1/2		1/2	
3/4	2,712.21	3/4	2,975.66	3/4	3,239.11	3/4	3,502.57	3/4	3,753.13	3/4		3/4		3/4		3/4		3/4	
4	2,717.70	4	2,981.15	4	3,244.60	4	3,508.06	4	3,756.45	4		4		4		4		4	
1/4	2,723.19	1/4	2,986.64	1/4	3,250.09	1/4	3,513.55	1/4	3,758.85	1/4		1/4		1/4		1/4		1/4	
1/2	2,728.68	1/2	2,992.13	1/2	3,255.58	1/2	3,519.04	1/2	3,761.25	1/2		1/2		1/2		1/2		1/2	
3/4	2,734.17	3/4	2,997.62	3/4	3,261.06	3/4	3,524.53	3/4	3,763.66	3/4		3/4		3/4		3/4		3/4	
5	2,739.66	5	3,003.11	5	3,266.55	5	3,530.02	5	3,766.05	5		5		5		5		5	
1/4	2,745.15	1/4	3,008.60	1/4	3,272.04	1/4	3,535.51	1/4	3,767.54	1/4		1/4		1/4		1/4		1/4	
1/2	2,750.64	1/2	3,014.09	1/2	3,277.53	1/2	3,541.00	1/2	3,769.03	1/2		1/2		1/2		1/2		1/2	
3/4	2,756.12	3/4	3,019.57	3/4	3,283.02	3/4	3,546.49	3/4	3,770.51	3/4		3/4		3/4		3/4		3/4	
6	2,761.61	6	3,025.06	6	3,288.51	6	3,551.98	6	3,772.00	6		6		6		6		6	
1/4	2,767.10	1/4	3,030.55	1/4	3,294.00	1/4	3,557.47	1/4	3,772.57	1/4		1/4		1/4		1/4		1/4	
1/2	2,772.59	1/2	3,036.04	1/2	3,299.49	1/2	3,562.96	1/2	3,773.14	1/2		1/2		1/2		1/2		1/2	
3/4	2,778.07	3/4	3,041.52	3/4	3,304.97	3/4	3,568.44	3/4	3,773.72	3/4		3/4		3/4		3/4		3/4	
7	2,783.57	7	3,047.01	7	3,310.46	7	3,573.93	7	3,774.29	7		7		7		7		7	
1/4	2,789.06	1/4	3,052.50	1/4	3,315.95	1/4	3,579.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,794.55	1/2	3,057.99	1/2	3,321.44	1/2	3,584.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,800.03	3/4	3,063.48	3/4	3,326.93	3/4	3,590.40	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,805.52	8	3,068.97	8	3,332.42	8	3,595.89	8		8		8		8		8		8	
1/4	2,811.01	1/4	3,074.46	1/4	3,337.91	1/4	3,601.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,816.50	1/2	3,079.95	1/2	3,343.40	1/2	3,606.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,821.98	3/4	3,085.43	3/4	3,348.88	3/4	3,612.36	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,827.47	9	3,090.92	9	3,354.37	9	3,617.85	9		9		9		9		9		9	
1/4	2,832.96	1/4	3,096.41	1/4	3,359.86	1/4	3,623.34	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,838.45	1/2	3,101.90	1/2	3,365.35	1/2	3,628.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,843.94	3/4	3,107.39	3/4	3,370.83	3/4	3,634.32	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,849.43	10	3,112.88	10	3,376.32	10	3,639.81	10		10		10		10		10		10	
1/4	2,854.92	1/4	3,118.37	1/4	3,381.81	1/4	3,646.30	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,860.41	1/2	3,123.86	1/2	3,387.30	1/2	3,650.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,865.89	3/4	3,129.34	3/4	3,392.79	3/4	3,656.27	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,871.38	11	3,134.83	11	3,398.28	11	3,661.76	11		11		11		11		11		11	
1/4	2,876.87	1/4	3,140.32	1/4	3,403.77	1/4	3,667.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,882.36	1/2	3,145.81	1/2	3,409.26	1/2	3,672.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,887.85	3/4	3,151.29	3/4	3,414.74	3/4	3,678.23	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/10/2001 ITS
DECK MEASUREMENTS: 08/25/2011 SW
REPRINTED: 08/25/2011 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2011

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



BARGE "WEB 229"

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.
