



BARGE "WEB 335"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 PORT IS - 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 263'-09"

August 6, 2013

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "WEB 335"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-06 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0		0		0	8,285.90	0	7,716.32	0	7,146.87	0	6,576.30	0	6,003.37	0	5,430.43		
1/4		1/4		1/4		1/4		1/4	8,274.05	1/4	7,704.46	1/4	7,135.01	1/4	6,564.36	1/4	5,991.43	1/4	5,418.50		
1/2		1/2		1/2		1/2		1/2	8,262.20	1/2	7,692.60	1/2	7,123.14	1/2	6,552.43	1/2	5,979.49	1/2	5,406.56		
3/4		3/4		3/4		3/4		3/4	8,250.35	3/4	7,680.73	3/4	7,111.28	3/4	6,540.49	3/4	5,967.56	3/4	5,394.63		
1		1		1		1		1	8,238.47	1	7,668.87	1	7,099.42	1	6,528.56	1	5,955.62	1	5,382.69		
1/4		1/4		1/4		1/4		1/4	8,226.60	1/4	7,657.01	1/4	7,087.55	1/4	6,516.62	1/4	5,943.69	1/4	5,370.75		
1/2		1/2		1/2		1/2		1/2	8,214.72	1/2	7,645.14	1/2	7,075.69	1/2	6,504.68	1/2	5,931.75	1/2	5,358.82		
3/4		3/4		3/4		3/4		3/4	8,202.84	3/4	7,633.28	3/4	7,063.83	3/4	6,492.75	3/4	5,919.81	3/4	5,346.88		
2		2		2		2		2	8,190.96	2	7,621.42	2	7,051.96	2	6,480.81	2	5,907.88	2	5,334.95		
1/4		1/4		1/4		1/4		1/4	8,179.08	1/4	7,609.55	1/4	7,040.10	1/4	6,468.87	1/4	5,895.94	1/4	5,323.01		
1/2		1/2		1/2		1/2		1/2	8,167.19	1/2	7,597.69	1/2	7,028.24	1/2	6,456.94	1/2	5,884.01	1/2	5,311.07		
3/4		3/4		3/4		3/4		3/4	8,155.31	3/4	7,585.82	3/4	7,016.37	3/4	6,445.00	3/4	5,872.07	3/4	5,299.14		
3		3		3		3		3	8,143.44	3	7,573.96	3	7,004.51	3	6,433.07	3	5,860.13	3	5,287.20		
1/4		1/4		1/4		1/4		1/4	8,131.57	1/4	7,562.10	1/4	6,992.64	1/4	6,421.13	1/4	5,848.20	1/4	5,275.26		
1/2		1/2		1/2		1/2		1/2	8,119.70	1/2	7,550.23	1/2	6,980.78	1/2	6,409.19	1/2	5,836.26	1/2	5,263.33		
3/4		3/4		3/4		3/4		3/4	8,107.82	3/4	7,538.37	3/4	6,968.92	3/4	6,397.26	3/4	5,824.33	3/4	5,251.39		
4		4		4		4		4	8,095.96	4	7,526.51	4	6,957.05	4	6,385.32	4	5,812.39	4	5,239.46		
1/4		1/4		1/4		1/4		1/4	8,084.10	1/4	7,514.64	1/4	6,945.19	1/4	6,373.39	1/4	5,800.45	1/4	5,227.52		
1/2		1/2		1/2		1/2		1/2	8,072.23	1/2	7,502.78	1/2	6,933.33	1/2	6,361.45	1/2	5,788.52	1/2	5,215.58		
3/4		3/4		3/4		3/4		3/4	8,060.37	3/4	7,490.92	3/4	6,921.46	3/4	6,349.51	3/4	5,776.58	3/4	5,203.65		
5		5		5		5		5	8,048.51	5	7,479.05	5	6,909.60	5	6,337.58	5	5,764.64	5	5,191.71		
1/4		1/4		1/4		1/4		1/4	8,036.64	1/4	7,467.19	1/4	6,897.74	1/4	6,325.64	1/4	5,752.71	1/4	5,179.78		
1/2		1/2		1/2		1/2		1/2	8,024.78	1/2	7,455.33	1/2	6,885.87	1/2	6,313.71	1/2	5,740.77	1/2	5,167.84		
3/4		3/4		3/4		3/4		3/4	8,012.91	3/4	7,443.46	3/4	6,874.01	3/4	6,301.77	3/4	5,728.84	3/4	5,155.90		
6		6		6		6		6	8,001.05	6	7,431.60	6	6,862.15	6	6,289.83	6	5,716.90	6	5,143.97		
1/4		1/4		1/4		1/4		1/4	7,989.19	1/4	7,419.73	1/4	6,850.28	1/4	6,277.90	1/4	5,704.96	1/4	5,132.03		
1/2		1/2		1/2		1/2		1/2	7,977.32	1/2	7,407.87	1/2	6,838.42	1/2	6,265.96	1/2	5,693.03	1/2	5,120.10		
3/4		3/4		3/4		3/4	8,439.72	3/4	7,965.46	3/4	7,396.01	3/4	6,826.55	3/4	6,254.02	3/4	5,681.09	3/4	5,108.16		
7		7		7		7		7	8,437.27	7	7,953.60	7	7,384.14	7	6,814.69	7	6,242.09	7	5,669.16	7	5,096.22
1/4		1/4		1/4		1/4		1/4	8,434.81	1/4	7,941.73	1/4	7,372.28	1/4	6,802.83	1/4	6,230.15	1/4	5,657.22	1/4	5,084.29
1/2		1/2		1/2		1/2		1/2	8,432.36	1/2	7,929.87	1/2	7,360.42	1/2	6,790.96	1/2	6,218.22	1/2	5,645.28	1/2	5,072.35
3/4		3/4		3/4		3/4		3/4	8,429.91	3/4	7,918.01	3/4	7,348.55	3/4	6,779.10	3/4	6,206.28	3/4	5,633.35	3/4	5,060.41
8		8		8		8		8	8,425.07	8	7,906.14	8	7,336.69	8	6,767.19	8	6,194.34	8	5,621.41	8	5,048.48
1/4		1/4		1/4		1/4		1/4	8,420.22	1/4	7,894.28	1/4	7,324.83	1/4	6,755.28	1/4	6,182.41	1/4	5,609.48	1/4	5,036.54
1/2		1/2		1/2		1/2		1/2	8,415.38	1/2	7,882.41	1/2	7,312.96	1/2	6,743.38	1/2	6,170.47	1/2	5,597.54	1/2	5,024.61
3/4		3/4		3/4		3/4		3/4	8,410.54	3/4	7,870.55	3/4	7,301.10	3/4	6,731.47	3/4	6,158.54	3/4	5,585.60	3/4	5,012.67
9		9		9		9		9	8,403.30	9	7,858.69	9	7,289.23	9	6,719.53	9	6,146.60	9	5,573.67	9	5,000.73
1/4		1/4		1/4		1/4		1/4	8,396.07	1/4	7,846.82	1/4	7,277.37	1/4	6,707.60	1/4	6,134.66	1/4	5,561.73	1/4	4,988.80
1/2		1/2		1/2		1/2		1/2	8,388.83	1/2	7,834.96	1/2	7,265.51	1/2	6,695.66	1/2	6,122.73	1/2	5,549.79	1/2	4,976.86
3/4		3/4		3/4		3/4		3/4	8,381.60	3/4	7,823.10	3/4	7,253.64	3/4	6,683.72	3/4	6,110.79	3/4	5,537.86	3/4	4,964.93
10		10		10		10		10	8,371.97	10	7,811.23	10	7,241.78	10	6,671.79	10	6,098.86	10	5,525.92	10	4,952.99
1/4		1/4		1/4		1/4		1/4	8,362.35	1/4	7,799.37	1/4	7,229.92	1/4	6,659.85	1/4	6,086.92	1/4	5,513.99	1/4	4,941.05
1/2		1/2		1/2		1/2		1/2	8,352.72	1/2	7,787.51	1/2	7,218.05	1/2	6,647.92	1/2	6,074.98	1/2	5,502.05	1/2	4,929.12
3/4		3/4		3/4		3/4		3/4	8,343.10	3/4	7,775.64	3/4	7,206.19	3/4	6,635.98	3/4	6,063.05	3/4	5,490.11	3/4	4,917.18
11		11		11		11		11	8,331.76	11	7,763.78	11	7,194.33	11	6,624.04	11	6,051.11	11	5,478.18	11	4,905.25
1/4		1/4		1/4		1/4		1/4	8,320.42	1/4	7,751.92	1/4	7,182.46	1/4	6,612.11	1/4	6,039.18	1/4	5,466.24	1/4	4,893.31
1/2		1/2		1/2		1/2		1/2	8,309.09	1/2	7,740.05	1/2	7,170.60	1/2	6,600.17	1/2	6,027.24	1/2	5,454.31	1/2	4,881.37
3/4		3/4		3/4		3/4		3/4	8,297.75	3/4	7,728.19	3/4	7,158.74	3/4	6,588.24	3/4	6,015.30	3/4	5,442.37	3/4	4,869.44

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 3'-00" OFF CENTERLINE AND 33'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "WEB 335"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-06 3/4"

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	4,857.50	0	4,284.20	0	3,710.35	0	3,136.49	0	2,562.64	0	1,988.78	0	1,415.34	0	842.10	0	268.31	0	
1/4	4,845.57	1/4	4,272.24	1/4	3,698.39	1/4	3,124.54	1/4	2,550.68	1/4	1,976.83	1/4	1,403.41	1/4	830.15	1/4	256.37	1/4	
1/2	4,833.63	1/2	4,260.29	1/2	3,686.43	1/2	3,112.58	1/2	2,538.73	1/2	1,964.87	1/2	1,391.47	1/2	818.19	1/2	244.43	1/2	
3/4	4,821.69	3/4	4,248.33	3/4	3,674.48	3/4	3,100.63	3/4	2,526.77	3/4	1,952.92	3/4	1,379.54	3/4	806.24	3/4	232.49	3/4	
1	4,809.76	1	4,236.38	1	3,662.52	1	3,088.67	1	2,514.82	1	1,940.96	1	1,367.61	1	794.28	1	220.57	1	
1/4	4,797.82	1/4	4,224.42	1/4	3,650.57	1/4	3,076.71	1/4	2,502.86	1/4	1,929.01	1/4	1,355.67	1/4	782.33	1/4	208.66	1/4	
1/2	4,785.88	1/2	4,212.47	1/2	3,638.61	1/2	3,064.76	1/2	2,490.90	1/2	1,917.05	1/2	1,343.74	1/2	770.37	1/2	196.74	1/2	
3/4	4,773.95	3/4	4,200.51	3/4	3,626.66	3/4	3,052.80	3/4	2,478.95	3/4	1,905.10	3/4	1,331.80	3/4	758.42	3/4	184.82	3/4	
2	4,762.01	2	4,188.56	2	3,614.70	2	3,040.85	2	2,466.99	2	1,893.14	2	1,319.87	2	746.46	2	172.94	2	
1/4	4,750.08	1/4	4,176.60	1/4	3,602.75	1/4	3,028.89	1/4	2,455.04	1/4	1,881.18	1/4	1,307.93	1/4	734.51	1/4	161.05	1/4	
1/2	4,738.14	1/2	4,164.65	1/2	3,590.79	1/2	3,016.94	1/2	2,443.08	1/2	1,869.23	1/2	1,296.00	1/2	722.55	1/2	149.17	1/2	
3/4	4,726.20	3/4	4,152.69	3/4	3,578.84	3/4	3,004.98	3/4	2,431.13	3/4	1,857.27	3/4	1,284.07	3/4	710.60	3/4	137.28	3/4	
3	4,714.27	3	4,140.74	3	3,566.88	3	2,993.03	3	2,419.17	3	1,845.32	3	1,272.13	3	698.64	3	125.45	3	
1/4	4,702.33	1/4	4,128.78	1/4	3,554.93	1/4	2,981.07	1/4	2,407.22	1/4	1,833.36	1/4	1,260.20	1/4	686.69	1/4	113.63	1/4	
1/2	4,690.40	1/2	4,116.83	1/2	3,542.97	1/2	2,969.12	1/2	2,395.26	1/2	1,821.41	1/2	1,248.26	1/2	674.73	1/2	101.80	1/2	
3/4	4,678.46	3/4	4,104.87	3/4	3,531.02	3/4	2,957.16	3/4	2,383.31	3/4	1,809.45	3/4	1,236.33	3/4	662.78	3/4	89.97	3/4	
4	4,666.52	4	4,092.92	4	3,519.06	4	2,945.21	4	2,371.35	4	1,797.50	4	1,224.40	4	650.82	4	79.32	4	
1/4	4,654.59	1/4	4,080.96	1/4	3,507.11	1/4	2,933.25	1/4	2,359.40	1/4	1,785.54	1/4	1,212.46	1/4	638.87	1/4	68.67	1/4	
1/2	4,642.65	1/2	4,069.00	1/2	3,495.15	1/2	2,921.30	1/2	2,347.44	1/2	1,773.59	1/2	1,200.53	1/2	626.91	1/2	58.02	1/2	
3/4	4,630.72	3/4	4,057.05	3/4	3,483.19	3/4	2,909.34	3/4	2,335.49	3/4	1,761.63	3/4	1,188.59	3/4	614.96	3/4	47.38	3/4	
5	4,618.78	5	4,045.09	5	3,471.24	5	2,897.39	5	2,323.53	5	1,749.68	5	1,176.66	5	603.00	5	39.91	5	
1/4	4,606.84	1/4	4,033.14	1/4	3,459.28	1/4	2,885.43	1/4	2,311.58	1/4	1,737.72	1/4	1,164.73	1/4	591.05	1/4	32.44	1/4	
1/2	4,594.91	1/2	4,021.18	1/2	3,447.33	1/2	2,873.47	1/2	2,299.62	1/2	1,725.77	1/2	1,152.79	1/2	579.09	1/2	24.97	1/2	
3/4	4,582.97	3/4	4,009.23	3/4	3,435.37	3/4	2,861.52	3/4	2,287.66	3/4	1,713.81	3/4	1,140.86	3/4	567.14	3/4	17.50	3/4	
6	4,571.03	6	3,997.27	6	3,423.42	6	2,849.56	6	2,275.71	6	1,701.86	6	1,128.92	6	555.18	6	14.01	6	
1/4	4,559.10	1/4	3,985.32	1/4	3,411.46	1/4	2,837.61	1/4	2,263.75	1/4	1,689.90	1/4	1,116.99	1/4	543.23	1/4	10.52	1/4	
1/2	4,547.16	1/2	3,973.36	1/2	3,399.51	1/2	2,825.65	1/2	2,251.80	1/2	1,677.94	1/2	1,105.05	1/2	531.27	1/2	7.04	1/2	
3/4	4,535.23	3/4	3,961.41	3/4	3,387.55	3/4	2,813.70	3/4	2,239.84	3/4	1,665.99	3/4	1,093.12	3/4	519.32	3/4	3.55	3/4	
7	4,523.28	7	3,949.45	7	3,375.60	7	2,801.74	7	2,227.89	7	1,654.05	7	1,081.17	7	507.36	7		7	
1/4	4,511.33	1/4	3,937.50	1/4	3,363.64	1/4	2,789.79	1/4	2,215.93	1/4	1,642.11	1/4	1,069.23	1/4	495.41	1/4		1/4	
1/2	4,499.39	1/2	3,925.54	1/2	3,351.69	1/2	2,777.83	1/2	2,203.98	1/2	1,630.16	1/2	1,057.28	1/2	483.45	1/2		1/2	
3/4	4,487.44	3/4	3,913.59	3/4	3,339.73	3/4	2,765.88	3/4	2,192.02	3/4	1,618.22	3/4	1,045.33	3/4	471.50	3/4		3/4	
8	4,475.48	8	3,901.63	8	3,327.78	8	2,753.92	8	2,180.07	8	1,606.29	8	1,033.38	8	459.54	8		8	
1/4	4,463.53	1/4	3,889.68	1/4	3,315.82	1/4	2,741.97	1/4	2,168.11	1/4	1,594.35	1/4	1,021.42	1/4	447.59	1/4		1/4	
1/2	4,451.57	1/2	3,877.72	1/2	3,303.87	1/2	2,730.01	1/2	2,156.16	1/2	1,582.42	1/2	1,009.47	1/2	435.63	1/2		1/2	
3/4	4,439.62	3/4	3,865.76	3/4	3,291.91	3/4	2,718.06	3/4	2,144.20	3/4	1,570.48	3/4	997.51	3/4	423.68	3/4		3/4	
9	4,427.66	9	3,853.81	9	3,279.95	9	2,706.10	9	2,132.25	9	1,558.55	9	985.56	9	411.72	9		9	
1/4	4,415.71	1/4	3,841.85	1/4	3,268.00	1/4	2,694.15	1/4	2,120.29	1/4	1,546.62	1/4	973.60	1/4	399.77	1/4		1/4	
1/2	4,403.75	1/2	3,829.90	1/2	3,256.04	1/2	2,682.19	1/2	2,108.34	1/2	1,534.68	1/2	961.65	1/2	387.81	1/2		1/2	
3/4	4,391.80	3/4	3,817.94	3/4	3,244.09	3/4	2,670.23	3/4	2,096.38	3/4	1,522.75	3/4	949.69	3/4	375.86	3/4		3/4	
10	4,379.84	10	3,805.99	10	3,232.13	10	2,658.28	10	2,084.42	10	1,510.81	10	937.74	10	363.90	10		10	
1/4	4,367.89	1/4	3,794.03	1/4	3,220.18	1/4	2,646.32	1/4	2,072.47	1/4	1,498.88	1/4	925.78	1/4	351.95	1/4		1/4	
1/2	4,355.93	1/2	3,782.08	1/2	3,208.22	1/2	2,634.37	1/2	2,060.51	1/2	1,486.95	1/2	913.83	1/2	340.00	1/2		1/2	
3/4	4,343.98	3/4	3,770.12	3/4	3,196.27	3/4	2,622.41	3/4	2,048.56	3/4	1,475.01	3/4	901.87	3/4	328.04	3/4		3/4	
11	4,332.02	11	3,758.17	11	3,184.31	11	2,610.46	11	2,036.60	11	1,463.08	11	889.92	11	316.09	11		11	
1/4	4,320.07	1/4	3,746.21	1/4	3,172.36	1/4	2,598.50	1/4	2,024.65	1/4	1,451.14	1/4	877.97	1/4	304.14	1/4		1/4	
1/2	4,308.11	1/2	3,734.26	1/2	3,160.40	1/2	2,586.55	1/2	2,012.69	1/2	1,439.21	1/2	866.01	1/2	292.19	1/2		1/2	
3/4	4,296.16	3/4	3,722.30	3/4	3,148.45	3/4	2,574.59	3/4	2,000.74	3/4	1,427.28	3/4	854.06	3/4	280.24	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/07/2013 SW
CALCULATED: 08/07/2013 CL
PRINTED: 08/07/2013 CL

