



BARGE "WEB 283"

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

(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 PORT IS - 00-1/4"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 241'-06"

February 23, 2020

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

<http://www.pmacorp.net>



BARGE "WEB 283"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/2"

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	5,031.66	0	4,676.20	0	4,319.84	0	3,963.48	0	3,606.43	0	3,249.27	0	2,892.11	0	2,534.94	0	2,177.78	
1/4	1/4	5,024.33	1/4	4,668.78	1/4	4,312.41	1/4	3,956.05	1/4	3,598.99	1/4	3,241.83	1/4	2,884.67	1/4	2,527.50	1/4	2,170.34	
1/2	1/2	5,017.00	1/2	4,661.35	1/2	4,304.99	1/2	3,948.63	1/2	3,591.55	1/2	3,234.39	1/2	2,877.23	1/2	2,520.06	1/2	2,162.90	
3/4	3/4	5,009.66	3/4	4,653.93	3/4	4,297.57	3/4	3,941.20	3/4	3,584.11	3/4	3,226.95	3/4	2,869.78	3/4	2,512.62	3/4	2,155.46	
1	1	5,002.32	1	4,646.50	1	4,290.14	1	3,933.78	1	3,576.67	1	3,219.51	1	2,862.34	1	2,505.18	1	2,148.02	
1/4	1/4	4,994.98	1/4	4,639.08	1/4	4,282.72	1/4	3,926.36	1/4	3,569.23	1/4	3,212.07	1/4	2,854.90	1/4	2,497.74	1/4	2,140.58	
1/2	1/2	4,987.64	1/2	4,631.65	1/2	4,275.29	1/2	3,918.93	1/2	3,561.79	1/2	3,204.63	1/2	2,847.46	1/2	2,490.30	1/2	2,133.14	
3/4	3/4	4,980.29	3/4	4,624.23	3/4	4,267.87	3/4	3,911.50	3/4	3,554.36	3/4	3,197.18	3/4	2,840.02	3/4	2,482.86	3/4	2,125.69	
2	2	4,972.95	2	4,616.81	2	4,260.44	2	3,904.06	2	3,546.91	2	3,189.74	2	2,832.58	2	2,475.42	2	2,118.26	
1/4	1/4	4,965.60	1/4	4,609.38	1/4	4,253.02	1/4	3,896.62	1/4	3,539.47	1/4	3,182.30	1/4	2,825.14	1/4	2,467.98	1/4	2,110.81	
1/2	1/2	4,958.26	1/2	4,601.96	1/2	4,245.60	1/2	3,889.19	1/2	3,532.02	1/2	3,174.86	1/2	2,817.70	1/2	2,460.54	1/2	2,103.37	
3/4	3/4	4,950.85	3/4	4,594.53	3/4	4,238.17	3/4	3,881.75	3/4	3,524.58	3/4	3,167.42	3/4	2,810.26	3/4	2,453.09	3/4	2,095.93	
3	3	4,943.44	3	4,587.11	3	4,230.76	3	3,874.31	3	3,517.14	3	3,159.98	3	2,802.82	3	2,445.65	3	2,088.49	
1/4	1/4	4,936.03	1/4	4,579.68	1/4	4,223.32	1/4	3,866.87	1/4	3,509.70	1/4	3,152.54	1/4	2,795.38	1/4	2,438.21	1/4	2,081.05	
1/2	1/2	4,928.62	1/2	4,572.26	1/2	4,215.90	1/2	3,859.42	1/2	3,502.26	1/2	3,145.10	1/2	2,787.93	1/2	2,430.77	1/2	2,073.61	
3/4	3/4	4,921.20	3/4	4,564.84	3/4	4,208.47	3/4	3,851.98	3/4	3,494.82	3/4	3,137.66	3/4	2,780.49	3/4	2,423.33	3/4	2,066.17	
4	4	4,913.77	4	4,557.41	4	4,201.05	4	3,844.54	4	3,487.38	4	3,130.22	4	2,773.05	4	2,415.89	4	2,058.73	
1/4	1/4	4,906.35	1/4	4,549.99	1/4	4,193.63	1/4	3,837.10	1/4	3,479.94	1/4	3,122.78	1/4	2,765.61	1/4	2,408.45	1/4	2,051.29	
1/2	1/2	4,898.93	1/2	4,542.56	1/2	4,186.20	1/2	3,829.66	1/2	3,472.50	1/2	3,115.33	1/2	2,758.17	1/2	2,401.01	1/2	2,043.85	
3/4	3/4	4,891.50	3/4	4,535.14	3/4	4,178.78	3/4	3,822.22	3/4	3,465.06	3/4	3,107.89	3/4	2,750.73	3/4	2,393.57	3/4	2,036.42	
5	5	4,884.08	5	4,527.72	5	4,171.35	5	3,814.78	5	3,457.62	5	3,100.45	5	2,743.29	5	2,386.13	5	2,028.98	
1/4	1/4	4,876.65	1/4	4,520.29	1/4	4,163.93	1/4	3,807.34	1/4	3,450.17	1/4	3,093.01	1/4	2,735.85	1/4	2,378.69	1/4	2,021.54	
1/2	5,191.80	4,869.23	1/2	4,512.87	1/2	4,156.51	1/2	3,799.90	1/2	3,442.73	1/2	3,085.57	1/2	2,728.41	1/2	2,371.24	1/2	2,014.11	
3/4	5,187.91	4,861.80	3/4	4,505.44	3/4	4,149.08	3/4	3,792.46	3/4	3,435.29	3/4	3,078.13	3/4	2,720.97	3/4	2,363.80	3/4	2,006.67	
6	5,184.01	6	4,854.38	6	4,498.02	6	4,141.66	6	3,785.02	6	3,427.86	6	3,070.69	6	2,713.53	6	2,356.36	6	1,999.23
1/4	5,180.12	1/4	4,846.96	1/4	4,490.59	1/4	4,134.23	1/4	3,777.57	1/4	3,420.41	1/4	3,063.25	1/4	2,706.08	1/4	2,348.92	1/4	1,991.80
1/2	5,176.22	1/2	4,839.53	1/2	4,483.17	1/2	4,126.81	1/2	3,770.13	1/2	3,412.97	1/2	3,055.81	1/2	2,698.64	1/2	2,341.48	1/2	1,984.36
3/4	5,171.26	3/4	4,832.11	3/4	4,475.75	3/4	4,119.38	3/4	3,762.69	3/4	3,405.53	3/4	3,048.37	3/4	2,691.20	3/4	2,334.04	3/4	1,976.92
7	5,166.31	7	4,824.68	7	4,468.32	7	4,111.96	7	3,755.25	7	3,398.09	7	3,040.93	7	2,683.76	7	2,326.60	7	1,969.48
1/4	5,161.35	1/4	4,817.26	1/4	4,460.90	1/4	4,104.54	1/4	3,747.81	1/4	3,390.65	1/4	3,033.48	1/4	2,676.32	1/4	2,319.16	1/4	1,962.04
1/2	5,156.39	1/2	4,809.84	1/2	4,453.47	1/2	4,097.11	1/2	3,740.37	1/2	3,383.21	1/2	3,026.04	1/2	2,668.88	1/2	2,311.72	1/2	1,954.60
3/4	5,150.37	3/4	4,802.41	3/4	4,446.05	3/4	4,089.69	3/4	3,732.93	3/4	3,375.77	3/4	3,018.60	3/4	2,661.44	3/4	2,304.28	3/4	1,947.16
8	5,144.35	8	4,794.99	8	4,438.63	8	4,082.26	8	3,725.49	8	3,368.32	8	3,011.16	8	2,654.00	8	2,296.84	8	1,939.72
1/4	5,138.33	1/4	4,787.56	1/4	4,431.20	1/4	4,074.84	1/4	3,718.05	1/4	3,360.88	1/4	3,003.72	1/4	2,646.56	1/4	2,289.39	1/4	1,932.28
1/2	5,132.30	1/2	4,780.14	1/2	4,423.78	1/2	4,067.42	1/2	3,710.61	1/2	3,353.44	1/2	2,996.28	1/2	2,639.12	1/2	2,281.95	1/2	1,924.84
3/4	5,125.36	3/4	4,772.71	3/4	4,416.35	3/4	4,059.99	3/4	3,703.17	3/4	3,346.00	3/4	2,988.84	3/4	2,631.68	3/4	2,274.51	3/4	1,917.39
9	5,118.42	9	4,765.29	9	4,408.93	9	4,052.57	9	3,695.72	9	3,338.56	9	2,981.40	9	2,624.23	9	2,267.07	9	1,909.95
1/4	5,111.48	1/4	4,757.87	1/4	4,401.50	1/4	4,045.14	1/4	3,688.28	1/4	3,331.12	1/4	2,973.96	1/4	2,616.79	1/4	2,259.63	1/4	1,902.51
1/2	5,104.54	1/2	4,750.44	1/2	4,394.08	1/2	4,037.72	1/2	3,680.84	1/2	3,323.68	1/2	2,966.52	1/2	2,609.35	1/2	2,252.19	1/2	1,895.07
3/4	5,097.29	3/4	4,743.02	3/4	4,386.66	3/4	4,030.29	3/4	3,673.40	3/4	3,316.24	3/4	2,959.08	3/4	2,601.91	3/4	2,244.75	3/4	1,887.63
10	5,090.04	10	4,735.59	10	4,379.23	10	4,022.87	10	3,665.96	10	3,308.80	10	2,951.63	10	2,594.47	10	2,237.31	10	1,880.19
1/4	5,082.78	1/4	4,728.17	1/4	4,371.81	1/4	4,015.45	1/4	3,658.52	1/4	3,301.36	1/4	2,944.19	1/4	2,587.03	1/4	2,229.87	1/4	1,872.75
1/2	5,075.53	1/2	4,720.74	1/2	4,364.38	1/2	4,008.02	1/2	3,651.08	1/2	3,293.92	1/2	2,936.75	1/2	2,579.59	1/2	2,222.43	1/2	1,865.31
3/4	5,068.22	3/4	4,713.32	3/4	4,356.96	3/4	4,000.60	3/4	3,643.64	3/4	3,286.48	3/4	2,929.31	3/4	2,572.15	3/4	2,214.99	3/4	1,857.87
11	5,060.92	11	4,705.90	11	4,349.53	11	3,993.17	11	3,636.20	11	3,279.03	11	2,921.87	11	2,564.71	11	2,207.54	11	1,850.43
1/4	5,053.61	1/4	4,698.47	1/4	4,342.11	1/4	3,985.75	1/4	3,628.76	1/4	3,271.59	1/4	2,914.43	1/4	2,557.27	1/4	2,200.10	1/4	1,842.99
1/2	5,046.31	1/2	4,691.05	1/2	4,334.69	1/2	3,978.32	1/2	3,621.32	1/2	3,264.15	1/2	2,906.99	1/2	2,549.83	1/2	2,192.66	1/2	1,835.54
3/4	5,038.98	3/4	4,683.62	3/4	4,327.26	3/4	3,970.90	3/4	3,613.87	3/4	3,256.71	3/4	2,899.55	3/4	2,542.39	3/4	2,185.22	3/4	1,828.10