0	2,625.22	0	2,888.21	0	3,151.19	0	3,414.17	0	3,677.19	0		0		0		0		0	
1/4	2,630.70	1/4	2,893.69	1/4	3,156.67	1/4	3,419.65	1/4	3,682.67	1/4		1/4		1/4		1/4		1/4	
1/2	2,636.18	1/2	2,899.17	1/2	3,162.15	1/2	3,425.13	1/2	3,688.15	1/2		1/2		1/2		1/2		1/2	
3/4	2,641.66	3/4	2,904.64	3/4	3,167.62	3/4	3,430.60	3/4	3,693.63	3/4		3/4		3/4		3/4		3/4	
1	2,647.14	1	2,910.12	1	3,173.10	1	3,436.08	1	3,699.11	1		1		1		1		1	
1 1/4	2,652.62	1 1/4	2,915.60	1 1/4	3,178.58	1 1/4	3,441.56	1 1/4	3,704.23	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	2,658.10	1 1/2	2,921.08	1 1/2	3,184.06	1 1/2	3,447.04	1 1/2	3,709.36	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	2,663.57	3/4	2,926.56	3/4	3,189.54	3/4	3,452.52	3/4	3,714.48	3/4		3/4		3/4		3/4		3/4	
2	2,669.05	2	2,932.04	2	3,195.02	2	3,458.00	2	3,719.60	2		2		2		2		2	
1 1/4	2,674.53	1 1/4	2,937.52	1 1/4	3,200.50	1 1/4	3,463.48	1 1/4	3,723.77	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	2,680.01	1 1/2	2,943.00	1 1/2	3,205.98	1 1/2	3,468.96	1 1/2	3,727.94	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	2,685.49	3/4	2,948.47	3/4	3,211.46	3/4	3,474.44	3/4	3,732.11	3/4		3/4		3/4		3/4		3/4	
3	2,690.97	3	2,953.95	3	3,216.93	3	3,479.92	3	3,736.28	3		3		3		3		3	
1 1/4	2,696.45	1 1/4	2,959.43	1 1/4	3,222.41	1 1/4	3,485.40	1 1/4	3,739.50	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	2,701.93	1 1/2	2,964.91	1 1/2	3,227.89	1 1/2	3,490.88	1 1/2	3,742.71	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	2,707.40	3/4	2,970.39	3/4	3,233.37	3/4	3,496.36	3/4	3,745.93	3/4		3/4		3/4		3/4		3/4	
4	2,712.88	4	2,975.87	4	3,238.85	4	3,501.84	4	3,749.14	4		4		4		4		4	
1 1/4	2,718.36	1 1/4	2,981.35	1 1/4	3,244.33	1 1/4	3,507.32	1 1/4	3,751.40	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	2,723.84	1 1/2	2,986.83	1 1/2	3,249.81	1 1/2	3,512.80	1 1/2	3,753.67	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	2,729.32	3/4	2,992.30	3/4	3,255.28	3/4	3,518.28	3/4	3,755.93	3/4		3/4		3/4		3/4		3/4	
5	2,734.80	5	2,997.78	5	3,260.76	5	3,523.76	5	3,758.19	5		5		5		5		5	
1 1/4	2,740.28	1 1/4	3,003.26	1 1/4	3,266.24	1 1/4	3,529.24	1 1/4	3,759.50	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	2,745.76	1 1/2	3,008.74	1 1/2	3,271.72	1 1/2	3,534.72	1 1/2	3,760.81	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	2,751.23	3/4	3,014.22	3/4	3,277.20	3/4	3,540.20	3/4	3,762.12	3/4		3/4		3/4		3/4		3/4	
6	2,756.71	6	3,019.70	6	3,282.68	6	3,545.68	6	3,763.43	6		6		6		6		6	
1 1/4	2,762.19	1 1/4	3,025.18	1 1/4	3,288.16	1 1/4	3,551.16	1 1/4	3,763.91	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	2,767.67	1 1/2	3,030.66	1 1/2	3,293.64	1 1/2	3,556.64	1 1/2	3,764.38	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	2,773.15	3/4	3,036.13	3/4	3,299.11	3/4	3,562.12	3/4	3,764.86	3/4		3/4		3/4		3/4		3/4	