PRECISION MEASUREMENT
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CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2013



BARGE "WEB 335"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-04 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0		0	3,732.57	0	3,473.55	0	3,214.59	0	2,954.97	0	2,694.10	0	2,433.22
1/4		1/4		1/4		1/4		1/4	3,727.17	1/4	3,468.15	1/4	3,209.20	1/4	2,949.53	1/4	2,688.66	1/4	2,427.79
1/2		1/2		1/2		1/2		1/2	3,721.77	1/2	3,462.76	1/2	3,203.80	1/2	2,944.10	1/2	2,683.23	1/2	2,422.36
3/4		3/4		3/4		3/4		3/4	3,716.37	3/4	3,457.36	3/4	3,198.41	3/4	2,938.66	3/4	2,677.79	3/4	2,416.92
1		1		1		1		1	3,710.96	1	3,451.97	1	3,193.01	1	2,933.23	1	2,672.36	1	2,411.49
1/4		1/4		1/4		1/4		1/4	3,705.56	1/4	3,446.58	1/4	3,187.62	1/4	2,927.79	1/4	2,666.92	1/4	2,406.05
1/2		1/2		1/2		1/2		1/2	3,700.16	1/2	3,441.18	1/2	3,182.22	1/2	2,922.36	1/2	2,661.49	1/2	2,400.62
3/4		3/4		3/4		3/4		3/4	3,694.75	3/4	3,435.79	3/4	3,176.83	3/4	2,916.92	3/4	2,656.05	3/4	2,395.18
2		2		2		2		2	3,689.35	2	3,430.39	2	3,171.44	2	2,911.49	2	2,650.62	2	2,389.75
1/4		1/4		1/4		1/4		1/4	3,683.95	1/4	3,425.00	1/4	3,166.04	1/4	2,906.05	1/4	2,645.18	1/4	2,384.31
1/2		1/2		1/2		1/2		1/2	3,678.56	1/2	3,419.60	1/2	3,160.65	1/2	2,900.62	1/2	2,639.75	1/2	2,378.88
3/4		3/4		3/4		3/4		3/4	3,673.16	3/4	3,414.21	3/4	3,155.25	3/4	2,895.18	3/4	2,634.31	3/4	2,373.44
3		3		3		3		3	3,667.77	3	3,408.81	3	3,149.86	3	2,889.75	3	2,628.88	3	2,368.01
1/4		1/4		1/4		1/4		1/4	3,662.37	1/4	3,403.42	1/4	3,144.46	1/4	2,884.31	1/4	2,623.44	1/4	2,362.57
1/2		1/2		1/2		1/2		1/2	3,656.98	1/2	3,398.02	1/2	3,139.07	1/2	2,878.88	1/2	2,618.01	1/2	2,357.14
3/4		3/4		3/4		3/4		3/4	3,651.58	3/4	3,392.63	3/4	3,133.67	3/4	2,873.44	3/4	2,612.57	3/4	2,351.70
4		4		4		4		4	3,646.19	4	3,387.23	4	3,128.28	4	2,868.01	4	2,607.14	4	2,346.27
1/4		1/4		1/4		1/4		1/4	3,640.79	1/4	3,381.84	1/4	3,122.88	1/4	2,862.57	1/4	2,601.70	1/4	2,340.83
1/2		1/2		1/2		1/2		1/2	3,635.40	1/2	3,376.44	1/2	3,117.49	1/2	2,857.14	1/2	2,596.27	1/2	2,335.40
3/4		3/4		3/4		3/4		3/4	3,630.00	3/4	3,371.05	3/4	3,112.09	3/4	2,851.70	3/4	2,590.83	3/4	2,329.96
5		5		5		5		5	3,624.61	5	3,365.65	5	3,106.70	5	2,846.27	5	2,585.40	5	2,324.53
1/4		1/4		1/4		1/4		1/4	3,619.21	1/4	3,360.26	1/4	3,101.30	1/4	2,840.83	1/4	2,579.96	1/4	2,319.09
1/2		1/2		1/2		1/2		1/2	3,613.82	1/2	3,354.86	1/2	3,095.91	1/2	2,835.40	1/2	2,574.53	1/2	2,313.66
3/4		3/4		3/4		3/4		3/4	3,608.42	3/4	3,349.47	3/4	3,090.51	3/4	2,829.97	3/4	2,569.09	3/4	2,308.22
6		6		6		6		6	3,603.03	6	3,344.07	6	3,085.12	6	2,824.53	6	2,563.66	6	2,302.79
1/4		1/4		1/4		1/4		1/4	3,597.63	1/4	3,338.68	1/4	3,079.72	1/4	2,819.10	1/4	2,558.23	1/4	2,297.35
1/2		1/2		1/2		1/2		1/2	3,592.24	1/2	3,333.28	1/2	3,074.33	1/2	2,813.66	1/2	2,552.79	1/2	2,291.92
3/4		3/4		3/4		3/4		3/4	3,586.84	3/4	3,327.89	3/4	3,068.93	3/4	2,808.23	3/4	2,547.36	3/4	2,286.49
7		7		7		7		7	3,581.45	7	3,322.49	7	3,063.54	7	2,802.79	7	2,541.92	7	2,281.05
1/4		1/4		1/4		1/4	3,813.74	1/4	3,576.05	1/4	3,317.10	1/4	3,058.14	1/4	2,797.36	1/4	2,536.49	1/4	2,275.62
1/2		1/2		1/2		1/2	3,811.14	1/2	3,570.66	1/2	3,311.70	1/2	3,052.73	1/2	2,791.92	1/2	2,531.05	1/2	2,270.18
3/4		3/4		3/4		3/4	3,808.55	3/4	3,565.26	3/4	3,306.31	3/4	3,047.31	3/4	2,786.49	3/4	2,525.62	3/4	2,264.75
8		8		8		8	3,805.96	8	3,559.87	8	3,300.91	8	3,041.90	8	2,781.05	8	2,520.18	8	2,259.31
1/4		1/4		1/4		1/4	3,803.37	1/4	3,554.47	1/4	3,295.52	1/4	3,036.49	1/4	2,775.62	1/4	2,514.75	1/4	2,253.88
1/2		1/2		1/2		1/2	3,799.68	1/2	3,549.08	1/2	3,290.12	1/2	3,031.05	1/2	2,770.18	1/2	2,509.31	1/2	2,248.44
3/4		3/4		3/4		3/4	3,796.00	3/4	3,543.68	3/4	3,284.73	3/4	3,025.62	3/4	2,764.75	3/4	2,503.88	3/4	2,243.01
9		9		9		9	3,792.32	9	3,538.29	9	3,279.33	9	3,020.18	9	2,759.31	9	2,498.44	9	2,237.57
1/4		1/4		1/4		1/4	3,788.64	1/4	3,532.89	1/4	3,273.94	1/4	3,014.75	1/4	2,753.88	1/4	2,493.01	1/4	2,232.14
1/2		1/2		1/2		1/2	3,783.95	1/2	3,527.50	1/2	3,268.54	1/2	3,009.31	1/2	2,748.44	1/2	2,487.57	1/2	2,226.70
3/4		3/4		3/4		3/4	3,779.25	3/4	3,522.10	3/4	3,263.15	3/4	3,003.88	3/4	2,743.01	3/4	2,482.14	3/4	2,221.27
10		10		10		10	3,774.56	10	3,516.71	10	3,257.75	10	2,998.44	10	2,737.57	10	2,476.70	10	2,215.83
1/4		1/4		1/4		1/4	3,769.87	1/4	3,511.31	1/4	3,252.36	1/4	2,993.01	1/4	2,732.14	1/4	2,471.27	1/4	2,210.40
1/2		1/2		1/2		1/2	3,764.59	1/2	3,505.92	1/2	3,246.96	1/2	2,987.57	1/2	2,726.70	1/2	2,465.83	1/2	2,204.96
3/4		3/4		3/4		3/4	3,759.31	3/4	3,500.52	3/4	3,241.57	3/4	2,982.14	3/4	2,721.27	3/4	2,460.40	3/4	2,199.53
11		11		11		11	3,754.04	11	3,495.13	11	3,236.17	11	2,976.70	11	2,715.83	11	2,454.96	11	2,194.09
1/4		1/4		1/4		1/4	3,748.76	1/4	3,489.73	1/4	3,230.78	1/4	2,971.27	1/4	2,710.40	1/4	2,449.53	1/4	2,188.66
1/2		1/2		1/2		1/2	3,743.36	1/2	3,484.34	1/2	3,225.38	1/2	2,965.84	1/2	2,704.96	1/2	2,444.09	1/2	2,183.22
3/4		3/4		3/4		3/4	3,737.97	3/4	3,478.94	3/4	3,219.99	3/4	2,960.40	3/4	2,699.53	3/4	2,438.66	3/4	2,177.79

