BARGE "DBL 318"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	**STERN**	**BOW**	**STERN**	**BOW**	**STERN**	**BOW**	**STERN**	**BOW**	**STERN**	**BOW**	**STERN**
1 PORT	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
1 STBD	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 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	- 00-1/4	00-1/4	- 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	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4
3 PORT	00-5/8	- 00-5/8	01-1/8	- 01-1/8	01-3/4	- 01-3/4	02-1/4	- 02-1/4	02-7/8	- 02-7/8	03-1/2	- 03-1/2
3 STBD	00-5/8	- 00-5/8	01-1/8	- 01-1/8	01-3/4	- 01-3/4	02-1/4	- 02-1/4	02-7/8	- 02-7/8	03-1/2	- 03-1/2

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

LENGTH BETWEEN DRAFT MARKS: 253'-00"

February 26, 2020

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

http://www.pmacorp.net

BARGE "DBL 318"

1 PORT

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08-3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,937.58	0	4,603.01	0	4,249.23	0	3,886.26	0	3,523.29	0	3,160.32	0	2,797.35	0	2,434.30
1/4		1/4		1/4	4,930.80	1/4	4,595.83	1/4	4,241.67	1/4	3,878.70	1/4	3,515.73	1/4	3,152.76	1/4	2,789.79	1/4	2,426.74
1/2		1/2		1/2	4,924.02	1/2	4,588.64	1/2	4,234.11	1/2	3,871.14	1/2	3,508.17	1/2	3,145.20	1/2	2,782.23	1/2	2,419.17
3/4		3/4	5,250.43	3/4	4,917.24	3/4	4,581.45	3/4	4,226.55	3/4	3,863.58	3/4	3,500.61	3/4	3,137.63	3/4	2,774.66	3/4	2,411.61
1		1	5,245.31	1	4,910.43	1	4,574.23	1	4,218.99	1	3,856.01	1	3,493.04	1	3,130.07	1	2,767.10	1	2,404.04
1/4		1/4	5,240.18	1/4	4,903.62	1/4	4,567.02	1/4	4,211.42	1/4	3,848.45	1/4	3,485.48	1/4	3,122.51	1/4	2,759.54	1/4	2,396.48
1/2		1/2	5,235.06	1/2	4,896.82	1/2	4,559.80	1/2	4,203.86	1/2	3,840.89	1/2	3,477.92	1/2	3,114.95	1/2	2,751.98	1/2	2,388.91
3/4		3/4	5,229.93	3/4	4,890.01	3/4	4,552.58	3/4	4,196.30	3/4	3,833.33	3/4	3,470.36	3/4	3,107.39	3/4	2,744.42	3/4	2,381.35
2		2	5,223.59	2	4,883.17	2	4,545.32	2	4,188.74	2	3,825.77	2	3,462.80	2	3,099.82	2	2,736.85	2	2,373.78
1/4		1/4	5,217.25	1/4	4,876.33	1/4	4,538.07	1/4	4,181.18	1/4	3,818.21	1/4	3,455.23	1/4	3,092.26	1/4	2,729.29	1/4	2,366.22
1/2		1/2	5,210.91	1/2	4,869.49	1/2	4,530.82	1/2	4,173.61	1/2	3,810.64	1/2	3,447.67	1/2	3,084.70	1/2	2,721.73	1/2	2,358.65
3/4		3/4	5,204.57	3/4	4,862.65	3/4	4,523.56	3/4	4,166.05	3/4	3,803.08	3/4	3,440.11	3/4	3,077.14	3/4	2,714.17	3/4	2,351.09
3		3	5,197.25	3	4,855.78	3	4,516.28	3	4,158.49	3	3,795.52	3	3,432.55	3	3,069.58	3	2,706.61	3	2,343.53
1/4		1/4	5,189.92	1/4	4,848.91	1/4	4,509.00	1/4	4,150.93	1/4	3,787.96	1/4	3,424.99	1/4	3,062.02	1/4	2,699.04	1/4	2,335.96
1/2		1/2	5,182.59	1/2	4,842.04	1/2	4,501.72	1/2	4,143.37	1/2	3,780.40	1/2	3,417.42	1/2	3,054.45	1/2	2,691.48	1/2	2,328.40
3/4		3/4	5,175.27	3/4	4,835.17	3/4	4,494.43	3/4	4,135.81	3/4	3,772.83	3/4	3,409.86	3/4	3,046.89	3/4	2,683.92	3/4	2,320.83
4		4	5,167.80	4	4,828.27	4	4,487.12	4	4,128.24	4	3,765.27	4	3,402.30	4	3,039.33	4	2,676.36	4	2,313.27
1/4		1/4	5,160.34	1/4	4,821.37	1/4	4,479.81	1/4	4,120.68	1/4	3,757.71	1/4	3,394.74	1/4	3,031.77	1/4	2,668.80	1/4	2,305.70
1/2		1/2	5,152.88	1/2	4,814.46	1/2	4,472.49	1/2	4,113.12	1/2	3,750.15	1/2	3,387.18	1/2	3,024.21	1/2	2,661.23	1/2	2,298.14
3/4		3/4	5,145.41	3/4	4,807.56	3/4	4,465.18	3/4	4,105.56	3/4	3,742.59	3/4	3,379.62	3/4	3,016.64	3/4	2,653.67	3/4	2,290.57
5		5	5,137.95	5	4,800.62	5	4,457.83	5	4,098.00	5	3,735.02	5	3,372.05	5	3,009.08	5	2,646.11	5	2,283.01
1/4		1/4	5,130.49	1/4	4,793.68	1/4	4,450.48	1/4	4,090.43	1/4	3,727.46	1/4	3,364.49	1/4	3,001.52	1/4	2,638.55	1/4	2,275.44
1/2		1/2	5,123.02	1/2	4,786.75	1/2	4,443.14	1/2	4,082.87	1/2	3,719.90	1/2	3,356.93	1/2	2,993.96	1/2	2,630.98	1/2	2,267.88
3/4		3/4	5,115.56	3/4	4,779.81	3/4	4,435.79	3/4	4,075.31	3/4	3,712.34	3/4	3,349.37	3/4	2,986.40	3/4	2,623.42	3/4	2,260.31
6		6	5,108.09	6	4,772.84	6	4,428.41	6	4,067.75	6	3,704.78	6	3,341.81	6	2,978.83	6	2,615.85	6	2,252.75
1/4		1/4	5,100.63	1/4	4,765.88	1/4	4,421.03	1/4	4,060.19	1/4	3,697.22	1/4	3,334.24	1/4	2,971.27	1/4	2,608.29	1/4	2,245.18
1/2		1/2	5,093.17	1/2	4,758.91	1/2	4,413.64	1/2	4,052.62	1/2	3,689.65	1/2	3,326.68	1/2	2,963.71	1/2	2,600.73	1/2	2,237.62
3/4		3/4	5,085.70	3/4	4,751.94	3/4	4,406.26	3/4	4,045.06	3/4	3,682.09	3/4	3,319.12	3/4	2,956.15	3/4	2,593.16	3/4	2,230.05
7		7	5,078.24	7	4,744.94	7	4,398.85	7	4,037.50	7	3,674.53	7	3,311.56	7	2,948.59	7	2,585.60	7	2,222.49
1/4		1/4	5,070.78	1/4	4,737.94	1/4	4,391.44	1/4	4,029.94	1/4	3,666.97	1/4	3,304.00	1/4	2,941.02	1/4	2,578.03	1/4	2,214.93
1/2		1/2	5,063.31	1/2	4,730.94	1/2	4,384.03	1/2	4,022.38	1/2	3,659.41	1/2	3,296.43	1/2	2,933.46	1/2	2,570.47	1/2	2,207.36
3/4		3/4	5,055.85	3/4	4,723.94	3/4	4,376.62	3/4	4,014.81	3/4	3,651.84	3/4	3,288.87	3/4	2,925.90	3/4	2,562.90	3/4	2,199.80
8		8	5,048.44	8	4,716.87	8	4,369.18	8	4,007.25	8	3,644.28	8	3,281.31	8	2,918.34	8	2,555.34	8	2,192.23
1/4		1/4	5,041.03	1/4	4,709.81	1/4	4,361.74	1/4	3,999.69	1/4	3,636.72	1/4	3,273.75	1/4	2,910.78	1/4	2,547.77	1/4	2,184.67
1/2		1/2	5,033.62	1/2	4,702.75	1/2	4,354.29	1/2	3,992.13	1/2	3,629.16	1/2	3,266.19	1/2	2,903.22	1/2	2,540.21	1/2	2,177.10
3/4		3/4	5,026.21	3/4	4,695.69	3/4	4,346.85	3/4	3,984.57	3/4	3,621.60	3/4	3,258.62	3/4	2,895.65	3/4	2,532.64	3/4	2,169.54
9		9	5,019.20	9	4,688.60	9	4,339.38	9	3,977.01	9	3,614.03	9	3,251.06	9	2,888.09	9	2,525.08	9	2,161.97
1/4		1/4	5,012.20	1/4	4,681.50	1/4	4,331.91	1/4	3,969.44	1/4	3,606.47	1/4	3,243.50	1/4	2,880.53	1/4	2,517.51	1/4	2,154.41
1/2		1/2	5,005.20	1/2	4,674.41	1/2	4,324.44	1/2	3,961.88	1/2	3,598.91	1/2	3,235.94	1/2	2,872.97	1/2	2,509.95	1/2	2,146.84
3/4		3/4	4,998.20	3/4	4,667.31	3/4	4,316.96	3/4	3,954.32	3/4	3,591.35	3/4	3,228.38	3/4	2,865.41	3/4	2,502.38	3/4	2,139.28
10		10	4,991.49	10	4,660.19	10	4,309.46	10	3,946.76	10	3,583.79	10	3,220.82	10	2,857.84	10	2,494.82	10	2,131.71
1/4		1/4	4,984.77	1/4	4,653.06	1/4	4,301.95	1/4	3,939.20	1/4	3,576.22	1/4	3,213.25	1/4	2,850.28	1/4	2,487.25	1/4	2,124.15
1/2		1/2	4,978.06	1/2	4,645.94	1/2	4,294.45	1/2	3,931.63	1/2	3,568.66	1/2	3,205.69	1/2	2,842.72	1/2	2,479.69	1/2	2,116.58
3/4		3/4	4,971.35	3/4	4,638.81	3/4	4,286.94	3/4	3,924.07	3/4	3,561.10	3/4	3,198.13	3/4	2,835.16	3/4	2,472.13	3/4	2,109.02
11		11	4,964.60	11	4,631.66	11	4,279.40	11	3,916.51	11	3,553.54	11	3,190.57	11	2,827.60	11	2,464.56	11	2,101.45
1/4		1/4	4,957.85	1/4	4,624.51	1/4	4,271.86	1/4	3,908.95	1/4	3,545.98	1/4	3,183.01	1/4	2,820.03	1/4	2,457.00	1/4	2,093.89
1/2		1/2	4,951.10	1/2	4,617.35	1/2	4,264.32	1/2	3,901.39	1/2	3,538.42	1/2	3,175.44	1/2	2,812.47	1/2	2,449.43	1/2	2,086.33
3/4		3/4	4,944.36	3/4	4,610.20	3/4	4,256.79	3/4	3,893.82	3/4	3,530.85	3/4	3,167.88	3/4	2,804.91	3/4	2,441.87	3/4	2,078.76

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" DIAMETER "HERMETIC" VALVE.
GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

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

BARGE "DBL 318"

1 PORT

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08-3/4"