7	2,778.63	7	3,041.61	7	3,304.59	7	3,567.60	7		7		7		7		7		7	
1 1/4	2,784.11	1 1/4	3,047.09	1 1/4	3,310.07	1 1/4	3,573.08	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	2,789.59	1 1/2	3,052.57	1 1/2	3,315.55	1 1/2	3,578.56	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	2,795.06	3/4	3,058.05	3/4	3,321.03	3/4	3,584.04	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,800.54	8	3,063.53	8	3,326.51	8	3,589.52	8		8		8		8		8		8	
1 1/4	2,806.02	1 1/4	3,069.01	1 1/4	3,331.99	1 1/4	3,595.00	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	2,811.50	1 1/2	3,074.49	1 1/2	3,337.47	1 1/2	3,600.48	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	2,816.98	3/4	3,079.96	3/4	3,342.94	3/4	3,605.96	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,822.46	9	3,085.44	9	3,348.42	9	3,611.44	9		9		9		9		9		9	
1 1/4	2,827.94	1 1/4	3,090.92	1 1/4	3,353.90	1 1/4	3,616.92	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	2,833.42	1 1/2	3,096.40	1 1/2	3,359.38	1 1/2	3,622.40	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	2,838.90	3/4	3,101.88	3/4	3,364.86	3/4	3,627.87	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,844.38	10	3,107.36	10	3,370.34	10	3,633.35	10		10		10		10		10		10	
1 1/4	2,849.86	1 1/4	3,112.84	1 1/4	3,375.82	1 1/4	3,638.83	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	2,855.34	1 1/2	3,118.32	1 1/2	3,381.30	1 1/2	3,644.31	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	2,860.81	3/4	3,123.79	3/4	3,386.77	3/4	3,649.79	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,866.29	11	3,129.27	11	3,392.26	11	3,655.27	11		11		11		11		11		11	
1 1/4	2,871.77	1 1/4	3,134.75	1 1/4	3,397.73	1 1/4	3,660.75	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	2,877.25	1 1/2	3,140.23	1 1/2	3,403.21	1 1/2	3,666.23	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	2,882.73	3/4	3,145.71	3/4	3,408.69	3/4	3,671.71	3/4		3/4		3/4		3/4		3/4		3/4	

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PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "WEB 229"

3 STBD
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.
0	2,633.25	0	2,896.98	0	3,160.71	0	3,424.44	0	3,688.22	0
1/4	2,638.74	1/4	2,902.47	1/4	3,166.20	1/4	3,429.93	1/4	3,693.71	1/4
1/2	2,644.24	1/2	2,907.97	1/2	3,171.70	1/2	3,435.43	1/2	3,699.21	1/2
3/4	2,649.73	3/4	2,913.46	3/4	3,177.19	3/4	3,440.92	3/4	3,704.70	3/4
1	2,655.23	1	2,918.96	1	3,182.69	1	3,446.42	1	3,710.20	1
1/4	2,660.72	1/4	2,924.45	1/4	3,188.18	1/4	3,451.91	1/4	3,715.33	1/4