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 32'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "WEB 335"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-04 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	2,172.35	0	1,911.21	0	1,649.84	0	1,388.46	0	1,127.09	0	865.71	0	610.46	0	353.91	0	92.63	0	
1/4	2,166.92	1/4	1,905.76	1/4	1,644.39	1/4	1,383.02	1/4	1,121.64	1/4	860.27	1/4	605.25	1/4	348.47	1/4	87.20	1/4	
1/2	2,161.48	1/2	1,900.32	1/2	1,638.94	1/2	1,377.57	1/2	1,116.20	1/2	854.82	1/2	600.03	1/2	343.02	1/2	81.78	1/2	
3/4	2,156.05	3/4	1,894.87	3/4	1,633.50	3/4	1,372.12	3/4	1,110.75	3/4	849.38	3/4	594.82	3/4	337.58	3/4	76.37	3/4	
1	2,150.62	1	1,889.43	1	1,628.05	1	1,366.68	1	1,105.31	1	843.93	1	589.60	1	332.13	1	70.95	1	
1/4	2,145.18	1/4	1,883.98	1/4	1,622.61	1/4	1,361.23	1/4	1,099.86	1/4	838.49	1/4	584.38	1/4	326.69	1/4	65.54	1/4	
1/2	2,139.75	1/2	1,878.54	1/2	1,617.16	1/2	1,355.79	1/2	1,094.41	1/2	833.04	1/2	579.17	1/2	321.24	1/2	60.15	1/2	
3/4	2,134.31	3/4	1,873.09	3/4	1,611.72	3/4	1,350.34	3/4	1,088.97	3/4	827.59	3/4	573.95	3/4	315.80	3/4	54.76	3/4	
2	2,128.88	2	1,867.65	2	1,606.27	2	1,344.90	2	1,083.52	2	822.15	2	568.74	2	310.35	2	49.36	2	
1/4	2,123.44	1/4	1,862.20	1/4	1,600.83	1/4	1,339.45	1/4	1,078.08	1/4	816.70	1/4	563.52	1/4	304.91	1/4	43.97	1/4	
1/2	2,118.01	1/2	1,856.76	1/2	1,595.38	1/2	1,334.01	1/2	1,072.63	1/2	811.26	1/2	558.30	1/2	299.46	1/2	39.02	1/2	
3/4	2,112.57	3/4	1,851.31	3/4	1,589.94	3/4	1,328.56	3/4	1,067.19	3/4	805.81	3/4	553.09	3/4	294.02	3/4	34.06	3/4	
3	2,107.14	3	1,845.87	3	1,584.49	3	1,323.12	3	1,061.74	3	800.37	3	547.87	3	288.57	3	29.11	3	
1/4	2,101.70	1/4	1,840.42	1/4	1,579.05	1/4	1,317.67	1/4	1,056.30	1/4	794.92	1/4	542.66	1/4	283.13	1/4	24.15	1/4	
1/2	2,096.27	1/2	1,834.98	1/2	1,573.60	1/2	1,312.23	1/2	1,050.85	1/2	789.48	1/2	537.44	1/2	277.68	1/2	20.52	1/2	
3/4	2,090.83	3/4	1,829.53	3/4	1,568.16	3/4	1,306.78	3/4	1,045.41	3/4	784.03	3/4	532.23	3/4	272.24	3/4	16.90	3/4	
4	2,085.40	4	1,824.08	4	1,562.71	4	1,301.34	4	1,039.96	4	778.59	4	527.01	4	266.79	4	13.27	4	
1/4	2,079.96	1/4	1,818.64	1/4	1,557.27	1/4	1,295.89	1/4	1,034.52	1/4	773.14	1/4	521.79	1/4	261.35	1/4	9.64	1/4	
1/2	2,074.53	1/2	1,813.19	1/2	1,551.82	1/2	1,290.45	1/2	1,029.07	1/2	767.75	1/2	516.52	1/2	255.90	1/2		1/2	
3/4	2,069.09	3/4	1,807.75	3/4	1,546.37	3/4	1,285.00	3/4	1,023.63	3/4	762.36	3/4	511.25	3/4	250.45	3/4		3/4	
5	2,063.66	5	1,802.30	5	1,540.93	5	1,279.55	5	1,018.18	5	756.97	5	505.97	5	245.01	5		5	
1/4	2,058.22	1/4	1,796.86	1/4	1,535.48	1/4	1,274.11	1/4	1,012.74	1/4	751.59	1/4	500.70	1/4	239.56	1/4		1/4	
1/2	2,052.78	1/2	1,791.41	1/2	1,530.04	1/2	1,268.66	1/2	1,007.29	1/2	746.31	1/2	495.31	1/2	234.12	1/2		1/2	
3/4	2,047.34	3/4	1,785.97	3/4	1,524.59	3/4	1,263.22	3/4	1,001.84	3/4	741.03	3/4	489.93	3/4	228.67	3/4		3/4	
6	2,041.89	6	1,780.52	6	1,519.15	6	1,257.77	6	996.40	6	735.76	6	484.54	6	223.23	6		6	
1/4	2,036.45	1/4	1,775.08	1/4	1,513.70	1/4	1,252.33	1/4	990.95	1/4	730.48	1/4	479.15	1/4	217.78	1/4		1/4	
1/2	2,031.01	1/2	1,769.63	1/2	1,508.26	1/2	1,246.88	1/2	985.51	1/2	725.26	1/2	473.70	1/2	212.34	1/2		1/2	
3/4	2,025.56	3/4	1,764.19	3/4	1,502.81	3/4	1,241.44	3/4	980.06	3/4	720.04	3/4	468.26	3/4	206.89	3/4		3/4	
7	2,020.12	7	1,758.74	7	1,497.37	7	1,235.99	7	974.62	7	714.82	7	462.81	7	201.45	7		7	
1/4	2,014.67	1/4	1,753.30	1/4	1,491.92	1/4	1,230.55	1/4	969.17	1/4	709.60	1/4	457.37	1/4	196.00	1/4		1/4	
1/2	2,009.22	1/2	1,747.85	1/2	1,486.48	1/2	1,225.10	1/2	963.73	1/2	704.38	1/2	451.92	1/2	190.56	1/2		1/2	
3/4	2,003.78	3/4	1,742.41	3/4	1,481.03	3/4	1,219.66	3/4	958.28	3/4	699.16	3/4	446.48	3/4	185.11	3/4		3/4	
8	1,998.33	8	1,736.96	8	1,475.59	8	1,214.21	8	952.84	8	693.94	8	441.03	8	179.67	8		8	
1/4	1,992.89	1/4	1,731.51	1/4	1,470.14	1/4	1,208.77	1/4	947.39	1/4	688.72	1/4	435.59	1/4	174.22	1/4		1/4	
1/2	1,987.44	1/2	1,726.07	1/2	1,464.69	1/2	1,203.32	1/2	941.95	1/2	683.50	1/2	430.14	1/2	168.78	1/2		1/2	
3/4	1,982.00	3/4	1,720.62	3/4	1,459.25	3/4	1,197.88	3/4	936.50	3/4	678.28	3/4	424.70	3/4	163.33	3/4		3/4	
9	1,976.55	9	1,715.18	9	1,453.80	9	1,192.43	9	931.06	9	673.06	9	419.25	9	157.89	9		9	
1/4	1,971.11	1/4	1,709.73	1/4	1,448.36	1/4	1,186.98	1/4	925.61	1/4	667.84	1/4	413.81	1/4	152.44	1/4		1/4	
1/2	1,965.66	1/2	1,704.29	1/2	1,442.91	1/2	1,181.54	1/2	920.16	1/2	662.62	1/2	408.36	1/2	147.00	1/2		1/2	
3/4	1,960.22	3/4	1,698.84	3/4	1,437.47	3/4	1,176.09	3/4	914.72	3/4	657.41	3/4	402.92	3/4	141.56	3/4		3/4	
10	1,954.77	10	1,693.40	10	1,432.02	10	1,170.65	10	909.27	10	652.19	10	397.47	10	136.11	10		10	
1/4	1,949.33	1/4	1,687.95	1/4	1,426.58	1/4	1,165.20	1/4	903.83	1/4	646.97	1/4	392.03	1/4	130.67	1/4		1/4	
1/2	1,943.88	1/2	1,682.51	1/2	1,421.13	1/2	1,159.76	1/2	898.38	1/2	641.76	1/2	386.58	1/2	125.23	1/2		1/2	
3/4	1,938.44	3/4	1,677.06	3/4	1,415.69	3/4	1,154.31	3/4	892.94	3/4	636.54	3/4	381.14	3/4	119.79	3/4		3/4	
11	1,932.99	11	1,671.62	11	1,410.24	11	1,148.87	11	887.49	11	631.33	11	375.69	11	114.36	11		11	
1/4	1,927.55	1/4	1,666.17	1/4	1,404.80	1/4	1,143.42	1/4	882.05	1/4	626.11	1/4	370.25	1/4	108.92	1/4		1/4	
1/2	1,922.10	1/2	1,660.73	1/2	1,399.35	1/2	1,137.98	1/2	876.60	1/2	620.89	1/2	364.80	1/2	103.49	1/2		1/2	
3/4	1,916.65	3/4	1,655.28	3/4	1,393.91	3/4	1,132.53	3/4	871.16	3/4	615.68	3/4	359.36	3/4	98.06	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/07/2013 SW
CALCULATED: 08/07/2013 CL
PRINTED: 08/07/2013 CL

PRECISION MEASUREMENT
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CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2013



BARGE "WEB 335"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GUAGE HEIGHT 18'-04"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0		0	3,740.80	0	3,481.57	0	3,222.40	0	2,962.50	0	2,701.42	0	2,440.33
1/4		1/4		1/4		1/4		1/4	3,735.39	1/4	3,476.17	1/4	3,217.00	1/4	2,957.06	1/4	2,695.98	1/4	2,434.89
1/2		1/2		1/2		1/2		1/2	3,729.99	1/2	3,470.77	1/2	3,211.60	1/2	2,951.62	1/2	2,690.54	1/2	2,429.45
3/4		3/4		3/4		3/4		3/4	3,724.58	3/4	3,465.37	3/4	3,206.20	3/4	2,946.19	3/4	2,685.10	3/4	2,424.01
1		1		1		1		1	3,719.17	1	3,459.97	1	3,200.80	1	2,940.75	1	2,679.66	1	2,418.57
1/4		1/4		1/4		1/4		1/4	3,713.76	1/4	3,454.57	1/4	3,195.40	1/4	2,935.31	1/4	2,674.22	1/4	2,413.13
1/2		1/2		1/2		1/2		1/2	3,708.36	1/2	3,449.17	1/2	3,190.00	1/2	2,929.87	1/2	2,668.78	1/2	2,407.69
3/4		3/4		3/4		3/4		3/4	3,702.96	3/4	3,443.78	3/4	3,184.60	3/4	2,924.43	3/4	2,663.34	3/4	2,402.26
2		2		2		2		2	3,697.55	2	3,438.38	2	3,179.20	2	2,918.99	2	2,657.90	2	2,396.82
1/4		1/4		1/4		1/4		1/4	3,692.15	1/4	3,432.98	1/4	3,173.80	1/4	2,913.55	1/4	2,652.46	1/4	2,391.38
1/2		1/2		1/2		1/2		1/2	3,686.75	1/2	3,427.58	1/2	3,168.40	1/2	2,908.11	1/2	2,647.02	1/2	2,385.94
3/4		3/4		3/4		3/4		3/4	3,681.35	3/4	3,422.18	3/4	3,163.00	3/4	2,902.67	3/4	2,641.58	3/4	2,380.50
3		3		3		3		3	3,675.95	3	3,416.78	3	3,157.60	3	2,897.23	3	2,636.15	3	2,375.06
1/4		1/4		1/4		1/4		1/4	3,670.55	1/4	3,411.38	1/4	3,152.20	1/4	2,891.79	1/4	2,630.71	1/4	2,369.62
1/2		1/2		1/2		1/2		1/2	3,665.15	1/2	3,405.98	1/2	3,146.80	1/2	2,886.35	1/2	2,625.27	1/2	2,364.18
3/4		3/4		3/4		3/4		3/4	3,659.76	3/4	3,400.58	3/4	3,141.40	3/4	2,880.91	3/4	2,619.83	3/4	2,358.74
4		4		4		4		4	3,654.36	4	3,395.18	4	3,136.00	4	2,875.47	4	2,614.39	4	2,353.30
1/4		1/4		1/4		1/4		1/4	3,648.96	1/4	3,389.78	1/4	3,130.60	1/4	2,870.04	1/4	2,608.95	1/4	2,347.86
1/2		1/2		1/2		1/2		1/2	3,643.56	1/2	3,384.38	1/2	3,125.20	1/2	2,864.60	1/2	2,603.51	1/2	2,342.42
3/4		3/4		3/4		3/4		3/4	3,638.16	3/4	3,378.98	3/4	3,119.81	3/4	2,859.16	3/4	2,598.07	3/4	2,336.98
5		5		5		5		5	3,632.76	5	3,373.58	5	3,114.41	5	2,853.72	5	2,592.63	5	2,331.54
1/4		1/4		1/4		1/4		1/4	3,627.36	1/4	3,368.18	1/4	3,109.01	1/4	2,848.28	1/4	2,587.19	1/4	2,326.11
1/2		1/2		1/2		1/2		1/2	3,621.96	1/2	3,362.78	1/2	3,103.61	1/2	2,842.84	1/2	2,581.75	1/2	2,320.67
3/4		3/4		3/4		3/4		3/4	3,616.56	3/4	3,357.38	3/4	3,098.21	3/4	2,837.40	3/4	2,576.31	3/4	2,315.23
6		6		6		6		6	3,611.16	6	3,351.98	6	3,092.81	6	2,831.96	6	2,570.87	6	2,309.79
1/4		1/4		1/4		1/4		1/4	3,605.76	1/4	3,346.58	1/4	3,087.41	1/4	2,826.52	1/4	2,565.43	1/4	2,304.35
1/2		1/2		1/2		1/2		1/2	3,600.36	1/2	3,341.18	1/2	3,082.01	1/2	2,821.08	1/2	2,560.00	1/2	2,298.91
3/4		3/4		3/4		3/4		3/4	3,594.96	3/4	3,335.79	3/4	3,076.61	3/4	2,815.64	3/4	2,554.56	3/4	2,293.47
7		7		7		7	3,827.44	7	3,589.56	7	3,330.39	7	3,071.21	7	2,810.20	7	2,549.12	7	2,288.03
1/4		1/4		1/4		1/4	3,824.85	1/4	3,584.16	1/4	3,324.99	1/4	3,065.79	1/4	2,804.76	1/4	2,543.68	1/4	2,282.59
1/2		1/2		1/2		1/2	3,822.25	1/2	3,578.76	1/2	3,319.59	1/2	3,060.37	1/2	2,799.32	1/2	2,538.24	1/2	2,277.15
3/4		3/4		3/4		3/4	3,819.66	3/4	3,573.36	3/4	3,314.19	3/4	3,054.95	3/4	2,793.89	3/4	2,532.80	3/4	2,271.71
8		8		8		8	3,817.06	8	3,567.96	8	3,308.79	8	3,049.53	8	2,788.45	8	2,527.36	8	2,266.27
1/4		1/4		1/4		1/4	3,813.38	1/4	3,562.56	1/4	3,303.39	1/4	3,044.09	1/4	2,783.01	1/4	2,521.92	1/4	2,260.83
1/2		1/2		1/2		1/2	3,809.69	1/2	3,557.16	1/2	3,297.99	1/2	3,038.65	1/2	2,777.57	1/2	2,516.48	1/2	2,255.39
3/4		3/4		3/4		3/4	3,806.01	3/4	3,551.77	3/4	3,292.59	3/4	3,033.21	3/4	2,772.13	3/4	2,511.04	3/4	2,249.96
9		9		9		9	3,802.32	9	3,546.37	9	3,287.19	9	3,027.78	9	2,766.69	9	2,505.60	9	2,244.52
1/4		1/4		1/4		1/4	3,797.63	1/4	3,540.97	1/4	3,281.79	1/4	3,022.34	1/4	2,761.25	1/4	2,500.16	1/4	2,239.08
1/2		1/2		1/2		1/2	3,792.93	1/2	3,535.57	1/2	3,276.39	1/2	3,016.90	1/2	2,755.81	1/2	2,494.72	1/2	2,233.64
3/4		3/4		3/4		3/4	3,788.23	3/4	3,530.17	3/4	3,270.99	3/4	3,011.46	3/4	2,750.37	3/4	2,489.28	3/4	2,228.20
10		10		10		10	3,783.53	10	3,524.77	10	3,265.59	10	3,006.02	10	2,744.93	10	2,483.85	10	2,222.76
1/4		1/4		1/4		1/4	3,778.25	1/4	3,519.37	1/4	3,260.19	1/4	3,000.58	1/4	2,739.49	1/4	2,478.41	1/4	2,217.32
1/2		1/2		1/2		1/2	3,772.97	1/2	3,513.97	1/2	3,254.79	1/2	2,995.14	1/2	2,734.05	1/2	2,472.97	1/2	2,211.88
3/4		3/4		3/4		3/4	3,767.69	3/4	3,508.57	3/4	3,249.39	3/4	2,989.70	3/4	2,728.61	3/4	2,467.53	3/4	2,206.44
11		11		11		11	3,762.41	11	3,503.17	11	3,243.99	11	2,984.26	11	2,723.17	11	2,462.09	11	2,201.00
1/4		1/4		1/4		1/4	3,757.01	1/4	3,497.77	1/4	3,238.59	1/4	2,978.82	1/4	2,717.73	1/4	2,456.65	1/4	2,195.56
1/2		1/2		1/2		1/2	3,751.61	1/2	3,492.37	1/2	3,233.19	1/2	2,973.38	1/2	2,712.30	1/2	2,451.21	1/2	2,190.12
3/4		3/4		3/4		3/4	3,746.21	3/4	3,486.97	3/4	3,227.80	3/4	2,967.94	3/4	2,706.86	3/4	2,445.77	3/4	2,184.68