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	2,071.20	0	1,708.09	0	1,344.98	0	982.29	0	619.28	0	259.36	0		0		0		0	
1/4	2,063.63	1/4	1,700.53	1/4	1,337.42	1/4	974.74	1/4	611.71	1/4	251.94	1/4		1/4		1/4		1/4	
1/2	2,056.07	1/2	1,692.96	1/2	1,329.86	1/2	967.19	1/2	604.15	1/2	244.53	1/2		1/2		1/2		1/2	
3/4	2,048.50	3/4	1,685.40	3/4	1,322.29	3/4	959.63	3/4	596.58	3/4	237.11	3/4		3/4		3/4		3/4	
1	2,040.94	1	1,677.83	1	1,314.73	1	952.08	1	589.02	1	229.69	1		1		1		1	
1/4	2,033.37	1/4	1,670.27	1/4	1,307.16	1/4	944.52	1/4	581.45	1/4	222.28	1/4		1/4		1/4		1/4	
1/2	2,025.81	1/2	1,662.70	1/2	1,299.60	1/2	936.97	1/2	573.89	1/2	214.86	1/2		1/2		1/2		1/2	
3/4	2,018.24	3/4	1,655.14	3/4	1,292.03	3/4	929.42	3/4	566.32	3/4	207.44	3/4		3/4		3/4		3/4	
2	2,010.68	2	1,647.57	2	1,284.47	2	921.85	2	558.76	2	200.01	2		2		2		2	
1/4	2,003.11	1/4	1,640.01	1/4	1,276.90	1/4	914.29	1/4	551.20	1/4	192.58	1/4		1/4		1/4		1/4	
1/2	1,995.55	1/2	1,632.44	1/2	1,269.34	1/2	906.72	1/2	543.63	1/2	185.14	1/2		1/2		1/2		1/2	
3/4	1,987.98	3/4	1,624.88	3/4	1,261.77	3/4	899.16	3/4	536.07	3/4	177.71	3/4		3/4		3/4		3/4	
3	1,980.42	3	1,617.31	3	1,254.21	3	891.59	3	528.50	3	170.16	3		3		3		3	
1/4	1,972.85	1/4	1,609.75	1/4	1,246.65	1/4	884.03	1/4	520.94	1/4	162.61	1/4		1/4		1/4		1/4	
1/2	1,965.29	1/2	1,602.18	1/2	1,239.08	1/2	876.46	1/2	513.37	1/2	155.06	1/2		1/2		1/2		1/2	
3/4	1,957.73	3/4	1,594.62	3/4	1,231.52	3/4	868.90	3/4	505.81	3/4	147.51	3/4		3/4		3/4		3/4	
4	1,950.16	4	1,587.06	4	1,223.97	4	861.34	4	498.24	4	139.96	4		4		4		4	
1/4	1,942.60	1/4	1,579.49	1/4	1,216.41	1/4	853.77	1/4	490.68	1/4	132.41	1/4		1/4		1/4		1/4	
1/2	1,935.03	1/2	1,571.93	1/2	1,208.86	1/2	846.21	1/2	483.12	1/2	124.86	1/2		1/2		1/2		1/2	
3/4	1,927.47	3/4	1,564.36	3/4	1,201.31	3/4	838.64	3/4	475.55	3/4	117.31	3/4		3/4		3/4		3/4	
5	1,919.90	5	1,556.80	5	1,193.76	5	831.08	5	467.99	5	109.84	5		5		5		5	
1/4	1,912.34	1/4	1,549.23	1/4	1,186.20	1/4	823.51	1/4	460.42	1/4	102.37	1/4		1/4		1/4		1/4	
1/2	1,904.77	1/2	1,541.67	1/2	1,178.65	1/2	815.95	1/2	452.86	1/2	94.90	1/2		1/2		1/2		1/2	
3/4	1,897.21	3/4	1,534.10	3/4	1,171.10	3/4	808.39	3/4	445.29	3/4	87.43	3/4		3/4		3/4		3/4	
6	1,889.64	6	1,526.54	6	1,163.55	6	800.82	6	437.75	6	80.67	6		6		6		6	
1/4	1,882.08	1/4	1,518.97	1/4	1,156.00	1/4	793.26	1/4	430.20	1/4	73.91	1/4		1/4		1/4		1/4	
1/2	1,874.51	1/2	1,511.41	1/2	1,148.44	1/2	785.69	1/2	422.65	1/2	67.15	1/2		1/2		1/2		1/2	
3/4	1,866.95	3/4	1,503.84	3/4	1,140.89	3/4	778.13	3/4	415.11	3/4	60.38	3/4		3/4		3/4		3/4	
7	1,859.38	7	1,496.28	7	1,133.34	7	770.56	7	407.69	7	54.88	7		7		7		7	
1/4	1,851.82	1/4	1,488.71	1/4	1,125.79	1/4	763.00	1/4	400.27	1/4	49.38	1/4		1/4		1/4		1/4	
1/2	1,844.26	1/2	1,481.15	1/2	1,118.23	1/2	755.43	1/2	392.86	1/2	43.88	1/2		1/2		1/2		1/2	
3/4	1,836.69	3/4	1,473.58	3/4	1,110.68	3/4	747.87	3/4	385.44	3/4	38.38	3/4		3/4		3/4		3/4	
8	1,829.13	8	1,466.02	8	1,103.13	8	740.31	8	378.02	8	34.14	8		8		8		8	
1/4	1,821.56	1/4	1,458.46	1/4	1,095.58	1/4	732.74	1/4	370.61	1/4	29.90	1/4		1/4		1/4		1/4	
1/2	1,814.00	1/2	1,450.89	1/2	1,088.02	1/2	725.18	1/2	363.19	1/2	25.66	1/2		1/2		1/2		1/2	
3/4	1,806.43	3/4	1,443.33	3/4	1,080.47	3/4	717.61	3/4	355.78	3/4	21.42	3/4		3/4		3/4		3/4	
9	1,798.87	9	1,435.76	9	1,072.92	9	710.05	9	348.36	9		9		9		9		9	
1/4	1,791.30	1/4	1,428.20	1/4	1,065.37	1/4	702.48	1/4	340.94	1/4		1/4		1/4		1/4		1/4	
1/2	1,783.74	1/2	1,420.63	1/2	1,057.81	1/2	694.92	1/2	333.53	1/2		1/2		1/2		1/2		1/2	
3/4	1,776.17	3/4	1,413.07	3/4	1,050.26	3/4	687.35	3/4	326.11	3/4		3/4		3/4		3/4		3/4	
10	1,768.61	10	1,405.50	10	1,042.71	10	679.79	10	318.69	10		10		10		10		10	
1/4	1,761.04	1/4	1,397.94	1/4	1,035.16	1/4	672.23	1/4	311.28	1/4		1/4		1/4		1/4		1/4	
1/2	1,753.48	1/2	1,390.37	1/2	1,027.60	1/2	664.66	1/2	303.86	1/2		1/2		1/2		1/2		1/2	
3/4	1,745.91	3/4	1,382.81	3/4	1,020.05	3/4	657.10	3/4	296.44	3/4		3/4		3/4		3/4		3/4	
11	1,738.35	11	1,375.24	11	1,012.50	11	649.53	11	289.03	11		11		11		11		11	
1/4	1,730.78	1/4	1,367.68	1/4	1,004.95	1/4	641.97	1/4	281.61	1/4		1/4		1/4		1/4		1/4	
1/2	1,723.22	1/2	1,360.11	1/2	997.39	1/2	634.40	1/2	274.19	1/2		1/2		1/2		1/2		1/2	
3/4	1,715.66	3/4	1,352.55	3/4	989.84	3/4	626.84	3/4	266.78	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/26/2020 JS
CALCULATED: 02/27/2020 CL
PRINTED: 02/28/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2020

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

BARGE "DBL 318"

1 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08-1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,917.20	0	4,582.14	0	4,227.96	0	3,865.34	0	3,502.71	0	3,140.09	0	2,777.47	0	2,414.96
1/4		1/4	5,243.28	1/4	4,910.42	1/4	4,574.96	1/4	4,220.41	1/4	3,857.78	1/4	3,495.16	1/4	3,132.53	1/4	2,769.91	1/4	2,407.40
1/2		1/2	5,238.16	1/2	4,903.62	1/2	4,567.75	1/2	4,212.86	1/2	3,850.23	1/2	3,487.60	1/2	3,124.98	1/2	2,762.37	1/2	2,399.85
3/4		3/4	5,233.04	3/4	4,896.82	3/4	4,560.54	3/4	4,205.30	3/4	3,842.68	3/4	3,480.05	3/4	3,117.42	3/4	2,754.83	3/4	2,392.29
1		1	5,227.92	1	4,890.02	1	4,553.33	1	4,197.75	1	3,835.12	1	3,472.49	1	3,109.87	1	2,747.29	1	2,384.73
1/4		1/4	5,222.80	1/4	4,883.22	1/4	4,546.11	1/4	4,190.19	1/4	3,827.57	1/4	3,464.94	1/4	3,102.31	1/4	2,739.74	1/4	2,377.17
1/2		1/2	5,216.47	1/2	4,876.38	1/2	4,538.87	1/2	4,182.64	1/2	3,820.01	1/2	3,457.39	1/2	3,094.76	1/2	2,732.20	1/2	2,369.62
3/4		3/4	5,210.13	3/4	4,869.55	3/4	4,531.62	3/4	4,175.08	3/4	3,812.46	3/4	3,449.83	3/4	3,087.20	3/4	2,724.66	3/4	2,362.06
2		2	5,203.80	2	4,862.72	2	4,524.38	2	4,167.53	2	3,804.90	2	3,442.28	2	3,079.65	2	2,717.12	2	2,354.50
1/4		1/4	5,197.47	1/4	4,855.89	1/4	4,517.13	1/4	4,159.97	1/4	3,797.35	1/4	3,434.72	1/4	3,072.10	1/4	2,709.57	1/4	2,346.94
1/2		1/2	5,190.15	1/2	4,849.02	1/2	4,509.86	1/2	4,152.42	1/2	3,789.79	1/2	3,427.17	1/2	3,064.54	1/2	2,702.03	1/2	2,339.39
3/4		3/4	5,182.83	3/4	4,842.16	3/4	4,502.58	3/4	4,144.86	3/4	3,782.24	3/4	3,419.61	3/4	3,056.99	3/4	2,694.49	3/4	2,331.83
3		3	5,175.52	3	4,835.30	3	4,495.30	3	4,137.31	3	3,774.68	3	3,412.06	3	3,049.43	3	2,686.95	3	2,324.27
1/4		1/4	5,168.20	1/4	4,828.44	1/4	4,488.03	1/4	4,129.75	1/4	3,767.13	1/4	3,404.50	1/4	3,041.88	1/4	2,679.40	1/4	2,316.71
1/2		1/2	5,160.74	1/2	4,821.54	1/2	4,480.72	1/2	4,122.20	1/2	3,759.57	1/2	3,396.95	1/2	3,034.32	1/2	2,671.86	1/2	2,309.16
3/4		3/4	5,153.29	3/4	4,814.64	3/4	4,473.41	3/4	4,114.64	3/4	3,752.02	3/4	3,389.39	3/4	3,026.77	3/4	2,664.32	3/4	2,301.60
4		4	5,145.83	4	4,807.74	4	4,466.11	4	4,107.09	4	3,744.46	4	3,381.84	4	3,019.21	4	2,656.77	4	2,294.04
1/4		1/4	5,138.37	1/4	4,800.85	1/4	4,458.80	1/4	4,099.53	1/4	3,736.91	1/4	3,374.28	1/4	3,011.66	1/4	2,649.23	1/4	2,286.48
1/2		1/2	5,130.92	1/2	4,793.92	1/2	4,451.46	1/2	4,091.98	1/2	3,729.35	1/2	3,366.73	1/2	3,004.10	1/2	2,641.68	1/2	2,278.93
3/4		3/4	5,123.46	3/4	4,786.99	3/4	4,444.12	3/4	4,084.43	3/4	3,721.80	3/4	3,359.17	3/4	2,996.55	3/4	2,634.12	3/4	2,271.37
5		5	5,116.00	5	4,780.06	5	4,436.78	5	4,076.87	5	3,714.25	5	3,351.62	5	2,988.99	5	2,626.57	5	2,263.81
1/4		1/4	5,108.55	1/4	4,773.13	1/4	4,429.44	1/4	4,069.32	1/4	3,706.69	1/4	3,344.06	1/4	2,981.44	1/4	2,619.01	1/4	2,256.25
1/2		1/2	5,101.09	1/2	4,766.17	1/2	4,422.07	1/2	4,061.76	1/2	3,699.14	1/2	3,336.51	1/2	2,973.88	1/2	2,611.46	1/2	2,248.70
3/4		3/4	5,093.63	3/4	4,759.21	3/4	4,414.69	3/4	4,054.21	3/4	3,691.58	3/4	3,328.96	3/4	2,966.33	3/4	2,603.90	3/4	2,241.14
6		6	5,086.18	6	4,752.25	6	4,407.32	6	4,046.65	6	3,684.03	6	3,321.40	6	2,958.78	6	2,596.34	6	2,233.58
1/4		1/4	5,078.72	1/4	4,745.28	1/4	4,399.94	1/4	4,039.10	1/4	3,676.47	1/4	3,313.85	1/4	2,951.22	1/4	2,588.78	1/4	2,226.02
1/2		1/2	5,071.26	1/2	4,738.29	1/2	4,392.54	1/2	4,031.54	1/2	3,668.92	1/2	3,306.29	1/2	2,943.67	1/2	2,581.23	1/2	2,218.47
3/4		3/4	5,063.81	3/4	4,731.30	3/4	4,385.14	3/4	4,023.99	3/4	3,661.36	3/4	3,298.74	3/4	2,936.11	3/4	2,573.67	3/4	2,210.91
7		7	5,056.35	7	4,724.30	7	4,377.73	7	4,016.43	7	3,653.81	7	3,291.18	7	2,928.56	7	2,566.11	7	2,203.35
1/4		1/4	5,048.90	1/4	4,717.31	1/4	4,370.33	1/4	4,008.88	1/4	3,646.25	1/4	3,283.63	1/4	2,921.00	1/4	2,558.55	1/4	2,195.79
1/2		1/2	5,041.49	1/2	4,710.25	1/2	4,362.89	1/2	4,001.32	1/2	3,638.70	1/2	3,276.07	1/2	2,913.45	1/2	2,551.00	1/2	2,188.24
3/4		3/4	5,034.09	3/4	4,703.20	3/4	4,355.46	3/4	3,993.77	3/4	3,631.14	3/4	3,268.52	3/4	2,905.89	3/4	2,543.44	3/4	2,180.68
8		8	5,026.68	8	4,696.14	8	4,348.02	8	3,986.21	8	3,623.59	8	3,260.96	8	2,898.34	8	2,535.88	8	2,173.12
1/4		1/4	5,019.28	1/4	4,689.09	1/4	4,340.59	1/4	3,978.66	1/4	3,616.03	1/4	3,253.41	1/4	2,890.78	1/4	2,528.32	1/4	2,165.56
1/2		1/2	5,012.29	1/2	4,682.00	1/2	4,333.13	1/2	3,971.10	1/2	3,608.48	1/2	3,245.85	1/2	2,883.23	1/2	2,520.77	1/2	2,158.01
3/4		3/4	5,005.29	3/4	4,674.92	3/4	4,325.66	3/4	3,963.55	3/4	3,600.92	3/4	3,238.30	3/4	2,875.67	3/4	2,513.21	3/4	2,150.45
9		9	4,998.30	9	4,667.83	9	4,318.20	9	3,956.00	9	3,593.37	9	3,230.74	9	2,868.12	9	2,505.65	9	2,142.89
1/4		1/4	4,991.30	1/4	4,660.74	1/4	4,310.73	1/4	3,948.44	1/4	3,585.82	1/4	3,223.19	1/4	2,860.56	1/4	2,498.09	1/4	2,135.33
1/2		1/2	4,984.60	1/2	4,653.62	1/2	4,303.23	1/2	3,940.89	1/2	3,578.26	1/2	3,215.63	1/2	2,853.01	1/2	2,490.54	1/2	2,127.78
3/4		3/4	4,977.89	3/4	4,646.50	3/4	4,295.73	3/4	3,933.33	3/4	3,570.71	3/4	3,208.08	3/4	2,845.45	3/4	2,482.98	3/4	2,120.22
10		10	4,971.18	10	4,639.39	10	4,288.23	10	3,925.78	10	3,563.15	10	3,200.53	10	2,837.90	10	2,475.42	10	2,112.66
1/4		1/4	4,964.47	1/4	4,632.27	1/4	4,280.73	1/4	3,918.22	1/4	3,555.60	1/4	3,192.97	1/4	2,830.35	1/4	2,467.86	1/4	2,105.10
1/2		1/2	4,957.73	1/2	4,625.12	1/2	4,273.20	1/2	3,910.67	1/2	3,548.04	1/2	3,185.42	1/2	2,822.79	1/2	2,460.31	1/2	2,097.55
3/4		3/4	4,950.99	3/4	4,617.97	3/4	4,265.67	3/4	3,903.11	3/4	3,540.49	3/4	3,177.86	3/4	2,815.24	3/4	2,452.75	3/4	2,089.99
11		11	4,944.25	11	4,610.83	11	4,258.14	11	3,895.56	11	3,532.93	11	3,170.31	11	2,807.68	11	2,445.19	11	2,082.43
1/4		1/4	4,937.51	1/4	4,603.68	1/4	4,250.61	1/4	3,888.00	1/4	3,525.38	1/4	3,162.75	1/4	2,800.13	1/4	2,437.63	1/4	2,074.87
1/2		1/2	4,930.74	1/2	4,596.50	1/2	4,243.06	1/2	3,880.45	1/2	3,517.82	1/2	3,155.20	1/2	2,792.57	1/2	2,430.08	1/2	2,067.32
3/4		3/4	4,923.97	3/4	4,589.32	3/4	4,235.51	3/4	3,872.89	3/4	3,510.27	3/4	3,147.64	3/4	2,785.02	3/4	2,422.52	3/4	2,059.76

