



# BARGE "DBL 315"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 259'-09"

January 3, 2020

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>





# BARGE "DBL 315"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-01 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0		0	5,088.30	0	4,748.59	0	4,387.17	0	4,025.75	0	3,664.33	0	3,302.91	0	2,941.49	0	2,580.07	0	2,218.64
1/4		1/4	5,083.95	1/4	4,741.06	1/4	4,379.64	1/4	4,018.22	1/4	3,656.80	1/4	3,295.38	1/4	2,933.96	1/4	2,572.54	1/4	2,211.11
1/2		1/2	5,079.61	1/2	4,733.53	1/2	4,372.11	1/2	4,010.69	1/2	3,649.27	1/2	3,287.85	1/2	2,926.43	1/2	2,565.01	1/2	2,203.59
3/4		3/4	5,075.26	3/4	4,726.00	3/4	4,364.58	3/4	4,003.16	3/4	3,641.74	3/4	3,280.32	3/4	2,918.90	3/4	2,557.48	3/4	2,196.06
1		1	5,069.76	1	4,718.47	1	4,357.05	1	3,995.63	1	3,634.21	1	3,272.79	1	2,911.37	1	2,549.95	1	2,188.53
1/4		1/4	5,064.26	1/4	4,710.94	1/4	4,349.52	1/4	3,988.10	1/4	3,626.68	1/4	3,265.26	1/4	2,903.84	1/4	2,542.42	1/4	2,181.00
1/2		1/2	5,058.76	1/2	4,703.41	1/2	4,341.99	1/2	3,980.57	1/2	3,619.15	1/2	3,257.73	1/2	2,896.31	1/2	2,534.89	1/2	2,173.47
3/4		3/4	5,053.25	3/4	4,695.88	3/4	4,334.46	3/4	3,973.04	3/4	3,611.62	3/4	3,250.20	3/4	2,888.78	3/4	2,527.36	3/4	2,165.94
2		2	5,046.59	2	4,688.35	2	4,326.93	2	3,965.51	2	3,604.09	2	3,242.67	2	2,881.25	2	2,519.83	2	2,158.41
1/4		1/4	5,039.93	1/4	4,680.82	1/4	4,319.40	1/4	3,957.98	1/4	3,596.56	1/4	3,235.14	1/4	2,873.72	1/4	2,512.30	1/4	2,150.88
1/2		1/2	5,033.27	1/2	4,673.29	1/2	4,311.87	1/2	3,950.45	1/2	3,589.03	1/2	3,227.61	1/2	2,866.19	1/2	2,504.77	1/2	2,143.35
3/4		3/4	5,026.61	3/4	4,665.76	3/4	4,304.34	3/4	3,942.92	3/4	3,581.50	3/4	3,220.08	3/4	2,858.66	3/4	2,497.24	3/4	2,135.82
3		3	5,019.22	3	4,658.23	3	4,296.81	3	3,935.39	3	3,573.97	3	3,212.55	3	2,851.13	3	2,489.71	3	2,128.29
1/4		1/4	5,011.84	1/4	4,650.71	1/4	4,289.28	1/4	3,927.86	1/4	3,566.44	1/4	3,205.02	1/4	2,843.60	1/4	2,482.18	1/4	2,120.76
1/2		1/2	5,004.45	1/2	4,643.18	1/2	4,281.75	1/2	3,920.33	1/2	3,558.91	1/2	3,197.49	1/2	2,836.07	1/2	2,474.65	1/2	2,113.23
3/4		3/4	4,997.07	3/4	4,635.65	3/4	4,274.23	3/4	3,912.80	3/4	3,551.38	3/4	3,189.96	3/4	2,828.54	3/4	2,467.12	3/4	2,105.70
4		4	4,989.54	4	4,628.12	4	4,266.70	4	3,905.27	4	3,543.85	4	3,182.43	4	2,821.01	4	2,459.59	4	2,098.17
1/4		1/4	4,982.01	1/4	4,620.59	1/4	4,259.17	1/4	3,897.75	1/4	3,536.32	1/4	3,174.90	1/4	2,813.48	1/4	2,452.06	1/4	2,090.64
1/2		1/2	4,974.48	1/2	4,613.06	1/2	4,251.64	1/2	3,890.22	1/2	3,528.79	1/2	3,167.37	1/2	2,805.95	1/2	2,444.53	1/2	2,083.11
3/4		3/4	4,966.95	3/4	4,605.53	3/4	4,244.11	3/4	3,882.69	3/4	3,521.27	3/4	3,159.84	3/4	2,798.42	3/4	2,437.00	3/4	2,075.58
5		5	4,959.42	5	4,598.00	5	4,236.58	5	3,875.16	5	3,513.74	5	3,152.31	5	2,790.89	5	2,429.47	5	2,068.05
1/4		1/4	4,951.89	1/4	4,590.47	1/4	4,229.05	1/4	3,867.63	1/4	3,506.21	1/4	3,144.79	1/4	2,783.36	1/4	2,421.94	1/4	2,060.52
1/2		1/2	4,944.36	1/2	4,582.94	1/2	4,221.52	1/2	3,860.10	1/2	3,498.68	1/2	3,137.26	1/2	2,775.83	1/2	2,414.41	1/2	2,052.99
3/4		3/4	4,936.83	3/4	4,575.41	3/4	4,213.99	3/4	3,852.57	3/4	3,491.15	3/4	3,129.73	3/4	2,768.31	3/4	2,406.88	3/4	2,045.46
6		6	4,929.30	6	4,567.88	6	4,206.46	6	3,845.04	6	3,483.62	6	3,122.20	6	2,760.78	6	2,399.35	6	2,037.93
1/4		1/4	4,921.77	1/4	4,560.35	1/4	4,198.93	1/4	3,837.51	1/4	3,476.09	1/4	3,114.67	1/4	2,753.25	1/4	2,391.83	1/4	2,030.40
1/2		1/2	4,914.24	1/2	4,552.82	1/2	4,191.40	1/2	3,829.98	1/2	3,468.56	1/2	3,107.14	1/2	2,745.72	1/2	2,384.30	1/2	2,022.87
3/4		3/4	4,906.71	3/4	4,545.29	3/4	4,183.87	3/4	3,822.45	3/4	3,461.03	3/4	3,099.61	3/4	2,738.19	3/4	2,376.77	3/4	2,015.35
7		7	4,899.18	7	4,537.76	7	4,176.34	7	3,814.92	7	3,453.50	7	3,092.08	7	2,730.66	7	2,369.24	7	2,007.82
1/4		1/4	4,891.65	1/4	4,530.23	1/4	4,168.81	1/4	3,807.39	1/4	3,445.97	1/4	3,084.55	1/4	2,723.13	1/4	2,361.71	1/4	2,000.29
1/2		1/2	4,884.12	1/2	4,522.70	1/2	4,161.28	1/2	3,799.86	1/2	3,438.44	1/2	3,077.02	1/2	2,715.60	1/2	2,354.18	1/2	1,992.76
3/4		3/4	4,876.59	3/4	4,515.17	3/4	4,153.75	3/4	3,792.33	3/4	3,430.91	3/4	3,069.49	3/4	2,708.07	3/4	2,346.65	3/4	1,985.23
8		8	4,869.06	8	4,507.64	8	4,146.22	8	3,784.80	8	3,423.38	8	3,061.96	8	2,700.54	8	2,339.12	8	1,977.70
1/4		1/4	4,861.53	1/4	4,500.11	1/4	4,138.69	1/4	3,777.27	1/4	3,415.85	1/4	3,054.43	1/4	2,693.01	1/4	2,331.59	1/4	1,970.17
1/2		1/2	4,854.00	1/2	4,492.58	1/2	4,131.16	1/2	3,769.74	1/2	3,408.32	1/2	3,046.90	1/2	2,685.48	1/2	2,324.06	1/2	1,962.64
3/4		3/4	4,846.47	3/4	4,485.05	3/4	4,123.63	3/4	3,762.21	3/4	3,400.79	3/4	3,039.37	3/4	2,677.95	3/4	2,316.53	3/4	1,955.11
9		9	4,838.95	9	4,477.52	9	4,116.10	9	3,754.68	9	3,393.26	9	3,031.84	9	2,670.42	9	2,309.00	9	1,947.58
1/4		1/4	4,831.42	1/4	4,469.99	1/4	4,108.57	1/4	3,747.15	1/4	3,385.73	1/4	3,024.31	1/4	2,662.89	1/4	2,301.47	1/4	1,940.05
1/2		1/2	4,823.89	1/2	4,462.47	1/2	4,101.04	1/2	3,739.62	1/2	3,378.20	1/2	3,016.78	1/2	2,655.36	1/2	2,293.94	1/2	1,932.52
3/4		3/4	4,816.36	3/4	4,454.94	3/4	4,093.51	3/4	3,732.09	3/4	3,370.67	3/4	3,009.25	3/4	2,647.83	3/4	2,286.41	3/4	1,924.99
10		10	4,808.83	10	4,447.41	10	4,085.99	10	3,724.56	10	3,363.14	10	3,001.72	10	2,640.30	10	2,278.88	10	1,917.46
1/4		1/4	4,801.30	1/4	4,439.88	1/4	4,078.46	1/4	3,717.03	1/4	3,355.61	1/4	2,994.19	1/4	2,632.77	1/4	2,271.35	1/4	1,909.93
1/2		1/2	4,793.77	1/2	4,432.35	1/2	4,070.93	1/2	3,709.51	1/2	3,348.08	1/2	2,986.66	1/2	2,625.24	1/2	2,263.82	1/2	1,902.40
3/4		3/4	4,786.24	3/4	4,424.82	3/4	4,063.40	3/4	3,701.98	3/4	3,340.55	3/4	2,979.13	3/4	2,617.71	3/4	2,256.29	3/4	1,894.87
11		11	4,778.71	11	4,417.29	11	4,055.87	11	3,694.45	11	3,333.03	11	2,971.60	11	2,610.18	11	2,248.76	11	1,887.34
1/4		1/4	4,771.18	1/4	4,409.76	1/4	4,048.34	1/4	3,686.92	1/4	3,325.50	1/4	2,964.07	1/4	2,602.65	1/4	2,241.23	1/4	1,879.81
1/2		1/2	4,763.65	1/2	4,402.23	1/2	4,040.81	1/2	3,679.39	1/2	3,317.97	1/2	2,956.55	1/2	2,595.12	1/2	2,233.70	1/2	1,872.28
3/4		3/4	5,092.64	3/4	4,756.12	3/4	4,394.70	3/4	4,033.28	3/4	3,671.86	3/4	3,310.44	3/4	2,949.02	3/4	2,226.17	3/4	1,864.75