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 32'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "WEB 335"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-04"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,179.24	0	1,917.89	0	1,656.29	0	1,394.70	0	1,133.10	0	871.51	0	610.07	0	348.75	0	87.27	0	
1/4	2,173.80	1/4	1,912.44	1/4	1,650.84	1/4	1,389.25	1/4	1,127.65	1/4	866.06	1/4	604.64	1/4	343.31	1/4	81.85	1/4	
1/2	2,168.37	1/2	1,906.99	1/2	1,645.39	1/2	1,383.80	1/2	1,122.20	1/2	860.61	1/2	599.20	1/2	337.86	1/2	76.43	1/2	
3/4	2,162.93	3/4	1,901.54	3/4	1,639.94	3/4	1,378.35	3/4	1,116.75	3/4	855.16	3/4	593.77	3/4	332.41	3/4	71.01	3/4	
1	2,157.49	1	1,896.09	1	1,634.49	1	1,372.90	1	1,111.30	1	849.71	1	588.33	1	326.96	1	65.59	1	
1/4	2,152.05	1/4	1,890.64	1/4	1,629.04	1/4	1,367.45	1/4	1,105.85	1/4	844.26	1/4	582.89	1/4	321.51	1/4	60.20	1/4	
1/2	2,146.61	1/2	1,885.19	1/2	1,623.59	1/2	1,362.00	1/2	1,100.40	1/2	838.81	1/2	577.46	1/2	316.06	1/2	54.80	1/2	
3/4	2,141.17	3/4	1,879.74	3/4	1,618.14	3/4	1,356.55	3/4	1,094.95	3/4	833.36	3/4	572.02	3/4	310.61	3/4	49.41	3/4	
2	2,135.73	2	1,874.29	2	1,612.69	2	1,351.10	2	1,089.50	2	827.91	2	566.58	2	305.16	2	44.01	2	
1/4	2,130.29	1/4	1,868.84	1/4	1,607.24	1/4	1,345.65	1/4	1,084.05	1/4	822.46	1/4	561.15	1/4	299.71	1/4	39.05	1/4	
1/2	2,124.85	1/2	1,863.39	1/2	1,601.79	1/2	1,340.20	1/2	1,078.60	1/2	817.01	1/2	555.71	1/2	294.26	1/2	34.09	1/2	
3/4	2,119.41	3/4	1,857.94	3/4	1,596.34	3/4	1,334.75	3/4	1,073.15	3/4	811.56	3/4	550.27	3/4	288.81	3/4	29.13	3/4	
3	2,113.97	3	1,852.49	3	1,590.89	3	1,329.30	3	1,067.70	3	806.11	3	544.84	3	283.36	3	24.17	3	
1/4	2,108.53	1/4	1,847.04	1/4	1,585.44	1/4	1,323.85	1/4	1,062.25	1/4	800.66	1/4	539.40	1/4	277.91	1/4	20.54	1/4	
1/2	2,103.09	1/2	1,841.59	1/2	1,579.99	1/2	1,318.40	1/2	1,056.80	1/2	795.21	1/2	533.96	1/2	272.46	1/2	16.91	1/2	
3/4	2,097.65	3/4	1,836.14	3/4	1,574.54	3/4	1,312.95	3/4	1,051.35	3/4	789.76	3/4	528.53	3/4	267.01	3/4	13.28	3/4	
4	2,092.22	4	1,830.69	4	1,569.09	4	1,307.50	4	1,045.90	4	784.31	4	523.09	4	261.56	4	9.65	4	
1/4	2,086.78	1/4	1,825.24	1/4	1,563.65	1/4	1,302.05	1/4	1,040.45	1/4	778.86	1/4	517.65	1/4	256.11	1/4		1/4	
1/2	2,081.34	1/2	1,819.79	1/2	1,558.20	1/2	1,296.60	1/2	1,035.00	1/2	773.41	1/2	512.21	1/2	250.66	1/2		1/2	
3/4	2,075.90	3/4	1,814.34	3/4	1,552.75	3/4	1,291.15	3/4	1,029.55	3/4	767.96	3/4	506.77	3/4	245.21	3/4		3/4	
5	2,070.46	5	1,808.89	5	1,547.30	5	1,285.70	5	1,024.10	5	762.51	5	501.33	5	239.76	5		5	
1/4	2,065.02	1/4	1,803.44	1/4	1,541.85	1/4	1,280.25	1/4	1,018.66	1/4	757.06	1/4	495.89	1/4	234.31	1/4		1/4	
1/2	2,059.57	1/2	1,797.99	1/2	1,536.40	1/2	1,274.80	1/2	1,013.21	1/2	751.61	1/2	490.44	1/2	228.86	1/2		1/2	
3/4	2,054.13	3/4	1,792.54	3/4	1,530.95	3/4	1,269.35	3/4	1,007.76	3/4	746.16	3/4	484.99	3/4	223.41	3/4		3/4	
6	2,048.69	6	1,787.09	6	1,525.50	6	1,263.90	6	1,002.31	6	740.71	6	479.55	6	217.96	6		6	
1/4	2,043.24	1/4	1,781.64	1/4	1,520.05	1/4	1,258.45	1/4	996.86	1/4	735.26	1/4	474.10	1/4	212.51	1/4		1/4	
1/2	2,037.79	1/2	1,776.19	1/2	1,514.60	1/2	1,253.00	1/2	991.41	1/2	729.81	1/2	468.65	1/2	207.07	1/2		1/2	
3/4	2,032.34	3/4	1,770.74	3/4	1,509.15	3/4	1,247.55	3/4	985.96	3/4	724.36	3/4	463.20	3/4	201.62	3/4		3/4	
7	2,026.89	7	1,765.29	7	1,503.70	7	1,242.10	7	980.51	7	718.91	7	457.75	7	196.17	7		7	
1/4	2,021.44	1/4	1,759.84	1/4	1,498.25	1/4	1,236.65	1/4	975.06	1/4	713.46	1/4	452.30	1/4	190.72	1/4		1/4	
1/2	2,015.99	1/2	1,754.39	1/2	1,492.80	1/2	1,231.20	1/2	969.61	1/2	708.01	1/2	446.85	1/2	185.27	1/2		1/2	
3/4	2,010.54	3/4	1,748.94	3/4	1,487.35	3/4	1,225.75	3/4	964.16	3/4	702.56	3/4	441.40	3/4	179.82	3/4		3/4	
8	2,005.09	8	1,743.49	8	1,481.90	8	1,220.30	8	958.71	8	697.11	8	435.95	8	174.37	8		8	
1/4	1,999.64	1/4	1,738.04	1/4	1,476.45	1/4	1,214.85	1/4	953.26	1/4	691.66	1/4	430.50	1/4	168.92	1/4		1/4	
1/2	1,994.19	1/2	1,732.59	1/2	1,471.00	1/2	1,209.40	1/2	947.81	1/2	686.22	1/2	425.05	1/2	163.47	1/2		1/2	
3/4	1,988.74	3/4	1,727.14	3/4	1,465.55	3/4	1,203.95	3/4	942.36	3/4	680.77	3/4	419.60	3/4	158.02	3/4		3/4	
9	1,983.29	9	1,721.69	9	1,460.10	9	1,198.50	9	936.91	9	675.32	9	414.15	9	152.57	9		9	
1/4	1,977.84	1/4	1,716.24	1/4	1,454.65	1/4	1,193.05	1/4	931.46	1/4	669.89	1/4	408.70	1/4	147.12	1/4		1/4	
1/2	1,972.39	1/2	1,710.79	1/2	1,449.20	1/2	1,187.60	1/2	926.01	1/2	664.45	1/2	403.25	1/2	141.67	1/2		1/2	
3/4	1,966.94	3/4	1,705.34	3/4	1,443.75	3/4	1,182.15	3/4	920.56	3/4	659.01	3/4	397.80	3/4	136.23	3/4		3/4	
10	1,961.49	10	1,699.89	10	1,438.30	10	1,176.70	10	915.11	10	653.57	10	392.35	10	130.78	10		10	
1/4	1,956.04	1/4	1,694.44	1/4	1,432.85	1/4	1,171.25	1/4	909.66	1/4	648.13	1/4	386.90	1/4	125.34	1/4		1/4	
1/2	1,950.59	1/2	1,688.99	1/2	1,427.40	1/2	1,165.80	1/2	904.21	1/2	642.69	1/2	381.45	1/2	119.89	1/2		1/2	
3/4	1,945.14	3/4	1,683.54	3/4	1,421.95	3/4	1,160.35	3/4	898.76	3/4	637.26	3/4	376.00	3/4	114.45	3/4		3/4	
11	1,939.69	11	1,678.09	11	1,416.50	11	1,154.90	11	893.31	11	631.82	11	370.55	11	109.01	11		11	
1/4	1,934.24	1/4	1,672.64	1/4	1,411.05	1/4	1,149.45	1/4	887.86	1/4	626.38	1/4	365.10	1/4	103.57	1/4		1/4	
1/2	1,928.79	1/2	1,667.19	1/2	1,405.60	1/2	1,144.00	1/2	882.41	1/2	620.95	1/2	359.65	1/2	98.14	1/2		1/2	
3/4	1,923.34	3/4	1,661.74	3/4	1,400.15	3/4	1,138.55	3/4	876.96	3/4	615.51	3/4	354.20	3/4	92.71	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/07/2013 SW
CALCULATED: 08/07/2013 CL
PRINTED: 08/07/2013 CL