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" DIAMETER "HERMETIC" VALVE.
GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

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

BARGE "DBL 318"

1 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08-1/4"

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	2,052.20	0	1,689.44	0	1,326.68	0	965.92	0	603.56	0	244.29	0		0		0		0	
1/4	2,044.64	1/4	1,681.88	1/4	1,319.12	1/4	958.41	1/4	596.00	1/4	236.88	1/4		1/4		1/4		1/4	
1/2	2,037.09	1/2	1,674.33	1/2	1,311.57	1/2	950.90	1/2	588.45	1/2	229.47	1/2		1/2		1/2		1/2	
3/4	2,029.53	3/4	1,666.77	3/4	1,304.01	3/4	943.40	3/4	580.89	3/4	222.06	3/4		3/4		3/4		3/4	
1	2,021.97	1	1,659.21	1	1,296.45	1	935.89	1	573.33	1	214.65	1		1		1		1	
1/4	2,014.41	1/4	1,651.65	1/4	1,288.89	1/4	928.38	1/4	565.78	1/4	207.24	1/4		1/4		1/4		1/4	
1/2	2,006.86	1/2	1,644.10	1/2	1,281.34	1/2	920.86	1/2	558.22	1/2	199.81	1/2		1/2		1/2		1/2	
3/4	1,999.30	3/4	1,636.54	3/4	1,273.79	3/4	913.34	3/4	550.66	3/4	192.39	3/4		3/4		3/4		3/4	
2	1,991.74	2	1,628.98	2	1,266.24	2	905.82	2	543.10	2	184.96	2		2		2		2	
1/4	1,984.18	1/4	1,621.42	1/4	1,258.68	1/4	898.29	1/4	535.55	1/4	177.53	1/4		1/4		1/4		1/4	
1/2	1,976.63	1/2	1,613.87	1/2	1,251.17	1/2	890.74	1/2	527.99	1/2	169.99	1/2		1/2		1/2		1/2	
3/4	1,969.07	3/4	1,606.31	3/4	1,243.65	3/4	883.18	3/4	520.43	3/4	162.45	3/4		3/4		3/4		3/4	
3	1,961.51	3	1,598.75	3	1,236.13	3	875.62	3	512.88	3	154.91	3		3		3		3	
1/4	1,953.95	1/4	1,591.19	1/4	1,228.62	1/4	868.06	1/4	505.32	1/4	147.36	1/4		1/4		1/4		1/4	
1/2	1,946.40	1/2	1,583.64	1/2	1,221.11	1/2	860.51	1/2	497.76	1/2	139.82	1/2		1/2		1/2		1/2	
3/4	1,938.84	3/4	1,576.08	3/4	1,213.60	3/4	852.95	3/4	490.20	3/4	132.28	3/4		3/4		3/4		3/4	
4	1,931.28	4	1,568.52	4	1,206.10	4	845.39	4	482.65	4	124.74	4		4		4		4	
1/4	1,923.72	1/4	1,560.96	1/4	1,198.59	1/4	837.84	1/4	475.09	1/4	117.19	1/4		1/4		1/4		1/4	
1/2	1,916.17	1/2	1,553.41	1/2	1,191.09	1/2	830.28	1/2	467.53	1/2	109.73	1/2		1/2		1/2		1/2	
3/4	1,908.61	3/4	1,545.85	3/4	1,183.58	3/4	822.72	3/4	459.98	3/4	102.27	3/4		3/4		3/4		3/4	
5	1,901.05	5	1,538.29	5	1,176.08	5	815.16	5	452.42	5	94.80	5		5		5		5	
1/4	1,893.49	1/4	1,530.73	1/4	1,168.57	1/4	807.61	1/4	444.86	1/4	87.34	1/4		1/4		1/4		1/4	
1/2	1,885.94	1/2	1,523.18	1/2	1,161.06	1/2	800.05	1/2	437.32	1/2	80.59	1/2		1/2		1/2		1/2	
3/4	1,878.38	3/4	1,515.62	3/4	1,153.56	3/4	792.49	3/4	429.78	3/4	73.83	3/4		3/4		3/4		3/4	
6	1,870.82	6	1,508.06	6	1,146.05	6	784.93	6	422.24	6	67.08	6		6		6		6	
1/4	1,863.26	1/4	1,500.50	1/4	1,138.55	1/4	777.38	1/4	414.70	1/4	60.32	1/4		1/4		1/4		1/4	
1/2	1,855.71	1/2	1,492.95	1/2	1,131.04	1/2	769.82	1/2	407.30	1/2	54.83	1/2		1/2		1/2		1/2	
3/4	1,848.15	3/4	1,485.39	3/4	1,123.54	3/4	762.26	3/4	399.89	3/4	49.33	3/4		3/4		3/4		3/4	
7	1,840.59	7	1,477.83	7	1,116.03	7	754.71	7	392.48	7	43.84	7		7		7		7	
1/4	1,833.03	1/4	1,470.27	1/4	1,108.52	1/4	747.15	1/4	385.07	1/4	38.34	1/4		1/4		1/4		1/4	
1/2	1,825.48	1/2	1,462.72	1/2	1,101.02	1/2	739.59	1/2	377.66	1/2	34.10	1/2		1/2		1/2		1/2	
3/4	1,817.92	3/4	1,455.16	3/4	1,093.51	3/4	732.03	3/4	370.25	3/4	29.87	3/4		3/4		3/4		3/4	
8	1,810.36	8	1,447.60	8	1,086.01	8	724.48	8	362.84	8	25.63	8		8		8		8	
1/4	1,802.80	1/4	1,440.04	1/4	1,078.50	1/4	716.92	1/4	355.43	1/4	21.39	1/4		1/4		1/4		1/4	
1/2	1,795.25	1/2	1,432.49	1/2	1,071.00	1/2	709.36	1/2	348.02	1/2		1/2		1/2		1/2		1/2	
3/4	1,787.69	3/4	1,424.93	3/4	1,063.49	3/4	701.81	3/4	340.61	3/4		3/4		3/4		3/4		3/4	
9	1,780.13	9	1,417.37	9	1,055.98	9	694.25	9	333.20	9		9		9		9		9	
1/4	1,772.57	1/4	1,409.81	1/4	1,048.48	1/4	686.69	1/4	325.79	1/4		1/4		1/4		1/4		1/4	
1/2	1,765.02	1/2	1,402.26	1/2	1,040.97	1/2	679.13	1/2	318.38	1/2		1/2		1/2		1/2		1/2	
3/4	1,757.46	3/4	1,394.70	3/4	1,033.47	3/4	671.58	3/4	310.97	3/4		3/4		3/4		3/4		3/4	
10	1,749.90	10	1,387.14	10	1,025.96	10	664.02	10	303.56	10		10		10		10		10	
1/4	1,742.34	1/4	1,379.58	1/4	1,018.46	1/4	656.46	1/4	296.15	1/4		1/4		1/4		1/4		1/4	
1/2	1,734.79	1/2	1,372.03	1/2	1,010.95	1/2	648.91	1/2	288.74	1/2		1/2		1/2		1/2		1/2	
3/4	1,727.23	3/4	1,364.47	3/4	1,003.45	3/4	641.35	3/4	281.33	3/4		3/4		3/4		3/4		3/4	
11	1,719.67	11	1,356.91	11	995.94	11	633.79	11	273.92	11		11		11		11		11	
1/4	1,712.11	1/4	1,349.35	1/4	988.43	1/4	626.23	1/4	266.51	1/4		1/4		1/4		1/4		1/4	
1/2	1,704.56	1/2	1,341.80	1/2	980.93	1/2	618.68	1/2	259.11	1/2		1/2		1/2		1/2		1/2	
3/4	1,697.00	3/4	1,334.24	3/4	973.42	3/4	611.12	3/4	251.70	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/26/2020 JS
CALCULATED: 02/27/2020 CL
PRINTED: 02/28/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2020

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

BARGE "DBL 318"

2 PORT

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08-1/2"