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 OF 2" DIAMETER "HERMETIC" VALVE.  
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 41'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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Pearland, Texas 77588

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# BARGE "DBL 315"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-01 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	1,857.22	0	1,495.80	0	1,134.97	0	775.74	0	414.33	0	55.04	0		0		0		0	
1/4	1,849.69	1/4	1,488.27	1/4	1,127.50	1/4	768.21	1/4	406.80	1/4	48.82	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,842.16	1/2	1,480.74	1/2	1,120.03	1/2	760.68	1/2	399.27	1/2	42.61	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,834.63	3/4	1,473.21	3/4	1,112.56	3/4	753.15	3/4	391.74	3/4	36.39	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,827.11	1	1,465.68	1	1,105.09	1	745.62	1	384.21	1	31.79	1	1	1	1	1	1	1	1
1/4	1,819.58	1/4	1,458.15	1/4	1,097.62	1/4	738.09	1/4	376.68	1/4	27.19	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,812.05	1/2	1,450.63	1/2	1,090.16	1/2	730.56	1/2	369.15	1/2	22.59	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,804.52	3/4	1,443.10	3/4	1,082.69	3/4	723.03	3/4	361.63	3/4	17.98	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,796.99	2	1,435.57	2	1,075.22	2	715.50	2	354.10	2		2	2	2	2	2	2	2	2
1/4	1,789.46	1/4	1,428.04	1/4	1,067.75	1/4	707.97	1/4	346.57	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,781.93	1/2	1,420.51	1/2	1,060.28	1/2	700.44	1/2	339.04	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,774.40	3/4	1,412.98	3/4	1,052.81	3/4	692.91	3/4	331.51	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,766.87	3	1,405.45	3	1,045.34	3	685.39	3	323.98	3		3	3	3	3	3	3	3	3
1/4	1,759.34	1/4	1,397.92	1/4	1,037.87	1/4	677.86	1/4	316.45	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,751.81	1/2	1,390.39	1/2	1,030.40	1/2	670.33	1/2	308.92	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,744.28	3/4	1,382.86	3/4	1,022.94	3/4	662.80	3/4	301.39	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,736.75	4	1,375.33	4	1,015.47	4	655.27	4	293.86	4		4	4	4	4	4	4	4	4
1/4	1,729.22	1/4	1,367.80	1/4	1,008.00	1/4	647.74	1/4	286.33	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,721.69	1/2	1,360.27	1/2	1,000.53	1/2	640.21	1/2	278.80	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,714.16	3/4	1,352.74	3/4	993.06	3/4	632.68	3/4	271.27	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,706.63	5	1,345.21	5	985.59	5	625.15	5	263.74	5		5	5	5	5	5	5	5	5
1/4	1,699.10	1/4	1,337.68	1/4	978.12	1/4	617.62	1/4	256.22	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,691.57	1/2	1,330.15	1/2	970.65	1/2	610.09	1/2	248.69	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,684.04	3/4	1,322.62	3/4	963.18	3/4	602.56	3/4	241.16	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,676.51	6	1,315.09	6	955.72	6	595.03	6	233.63	6		6	6	6	6	6	6	6	6
1/4	1,668.98	1/4	1,307.56	1/4	948.25	1/4	587.50	1/4	226.10	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,661.45	1/2	1,300.03	1/2	940.78	1/2	579.98	1/2	218.57	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,653.92	3/4	1,292.50	3/4	933.31	3/4	572.45	3/4	211.04	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,646.39	7	1,284.97	7	925.84	7	564.92	7	203.51	7		7	7	7	7	7	7	7	7
1/4	1,638.87	1/4	1,277.44	1/4	918.37	1/4	557.39	1/4	195.98	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,631.34	1/2	1,269.91	1/2	910.90	1/2	549.86	1/2	188.45	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,623.81	3/4	1,262.39	3/4	903.43	3/4	542.33	3/4	180.92	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,616.28	8	1,254.86	8	895.96	8	534.80	8	173.39	8		8	8	8	8	8	8	8	8
1/4	1,608.75	1/4	1,247.33	1/4	888.50	1/4	527.27	1/4	165.86	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,601.22	1/2	1,239.80	1/2	881.03	1/2	519.74	1/2	158.33	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,593.69	3/4	1,232.27	3/4	873.56	3/4	512.21	3/4	150.81	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,586.16	9	1,224.77	9	866.04	9	504.68	9	143.28	9		9	9	9	9	9	9	9	9
1/4	1,578.63	1/4	1,217.27	1/4	858.53	1/4	497.15	1/4	135.75	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,571.10	1/2	1,209.77	1/2	851.02	1/2	489.62	1/2	128.23	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,563.57	3/4	1,202.28	3/4	843.50	3/4	482.09	3/4	120.70	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,556.04	10	1,194.79	10	835.97	10	474.57	10	113.19	10		10	10	10	10	10	10	10	10
1/4	1,548.51	1/4	1,187.30	1/4	828.44	1/4	467.04	1/4	105.68	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,540.98	1/2	1,179.82	1/2	820.91	1/2	459.51	1/2	98.16	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,533.45	3/4	1,172.33	3/4	813.38	3/4	451.98	3/4	90.65	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,525.92	11	1,164.86	11	805.85	11	444.45	11	83.30	11		11	11	11	11	11	11	11	11
1/4	1,518.39	1/4	1,157.38	1/4	798.33	1/4	436.92	1/4	75.95	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,510.86	1/2	1,149.91	1/2	790.80	1/2	429.39	1/2	68.60	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,503.33	3/4	1,142.44	3/4	783.27	3/4	421.86	3/4	61.25	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/31/2019 JS  
CALCULATED: 12/31/2019 CL  
PRINTED: 01/07/2020 SW