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 AT 10" DIAMETER HATCH
 GAUGE POINT: (10" HATCH) LOCATED 10'-08" OFF CENTERLINE AND 45'-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 283"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,820.66	0	1,464.42	0	1,107.14	0	755.20	0	408.85	0	98.68	0		0		0		0	
1/4	1,813.22	1/4	1,456.98	1/4	1,099.70	1/4	747.89	1/4	401.96	1/4	92.77	1/4		1/4		1/4		1/4	
1/2	1,805.78	1/2	1,449.53	1/2	1,092.26	1/2	740.58	1/2	395.07	1/2	86.87	1/2		1/2		1/2		1/2	
3/4	1,798.34	3/4	1,442.09	3/4	1,084.81	3/4	733.28	3/4	388.21	3/4	81.08	3/4		3/4		3/4		3/4	
1	1,790.90	1	1,434.65	1	1,077.37	1	725.97	1	381.35	1	75.29	1		1		1		1	
1/4	1,783.46	1/4	1,427.20	1/4	1,069.93	1/4	718.67	1/4	374.49	1/4	69.50	1/4		1/4		1/4		1/4	
1/2	1,776.02	1/2	1,419.76	1/2	1,062.48	1/2	711.36	1/2	367.63	1/2	63.71	1/2		1/2		1/2		1/2	
3/4	1,768.58	3/4	1,412.32	3/4	1,055.12	3/4	704.06	3/4	360.85	3/4	58.43	3/4		3/4		3/4		3/4	
2	1,761.14	2	1,404.87	2	1,047.76	2	696.75	2	354.08	2	53.15	2		2		2		2	
1/4	1,753.69	1/4	1,397.43	1/4	1,040.39	1/4	689.44	1/4	347.31	1/4	47.87	1/4		1/4		1/4		1/4	
1/2	1,746.25	1/2	1,389.99	1/2	1,033.03	1/2	682.14	1/2	340.53	1/2	42.69	1/2		1/2		1/2		1/2	
3/4	1,738.81	3/4	1,382.55	3/4	1,025.70	3/4	674.82	3/4	333.84	3/4	38.57	3/4		3/4		3/4		3/4	
3	1,731.37	3	1,375.10	3	1,018.37	3	667.51	3	327.15	3	34.55	3		3		3		3	
1/4	1,723.93	1/4	1,367.66	1/4	1,011.04	1/4	660.19	1/4	320.46	1/4	30.53	1/4		1/4		1/4		1/4	
1/2	1,716.49	1/2	1,360.22	1/2	1,003.71	1/2	652.88	1/2	313.78	1/2	26.51	1/2		1/2		1/2		1/2	
3/4	1,709.08	3/4	1,352.77	3/4	996.40	3/4	645.46	3/4	307.17	3/4	23.72	3/4		3/4		3/4		3/4	
4	1,701.67	4	1,345.33	4	989.08	4	638.05	4	300.56	4	20.92	4		4		4		4	
1/4	1,694.25	1/4	1,337.89	1/4	981.76	1/4	630.64	1/4	293.95	1/4	18.13	1/4		1/4		1/4		1/4	
1/2	1,686.84	1/2	1,330.44	1/2	974.44	1/2	623.23	1/2	287.34	1/2	15.34	1/2		1/2		1/2		1/2	
3/4	1,679.44	3/4	1,323.00	3/4	967.13	3/4	615.94	3/4	280.81	3/4		3/4		3/4		3/4		3/4	
5	1,672.04	5	1,315.56	5	959.82	5	608.65	5	274.28	5		5		5		5		5	
1/4	1,664.64	1/4	1,308.11	1/4	952.50	1/4	601.36	1/4	267.75	1/4		1/4		1/4		1/4		1/4	
1/2	1,657.24	1/2	1,300.67	1/2	945.19	1/2	594.07	1/2	261.23	1/2		1/2		1/2		1/2		1/2	
3/4	1,649.83	3/4	1,293.23	3/4	937.88	3/4	586.84	3/4	254.63	3/4		3/4		3/4		3/4		3/4	
6	1,642.43	6	1,285.78	6	930.57	6	579.60	6	248.04	6		6		6		6		6	
1/4	1,635.03	1/4	1,278.34	1/4	923.26	1/4	572.37	1/4	241.44	1/4		1/4		1/4		1/4		1/4	
1/2	1,627.63	1/2	1,270.90	1/2	915.95	1/2	565.13	1/2	234.84	1/2		1/2		1/2		1/2		1/2	
3/4	1,620.23	3/4	1,263.46	3/4	908.65	3/4	557.90	3/4	228.36	3/4		3/4		3/4		3/4		3/4	
7	1,612.82	7	1,256.01	7	901.34	7	550.67	7	221.87	7		7		7		7		7	
1/4	1,605.42	1/4	1,248.57	1/4	894.03	1/4	543.44	1/4	215.38	1/4		1/4		1/4		1/4		1/4	
1/2	1,598.02	1/2	1,241.13	1/2	886.72	1/2	536.20	1/2	208.90	1/2		1/2		1/2		1/2		1/2	
3/4	1,590.62	3/4	1,233.68	3/4	879.41	3/4	528.98	3/4	202.59	3/4		3/4		3/4		3/4		3/4	
8	1,583.22	8	1,226.24	8	872.10	8	521.75	8	196.29	8		8		8		8		8	
1/4	1,575.81	1/4	1,218.80	1/4	864.79	1/4	514.53	1/4	189.99	1/4		1/4		1/4		1/4		1/4	
1/2	1,568.41	1/2	1,211.35	1/2	857.49	1/2	507.30	1/2	183.68	1/2		1/2		1/2		1/2		1/2	
3/4	1,561.01	3/4	1,203.91	3/4	850.18	3/4	500.12	3/4	177.49	3/4		3/4		3/4		3/4		3/4	
9	1,553.61	9	1,196.47	9	842.87	9	492.93	9	171.30	9		9		9		9		9	
1/4	1,546.21	1/4	1,189.02	1/4	835.56	1/4	485.75	1/4	165.11	1/4		1/4		1/4		1/4		1/4	
1/2	1,538.81	1/2	1,181.58	1/2	828.25	1/2	478.57	1/2	158.91	1/2		1/2		1/2		1/2		1/2	
3/4	1,531.37	3/4	1,174.14	3/4	820.95	3/4	471.46	3/4	152.81	3/4		3/4		3/4		3/4		3/4	
10	1,523.94	10	1,166.69	10	813.64	10	464.35	10	146.71	10		10		10		10		10	
1/4	1,516.51	1/4	1,159.25	1/4	806.33	1/4	457.24	1/4	140.61	1/4		1/4		1/4		1/4		1/4	
1/2	1,509.07	1/2	1,151.80	1/2	799.03	1/2	450.13	1/2	134.51	1/2		1/2		1/2		1/2		1/2	
3/4	1,501.63	3/4	1,144.36	3/4	791.72	3/4	443.26	3/4	128.50	3/4		3/4		3/4		3/4		3/4	
11	1,494.19	11	1,136.92	11	784.42	11	436.38	11	122.50	11		11		11		11		11	
1/4	1,486.75	1/4	1,129.47	1/4	777.11	1/4	429.51	1/4	116.49	1/4		1/4		1/4		1/4		1/4	
1/2	1,479.30	1/2	1,122.03	1/2	769.81	1/2	422.64	1/2	110.49	1/2		1/2		1/2		1/2		1/2	
3/4	1,471.86	3/4	1,114.59	3/4	762.50	3/4	415.74	3/4	104.58	3/4		3/4		3/4		3/4		3/4	

STRAPPED: 02/21/2020 CL
CALCULATED: 02/22/2020 CL
PRINTED: 02/23/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2020

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 283"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0	5,039.69	0	4,684.03	0	4,327.46	0	3,970.88	0	3,613.64	0	3,256.26	0	2,898.89	0	2,541.51	0	2,184.14
1/4		1/4	5,032.36	1/4	4,676.60	1/4	4,320.03	1/4	3,963.46	1/4	3,606.19	1/4	3,248.82	1/4	2,891.44	1/4	2,534.07	1/4	2,176.69
1/2		1/2	5,025.03	1/2	4,669.17	1/2	4,312.60	1/2	3,956.03	1/2	3,598.75	1/2	3,241.37	1/2	2,884.00	1/2	2,526.62	1/2	2,169.25
3/4		3/4	5,017.69	3/4	4,661.74	3/4	4,305.17	3/4	3,948.60	3/4	3,591.30	3/4	3,233.93	3/4	2,876.55	3/4	2,519.18	3/4	2,161.80
1		1	5,010.34	1	4,654.32	1	4,297.74	1	3,941.17	1	3,583.86	1	3,226.48	1	2,869.11	1	2,511.73	1	2,154.36
1/4		1/4	5,003.00	1/4	4,646.89	1/4	4,290.31	1/4	3,933.74	1/4	3,576.41	1/4	3,219.04	1/4	2,861.66	1/4	2,504.29	1/4	2,146.91
1/2		1/2	4,995.65	1/2	4,639.46	1/2	4,282.89	1/2	3,926.31	1/2	3,568.97	1/2	3,211.59	1/2	2,854.22	1/2	2,496.84	1/2	2,139.47
3/4		3/4	4,988.30	3/4	4,632.03	3/4	4,275.46	3/4	3,918.87	3/4	3,561.52	3/4	3,204.15	3/4	2,846.77	3/4	2,489.40	3/4	2,132.02
2		2	4,980.95	2	4,624.60	2	4,268.03	2	3,911.44	2	3,554.08	2	3,196.70	2	2,839.33	2	2,481.95	2	2,124.58
1/4		1/4	4,973.60	1/4	4,617.17	1/4	4,260.60	1/4	3,904.00	1/4	3,546.63	1/4	3,189.26	1/4	2,831.88	1/4	2,474.51	1/4	2,117.13
1/2		1/2	4,966.25	1/2	4,609.74	1/2	4,253.17	1/2	3,896.56	1/2	3,539.18	1/2	3,181.81	1/2	2,824.44	1/2	2,467.06	1/2	2,109.69
3/4		3/4	4,958.84	3/4	4,602.32	3/4	4,245.74	3/4	3,889.11	3/4	3,531.74	3/4	3,174.36	3/4	2,816.99	3/4	2,459.62	3/4	2,102.24
3		3	4,951.42	3	4,594.89	3	4,238.31	3	3,881.67	3	3,524.29	3	3,166.92	3	2,809.55	3	2,452.17	3	2,094.80
1/4		1/4	4,944.01	1/4	4,587.46	1/4	4,230.89	1/4	3,874.22	1/4	3,516.85	1/4	3,159.47	1/4	2,802.10	1/4	2,444.73	1/4	2,087.35
1/2		1/2	4,936.60	1/2	4,580.03	1/2	4,223.46	1/2	3,866.78	1/2	3,509.40	1/2	3,152.03	1/2	2,794.65	1/2	2,437.28	1/2	2,079.91
3/4		3/4	4,929.17	3/4	4,572.60	3/4	4,216.03	3/4	3,859.33	3/4	3,501.96	3/4	3,144.58	3/4	2,787.21	3/4	2,429.83	3/4	2,072.46
4		4	4,921.74	4	4,565.17	4	4,208.60	4	3,851.89	4	3,494.51	4	3,137.14	4	2,779.76	4	2,422.39	4	2,065.02
1/4		1/4	4,914.32	1/4	4,557.74	1/4	4,201.17	1/4	3,844.44	1/4	3,487.07	1/4	3,129.69	1/4	2,772.32	1/4	2,414.94	1/4	2,057.58
1/2		1/2	4,906.89	1/2	4,550.31	1/2	4,193.74	1/2	3,837.00	1/2	3,479.62	1/2	3,122.25	1/2	2,764.87	1/2	2,407.50	1/2	2,050.13
3/4		3/4	4,899.46	3/4	4,542.89	3/4	4,186.31	3/4	3,829.55	3/4	3,472.18	3/4	3,114.80	3/4	2,757.43	3/4	2,400.05	3/4	2,042.69
5		5	4,892.03	5	4,535.46	5	4,178.88	5	3,822.11	5	3,464.73	5	3,107.36	5	2,749.98	5	2,392.61	5	2,035.25
1/4		1/4	4,884.60	1/4	4,528.03	1/4	4,171.46	1/4	3,814.66	1/4	3,457.29	1/4	3,099.91	1/4	2,742.54	1/4	2,385.16	1/4	2,027.81
1/2	5,199.94	1/2	4,877.17	1/2	4,520.60	1/2	4,164.03	1/2	3,807.22	1/2	3,449.84	1/2	3,092.47	1/2	2,735.09	1/2	2,377.72	1/2	2,020.37
3/4	5,196.04	3/4	4,869.74	3/4	4,513.17	3/4	4,156.60	3/4	3,799.77	3/4	3,442.40	3/4	3,085.02	3/4	2,727.65	3/4	2,370.27	3/4	2,012.93
6	5,192.15	6	4,862.32	6	4,505.74	6	4,149.17	6	3,792.32	6	3,434.95	6	3,077.58	6	2,720.20	6	2,362.83	6	2,005.49
1/4	5,188.25	1/4	4,854.89	1/4	4,498.31	1/4	4,141.74	1/4	3,784.88	1/4	3,427.50	1/4	3,070.13	1/4	2,712.76	1/4	2,355.38	1/4	1,998.05
1/2	5,184.35	1/2	4,847.46	1/2	4,490.89	1/2	4,134.31	1/2	3,777.43	1/2	3,420.06	1/2	3,062.69	1/2	2,705.31	1/2	2,347.94	1/2	1,990.60
3/4	5,179.39	3/4	4,840.03	3/4	4,483.46	3/4	4,126.88	3/4	3,769.99	3/4	3,412.61	3/4	3,055.24	3/4	2,697.87	3/4	2,340.49	3/4	1,983.16
7	5,174.43	7	4,832.60	7	4,476.03	7	4,119.46	7	3,762.54	7	3,405.17	7	3,047.79	7	2,690.42	7	2,333.05	7	1,975.71
1/4	5,169.47	1/4	4,825.17	1/4	4,468.60	1/4	4,112.03	1/4	3,755.10	1/4	3,397.72	1/4	3,040.35	1/4	2,682.98	1/4	2,325.60	1/4	1,968.27
1/2	5,164.50	1/2	4,817.74	1/2	4,461.17	1/2	4,104.60	1/2	3,747.65	1/2	3,390.28	1/2	3,032.90	1/2	2,675.53	1/2	2,318.16	1/2	1,960.82
3/4	5,158.48	3/4	4,810.32	3/4	4,453.74	3/4	4,097.17	3/4	3,740.21	3/4	3,382.83	3/4	3,025.46	3/4	2,668.08	3/4	2,310.71	3/4	1,953.38
8	5,152.45	8	4,802.89	8	4,446.31	8	4,089.74	8	3,732.76	8	3,375.39	8	3,018.01	8	2,660.64	8	2,303.26	8	1,945.93
1/4	5,146.43	1/4	4,795.46	1/4	4,438.89	1/4	4,082.31	1/4	3,725.32	1/4	3,367.94	1/4	3,010.57	1/4	2,653.19	1/4	2,295.82	1/4	1,938.49
1/2	5,140.40	1/2	4,788.03	1/2	4,431.46	1/2	4,074.88	1/2	3,717.87	1/2	3,360.50	1/2	3,003.12	1/2	2,645.75	1/2	2,288.37	1/2	1,931.04
3/4	5,133.46	3/4	4,780.60	3/4	4,424.03	3/4	4,067.46	3/4	3,710.43	3/4	3,353.05	3/4	2,995.68	3/4	2,638.30	3/4	2,280.93	3/4	1,923.60
9	5,126.51	9	4,773.17	9	4,416.60	9	4,060.03	9	3,702.98	9	3,345.61	9	2,988.23	9	2,630.86	9	2,273.48	9	1,916.15
1/4	5,119.57	1/4	4,765.74	1/4	4,409.17	1/4	4,052.60	1/4	3,695.54	1/4	3,338.16	1/4	2,980.79	1/4	2,623.41	1/4	2,266.04	1/4	1,908.71
1/2	5,112.63	1/2	4,758.32	1/2	4,401.74	1/2	4,045.17	1/2	3,688.09	1/2	3,330.72	1/2	2,973.34	1/2	2,615.97	1/2	2,258.59	1/2	1,901.26
3/4	5,105.37	3/4	4,750.89	3/4	4,394.31	3/4	4,037.74	3/4	3,680.65	3/4	3,323.27	3/4	2,965.90	3/4	2,608.52	3/4	2,251.15	3/4	1,893.82
10	5,098.11	10	4,743.46	10	4,386.89	10	4,030.31	10	3,673.20	10	3,315.83	10	2,958.45	10	2,601.08	10	2,243.70	10	1,886.37
1/4	5,090.85	1/4	4,736.03	1/4	4,379.46	1/4	4,022.88	1/4	3,665.75	1/4	3,308.38	1/4	2,951.01	1/4	2,593.63	1/4	2,236.26	1/4	1,878.93
1/2	5,083.60	1/2	4,728.60	1/2	4,372.03	1/2	4,015.46	1/2	3,658.31	1/2	3,300.93	1/2	2,943.56	1/2	2,586.19	1/2	2,228.81	1/2	1,871.48
3/4	5,076.29	3/4	4,721.17	3/4	4,364.60	3/4	4,008.03	3/4	3,650.86	3/4	3,293.49	3/4	2,936.12	3/4	2,578.74	3/4	2,221.37	3/4	1,864.04
11	5,068.98	11	4,713.74	11	4,357.17	11	4,000.60	11	3,643.42	11	3,286.04	11	2,928.67	11	2,571.30	11	2,213.92	11	1,856.59
1/4	5,061.67	1/4	4,706.32	1/4	4,349.74	1/4	3,993.17	1/4	3,635.97	1/4	3,278.60	1/4	2,921.22	1/4	2,563.85	1/4	2,206.48	1/4	1,849.15
1/2	5,054.35	1/2	4,698.89	1/2	4,342.31	1/2	3,985.74	1/2	3,628.53	1/2	3,271.15	1/2	2,913.78	1/2	2,556.40	1/2	2,199.03	1/2	1,841.70
3/4	5,047.02	3/4	4,691.46	3/4	4,334.89	3/4	3,978.31	3/4	3,621.08	3/4	3,263.71	3/4	2,906.33	3/4	2,548.96	3/4	2,191.59	3/4	1,834.26