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		0	4,901.78	0	4,568.79	0	4,216.72	0	3,855.89	0	3,495.05	0	3,134.21	0	2,773.37	0	2,412.45
1/4		1/4		1/4	4,895.04	1/4	4,561.64	1/4	4,209.21	1/4	3,848.37	1/4	3,487.53	1/4	3,126.69	1/4	2,765.85	1/4	2,404.93
1/2		1/2	5,219.52	1/2	4,888.30	1/2	4,554.50	1/2	4,201.70	1/2	3,840.86	1/2	3,480.02	1/2	3,119.18	1/2	2,758.34	1/2	2,397.41
3/4		3/4	5,214.43	3/4	4,881.54	3/4	4,547.32	3/4	4,194.18	3/4	3,833.34	3/4	3,472.50	3/4	3,111.66	3/4	2,750.82	3/4	2,389.89
1		1	5,209.33	1	4,874.77	1	4,540.15	1	4,186.66	1	3,825.82	1	3,464.98	1	3,104.14	1	2,743.30	1	2,382.37
1/4		1/4	5,204.24	1/4	4,868.00	1/4	4,532.97	1/4	4,179.14	1/4	3,818.30	1/4	3,457.46	1/4	3,096.62	1/4	2,735.78	1/4	2,374.85
1/2		1/2	5,199.14	1/2	4,861.23	1/2	4,525.79	1/2	4,171.63	1/2	3,810.79	1/2	3,449.95	1/2	3,089.11	1/2	2,728.27	1/2	2,367.33
3/4		3/4	5,192.84	3/4	4,854.43	3/4	4,518.58	3/4	4,164.11	3/4	3,803.27	3/4	3,442.43	3/4	3,081.59	3/4	2,720.75	3/4	2,359.81
2		2	5,186.54	2	4,847.63	2	4,511.37	2	4,156.59	2	3,795.75	2	3,434.91	2	3,074.07	2	2,713.23	2	2,352.29
1/4		1/4	5,180.24	1/4	4,840.84	1/4	4,504.16	1/4	4,149.07	1/4	3,788.23	1/4	3,427.39	1/4	3,066.55	1/4	2,705.71	1/4	2,344.77
1/2		1/2	5,173.93	1/2	4,834.04	1/2	4,496.95	1/2	4,141.56	1/2	3,780.72	1/2	3,419.88	1/2	3,059.04	1/2	2,698.20	1/2	2,337.25
3/4		3/4	5,166.65	3/4	4,827.21	3/4	4,489.71	3/4	4,134.04	3/4	3,773.20	3/4	3,412.36	3/4	3,051.52	3/4	2,690.68	3/4	2,329.73
3		3	5,159.37	3	4,820.38	3	4,482.47	3	4,126.52	3	3,765.68	3	3,404.84	3	3,044.00	3	2,683.16	3	2,322.21
1/4		1/4	5,152.08	1/4	4,813.55	1/4	4,475.23	1/4	4,119.00	1/4	3,758.16	1/4	3,397.32	1/4	3,036.48	1/4	2,675.64	1/4	2,314.69
1/2		1/2	5,144.80	1/2	4,806.72	1/2	4,467.99	1/2	4,111.49	1/2	3,750.65	1/2	3,389.81	1/2	3,028.97	1/2	2,668.13	1/2	2,307.17
3/4		3/4	5,137.38	3/4	4,799.86	3/4	4,460.72	3/4	4,103.97	3/4	3,743.13	3/4	3,382.29	3/4	3,021.45	3/4	2,660.61	3/4	2,299.65
4		4	5,129.96	4	4,793.00	4	4,453.45	4	4,096.45	4	3,735.61	4	3,374.77	4	3,013.93	4	2,653.09	4	2,292.13
1/4		1/4	5,122.54	1/4	4,786.13	1/4	4,446.18	1/4	4,088.93	1/4	3,728.09	1/4	3,367.25	1/4	3,006.41	1/4	2,645.57	1/4	2,284.61
1/2		1/2	5,115.12	1/2	4,779.27	1/2	4,438.91	1/2	4,081.42	1/2	3,720.58	1/2	3,359.74	1/2	2,998.90	1/2	2,638.06	1/2	2,277.08
3/4		3/4	5,107.70	3/4	4,772.37	3/4	4,431.60	3/4	4,073.90	3/4	3,713.06	3/4	3,352.22	3/4	2,991.38	3/4	2,630.53	3/4	2,269.56
5		5	5,100.29	5	4,765.48	5	4,424.30	5	4,066.38	5	3,705.54	5	3,344.70	5	2,983.86	5	2,623.01	5	2,262.04
1/4		1/4	5,092.87	1/4	4,758.58	1/4	4,417.00	1/4	4,058.86	1/4	3,698.02	1/4	3,337.18	1/4	2,976.34	1/4	2,615.49	1/4	2,254.52
1/2		1/2	5,085.45	1/2	4,751.69	1/2	4,409.69	1/2	4,051.35	1/2	3,690.51	1/2	3,329.67	1/2	2,968.83	1/2	2,607.97	1/2	2,247.00
3/4		3/4	5,078.03	3/4	4,744.76	3/4	4,402.35	3/4	4,043.83	3/4	3,682.99	3/4	3,322.15	3/4	2,961.31	3/4	2,600.45	3/4	2,239.48
6		6	5,070.61	6	4,737.83	6	4,395.02	6	4,036.31	6	3,675.47	6	3,314.63	6	2,953.79	6	2,592.93	6	2,231.96
1/4		1/4	5,063.19	1/4	4,730.91	1/4	4,387.68	1/4	4,028.79	1/4	3,667.95	1/4	3,307.11	1/4	2,946.27	1/4	2,585.41	1/4	2,224.44
1/2		1/2	5,055.77	1/2	4,723.98	1/2	4,380.34	1/2	4,021.28	1/2	3,660.44	1/2	3,299.60	1/2	2,938.76	1/2	2,577.89	1/2	2,216.92
3/4		3/4	5,048.35	3/4	4,717.02	3/4	4,372.97	3/4	4,013.76	3/4	3,652.92	3/4	3,292.08	3/4	2,931.24	3/4	2,570.37	3/4	2,209.40
7		7	5,040.93	7	4,710.06	7	4,365.61	7	4,006.24	7	3,645.40	7	3,284.56	7	2,923.72	7	2,562.85	7	2,201.88
1/4		1/4	5,033.51	1/4	4,703.10	1/4	4,358.24	1/4	3,998.72	1/4	3,637.88	1/4	3,277.04	1/4	2,916.20	1/4	2,555.33	1/4	2,194.36
1/2		1/2	5,026.09	1/2	4,696.14	1/2	4,350.87	1/2	3,991.21	1/2	3,630.37	1/2	3,269.53	1/2	2,908.69	1/2	2,547.81	1/2	2,186.84
3/4		3/4	5,018.72	3/4	4,689.12	3/4	4,343.47	3/4	3,983.69	3/4	3,622.85	3/4	3,262.01	3/4	2,901.17	3/4	2,540.29	3/4	2,179.32
8		8	5,011.36	8	4,682.10	8	4,336.08	8	3,976.17	8	3,615.33	8	3,254.49	8	2,893.65	8	2,532.77	8	2,171.80
1/4		1/4	5,003.99	1/4	4,675.08	1/4	4,328.68	1/4	3,968.65	1/4	3,607.81	1/4	3,246.97	1/4	2,886.13	1/4	2,525.25	1/4	2,164.28
1/2		1/2	4,996.62	1/2	4,668.06	1/2	4,321.28	1/2	3,961.14	1/2	3,600.30	1/2	3,239.46	1/2	2,878.62	1/2	2,517.73	1/2	2,156.76
3/4		3/4	4,989.66	3/4	4,661.01	3/4	4,313.85	3/4	3,953.62	3/4	3,592.78	3/4	3,231.94	3/4	2,871.10	3/4	2,510.21	3/4	2,149.24
9		9	4,982.70	9	4,653.96	9	4,306.42	9	3,946.10	9	3,585.26	9	3,224.42	9	2,863.58	9	2,502.69	9	2,141.72
1/4		1/4	4,975.74	1/4	4,646.91	1/4	4,299.00	1/4	3,938.58	1/4	3,577.74	1/4	3,216.90	1/4	2,856.06	1/4	2,495.17	1/4	2,134.20
1/2		1/2	4,968.78	1/2	4,639.85	1/2	4,291.57	1/2	3,931.07	1/2	3,570.23	1/2	3,209.39	1/2	2,848.55	1/2	2,487.65	1/2	2,126.68
3/4		3/4	4,962.11	3/4	4,632.77	3/4	4,284.11	3/4	3,923.55	3/4	3,562.71	3/4	3,201.87	3/4	2,841.03	3/4	2,480.13	3/4	2,119.16
10		10	4,955.44	10	4,625.69	10	4,276.64	10	3,916.03	10	3,555.19	10	3,194.35	10	2,833.51	10	2,472.61	10	2,111.64
1/4		1/4	4,948.76	1/4	4,618.61	1/4	4,269.18	1/4	3,908.51	1/4	3,547.67	1/4	3,186.83	1/4	2,825.99	1/4	2,465.09	1/4	2,104.12
1/2		1/2	4,942.09	1/2	4,611.52	1/2	4,261.72	1/2	3,901.00	1/2	3,540.16	1/2	3,179.32	1/2	2,818.48	1/2	2,457.57	1/2	2,096.60
3/4		3/4	4,935.38	3/4	4,604.41	3/4	4,254.23	3/4	3,893.48	3/4	3,532.64	3/4	3,171.80	3/4	2,810.96	3/4	2,450.05	3/4	2,089.08
11		11	4,928.67	11	4,597.30	11	4,246.73	11	3,885.96	11	3,525.12	11	3,164.28	11	2,803.44	11	2,442.53	11	2,081.56
1/4		1/4	4,921.97	1/4	4,590.19	1/4	4,239.24	1/4	3,878.44	1/4	3,517.60	1/4	3,156.76	1/4	2,795.92	1/4	2,435.01	1/4	2,074.04
1/2		1/2	4,915.26	1/2	4,583.07	1/2	4,231.74	1/2	3,870.93	1/2	3,510.09	1/2	3,149.25	1/2	2,788.41	1/2	2,427.49	1/2	2,066.52
3/4		3/4	4,908.52	3/4	4,575.93	3/4	4,224.23	3/4	3,863.41	3/4	3,502.57	3/4	3,141.73	3/4	2,780.89	3/4	2,419.97	3/4	2,059.00

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" DIAMETER "HERMETIC" VALVE.
GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

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

BARGE "DBL 318"

2 PORT
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08-1/2"

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	2,051.48	0	1,690.51	0	1,329.54	0	968.99	0	608.10	0	250.46	0		0		0		0	
1/4	2,043.96	1/4	1,682.99	1/4	1,322.02	1/4	961.48	1/4	600.58	1/4	243.08	1/4		1/4		1/4		1/4	
1/2	2,036.44	1/2	1,675.47	1/2	1,314.50	1/2	953.97	1/2	593.06	1/2	235.71	1/2		1/2		1/2		1/2	
3/4	2,028.92	3/4	1,667.95	3/4	1,306.98	3/4	946.46	3/4	585.54	3/4	228.34	3/4		3/4		3/4		3/4	
1	2,021.40	1	1,660.43	1	1,299.46	1	938.95	1	578.02	1	220.96	1		1		1		1	
1/4	2,013.88	1/4	1,652.91	1/4	1,291.94	1/4	931.44	1/4	570.50	1/4	213.59	1/4		1/4		1/4		1/4	
1/2	2,006.36	1/2	1,645.39	1/2	1,284.42	1/2	923.93	1/2	562.98	1/2	206.22	1/2		1/2		1/2		1/2	
3/4	1,998.84	3/4	1,637.87	3/4	1,276.90	3/4	916.41	3/4	555.46	3/4	198.83	3/4		3/4		3/4		3/4	
2	1,991.32	2	1,630.35	2	1,269.38	2	908.89	2	547.94	2	191.44	2		2		2		2	
1/4	1,983.80	1/4	1,622.83	1/4	1,261.86	1/4	901.37	1/4	540.42	1/4	184.05	1/4		1/4		1/4		1/4	
1/2	1,976.28	1/2	1,615.31	1/2	1,254.34	1/2	893.85	1/2	532.90	1/2	176.66	1/2		1/2		1/2		1/2	
3/4	1,968.76	3/4	1,607.79	3/4	1,246.82	3/4	886.33	3/4	525.38	3/4	169.16	3/4		3/4		3/4		3/4	
3	1,961.24	3	1,600.27	3	1,239.30	3	878.81	3	517.86	3	161.65	3		3		3		3	
1/4	1,953.72	1/4	1,592.75	1/4	1,231.78	1/4	871.29	1/4	510.34	1/4	154.15	1/4		1/4		1/4		1/4	
1/2	1,946.20	1/2	1,585.23	1/2	1,224.27	1/2	863.77	1/2	502.82	1/2	146.64	1/2		1/2		1/2		1/2	
3/4	1,938.68	3/4	1,577.71	3/4	1,216.76	3/4	856.25	3/4	495.30	3/4	139.14	3/4		3/4		3/4		3/4	
4	1,931.16	4	1,570.19	4	1,209.25	4	848.73	4	487.78	4	131.63	4		4		4		4	
1/4	1,923.64	1/4	1,562.67	1/4	1,201.74	1/4	841.21	1/4	480.26	1/4	124.13	1/4		1/4		1/4		1/4	
1/2	1,916.12	1/2	1,555.15	1/2	1,194.23	1/2	833.69	1/2	472.74	1/2	116.62	1/2		1/2		1/2		1/2	
3/4	1,908.60	3/4	1,547.63	3/4	1,186.73	3/4	826.17	3/4	465.22	3/4	109.19	3/4		3/4		3/4		3/4	
5	1,901.07	5	1,540.11	5	1,179.22	5	818.65	5	457.70	5	101.77	5		5		5		5	
1/4	1,893.55	1/4	1,532.59	1/4	1,171.71	1/4	811.13	1/4	450.18	1/4	94.34	1/4		1/4		1/4		1/4	
1/2	1,886.03	1/2	1,525.06	1/2	1,164.20	1/2	803.61	1/2	442.66	1/2	86.91	1/2		1/2		1/2		1/2	
3/4	1,878.51	3/4	1,517.54	3/4	1,156.69	3/4	796.09	3/4	435.16	3/4	80.19	3/4		3/4		3/4		3/4	
6	1,870.99	6	1,510.02	6	1,149.19	6	788.57	6	427.66	6	73.47	6		6		6		6	
1/4	1,863.47	1/4	1,502.50	1/4	1,141.68	1/4	781.05	1/4	420.15	1/4	66.75	1/4		1/4		1/4		1/4	
1/2	1,855.95	1/2	1,494.98	1/2	1,134.17	1/2	773.53	1/2	412.65	1/2	60.03	1/2		1/2		1/2		1/2	
3/4	1,848.43	3/4	1,487.46	3/4	1,126.66	3/4	766.01	3/4	405.28	3/4	54.56	3/4		3/4		3/4		3/4	
7	1,840.91	7	1,479.94	7	1,119.15	7	758.50	7	397.91	7	49.09	7		7		7		7	
1/4	1,833.39	1/4	1,472.42	1/4	1,111.64	1/4	750.98	1/4	390.53	1/4	43.62	1/4		1/4		1/4		1/4	
1/2	1,825.87	1/2	1,464.90	1/2	1,104.14	1/2	743.46	1/2	383.16	1/2	38.16	1/2		1/2		1/2		1/2	
3/4	1,818.35	3/4	1,457.38	3/4	1,096.63	3/4	735.94	3/4	375.79	3/4	33.94	3/4		3/4		3/4		3/4	
8	1,810.83	8	1,449.86	8	1,089.12	8	728.42	8	368.42	8	29.72	8		8		8		8	
1/4	1,803.31	1/4	1,442.34	1/4	1,081.61	1/4	720.90	1/4	361.04	1/4	25.51	1/4		1/4		1/4		1/4	
1/2	1,795.79	1/2	1,434.82	1/2	1,074.10	1/2	713.38	1/2	353.67	1/2	21.29	1/2		1/2		1/2		1/2	
3/4	1,788.27	3/4	1,427.30	3/4	1,066.60	3/4	705.86	3/4	346.30	3/4		3/4		3/4		3/4		3/4	
9	1,780.75	9	1,419.78	9	1,059.09	9	698.34	9	338.93	9		9		9		9		9	
1/4	1,773.23	1/4	1,412.26	1/4	1,051.58	1/4	690.82	1/4	331.55	1/4		1/4		1/4		1/4		1/4	
1/2	1,765.71	1/2	1,404.74	1/2	1,044.07	1/2	683.30	1/2	324.18	1/2		1/2		1/2		1/2		1/2	
3/4	1,758.19	3/4	1,397.22	3/4	1,036.56	3/4	675.78	3/4	316.81	3/4		3/4		3/4		3/4		3/4	
10	1,750.67	10	1,389.70	10	1,029.06	10	668.26	10	309.44	10		10		10		10		10	
1/4	1,743.15	1/4	1,382.18	1/4	1,021.55	1/4	660.74	1/4	302.06	1/4		1/4		1/4		1/4		1/4	
1/2	1,735.63	1/2	1,374.66	1/2	1,014.04	1/2	653.22	1/2	294.69	1/2		1/2		1/2		1/2		1/2	
3/4	1,728.11	3/4	1,367.14	3/4	1,006.53	3/4	645.70	3/4	287.32	3/4		3/4		3/4		3/4		3/4	
11	1,720.59	11	1,359.62	11	999.02	11	638.18	11	279.95	11		11		11		11		11	
1/4	1,713.07	1/4	1,352.10	1/4	991.51	1/4	630.66	1/4	272.57	1/4		1/4		1/4		1/4		1/4	
1/2	1,705.55	1/2	1,344.58	1/2	984.01	1/2	623.14	1/2	265.20	1/2		1/2		1/2		1/2		1/2	
3/4	1,698.03	3/4	1,337.06	3/4	976.50	3/4	615.62	3/4	257.83	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/26/2020 JS
CALCULATED: 02/27/2020 CL
PRINTED: 02/28/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2020