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2019



# BARGE "DBL 315"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-01 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0		0	5,067.29	0	4,722.19	0	4,361.79	0	4,001.38	0	3,640.98	0	3,280.58	0	2,920.18	0	2,559.77	0	2,199.37
1/4		1/4	5,062.96	1/4	4,714.68	1/4	4,354.28	1/4	3,993.88	1/4	3,633.47	1/4	3,273.07	1/4	2,912.67	1/4	2,552.26	1/4	2,191.86
1/2		1/2	5,057.48	1/2	4,707.17	1/2	4,346.77	1/2	3,986.37	1/2	3,625.96	1/2	3,265.56	1/2	2,905.16	1/2	2,544.76	1/2	2,184.35
3/4		3/4	5,051.99	3/4	4,699.67	3/4	4,339.26	3/4	3,978.86	3/4	3,618.46	3/4	3,258.05	3/4	2,897.65	3/4	2,537.25	3/4	2,176.84
1		1	5,046.50	1	4,692.16	1	4,331.75	1	3,971.35	1	3,610.95	1	3,250.54	1	2,890.14	1	2,529.74	1	2,169.34
1/4		1/4	5,041.02	1/4	4,684.65	1/4	4,324.25	1/4	3,963.84	1/4	3,603.44	1/4	3,243.04	1/4	2,882.63	1/4	2,522.23	1/4	2,161.83
1/2		1/2	5,034.37	1/2	4,677.14	1/2	4,316.74	1/2	3,956.33	1/2	3,595.93	1/2	3,235.53	1/2	2,875.12	1/2	2,514.72	1/2	2,154.32
3/4		3/4	5,027.73	3/4	4,669.63	3/4	4,309.23	3/4	3,948.83	3/4	3,588.42	3/4	3,228.02	3/4	2,867.62	3/4	2,507.21	3/4	2,146.81
2		2	5,021.09	2	4,662.12	2	4,301.72	2	3,941.32	2	3,580.91	2	3,220.51	2	2,860.11	2	2,499.70	2	2,139.30
1/4		1/4	5,014.44	1/4	4,654.62	1/4	4,294.21	1/4	3,933.81	1/4	3,573.41	1/4	3,213.00	1/4	2,852.60	1/4	2,492.20	1/4	2,131.79
1/2		1/2	5,007.08	1/2	4,647.11	1/2	4,286.70	1/2	3,926.30	1/2	3,565.90	1/2	3,205.49	1/2	2,845.09	1/2	2,484.69	1/2	2,124.28
3/4		3/4	4,999.71	3/4	4,639.60	3/4	4,279.20	3/4	3,918.79	3/4	3,558.39	3/4	3,197.99	3/4	2,837.58	3/4	2,477.18	3/4	2,116.78
3		3	4,992.35	3	4,632.09	3	4,271.69	3	3,911.28	3	3,550.88	3	3,190.48	3	2,830.07	3	2,469.67	3	2,109.27
1/4		1/4	4,984.99	1/4	4,624.58	1/4	4,264.18	1/4	3,903.78	1/4	3,543.37	1/4	3,182.97	1/4	2,822.57	1/4	2,462.16	1/4	2,101.76
1/2		1/2	4,977.48	1/2	4,617.07	1/2	4,256.67	1/2	3,896.27	1/2	3,535.86	1/2	3,175.46	1/2	2,815.06	1/2	2,454.65	1/2	2,094.25
3/4		3/4	4,969.97	3/4	4,609.57	3/4	4,249.16	3/4	3,888.76	3/4	3,528.36	3/4	3,167.95	3/4	2,807.55	3/4	2,447.15	3/4	2,086.74
4		4	4,962.46	4	4,602.06	4	4,241.65	4	3,881.25	4	3,520.85	4	3,160.44	4	2,800.04	4	2,439.64	4	2,079.23
1/4		1/4	4,954.95	1/4	4,594.55	1/4	4,234.15	1/4	3,873.74	1/4	3,513.34	1/4	3,152.94	1/4	2,792.53	1/4	2,432.13	1/4	2,071.73
1/2		1/2	4,947.44	1/2	4,587.04	1/2	4,226.64	1/2	3,866.23	1/2	3,505.83	1/2	3,145.43	1/2	2,785.02	1/2	2,424.62	1/2	2,064.22
3/4		3/4	4,939.93	3/4	4,579.53	3/4	4,219.13	3/4	3,858.73	3/4	3,498.32	3/4	3,137.92	3/4	2,777.52	3/4	2,417.11	3/4	2,056.71
5		5	4,932.43	5	4,572.02	5	4,211.62	5	3,851.22	5	3,490.81	5	3,130.41	5	2,770.01	5	2,409.60	5	2,049.20
1/4		1/4	4,924.92	1/4	4,564.51	1/4	4,204.11	1/4	3,843.71	1/4	3,483.31	1/4	3,122.90	1/4	2,762.50	1/4	2,402.10	1/4	2,041.69
1/2		1/2	4,917.41	1/2	4,557.01	1/2	4,196.60	1/2	3,836.20	1/2	3,475.80	1/2	3,115.39	1/2	2,754.99	1/2	2,394.59	1/2	2,034.18
3/4		3/4	4,909.90	3/4	4,549.50	3/4	4,189.09	3/4	3,828.69	3/4	3,468.29	3/4	3,107.89	3/4	2,747.48	3/4	2,387.08	3/4	2,026.68
6		6	4,902.39	6	4,541.99	6	4,181.59	6	3,821.18	6	3,460.78	6	3,100.38	6	2,739.97	6	2,379.57	6	2,019.17
1/4		1/4	4,894.88	1/4	4,534.48	1/4	4,174.08	1/4	3,813.67	1/4	3,453.27	1/4	3,092.87	1/4	2,732.47	1/4	2,372.06	1/4	2,011.66
1/2		1/2	4,887.38	1/2	4,526.97	1/2	4,166.57	1/2	3,806.17	1/2	3,445.76	1/2	3,085.36	1/2	2,724.96	1/2	2,364.55	1/2	2,004.15
3/4		3/4	4,879.87	3/4	4,519.46	3/4	4,159.06	3/4	3,798.66	3/4	3,438.25	3/4	3,077.85	3/4	2,717.45	3/4	2,357.05	3/4	1,996.64
7		7	4,872.36	7	4,511.96	7	4,151.55	7	3,791.15	7	3,430.75	7	3,070.34	7	2,709.94	7	2,349.54	7	1,989.13
1/4		1/4	4,864.85	1/4	4,504.45	1/4	4,144.04	1/4	3,783.64	1/4	3,423.24	1/4	3,062.83	1/4	2,702.43	1/4	2,342.03	1/4	1,981.63
1/2		1/2	4,857.34	1/2	4,496.94	1/2	4,136.54	1/2	3,776.13	1/2	3,415.73	1/2	3,055.33	1/2	2,694.92	1/2	2,334.52	1/2	1,974.12
3/4		3/4	4,849.83	3/4	4,489.43	3/4	4,129.03	3/4	3,768.62	3/4	3,408.22	3/4	3,047.82	3/4	2,687.41	3/4	2,327.01	3/4	1,966.61
8		8	4,842.33	8	4,481.92	8	4,121.52	8	3,761.12	8	3,400.71	8	3,040.31	8	2,679.91	8	2,319.50	8	1,959.10
1/4		1/4	4,834.82	1/4	4,474.41	1/4	4,114.01	1/4	3,753.61	1/4	3,393.20	1/4	3,032.80	1/4	2,672.40	1/4	2,311.99	1/4	1,951.59
1/2		1/2	4,827.31	1/2	4,466.91	1/2	4,106.50	1/2	3,746.10	1/2	3,385.70	1/2	3,025.29	1/2	2,664.89	1/2	2,304.49	1/2	1,944.08
3/4		3/4	4,819.80	3/4	4,459.40	3/4	4,098.99	3/4	3,738.59	3/4	3,378.19	3/4	3,017.78	3/4	2,657.38	3/4	2,296.98	3/4	1,936.57
9		9	4,812.29	9	4,451.89	9	4,091.49	9	3,731.08	9	3,370.68	9	3,010.28	9	2,649.87	9	2,289.47	9	1,929.07
1/4		1/4	4,804.78	1/4	4,444.38	1/4	4,083.98	1/4	3,723.57	1/4	3,363.17	1/4	3,002.77	1/4	2,642.36	1/4	2,281.96	1/4	1,921.56
1/2		1/2	4,797.28	1/2	4,436.87	1/2	4,076.47	1/2	3,716.07	1/2	3,355.66	1/2	2,995.26	1/2	2,634.86	1/2	2,274.45	1/2	1,914.05
3/4		3/4	4,789.77	3/4	4,429.36	3/4	4,068.96	3/4	3,708.56	3/4	3,348.15	3/4	2,987.75	3/4	2,627.35	3/4	2,266.94	3/4	1,906.54
10		10	4,782.26	10	4,421.86	10	4,061.45	10	3,701.05	10	3,340.65	10	2,980.24	10	2,619.84	10	2,259.44	10	1,899.03
1/4		1/4	4,774.75	1/4	4,414.35	1/4	4,053.94	1/4	3,693.54	1/4	3,333.14	1/4	2,972.73	1/4	2,612.33	1/4	2,251.93	1/4	1,891.52
1/2		1/2	4,767.24	1/2	4,406.84	1/2	4,046.44	1/2	3,686.03	1/2	3,325.63	1/2	2,965.23	1/2	2,604.82	1/2	2,244.42	1/2	1,884.02
3/4		3/4	4,759.73	3/4	4,399.33	3/4	4,038.93	3/4	3,678.52	3/4	3,318.12	3/4	2,957.72	3/4	2,597.31	3/4	2,236.91	3/4	1,876.51
11		11	4,752.22	11	4,391.82	11	4,031.42	11	3,671.02	11	3,310.61	11	2,950.21	11	2,589.81	11	2,229.40	11	1,869.00
1/4	5,080.29	1/4	4,744.72	1/4	4,384.31	1/4	4,023.91	1/4	3,663.51	1/4	3,303.10	1/4	2,942.70	1/4	2,582.30	1/4	2,221.89	1/4	1,861.49
1/2	5,075.96	1/2	4,737.21	1/2	4,376.80	1/2	4,016.40	1/2	3,656.00	1/2	3,295.60	1/2	2,935.19	1/2	2,574.79	1/2	2,214.39	1/2	1,853.98
3/4	5,071.63	3/4	4,729.70	3/4	4,369.30	3/4	4,008.89	3/4	3,648.49	3/4	3,288.09	3/4	2,927.68	3/4	2,567.28	3/4	2,206.88	3/4	1,846.47