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 AT 10" DIAMETER HATCH
 GAUGE POINT: (10" HATCH) LOCATED 10'-08" OFF CENTERLINE AND 45'-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 283"

1 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/2"

10 FT.			11 FT.			12 FT.			13 FT.			14 FT.			15 FT.			16 FT.			17 FT.			18 FT.			19 FT.					
IN			IN			IN			IN			IN			IN			IN			IN			IN			IN			IN		
0	1,826.81		0	1,470.42		0	1,113.54		0	757.07		0	408.99		0	98.71		0														
1/4	1,819.36		1/4	1,462.97		1/4	1,106.10		1/4	749.66		1/4	402.09		1/4	92.80		1/4														
1/2	1,811.92		1/2	1,455.53		1/2	1,098.65		1/2	742.24		1/2	395.20		1/2	86.90		1/2														
3/4	1,804.47		3/4	1,448.08		3/4	1,091.20		3/4	734.83		3/4	388.34		3/4	81.10		3/4														
1	1,797.03		1	1,440.63		1	1,083.76		1	727.41		1	381.47		1	75.31		1														
1/4	1,789.58		1/4	1,433.19		1/4	1,076.31		1/4	720.00		1/4	374.61		1/4	69.52		1/4														
1/2	1,782.14		1/2	1,425.74		1/2	1,068.86		1/2	712.58		1/2	367.75		1/2	63.73		1/2														
3/4	1,774.69		3/4	1,418.30		3/4	1,061.42		3/4	705.16		3/4	360.97		3/4	58.45		3/4														
2	1,767.25		2	1,410.85		2	1,053.97		2	697.75		2	354.20		2	53.17		2														
1/4	1,759.80		1/4	1,403.41		1/4	1,046.52		1/4	690.33		1/4	347.42		1/4	47.89		1/4														
1/2	1,752.36		1/2	1,395.96		1/2	1,039.08		1/2	682.92		1/2	340.64		1/2	42.61		1/2														
3/4	1,744.91		3/4	1,388.51		3/4	1,031.64		3/4	675.49		3/4	333.95		3/4	38.58		3/4														
3	1,737.47		3	1,381.07		3	1,024.20		3	668.07		3	327.26		3	34.56		3														
1/4	1,730.02		1/4	1,373.62		1/4	1,016.76		1/4	660.64		1/4	320.57		1/4	30.54		1/4														
1/2	1,722.58		1/2	1,366.18		1/2	1,009.32		1/2	653.22		1/2	313.88		1/2	26.52		1/2														
3/4	1,715.16		3/4	1,358.73		3/4	1,001.90		3/4	645.77		3/4	307.27		3/4	23.73		3/4														
4	1,707.75		4	1,351.29		4	994.47		4	638.33		4	300.65		4	20.93		4														
1/4	1,700.33		1/4	1,343.84		1/4	987.04		1/4	630.89		1/4	294.04		1/4	18.14		1/4														
1/2	1,692.92		1/2	1,336.39		1/2	979.61		1/2	623.45		1/2	287.43		1/2	15.34		1/2														
3/4	1,685.51		3/4	1,328.97		3/4	972.19		3/4	616.16		3/4	280.90		3/4			3/4														
5	1,678.11		5	1,321.55		5	964.77		5	608.86		5	274.37		5			5														
1/4	1,670.71		1/4	1,314.13		1/4	957.35		1/4	601.57		1/4	267.84		1/4			1/4														
1/2	1,663.30		1/2	1,306.71		1/2	949.92		1/2	594.28		1/2	261.31		1/2			1/2														
3/4	1,655.90		3/4	1,299.30		3/4	942.50		3/4	587.04		3/4	254.71		3/4			3/4														
6	1,648.49		6	1,291.89		6	935.08		6	579.81		6	248.11		6			6														
1/4	1,641.09		1/4	1,284.47		1/4	927.67		1/4	572.57		1/4	241.52		1/4			1/4														
1/2	1,633.68		1/2	1,277.06		1/2	920.25		1/2	565.33		1/2	234.92		1/2			1/2														
3/4	1,626.28		3/4	1,269.65		3/4	912.83		3/4	558.10		3/4	228.43		3/4			3/4														
7	1,618.87		7	1,262.24		7	905.41		7	550.86		7	221.94		7			7														
1/4	1,611.47		1/4	1,254.82		1/4	897.99		1/4	543.63		1/4	215.45		1/4			1/4														
1/2	1,604.06		1/2	1,247.41		1/2	890.57		1/2	536.39		1/2	208.96		1/2			1/2														
3/4	1,596.66		3/4	1,240.00		3/4	883.16		3/4	529.16		3/4	202.66		3/4			3/4														
8	1,589.26		8	1,232.58		8	875.74		8	521.93		8	196.35		8			8														
1/4	1,581.85		1/4	1,225.17		1/4	868.32		1/4	514.71		1/4	190.04		1/4			1/4														
1/2	1,574.45		1/2	1,217.76		1/2	860.90		1/2	507.48		1/2	183.74		1/2			1/2														
3/4	1,567.04		3/4	1,210.32		3/4	853.48		3/4	500.29		3/4	177.55		3/4			3/4														
9	1,559.64		9	1,202.88		9	846.06		9	493.10		9	171.35		9			9														
1/4	1,552.23		1/4	1,195.45		1/4	838.65		1/4	485.92		1/4	165.16		1/4			1/4														
1/2	1,544.83		1/2	1,188.01		1/2	831.23		1/2	478.73		1/2	158.96		1/2			1/2														
3/4	1,537.39		3/4	1,180.56		3/4	823.81		3/4	471.62		3/4	152.86		3/4			3/4														
10	1,529.96		10	1,173.11		10	816.40		10	464.51		10	146.76		10			10														
1/4	1,522.52		1/4	1,165.67		1/4	808.98		1/4	457.40		1/4	140.65		1/4			1/4														
1/2	1,515.09		1/2	1,158.22		1/2	801.56		1/2	450.29		1/2	134.55		1/2			1/2														
3/4	1,507.64		3/4	1,150.78		3/4	794.15		3/4	443.41		3/4	128.54		3/4			3/4														
11	1,500.20		11	1,143.33		11	786.73		11	436.53		11	122.54		11			11														
1/4	1,492.75		1/4	1,135.88		1/4	779.32		1/4	429.66		1/4	116.53		1/4			1/4														
1/2	1,485.31		1/2	1,128.44		1/2	771.90		1/2	422.78		1/2	110.52		1/2			1/2														
3/4	1,477.86		3/4	1,120.99		3/4	764.49		3/4	415.88		3/4	104.61		3/4			3/4														

STRAPPED: 02/21/2020 CL
CALCULATED: 02/22/2020 CL
PRINTED: 02/23/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2020