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

BARGE "DBL 318"

2 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08"

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	5,214.36	0	4,882.35	0	4,547.75	0	4,194.10	0	3,832.40	0	3,470.70	0	3,109.00	0	2,747.36	0	2,387.24
1/4		1/4	5,209.25	1/4	4,875.57	1/4	4,540.55	1/4	4,186.56	1/4	3,824.87	1/4	3,463.17	1/4	3,101.47	1/4	2,739.93	1/4	2,379.70
1/2		1/2	5,204.15	1/2	4,868.78	1/2	4,533.36	1/2	4,179.03	1/2	3,817.33	1/2	3,455.63	1/2	3,093.93	1/2	2,732.50	1/2	2,372.16
3/4		3/4	5,199.04	3/4	4,862.00	3/4	4,526.16	3/4	4,171.49	3/4	3,809.79	3/4	3,448.09	3/4	3,086.40	3/4	2,725.07	3/4	2,364.62
1		1	5,193.94	1	4,855.22	1	4,518.97	1	4,163.96	1	3,802.26	1	3,440.56	1	3,078.86	1	2,717.64	1	2,357.08
1/4		1/4	5,187.62	1/4	4,848.40	1/4	4,511.74	1/4	4,156.42	1/4	3,794.72	1/4	3,433.02	1/4	3,071.32	1/4	2,710.21	1/4	2,349.54
1/2		1/2	5,181.30	1/2	4,841.59	1/2	4,504.51	1/2	4,148.89	1/2	3,787.19	1/2	3,425.49	1/2	3,063.79	1/2	2,702.78	1/2	2,342.01
3/4		3/4	5,174.98	3/4	4,834.77	3/4	4,497.29	3/4	4,141.35	3/4	3,779.65	3/4	3,417.95	3/4	3,056.25	3/4	2,695.35	3/4	2,334.47
2		2	5,168.66	2	4,827.96	2	4,490.06	2	4,133.82	2	3,772.12	2	3,410.42	2	3,048.72	2	2,687.92	2	2,326.93
1/4		1/4	5,161.37	1/4	4,821.11	1/4	4,482.80	1/4	4,126.28	1/4	3,764.58	1/4	3,402.88	1/4	3,041.18	1/4	2,680.50	1/4	2,319.39
1/2		1/2	5,154.07	1/2	4,814.26	1/2	4,475.54	1/2	4,118.75	1/2	3,757.05	1/2	3,395.35	1/2	3,033.65	1/2	2,673.07	1/2	2,311.85
3/4		3/4	5,146.77	3/4	4,807.42	3/4	4,468.29	3/4	4,111.21	3/4	3,749.51	3/4	3,387.81	3/4	3,026.11	3/4	2,665.64	3/4	2,304.32
3		3	5,139.47	3	4,800.57	3	4,461.03	3	4,103.67	3	3,741.98	3	3,380.28	3	3,018.58	3	2,658.21	3	2,296.78
1/4		1/4	5,132.03	1/4	4,793.69	1/4	4,453.74	1/4	4,096.14	1/4	3,734.44	1/4	3,372.74	1/4	3,011.04	1/4	2,650.77	1/4	2,289.24
1/2		1/2	5,124.59	1/2	4,786.81	1/2	4,446.45	1/2	4,088.60	1/2	3,726.90	1/2	3,365.21	1/2	3,003.51	1/2	2,643.32	1/2	2,281.70
3/4		3/4	5,117.16	3/4	4,779.94	3/4	4,439.17	3/4	4,081.07	3/4	3,719.37	3/4	3,357.67	3/4	2,995.97	3/4	2,635.88	3/4	2,274.16
4		4	5,109.72	4	4,773.06	4	4,431.88	4	4,073.53	4	3,711.83	4	3,350.13	4	2,988.44	4	2,628.44	4	2,266.62
1/4		1/4	5,102.28	1/4	4,766.14	1/4	4,424.56	1/4	4,066.00	1/4	3,704.30	1/4	3,342.60	1/4	2,980.90	1/4	2,620.91	1/4	2,259.09
1/2		1/2	5,094.84	1/2	4,759.23	1/2	4,417.23	1/2	4,058.46	1/2	3,696.76	1/2	3,335.06	1/2	2,973.36	1/2	2,613.37	1/2	2,251.55
3/4		3/4	5,087.41	3/4	4,752.32	3/4	4,409.91	3/4	4,050.93	3/4	3,689.23	3/4	3,327.53	3/4	2,965.83	3/4	2,605.84	3/4	2,244.01
5		5	5,079.97	5	4,745.40	5	4,402.59	5	4,043.39	5	3,681.69	5	3,319.99	5	2,958.29	5	2,598.31	5	2,236.47
1/4		1/4	5,072.53	1/4	4,738.46	1/4	4,395.24	1/4	4,035.86	1/4	3,674.16	1/4	3,312.46	1/4	2,950.76	1/4	2,590.77	1/4	2,228.93
1/2		1/2	5,065.10	1/2	4,731.52	1/2	4,387.88	1/2	4,028.32	1/2	3,666.62	1/2	3,304.92	1/2	2,943.22	1/2	2,583.23	1/2	2,221.40
3/4		3/4	5,057.66	3/4	4,724.58	3/4	4,380.52	3/4	4,020.79	3/4	3,659.09	3/4	3,297.39	3/4	2,935.69	3/4	2,575.69	3/4	2,213.86
6		6	5,050.22	6	4,717.63	6	4,373.17	6	4,013.25	6	3,651.55	6	3,289.85	6	2,928.15	6	2,568.15	6	2,206.32
1/4		1/4	5,042.78	1/4	4,710.66	1/4	4,365.78	1/4	4,005.71	1/4	3,644.02	1/4	3,282.32	1/4	2,920.62	1/4	2,560.61	1/4	2,198.78
1/2		1/2	5,035.35	1/2	4,703.68	1/2	4,358.40	1/2	3,998.18	1/2	3,636.48	1/2	3,274.78	1/2	2,913.08	1/2	2,553.08	1/2	2,191.24
3/4		3/4	5,027.91	3/4	4,696.70	3/4	4,351.01	3/4	3,990.64	3/4	3,628.94	3/4	3,267.25	3/4	2,905.55	3/4	2,545.54	3/4	2,183.70
7		7	5,020.47	7	4,689.73	7	4,343.63	7	3,983.11	7	3,621.41	7	3,259.71	7	2,898.01	7	2,538.00	7	2,176.17
1/4		1/4	5,013.09	1/4	4,682.69	1/4	4,336.21	1/4	3,975.57	1/4	3,613.87	1/4	3,252.17	1/4	2,890.48	1/4	2,530.46	1/4	2,168.63
1/2		1/2	5,005.70	1/2	4,675.65	1/2	4,328.80	1/2	3,968.04	1/2	3,606.34	1/2	3,244.64	1/2	2,882.94	1/2	2,522.92	1/2	2,161.09
3/4		3/4	4,998.32	3/4	4,668.62	3/4	4,321.38	3/4	3,960.50	3/4	3,598.80	3/4	3,237.10	3/4	2,875.40	3/4	2,515.39	3/4	2,153.55
8		8	4,990.93	8	4,661.58	8	4,313.97	8	3,952.97	8	3,591.27	8	3,229.57	8	2,867.87	8	2,507.85	8	2,146.01
1/4		1/4	4,983.96	1/4	4,654.51	1/4	4,306.52	1/4	3,945.43	1/4	3,583.73	1/4	3,222.03	1/4	2,860.33	1/4	2,500.31	1/4	2,138.48
1/2		1/2	4,976.98	1/2	4,647.44	1/2	4,299.08	1/2	3,937.90	1/2	3,576.20	1/2	3,214.50	1/2	2,852.80	1/2	2,492.77	1/2	2,130.94
3/4		3/4	4,970.00	3/4	4,640.37	3/4	4,291.63	3/4	3,930.36	3/4	3,568.66	3/4	3,206.96	3/4	2,845.26	3/4	2,485.23	3/4	2,123.40
9		9	4,963.03	9	4,633.30	9	4,284.18	9	3,922.83	9	3,561.13	9	3,199.43	9	2,837.73	9	2,477.69	9	2,115.86
1/4		1/4	4,956.34	1/4	4,626.20	1/4	4,276.70	1/4	3,915.29	1/4	3,553.59	1/4	3,191.89	1/4	2,830.19	1/4	2,470.16	1/4	2,108.32
1/2		1/2	4,949.65	1/2	4,619.10	1/2	4,269.22	1/2	3,907.75	1/2	3,546.06	1/2	3,184.36	1/2	2,822.66	1/2	2,462.62	1/2	2,100.78
3/4		3/4	4,942.96	3/4	4,612.00	3/4	4,261.74	3/4	3,900.22	3/4	3,538.52	3/4	3,176.82	3/4	2,815.12	3/4	2,455.08	3/4	2,093.25
10		10	4,936.27	10	4,604.91	10	4,254.27	10	3,892.68	10	3,530.98	10	3,169.29	10	2,807.59	10	2,447.54	10	2,085.71
1/4		1/4	4,929.54	1/4	4,597.78	1/4	4,246.75	1/4	3,885.15	1/4	3,523.45	1/4	3,161.75	1/4	2,800.05	1/4	2,440.00	1/4	2,078.17
1/2		1/2	4,922.82	1/2	4,590.65	1/2	4,239.24	1/2	3,877.61	1/2	3,515.91	1/2	3,154.21	1/2	2,792.52	1/2	2,432.47	1/2	2,070.63
3/4		3/4	4,916.10	3/4	4,583.52	3/4	4,231.73	3/4	3,870.08	3/4	3,508.38	3/4	3,146.68	3/4	2,784.98	3/4	2,424.93	3/4	2,063.09
11		11	4,909.37	11	4,576.39	11	4,224.22	11	3,862.54	11	3,500.84	11	3,139.14	11	2,777.44	11	2,417.39	11	2,055.56
1/4		1/4	4,902.62	1/4	4,569.23	1/4	4,216.69	1/4	3,855.01	1/4	3,493.31	1/4	3,131.61	1/4	2,769.92	1/4	2,409.85	1/4	2,048.02
1/2		1/2	4,895.86	1/2	4,562.07	1/2	4,209.16	1/2	3,847.47	1/2	3,485.77	1/2	3,124.07	1/2	2,762.40	1/2	2,402.31	1/2	2,040.48
3/4		3/4	4,889.11	3/4	4,554.91	3/4	4,201.63	3/4	3,839.94	3/4	3,478.24	3/4	3,116.54	3/4	2,754.88	3/4	2,394.77	3/4	2,032.94

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" DIAMETER "HERMETIC" VALVE.
GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

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

BARGE "DBL 318"

2 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08"