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 OF 2" DIAMETER "HERMETIC" VALVE.

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 41'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "DBL 315"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-01 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	1,838.97	0	1,478.56	0	1,118.28	0	758.54	0	398.15	0	42.49	0		0		0		0	
1/4	1,831.46	1/4	1,471.05	1/4	1,110.79	1/4	751.03	1/4	390.64	1/4	36.29	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,823.95	1/2	1,463.55	1/2	1,103.30	1/2	743.52	1/2	383.14	1/2	31.70	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,816.44	3/4	1,456.04	3/4	1,095.81	3/4	736.02	3/4	375.63	3/4	27.12	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,808.93	1	1,448.53	1	1,088.32	1	728.51	1	368.12	1	22.53	1	1	1	1	1	1	1	1
1/4	1,801.42	1/4	1,441.02	1/4	1,080.83	1/4	721.00	1/4	360.61	1/4	17.93	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,793.92	1/2	1,433.51	1/2	1,073.34	1/2	713.49	1/2	353.10	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,786.41	3/4	1,426.00	3/4	1,065.85	3/4	705.98	3/4	345.59	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,778.90	2	1,418.50	2	1,058.36	2	698.48	2	338.09	2		2		2		2		2	
1/4	1,771.39	1/4	1,410.99	1/4	1,050.88	1/4	690.97	1/4	330.58	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,763.88	1/2	1,403.48	1/2	1,043.39	1/2	683.46	1/2	323.07	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,756.37	3/4	1,395.97	3/4	1,035.90	3/4	675.95	3/4	315.56	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,748.86	3	1,388.46	3	1,028.41	3	668.44	3	308.05	3		3		3		3		3	
1/4	1,741.36	1/4	1,380.95	1/4	1,020.92	1/4	660.93	1/4	300.55	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,733.85	1/2	1,373.44	1/2	1,013.43	1/2	653.43	1/2	293.04	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,726.34	3/4	1,365.94	3/4	1,005.94	3/4	645.92	3/4	285.53	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,718.83	4	1,358.43	4	998.45	4	638.41	4	278.02	4		4		4		4		4	
1/4	1,711.32	1/4	1,350.92	1/4	990.96	1/4	630.90	1/4	270.51	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,703.81	1/2	1,343.41	1/2	983.48	1/2	623.39	1/2	263.01	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,696.31	3/4	1,335.90	3/4	975.99	3/4	615.89	3/4	255.50	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,688.80	5	1,328.39	5	968.50	5	608.38	5	247.99	5		5		5		5		5	
1/4	1,681.29	1/4	1,320.89	1/4	961.01	1/4	600.87	1/4	240.48	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,673.78	1/2	1,313.38	1/2	953.52	1/2	593.36	1/2	232.97	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,666.27	3/4	1,305.87	3/4	946.03	3/4	585.85	3/4	225.46	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,658.76	6	1,298.36	6	938.54	6	578.35	6	217.96	6		6		6		6		6	
1/4	1,651.26	1/4	1,290.85	1/4	931.05	1/4	570.84	1/4	210.45	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,643.75	1/2	1,283.34	1/2	923.56	1/2	563.33	1/2	202.94	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,636.24	3/4	1,275.84	3/4	916.08	3/4	555.82	3/4	195.43	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,628.73	7	1,268.33	7	908.59	7	548.31	7	187.92	7		7		7		7		7	
1/4	1,621.22	1/4	1,260.82	1/4	901.10	1/4	540.81	1/4	180.42	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,613.71	1/2	1,253.31	1/2	893.61	1/2	533.30	1/2	172.91	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,606.21	3/4	1,245.80	3/4	886.12	3/4	525.79	3/4	165.40	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,598.70	8	1,238.29	8	878.63	8	518.28	8	157.89	8		8		8		8		8	
1/4	1,591.19	1/4	1,230.79	1/4	871.14	1/4	510.77	1/4	150.38	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,583.68	1/2	1,223.28	1/2	863.64	1/2	503.26	1/2	142.88	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,576.17	3/4	1,215.77	3/4	856.14	3/4	495.76	3/4	135.37	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,568.66	9	1,208.26	9	848.63	9	488.25	9	127.87	9		9		9		9		9	
1/4	1,561.15	1/4	1,200.75	1/4	841.13	1/4	480.74	1/4	120.37	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,553.65	1/2	1,193.24	1/2	833.62	1/2	473.23	1/2	112.87	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,546.14	3/4	1,185.73	3/4	826.11	3/4	465.72	3/4	105.38	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,538.63	10	1,178.23	10	818.60	10	458.22	10	97.89	10		10		10		10		10	
1/4	1,531.12	1/4	1,170.72	1/4	811.10	1/4	450.71	1/4	90.40	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,523.61	1/2	1,163.22	1/2	803.59	1/2	443.20	1/2	83.07	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,516.10	3/4	1,155.73	3/4	796.08	3/4	435.69	3/4	75.74	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,508.60	11	1,148.24	11	788.57	11	428.18	11	68.41	11		11		11		11		11	
1/4	1,501.09	1/4	1,140.74	1/4	781.06	1/4	420.68	1/4	61.09	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,493.58	1/2	1,133.25	1/2	773.56	1/2	413.17	1/2	54.89	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,486.07	3/4	1,125.76	3/4	766.05	3/4	405.66	3/4	48.69	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/31/2019 JS  
CALCULATED: 12/31/2019 CL  
PRINTED: 01/07/2020 SW