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 283"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0	5,104.54	0	4,747.52	0	4,389.58	0	4,031.64	0	3,673.03	0	3,314.29	0	2,955.54	0	2,596.80	0	2,238.06
1/4		1/4	5,097.18	1/4	4,740.06	1/4	4,382.12	1/4	4,024.18	1/4	3,665.55	1/4	3,306.81	1/4	2,948.07	1/4	2,589.33	1/4	2,230.58
1/2		1/2	5,089.82	1/2	4,732.60	1/2	4,374.66	1/2	4,016.72	1/2	3,658.08	1/2	3,299.34	1/2	2,940.60	1/2	2,581.85	1/2	2,223.11
3/4		3/4	5,082.45	3/4	4,725.15	3/4	4,367.21	3/4	4,009.26	3/4	3,650.61	3/4	3,291.86	3/4	2,933.12	3/4	2,574.38	3/4	2,215.64
1		1	5,075.07	1	4,717.69	1	4,359.75	1	4,001.81	1	3,643.13	1	3,284.39	1	2,925.65	1	2,566.91	1	2,208.16
1/4		1/4	5,067.70	1/4	4,710.23	1/4	4,352.29	1/4	3,994.35	1/4	3,635.66	1/4	3,276.92	1/4	2,918.17	1/4	2,559.43	1/4	2,200.69
1/2		1/2	5,060.33	1/2	4,702.77	1/2	4,344.83	1/2	3,986.89	1/2	3,628.19	1/2	3,269.44	1/2	2,910.70	1/2	2,551.96	1/2	2,193.22
3/4		3/4	5,052.95	3/4	4,695.32	3/4	4,337.38	3/4	3,979.43	3/4	3,620.71	3/4	3,261.97	3/4	2,903.23	3/4	2,544.48	3/4	2,185.74
2		2	5,045.57	2	4,687.86	2	4,329.92	2	3,971.96	2	3,613.24	2	3,254.50	2	2,895.75	2	2,537.01	2	2,178.27
1/4		1/4	5,038.19	1/4	4,680.40	1/4	4,322.46	1/4	3,964.50	1/4	3,605.76	1/4	3,247.02	1/4	2,888.28	1/4	2,529.54	1/4	2,170.79
1/2		1/2	5,030.81	1/2	4,672.95	1/2	4,315.01	1/2	3,957.03	1/2	3,598.29	1/2	3,239.55	1/2	2,880.81	1/2	2,522.06	1/2	2,163.32
3/4		3/4	5,023.37	3/4	4,665.49	3/4	4,307.55	3/4	3,949.56	3/4	3,590.82	3/4	3,232.07	3/4	2,873.33	3/4	2,514.59	3/4	2,155.85
3		3	5,015.93	3	4,658.03	3	4,300.09	3	3,942.09	3	3,583.34	3	3,224.60	3	2,865.86	3	2,507.12	3	2,148.37
1/4		1/4	5,008.50	1/4	4,650.58	1/4	4,292.63	1/4	3,934.61	1/4	3,575.87	1/4	3,217.13	1/4	2,858.38	1/4	2,499.64	1/4	2,140.90
1/2		1/2	5,001.06	1/2	4,643.12	1/2	4,285.18	1/2	3,927.14	1/2	3,568.40	1/2	3,209.65	1/2	2,850.91	1/2	2,492.17	1/2	2,133.43
3/4		3/4	4,993.60	3/4	4,635.66	3/4	4,277.72	3/4	3,919.66	3/4	3,560.92	3/4	3,202.18	3/4	2,843.44	3/4	2,484.69	3/4	2,125.95
4		4	4,986.14	4	4,628.20	4	4,270.26	4	3,912.19	4	3,553.45	4	3,194.71	4	2,835.96	4	2,477.22	4	2,118.48
1/4		1/4	4,978.69	1/4	4,620.75	1/4	4,262.81	1/4	3,904.72	1/4	3,545.97	1/4	3,187.23	1/4	2,828.49	1/4	2,469.75	1/4	2,111.01
1/2		1/2	4,971.23	1/2	4,613.29	1/2	4,255.35	1/2	3,897.24	1/2	3,538.50	1/2	3,179.76	1/2	2,821.02	1/2	2,462.27	1/2	2,103.54
3/4		3/4	4,963.77	3/4	4,605.83	3/4	4,247.89	3/4	3,889.77	3/4	3,531.03	3/4	3,172.28	3/4	2,813.54	3/4	2,454.80	3/4	2,096.07
5		5	4,956.32	5	4,598.38	5	4,240.43	5	3,882.29	5	3,523.55	5	3,164.81	5	2,806.07	5	2,447.33	5	2,088.60
1/4		1/4	4,948.86	1/4	4,590.92	1/4	4,232.98	1/4	3,874.82	1/4	3,516.08	1/4	3,157.34	1/4	2,798.59	1/4	2,439.85	1/4	2,081.13
1/2	5,265.40	1/2	4,941.40	1/2	4,583.46	1/2	4,225.52	1/2	3,867.35	1/2	3,508.60	1/2	3,149.86	1/2	2,791.12	1/2	2,432.38	1/2	2,073.66
3/4	5,261.49	3/4	4,933.94	3/4	4,576.00	3/4	4,218.06	3/4	3,859.87	3/4	3,501.13	3/4	3,142.39	3/4	2,783.65	3/4	2,424.90	3/4	2,066.19
6	5,257.58	6	4,926.49	6	4,568.55	6	4,210.61	6	3,852.40	6	3,493.66	6	3,134.91	6	2,776.17	6	2,417.43	6	2,058.72
1/4	5,253.67	1/4	4,919.03	1/4	4,561.09	1/4	4,203.15	1/4	3,844.93	1/4	3,486.18	1/4	3,127.44	1/4	2,768.70	1/4	2,409.96	1/4	2,051.25
1/2	5,249.75	1/2	4,911.57	1/2	4,553.63	1/2	4,195.69	1/2	3,837.45	1/2	3,478.71	1/2	3,119.97	1/2	2,761.22	1/2	2,402.48	1/2	2,043.78
3/4	5,244.77	3/4	4,904.12	3/4	4,546.18	3/4	4,188.23	3/4	3,829.98	3/4	3,471.24	3/4	3,112.49	3/4	2,753.75	3/4	2,395.01	3/4	2,036.31
7	5,239.79	7	4,896.66	7	4,538.72	7	4,180.78	7	3,822.50	7	3,463.76	7	3,105.02	7	2,746.28	7	2,387.53	7	2,028.84
1/4	5,234.81	1/4	4,889.20	1/4	4,531.26	1/4	4,173.32	1/4	3,815.03	1/4	3,456.29	1/4	3,097.55	1/4	2,738.80	1/4	2,380.06	1/4	2,021.36
1/2	5,229.83	1/2	4,881.75	1/2	4,523.80	1/2	4,165.86	1/2	3,807.56	1/2	3,448.81	1/2	3,090.07	1/2	2,731.33	1/2	2,372.59	1/2	2,013.89
3/4	5,223.78	3/4	4,874.29	3/4	4,516.35	3/4	4,158.41	3/4	3,800.08	3/4	3,441.34	3/4	3,082.60	3/4	2,723.86	3/4	2,365.11	3/4	2,006.42
8	5,217.73	8	4,866.83	8	4,508.89	8	4,150.95	8	3,792.61	8	3,433.87	8	3,075.12	8	2,716.38	8	2,357.64	8	1,998.94
1/4	5,211.68	1/4	4,859.37	1/4	4,501.43	1/4	4,143.49	1/4	3,785.14	1/4	3,426.39	1/4	3,067.65	1/4	2,708.91	1/4	2,350.17	1/4	1,991.47
1/2	5,205.64	1/2	4,851.92	1/2	4,493.98	1/2	4,136.04	1/2	3,777.66	1/2	3,418.92	1/2	3,060.18	1/2	2,701.43	1/2	2,342.69	1/2	1,984.00
3/4	5,198.66	3/4	4,844.46	3/4	4,486.52	3/4	4,128.58	3/4	3,770.19	3/4	3,411.45	3/4	3,052.70	3/4	2,693.96	3/4	2,335.22	3/4	1,976.52
9	5,191.69	9	4,837.00	9	4,479.06	9	4,121.12	9	3,762.71	9	3,403.97	9	3,045.23	9	2,686.49	9	2,327.74	9	1,969.05
1/4	5,184.72	1/4	4,829.55	1/4	4,471.60	1/4	4,113.66	1/4	3,755.24	1/4	3,396.50	1/4	3,037.76	1/4	2,679.01	1/4	2,320.27	1/4	1,961.58
1/2	5,177.75	1/2	4,822.09	1/2	4,464.15	1/2	4,106.21	1/2	3,747.77	1/2	3,389.02	1/2	3,030.28	1/2	2,671.54	1/2	2,312.80	1/2	1,954.10
3/4	5,170.47	3/4	4,814.63	3/4	4,456.69	3/4	4,098.75	3/4	3,740.29	3/4	3,381.55	3/4	3,022.81	3/4	2,664.07	3/4	2,305.32	3/4	1,946.63
10	5,163.18	10	4,807.17	10	4,449.23	10	4,091.29	10	3,732.82	10	3,374.08	10	3,015.33	10	2,656.59	10	2,297.85	10	1,939.15
1/4	5,155.90	1/4	4,799.72	1/4	4,441.78	1/4	4,083.84	1/4	3,725.35	1/4	3,366.60	1/4	3,007.86	1/4	2,649.12	1/4	2,290.38	1/4	1,931.68
1/2	5,148.61	1/2	4,792.26	1/2	4,434.32	1/2	4,076.38	1/2	3,717.87	1/2	3,359.13	1/2	3,000.39	1/2	2,641.64	1/2	2,282.90	1/2	1,924.21
3/4	5,141.27	3/4	4,784.80	3/4	4,426.86	3/4	4,068.92	3/4	3,710.40	3/4	3,351.66	3/4	2,992.91	3/4	2,634.17	3/4	2,275.43	3/4	1,916.73
11	5,133.93	11	4,777.35	11	4,419.41	11	4,061.46	11	3,702.92	11	3,344.18	11	2,985.44	11	2,626.70	11	2,267.95	11	1,909.26
1/4	5,126.59	1/4	4,769.89	1/4	4,411.95	1/4	4,054.01	1/4	3,695.45	1/4	3,336.71	1/4	2,977.97	1/4	2,619.22	1/4	2,260.48	1/4	1,901.79
1/2	5,119.26	1/2	4,762.43	1/2	4,404.49	1/2	4,046.55	1/2	3,687.98	1/2	3,329.23	1/2	2,970.49	1/2	2,611.75	1/2	2,253.01	1/2	1,894.31
3/4	5,111.90	3/4	4,754.97	3/4	4,397.03	3/4	4,039.09	3/4	3,680.50	3/4	3,321.76	3/4	2,963.02	3/4	2,604.28	3/4	2,245.53	3/4	1,886.84

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 AT 10" DIAMETER HATCH
 GAUGE POINT: (10" HATCH) LOCATED 10'-08" OFF CENTERLINE AND 45'-09" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "WEB 283"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/2"

10 FT.			11 FT.			12 FT.			13 FT.			14 FT.			15 FT.			16 FT.			17 FT.			18 FT.			19 FT.					
IN			IN			IN			IN			IN			IN			IN			IN			IN			IN			IN		
0	1,879.36		0	1,524.83		0	1,165.86		0	821.70		0	475.13		0	125.63		0		0		0		0		0		0		0		
1/4	1,871.89		1/4	1,517.16		1/4	1,158.39		1/4	814.59		1/4	467.92		1/4	118.41		1/4		1/4		1/4		1/4		1/4		1/4		1/4		
1/2	1,864.42		1/2	1,509.68		1/2	1,150.91		1/2	807.48		1/2	460.71		1/2	111.18		1/2		1/2		1/2		1/2		1/2		1/2		1/2		
3/4	1,856.94		3/4	1,502.21		3/4	1,143.44		3/4	800.37		3/4	453.44		3/4	103.99		3/4		3/4		3/4		3/4		3/4		3/4		3/4		
1	1,849.47		1	1,494.73		1	1,135.96		1	793.26		1	446.18		1	96.80		1		1		1		1		1		1		1		
1/4	1,841.99		1/4	1,487.26		1/4	1,128.49		1/4	786.15		1/4	438.91		1/4	89.61		1/4		1/4		1/4		1/4		1/4		1/4		1/4		
1/2	1,834.52		1/2	1,479.79		1/2	1,121.02		1/2	779.04		1/2	431.65		1/2	82.42		1/2		1/2		1/2		1/2		1/2		1/2		1/2		
3/4	1,827.05		3/4	1,472.31		3/4	1,113.79		3/4	771.93		3/4	424.39		3/4	75.66		3/4		3/4		3/4		3/4		3/4		3/4		3/4		
2	1,819.57		2	1,464.84		2	1,106.57		2	764.82		2	417.13		2	68.90		2		2		2		2		2		2		2		
1/4	1,812.10		1/4	1,457.36		1/4	1,099.34		1/4	757.71		1/4	409.87		1/4	62.14		1/4		1/4		1/4		1/4		1/4		1/4		1/4		
1/2	1,804.63		1/2	1,449.89		1/2	1,092.12		1/2	750.59		1/2	402.61		1/2	55.38		1/2		1/2		1/2		1/2		1/2		1/2		1/2		
3/4	1,797.15		3/4	1,442.41		3/4	1,084.98		3/4	743.47		3/4	395.35		3/4	49.80		3/4		3/4		3/4		3/4		3/4		3/4		3/4		
3	1,789.68		3	1,434.94		3	1,077.85		3	736.35		3	388.09		3	44.22		3		3		3		3		3		3		3		
1/4	1,782.20		1/4	1,427.47		1/4	1,070.72		1/4	729.23		1/4	380.83		1/4	38.64		1/4		1/4		1/4		1/4		1/4		1/4		1/4		
1/2	1,774.73		1/2	1,419.99		1/2	1,063.58		1/2	722.11		1/2	373.57		1/2	33.06		1/2		1/2		1/2		1/2		1/2		1/2		1/2		
3/4	1,767.26		3/4	1,412.52		3/4	1,056.46		3/4	714.72		3/4	366.31		3/4	28.95		3/4		3/4		3/4		3/4		3/4		3/4		3/4		
4	1,759.78		4	1,405.04		4	1,049.34		4	707.34		4	359.04		4	24.84		4		4		4		4		4		4		4		
1/4	1,752.31		1/4	1,397.57		1/4	1,042.21		1/4	699.95		1/4	351.78		1/4	20.73		1/4		1/4		1/4		1/4		1/4		1/4		1/4		
1/2	1,744.84		1/2	1,390.09		1/2	1,035.09		1/2	692.56		1/2	344.52		1/2	16.62		1/2		1/2		1/2		1/2		1/2		1/2		1/2		
3/4	1,737.49		3/4	1,382.62		3/4	1,027.97		3/4	685.24		3/4	337.25		3/4			3/4		3/4		3/4		3/4		3/4		3/4		3/4		
5	1,730.14		5	1,375.15		5	1,020.86		5	677.93		5	329.99		5			5		5		5		5		5		5		5		
1/4	1,722.79		1/4	1,367.67		1/4	1,013.74		1/4	670.61		1/4	322.72		1/4			1/4		1/4		1/4		1/4		1/4		1/4		1/4		
1/2	1,715.44		1/2	1,360.20		1/2	1,006.62		1/2	663.29		1/2	315.46		1/2			1/2		1/2		1/2		1/2		1/2		1/2		1/2		
3/4	1,708.13		3/4	1,352.72		3/4	999.51		3/4	656.02		3/4	308.05		3/4			3/4		3/4		3/4		3/4		3/4		3/4		3/4		
6	1,700.83		6	1,345.25		6	992.39		6	648.76		6	300.63		6			6		6		6		6		6		6		6		
1/4	1,693.52		1/4	1,337.78		1/4	985.28		1/4	641.49		1/4	293.22		1/4			1/4		1/4		1/4		1/4		1/4		1/4		1/4		
1/2	1,686.21		1/2	1,330.30		1/2	978.16		1/2	634.23		1/2	285.80		1/2			1/2		1/2		1/2		1/2		1/2		1/2		1/2		
3/4	1,678.91		3/4	1,322.83		3/4	971.05		3/4	626.96		3/4	278.41		3/4			3/4		3/4		3/4		3/4		3/4		3/4		3/4		
7	1,671.60		7	1,315.35		7	963.94		7	619.70		7	271.02		7			7		7		7		7		7		7		7		
1/4	1,664.29		1/4	1,307.88		1/4	956.82		1/4	612.44		1/4	263.63		1/4			1/4		1/4		1/4		1/4		1/4		1/4		1/4		
1/2	1,656.99		1/2	1,300.40		1/2	949.71		1/2	605.17		1/2	256.24		1/2			1/2		1/2		1/2		1/2		1/2		1/2		1/2		
3/4	1,649.68		3/4	1,292.93		3/4	942.60		3/4	597.91		3/4	248.95		3/4			3/4		3/4		3/4		3/4		3/4		3/4		3/4		
8	1,642.37		8	1,285.45		8	935.48		8	590.65		8	241.66		8			8		8		8		8		8		8		8		
1/4	1,635.07		1/4	1,277.98		1/4	928.37		1/4	583.38		1/4	234.37		1/4			1/4		1/4		1/4		1/4		1/4		1/4		1/4		
1/2	1,627.76		1/2	1,270.51		1/2	921.26		1/2	576.12		1/2	227.08		1/2			1/2		1/2		1/2		1/2		1/2		1/2		1/2		
3/4	1,620.45		3/4	1,263.03		3/4	914.14		3/4	568.86		3/4	219.82		3/4			3/4		3/4		3/4		3/4		3/4		3/4		3/4		
9	1,613.15		9	1,255.56		9	907.03		9	561.59		9	212.56		9			9		9		9		9		9		9		9		
1/4	1,605.84		1/4	1,248.08		1/4	899.92		1/4	554.33		1/4	205.30		1/4			1/4		1/4		1/4		1/4		1/4		1/4		1/4		
1/2	1,598.53		1/2	1,240.61		1/2	892.80		1/2	547.07		1/2	198.04		1/2			1/2		1/2		1/2		1/2		1/2		1/2		1/2		
3/4	1,591.23		3/4	1,233.13		3/4	885.69		3/4	539.80		3/4	190.79		3/4			3/4		3/4		3/4		3/4		3/4		3/4		3/4		
10	1,583.92		10	1,225.66		10	878.58		10	532.54		10	183.54		10			10		10		10		10		10		10		10		
1/4	1,576.61		1/4	1,218.18		1/4	871.47		1/4	525.27		1/4	176.28		1/4			1/4		1/4		1/4		1/4		1/4		1/4		1/4		
1/2	1,569.30		1/2	1,210.71		1/2	864.36		1/2	518.01		1/2	169.03		1/2			1/2		1/2		1/2		1/2		1/2		1/2		1/2		
3/4	1,561.87		3/4	1,203.23		3/4	857.25		3/4	510.90		3/4	161.79		3/4			3/4		3/4		3/4		3/4		3/4		3/4		3/4		
11	1,554.44		11	1,195.76		11	850.14		11	503.79		11	154.55		11			11		11		11		11		11		11		11		
1/4	1,547.01		1/4	1,188.29		1/4	843.03		1/4	496.67		1/4	147.31		1/4			1/4		1/4		1/4		1/4		1/4		1/4		1/4		
1/2	1,539.58		1/2	1,180.81		1/2	835.92		1/2	489.56		1/2	140.07		1/2			1/2		1/2		1/2		1/2		1/2		1/2		1/2		
3/4	1,532.10		3/4	1,173.34		3/4	828.81		3/4	482.35		3/4	132.85		3/4			3/4		3/4		3/4		3/4		3/4		3/4		3/4		