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	2,025.40	0	1,663.57	0	1,301.74	0	953.76	0	594.47	0	236.27	0		0		0		0	
1/4	2,017.86	1/4	1,656.03	1/4	1,294.20	1/4	946.57	1/4	586.93	1/4	228.88	1/4		1/4		1/4		1/4	
1/2	2,010.33	1/2	1,648.49	1/2	1,286.66	1/2	939.37	1/2	579.39	1/2	221.49	1/2		1/2		1/2		1/2	
3/4	2,002.79	3/4	1,640.95	3/4	1,279.12	3/4	932.17	3/4	571.86	3/4	214.10	3/4		3/4		3/4		3/4	
1	1,995.25	1	1,633.42	1	1,271.58	1	924.98	1	564.32	1	206.71	1		1		1		1	
1/4	1,987.71	1/4	1,625.88	1/4	1,264.09	1/4	917.73	1/4	556.78	1/4	199.30	1/4		1/4		1/4		1/4	
1/2	1,980.17	1/2	1,618.34	1/2	1,256.59	1/2	910.48	1/2	549.24	1/2	191.90	1/2		1/2		1/2		1/2	
3/4	1,972.63	3/4	1,610.80	3/4	1,249.09	3/4	903.23	3/4	541.71	3/4	184.49	3/4		3/4		3/4		3/4	
2	1,965.10	2	1,603.26	2	1,241.60	2	895.99	2	534.17	2	177.08	2		2		2		2	
1/4	1,957.56	1/4	1,595.72	1/4	1,234.39	1/4	888.45	1/4	526.63	1/4	169.56	1/4		1/4		1/4		1/4	
1/2	1,950.02	1/2	1,588.19	1/2	1,227.18	1/2	880.91	1/2	519.09	1/2	162.04	1/2		1/2		1/2		1/2	
3/4	1,942.48	3/4	1,580.65	3/4	1,219.98	3/4	873.37	3/4	511.55	3/4	154.51	3/4		3/4		3/4		3/4	
3	1,934.94	3	1,573.11	3	1,212.77	3	865.84	3	504.02	3	146.99	3		3		3		3	
1/4	1,927.41	1/4	1,565.57	1/4	1,205.58	1/4	858.30	1/4	496.48	1/4	139.47	1/4		1/4		1/4		1/4	
1/2	1,919.87	1/2	1,558.03	1/2	1,198.38	1/2	850.76	1/2	488.94	1/2	131.94	1/2		1/2		1/2		1/2	
3/4	1,912.33	3/4	1,550.50	3/4	1,191.19	3/4	843.22	3/4	481.40	3/4	124.42	3/4		3/4		3/4		3/4	
4	1,904.79	4	1,542.96	4	1,184.00	4	835.68	4	473.86	4	116.90	4		4		4		4	
1/4	1,897.25	1/4	1,535.42	1/4	1,176.80	1/4	828.15	1/4	466.33	1/4	109.45	1/4		1/4		1/4		1/4	
1/2	1,889.71	1/2	1,527.88	1/2	1,169.61	1/2	820.61	1/2	458.79	1/2	102.01	1/2		1/2		1/2		1/2	
3/4	1,882.18	3/4	1,520.34	3/4	1,162.41	3/4	813.07	3/4	451.25	3/4	94.56	3/4		3/4		3/4		3/4	
5	1,874.64	5	1,512.80	5	1,155.22	5	805.53	5	443.71	5	87.12	5		5		5		5	
1/4	1,867.10	1/4	1,505.27	1/4	1,148.02	1/4	797.99	1/4	436.19	1/4	80.38	1/4		1/4		1/4		1/4	
1/2	1,859.56	1/2	1,497.73	1/2	1,140.83	1/2	790.46	1/2	428.67	1/2	73.64	1/2		1/2		1/2		1/2	
3/4	1,852.02	3/4	1,490.19	3/4	1,133.63	3/4	782.92	3/4	421.15	3/4	66.91	3/4		3/4		3/4		3/4	
6	1,844.49	6	1,482.65	6	1,126.44	6	775.38	6	413.63	6	60.17	6		6		6		6	
1/4	1,836.95	1/4	1,475.11	1/4	1,119.24	1/4	767.84	1/4	406.24	1/4	54.69	1/4		1/4		1/4		1/4	
1/2	1,829.41	1/2	1,467.58	1/2	1,112.05	1/2	760.30	1/2	398.85	1/2	49.21	1/2		1/2		1/2		1/2	
3/4	1,821.87	3/4	1,460.04	3/4	1,104.85	3/4	752.77	3/4	391.46	3/4	43.73	3/4		3/4		3/4		3/4	
7	1,814.33	7	1,452.50	7	1,097.66	7	745.23	7	384.07	7	38.25	7		7		7		7	
1/4	1,806.79	1/4	1,444.96	1/4	1,090.46	1/4	737.69	1/4	376.68	1/4	34.02	1/4		1/4		1/4		1/4	
1/2	1,799.26	1/2	1,437.42	1/2	1,083.27	1/2	730.15	1/2	369.29	1/2	29.79	1/2		1/2		1/2		1/2	
3/4	1,791.72	3/4	1,429.88	3/4	1,076.07	3/4	722.62	3/4	361.90	3/4	25.57	3/4		3/4		3/4		3/4	
8	1,784.18	8	1,422.35	8	1,068.88	8	715.08	8	354.51	8	21.34	8		8		8		8	
1/4	1,776.64	1/4	1,414.81	1/4	1,061.68	1/4	707.54	1/4	347.12	1/4		1/4		1/4		1/4		1/4	
1/2	1,769.10	1/2	1,407.27	1/2	1,054.49	1/2	700.00	1/2	339.73	1/2		1/2		1/2		1/2		1/2	
3/4	1,761.57	3/4	1,399.73	3/4	1,047.29	3/4	692.46	3/4	332.34	3/4		3/4		3/4		3/4		3/4	
9	1,754.03	9	1,392.19	9	1,040.10	9	684.93	9	324.95	9		9		9		9		9	
1/4	1,746.49	1/4	1,384.66	1/4	1,032.90	1/4	677.39	1/4	317.56	1/4		1/4		1/4		1/4		1/4	
1/2	1,738.95	1/2	1,377.12	1/2	1,025.71	1/2	669.85	1/2	310.17	1/2		1/2		1/2		1/2		1/2	
3/4	1,731.41	3/4	1,369.58	3/4	1,018.51	3/4	662.31	3/4	302.78	3/4		3/4		3/4		3/4		3/4	
10	1,723.87	10	1,362.04	10	1,011.32	10	654.77	10	295.39	10		10		10		10		10	
1/4	1,716.34	1/4	1,354.50	1/4	1,004.13	1/4	647.24	1/4	288.00	1/4		1/4		1/4		1/4		1/4	
1/2	1,708.80	1/2	1,346.96	1/2	996.93	1/2	639.70	1/2	280.61	1/2		1/2		1/2		1/2		1/2	
3/4	1,701.26	3/4	1,339.43	3/4	989.74	3/4	632.16	3/4	273.22	3/4		3/4		3/4		3/4		3/4	
11	1,693.72	11	1,331.89	11	982.54	11	624.62	11	265.83	11		11		11		11		11	
1/4	1,686.18	1/4	1,324.35	1/4	975.35	1/4	617.08	1/4	258.44	1/4		1/4		1/4		1/4		1/4	
1/2	1,678.65	1/2	1,316.81	1/2	968.15	1/2	609.55	1/2	251.05	1/2		1/2		1/2		1/2		1/2	
3/4	1,671.11	3/4	1,309.27	3/4	960.96	3/4	602.01	3/4	243.66	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/26/2020 JS
CALCULATED: 02/27/2020 CL
PRINTED: 02/28/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2020

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

BARGE "DBL 318"

3 PORT

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,234.20	0	4,067.08	0	3,881.36	0	3,687.24	0	3,481.11	0	3,122.52	0	2,762.67	0	2,402.22
1/4		1/4	4,397.17	1/4	4,230.92	1/4	4,063.41	1/4	3,877.32	1/4	3,683.20	1/4	3,473.63	1/4	3,115.02	1/4	2,755.16	1/4	2,394.71
1/2		1/2	4,395.51	1/2	4,227.61	1/2	4,059.71	1/2	3,873.27	1/2	3,679.16	1/2	3,466.16	1/2	3,107.53	1/2	2,747.65	1/2	2,387.20
3/4		3/4	4,393.86	3/4	4,224.30	3/4	4,056.00	3/4	3,869.23	3/4	3,675.11	3/4	3,458.68	3/4	3,100.03	3/4	2,740.14	3/4	2,379.69
1		1	4,392.20	1	4,220.99	1	4,052.30	1	3,865.18	1	3,671.07	1	3,451.20	1	3,092.54	1	2,732.63	1	2,372.18
1/4		1/4	4,390.54	1/4	4,217.68	1/4	4,048.59	1/4	3,861.14	1/4	3,667.02	1/4	3,443.73	1/4	3,085.04	1/4	2,725.13	1/4	2,364.67
1/2		1/2	4,387.67	1/2	4,214.34	1/2	4,044.86	1/2	3,857.10	1/2	3,662.98	1/2	3,436.25	1/2	3,077.54	1/2	2,717.62	1/2	2,357.16
3/4		3/4	4,384.79	3/4	4,211.00	3/4	4,041.12	3/4	3,853.05	3/4	3,658.94	3/4	3,428.77	3/4	3,070.05	3/4	2,710.11	3/4	2,349.65
2		2	4,381.91	2	4,207.66	2	4,037.38	2	3,849.01	2	3,654.89	2	3,421.29	2	3,062.55	2	2,702.60	2	2,342.14
1/4		1/4	4,379.03	1/4	4,204.32	1/4	4,033.65	1/4	3,844.96	1/4	3,650.85	1/4	3,413.82	1/4	3,055.06	1/4	2,695.09	1/4	2,334.63
1/2		1/2	4,375.18	1/2	4,200.95	1/2	4,029.88	1/2	3,840.92	1/2	3,646.80	1/2	3,406.34	1/2	3,047.56	1/2	2,687.58	1/2	2,327.12
3/4		3/4	4,371.32	3/4	4,197.58	3/4	4,026.11	3/4	3,836.88	3/4	3,642.76	3/4	3,398.86	3/4	3,040.06	3/4	2,680.07	3/4	2,319.61
3		3	4,367.46	3	4,194.20	3	4,022.34	3	3,832.83	3	3,638.71	3	3,391.39	3	3,032.57	3	2,672.57	3	2,312.10
1/4		1/4	4,363.61	1/4	4,190.83	1/4	4,018.58	1/4	3,828.79	1/4	3,634.67	1/4	3,383.91	1/4	3,025.07	1/4	2,665.06	1/4	2,304.59
1/2		1/2	4,359.62	1/2	4,187.43	1/2	4,014.78	1/2	3,824.74	1/2	3,630.63	1/2	3,376.43	1/2	3,017.58	1/2	2,657.55	1/2	2,297.08
3/4		3/4	4,355.62	3/4	4,184.02	3/4	4,010.98	3/4	3,820.70	3/4	3,626.58	3/4	3,368.95	3/4	3,010.08	3/4	2,650.04	3/4	2,289.57
4		4	4,351.63	4	4,180.62	4	4,007.19	4	3,816.65	4	3,622.54	4	3,361.48	4	3,002.59	4	2,642.53	4	2,282.06
1/4		1/4	4,347.64	1/4	4,177.21	1/4	4,003.39	1/4	3,812.61	1/4	3,618.49	1/4	3,354.00	1/4	2,995.09	1/4	2,635.02	1/4	2,274.55
1/2		1/2	4,343.65	1/2	4,173.78	1/2	3,999.56	1/2	3,808.57	1/2	3,614.45	1/2	3,346.52	1/2	2,987.59	1/2	2,627.52	1/2	2,267.04
3/4		3/4	4,339.66	3/4	4,170.34	3/4	3,995.73	3/4	3,804.52	3/4	3,610.41	3/4	3,339.05	3/4	2,980.10	3/4	2,620.01	3/4	2,259.53
5		5	4,335.67	5	4,166.90	5	3,991.89	5	3,800.48	5	3,606.36	5	3,331.57	5	2,972.60	5	2,612.50	5	2,252.02
1/4		1/4	4,331.68	1/4	4,163.46	1/4	3,988.06	1/4	3,796.43	1/4	3,602.32	1/4	3,324.10	1/4	2,965.11	1/4	2,604.99	1/4	2,244.51
1/2		1/2	4,327.69	1/2	4,160.00	1/2	3,984.20	1/2	3,792.39	1/2	3,598.27	1/2	3,316.64	1/2	2,957.61	1/2	2,597.48	1/2	2,237.00
3/4		3/4	4,323.70	3/4	4,156.53	3/4	3,980.33	3/4	3,788.35	3/4	3,594.23	3/4	3,309.18	3/4	2,950.12	3/4	2,589.97	3/4	2,229.49
6		6	4,319.71	6	4,153.06	6	3,976.47	6	3,784.30	6	3,590.19	6	3,301.71	6	2,942.62	6	2,582.46	6	2,221.98
1/4		1/4	4,315.71	1/4	4,149.59	1/4	3,972.60	1/4	3,780.26	1/4	3,586.14	1/4	3,294.25	1/4	2,935.12	1/4	2,574.95	1/4	2,214.47
1/2		1/2	4,311.72	1/2	4,146.09	1/2	3,968.71	1/2	3,776.21	1/2	3,582.10	1/2	3,286.79	1/2	2,927.63	1/2	2,567.44	1/2	2,206.96
3/4		3/4	4,307.73	3/4	4,142.59	3/4	3,964.82	3/4	3,772.17	3/4	3,578.05	3/4	3,279.33	3/4	2,920.13	3/4	2,559.93	3/4	2,199.45
7		7	4,303.74	7	4,139.09	7	3,960.92	7	3,768.13	7	3,574.01	7	3,271.87	7	2,912.64	7	2,552.42	7	2,191.94
1/4		1/4	4,299.75	1/4	4,135.59	1/4	3,957.03	1/4	3,764.08	1/4	3,569.96	1/4	3,264.41	1/4	2,905.14	1/4	2,544.91	1/4	2,184.43
1/2		1/2	4,295.81	1/2	4,132.05	1/2	3,953.10	1/2	3,760.04	1/2	3,565.92	1/2	3,256.94	1/2	2,897.64	1/2	2,537.40	1/2	2,176.92
3/4		3/4	4,291.87	3/4	4,128.50	3/4	3,949.18	3/4	3,755.99	3/4	3,561.88	3/4	3,249.48	3/4	2,890.15	3/4	2,529.89	3/4	2,169.41
8		8	4,287.93	8	4,124.95	8	3,945.25	8	3,751.95	8	3,557.83	8	3,242.02	8	2,882.65	8	2,522.38	8	2,161.90
1/4		1/4	4,284.00	1/4	4,121.41	1/4	3,941.33	1/4	3,747.91	1/4	3,553.79	1/4	3,234.56	1/4	2,875.16	1/4	2,514.87	1/4	2,154.39
1/2		1/2	4,280.47	1/2	4,117.83	1/2	3,937.38	1/2	3,743.86	1/2	3,549.74	1/2	3,227.10	1/2	2,867.66	1/2	2,507.36	1/2	2,146.88
3/4		3/4	4,276.94	3/4	4,114.25	3/4	3,933.42	3/4	3,739.82	3/4	3,545.70	3/4	3,219.64	3/4	2,860.17	3/4	2,499.85	3/4	2,139.37
9		9	4,273.41	9	4,110.67	9	3,929.47	9	3,735.77	9	3,541.66	9	3,212.18	9	2,852.67	9	2,492.34	9	2,131.86
1/4		1/4	4,269.88	1/4	4,107.09	1/4	3,925.51	1/4	3,731.73	1/4	3,537.61	1/4	3,204.71	1/4	2,845.17	1/4	2,484.83	1/4	2,124.35
1/2		1/2	4,266.67	1/2	4,103.48	1/2	3,921.52	1/2	3,727.68	1/2	3,533.57	1/2	3,197.25	1/2	2,837.68	1/2	2,477.32	1/2	2,116.84
3/4		3/4	4,263.46	3/4	4,099.87	3/4	3,917.53	3/4	3,723.64	3/4	3,529.52	3/4	3,189.79	3/4	2,830.18	3/4	2,469.81	3/4	2,109.33
10		10	4,260.24	10	4,096.26	10	3,913.54	10	3,719.60	10	3,525.48	10	3,182.33	10	2,822.69	10	2,462.30	10	2,101.82
1/4		1/4	4,257.03	1/4	4,092.65	1/4	3,909.56	1/4	3,715.55	1/4	3,521.44	1/4	3,174.87	1/4	2,815.19	1/4	2,454.79	1/4	2,094.31
1/2		1/2	4,253.78	1/2	4,089.01	1/2	3,905.53	1/2	3,711.51	1/2	3,516.96	1/2	3,167.40	1/2	2,807.69	1/2	2,447.28	1/2	2,086.80
3/4		3/4	4,250.54	3/4	4,085.37	3/4	3,901.51	3/4	3,707.46	3/4	3,512.49	3/4	3,159.94	3/4	2,800.20	3/4	2,439.77	3/4	2,079.29
11		11	4,247.29	11	4,081.73	11	3,897.49	11	3,703.42	11	3,508.02	11	3,152.47	11	2,792.70	11	2,432.26	11	2,071.78
1/4		1/4	4,244.04	1/4	4,078.09	1/4	3,893.47	1/4	3,699.38	1/4	3,503.54	1/4	3,145.01	1/4	2,785.20	1/4	2,424.75	1/4	2,064.27
1/2		1/2	4,240.76	1/2	4,074.42	1/2	3,889.43	1/2	3,695.33	1/2	3,496.06	1/2	3,137.51	1/2	2,777.69	1/2	2,417.24	1/2	2,056.76
3/4		3/4	4,237.48	3/4	4,070.75	3/4	3,885.39	3/4	3,691.29	3/4	3,488.59	3/4	3,130.01	3/4	2,770.18	3/4	2,409.73	3/4	2,049.25

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" DIAMETER "HERMETIC" VALVE.
GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 55'-03" FORWARD OF AFT BULKHEAD.