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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Pearland, Texas 77588  
<http://www.pmacorp.net>



CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2019



# BARGE "DBL 315"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-01 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0	5,086.76	0	4,739.35	0	4,376.50	0	4,013.65	0	3,650.79	0	3,287.94	0	2,925.09	0	2,562.24	0	2,199.39
1/4		1/4	5,082.40	1/4	4,731.79	1/4	4,368.94	1/4	4,006.09	1/4	3,643.24	1/4	3,280.38	1/4	2,917.53	1/4	2,554.68	1/4	2,191.83
1/2		1/2	5,076.87	1/2	4,724.23	1/2	4,361.38	1/2	3,998.53	1/2	3,635.68	1/2	3,272.82	1/2	2,909.97	1/2	2,547.12	1/2	2,184.27
3/4		3/4	5,071.35	3/4	4,716.67	3/4	4,353.82	3/4	3,990.97	3/4	3,628.12	3/4	3,265.27	3/4	2,902.41	3/4	2,539.56	3/4	2,176.71
1		1	5,065.82	1	4,709.11	1	4,346.26	1	3,983.41	1	3,620.56	1	3,257.71	1	2,894.85	1	2,532.00	1	2,169.15
1/4		1/4	5,060.30	1/4	4,701.55	1/4	4,338.70	1/4	3,975.85	1/4	3,613.00	1/4	3,250.15	1/4	2,887.30	1/4	2,524.44	1/4	2,161.59
1/2		1/2	5,053.61	1/2	4,693.99	1/2	4,331.14	1/2	3,968.29	1/2	3,605.44	1/2	3,242.59	1/2	2,879.74	1/2	2,516.88	1/2	2,154.03
3/4		3/4	5,046.93	3/4	4,686.43	3/4	4,323.58	3/4	3,960.73	3/4	3,597.88	3/4	3,235.03	3/4	2,872.18	3/4	2,509.33	3/4	2,146.47
2		2	5,040.24	2	4,678.87	2	4,316.02	2	3,953.17	2	3,590.32	2	3,227.47	2	2,864.62	2	2,501.77	2	2,138.91
1/4		1/4	5,033.56	1/4	4,671.31	1/4	4,308.46	1/4	3,945.61	1/4	3,582.76	1/4	3,219.91	1/4	2,857.06	1/4	2,494.21	1/4	2,131.36
1/2		1/2	5,026.15	1/2	4,663.75	1/2	4,300.90	1/2	3,938.05	1/2	3,575.20	1/2	3,212.35	1/2	2,849.50	1/2	2,486.65	1/2	2,123.80
3/4		3/4	5,018.74	3/4	4,656.19	3/4	4,293.34	3/4	3,930.49	3/4	3,567.64	3/4	3,204.79	3/4	2,841.94	3/4	2,479.09	3/4	2,116.24
3		3	5,011.33	3	4,648.64	3	4,285.78	3	3,922.93	3	3,560.08	3	3,197.23	3	2,834.38	3	2,471.53	3	2,108.68
1/4		1/4	5,003.93	1/4	4,641.08	1/4	4,278.22	1/4	3,915.37	1/4	3,552.52	1/4	3,189.67	1/4	2,826.82	1/4	2,463.97	1/4	2,101.12
1/2		1/2	4,996.37	1/2	4,633.52	1/2	4,270.67	1/2	3,907.81	1/2	3,544.96	1/2	3,182.11	1/2	2,819.26	1/2	2,456.41	1/2	2,093.56
3/4		3/4	4,988.81	3/4	4,625.96	3/4	4,263.11	3/4	3,900.25	3/4	3,537.40	3/4	3,174.55	3/4	2,811.70	3/4	2,448.85	3/4	2,086.00
4		4	4,981.25	4	4,618.40	4	4,255.55	4	3,892.70	4	3,529.84	4	3,166.99	4	2,804.14	4	2,441.29	4	2,078.44
1/4		1/4	4,973.69	1/4	4,610.84	1/4	4,247.99	1/4	3,885.14	1/4	3,522.28	1/4	3,159.43	1/4	2,796.58	1/4	2,433.73	1/4	2,070.88
1/2		1/2	4,966.13	1/2	4,603.28	1/2	4,240.43	1/2	3,877.58	1/2	3,514.73	1/2	3,151.87	1/2	2,789.02	1/2	2,426.17	1/2	2,063.32
3/4		3/4	4,958.57	3/4	4,595.72	3/4	4,232.87	3/4	3,870.02	3/4	3,507.17	3/4	3,144.31	3/4	2,781.46	3/4	2,418.61	3/4	2,055.76
5		5	4,951.01	5	4,588.16	5	4,225.31	5	3,862.46	5	3,499.61	5	3,136.76	5	2,773.90	5	2,411.05	5	2,048.20
1/4		1/4	4,943.45	1/4	4,580.60	1/4	4,217.75	1/4	3,854.90	1/4	3,492.05	1/4	3,129.20	1/4	2,766.34	1/4	2,403.49	1/4	2,040.64
1/2		1/2	4,935.89	1/2	4,573.04	1/2	4,210.19	1/2	3,847.34	1/2	3,484.49	1/2	3,121.64	1/2	2,758.79	1/2	2,395.93	1/2	2,033.08
3/4		3/4	4,928.33	3/4	4,565.48	3/4	4,202.63	3/4	3,839.78	3/4	3,476.93	3/4	3,114.08	3/4	2,751.23	3/4	2,388.37	3/4	2,025.52
6		6	4,920.77	6	4,557.92	6	4,195.07	6	3,832.22	6	3,469.37	6	3,106.52	6	2,743.67	6	2,380.82	6	2,017.96
1/4		1/4	4,913.21	1/4	4,550.36	1/4	4,187.51	1/4	3,824.66	1/4	3,461.81	1/4	3,098.96	1/4	2,736.11	1/4	2,373.26	1/4	2,010.40
1/2		1/2	4,905.66	1/2	4,542.80	1/2	4,179.95	1/2	3,817.10	1/2	3,454.25	1/2	3,091.40	1/2	2,728.55	1/2	2,365.70	1/2	2,002.85
3/4		3/4	4,898.10	3/4	4,535.24	3/4	4,172.39	3/4	3,809.54	3/4	3,446.69	3/4	3,083.84	3/4	2,720.99	3/4	2,358.14	3/4	1,995.29
7		7	4,890.54	7	4,527.69	7	4,164.83	7	3,801.98	7	3,439.13	7	3,076.28	7	2,713.43	7	2,350.58	7	1,987.73
1/4		1/4	4,882.98	1/4	4,520.13	1/4	4,157.27	1/4	3,794.42	1/4	3,431.57	1/4	3,068.72	1/4	2,705.87	1/4	2,343.02	1/4	1,980.17
1/2		1/2	4,875.42	1/2	4,512.57	1/2	4,149.71	1/2	3,786.86	1/2	3,424.01	1/2	3,061.16	1/2	2,698.31	1/2	2,335.46	1/2	1,972.61
3/4		3/4	4,867.86	3/4	4,505.01	3/4	4,142.16	3/4	3,779.30	3/4	3,416.45	3/4	3,053.60	3/4	2,690.75	3/4	2,327.90	3/4	1,965.05
8		8	4,860.30	8	4,497.45	8	4,134.60	8	3,771.74	8	3,408.89	8	3,046.04	8	2,683.19	8	2,320.34	8	1,957.49
1/4		1/4	4,852.74	1/4	4,489.89	1/4	4,127.04	1/4	3,764.19	1/4	3,401.33	1/4	3,038.48	1/4	2,675.63	1/4	2,312.78	1/4	1,949.93
1/2		1/2	4,845.18	1/2	4,482.33	1/2	4,119.48	1/2	3,756.63	1/2	3,393.77	1/2	3,030.92	1/2	2,668.07	1/2	2,305.22	1/2	1,942.37
3/4		3/4	4,837.62	3/4	4,474.77	3/4	4,111.92	3/4	3,749.07	3/4	3,386.22	3/4	3,023.36	3/4	2,660.51	3/4	2,297.66	3/4	1,934.81
9		9	4,830.06	9	4,467.21	9	4,104.36	9	3,741.51	9	3,378.66	9	3,015.80	9	2,652.95	9	2,290.10	9	1,927.25
1/4		1/4	4,822.50	1/4	4,459.65	1/4	4,096.80	1/4	3,733.95	1/4	3,371.10	1/4	3,008.25	1/4	2,645.39	1/4	2,282.54	1/4	1,919.69
1/2		1/2	4,814.94	1/2	4,452.09	1/2	4,089.24	1/2	3,726.39	1/2	3,363.54	1/2	3,000.69	1/2	2,637.83	1/2	2,274.98	1/2	1,912.13
3/4		3/4	4,807.38	3/4	4,444.53	3/4	4,081.68	3/4	3,718.83	3/4	3,355.98	3/4	2,993.13	3/4	2,630.28	3/4	2,267.42	3/4	1,904.57
10		10	4,799.82	10	4,436.97	10	4,074.12	10	3,711.27	10	3,348.42	10	2,985.57	10	2,622.72	10	2,259.86	10	1,897.01
1/4		1/4	4,792.26	1/4	4,429.41	1/4	4,066.56	1/4	3,703.71	1/4	3,340.86	1/4	2,978.01	1/4	2,615.16	1/4	2,252.31	1/4	1,889.45
1/2		1/2	4,784.70	1/2	4,421.85	1/2	4,059.00	1/2	3,696.15	1/2	3,333.30	1/2	2,970.45	1/2	2,607.60	1/2	2,244.75	1/2	1,881.89
3/4		3/4	4,777.15	3/4	4,414.29	3/4	4,051.44	3/4	3,688.59	3/4	3,325.74	3/4	2,962.89	3/4	2,600.04	3/4	2,237.19	3/4	1,874.34
11		11	4,769.59	11	4,406.73	11	4,043.88	11	3,681.03	11	3,318.18	11	2,955.33	11	2,592.48	11	2,229.63	11	1,866.78
1/4	5,099.84	1/4	4,762.03	1/4	4,399.18	1/4	4,036.32	1/4	3,673.47	1/4	3,310.62	1/4	2,947.77	1/4	2,584.92	1/4	2,222.07	1/4	1,859.22
1/2	5,095.48	1/2	4,754.47	1/2	4,391.62	1/2	4,028.76	1/2	3,665.91	1/2	3,303.06	1/2	2,940.21	1/2	2,577.36	1/2	2,214.51	1/2	1,851.66
3/4	5,091.12	3/4	4,746.91	3/4	4,384.06	3/4	4,021.21	3/4	3,658.35	3/4	3,295.50	3/4	2,932.65	3/4	2,569.80	3/4	2,206.95	3/4	1,844.10