STRAPPED: 02/21/2020 CL
CALCULATED: 02/22/2020 CL
PRINTED: 02/23/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2020

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 283"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0	5,116.79	0	4,760.09	0	4,402.46	0	4,044.84	0	3,686.52	0	3,328.10	0	2,969.69	0	2,611.27	0	2,252.86
1/4		1/4	5,109.44	1/4	4,752.64	1/4	4,395.01	1/4	4,037.39	1/4	3,679.05	1/4	3,320.64	1/4	2,962.22	1/4	2,603.81	1/4	2,245.39
1/2		1/2	5,102.09	1/2	4,745.19	1/2	4,387.56	1/2	4,029.94	1/2	3,671.59	1/2	3,313.17	1/2	2,954.75	1/2	2,596.34	1/2	2,237.92
3/4		3/4	5,094.72	3/4	4,737.74	3/4	4,380.11	3/4	4,022.49	3/4	3,664.12	3/4	3,305.70	3/4	2,947.29	3/4	2,588.87	3/4	2,230.46
1		1	5,087.36	1	4,730.29	1	4,372.66	1	4,015.04	1	3,656.65	1	3,298.24	1	2,939.82	1	2,581.40	1	2,222.99
1/4		1/4	5,079.99	1/4	4,722.84	1/4	4,365.21	1/4	4,007.59	1/4	3,649.19	1/4	3,290.77	1/4	2,932.35	1/4	2,573.94	1/4	2,215.52
1/2		1/2	5,072.62	1/2	4,715.38	1/2	4,357.76	1/2	4,000.14	1/2	3,641.72	1/2	3,283.30	1/2	2,924.89	1/2	2,566.47	1/2	2,208.05
3/4		3/4	5,065.25	3/4	4,707.93	3/4	4,350.31	3/4	3,992.67	3/4	3,634.25	3/4	3,275.84	3/4	2,917.42	3/4	2,559.00	3/4	2,200.59
2		2	5,057.87	2	4,700.48	2	4,342.86	2	3,985.20	2	3,626.78	2	3,268.37	2	2,909.95	2	2,551.54	2	2,193.12
1/4		1/4	5,050.50	1/4	4,693.03	1/4	4,335.41	1/4	3,977.73	1/4	3,619.31	1/4	3,260.90	1/4	2,902.49	1/4	2,544.07	1/4	2,185.65
1/2		1/2	5,043.13	1/2	4,685.58	1/2	4,327.96	1/2	3,970.27	1/2	3,611.85	1/2	3,253.43	1/2	2,895.02	1/2	2,536.60	1/2	2,178.19
3/4		3/4	5,035.70	3/4	4,678.13	3/4	4,320.51	3/4	3,962.80	3/4	3,604.38	3/4	3,245.97	3/4	2,887.55	3/4	2,529.14	3/4	2,170.72
3		3	5,028.27	3	4,670.68	3	4,313.06	3	3,955.33	3	3,596.92	3	3,238.50	3	2,880.08	3	2,521.67	3	2,163.25
1/4		1/4	5,020.84	1/4	4,663.23	1/4	4,305.61	1/4	3,947.87	1/4	3,589.45	1/4	3,231.03	1/4	2,872.62	1/4	2,514.20	1/4	2,155.79
1/2		1/2	5,013.40	1/2	4,655.78	1/2	4,298.16	1/2	3,940.40	1/2	3,581.98	1/2	3,223.57	1/2	2,865.15	1/2	2,506.73	1/2	2,148.32
3/4		3/4	5,005.95	3/4	4,648.33	3/4	4,290.71	3/4	3,932.93	3/4	3,574.52	3/4	3,216.10	3/4	2,857.68	3/4	2,499.27	3/4	2,140.85
4		4	4,998.50	4	4,640.88	4	4,283.26	4	3,925.46	4	3,567.05	4	3,208.63	4	2,850.22	4	2,491.80	4	2,133.39
1/4		1/4	4,991.05	1/4	4,633.43	1/4	4,275.81	1/4	3,918.00	1/4	3,559.58	1/4	3,201.17	1/4	2,842.75	1/4	2,484.33	1/4	2,125.92
1/2		1/2	4,983.60	1/2	4,625.98	1/2	4,268.35	1/2	3,910.53	1/2	3,552.11	1/2	3,193.70	1/2	2,835.28	1/2	2,476.87	1/2	2,118.46
3/4		3/4	4,976.15	3/4	4,618.53	3/4	4,260.90	3/4	3,903.06	3/4	3,544.65	3/4	3,186.23	3/4	2,827.82	3/4	2,469.40	3/4	2,111.00
5		5	4,968.70	5	4,611.08	5	4,253.45	5	3,895.60	5	3,537.18	5	3,178.76	5	2,820.35	5	2,461.93	5	2,103.53
1/4		1/4	4,961.25	1/4	4,603.63	1/4	4,246.00	1/4	3,888.13	1/4	3,529.71	1/4	3,171.30	1/4	2,812.88	1/4	2,454.47	1/4	2,096.07
1/2	5,277.52	1/2	4,953.80	1/2	4,596.18	1/2	4,238.55	1/2	3,880.66	1/2	3,522.25	1/2	3,163.83	1/2	2,805.41	1/2	2,447.00	1/2	2,088.61
3/4	5,273.61	3/4	4,946.35	3/4	4,588.73	3/4	4,231.10	3/4	3,873.20	3/4	3,514.78	3/4	3,156.36	3/4	2,797.95	3/4	2,439.53	3/4	2,081.15
6	5,269.70	6	4,938.90	6	4,581.28	6	4,223.65	6	3,865.73	6	3,507.31	6	3,148.90	6	2,790.48	6	2,432.06	6	2,073.68
1/4	5,265.79	1/4	4,931.45	1/4	4,573.83	1/4	4,216.20	1/4	3,858.26	1/4	3,499.85	1/4	3,141.43	1/4	2,783.01	1/4	2,424.60	1/4	2,066.22
1/2	5,261.88	1/2	4,924.00	1/2	4,566.37	1/2	4,208.75	1/2	3,850.79	1/2	3,492.38	1/2	3,133.96	1/2	2,775.55	1/2	2,417.13	1/2	2,058.75
3/4	5,256.91	3/4	4,916.55	3/4	4,558.92	3/4	4,201.30	3/4	3,843.33	3/4	3,484.91	3/4	3,126.50	3/4	2,768.08	3/4	2,409.66	3/4	2,051.29
7	5,251.93	7	4,909.10	7	4,551.47	7	4,193.85	7	3,835.86	7	3,477.44	7	3,119.03	7	2,760.61	7	2,402.20	7	2,043.82
1/4	5,246.95	1/4	4,901.65	1/4	4,544.02	1/4	4,186.40	1/4	3,828.39	1/4	3,469.98	1/4	3,111.56	1/4	2,753.15	1/4	2,394.73	1/4	2,036.35
1/2	5,241.98	1/2	4,894.20	1/2	4,536.57	1/2	4,178.95	1/2	3,820.93	1/2	3,462.51	1/2	3,104.09	1/2	2,745.68	1/2	2,387.26	1/2	2,028.89
3/4	5,235.93	3/4	4,886.75	3/4	4,529.12	3/4	4,171.50	3/4	3,813.46	3/4	3,455.04	3/4	3,096.63	3/4	2,738.21	3/4	2,379.80	3/4	2,021.42
8	5,229.89	8	4,879.30	8	4,521.67	8	4,164.05	8	3,805.99	8	3,447.58	8	3,089.16	8	2,730.74	8	2,372.33	8	2,013.95
1/4	5,223.85	1/4	4,871.85	1/4	4,514.22	1/4	4,156.60	1/4	3,798.53	1/4	3,440.11	1/4	3,081.69	1/4	2,723.28	1/4	2,364.86	1/4	2,006.49
1/2	5,217.80	1/2	4,864.39	1/2	4,506.77	1/2	4,149.15	1/2	3,791.06	1/2	3,432.64	1/2	3,074.23	1/2	2,715.81	1/2	2,357.39	1/2	1,999.02
3/4	5,210.84	3/4	4,856.94	3/4	4,499.32	3/4	4,141.70	3/4	3,783.59	3/4	3,425.18	3/4	3,066.76	3/4	2,708.34	3/4	2,349.93	3/4	1,991.55
9	5,203.87	9	4,849.49	9	4,491.87	9	4,134.25	9	3,776.12	9	3,417.71	9	3,059.29	9	2,700.88	9	2,342.46	9	1,984.08
1/4	5,196.91	1/4	4,842.04	1/4	4,484.42	1/4	4,126.80	1/4	3,768.66	1/4	3,410.24	1/4	3,051.83	1/4	2,693.41	1/4	2,334.99	1/4	1,976.62
1/2	5,189.94	1/2	4,834.59	1/2	4,476.97	1/2	4,119.34	1/2	3,761.19	1/2	3,402.77	1/2	3,044.36	1/2	2,685.94	1/2	2,327.53	1/2	1,969.15
3/4	5,182.66	3/4	4,827.14	3/4	4,469.52	3/4	4,111.89	3/4	3,753.72	3/4	3,395.31	3/4	3,036.89	3/4	2,678.48	3/4	2,320.06	3/4	1,961.68
10	5,175.39	10	4,819.69	10	4,462.07	10	4,104.44	10	3,746.26	10	3,387.84	10	3,029.42	10	2,671.01	10	2,312.59	10	1,954.22
1/4	5,168.11	1/4	4,812.24	1/4	4,454.62	1/4	4,096.99	1/4	3,738.79	1/4	3,380.37	1/4	3,021.96	1/4	2,663.54	1/4	2,305.13	1/4	1,946.75
1/2	5,160.83	1/2	4,804.79	1/2	4,447.17	1/2	4,089.54	1/2	3,731.32	1/2	3,372.91	1/2	3,014.49	1/2	2,656.07	1/2	2,297.66	1/2	1,939.28
3/4	5,153.50	3/4	4,797.34	3/4	4,439.72	3/4	4,082.09	3/4	3,723.86	3/4	3,365.44	3/4	3,007.02	3/4	2,648.61	3/4	2,290.19	3/4	1,931.82
11	5,146.16	11	4,789.89	11	4,432.27	11	4,074.64	11	3,716.39	11	3,357.97	11	2,999.56	11	2,641.14	11	2,282.72	11	1,924.35
1/4	5,138.83	1/4	4,782.44	1/4	4,424.82	1/4	4,067.19	1/4	3,708.92	1/4	3,350.51	1/4	2,992.09	1/4	2,633.67	1/4	2,275.26	1/4	1,916.88
1/2	5,131.50	1/2	4,774.99	1/2	4,417.36	1/2	4,059.74	1/2	3,701.45	1/2	3,343.04	1/2	2,984.62	1/2	2,626.21	1/2	2,267.79	1/2	1,909.41
3/4	5,124.15	3/4	4,767.54	3/4	4,409.91	3/4	4,052.29	3/4	3,693.99	3/4	3,335.57	3/4	2,977.16	3/4	2,618.74	3/4	2,260.32	3/4	1,901.95