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

BARGE "DBL 318"

3 PORT
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 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	2,041.75	0	1,681.18	0	1,320.62	0	960.36	0	599.88	0	242.80	0		0		0		0	
1/4	2,034.24	1/4	1,673.67	1/4	1,313.10	1/4	952.86	1/4	592.37	1/4	235.44	1/4		1/4		1/4		1/4	
1/2	2,026.72	1/2	1,666.16	1/2	1,305.59	1/2	945.36	1/2	584.86	1/2	228.08	1/2		1/2		1/2		1/2	
3/4	2,019.21	3/4	1,658.65	3/4	1,298.08	3/4	937.85	3/4	577.35	3/4	220.71	3/4		3/4		3/4		3/4	
1	2,011.70	1	1,651.13	1	1,290.57	1	930.35	1	569.83	1	213.35	1		1		1		1	
1/4	2,004.19	1/4	1,643.62	1/4	1,283.06	1/4	922.85	1/4	562.32	1/4	205.98	1/4		1/4		1/4		1/4	
1/2	1,996.68	1/2	1,636.11	1/2	1,275.54	1/2	915.34	1/2	554.81	1/2	198.60	1/2		1/2		1/2		1/2	
3/4	1,989.17	3/4	1,628.60	3/4	1,268.03	3/4	907.84	3/4	547.30	3/4	191.22	3/4		3/4		3/4		3/4	
2	1,981.65	2	1,621.09	2	1,260.52	2	900.33	2	539.79	2	183.84	2		2		2		2	
1/4	1,974.14	1/4	1,613.58	1/4	1,253.01	1/4	892.83	1/4	532.28	1/4	176.46	1/4		1/4		1/4		1/4	
1/2	1,966.63	1/2	1,606.06	1/2	1,245.50	1/2	885.32	1/2	524.76	1/2	168.97	1/2		1/2		1/2		1/2	
3/4	1,959.12	3/4	1,598.55	3/4	1,237.99	3/4	877.81	3/4	517.25	3/4	161.47	3/4		3/4		3/4		3/4	
3	1,951.61	3	1,591.04	3	1,230.48	3	870.29	3	509.74	3	153.97	3		3		3		3	
1/4	1,944.10	1/4	1,583.53	1/4	1,222.96	1/4	862.78	1/4	502.23	1/4	146.48	1/4		1/4		1/4		1/4	
1/2	1,936.58	1/2	1,576.02	1/2	1,215.46	1/2	855.27	1/2	494.72	1/2	138.98	1/2		1/2		1/2		1/2	
3/4	1,929.07	3/4	1,568.51	3/4	1,207.95	3/4	847.76	3/4	487.21	3/4	131.48	3/4		3/4		3/4		3/4	
4	1,921.56	4	1,560.99	4	1,200.44	4	840.25	4	479.70	4	123.99	4		4		4		4	
1/4	1,914.05	1/4	1,553.48	1/4	1,192.93	1/4	832.74	1/4	472.18	1/4	116.49	1/4		1/4		1/4		1/4	
1/2	1,906.54	1/2	1,545.97	1/2	1,185.43	1/2	825.22	1/2	464.67	1/2	109.07	1/2		1/2		1/2		1/2	
3/4	1,899.02	3/4	1,538.46	3/4	1,177.93	3/4	817.71	3/4	457.16	3/4	101.65	3/4		3/4		3/4		3/4	
5	1,891.51	5	1,530.95	5	1,170.43	5	810.20	5	449.65	5	94.24	5		5		5		5	
1/4	1,884.00	1/4	1,523.43	1/4	1,162.92	1/4	802.69	1/4	442.14	1/4	86.82	1/4		1/4		1/4		1/4	
1/2	1,876.49	1/2	1,515.92	1/2	1,155.42	1/2	795.18	1/2	434.65	1/2	80.10	1/2		1/2		1/2		1/2	
3/4	1,868.98	3/4	1,508.41	3/4	1,147.92	3/4	787.67	3/4	427.15	3/4	73.39	3/4		3/4		3/4		3/4	
6	1,861.47	6	1,500.90	6	1,140.42	6	780.16	6	419.66	6	66.67	6		6		6		6	
1/4	1,853.95	1/4	1,493.39	1/4	1,132.91	1/4	772.64	1/4	412.17	1/4	59.96	1/4		1/4		1/4		1/4	
1/2	1,846.44	1/2	1,485.88	1/2	1,125.41	1/2	765.13	1/2	404.80	1/2	54.50	1/2		1/2		1/2		1/2	
3/4	1,838.93	3/4	1,478.36	3/4	1,117.91	3/4	757.62	3/4	397.44	3/4	49.04	3/4		3/4		3/4		3/4	
7	1,831.42	7	1,470.85	7	1,110.41	7	750.11	7	390.07	7	43.58	7		7		7		7	
1/4	1,823.91	1/4	1,463.34	1/4	1,102.91	1/4	742.60	1/4	382.71	1/4	38.11	1/4		1/4		1/4		1/4	
1/2	1,816.39	1/2	1,455.83	1/2	1,095.40	1/2	735.09	1/2	375.35	1/2	33.90	1/2		1/2		1/2		1/2	
3/4	1,808.88	3/4	1,448.32	3/4	1,087.90	3/4	727.58	3/4	367.98	3/4	29.69	3/4		3/4		3/4		3/4	
8	1,801.37	8	1,440.80	8	1,080.40	8	720.06	8	360.62	8	25.48	8		8		8		8	
1/4	1,793.86	1/4	1,433.29	1/4	1,072.90	1/4	712.55	1/4	353.26	1/4	21.27	1/4		1/4		1/4		1/4	
1/2	1,786.35	1/2	1,425.78	1/2	1,065.39	1/2	705.04	1/2	345.89	1/2		1/2		1/2		1/2		1/2	
3/4	1,778.84	3/4	1,418.27	3/4	1,057.89	3/4	697.53	3/4	338.53	3/4		3/4		3/4		3/4		3/4	
9	1,771.32	9	1,410.76	9	1,050.39	9	690.02	9	331.17	9		9		9		9		9	
1/4	1,763.81	1/4	1,403.25	1/4	1,042.89	1/4	682.51	1/4	323.80	1/4		1/4		1/4		1/4		1/4	
1/2	1,756.30	1/2	1,395.73	1/2	1,035.38	1/2	674.99	1/2	316.44	1/2		1/2		1/2		1/2		1/2	
3/4	1,748.79	3/4	1,388.22	3/4	1,027.88	3/4	667.48	3/4	309.07	3/4		3/4		3/4		3/4		3/4	
10	1,741.28	10	1,380.71	10	1,020.38	10	659.97	10	301.71	10		10		10		10		10	
1/4	1,733.76	1/4	1,373.20	1/4	1,012.88	1/4	652.46	1/4	294.35	1/4		1/4		1/4		1/4		1/4	
1/2	1,726.25	1/2	1,365.69	1/2	1,005.38	1/2	644.95	1/2	286.98	1/2		1/2		1/2		1/2		1/2	
3/4	1,718.74	3/4	1,358.17	3/4	997.87	3/4	637.44	3/4	279.62	3/4		3/4		3/4		3/4		3/4	
11	1,711.23	11	1,350.66	11	990.37	11	629.93	11	272.26	11		11		11		11		11	
1/4	1,703.72	1/4	1,343.15	1/4	982.87	1/4	622.41	1/4	264.89	1/4		1/4		1/4		1/4		1/4	
1/2	1,696.21	1/2	1,335.64	1/2	975.37	1/2	614.90	1/2	257.53	1/2		1/2		1/2		1/2		1/2	
3/4	1,688.69	3/4	1,328.13	3/4	967.86	3/4	607.39	3/4	250.17	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/26/2020 JS
CALCULATED: 02/27/2020 CL
PRINTED: 02/28/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "DBL 318"

3 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08"