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2013



BARGE "WEB 335"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-04 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0		0	4,080.18	0	3,796.95	0	3,513.77	0	3,229.92	0	2,944.83	0	2,659.74		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,074.28	1/4	3,791.05	1/4	3,507.87	1/4	3,223.98	1/4	2,938.89	1/4	2,653.80		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,068.37	1/2	3,785.15	1/2	3,501.97	1/2	3,218.04	1/2	2,932.95	1/2	2,647.86		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,062.46	3/4	3,779.25	3/4	3,496.07	3/4	3,212.10	3/4	2,927.01	3/4	2,641.92		
1		1		1		1		1	4,056.56	1	3,773.35	1	3,490.17	1	3,206.16	1	2,921.07	1	2,635.98		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,050.65	1/4	3,767.45	1/4	3,484.27	1/4	3,200.22	1/4	2,915.13	1/4	2,630.04		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,044.75	1/2	3,761.55	1/2	3,478.37	1/2	3,194.28	1/2	2,909.19	1/2	2,624.10		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,038.84	3/4	3,755.65	3/4	3,472.47	3/4	3,188.34	3/4	2,903.25	3/4	2,618.16		
2		2		2		2		2	4,032.94	2	3,749.75	2	3,466.57	2	3,182.40	2	2,897.31	2	2,612.22		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,027.04	1/4	3,743.85	1/4	3,460.67	1/4	3,176.46	1/4	2,891.37	1/4	2,606.28		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,021.14	1/2	3,737.96	1/2	3,454.77	1/2	3,170.52	1/2	2,885.43	1/2	2,600.34		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,015.24	3/4	3,732.06	3/4	3,448.87	3/4	3,164.58	3/4	2,879.49	3/4	2,594.40		
3		3		3		3		3	4,009.34	3	3,726.16	3	3,442.98	3	3,158.64	3	2,873.55	3	2,588.46		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,003.44	1/4	3,720.26	1/4	3,437.08	1/4	3,152.71	1/4	2,867.61	1/4	2,582.52		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,997.54	1/2	3,714.36	1/2	3,431.18	1/2	3,146.77	1/2	2,861.67	1/2	2,576.58		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,991.64	3/4	3,708.46	3/4	3,425.28	3/4	3,140.83	3/4	2,855.74	3/4	2,570.64		
4		4		4		4		4	3,985.74	4	3,702.56	4	3,419.38	4	3,134.89	4	2,849.80	4	2,564.70		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,979.84	1/4	3,696.66	1/4	3,413.48	1/4	3,128.95	1/4	2,843.86	1/4	2,558.77		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,973.94	1/2	3,690.76	1/2	3,407.58	1/2	3,123.01	1/2	2,837.92	1/2	2,552.83		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,968.04	3/4	3,684.86	3/4	3,401.68	3/4	3,117.07	3/4	2,831.98	3/4	2,546.89		
5		5		5		5		5	3,962.14	5	3,678.96	5	3,395.78	5	3,111.13	5	2,826.04	5	2,540.95		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,956.24	1/4	3,673.06	1/4	3,389.88	1/4	3,105.19	1/4	2,820.10	1/4	2,535.01		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,950.34	1/2	3,667.16	1/2	3,383.98	1/2	3,099.25	1/2	2,814.16	1/2	2,529.07		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,944.44	3/4	3,661.26	3/4	3,378.08	3/4	3,093.31	3/4	2,808.22	3/4	2,523.13		
6		6		6		6		6	3,938.54	6	3,655.36	6	3,372.18	6	3,087.37	6	2,802.28	6	2,517.19		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,932.64	1/4	3,649.46	1/4	3,366.28	1/4	3,081.43	1/4	2,796.34	1/4	2,511.25		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,926.74	1/2	3,643.56	1/2	3,360.38	1/2	3,075.49	1/2	2,790.40	1/2	2,505.31		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,920.84	3/4	3,637.66	3/4	3,354.48	3/4	3,069.55	3/4	2,784.46	3/4	2,499.37		
7		7		7		7		7	3,914.94	7	3,631.76	7	3,348.58	7	3,063.61	7	2,778.52	7	2,493.43		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,169.05	1/4	3,909.04	1/4	3,625.86	1/4	3,342.68	1/4	3,057.68	1/4	2,772.58	1/4	2,487.49
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,166.21	1/2	3,903.14	1/2	3,619.96	1/2	3,336.76	1/2	3,051.74	1/2	2,766.64	1/2	2,481.55
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,163.36	3/4	3,897.24	3/4	3,614.06	3/4	3,330.85	3/4	3,045.80	3/4	2,760.71	3/4	2,475.61
8		8		8		8		8	4,160.52	8	3,891.34	8	3,608.16	8	3,324.93	8	3,039.86	8	2,754.77	8	2,469.67
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,157.67	1/4	3,885.45	1/4	3,602.26	1/4	3,319.01	1/4	3,033.92	1/4	2,748.83	1/4	2,463.74
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,153.64	1/2	3,879.55	1/2	3,596.36	1/2	3,313.07	1/2	3,027.98	1/2	2,742.89	1/2	2,457.80
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,149.60	3/4	3,873.65	3/4	3,590.47	3/4	3,307.13	3/4	3,022.04	3/4	2,736.95	3/4	2,451.86
9		9		9		9		9	4,145.57	9	3,867.75	9	3,584.57	9	3,301.19	9	3,016.10	9	2,731.01	9	2,445.92
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,141.53	1/4	3,861.85	1/4	3,578.67	1/4	3,295.25	1/4	3,010.16	1/4	2,725.07	1/4	2,439.98
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,136.39	1/2	3,855.95	1/2	3,572.77	1/2	3,289.31	1/2	3,004.22	1/2	2,719.13	1/2	2,434.04
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,131.25	3/4	3,850.05	3/4	3,566.87	3/4	3,283.37	3/4	2,998.28	3/4	2,713.19	3/4	2,428.10
10		10		10		10		10	4,126.11	10	3,844.15	10	3,560.97	10	3,277.43	10	2,992.34	10	2,707.25	10	2,422.16
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,120.97	1/4	3,838.25	1/4	3,555.07	1/4	3,271.49	1/4	2,986.40	1/4	2,701.31	1/4	2,416.22
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,115.20	1/2	3,832.35	1/2	3,549.17	1/2	3,265.55	1/2	2,980.46	1/2	2,695.37	1/2	2,410.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,109.42	3/4	3,826.45	3/4	3,543.27	3/4	3,259.61	3/4	2,974.52	3/4	2,689.43	3/4	2,404.34
11		11		11		11		11	4,103.65	11	3,820.55	11	3,537.37	11	3,253.68	11	2,968.58	11	2,683.49	11	2,398.40
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,097.88	1/4	3,814.65	1/4	3,531.47	1/4	3,247.74	1/4	2,962.64	1/4	2,677.55	1/4	2,392.46
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,091.98	1/2	3,808.75	1/2	3,525.57	1/2	3,241.80	1/2	2,956.71	1/2	2,671.61	1/2	2,386.52
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,086.08	3/4	3,802.85	3/4	3,519.67	3/4	3,235.86	3/4	2,950.77	3/4	2,665.67	3/4	2,380.58

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 38'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "WEB 335"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-04 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	2,374.64	0	2,089.30	0	1,803.70	0	1,518.10	0	1,232.50	0	946.90	0	667.43	0	386.66	0	101.16	0	
1/4	2,368.70	1/4	2,083.35	1/4	1,797.75	1/4	1,512.15	1/4	1,226.55	1/4	940.95	1/4	661.71	1/4	380.71	1/4	95.23	1/4	
1/2	2,362.77	1/2	2,077.40	1/2	1,791.80	1/2	1,506.20	1/2	1,220.60	1/2	935.00	1/2	655.99	1/2	374.76	1/2	89.31	1/2	
3/4	2,356.83	3/4	2,071.45	3/4	1,785.85	3/4	1,500.25	3/4	1,214.65	3/4	929.05	3/4	650.27	3/4	368.81	3/4	83.39	3/4	
1	2,350.89	1	2,065.50	1	1,779.90	1	1,494.30	1	1,208.70	1	923.10	1	644.55	1	362.86	1	77.48	1	
1/4	2,344.95	1/4	2,059.55	1/4	1,773.95	1/4	1,488.35	1/4	1,202.75	1/4	917.15	1/4	638.83	1/4	356.91	1/4	71.56	1/4	
1/2	2,339.01	1/2	2,053.60	1/2	1,768.00	1/2	1,482.40	1/2	1,196.80	1/2	911.20	1/2	633.11	1/2	350.96	1/2	65.67	1/2	
3/4	2,333.07	3/4	2,047.65	3/4	1,762.05	3/4	1,476.45	3/4	1,190.85	3/4	905.25	3/4	627.39	3/4	345.01	3/4	59.78	3/4	
2	2,327.13	2	2,041.70	2	1,756.10	2	1,470.50	2	1,184.90	2	899.30	2	621.66	2	339.06	2	53.89	2	
1/4	2,321.19	1/4	2,035.75	1/4	1,750.15	1/4	1,464.55	1/4	1,178.95	1/4	893.35	1/4	615.94	1/4	333.11	1/4	48.00	1/4	
1/2	2,315.25	1/2	2,029.80	1/2	1,744.20	1/2	1,458.60	1/2	1,173.00	1/2	887.40	1/2	610.22	1/2	327.16	1/2	42.58	1/2	
3/4	2,309.31	3/4	2,023.85	3/4	1,738.25	3/4	1,452.65	3/4	1,167.05	3/4	881.45	3/4	604.50	3/4	321.21	3/4	37.17	3/4	
3	2,303.37	3	2,017.90	3	1,732.30	3	1,446.70	3	1,161.10	3	875.50	3	598.78	3	315.26	3	31.75	3	
1/4	2,297.43	1/4	2,011.95	1/4	1,726.35	1/4	1,440.75	1/4	1,155.15	1/4	869.55	1/4	593.06	1/4	309.31	1/4	26.34	1/4	
1/2	2,291.49	1/2	2,006.00	1/2	1,720.40	1/2	1,434.80	1/2	1,149.20	1/2	863.60	1/2	587.34	1/2	303.36	1/2	22.37	1/2	
3/4	2,285.55	3/4	2,000.05	3/4	1,714.45	3/4	1,428.85	3/4	1,143.25	3/4	857.65	3/4	581.62	3/4	297.41	3/4	18.41	3/4	
4	2,279.61	4	1,994.10	4	1,708.50	4	1,422.90	4	1,137.30	4	851.70	4	575.90	4	291.46	4	14.44	4	
1/4	2,273.67	1/4	1,988.15	1/4	1,702.55	1/4	1,416.95	1/4	1,131.35	1/4	845.75	1/4	570.18	1/4	285.51	1/4	10.48	1/4	
1/2	2,267.73	1/2	1,982.20	1/2	1,696.60	1/2	1,411.00	1/2	1,125.40	1/2	839.86	1/2	564.40	1/2	279.56	1/2		1/2	
3/4	2,261.80	3/4	1,976.25	3/4	1,690.65	3/4	1,405.05	3/4	1,119.45	3/4	833.96	3/4	558.63	3/4	273.61	3/4		3/4	
5	2,255.86	5	1,970.30	5	1,684.70	5	1,399.10	5	1,113.50	5	828.07	5	552.85	5	267.66	5		5	
1/4	2,249.92	1/4	1,964.35	1/4	1,678.75	1/4	1,393.15	1/4	1,107.55	1/4	822.17	1/4	547.07	1/4	261.71	1/4		1/4	
1/2	2,243.97	1/2	1,958.40	1/2	1,672.80	1/2	1,387.20	1/2	1,101.60	1/2	816.39	1/2	541.18	1/2	255.76	1/2		1/2	
3/4	2,238.03	3/4	1,952.45	3/4	1,666.85	3/4	1,381.25	3/4	1,095.65	3/4	810.61	3/4	535.28	3/4	249.81	3/4		3/4	
6	2,232.09	6	1,946.50	6	1,660.90	6	1,375.30	6	1,089.70	6	804.83	6	529.39	6	243.86	6		6	
1/4	2,226.15	1/4	1,940.55	1/4	1,654.95	1/4	1,369.35	1/4	1,083.75	1/4	799.05	1/4	523.50	1/4	237.91	1/4		1/4	
1/2	2,220.20	1/2	1,934.60	1/2	1,649.00	1/2	1,363.40	1/2	1,077.80	1/2	793.33	1/2	517.55	1/2	231.96	1/2		1/2	
3/4	2,214.25	3/4	1,928.65	3/4	1,643.05	3/4	1,357.45	3/4	1,071.85	3/4	787.60	3/4	511.60	3/4	226.01	3/4		3/4	
7	2,208.30	7	1,922.70	7	1,637.10	7	1,351.50	7	1,065.90	7	781.88	7	505.65	7	220.06	7		7	
1/4	2,202.35	1/4	1,916.75	1/4	1,631.15	1/4	1,345.55	1/4	1,059.95	1/4	776.15	1/4	499.70	1/4	214.11	1/4		1/4	
1/2	2,196.40	1/2	1,910.80	1/2	1,625.20	1/2	1,339.60	1/2	1,054.00	1/2	770.43	1/2	493.75	1/2	208.17	1/2		1/2	
3/4	2,190.45	3/4	1,904.85	3/4	1,619.25	3/4	1,333.65	3/4	1,048.05	3/4	764.70	3/4	487.80	3/4	202.22	3/4		3/4	
8	2,184.50	8	1,898.90	8	1,613.30	8	1,327.70	8	1,042.10	8	758.98	8	481.85	8	196.27	8		8	
1/4	2,178.55	1/4	1,892.95	1/4	1,607.35	1/4	1,321.75	1/4	1,036.15	1/4	753.25	1/4	475.90	1/4	190.32	1/4		1/4	
1/2	2,172.60	1/2	1,887.00	1/2	1,601.40	1/2	1,315.80	1/2	1,030.20	1/2	747.53	1/2	469.95	1/2	184.37	1/2		1/2	
3/4	2,166.65	3/4	1,881.05	3/4	1,595.45	3/4	1,309.85	3/4	1,024.25	3/4	741.80	3/4	464.00	3/4	178.42	3/4		3/4	
9	2,160.70	9	1,875.10	9	1,589.50	9	1,303.90	9	1,018.30	9	736.08	9	458.05	9	172.47	9		9	
1/4	2,154.75	1/4	1,869.15	1/4	1,583.55	1/4	1,297.95	1/4	1,012.35	1/4	730.36	1/4	452.10	1/4	166.52	1/4		1/4	
1/2	2,148.80	1/2	1,863.20	1/2	1,577.60	1/2	1,292.00	1/2	1,006.40	1/2	724.64	1/2	446.15	1/2	160.57	1/2		1/2	
3/4	2,142.85	3/4	1,857.25	3/4	1,571.65	3/4	1,286.05	3/4	1,000.45	3/4	718.91	3/4	440.20	3/4	154.62	3/4		3/4	
10	2,136.90	10	1,851.30	10	1,565.70	10	1,280.10	10	994.50	10	713.19	10	434.25	10	148.68	10		10	
1/4	2,130.95	1/4	1,845.35	1/4	1,559.75	1/4	1,274.15	1/4	988.55	1/4	707.47	1/4	428.30	1/4	142.73	1/4		1/4	
1/2	2,125.00	1/2	1,839.40	1/2	1,553.80	1/2	1,268.20	1/2	982.60	1/2	701.75	1/2	422.35	1/2	136.79	1/2		1/2	
3/4	2,119.05	3/4	1,833.45	3/4	1,547.85	3/4	1,262.25	3/4	976.65	3/4	696.03	3/4	416.40	3/4	130.84	3/4		3/4	
11	2,113.10	11	1,827.50	11	1,541.90	11	1,256.30	11	970.70	11	690.31	11	410.45	11	124.90	11		11	
1/4	2,107.15	1/4	1,821.55	1/4	1,535.95	1/4	1,250.35	1/4	964.75	1/4	684.59	1/4	404.51	1/4	118.96	1/4		1/4	
1/2	2,101.20	1/2	1,815.60	1/2	1,530.00	1/2	1,244.40	1/2	958.80	1/2	678.87	1/2	398.56	1/2	113.03	1/2		1/2	
3/4	2,095.25	3/4	1,809.65	3/4	1,524.05	3/4	1,238.45	3/4	952.85	3/4	673.15	3/4	392.61	3/4	107.09	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/07/2013 SW
CALCULATED: 08/07/2013 CL
PRINTED: 08/07/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2013