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 AT 10" DIAMETER HATCH
 GAUGE POINT: (10" HATCH) LOCATED 10'-08" OFF CENTERLINE AND 45'-09" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "WEB 283"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,894.48	0	1,540.02	0	1,183.46	0	825.96	0	474.71	0	125.52	0		0		0		0	
1/4	1,887.01	1/4	1,532.57	1/4	1,175.99	1/4	818.53	1/4	467.51	1/4	118.30	1/4		1/4		1/4		1/4	
1/2	1,879.55	1/2	1,525.13	1/2	1,168.52	1/2	811.09	1/2	460.30	1/2	111.09	1/2		1/2		1/2		1/2	
3/4	1,872.08	3/4	1,517.66	3/4	1,161.06	3/4	803.65	3/4	453.04	3/4	103.90	3/4		3/4		3/4		3/4	
1	1,864.61	1	1,510.19	1	1,153.59	1	796.22	1	445.78	1	96.72	1		1		1		1	
1/4	1,867.15	1/4	1,502.73	1/4	1,146.12	1/4	788.78	1/4	438.53	1/4	89.53	1/4		1/4		1/4		1/4	
1/2	1,849.68	1/2	1,495.26	1/2	1,138.65	1/2	781.34	1/2	431.27	1/2	82.35	1/2		1/2		1/2		1/2	
3/4	1,842.21	3/4	1,487.79	3/4	1,131.19	3/4	773.91	3/4	424.01	3/4	75.59	3/4		3/4		3/4		3/4	
2	1,834.74	2	1,480.32	2	1,123.72	2	766.47	2	416.76	2	68.84	2		2		2		2	
1/4	1,827.28	1/4	1,472.86	1/4	1,116.25	1/4	759.03	1/4	409.51	1/4	62.08	1/4		1/4		1/4		1/4	
1/2	1,819.81	1/2	1,465.39	1/2	1,108.78	1/2	751.60	1/2	402.25	1/2	55.33	1/2		1/2		1/2		1/2	
3/4	1,812.34	3/4	1,457.92	3/4	1,101.32	3/4	744.15	3/4	395.00	3/4	49.76	3/4		3/4		3/4		3/4	
3	1,804.88	3	1,450.45	3	1,093.86	3	736.70	3	387.74	3	44.18	3		3		3		3	
1/4	1,797.41	1/4	1,442.99	1/4	1,086.40	1/4	729.25	1/4	380.49	1/4	38.61	1/4		1/4		1/4		1/4	
1/2	1,789.94	1/2	1,435.52	1/2	1,078.94	1/2	721.81	1/2	373.24	1/2	33.03	1/2		1/2		1/2		1/2	
3/4	1,782.48	3/4	1,428.05	3/4	1,071.49	3/4	714.34	3/4	365.98	3/4	28.93	3/4		3/4		3/4		3/4	
4	1,775.01	4	1,420.58	4	1,064.04	4	706.88	4	358.73	4	24.82	4		4		4		4	
1/4	1,767.54	1/4	1,413.12	1/4	1,056.59	1/4	699.42	1/4	351.47	1/4	20.71	1/4		1/4		1/4		1/4	
1/2	1,760.07	1/2	1,405.65	1/2	1,049.15	1/2	691.95	1/2	344.21	1/2	16.60	1/2		1/2		1/2		1/2	
3/4	1,752.67	3/4	1,398.22	3/4	1,041.70	3/4	684.64	3/4	336.95	3/4		3/4		3/4		3/4		3/4	
5	1,745.27	5	1,390.80	5	1,034.26	5	677.33	5	329.70	5	5	5		5		5		5	
1/4	1,737.86	1/4	1,383.37	1/4	1,026.81	1/4	670.01	1/4	322.44	1/4		1/4		1/4		1/4		1/4	
1/2	1,730.46	1/2	1,375.95	1/2	1,019.37	1/2	662.70	1/2	315.18	1/2		1/2		1/2		1/2		1/2	
3/4	1,723.13	3/4	1,368.58	3/4	1,011.93	3/4	655.44	3/4	307.77	3/4		3/4		3/4		3/4		3/4	
6	1,715.81	6	1,361.22	6	1,004.49	6	648.18	6	300.36	6	6	6		6		6		6	
1/4	1,708.49	1/4	1,353.85	1/4	997.05	1/4	640.93	1/4	292.96	1/4		1/4		1/4		1/4		1/4	
1/2	1,701.17	1/2	1,346.48	1/2	989.61	1/2	633.67	1/2	285.55	1/2		1/2		1/2		1/2		1/2	
3/4	1,693.87	3/4	1,339.13	3/4	982.17	3/4	626.41	3/4	278.16	3/4		3/4		3/4		3/4		3/4	
7	1,686.57	7	1,331.78	7	974.73	7	619.15	7	270.78	7	7	7		7		7		7	
1/4	1,679.27	1/4	1,324.43	1/4	967.29	1/4	611.90	1/4	263.40	1/4		1/4		1/4		1/4		1/4	
1/2	1,671.97	1/2	1,317.08	1/2	959.85	1/2	604.64	1/2	256.01	1/2		1/2		1/2		1/2		1/2	
3/4	1,664.67	3/4	1,309.72	3/4	952.41	3/4	597.38	3/4	248.73	3/4		3/4		3/4		3/4		3/4	
8	1,657.37	8	1,302.37	8	944.97	8	590.12	8	241.45	8	8	8		8		8		8	
1/4	1,650.07	1/4	1,295.02	1/4	937.53	1/4	582.87	1/4	234.17	1/4		1/4		1/4		1/4		1/4	
1/2	1,642.77	1/2	1,287.67	1/2	930.09	1/2	575.61	1/2	226.88	1/2		1/2		1/2		1/2		1/2	
3/4	1,635.47	3/4	1,280.27	3/4	922.65	3/4	568.35	3/4	219.63	3/4		3/4		3/4		3/4		3/4	
9	1,628.17	9	1,272.87	9	915.21	9	561.10	9	212.38	9	9	9		9		9		9	
1/4	1,620.87	1/4	1,265.48	1/4	907.77	1/4	553.84	1/4	205.12	1/4		1/4		1/4		1/4		1/4	
1/2	1,613.57	1/2	1,258.08	1/2	900.33	1/2	546.58	1/2	197.87	1/2		1/2		1/2		1/2		1/2	
3/4	1,606.27	3/4	1,250.63	3/4	892.89	3/4	539.32	3/4	190.62	3/4		3/4		3/4		3/4		3/4	
10	1,598.97	10	1,243.17	10	885.46	10	532.07	10	183.37	10	10	10		10		10		10	
1/4	1,591.67	1/4	1,235.72	1/4	878.02	1/4	524.81	1/4	176.13	1/4		1/4		1/4		1/4		1/4	
1/2	1,584.37	1/2	1,228.27	1/2	870.58	1/2	517.55	1/2	168.88	1/2		1/2		1/2		1/2		1/2	
3/4	1,577.00	3/4	1,220.80	3/4	863.15	3/4	510.45	3/4	161.65	3/4		3/4		3/4		3/4		3/4	
11	1,569.64	11	1,213.33	11	855.71	11	503.34	11	154.41	11	11	11		11		11		11	
1/4	1,562.28	1/4	1,205.86	1/4	848.27	1/4	496.23	1/4	147.18	1/4		1/4		1/4		1/4		1/4	
1/2	1,554.91	1/2	1,198.40	1/2	840.84	1/2	489.13	1/2	139.95	1/2		1/2		1/2		1/2		1/2	
3/4	1,547.47	3/4	1,190.93	3/4	833.40	3/4	481.92	3/4	132.73	3/4		3/4		3/4		3/4		3/4	

STRAPPED: 02/21/2020 CL
CALCULATED: 02/22/2020 CL
PRINTED: 02/23/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2020

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 283"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-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	
0		0	4,269.77	0	4,134.36	0	3,998.40	0	3,862.44	0	3,635.96	0	3,280.97	0	2,925.48	0	2,570.12	0	2,214.24
1/4		1/4	4,266.99	1/4	4,131.52	1/4	3,995.56	1/4	3,859.60	1/4	3,628.61	1/4	3,273.56	1/4	2,918.08	1/4	2,562.71	1/4	2,208.84
1/2		1/2	4,264.22	1/2	4,128.69	1/2	3,992.73	1/2	3,856.77	1/2	3,621.25	1/2	3,266.15	1/2	2,910.67	1/2	2,555.31	1/2	2,199.46
3/4		3/4	4,261.44	3/4	4,125.86	3/4	3,989.90	3/4	3,853.94	3/4	3,613.89	3/4	3,258.75	3/4	2,903.27	3/4	2,547.90	3/4	2,192.09
1		1	4,258.66	1	4,123.03	1	3,987.07	1	3,851.11	1	3,606.52	1	3,251.34	1	2,895.87	1	2,540.49	1	2,184.72
1/4		1/4	4,255.88	1/4	4,120.19	1/4	3,984.23	1/4	3,848.27	1/4	3,599.16	1/4	3,243.94	1/4	2,888.47	1/4	2,533.08	1/4	2,177.34
1/2		1/2	4,253.11	1/2	4,117.36	1/2	3,981.40	1/2	3,845.44	1/2	3,591.79	1/2	3,236.53	1/2	2,881.06	1/2	2,525.68	1/2	2,169.98
3/4		3/4	4,250.33	3/4	4,114.53	3/4	3,978.57	3/4	3,842.60	3/4	3,584.42	3/4	3,229.12	3/4	2,873.66	3/4	2,518.27	3/4	2,162.61
2		2	4,247.55	2	4,111.70	2	3,975.74	2	3,839.76	2	3,577.04	2	3,221.72	2	2,866.26	2	2,510.86	2	2,155.25
1/4		1/4	4,244.77	1/4	4,108.86	1/4	3,972.90	1/4	3,836.93	1/4	3,569.67	1/4	3,214.31	1/4	2,858.86	1/4	2,503.46	1/4	2,147.88
1/2		1/2	4,241.95	1/2	4,106.03	1/2	3,970.07	1/2	3,834.09	1/2	3,562.29	1/2	3,206.91	1/2	2,851.46	1/2	2,496.04	1/2	2,140.52
3/4		3/4	4,239.13	3/4	4,103.20	3/4	3,967.24	3/4	3,831.25	3/4	3,554.91	3/4	3,199.50	3/4	2,844.06	3/4	2,488.62	3/4	2,133.15
3		3	4,236.31	3	4,100.37	3	3,964.41	3	3,828.41	3	3,547.53	3	3,192.10	3	2,836.66	3	2,481.21	3	2,125.79
1/4		1/4	4,233.49	1/4	4,097.53	1/4	3,961.57	1/4	3,825.57	1/4	3,540.15	1/4	3,184.69	1/4	2,829.26	1/4	2,473.79	1/4	2,118.42
1/2		1/2	4,230.66	1/2	4,094.70	1/2	3,958.74	1/2	3,822.52	1/2	3,532.75	1/2	3,177.28	1/2	2,821.85	1/2	2,466.37	1/2	2,111.06
3/4		3/4	4,227.83	3/4	4,091.87	3/4	3,955.91	3/4	3,819.46	3/4	3,525.35	3/4	3,169.88	3/4	2,814.45	3/4	2,458.95	3/4	2,103.70
4		4	4,225.00	4	4,089.04	4	3,953.08	4	3,816.40	4	3,517.95	4	3,162.47	4	2,807.05	4	2,451.54	4	2,096.34
1/4		1/4	4,222.16	1/4	4,086.20	1/4	3,950.24	1/4	3,813.34	1/4	3,510.55	1/4	3,155.07	1/4	2,799.65	1/4	2,444.12	1/4	2,088.98
1/2		1/2	4,219.33	1/2	4,083.37	1/2	3,947.41	1/2	3,809.71	1/2	3,503.15	1/2	3,147.66	1/2	2,792.25	1/2	2,436.70	1/2	2,081.62
3/4		3/4	4,216.50	3/4	4,080.54	3/4	3,944.58	3/4	3,806.09	3/4	3,495.74	3/4	3,140.25	3/4	2,784.85	3/4	2,429.29	3/4	2,074.26
5		5	4,213.67	5	4,077.71	5	3,941.75	5	3,802.46	5	3,488.33	5	3,132.85	5	2,777.45	5	2,421.87	5	2,066.90
1/4	4,333.05	1/4	4,210.83	1/4	4,074.87	1/4	3,938.91	1/4	3,798.84	1/4	3,480.93	1/4	3,125.44	1/4	2,770.04	1/4	2,414.46	1/4	2,059.54
1/2	4,331.59	1/2	4,208.00	1/2	4,072.04	1/2	3,936.08	1/2	3,794.56	1/2	3,473.52	1/2	3,118.04	1/2	2,762.64	1/2	2,407.04	1/2	2,052.18
3/4	4,330.12	3/4	4,205.17	3/4	4,069.21	3/4	3,933.25	3/4	3,790.28	3/4	3,466.11	3/4	3,110.63	3/4	2,755.24	3/4	2,399.63	3/4	2,044.82
6	4,328.66	6	4,202.34	6	4,066.38	6	3,930.42	6	3,785.99	6	3,458.71	6	3,103.22	6	2,747.84	6	2,392.22	6	2,037.46
1/4	4,327.20	1/4	4,199.50	1/4	4,063.54	1/4	3,927.58	1/4	3,781.71	1/4	3,451.30	1/4	3,095.82	1/4	2,740.44	1/4	2,384.80	1/4	2,030.10
1/2	4,325.33	1/2	4,196.67	1/2	4,060.71	1/2	3,924.75	1/2	3,776.78	1/2	3,443.90	1/2	3,088.41	1/2	2,733.04	1/2	2,377.39	1/2	2,022.73
3/4	4,323.46	3/4	4,193.84	3/4	4,057.88	3/4	3,921.92	3/4	3,771.84	3/4	3,436.49	3/4	3,081.01	3/4	2,725.64	3/4	2,369.97	3/4	2,015.37
7	4,321.59	7	4,191.01	7	4,055.05	7	3,919.09	7	3,766.90	7	3,429.08	7	3,073.60	7	2,718.23	7	2,362.55	7	2,008.01
1/4	4,319.72	1/4	4,188.17	1/4	4,052.21	1/4	3,916.25	1/4	3,761.96	1/4	3,421.68	1/4	3,066.19	1/4	2,710.83	1/4	2,355.13	1/4	2,000.64
1/2	4,317.44	1/2	4,185.34	1/2	4,049.38	1/2	3,913.42	1/2	3,756.37	1/2	3,414.27	1/2	3,058.79	1/2	2,703.43	1/2	2,347.72	1/2	1,993.28
3/4	4,315.17	3/4	4,182.51	3/4	4,046.55	3/4	3,910.59	3/4	3,750.78	3/4	3,406.87	3/4	3,051.38	3/4	2,696.03	3/4	2,340.30	3/4	1,985.91
8	4,312.90	8	4,179.68	8	4,043.72	8	3,907.76	8	3,745.18	8	3,399.46	8	3,043.98	8	2,688.63	8	2,332.88	8	1,978.55
1/4	4,310.62	1/4	4,176.84	1/4	4,040.88	1/4	3,904.92	1/4	3,739.59	1/4	3,392.05	1/4	3,036.57	1/4	2,681.23	1/4	2,325.46	1/4	1,971.19
1/2	4,308.00	1/2	4,174.01	1/2	4,038.05	1/2	3,902.09	1/2	3,733.34	1/2	3,384.65	1/2	3,029.17	1/2	2,673.82	1/2	2,318.04	1/2	1,963.83
3/4	4,305.37	3/4	4,171.18	3/4	4,035.22	3/4	3,899.26	3/4	3,727.09	3/4	3,377.24	3/4	3,021.76	3/4	2,666.42	3/4	2,310.62	3/4	1,956.48
9	4,302.75	9	4,168.35	9	4,032.39	9	3,896.43	9	3,720.85	9	3,369.84	9	3,014.35	9	2,659.01	9	2,303.20	9	1,949.12
1/4	4,300.12	1/4	4,165.51	1/4	4,029.55	1/4	3,893.59	1/4	3,714.60	1/4	3,362.43	1/4	3,006.95	1/4	2,651.60	1/4	2,295.79	1/4	1,941.77
1/2	4,297.38	1/2	4,162.68	1/2	4,026.72	1/2	3,890.76	1/2	3,707.71	1/2	3,355.02	1/2	2,999.54	1/2	2,644.20	1/2	2,288.37	1/2	1,934.41
3/4	4,294.63	3/4	4,159.85	3/4	4,023.89	3/4	3,887.93	3/4	3,700.82	3/4	3,347.62	3/4	2,992.14	3/4	2,636.79	3/4	2,280.95	3/4	1,927.06
10	4,291.89	10	4,157.02	10	4,021.06	10	3,885.10	10	3,693.93	10	3,340.21	10	2,984.73	10	2,629.38	10	2,273.53	10	1,919.71
1/4	4,289.14	1/4	4,154.18	1/4	4,018.22	1/4	3,882.26	1/4	3,687.04	1/4	3,332.81	1/4	2,977.32	1/4	2,621.97	1/4	2,266.11	1/4	1,912.36
1/2	4,286.38	1/2	4,151.35	1/2	4,015.39	1/2	3,879.43	1/2	3,679.78	1/2	3,325.40	1/2	2,969.92	1/2	2,614.57	1/2	2,258.69	1/2	1,905.00
3/4	4,283.61	3/4	4,148.52	3/4	4,012.56	3/4	3,876.60	3/4	3,672.52	3/4	3,318.00	3/4	2,962.51	3/4	2,607.16	3/4	2,251.27	3/4	1,897.63
11	4,280.85	11	4,145.69	11	4,009.73	11	3,873.77	11	3,665.26	11	3,310.59	11	2,955.11	11	2,599.75	11	2,243.85	11	1,890.27
1/4	4,278.08	1/4	4,142.85	1/4	4,006.89	1/4	3,870.93	1/4	3,658.00	1/4	3,303.18	1/4	2,947.70	1/4	2,592.34	1/4	2,236.44	1/4	1,882.91
1/2	4,275.31	1/2	4,140.02	1/2	4,004.06	1/2	3,868.10	1/2	3,650.65	1/2	3,295.78	1/2	2,940.29	1/2	2,584.94	1/2	2,229.04	1/2	1,875.55
3/4	4,272.54	3/4	4,137.19	3/4	4,001.23	3/4	3,865.27	3/4	3,643.31	3/4	3,288.37	3/4	2,932.89	3/4	2,577.53	3/4	2,221.64	3/4	1,868.18