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	4,367.48	0	4,201.93	0	4,035.11	0	3,849.72	0	3,656.29	0	3,447.42	0	3,089.48	0	2,730.52	0	2,372.40
1/4		1/4	4,365.84	1/4	4,198.63	1/4	4,031.43	1/4	3,845.69	1/4	3,652.26	1/4	3,439.95	1/4	3,082.00	1/4	2,723.13	1/4	2,364.90
1/2		1/2	4,364.20	1/2	4,195.34	1/2	4,027.74	1/2	3,841.66	1/2	3,648.23	1/2	3,432.49	1/2	3,074.52	1/2	2,715.74	1/2	2,357.41
3/4		3/4	4,362.55	3/4	4,192.04	3/4	4,024.05	3/4	3,837.63	3/4	3,644.20	3/4	3,425.03	3/4	3,067.03	3/4	2,708.36	3/4	2,349.91
1		1	4,360.91	1	4,188.75	1	4,020.36	1	3,833.60	1	3,640.17	1	3,417.56	1	3,059.55	1	2,700.97	1	2,342.41
1/4		1/4	4,358.05	1/4	4,185.42	1/4	4,016.63	1/4	3,829.57	1/4	3,636.14	1/4	3,410.10	1/4	3,052.08	1/4	2,693.58	1/4	2,334.92
1/2		1/2	4,355.19	1/2	4,182.09	1/2	4,012.91	1/2	3,825.54	1/2	3,632.11	1/2	3,402.64	1/2	3,044.60	1/2	2,686.19	1/2	2,327.42
3/4		3/4	4,352.32	3/4	4,178.77	3/4	4,009.19	3/4	3,821.51	3/4	3,628.08	3/4	3,395.17	3/4	3,037.13	3/4	2,678.81	3/4	2,319.93
2		2	4,349.46	2	4,175.44	2	4,005.47	2	3,817.48	2	3,624.05	2	3,387.71	2	3,029.66	2	2,671.42	2	2,312.43
1/4		1/4	4,345.62	1/4	4,172.09	1/4	4,001.71	1/4	3,813.45	1/4	3,620.02	1/4	3,380.25	1/4	3,022.18	1/4	2,664.03	1/4	2,304.93
1/2		1/2	4,341.78	1/2	4,168.73	1/2	3,997.96	1/2	3,809.42	1/2	3,616.00	1/2	3,372.79	1/2	3,014.71	1/2	2,656.64	1/2	2,297.44
3/4		3/4	4,337.94	3/4	4,165.37	3/4	3,994.21	3/4	3,805.39	3/4	3,611.97	3/4	3,365.32	3/4	3,007.23	3/4	2,649.25	3/4	2,289.94
3		3	4,334.10	3	4,162.02	3	3,990.46	3	3,801.36	3	3,607.94	3	3,357.86	3	2,999.76	3	2,641.87	3	2,282.45
1/4		1/4	4,330.12	1/4	4,158.63	1/4	3,986.67	1/4	3,797.33	1/4	3,603.91	1/4	3,350.40	1/4	2,992.28	1/4	2,634.46	1/4	2,274.95
1/2		1/2	4,326.14	1/2	4,155.24	1/2	3,982.89	1/2	3,793.30	1/2	3,599.88	1/2	3,342.93	1/2	2,984.81	1/2	2,627.06	1/2	2,267.45
3/4		3/4	4,322.17	3/4	4,151.85	3/4	3,979.11	3/4	3,789.27	3/4	3,595.85	3/4	3,335.47	3/4	2,977.34	3/4	2,619.66	3/4	2,259.96
4		4	4,318.19	4	4,148.46	4	3,975.32	4	3,785.24	4	3,591.82	4	3,328.01	4	2,969.86	4	2,612.26	4	2,252.46
1/4		1/4	4,314.21	1/4	4,145.03	1/4	3,971.51	1/4	3,781.21	1/4	3,587.79	1/4	3,320.55	1/4	2,962.39	1/4	2,604.77	1/4	2,244.97
1/2		1/2	4,310.24	1/2	4,141.61	1/2	3,967.69	1/2	3,777.18	1/2	3,583.76	1/2	3,313.08	1/2	2,954.91	1/2	2,597.27	1/2	2,237.47
3/4		3/4	4,306.26	3/4	4,138.19	3/4	3,963.87	3/4	3,773.15	3/4	3,579.73	3/4	3,305.62	3/4	2,947.44	3/4	2,589.78	3/4	2,229.97
5		5	4,302.28	5	4,134.76	5	3,960.06	5	3,769.12	5	3,575.70	5	3,298.16	5	2,939.97	5	2,582.29	5	2,222.48
1/4		1/4	4,298.31	1/4	4,131.31	1/4	3,956.21	1/4	3,765.09	1/4	3,571.67	1/4	3,290.71	1/4	2,932.49	1/4	2,574.79	1/4	2,214.98
1/2		1/2	4,294.33	1/2	4,127.86	1/2	3,952.36	1/2	3,761.06	1/2	3,567.64	1/2	3,283.27	1/2	2,925.02	1/2	2,567.29	1/2	2,207.49
3/4		3/4	4,290.35	3/4	4,124.40	3/4	3,948.51	3/4	3,757.03	3/4	3,563.61	3/4	3,275.82	3/4	2,917.54	3/4	2,559.80	3/4	2,199.99
6		6	4,286.38	6	4,120.95	6	3,944.66	6	3,753.00	6	3,559.58	6	3,268.37	6	2,910.07	6	2,552.30	6	2,192.49
1/4		1/4	4,282.40	1/4	4,117.46	1/4	3,940.78	1/4	3,748.98	1/4	3,555.55	1/4	3,260.92	1/4	2,902.59	1/4	2,544.81	1/4	2,185.00
1/2		1/2	4,278.42	1/2	4,113.98	1/2	3,936.90	1/2	3,744.95	1/2	3,551.52	1/2	3,253.48	1/2	2,895.12	1/2	2,537.31	1/2	2,177.50
3/4		3/4	4,274.45	3/4	4,110.49	3/4	3,933.02	3/4	3,740.92	3/4	3,547.49	3/4	3,246.03	3/4	2,887.64	3/4	2,529.81	3/4	2,170.01
7		7	4,270.47	7	4,107.01	7	3,929.14	7	3,736.89	7	3,543.46	7	3,238.58	7	2,880.17	7	2,522.32	7	2,162.51
1/4		1/4	4,266.55	1/4	4,103.48	1/4	3,925.23	1/4	3,732.86	1/4	3,539.43	1/4	3,231.13	1/4	2,872.69	1/4	2,514.82	1/4	2,155.01
1/2		1/2	4,262.62	1/2	4,099.94	1/2	3,921.32	1/2	3,728.83	1/2	3,535.40	1/2	3,223.69	1/2	2,865.20	1/2	2,507.33	1/2	2,147.52
3/4		3/4	4,258.70	3/4	4,096.41	3/4	3,917.41	3/4	3,724.80	3/4	3,531.37	3/4	3,216.24	3/4	2,857.72	3/4	2,499.83	3/4	2,140.02
8		8	4,254.77	8	4,092.88	8	3,913.50	8	3,720.77	8	3,527.34	8	3,208.79	8	2,850.24	8	2,492.33	8	2,132.53
1/4		1/4	4,251.26	1/4	4,089.31	1/4	3,909.56	1/4	3,716.74	1/4	3,523.31	1/4	3,201.34	1/4	2,842.76	1/4	2,484.84	1/4	2,125.03
1/2		1/2	4,247.75	1/2	4,085.75	1/2	3,905.62	1/2	3,712.71	1/2	3,519.28	1/2	3,193.90	1/2	2,835.28	1/2	2,477.34	1/2	2,117.53
3/4		3/4	4,244.23	3/4	4,082.18	3/4	3,901.68	3/4	3,708.68	3/4	3,515.25	3/4	3,186.45	3/4	2,827.80	3/4	2,469.85	3/4	2,110.04
9		9	4,240.72	9	4,078.62	9	3,897.74	9	3,704.65	9	3,511.22	9	3,179.00	9	2,820.31	9	2,462.35	9	2,102.54
1/4		1/4	4,237.52	1/4	4,075.02	1/4	3,893.76	1/4	3,700.62	1/4	3,507.19	1/4	3,171.55	1/4	2,812.83	1/4	2,454.85	1/4	2,095.05
1/2		1/2	4,234.32	1/2	4,071.43	1/2	3,889.79	1/2	3,696.59	1/2	3,503.16	1/2	3,164.11	1/2	2,805.35	1/2	2,447.36	1/2	2,087.55
3/4		3/4	4,231.12	3/4	4,067.83	3/4	3,885.81	3/4	3,692.56	3/4	3,499.13	3/4	3,156.66	3/4	2,797.87	3/4	2,439.86	3/4	2,080.05
10		10	4,227.92	10	4,064.24	10	3,881.84	10	3,688.53	10	3,495.10	10	3,149.21	10	2,790.39	10	2,432.37	10	2,072.56
1/4		1/4	4,224.69	1/4	4,060.61	1/4	3,877.83	1/4	3,684.50	1/4	3,490.65	1/4	3,141.76	1/4	2,782.90	1/4	2,424.87	1/4	2,065.06
1/2		1/2	4,221.46	1/2	4,056.99	1/2	3,873.83	1/2	3,680.47	1/2	3,486.19	1/2	3,134.31	1/2	2,775.42	1/2	2,417.37	1/2	2,057.57
3/4		3/4	4,218.23	3/4	4,053.36	3/4	3,869.82	3/4	3,676.44	3/4	3,481.73	3/4	3,126.86	3/4	2,767.94	3/4	2,409.88	3/4	2,050.07
11		11	4,214.99	11	4,049.74	11	3,865.81	11	3,672.41	11	3,477.27	11	3,119.40	11	2,760.45	11	2,402.38	11	2,042.57
1/4		1/4	4,211.73	1/4	4,046.08	1/4	3,861.79	1/4	3,668.38	1/4	3,469.81	1/4	3,111.92	1/4	2,752.97	1/4	2,394.89	1/4	2,035.08
1/2		1/2	4,208.46	1/2	4,042.43	1/2	3,857.77	1/2	3,664.35	1/2	3,462.34	1/2	3,104.44	1/2	2,745.49	1/2	2,387.39	1/2	2,027.58
3/4		3/4	4,205.19	3/4	4,038.77	3/4	3,853.74	3/4	3,660.32	3/4	3,454.88	3/4	3,096.96	3/4	2,738.00	3/4	2,379.89	3/4	2,020.09

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" DIAMETER "HERMETIC" VALVE.
GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 55'-03" FORWARD OF AFT BULKHEAD.

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

BARGE "DBL 318"

3 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08"

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	2,012.59	0	1,652.70	0	1,294.32	0	945.31	0	591.47	0	235.11	0		0		0		0	
1/4	2,005.10	1/4	1,645.20	1/4	1,286.89	1/4	938.15	1/4	583.97	1/4	227.75	1/4		1/4		1/4		1/4	
1/2	1,997.60	1/2	1,637.70	1/2	1,279.45	1/2	930.98	1/2	576.47	1/2	220.40	1/2		1/2		1/2		1/2	
3/4	1,990.10	3/4	1,630.21	3/4	1,272.01	3/4	923.82	3/4	568.97	3/4	213.05	3/4		3/4		3/4		3/4	
1	1,982.60	1	1,622.71	1	1,264.58	1	916.66	1	561.47	1	205.70	1		1		1		1	
1/4	1,975.11	1/4	1,615.21	1/4	1,257.14	1/4	909.49	1/4	553.97	1/4	198.33	1/4		1/4		1/4		1/4	
1/2	1,967.61	1/2	1,607.71	1/2	1,249.71	1/2	902.32	1/2	546.47	1/2	190.96	1/2		1/2		1/2		1/2	
3/4	1,960.11	3/4	1,600.22	3/4	1,242.28	3/4	895.15	3/4	538.97	3/4	183.59	3/4		3/4		3/4		3/4	
2	1,952.61	2	1,592.72	2	1,234.84	2	887.99	2	531.47	2	176.22	2		2		2		2	
1/4	1,945.11	1/4	1,585.22	1/4	1,227.42	1/4	880.80	1/4	523.97	1/4	168.74	1/4		1/4		1/4		1/4	
1/2	1,937.62	1/2	1,577.72	1/2	1,220.00	1/2	873.61	1/2	516.48	1/2	161.25	1/2		1/2		1/2		1/2	
3/4	1,930.12	3/4	1,570.22	3/4	1,212.59	3/4	866.42	3/4	508.98	3/4	153.77	3/4		3/4		3/4		3/4	
3	1,922.62	3	1,562.73	3	1,205.17	3	859.24	3	501.48	3	146.28	3		3		3		3	
1/4	1,915.12	1/4	1,555.23	1/4	1,197.75	1/4	852.05	1/4	493.98	1/4	138.79	1/4		1/4		1/4		1/4	
1/2	1,907.63	1/2	1,547.73	1/2	1,190.33	1/2	844.85	1/2	486.48	1/2	131.30	1/2		1/2		1/2		1/2	
3/4	1,900.13	3/4	1,540.23	3/4	1,182.91	3/4	837.66	3/4	478.98	3/4	123.81	3/4		3/4		3/4		3/4	
4	1,892.63	4	1,532.74	4	1,175.49	4	830.47	4	471.48	4	116.32	4		4		4		4	
1/4	1,885.13	1/4	1,525.24	1/4	1,168.07	1/4	823.22	1/4	463.98	1/4	108.91	1/4		1/4		1/4		1/4	
1/2	1,877.63	1/2	1,517.74	1/2	1,160.66	1/2	815.97	1/2	456.48	1/2	101.51	1/2		1/2		1/2		1/2	
3/4	1,870.14	3/4	1,510.24	3/4	1,153.25	3/4	808.72	3/4	448.98	3/4	94.10	3/4		3/4		3/4		3/4	
5	1,862.64	5	1,502.74	5	1,145.84	5	801.47	5	441.48	5	86.70	5		5		5		5	
1/4	1,855.14	1/4	1,495.25	1/4	1,138.68	1/4	793.97	1/4	434.00	1/4	80.00	1/4		1/4		1/4		1/4	
1/2	1,847.64	1/2	1,487.76	1/2	1,131.52	1/2	786.47	1/2	426.52	1/2	73.31	1/2		1/2		1/2		1/2	
3/4	1,840.15	3/4	1,480.27	3/4	1,124.36	3/4	778.97	3/4	419.03	3/4	66.62	3/4		3/4		3/4		3/4	
6	1,832.65	6	1,472.78	6	1,117.20	6	771.47	6	411.55	6	59.92	6		6		6		6	
1/4	1,825.15	1/4	1,465.35	1/4	1,110.03	1/4	763.97	1/4	404.20	1/4	54.47	1/4		1/4		1/4		1/4	
1/2	1,817.65	1/2	1,457.91	1/2	1,102.87	1/2	756.47	1/2	396.85	1/2	49.02	1/2		1/2		1/2		1/2	
3/4	1,810.15	3/4	1,450.48	3/4	1,095.71	3/4	748.97	3/4	389.50	3/4	43.57	3/4		3/4		3/4		3/4	
7	1,802.66	7	1,443.04	7	1,088.55	7	741.47	7	382.15	7	38.11	7		7		7		7	
1/4	1,795.16	1/4	1,435.60	1/4	1,081.39	1/4	733.97	1/4	374.79	1/4	33.90	1/4		1/4		1/4		1/4	
1/2	1,787.66	1/2	1,428.17	1/2	1,074.22	1/2	726.47	1/2	367.44	1/2	29.69	1/2		1/2		1/2		1/2	
3/4	1,780.16	3/4	1,420.73	3/4	1,067.06	3/4	718.97	3/4	360.09	3/4	25.48	3/4		3/4		3/4		3/4	
8	1,772.67	8	1,413.30	8	1,059.90	8	711.47	8	352.74	8	21.27	8		8		8		8	
1/4	1,765.17	1/4	1,405.86	1/4	1,052.74	1/4	703.97	1/4	345.39	1/4		1/4		1/4		1/4		1/4	
1/2	1,757.67	1/2	1,398.42	1/2	1,045.58	1/2	696.47	1/2	338.03	1/2		1/2		1/2		1/2		1/2	
3/4	1,750.17	3/4	1,390.99	3/4	1,038.41	3/4	688.97	3/4	330.68	3/4		3/4		3/4		3/4		3/4	
9	1,742.67	9	1,383.55	9	1,031.25	9	681.47	9	323.33	9		9		9		9		9	
1/4	1,735.18	1/4	1,376.12	1/4	1,024.09	1/4	673.97	1/4	315.98	1/4		1/4		1/4		1/4		1/4	
1/2	1,727.68	1/2	1,368.68	1/2	1,016.93	1/2	666.47	1/2	308.63	1/2		1/2		1/2		1/2		1/2	
3/4	1,720.18	3/4	1,361.25	3/4	1,009.77	3/4	658.97	3/4	301.27	3/4		3/4		3/4		3/4		3/4	
10	1,712.68	10	1,353.81	10	1,002.60	10	651.47	10	293.92	10		10		10		10		10	
1/4	1,705.18	1/4	1,346.37	1/4	995.44	1/4	643.97	1/4	286.57	1/4		1/4		1/4		1/4		1/4	
1/2	1,697.69	1/2	1,338.94	1/2	988.28	1/2	636.47	1/2	279.22	1/2		1/2		1/2		1/2		1/2	
3/4	1,690.19	3/4	1,331.50	3/4	981.12	3/4	628.97	3/4	271.87	3/4		3/4		3/4		3/4		3/4	
11	1,682.69	11	1,324.07	11	973.96	11	621.47	11	264.51	11		11		11		11		11	
1/4	1,675.19	1/4	1,316.63	1/4	966.79	1/4	613.97	1/4	257.16	1/4		1/4		1/4		1/4		1/4	
1/2	1,667.70	1/2	1,309.19	1/2	959.63	1/2	606.47	1/2	249.81	1/2		1/2		1/2		1/2		1/2	
3/4	1,660.20	3/4	1,301.76	3/4	952.47	3/4	598.97	3/4	242.46	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/26/2020 JS
CALCULATED: 02/27/2020 CL
PRINTED: 02/28/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2020

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