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



BARGE "WEB 335"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-04"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0		0	4,081.67	0	3,798.65	0	3,515.69	0	3,232.01	0	2,947.14	0	2,662.27
1/4		1/4		1/4		1/4		1/4	4,075.77	1/4	3,792.76	1/4	3,509.80	1/4	3,226.08	1/4	2,941.21	1/4	2,656.34
1/2		1/2		1/2		1/2		1/2	4,069.86	1/2	3,786.86	1/2	3,503.90	1/2	3,220.14	1/2	2,935.27	1/2	2,650.40
3/4		3/4		3/4		3/4		3/4	4,063.96	3/4	3,780.97	3/4	3,498.01	3/4	3,214.21	3/4	2,929.34	3/4	2,644.47
1		1		1		1		1	4,058.05	1	3,775.07	1	3,492.11	1	3,208.27	1	2,923.40	1	2,638.53
1/4		1/4		1/4		1/4		1/4	4,052.15	1/4	3,769.18	1/4	3,486.22	1/4	3,202.34	1/4	2,917.47	1/4	2,632.60
1/2		1/2		1/2		1/2		1/2	4,046.25	1/2	3,763.28	1/2	3,480.32	1/2	3,196.40	1/2	2,911.53	1/2	2,626.66
3/4		3/4		3/4		3/4		3/4	4,040.35	3/4	3,757.39	3/4	3,474.43	3/4	3,190.47	3/4	2,905.60	3/4	2,620.73
2		2		2		2		2	4,034.45	2	3,751.49	2	3,468.53	2	3,184.53	2	2,899.66	2	2,614.79
1/4		1/4		1/4		1/4		1/4	4,028.56	1/4	3,745.60	1/4	3,462.64	1/4	3,178.60	1/4	2,893.73	1/4	2,608.86
1/2		1/2		1/2		1/2		1/2	4,022.66	1/2	3,739.70	1/2	3,456.74	1/2	3,172.66	1/2	2,887.79	1/2	2,602.92
3/4		3/4		3/4		3/4		3/4	4,016.77	3/4	3,733.81	3/4	3,450.85	3/4	3,166.73	3/4	2,881.86	3/4	2,596.99
3		3		3		3		3	4,010.87	3	3,727.91	3	3,444.95	3	3,160.79	3	2,875.92	3	2,591.05
1/4		1/4		1/4		1/4		1/4	4,004.98	1/4	3,722.02	1/4	3,439.06	1/4	3,154.86	1/4	2,869.99	1/4	2,585.12
1/2		1/2		1/2		1/2		1/2	3,999.08	1/2	3,716.12	1/2	3,433.16	1/2	3,148.92	1/2	2,864.05	1/2	2,579.18
3/4		3/4		3/4		3/4		3/4	3,993.19	3/4	3,710.23	3/4	3,427.27	3/4	3,142.99	3/4	2,858.12	3/4	2,573.25
4		4		4		4		4	3,987.29	4	3,704.33	4	3,421.37	4	3,137.06	4	2,852.18	4	2,567.31
1/4		1/4		1/4		1/4		1/4	3,981.40	1/4	3,698.44	1/4	3,415.48	1/4	3,131.12	1/4	2,846.25	1/4	2,561.38
1/2		1/2		1/2		1/2		1/2	3,975.50	1/2	3,692.54	1/2	3,409.58	1/2	3,125.19	1/2	2,840.32	1/2	2,555.44
3/4		3/4		3/4		3/4		3/4	3,969.61	3/4	3,686.65	3/4	3,403.69	3/4	3,119.25	3/4	2,834.38	3/4	2,549.51
5		5		5		5		5	3,963.71	5	3,680.75	5	3,397.79	5	3,113.32	5	2,828.45	5	2,543.58
1/4		1/4		1/4		1/4		1/4	3,957.82	1/4	3,674.86	1/4	3,391.90	1/4	3,107.38	1/4	2,822.51	1/4	2,537.64
1/2		1/2		1/2		1/2		1/2	3,951.92	1/2	3,668.96	1/2	3,386.00	1/2	3,101.45	1/2	2,816.58	1/2	2,531.71
3/4		3/4		3/4		3/4		3/4	3,946.03	3/4	3,663.07	3/4	3,380.11	3/4	3,095.51	3/4	2,810.64	3/4	2,525.77
6		6		6		6		6	3,940.13	6	3,657.17	6	3,374.21	6	3,089.58	6	2,804.71	6	2,519.84
1/4		1/4		1/4		1/4		1/4	3,934.24	1/4	3,651.28	1/4	3,368.32	1/4	3,083.64	1/4	2,798.77	1/4	2,513.90
1/2		1/2		1/2		1/2		1/2	3,928.34	1/2	3,645.38	1/2	3,362.42	1/2	3,077.71	1/2	2,792.84	1/2	2,507.97
3/4		3/4		3/4		3/4		3/4	3,922.45	3/4	3,639.49	3/4	3,356.53	3/4	3,071.77	3/4	2,786.90	3/4	2,502.03
7		7		7		7	4,176.38	7	3,916.55	7	3,633.59	7	3,350.63	7	3,065.84	7	2,780.97	7	2,496.10
1/4		1/4		1/4		1/4	4,173.53	1/4	3,910.66	1/4	3,627.70	1/4	3,344.72	1/4	3,059.90	1/4	2,775.03	1/4	2,490.16
1/2		1/2		1/2		1/2	4,170.69	1/2	3,904.76	1/2	3,621.80	1/2	3,338.80	1/2	3,053.97	1/2	2,769.10	1/2	2,484.23
3/4		3/4		3/4		3/4	4,167.85	3/4	3,898.87	3/4	3,615.91	3/4	3,332.88	3/4	3,048.03	3/4	2,763.16	3/4	2,478.29
8		8		8		8	4,165.01	8	3,892.97	8	3,610.01	8	3,326.97	8	3,042.10	8	2,757.23	8	2,472.36
1/4		1/4		1/4		1/4	4,160.97	1/4	3,887.08	1/4	3,604.12	1/4	3,321.03	1/4	3,036.16	1/4	2,751.29	1/4	2,466.42
1/2		1/2		1/2		1/2	4,156.94	1/2	3,881.18	1/2	3,598.22	1/2	3,315.10	1/2	3,030.23	1/2	2,745.36	1/2	2,460.49
3/4		3/4		3/4		3/4	4,152.91	3/4	3,875.29	3/4	3,592.33	3/4	3,309.16	3/4	3,024.29	3/4	2,739.42	3/4	2,454.55
9		9		9		9	4,148.88	9	3,869.39	9	3,586.43	9	3,303.23	9	3,018.36	9	2,733.49	9	2,448.62
1/4		1/4		1/4		1/4	4,143.74	1/4	3,863.50	1/4	3,580.54	1/4	3,297.29	1/4	3,012.42	1/4	2,727.55	1/4	2,442.68
1/2		1/2		1/2		1/2	4,138.61	1/2	3,857.60	1/2	3,574.64	1/2	3,291.36	1/2	3,006.49	1/2	2,721.62	1/2	2,436.75
3/4		3/4		3/4		3/4	4,133.47	3/4	3,851.71	3/4	3,568.75	3/4	3,285.43	3/4	3,000.55	3/4	2,715.68	3/4	2,430.81
10		10		10		10	4,128.33	10	3,845.81	10	3,562.85	10	3,279.49	10	2,994.62	10	2,709.75	10	2,424.88
1/4		1/4		1/4		1/4	4,122.56	1/4	3,839.92	1/4	3,556.96	1/4	3,273.56	1/4	2,988.69	1/4	2,703.81	1/4	2,418.94
1/2		1/2		1/2		1/2	4,116.80	1/2	3,834.02	1/2	3,551.06	1/2	3,267.62	1/2	2,982.75	1/2	2,697.88	1/2	2,413.01
3/4		3/4		3/4		3/4	4,111.03	3/4	3,828.13	3/4	3,545.17	3/4	3,261.69	3/4	2,976.82	3/4	2,691.95	3/4	2,407.07
11		11		11		11	4,105.26	11	3,822.23	11	3,539.27	11	3,255.75	11	2,970.88	11	2,686.01	11	2,401.14
1/4		1/4		1/4		1/4	4,099.36	1/4	3,816.34	1/4	3,533.38	1/4	3,249.82	1/4	2,964.95	1/4	2,680.08	1/4	2,395.21
1/2		1/2		1/2		1/2	4,093.47	1/2	3,810.44	1/2	3,527.48	1/2	3,243.88	1/2	2,959.01	1/2	2,674.14	1/2	2,389.27
3/4		3/4		3/4		3/4	4,087.57	3/4	3,804.55	3/4	3,521.59	3/4	3,237.95	3/4	2,953.08	3/4	2,668.21	3/4	2,383.34

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 38'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "WEB 335"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-04"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,377.40	0	2,092.25	0	1,806.88	0	1,521.50	0	1,236.12	0	950.74	0	665.52	0	380.42	0	95.16	0	
1/4	2,371.47	1/4	2,086.31	1/4	1,800.93	1/4	1,515.55	1/4	1,230.17	1/4	944.79	1/4	659.59	1/4	374.47	1/4	89.24	1/4	
1/2	2,365.53	1/2	2,080.36	1/2	1,794.98	1/2	1,509.61	1/2	1,224.23	1/2	938.85	1/2	653.66	1/2	368.53	1/2	83.33	1/2	
3/4	2,359.60	3/4	2,074.42	3/4	1,789.04	3/4	1,503.66	3/4	1,218.28	3/4	932.90	3/4	647.72	3/4	362.58	3/4	77.42	3/4	
1	2,353.66	1	2,068.47	1	1,783.09	1	1,497.71	1	1,212.34	1	926.96	1	641.79	1	356.64	1	71.51	1	
1/4	2,347.73	1/4	2,062.53	1/4	1,777.15	1/4	1,491.77	1/4	1,206.39	1/4	921.01	1/4	635.86	1/4	350.69	1/4	65.62	1/4	
1/2	2,341.79	1/2	2,056.58	1/2	1,771.20	1/2	1,485.82	1/2	1,200.44	1/2	915.07	1/2	629.93	1/2	344.75	1/2	59.73	1/2	
3/4	2,335.86	3/4	2,050.64	3/4	1,765.26	3/4	1,479.88	3/4	1,194.50	3/4	909.12	3/4	624.00	3/4	338.80	3/4	53.85	3/4	
2	2,329.92	2	2,044.69	2	1,759.31	2	1,473.93	2	1,188.55	2	903.17	2	618.06	2	332.86	2	47.96	2	
1/4	2,323.99	1/4	2,038.75	1/4	1,753.37	1/4	1,467.99	1/4	1,182.61	1/4	897.23	1/4	612.13	1/4	326.91	1/4	42.55	1/4	
1/2	2,318.05	1/2	2,032.80	1/2	1,747.42	1/2	1,462.04	1/2	1,176.66	1/2	891.28	1/2	606.20	1/2	320.97	1/2	37.14	1/2	
3/4	2,312.12	3/4	2,026.86	3/4	1,741.48	3/4	1,456.10	3/4	1,170.72	3/4	885.34	3/4	600.27	3/4	315.02	3/4	31.73	3/4	
3	2,306.18	3	2,020.91	3	1,735.53	3	1,450.15	3	1,164.77	3	879.39	3	594.34	3	309.08	3	26.32	3	
1/4	2,300.25	1/4	2,014.96	1/4	1,729.59	1/4	1,444.21	1/4	1,158.83	1/4	873.45	1/4	588.41	1/4	303.13	1/4	22.36	1/4	
1/2	2,294.31	1/2	2,009.02	1/2	1,723.64	1/2	1,438.26	1/2	1,152.88	1/2	867.50	1/2	582.47	1/2	297.18	1/2	18.40	1/2	
3/4	2,288.38	3/4	2,003.07	3/4	1,717.69	3/4	1,432.32	3/4	1,146.94	3/4	861.56	3/4	576.54	3/4	291.24	3/4	14.43	3/4	
4	2,282.44	4	1,997.13	4	1,711.75	4	1,426.37	4	1,140.99	4	855.61	4	570.61	4	285.29	4	10.47	4	
1/4	2,276.51	1/4	1,991.18	1/4	1,705.80	1/4	1,420.42	1/4	1,135.05	1/4	849.67	1/4	564.67	1/4	279.35	1/4		1/4	
1/2	2,270.57	1/2	1,985.24	1/2	1,699.86	1/2	1,414.48	1/2	1,129.10	1/2	843.72	1/2	558.74	1/2	273.40	1/2		1/2	
3/4	2,264.64	3/4	1,979.29	3/4	1,693.91	3/4	1,408.53	3/4	1,123.15	3/4	837.78	3/4	552.80	3/4	267.46	3/4		3/4	
5	2,258.70	5	1,973.35	5	1,687.97	5	1,402.59	5	1,117.21	5	831.83	5	546.87	5	261.51	5		5	
1/4	2,252.76	1/4	1,967.40	1/4	1,682.02	1/4	1,396.64	1/4	1,111.26	1/4	825.88	1/4	540.93	1/4	255.57	1/4		1/4	
1/2	2,246.82	1/2	1,961.46	1/2	1,676.08	1/2	1,390.70	1/2	1,105.32	1/2	819.94	1/2	534.99	1/2	249.62	1/2		1/2	
3/4	2,240.88	3/4	1,955.51	3/4	1,670.13	3/4	1,384.75	3/4	1,099.37	3/4	813.99	3/4	529.04	3/4	243.68	3/4		3/4	
6	2,234.94	6	1,949.57	6	1,664.19	6	1,378.81	6	1,093.43	6	808.05	6	523.10	6	237.73	6		6	
1/4	2,229.00	1/4	1,943.62	1/4	1,658.24	1/4	1,372.86	1/4	1,087.48	1/4	802.10	1/4	517.16	1/4	231.79	1/4		1/4	
1/2	2,223.05	1/2	1,937.67	1/2	1,652.30	1/2	1,366.92	1/2	1,081.54	1/2	796.16	1/2	511.21	1/2	225.84	1/2		1/2	
3/4	2,217.11	3/4	1,931.73	3/4	1,646.35	3/4	1,360.97	3/4	1,075.59	3/4	790.21	3/4	505.27	3/4	219.90	3/4		3/4	
7	2,211.16	7	1,925.78	7	1,640.40	7	1,355.03	7	1,069.65	7	784.27	7	499.32	7	213.95	7		7	
1/4	2,205.22	1/4	1,919.84	1/4	1,634.46	1/4	1,349.08	1/4	1,063.70	1/4	778.32	1/4	493.38	1/4	208.01	1/4		1/4	
1/2	2,199.27	1/2	1,913.89	1/2	1,628.51	1/2	1,343.13	1/2	1,057.76	1/2	772.38	1/2	487.43	1/2	202.06	1/2		1/2	
3/4	2,193.33	3/4	1,907.95	3/4	1,622.57	3/4	1,337.19	3/4	1,051.81	3/4	766.43	3/4	481.49	3/4	196.12	3/4		3/4	
8	2,187.38	8	1,902.00	8	1,616.62	8	1,331.24	8	1,045.86	8	760.49	8	475.54	8	190.17	8		8	
1/4	2,181.44	1/4	1,896.06	1/4	1,610.68	1/4	1,325.30	1/4	1,039.92	1/4	754.54	1/4	469.60	1/4	184.23	1/4		1/4	
1/2	2,175.49	1/2	1,890.11	1/2	1,604.73	1/2	1,319.35	1/2	1,033.97	1/2	748.60	1/2	463.65	1/2	178.28	1/2		1/2	
3/4	2,169.55	3/4	1,884.17	3/4	1,598.79	3/4	1,313.41	3/4	1,028.03	3/4	742.66	3/4	457.71	3/4	172.34	3/4		3/4	
9	2,163.60	9	1,878.22	9	1,592.84	9	1,307.46	9	1,022.08	9	736.72	9	451.76	9	166.39	9		9	
1/4	2,157.65	1/4	1,872.28	1/4	1,586.90	1/4	1,301.52	1/4	1,016.14	1/4	730.78	1/4	445.81	1/4	160.45	1/4		1/4	
1/2	2,151.71	1/2	1,866.33	1/2	1,580.95	1/2	1,295.57	1/2	1,010.19	1/2	724.85	1/2	439.87	1/2	154.51	1/2		1/2	
3/4	2,145.76	3/4	1,860.38	3/4	1,575.01	3/4	1,289.63	3/4	1,004.25	3/4	718.91	3/4	433.92	3/4	148.56	3/4		3/4	
10	2,139.82	10	1,854.44	10	1,569.06	10	1,283.68	10	998.30	10	712.98	10	427.98	10	142.62	10		10	
1/4	2,133.87	1/4	1,848.49	1/4	1,563.11	1/4	1,277.74	1/4	992.36	1/4	707.04	1/4	422.03	1/4	136.68	1/4		1/4	
1/2	2,127.93	1/2	1,842.55	1/2	1,557.17	1/2	1,271.79	1/2	986.41	1/2	701.11	1/2	416.09	1/2	130.74	1/2		1/2	
3/4	2,121.98	3/4	1,836.60	3/4	1,551.22	3/4	1,265.84	3/4	980.47	3/4	695.18	3/4	410.14	3/4	124.81	3/4		3/4	
11	2,116.04	11	1,830.66	11	1,545.28	11	1,259.90	11	974.52	11	689.25	11	404.20	11	118.87	11		11	
1/4	2,110.09	1/4	1,824.71	1/4	1,539.33	1/4	1,253.95	1/4	968.57	1/4	683.32	1/4	398.25	1/4	112.94	1/4		1/4	
1/2	2,104.15	1/2	1,818.77	1/2	1,533.39	1/2	1,248.01	1/2	962.63	1/2	677.38	1/2	392.31	1/2	107.01	1/2		1/2	
3/4	2,098.20	3/4	1,812.82	3/4	1,527.44	3/4	1,242.06	3/4	956.68	3/4	671.45	3/4	386.36	3/4	101.08	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/07/2013 SW
CALCULATED: 08/07/2013 CL
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PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
<http://www.pmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2013