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 AT 10" DIAMETER HATCH
 GAUGE POINT: (10" HATCH) LOCATED 10'-08" OFF CENTERLINE AND 58'-06" 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 283"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/4"

10 FT.			11 FT.			12 FT.			13 FT.			14 FT.			15 FT.			16 FT.			17 FT.			18 FT.			19 FT.					
IN			IN			IN			IN			IN			IN			IN			IN			IN			IN			IN		
0	1,860.82		0	1,509.11		0	1,152.95		0	810.65		0	464.68		0	117.71		0														
1/4	1,853.46		1/4	1,501.69		1/4	1,145.53		1/4	803.54		1/4	457.51		1/4	110.54		1/4														
1/2	1,846.09		1/2	1,494.27		1/2	1,138.32		1/2	796.43		1/2	450.30		1/2	103.40		1/2														
3/4	1,838.73		3/4	1,486.85		3/4	1,131.11		3/4	789.33		3/4	443.09		3/4	96.26		3/4														
1	1,831.36		1	1,479.43		1	1,123.90		1	782.22		1	435.87		1	89.12		1														
1/4	1,824.00		1/4	1,472.01		1/4	1,116.69		1/4	775.11		1/4	428.66		1/4	81.98		1/4														
1/2	1,816.62		1/2	1,464.59		1/2	1,109.55		1/2	768.01		1/2	421.45		1/2	75.26		1/2														
3/4	1,809.23		3/4	1,457.17		3/4	1,102.41		3/4	760.91		3/4	414.24		3/4	68.54		3/4														
2	1,801.85		2	1,449.75		2	1,095.27		2	753.81		2	407.03		2	61.82		2														
1/4	1,794.46		1/4	1,442.33		1/4	1,088.13		1/4	746.71		1/4	399.82		1/4	55.09		1/4														
1/2	1,787.05		1/2	1,434.91		1/2	1,081.00		1/2	739.39		1/2	392.61		1/2	49.54		1/2														
3/4	1,779.64		3/4	1,427.49		3/4	1,073.87		3/4	732.07		3/4	385.40		3/4	43.99		3/4														
3	1,772.23		3	1,420.07		3	1,066.73		3	724.74		3	378.19		3	38.44		3														
1/4	1,764.82		1/4	1,412.65		1/4	1,059.60		1/4	717.42		1/4	370.98		1/4	32.89		1/4														
1/2	1,757.52		1/2	1,405.23		1/2	1,052.48		1/2	710.01		1/2	363.77		1/2	28.80		1/2														
3/4	1,750.22		3/4	1,397.81		3/4	1,045.36		3/4	702.59		3/4	356.56		3/4	24.71		3/4														
4	1,742.93		4	1,390.39		4	1,038.24		4	695.17		4	349.34		4	20.62		4														
1/4	1,735.63		1/4	1,382.97		1/4	1,031.12		1/4	687.76		1/4	342.13		1/4	16.53		1/4														
1/2	1,728.37		1/2	1,375.55		1/2	1,024.00		1/2	680.49		1/2	334.92		1/2			1/2														
3/4	1,721.12		3/4	1,368.13		3/4	1,016.88		3/4	673.22		3/4	327.71		3/4			3/4														
5	1,713.87		5	1,360.71		5	1,009.77		5	665.95		5	320.50		5			5														
1/4	1,706.61		1/4	1,353.30		1/4	1,002.65		1/4	658.68		1/4	313.28		1/4			1/4														
1/2	1,699.36		1/2	1,345.88		1/2	995.54		1/2	651.47		1/2	305.92		1/2			1/2														
3/4	1,692.11		3/4	1,338.46		3/4	988.42		3/4	644.25		3/4	298.56		3/4			3/4														
6	1,684.85		6	1,331.04		6	981.31		6	637.04		6	291.20		6			6														
1/4	1,677.60		1/4	1,323.62		1/4	974.20		1/4	629.83		1/4	283.84		1/4			1/4														
1/2	1,670.34		1/2	1,316.20		1/2	967.09		1/2	622.61		1/2	276.51		1/2			1/2														
3/4	1,663.08		3/4	1,308.78		3/4	959.97		3/4	615.40		3/4	269.17		3/4			3/4														
7	1,655.82		7	1,301.36		7	952.86		7	608.19		7	261.84		7			7														
1/4	1,648.56		1/4	1,293.94		1/4	945.75		1/4	600.97		1/4	254.50		1/4			1/4														
1/2	1,641.30		1/2	1,286.51		1/2	938.64		1/2	593.76		1/2	247.27		1/2			1/2														
3/4	1,634.04		3/4	1,279.09		3/4	931.53		3/4	586.55		3/4	240.04		3/4			3/4														
8	1,626.78		8	1,271.67		8	924.41		8	579.33		8	232.80		8			8														
1/4	1,619.52		1/4	1,264.25		1/4	917.30		1/4	572.12		1/4	225.57		1/4			1/4														
1/2	1,612.26		1/2	1,256.83		1/2	910.19		1/2	564.91		1/2	218.36		1/2			1/2														
3/4	1,605.00		3/4	1,249.41		3/4	903.08		3/4	557.69		3/4	211.16		3/4			3/4														
9	1,597.74		9	1,241.99		9	895.97		9	550.48		9	203.95		9			9														
1/4	1,590.48		1/4	1,234.57		1/4	888.86		1/4	543.27		1/4	196.75		1/4			1/4														
1/2	1,583.11		1/2	1,227.15		1/2	881.75		1/2	536.06		1/2	189.55		1/2			1/2														
3/4	1,575.74		3/4	1,219.73		3/4	874.64		3/4	528.84		3/4	182.35		3/4			3/4														
10	1,568.37		10	1,212.31		10	867.53		10	521.63		10	175.15		10			10														
1/4	1,561.00		1/4	1,204.89		1/4	860.42		1/4	514.42		1/4	167.95		1/4			1/4														
1/2	1,553.59		1/2	1,197.47		1/2	853.31		1/2	507.35		1/2	160.77		1/2			1/2														
3/4	1,546.18		3/4	1,190.05		3/4	846.20		3/4	500.29		3/4	153.59		3/4			3/4														
11	1,538.77		11	1,182.63		11	839.09		11	493.23		11	146.40		11			11														
1/4	1,531.36		1/4	1,175.21		1/4	831.98		1/4	486.17		1/4	139.22		1/4			1/4														
1/2	1,523.94		1/2	1,167.79		1/2	824.87		1/2	479.00		1/2	132.05		1/2			1/2														
3/4	1,516.53		3/4	1,160.37		3/4	817.76		3/4	471.84		3/4	124.88		3/4			3/4														

STRAPPED: 02/21/2020 CL
CALCULATED: 02/22/2020 CL
PRINTED: 02/23/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2020