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 OF 2" DIAMETER "HERMETIC" VALVE.

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 41'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "DBL 315"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-01 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	1,836.54	0	1,473.69	0	1,113.93	0	763.68	0	400.85	0	42.78	0		0		0		0	
1/4	1,828.98	1/4	1,466.13	1/4	1,106.70	1/4	756.12	1/4	393.29	1/4	36.53	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,821.42	1/2	1,458.57	1/2	1,099.47	1/2	748.56	1/2	385.73	1/2	31.92	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,813.86	3/4	1,451.01	3/4	1,092.24	3/4	741.00	3/4	378.17	3/4	27.30	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,806.30	1	1,443.45	1	1,085.01	1	733.44	1	370.61	1	22.68	1	1	1	1	1	1	1	1
1/4	1,798.74	1/4	1,435.89	1/4	1,077.78	1/4	725.89	1/4	363.05	1/4	18.05	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,791.18	1/2	1,428.33	1/2	1,070.55	1/2	718.33	1/2	355.49	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,783.62	3/4	1,420.77	3/4	1,063.31	3/4	710.77	3/4	347.94	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,776.06	2	1,413.21	2	1,056.08	2	703.21	2	340.38	2		2		2		2		2	
1/4	1,768.50	1/4	1,405.65	1/4	1,048.85	1/4	695.65	1/4	332.82	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,760.94	1/2	1,398.09	1/2	1,041.62	1/2	688.09	1/2	325.26	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,753.39	3/4	1,390.53	3/4	1,034.39	3/4	680.53	3/4	317.70	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,745.83	3	1,382.97	3	1,027.16	3	672.97	3	310.14	3		3		3		3		3	
1/4	1,738.27	1/4	1,375.42	1/4	1,019.93	1/4	665.41	1/4	302.58	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,730.71	1/2	1,367.86	1/2	1,012.70	1/2	657.85	1/2	295.02	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,723.15	3/4	1,360.30	3/4	1,005.47	3/4	650.30	3/4	287.46	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,715.59	4	1,352.74	4	998.24	4	642.74	4	279.90	4		4		4		4		4	
1/4	1,708.03	1/4	1,345.18	1/4	991.01	1/4	635.18	1/4	272.35	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,700.47	1/2	1,337.62	1/2	983.78	1/2	627.62	1/2	264.79	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,692.91	3/4	1,330.06	3/4	976.55	3/4	620.06	3/4	257.23	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,685.35	5	1,322.50	5	969.32	5	612.50	5	249.67	5		5		5		5		5	
1/4	1,677.79	1/4	1,314.94	1/4	962.09	1/4	604.94	1/4	242.11	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,670.23	1/2	1,307.38	1/2	954.86	1/2	597.38	1/2	234.55	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,662.67	3/4	1,299.82	3/4	947.63	3/4	589.82	3/4	226.99	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,655.11	6	1,292.26	6	940.40	6	582.26	6	219.43	6		6		6		6		6	
1/4	1,647.55	1/4	1,284.70	1/4	933.17	1/4	574.71	1/4	211.87	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,639.99	1/2	1,277.14	1/2	925.94	1/2	567.15	1/2	204.31	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,632.43	3/4	1,269.58	3/4	918.70	3/4	559.59	3/4	196.76	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,624.88	7	1,262.02	7	911.47	7	552.03	7	189.20	7		7		7		7		7	
1/4	1,617.32	1/4	1,254.46	1/4	904.24	1/4	544.47	1/4	181.64	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,609.76	1/2	1,246.91	1/2	897.01	1/2	536.91	1/2	174.08	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,602.20	3/4	1,239.35	3/4	889.78	3/4	529.35	3/4	166.52	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,594.64	8	1,231.79	8	882.55	8	521.79	8	158.96	8		8		8		8		8	
1/4	1,587.08	1/4	1,224.23	1/4	875.32	1/4	514.23	1/4	151.40	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,579.52	1/2	1,216.67	1/2	868.08	1/2	506.67	1/2	143.85	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,571.96	3/4	1,209.11	3/4	860.84	3/4	499.12	3/4	136.29	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,564.40	9	1,201.55	9	853.61	9	491.56	9	128.73	9		9		9		9		9	
1/4	1,556.84	1/4	1,193.99	1/4	846.37	1/4	484.00	1/4	121.18	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,549.28	1/2	1,186.65	1/2	838.90	1/2	476.44	1/2	113.64	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,541.72	3/4	1,179.32	3/4	831.44	3/4	468.88	3/4	106.09	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,534.16	10	1,171.98	10	823.97	10	461.32	10	98.55	10		10		10		10		10	
1/4	1,526.60	1/4	1,164.65	1/4	816.50	1/4	453.76	1/4	91.01	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,519.04	1/2	1,157.40	1/2	808.96	1/2	446.20	1/2	83.63	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,511.48	3/4	1,150.14	3/4	801.42	3/4	438.64	3/4	76.25	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,503.92	11	1,142.89	11	793.88	11	431.08	11	68.87	11		11		11		11		11	
1/4	1,496.37	1/4	1,135.64	1/4	786.34	1/4	423.53	1/4	61.50	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,488.81	1/2	1,128.40	1/2	778.79	1/2	415.97	1/2	55.26	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,481.25	3/4	1,121.17	3/4	771.23	3/4	408.41	3/4	49.02	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/31/2019 JS  
CALCULATED: 12/31/2019 CL  
PRINTED: 01/07/2020 SW