BARGE "WEB 335"

4 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-07 1/4"

0 FT.			1 FT.			2 FT.			3 FT.			4 FT.			5 FT.			6 FT.			7 FT.			8 FT.			9 FT.		
IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN
0		0	0		0	0		0	0		0	7,654.16	0	7,192.46	0		0	6,730.13	0	6,267.78	0		0	5,766.53	0	5,217.48	0		0
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	7,645.00	1/4	7,182.83	1/4		1/4	6,720.49	1/4	6,258.15	1/4		1/4	5,755.09	1/4	5,206.05	1/4		1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	7,635.40	1/2	7,173.20	1/2		1/2	6,710.86	1/2	6,248.52	1/2		1/2	5,743.65	1/2	5,194.61	1/2		1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	7,625.79	3/4	7,163.57	3/4		3/4	6,701.23	3/4	6,238.89	3/4		3/4	5,732.22	3/4	5,183.17	3/4		3/4
1		1	1		1	1		1	1		1	7,616.19	1	7,153.93	1		1	6,691.60	1	6,229.25	1		1	5,720.78	1	5,171.73	1		1
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	7,606.59	1/4	7,144.30	1/4		1/4	6,681.97	1/4	6,219.62	1/4		1/4	5,709.34	1/4	5,160.29	1/4		1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	7,596.97	1/2	7,134.67	1/2		1/2	6,672.33	1/2	6,209.99	1/2		1/2	5,697.90	1/2	5,148.85	1/2		1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	7,587.35	3/4	7,125.04	3/4		3/4	6,662.70	3/4	6,200.36	3/4		3/4	5,686.46	3/4	5,137.41	3/4		3/4
2		2	2		2	2		2	2		2	7,577.72	2	7,115.41	2		2	6,653.07	2	6,190.73	2		2	5,675.02	2	5,125.98	2		2
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	7,568.10	1/4	7,105.77	1/4		1/4	6,643.44	1/4	6,181.09	1/4		1/4	5,663.59	1/4	5,114.54	1/4		1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	7,558.47	1/2	7,096.14	1/2		1/2	6,633.81	1/2	6,171.46	1/2		1/2	5,652.15	1/2	5,103.10	1/2		1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	7,548.84	3/4	7,086.51	3/4		3/4	6,624.17	3/4	6,161.83	3/4		3/4	5,640.71	3/4	5,091.66	3/4		3/4
3		3	3		3	3		3	3		3	7,539.21	3	7,076.88	3		3	6,614.54	3	6,152.20	3		3	5,629.27	3	5,080.22	3		3
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	7,529.58	1/4	7,067.25	1/4		1/4	6,604.91	1/4	6,142.56	1/4		1/4	5,617.83	1/4	5,068.78	1/4		1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	7,519.95	1/2	7,057.61	1/2		1/2	6,595.28	1/2	6,132.93	1/2		1/2	5,606.39	1/2	5,057.34	1/2		1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	7,510.32	3/4	7,047.98	3/4		3/4	6,585.65	3/4	6,123.30	3/4		3/4	5,594.95	3/4	5,045.91	3/4		3/4
4		4	4		4	4		4	4		4	7,500.69	4	7,038.35	4		4	6,576.01	4	6,113.67	4		4	5,583.52	4	5,034.47	4		4
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	7,491.05	1/4	7,028.72	1/4		1/4	6,566.38	1/4	6,104.03	1/4		1/4	5,572.08	1/4	5,023.03	1/4		1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	7,481.42	1/2	7,019.09	1/2		1/2	6,556.75	1/2	6,094.40	1/2		1/2	5,560.64	1/2	5,011.59	1/2		1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	7,471.79	3/4	7,009.45	3/4		3/4	6,547.12	3/4	6,084.77	3/4		3/4	5,549.20	3/4	5,000.15	3/4		3/4
5		5	5		5	5		5	5		5	7,462.16	5	6,999.82	5		5	6,537.49	5	6,075.14	5		5	5,537.76	5	4,988.71	5		5
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	7,452.53	1/4	6,990.19	1/4		1/4	6,527.85	1/4	6,065.50	1/4		1/4	5,526.32	1/4	4,977.28	1/4		1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	7,442.89	1/2	6,980.56	1/2		1/2	6,518.22	1/2	6,055.87	1/2		1/2	5,514.88	1/2	4,965.84	1/2		1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	7,433.26	3/4	6,970.93	3/4		3/4	6,508.59	3/4	6,046.24	3/4		3/4	5,503.45	3/4	4,954.40	3/4		3/4
6		6	6		6	6		6	6		6	7,423.63	6	6,961.29	6		6	6,498.96	6	6,036.61	6		6	5,492.01	6	4,942.96	6		6
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	7,414.00	1/4	6,951.66	1/4		1/4	6,489.33	1/4	6,026.97	1/4		1/4	5,480.57	1/4	4,931.52	1/4		1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	7,404.37	1/2	6,942.03	1/2		1/2	6,479.69	1/2	6,016.20	1/2		1/2	5,469.13	1/2	4,920.08	1/2		1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	7,394.73	3/4	6,932.40	3/4		3/4	6,470.06	3/4	6,005.43	3/4		3/4	5,457.69	3/4	4,908.64	3/4		3/4
7		7	7		7	7		7	7		7	7,385.10	7	6,922.77	7		7	6,460.43	7	5,994.66	7		7	5,446.25	7	4,897.21	7		7
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	7,748.70	1/4	7,375.47	1/4		1/4	6,450.80	1/4	5,983.89	1/4		1/4	5,434.82	1/4	4,885.77	1/4		1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	7,747.95	1/2	7,365.84	1/2		1/2	6,441.17	1/2	5,972.44	1/2		1/2	5,423.38	1/2	4,874.33	1/2		1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	7,747.19	3/4	7,356.21	3/4		3/4	6,431.53	3/4	5,961.00	3/4		3/4	5,411.94	3/4	4,862.89	3/4		3/4
8		8	8		8	8		8	8		8	7,746.44	8	7,346.57	8		8	6,421.90	8	5,949.55	8		8	5,400.50	8	4,851.45	8		8
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	7,745.69	1/4	7,336.94	1/4		1/4	6,412.27	1/4	5,938.11	1/4		1/4	5,389.06	1/4	4,840.01	1/4		1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	7,742.64	1/2	7,327.31	1/2		1/2	6,402.64	1/2	5,926.67	1/2		1/2	5,377.62	1/2	4,828.57	1/2		1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	7,739.60	3/4	7,317.68	3/4		3/4	6,393.01	3/4	5,915.23	3/4		3/4	5,366.18	3/4	4,817.14	3/4		3/4
9		9	9		9	9		9	9		9	7,736.55	9	7,308.05	9		9	6,383.37	9	5,903.79	9		9	5,354.75	9	4,805.70	9		9
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	7,733.51	1/4	7,298.41	1/4		1/4	6,373.74	1/4	5,892.36	1/4		1/4	5,343.31	1/4	4,794.26	1/4		1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	7,728.17	1/2	7,288.78	1/2		1/2	6,364.11	1/2	5,880.92	1/2		1/2	5,331.87	1/2	4,782.82	1/2		1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	7,722.84	3/4	7,279.15	3/4		3/4	6,354.48	3/4	5,869.48	3/4		3/4	5,320.43	3/4	4,771.38	3/4		3/4
10		10	10		10	10		10	10		10	7,717.50	10	7,269.52	10		10	6,344.84	10	5,858.04	10		10	5,308.99	10	4,759.94	10		10
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	7,712.17	1/4	7,259.89	1/4		1/4	6,335.21	1/4	5,846.60	1/4		1/4	5,297.55	1/4	4,748.51	1/4		1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	7,704.54	1/2	7,250.25	1/2		1/2	6,325.58	1/2	5,835.16	1/2		1/2	5,286.11	1/2	4,737.07	1/2		1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	7,696.91	3/4	7,240.62	3/4		3/4	6,315.95	3/4	5,823.72	3/4		3/4	5,274.68	3/4	4,725.63	3/4		3/4
11		11	11		11	11		11	11		11	7,689.29	11	7,230.99	11		11	6,306.31	11	5,812.29	11		11	5,263.24	11	4,714.20	11		11
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	7,681.66	1/4	7,221.36	1/4		1/4	6,296.68	1/4	5,800.85	1/4		1/4	5,251.80	1/4	4,702.76	1/4		1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	7,672.50	1/2	7,211.73	1/2		1/2	6,287.05	1/2	5,789.41	1/2		1/2	5,240.36	1/2	4,691.33	1/2		1/2
3/4																													



BARGE "WEB 335"