1/2	2,666.22	1/2	2,929.95	1/2	3,193.68	1/2	3,457.41	1/2	3,720.47	1/2
3/4	2,671.71	3/4	2,935.44	3/4	3,199.17	3/4	3,462.90	3/4	3,725.60	3/4
2	2,677.21	2	2,940.94	2	3,204.67	2	3,468.40	2	3,730.74	2
1/4	2,682.70	1/4	2,946.43	1/4	3,210.16	1/4	3,473.89	1/4	3,734.92	1/4
1/2	2,688.19	1/2	2,951.93	1/2	3,215.66	1/2	3,479.39	1/2	3,739.10	1/2
3/4	2,693.69	3/4	2,957.42	3/4	3,221.16	3/4	3,484.88	3/4	3,743.29	3/4
3	2,699.18	3	2,962.92	3	3,226.65	3	3,490.38	3	3,747.47	3
1/4	2,704.67	1/4	2,968.41	1/4	3,232.14	1/4	3,495.88	1/4	3,750.69	1/4
1/2	2,710.17	1/2	2,973.90	1/2	3,237.63	1/2	3,501.37	1/2	3,753.92	1/2
3/4	2,715.66	3/4	2,979.40	3/4	3,243.13	3/4	3,506.87	3/4	3,757.14	3/4
4	2,721.16	4	2,984.89	4	3,248.62	4	3,512.37	4	3,760.37	4
1/4	2,726.65	1/4	2,990.38	1/4	3,254.11	1/4	3,517.86	1/4	3,762.64	1/4
1/2	2,732.15	1/2	2,995.88	1/2	3,259.61	1/2	3,523.36	1/2	3,764.90	1/2
3/4	2,737.64	3/4	3,001.37	3/4	3,265.10	3/4	3,528.85	3/4	3,767.17	3/4
5	2,743.14	5	3,006.87	5	3,270.60	5	3,534.35	5	3,769.44	5
1/4	2,748.63	1/4	3,012.36	1/4	3,276.09	1/4	3,539.84	1/4	3,770.76	1/4
1/2	2,754.13	1/2	3,017.86	1/2	3,281.59	1/2	3,545.34	1/2	3,772.07	1/2
3/4	2,759.62	3/4	3,023.35	3/4	3,287.08	3/4	3,550.83	3/4	3,773.38	3/4
6	2,765.12	6	3,028.85	6	3,292.58	6	3,556.33	6	3,774.70	6
1/4	2,770.61	1/4	3,034.34	1/4	3,298.07	1/4	3,561.82	1/4	3,775.18	1/4
1/2	2,776.10	1/2	3,039.84	1/2	3,303.57	1/2	3,567.32	1/2	3,775.65	1/2
3/4	2,781.60	3/4	3,045.33	3/4	3,309.06	3/4	3,572.81	3/4	3,776.13	3/4
7	2,787.09	7	3,050.83	7	3,314.56	7	3,578.31	7		7
1/4	2,792.58	1/4	3,056.32	1/4	3,320.05	1/4	3,583.80	1/4		1/4
1/2	2,798.08	1/2	3,061.81	1/2	3,325.54	1/2	3,589.30	1/2		1/2
3/4	2,803.57	3/4	3,067.31	3/4	3,331.04	3/4	3,594.79	3/4		3/4
8	2,809.07	8	3,072.80	8	3,336.53	8	3,600.29	8		8
1/4	2,814.56	1/4	3,078.29	1/4	3,342.02	1/4	3,605.78	1/4		1/4
1/2	2,820.06	1/2	3,083.79	1/2	3,347.52	1/2	3,611.28	1/2		1/2
3/4	2,825.56	3/4	3,089.28	3/4	3,353.01	3/4	3,616.77	3/4		3/4
9	2,831.05	9	3,094.78	9	3,358.51	9	3,622.27	9		9
1/4	2,836.54	1/4	3,100.27	1/4	3,364.00	1/4	3,627.76	1/4		1/4
1/2	2,842.04	1/2	3,105.77	1/2	3,369.50	1/2	3,633.26	1/2		1/2
3/4	2,847.53	3/4	3,111.26	3/4	3,374.99	3/4	3,638.75	3/4		3/4
10	2,853.03	10	3,116.76	10	3,380.49	10	3,644.25	10		10
1/4	2,858.52	1/4	3,122.25	1/4	3,385.98	1/4	3,649.74	1/4		1/4
1/2	2,864.02	1/2	3,127.75	1/2	3,391.48	1/2	3,655.24	1/2		1/2
3/4	2,869.51	3/4	3,133.24	3/4	3,396.97	3/4	3,660.73	3/4		3/4
11	2,875.01	11	3,138.74	11	3,402.47	11	3,666.23	11		11
1/4	2,880.50	1/4	3,144.23	1/4	3,407.96	1/4	3,671.73	1/4		1/4
1/2	2,885.99	1/2	3,149.72	1/2	3,413.45	1/2	3,677.22	1/2		1/2
3/4	2,891.49	3/4	3,155.22	3/4	3,418.95	3/4	3,682.72	3/4		3/4

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