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2019





# BARGE "DBL 315"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-01 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	5,090.17	0	4,747.02	0	4,385.29	0	4,023.57	0	3,661.85	0	3,300.12	0	2,938.40	0	2,576.68	0	2,214.95
1/4		1/4	5,085.83	1/4	4,739.48	1/4	4,377.76	1/4	4,016.03	1/4	3,654.31	1/4	3,292.59	1/4	2,930.86	1/4	2,569.14	1/4	2,207.42
1/2		1/2	5,081.48	1/2	4,731.94	1/2	4,370.22	1/2	4,008.50	1/2	3,646.77	1/2	3,285.05	1/2	2,923.33	1/2	2,561.60	1/2	2,199.88
3/4		3/4	5,075.97	3/4	4,724.41	3/4	4,362.68	3/4	4,000.96	3/4	3,639.24	3/4	3,277.51	3/4	2,915.79	3/4	2,554.07	3/4	2,192.35
1		1	5,070.47	1	4,716.87	1	4,355.15	1	3,993.43	1	3,631.70	1	3,269.98	1	2,908.26	1	2,546.53	1	2,184.81
1/4		1/4	5,064.96	1/4	4,709.34	1/4	4,347.61	1/4	3,985.89	1/4	3,624.17	1/4	3,262.44	1/4	2,900.72	1/4	2,539.00	1/4	2,177.27
1/2		1/2	5,059.45	1/2	4,701.80	1/2	4,340.08	1/2	3,978.35	1/2	3,616.63	1/2	3,254.91	1/2	2,893.18	1/2	2,531.46	1/2	2,169.74
3/4		3/4	5,052.79	3/4	4,694.26	3/4	4,332.54	3/4	3,970.82	3/4	3,609.09	3/4	3,247.37	3/4	2,885.65	3/4	2,523.92	3/4	2,162.20
2		2	5,046.12	2	4,686.73	2	4,325.01	2	3,963.28	2	3,601.56	2	3,239.84	2	2,878.11	2	2,516.39	2	2,154.67
1/4		1/4	5,039.45	1/4	4,679.19	1/4	4,317.47	1/4	3,955.75	1/4	3,594.02	1/4	3,232.30	1/4	2,870.58	1/4	2,508.85	1/4	2,147.13
1/2		1/2	5,032.79	1/2	4,671.66	1/2	4,309.93	1/2	3,948.21	1/2	3,586.49	1/2	3,224.76	1/2	2,863.04	1/2	2,501.32	1/2	2,139.59
3/4		3/4	5,025.40	3/4	4,664.12	3/4	4,302.40	3/4	3,940.67	3/4	3,578.95	3/4	3,217.23	3/4	2,855.50	3/4	2,493.78	3/4	2,132.06
3		3	5,018.01	3	4,656.58	3	4,294.86	3	3,933.14	3	3,571.42	3	3,209.69	3	2,847.97	3	2,486.25	3	2,124.52
1/4		1/4	5,010.62	1/4	4,649.05	1/4	4,287.33	1/4	3,925.60	1/4	3,563.88	1/4	3,202.16	1/4	2,840.43	1/4	2,478.71	1/4	2,116.99
1/2		1/2	5,003.24	1/2	4,641.51	1/2	4,279.79	1/2	3,918.07	1/2	3,556.34	1/2	3,194.62	1/2	2,832.90	1/2	2,471.17	1/2	2,109.45
3/4		3/4	4,995.70	3/4	4,633.98	3/4	4,272.25	3/4	3,910.53	3/4	3,548.81	3/4	3,187.08	3/4	2,825.36	3/4	2,463.64	3/4	2,101.91
4		4	4,988.16	4	4,626.44	4	4,264.72	4	3,902.99	4	3,541.27	4	3,179.55	4	2,817.83	4	2,456.10	4	2,094.38
1/4		1/4	4,980.63	1/4	4,618.91	1/4	4,257.18	1/4	3,895.46	1/4	3,533.74	1/4	3,172.01	1/4	2,810.29	1/4	2,448.57	1/4	2,086.84
1/2		1/2	4,973.09	1/2	4,611.37	1/2	4,249.65	1/2	3,887.92	1/2	3,526.20	1/2	3,164.48	1/2	2,802.75	1/2	2,441.03	1/2	2,079.31
3/4		3/4	4,965.56	3/4	4,603.83	3/4	4,242.11	3/4	3,880.39	3/4	3,518.66	3/4	3,156.94	3/4	2,795.22	3/4	2,433.49	3/4	2,071.77
5		5	4,958.02	5	4,596.30	5	4,234.57	5	3,872.85	5	3,511.13	5	3,149.40	5	2,787.68	5	2,425.96	5	2,064.24
1/4		1/4	4,950.48	1/4	4,588.76	1/4	4,227.04	1/4	3,865.32	1/4	3,503.59	1/4	3,141.87	1/4	2,780.15	1/4	2,418.42	1/4	2,056.70
1/2		1/2	4,942.95	1/2	4,581.23	1/2	4,219.50	1/2	3,857.78	1/2	3,496.06	1/2	3,134.33	1/2	2,772.61	1/2	2,410.89	1/2	2,049.16
3/4		3/4	4,935.41	3/4	4,573.69	3/4	4,211.97	3/4	3,850.24	3/4	3,488.52	3/4	3,126.80	3/4	2,765.07	3/4	2,403.35	3/4	2,041.63
6		6	4,927.88	6	4,566.15	6	4,204.43	6	3,842.71	6	3,480.98	6	3,119.26	6	2,757.54	6	2,395.81	6	2,034.09
1/4		1/4	4,920.34	1/4	4,558.62	1/4	4,196.89	1/4	3,835.17	1/4	3,473.45	1/4	3,111.73	1/4	2,750.00	1/4	2,388.28	1/4	2,026.56
1/2		1/2	4,912.81	1/2	4,551.08	1/2	4,189.36	1/2	3,827.64	1/2	3,465.91	1/2	3,104.19	1/2	2,742.47	1/2	2,380.74	1/2	2,019.02
3/4		3/4	4,905.27	3/4	4,543.55	3/4	4,181.82	3/4	3,820.10	3/4	3,458.38	3/4	3,096.65	3/4	2,734.93	3/4	2,373.21	3/4	2,011.48
7		7	4,897.73	7	4,536.01	7	4,174.29	7	3,812.56	7	3,450.84	7	3,089.12	7	2,727.39	7	2,365.67	7	2,003.95
1/4		1/4	4,890.20	1/4	4,528.47	1/4	4,166.75	1/4	3,805.03	1/4	3,443.30	1/4	3,081.58	1/4	2,719.86	1/4	2,358.14	1/4	1,996.41
1/2		1/2	4,882.66	1/2	4,520.94	1/2	4,159.22	1/2	3,797.49	1/2	3,435.77	1/2	3,074.05	1/2	2,712.32	1/2	2,350.60	1/2	1,988.88
3/4		3/4	4,875.13	3/4	4,513.40	3/4	4,151.68	3/4	3,789.96	3/4	3,428.23	3/4	3,066.51	3/4	2,704.79	3/4	2,343.06	3/4	1,981.34
8		8	4,867.59	8	4,505.87	8	4,144.14	8	3,782.42	8	3,420.70	8	3,058.97	8	2,697.25	8	2,335.53	8	1,973.80
1/4		1/4	4,860.05	1/4	4,498.33	1/4	4,136.61	1/4	3,774.88	1/4	3,413.16	1/4	3,051.44	1/4	2,689.71	1/4	2,327.99	1/4	1,966.27
1/2		1/2	4,852.52	1/2	4,490.79	1/2	4,129.07	1/2	3,767.35	1/2	3,405.63	1/2	3,043.90	1/2	2,682.18	1/2	2,320.46	1/2	1,958.73
3/4		3/4	4,844.98	3/4	4,483.26	3/4	4,121.54	3/4	3,759.81	3/4	3,398.09	3/4	3,036.37	3/4	2,674.64	3/4	2,312.92	3/4	1,951.20
9		9	4,837.45	9	4,475.72	9	4,114.00	9	3,752.28	9	3,390.55	9	3,028.83	9	2,667.11	9	2,305.38	9	1,943.66
1/4		1/4	4,829.91	1/4	4,468.19	1/4	4,106.46	1/4	3,744.74	1/4	3,383.02	1/4	3,021.29	1/4	2,659.57	1/4	2,297.85	1/4	1,936.12
1/2		1/2	4,822.37	1/2	4,460.65	1/2	4,098.93	1/2	3,737.20	1/2	3,375.48	1/2	3,013.76	1/2	2,652.04	1/2	2,290.31	1/2	1,928.59
3/4		3/4	4,814.84	3/4	4,453.12	3/4	4,091.39	3/4	3,729.67	3/4	3,367.95	3/4	3,006.22	3/4	2,644.50	3/4	2,282.78	3/4	1,921.05
10		10	4,807.30	10	4,445.58	10	4,083.86	10	3,722.13	10	3,360.41	10	2,998.69	10	2,636.96	10	2,275.24	10	1,913.52
1/4		1/4	4,799.77	1/4	4,438.04	1/4	4,076.32	1/4	3,714.60	1/4	3,352.87	1/4	2,991.15	1/4	2,629.43	1/4	2,267.70	1/4	1,905.98
1/2		1/2	4,792.23	1/2	4,430.51	1/2	4,068.78	1/2	3,707.06	1/2	3,345.34	1/2	2,983.61	1/2	2,621.89	1/2	2,260.17	1/2	1,898.45
3/4		3/4	4,784.69	3/4	4,422.97	3/4	4,061.25	3/4	3,699.53	3/4	3,337.80	3/4	2,976.08	3/4	2,614.36	3/4	2,252.63	3/4	1,890.91
11		11	4,777.16	11	4,415.44	11	4,053.71	11	3,691.99	11	3,330.27	11	2,968.54	11	2,606.82	11	2,245.10	11	1,883.37
1/4		1/4	4,769.62	1/4	4,407.90	1/4	4,046.18	1/4	3,684.45	1/4	3,322.73	1/4	2,961.01	1/4	2,599.28	1/4	2,237.56	1/4	1,875.84
1/2	5,098.87	1/2	4,762.09	1/2	4,400.36	1/2	4,038.64	1/2	3,676.92	1/2	3,315.19	1/2	2,953.47	1/2	2,591.75	1/2	2,230.02	1/2	1,868.30
3/4	5,094.52	3/4	4,754.55	3/4	4,392.83	3/4	4,031.10	3/4	3,669.38	3/4	3,307.66	3/4	2,945.94	3/4	2,584.21	3/4	2,222.49	3/4	1,860.77