4 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-07 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	4,668.46	0	4,119.48	0	3,570.35	0	3,021.77	0	2,473.66	0	1,924.68	0	1,377.06	0	829.72	0	279.97	0	
1/4	4,657.02	1/4	4,108.04	1/4	3,558.91	1/4	3,010.36	1/4	2,462.22	1/4	1,913.25	1/4	1,365.70	1/4	818.27	1/4	268.52	1/4	
1/2	4,645.59	1/2	4,096.60	1/2	3,547.47	1/2	2,998.95	1/2	2,450.78	1/2	1,901.81	1/2	1,354.33	1/2	806.81	1/2	257.08	1/2	
3/4	4,634.15	3/4	4,085.16	3/4	3,536.03	3/4	2,987.54	3/4	2,439.34	3/4	1,890.37	3/4	1,342.97	3/4	795.36	3/4	245.64	3/4	
1	4,622.72	1	4,073.72	1	3,524.59	1	2,976.13	1	2,427.91	1	1,878.94	1	1,331.61	1	783.90	1	234.21	1	
1/4	4,611.28	1/4	4,062.28	1/4	3,513.15	1/4	2,964.72	1/4	2,416.47	1/4	1,867.50	1/4	1,320.25	1/4	772.45	1/4	222.77	1/4	
1/2	4,599.85	1/2	4,050.84	1/2	3,501.71	1/2	2,953.32	1/2	2,405.03	1/2	1,856.06	1/2	1,308.88	1/2	761.00	1/2	211.35	1/2	
3/4	4,588.41	3/4	4,039.40	3/4	3,490.27	3/4	2,941.91	3/4	2,393.60	3/4	1,844.63	3/4	1,297.52	3/4	749.54	3/4	199.93	3/4	
2	4,576.98	2	4,027.96	2	3,478.83	2	2,930.50	2	2,382.16	2	1,833.19	2	1,286.16	2	738.09	2	188.52	2	
1/4	4,565.54	1/4	4,016.52	1/4	3,467.39	1/4	2,919.09	1/4	2,370.72	1/4	1,821.75	1/4	1,274.80	1/4	726.64	1/4	177.10	1/4	
1/2	4,554.11	1/2	4,005.08	1/2	3,455.95	1/2	2,907.68	1/2	2,359.29	1/2	1,810.32	1/2	1,263.43	1/2	715.18	1/2	165.71	1/2	
3/4	4,542.67	3/4	3,993.64	3/4	3,444.51	3/4	2,896.27	3/4	2,347.85	3/4	1,798.88	3/4	1,252.07	3/4	703.73	3/4	154.32	3/4	
3	4,531.24	3	3,982.20	3	3,433.07	3	2,884.86	3	2,336.41	3	1,787.44	3	1,240.71	3	692.27	3	142.94	3	
1/4	4,519.80	1/4	3,970.76	1/4	3,421.63	1/4	2,873.45	1/4	2,324.98	1/4	1,776.00	1/4	1,229.34	1/4	680.82	1/4	131.55	1/4	
1/2	4,508.37	1/2	3,959.32	1/2	3,410.19	1/2	2,862.04	1/2	2,313.54	1/2	1,764.57	1/2	1,217.98	1/2	669.37	1/2	120.22	1/2	
3/4	4,496.94	3/4	3,947.88	3/4	3,398.75	3/4	2,850.63	3/4	2,302.10	3/4	1,753.13	3/4	1,206.62	3/4	657.91	3/4	108.89	3/4	
4	4,485.50	4	3,936.44	4	3,387.31	4	2,839.23	4	2,290.67	4	1,741.69	4	1,195.26	4	646.46	4	97.55	4	
1/4	4,474.07	1/4	3,925.00	1/4	3,375.87	1/4	2,827.82	1/4	2,279.23	1/4	1,730.26	1/4	1,183.89	1/4	635.01	1/4	86.22	1/4	
1/2	4,462.63	1/2	3,913.55	1/2	3,364.43	1/2	2,816.41	1/2	2,267.79	1/2	1,718.82	1/2	1,172.53	1/2	623.55	1/2	76.02	1/2	
3/4	4,451.20	3/4	3,902.11	3/4	3,352.99	3/4	2,805.00	3/4	2,256.35	3/4	1,707.38	3/4	1,161.17	3/4	612.10	3/4	65.82	3/4	
5	4,439.76	5	3,890.67	5	3,341.54	5	2,793.59	5	2,244.92	5	1,695.95	5	1,149.81	5	600.65	5	55.62	5	
1/4	4,428.33	1/4	3,879.23	1/4	3,330.10	1/4	2,782.18	1/4	2,233.48	1/4	1,684.51	1/4	1,138.44	1/4	589.19	1/4	45.41	1/4	
1/2	4,416.89	1/2	3,867.79	1/2	3,318.66	1/2	2,770.77	1/2	2,222.04	1/2	1,673.07	1/2	1,127.05	1/2	577.74	1/2	38.26	1/2	
3/4	4,405.46	3/4	3,856.35	3/4	3,307.22	3/4	2,759.36	3/4	2,210.61	3/4	1,661.64	3/4	1,115.65	3/4	566.29	3/4	31.10	3/4	
6	4,394.02	6	3,844.91	6	3,295.78	6	2,747.95	6	2,199.17	6	1,650.20	6	1,104.26	6	554.83	6	23.94	6	
1/4	4,382.59	1/4	3,833.47	1/4	3,284.34	1/4	2,736.55	1/4	2,187.73	1/4	1,638.76	1/4	1,092.86	1/4	543.38	1/4	16.79	1/4	
1/2	4,371.15	1/2	3,822.03	1/2	3,272.90	1/2	2,725.14	1/2	2,176.30	1/2	1,627.33	1/2	1,081.44	1/2	531.93	1/2	13.45	1/2	
3/4	4,359.71	3/4	3,810.59	3/4	3,261.46	3/4	2,713.73	3/4	2,164.86	3/4	1,615.90	3/4	1,070.01	3/4	520.48	3/4	10.10	3/4	
7	4,348.27	7	3,799.15	7	3,250.02	7	2,702.32	7	2,153.42	7	1,604.47	7	1,058.59	7	509.02	7	6.76	7	
1/4	4,336.84	1/4	3,787.71	1/4	3,238.58	1/4	2,690.91	1/4	2,141.99	1/4	1,593.04	1/4	1,047.16	1/4	497.57	1/4	3.42	1/4	
1/2	4,325.40	1/2	3,776.27	1/2	3,227.16	1/2	2,679.49	1/2	2,130.55	1/2	1,581.66	1/2	1,035.73	1/2	486.12	1/2		1/2	
3/4	4,313.96	3/4	3,764.83	3/4	3,215.74	3/4	2,668.06	3/4	2,119.11	3/4	1,570.27	3/4	1,024.29	3/4	474.67	3/4		3/4	
8	4,302.52	8	3,753.39	8	3,204.32	8	2,656.63	8	2,107.67	8	1,558.89	8	1,012.85	8	463.21	8		8	
1/4	4,291.08	1/4	3,741.95	1/4	3,192.90	1/4	2,645.21	1/4	2,096.24	1/4	1,547.50	1/4	1,001.42	1/4	451.76	1/4		1/4	
1/2	4,279.64	1/2	3,730.51	1/2	3,181.49	1/2	2,633.77	1/2	2,084.80	1/2	1,536.14	1/2	989.97	1/2	440.31	1/2		1/2	
3/4	4,268.20	3/4	3,719.07	3/4	3,170.08	3/4	2,622.34	3/4	2,073.36	3/4	1,524.77	3/4	978.53	3/4	428.85	3/4		3/4	
9	4,256.76	9	3,707.63	9	3,158.68	9	2,610.90	9	2,061.93	9	1,513.41	9	967.09	9	417.40	9		9	
1/4	4,245.32	1/4	3,696.19	1/4	3,147.27	1/4	2,599.46	1/4	2,050.49	1/4	1,502.05	1/4	955.65	1/4	405.94	1/4		1/4	
1/2	4,233.88	1/2	3,684.75	1/2	3,135.86	1/2	2,588.02	1/2	2,039.05	1/2	1,490.69	1/2	944.21	1/2	394.49	1/2		1/2	
3/4	4,222.44	3/4	3,673.31	3/4	3,124.45	3/4	2,576.59	3/4	2,027.62	3/4	1,479.32	3/4	932.76	3/4	383.04	3/4		3/4	
10	4,211.00	10	3,661.87	10	3,113.04	10	2,565.15	10	2,016.18	10	1,467.96	10	921.32	10	371.58	10		10	
1/4	4,199.56	1/4	3,650.43	1/4	3,101.63	1/4	2,553.71	1/4	2,004.74	1/4	1,456.60	1/4	909.88	1/4	360.13	1/4		1/4	
1/2	4,188.12	1/2	3,638.99	1/2	3,090.22	1/2	2,542.28	1/2	1,993.31	1/2	1,445.24	1/2	898.43	1/2	348.67	1/2		1/2	
3/4	4,176.68	3/4	3,627.55	3/4	3,078.81	3/4	2,530.84	3/4	1,981.87	3/4	1,433.87	3/4	886.98	3/4	337.22	3/4		3/4	
11	4,165.24	11	3,616.11	11	3,067.40	11	2,519.40	11	1,970.43	11	1,422.51	11	875.53	11	325.77	11		11	
1/4	4,153.80	1/4	3,604.67	1/4	3,056.00	1/4	2,507.97	1/4	1,959.00	1/4	1,411.15	1/4	864.08	1/4	314.31	1/4		1/4	
1/2	4,142.36	1/2	3,593.23	1/2	3,044.59	1/2	2,496.53	1/2	1,947.56	1/2	1,399.78	1/2	852.63	1/2	302.87	1/2		1/2	
3/4	4,130.92	3/4	3,581.79	3/4	3,033.18	3/4	2,485.09	3/4	1,936.12	3/4	1,388.42	3/4	841.17	3/4	291.42	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/07/2013 SW
CALCULATED: 08/07/2013 CL
PRINTED: 08/07/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2013

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



BARGE "WEB 335"

PORT SLOP TANK

INNAGE TABLE GAUGE HEIGHT 3'-11 1/4"

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	711	0	1,422	0	2,134	0		0		0		0		0		0	
1/4	15	1/4	726	1/4	1,437	1/4	2,148	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	30	1/2	741	1/2	1,452	1/2	2,163	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	44	3/4	756	3/4	1,467	3/4	2,178	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	59	1	771	1	1,482	1	2,193	1	1	1	1	1	1	1	1	1	1	1	1
1/4	74	1/4	785	1/4	1,497	1/4	2,208	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	89	1/2	800	1/2	1,511	1/2	2,223	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	104	3/4	815	3/4	1,526	3/4	2,237	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	119	2	830	2	1,541	2	2,252	2	2	2	2	2	2	2	2	2	2	2	2
1/4	133	1/4	845	1/4	1,556	1/4	2,267	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	148	1/2	859	1/2	1,571	1/2	2,282	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163	3/4	874	3/4	1,585	3/4	2,297	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	178	3	889	3	1,600	3	2,311	3	3	3	3	3	3	3	3	3	3	3	3
1/4	193	1/4	904	1/4	1,615	1/4	2,326	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	207	1/2	919	1/2	1,630	1/2	2,341	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	222	3/4	934	3/4	1,645	3/4	2,356	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	237	4	948	4	1,660	4	2,371	4	4	4	4	4	4	4	4	4	4	4	4
1/4	252	1/4	963	1/4	1,674	1/4	2,386	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	267	1/2	978	1/2	1,689	1/2	2,400	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	282	3/4	993	3/4	1,704	3/4	2,415	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	296	5	1,008	5	1,719	5	2,430	5	5	5	5	5	5	5	5	5	5	5	5
1/4	311	1/4	1,022	1/4	1,734	1/4	2,445	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	326	1/2	1,037	1/2	1,748	1/2	2,460	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	341	3/4	1,052	3/4	1,763	3/4	2,474	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	356	6	1,067	6	1,778	6	2,489	6	6	6	6	6	6	6	6	6	6	6	6
1/4	371	1/4	1,082	1/4	1,793	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	385	1/2	1,097	1/2	1,808	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	400	3/4	1,111	3/4	1,823	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	415	7	1,126	7	1,837	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	430	1/4	1,141	1/4	1,852	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	445	1/2	1,156	1/2	1,867	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	459	3/4	1,171	3/4	1,882	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	474	8	1,185	8	1,897	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	489	1/4	1,200	1/4	1,911	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	504	1/2	1,215	1/2	1,926	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	519	3/4	1,230	3/4	1,941	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	534	9	1,245	9	1,956	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	548	1/4	1,260	1/4	1,971	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	563	1/2	1,274	1/2	1,985	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	578	3/4	1,289	3/4	2,000	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	593	10	1,304	10	2,015	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	608	1/4	1,319	1/4	2,030	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	622	1/2	1,334	1/2	2,045	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	637	3/4	1,348	3/4	2,060	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	652	11	1,363	11	2,074	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	667	1/4	1,378	1/4	2,089	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	682	1/2	1,393	1/2	2,104	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	697	3/4	1,408	3/4	2,119	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 OPPOSITE HINGE OF MANWAY.

STRAPPED: 08/07/2013 SW
CALCULATED: 08/07/2013 CL
PRINTED: 08/07/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2013

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



BARGE "WEB 335"

STBD SLOP TANK

INNAGE TABLE GAUGE HEIGHT 3'-11 1/4"

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	711	0	1,422	0	2,134	0		0		0		0		0		0	
1/4	15	1/4	726	1/4	1,437	1/4	2,148	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	30	1/2	741	1/2	1,452	1/2	2,163	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	44	3/4	756	3/4	1,467	3/4	2,178	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	59	1	771	1	1,482	1	2,193	1	1	1	1	1	1	1	1	1	1	1	1
1/4	74	1/4	785	1/4	1,497	1/4	2,208	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	89	1/2	800	1/2	1,511	1/2	2,223	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	104	3/4	815	3/4	1,526	3/4	2,237	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	119	2	830	2	1,541	2	2,252	2	2	2	2	2	2	2	2	2	2	2	2
1/4	133	1/4	845	1/4	1,556	1/4	2,267	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	148	1/2	859	1/2	1,571	1/2	2,282	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163	3/4	874	3/4	1,585	3/4	2,297	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	178	3	889	3	1,600	3	2,311	3	3	3	3	3	3	3	3	3	3	3	3
1/4	193	1/4	904	1/4	1,615	1/4	2,326	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	207	1/2	919	1/2	1,630	1/2	2,341	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	222	3/4	934	3/4	1,645	3/4	2,356	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	237	4	948	4	1,660	4	2,371	4	4	4	4	4	4	4	4	4	4	4	4
1/4	252	1/4	963	1/4	1,674	1/4	2,386	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	267	1/2	978	1/2	1,689	1/2	2,400	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	282	3/4	993	3/4	1,704	3/4	2,415	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	296	5	1,008	5	1,719	5	2,430	5	5	5	5	5	5	5	5	5	5	5	5
1/4	311	1/4	1,022	1/4	1,734	1/4	2,445	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	326	1/2	1,037	1/2	1,748	1/2	2,460	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	341	3/4	1,052	3/4	1,763	3/4	2,474	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	356	6	1,067	6	1,778	6	2,489	6	6	6	6	6	6	6	6	6	6	6	6
1/4	371	1/4	1,082	1/4	1,793	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	385	1/2	1,097	1/2	1,808	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	400	3/4	1,111	3/4	1,823	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	415	7	1,126	7	1,837	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	430	1/4	1,141	1/4	1,852	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	445	1/2	1,156	1/2	1,867	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	459	3/4	1,171	3/4	1,882	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	474	8	1,185	8	1,897	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	489	1/4	1,200	1/4	1,911	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	504	1/2	1,215	1/2	1,926	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	519	3/4	1,230	3/4	1,941	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	534	9	1,245	9	1,956	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	548	1/4	1,260	1/4	1,971	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	563	1/2	1,274	1/2	1,985	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	578	3/4	1,289	3/4	2,000	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	593	10	1,304	10	2,015	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	608	1/4	1,319	1/4	2,030	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	622	1/2	1,334	1/2	2,045	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	637	3/4	1,348	3/4	2,060	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	652	11	1,363	11	2,074	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	667	1/4	1,378	1/4	2,089	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	682	1/2	1,393	1/2	2,104	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	697	3/4	1,408	3/4	2,119	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
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BARGE "WEB 335"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	120	0	300	0	461	0		0		0		0		0		0	
1/4	1	1/4	124	1/4	304	1/4	463	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2	1/2	127	1/2	308	1/2	466	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2	3/4	131	3/4	312	3/4	468	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3	1	134	1	315	1	470	1	1	1	1	1	1	1	1	1	1	1	1
1/4	5	1/4	138	1/4	319	1/4	473	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	6	1/2	142	1/2	323	1/2	475	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	7	3/4	145	3/4	327	3/4	477	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	9	2	149	2	330	2	479	2	2	2	2	2	2	2	2	2	2	2	2
1/4	11	1/4	152	1/4	334	1/4	481	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	13	1/2	156	1/2	338	1/2	483	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	14	3/4	160	3/4	341	3/4	485	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	16	3	163	3	345	3	487	3	3	3	3	3	3	3	3	3	3	3	3
1/4	18	1/4	167	1/4	349	1/4	488	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	20	1/2	171	1/2	352	1/2	490	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	23	3/4	175	3/4	356	3/4	492	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	25	4	178	4	360	4	493	4	4	4	4	4	4	4	4	4	4	4	4
1/4	27	1/4	182	1/4	363	1/4	494	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	30	1/2	186	1/2	367	1/2	495	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	32	3/4	190	3/4	370	3/4	496	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	34	5	193	5	374	5	497	5	5	5	5	5	5	5	5	5	5	5	5
1/4	37	1/4	197	1/4	377	1/4	498	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	40	1/2	201	1/2	381	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	42	3/4	205	3/4	384	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	45	6	209	6	388	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	48	1/4	212	1/4	391	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	50	1/2	216	1/2	394	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53	3/4	220	3/4	398	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	56	7	224	7	401	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	59	1/4	228	1/4	404	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62	1/2	232	1/2	408	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65	3/4	235	3/4	411	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	68	8	239	8	414	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	71	1/4	243	1/4	417	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74	1/2	247	1/2	420	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77	3/4	251	3/4	424	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	80	9	255	9	427	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	83	1/4	258	1/4	430	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	87	1/2	262	1/2	433	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	90	3/4	266	3/4	436	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	93	10	270	10	439	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	96	1/4	274	1/4	442	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	100	1/2	278	1/2	444	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	103	3/4	281	3/4	447	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	107	11	285	11	450	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	110	1/4	289	1/4	453	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113	1/2	293	1/2	455	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	117	3/4	297	3/4	458	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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