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 283"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	
0	0	4,295.45	0	4,159.29	0	4,023.08	0	3,886.88	0	3,668.30	0	3,312.47	0	2,956.40	0	2,600.44	0	2,244.74		
1/4	1/4	4,292.62	1/4	4,156.45	1/4	4,020.25	1/4	3,884.04	1/4	3,660.92	1/4	3,305.06	1/4	2,948.98	1/4	2,593.02	1/4	2,237.33		
1/2	1/2	4,289.79	1/2	4,153.61	1/2	4,017.41	1/2	3,881.20	1/2	3,653.54	1/2	3,297.64	1/2	2,941.56	1/2	2,585.60	1/2	2,229.92		
3/4	3/4	4,286.96	3/4	4,150.78	3/4	4,014.57	3/4	3,878.37	3/4	3,646.16	3/4	3,290.22	3/4	2,934.14	3/4	2,578.18	3/4	2,222.61		
1	1	4,284.13	1	4,147.94	1	4,011.73	1	3,875.53	1	3,638.76	1	3,282.80	1	2,926.73	1	2,570.77	1	2,215.10		
1/4	1/4	4,281.29	1/4	4,145.10	1/4	4,008.90	1/4	3,872.69	1/4	3,631.36	1/4	3,275.38	1/4	2,919.31	1/4	2,563.35	1/4	2,207.69		
1/2	1/2	4,278.46	1/2	4,142.26	1/2	4,006.06	1/2	3,869.85	1/2	3,623.97	1/2	3,267.97	1/2	2,911.90	1/2	2,555.94	1/2	2,200.27		
3/4	3/4	4,275.63	3/4	4,139.43	3/4	4,003.22	3/4	3,867.02	3/4	3,616.57	3/4	3,260.55	3/4	2,904.48	3/4	2,548.52	3/4	2,192.86		
2	2	4,272.79	2	4,136.59	2	4,000.38	2	3,864.18	2	3,609.16	2	3,253.13	2	2,897.07	2	2,541.11	2	2,185.45		
1/4	1/4	4,269.95	1/4	4,133.75	1/4	3,997.55	1/4	3,861.34	1/4	3,601.75	1/4	3,245.71	1/4	2,889.65	1/4	2,533.70	1/4	2,178.03		
1/2	1/2	4,267.12	1/2	4,130.91	1/2	3,994.71	1/2	3,858.50	1/2	3,594.34	1/2	3,238.29	1/2	2,882.24	1/2	2,526.28	1/2	2,170.62		
3/4	3/4	4,264.28	3/4	4,128.08	3/4	3,991.87	3/4	3,855.67	3/4	3,586.94	3/4	3,230.87	3/4	2,874.82	3/4	2,518.87	3/4	2,163.20		
3	3	4,261.44	3	4,125.24	3	3,989.03	3	3,852.83	3	3,579.52	3	3,223.46	3	2,867.41	3	2,511.46	3	2,155.82		
1/4	1/4	4,258.61	1/4	4,122.40	1/4	3,986.20	1/4	3,849.99	1/4	3,572.11	1/4	3,216.04	1/4	2,860.00	1/4	2,504.04	1/4	2,148.44		
1/2	1/2	4,255.77	1/2	4,119.56	1/2	3,983.36	1/2	3,847.15	1/2	3,564.69	1/2	3,208.62	1/2	2,852.58	1/2	2,496.63	1/2	2,141.06		
3/4	3/4	4,252.93	3/4	4,116.73	3/4	3,980.52	3/4	3,844.32	3/4	3,557.28	3/4	3,201.20	3/4	2,845.17	3/4	2,489.21	3/4	2,133.68		
4	4	4,250.09	4	4,113.89	4	3,977.68	4	3,841.23	4	3,549.86	4	3,193.78	4	2,837.76	4	2,481.80	4	2,126.31		
1/4	1/4	4,247.26	1/4	4,111.05	1/4	3,974.85	1/4	3,838.15	1/4	3,542.44	1/4	3,186.36	1/4	2,830.34	1/4	2,474.39	1/4	2,118.94		
1/2	1/2	4,244.42	1/2	4,108.21	1/2	3,972.01	1/2	3,835.06	1/2	3,535.02	1/2	3,178.95	1/2	2,822.93	1/2	2,466.97	1/2	2,111.57		
3/4	3/4	4,241.58	3/4	4,105.38	3/4	3,969.17	3/4	3,831.98	3/4	3,527.61	3/4	3,171.53	3/4	2,815.52	3/4	2,459.56	3/4	2,104.20		
5	5	4,238.74	5	4,102.54	5	3,966.33	5	3,828.32	5	3,520.19	5	3,164.11	5	2,808.10	5	2,452.15	5	2,096.84		
1/4	1/4	4,235.90	1/4	4,099.70	1/4	3,963.50	1/4	3,824.66	1/4	3,512.77	1/4	3,156.69	1/4	2,800.69	1/4	2,444.74	1/4	2,089.47		
1/2	1/2	4,233.07	1/2	4,096.86	1/2	3,960.66	1/2	3,821.01	1/2	3,505.35	1/2	3,149.27	1/2	2,793.27	1/2	2,437.32	1/2	2,082.10		
3/4	3/4	4,354.58	3/4	4,230.23	3/4	4,094.02	3/4	3,957.82	3/4	3,817.35	3/4	3,497.93	3/4	3,141.85	3/4	2,785.86	3/4	2,429.91	3/4	2,074.74
6	6	4,353.06	6	4,227.39	6	4,091.19	6	3,954.98	6	3,813.03	6	3,490.51	6	3,134.44	6	2,778.45	6	2,422.50	6	2,067.37
1/4	1/4	4,351.54	1/4	4,224.55	1/4	4,088.35	1/4	3,952.14	1/4	3,808.72	1/4	3,483.10	1/4	3,127.02	1/4	2,771.03	1/4	2,415.09	1/4	2,060.00
1/2	1/2	4,350.02	1/2	4,221.72	1/2	4,085.51	1/2	3,949.31	1/2	3,804.40	1/2	3,475.68	1/2	3,119.60	1/2	2,763.62	1/2	2,407.69	1/2	2,052.63
3/4	3/4	4,348.50	3/4	4,218.88	3/4	4,082.67	3/4	3,946.47	3/4	3,800.09	3/4	3,468.26	3/4	3,112.18	3/4	2,756.21	3/4	2,400.28	3/4	2,045.27
7	7	4,346.58	7	4,216.04	7	4,079.84	7	3,943.63	7	3,795.12	7	3,460.84	7	3,104.76	7	2,748.79	7	2,392.87	7	2,037.90
1/4	1/4	4,344.65	1/4	4,213.20	1/4	4,077.00	1/4	3,940.79	1/4	3,790.15	1/4	3,453.42	1/4	3,097.34	1/4	2,741.38	1/4	2,385.46	1/4	2,030.52
1/2	1/2	4,342.73	1/2	4,210.37	1/2	4,074.16	1/2	3,937.96	1/2	3,785.18	1/2	3,446.00	1/2	3,089.93	1/2	2,733.96	1/2	2,378.05	1/2	2,023.15
3/4	3/4	4,340.80	3/4	4,207.53	3/4	4,071.32	3/4	3,935.12	3/4	3,780.21	3/4	3,438.59	3/4	3,082.51	3/4	2,726.55	3/4	2,370.64	3/4	2,015.78
8	8	4,338.47	8	4,204.69	8	4,068.49	8	3,932.28	8	3,774.58	8	3,431.17	8	3,075.09	8	2,719.14	8	2,363.22	8	2,008.41
1/4	1/4	4,336.14	1/4	4,201.85	1/4	4,065.65	1/4	3,929.44	1/4	3,768.95	1/4	3,423.75	1/4	3,067.67	1/4	2,711.72	1/4	2,355.81	1/4	2,001.04
1/2	1/2	4,333.81	1/2	4,199.02	1/2	4,062.81	1/2	3,926.61	1/2	3,763.32	1/2	3,416.33	1/2	3,060.25	1/2	2,704.31	1/2	2,348.40	1/2	1,993.67
3/4	3/4	4,331.48	3/4	4,196.18	3/4	4,059.97	3/4	3,923.77	3/4	3,757.70	3/4	3,408.91	3/4	3,052.83	3/4	2,696.90	3/4	2,340.98	3/4	1,986.30
9	9	4,328.80	9	4,193.34	9	4,057.14	9	3,920.93	9	3,751.41	9	3,401.49	9	3,045.42	9	2,689.48	9	2,333.58	9	1,978.93
1/4	1/4	4,326.12	1/4	4,190.50	1/4	4,054.30	1/4	3,918.09	1/4	3,745.13	1/4	3,394.08	1/4	3,038.00	1/4	2,682.06	1/4	2,326.17	1/4	1,971.56
1/2	1/2	4,323.44	1/2	4,187.67	1/2	4,051.46	1/2	3,915.26	1/2	3,738.85	1/2	3,386.66	1/2	3,030.58	1/2	2,674.64	1/2	2,318.77	1/2	1,964.19
3/4	3/4	4,320.76	3/4	4,184.83	3/4	4,048.62	3/4	3,912.42	3/4	3,732.56	3/4	3,379.24	3/4	3,023.16	3/4	2,667.22	3/4	2,311.36	3/4	1,956.81
10	10	4,317.96	10	4,181.99	10	4,045.79	10	3,909.58	10	3,725.64	10	3,371.82	10	3,015.74	10	2,659.80	10	2,303.97	10	1,949.44
1/4	1/4	4,315.16	1/4	4,179.15	1/4	4,042.95	1/4	3,906.74	1/4	3,718.71	1/4	3,364.40	1/4	3,008.32	1/4	2,652.38	1/4	2,296.57	1/4	1,942.07
1/2	1/2	4,312.36	1/2	4,176.32	1/2	4,040.11	1/2	3,903.91	1/2	3,711.79	1/2	3,356.98	1/2	3,000.91	1/2	2,644.96	1/2	2,289.17	1/2	1,934.70
3/4	3/4	4,309.56	3/4	4,173.48	3/4	4,037.27	3/4	3,901.07	3/4	3,704.86	3/4	3,349.57	3/4	2,993.49	3/4	2,637.54	3/4	2,281.77	3/4	1,927.33
11	11	4,306.74	11	4,170.64	11	4,034.44	11	3,898.23	11	3,697.57	11	3,342.15	11	2,986.07	11	2,630.12	11	2,274.37	11	1,919.96
1/4	1/4	4,303.91	1/4	4,167.80	1/4	4,031.60	1/4	3,895.39	1/4	3,690.27	1/4	3,334.73	1/4	2,978.65	1/4	2,622.70	1/4	2,266.96	1/4	1,912.59
1/2	1/2	4,301.09	1/2	4,164.96	1/2	4,028.76	1/2	3,892.56	1/2	3,682.98	1/2	3,327.31	1/2	2,971.23	1/2	2,615.28	1/2	2,259.56	1/2	1,905.22
3/4	3/4	4,298.27	3/4	4,162.13	3/4	4,025.92	3/4	3,889.72	3/4	3,675.69	3/4	3,319.89	3/4	2,963.81	3/4	2,607.86	3/4	2,252.15	3/4	1,897.85

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 AT 10" DIAMETER HATCH
 GAUGE POINT: (10" HATCH) LOCATED 10'-08" OFF CENTERLINE AND 58'-06" 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 283"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 3/4"

10 FT.			11 FT.			12 FT.			13 FT.			14 FT.			15 FT.			16 FT.			17 FT.			18 FT.			19 FT.					
IN			IN			IN			IN			IN			IN			IN			IN			IN			IN			IN		
0	1,890.48		0	1,539.21		0	1,183.44		0	828.10		0	478.88		0	132.01		0														
1/4	1,883.10		1/4	1,531.79		1/4	1,176.02		1/4	820.71		1/4	471.72		1/4	124.85		1/4														
1/2	1,875.73		1/2	1,524.37		1/2	1,168.60		1/2	813.32		1/2	464.56		1/2	117.68		1/2														
3/4	1,868.36		3/4	1,516.95		3/4	1,161.17		3/4	805.93		3/4	457.40		3/4	110.52		3/4														
1	1,860.99		1	1,509.53		1	1,153.75		1	798.54		1	450.19		1	103.38		1														
1/4	1,853.62		1/4	1,502.11		1/4	1,146.33		1/4	791.15		1/4	442.97		1/4	96.24		1/4														
1/2	1,846.25		1/2	1,494.68		1/2	1,138.91		1/2	783.76		1/2	435.76		1/2	89.10		1/2														
3/4	1,838.88		3/4	1,487.26		3/4	1,131.49		3/4	776.37		3/4	428.55		3/4	81.97		3/4														
2	1,831.51		2	1,479.84		2	1,124.06		2	768.97		2	421.34		2	75.24		2														
1/4	1,824.14		1/4	1,472.42		1/4	1,116.64		1/4	761.58		1/4	414.13		1/4	68.52		1/4														
1/2	1,816.77		1/2	1,465.00		1/2	1,109.22		1/2	754.19		1/2	406.92		1/2	61.80		1/2														
3/4	1,809.39		3/4	1,457.58		3/4	1,101.80		3/4	746.80		3/4	399.71		3/4	55.08		3/4														
3	1,802.02		3	1,450.16		3	1,094.38		3	739.41		3	392.51		3	49.53		3														
1/4	1,794.65		1/4	1,442.73		1/4	1,086.97		1/4	732.01		1/4	385.30		1/4	43.98		1/4														
1/2	1,787.28		1/2	1,435.31		1/2	1,079.55		1/2	724.62		1/2	378.09		1/2	38.44		1/2														
3/4	1,779.91		3/4	1,427.89		3/4	1,072.14		3/4	717.22		3/4	370.88		3/4	32.89		3/4														
4	1,772.54		4	1,420.47		4	1,064.74		4	709.81		4	363.67		4	28.80		4														
1/4	1,765.17		1/4	1,413.05		1/4	1,057.33		1/4	702.41		1/4	356.46		1/4	24.71		1/4														
1/2	1,757.80		1/2	1,405.63		1/2	1,049.93		1/2	695.00		1/2	349.25		1/2	20.62		1/2														
3/4	1,750.43		3/4	1,398.21		3/4	1,042.53		3/4	687.59		3/4	342.04		3/4	16.53		3/4														
5	1,743.14		5	1,390.81		5	1,035.13		5	680.32		5	334.83		5			5														
1/4	1,735.86		1/4	1,383.41		1/4	1,027.73		1/4	673.06		1/4	327.62		1/4			1/4														
1/2	1,728.57		1/2	1,376.01		1/2	1,020.33		1/2	665.79		1/2	320.41		1/2			1/2														
3/4	1,721.29		3/4	1,368.61		3/4	1,012.93		3/4	658.53		3/4	313.20		3/4			3/4														
6	1,714.03		6	1,361.22		6	1,005.54		6	651.31		6	305.84		6			6														
1/4	1,706.77		1/4	1,353.82		1/4	998.14		1/4	644.10		1/4	298.48		1/4			1/4														
1/2	1,699.52		1/2	1,346.43		1/2	990.75		1/2	636.89		1/2	291.12		1/2			1/2														
3/4	1,692.26		3/4	1,339.04		3/4	983.35		3/4	629.68		3/4	283.76		3/4			3/4														
7	1,685.00		7	1,331.65		7	975.96		7	622.47		7	276.42		7			7														
1/4	1,677.75		1/4	1,324.26		1/4	968.57		1/4	615.25		1/4	269.09		1/4			1/4														
1/2	1,670.49		1/2	1,316.86		1/2	961.17		1/2	608.04		1/2	261.76		1/2			1/2														
3/4	1,663.23		3/4	1,309.47		3/4	953.78		3/4	600.83		3/4	254.43		3/4			3/4														
8	1,655.98		8	1,302.08		8	946.38		8	593.62		8	247.19		8			8														
1/4	1,648.72		1/4	1,294.69		1/4	938.99		1/4	586.41		1/4	239.96		1/4			1/4														
1/2	1,641.46		1/2	1,287.29		1/2	931.60		1/2	579.19		1/2	232.73		1/2			1/2														
3/4	1,634.21		3/4	1,279.90		3/4	924.20		3/4	571.98		3/4	225.50		3/4			3/4														
9	1,626.95		9	1,272.49		9	916.81		9	564.77		9	218.30		9			9														
1/4	1,619.69		1/4	1,265.07		1/4	909.41		1/4	557.56		1/4	211.09		1/4			1/4														
1/2	1,612.44		1/2	1,257.66		1/2	902.02		1/2	550.35		1/2	203.89		1/2			1/2														
3/4	1,605.18		3/4	1,250.24		3/4	894.63		3/4	543.14		3/4	196.69		3/4			3/4														
10	1,597.92		10	1,242.82		10	887.23		10	535.92		10	189.49		10			10														
1/4	1,590.67		1/4	1,235.40		1/4	879.84		1/4	528.71		1/4	182.30		1/4			1/4														
1/2	1,583.41		1/2	1,227.97		1/2	872.45		1/2	521.50		1/2	175.10		1/2			1/2														
3/4	1,576.15		3/4	1,220.55		3/4	865.06		3/4	514.29		3/4	167.91		3/4			3/4														
11	1,568.77		11	1,213.13		11	857.67		11	507.23		11	160.72		11			11														
1/4	1,561.39		1/4	1,205.71		1/4	850.28		1/4	500.17		1/4	153.54		1/4			1/4														
1/2	1,554.01		1/2	1,198.29		1/2	842.89		1/2	493.11		1/2	146.36		1/2			1/2														
3/4	1,546.63		3/4	1,190.86		3/4	835.49		3/4	486.05		3/4	139.18		3/4			3/4														

STRAPPED: 02/21/2020 CL
CALCULATED: 02/22/2020 CL
PRINTED: 02/23/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2020

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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