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 OF 2" DIAMETER "HERMETIC" VALVE.  
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 41'-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 "DBL 315"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-01 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	1,853.23	0	1,491.51	0	1,129.88	0	768.85	0	407.14	0	48.86	0		0		0		0	
1/4	1,845.69	1/4	1,483.97	1/4	1,122.36	1/4	761.31	1/4	399.60	1/4	42.64	1/4	1/4	1/4	1/4		1/4	1/4	1/4
1/2	1,838.16	1/2	1,476.43	1/2	1,114.85	1/2	753.78	1/2	392.07	1/2	36.42	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,830.62	3/4	1,468.90	3/4	1,107.33	3/4	746.24	3/4	384.53	3/4	31.81	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,823.09	1	1,461.36	1	1,099.82	1	738.70	1	377.00	1	27.21	1		1		1		1	
1/4	1,815.55	1/4	1,453.83	1/4	1,092.30	1/4	731.17	1/4	369.46	1/4	22.60	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,808.01	1/2	1,446.29	1/2	1,084.78	1/2	723.63	1/2	361.92	1/2	18.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,800.48	3/4	1,438.76	3/4	1,077.27	3/4	716.10	3/4	354.39	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,792.94	2	1,431.22	2	1,069.75	2	708.56	2	346.85	2		2		2		2		2	
1/4	1,785.41	1/4	1,423.68	1/4	1,062.23	1/4	701.03	1/4	339.32	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,777.87	1/2	1,416.15	1/2	1,054.72	1/2	693.49	1/2	331.78	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,770.33	3/4	1,408.61	3/4	1,047.20	3/4	685.96	3/4	324.25	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,762.80	3	1,401.08	3	1,039.68	3	678.42	3	316.71	3		3		3		3		3	
1/4	1,755.26	1/4	1,393.54	1/4	1,032.17	1/4	670.88	1/4	309.18	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,747.73	1/2	1,386.00	1/2	1,024.65	1/2	663.35	1/2	301.64	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,740.19	3/4	1,378.47	3/4	1,017.14	3/4	655.81	3/4	294.10	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,732.66	4	1,370.93	4	1,009.62	4	648.28	4	286.57	4		4		4		4		4	
1/4	1,725.12	1/4	1,363.40	1/4	1,002.10	1/4	640.74	1/4	279.03	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,717.58	1/2	1,355.86	1/2	994.59	1/2	633.21	1/2	271.50	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,710.05	3/4	1,348.32	3/4	987.07	3/4	625.67	3/4	263.96	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,702.51	5	1,340.79	5	979.55	5	618.14	5	256.43	5		5		5		5		5	
1/4	1,694.98	1/4	1,333.25	1/4	972.04	1/4	610.60	1/4	248.89	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,687.44	1/2	1,325.72	1/2	964.52	1/2	603.06	1/2	241.36	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,679.90	3/4	1,318.18	3/4	957.00	3/4	595.53	3/4	233.82	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,672.37	6	1,310.65	6	949.49	6	587.99	6	226.28	6		6		6		6		6	
1/4	1,664.83	1/4	1,303.11	1/4	941.97	1/4	580.46	1/4	218.75	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,657.30	1/2	1,295.57	1/2	934.46	1/2	572.92	1/2	211.21	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,649.76	3/4	1,288.04	3/4	926.94	3/4	565.39	3/4	203.68	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,642.22	7	1,280.50	7	919.42	7	557.85	7	196.14	7		7		7		7		7	
1/4	1,634.69	1/4	1,272.97	1/4	911.91	1/4	550.31	1/4	188.61	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,627.15	1/2	1,265.43	1/2	904.39	1/2	542.78	1/2	181.07	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,619.62	3/4	1,257.89	3/4	896.87	3/4	535.24	3/4	173.53	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,612.08	8	1,250.36	8	889.36	8	527.71	8	166.00	8		8		8		8		8	
1/4	1,604.55	1/4	1,242.82	1/4	881.84	1/4	520.17	1/4	158.46	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,597.01	1/2	1,235.29	1/2	874.32	1/2	512.64	1/2	150.93	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,589.47	3/4	1,227.75	3/4	866.79	3/4	505.10	3/4	143.40	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,581.94	9	1,220.21	9	859.26	9	497.57	9	135.86	9		9		9		9		9	
1/4	1,574.40	1/4	1,212.68	1/4	851.73	1/4	490.03	1/4	128.33	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,566.87	1/2	1,205.14	1/2	844.20	1/2	482.49	1/2	120.80	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,559.33	3/4	1,197.61	3/4	836.67	3/4	474.96	3/4	113.28	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,551.79	10	1,190.07	10	829.13	10	467.42	10	105.76	10		10		10		10		10	
1/4	1,544.26	1/4	1,182.53	1/4	821.60	1/4	459.89	1/4	98.24	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,536.72	1/2	1,175.00	1/2	814.06	1/2	452.35	1/2	90.72	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,529.19	3/4	1,167.48	3/4	806.53	3/4	444.82	3/4	83.37	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,521.65	11	1,159.96	11	798.99	11	437.28	11	76.01	11		11		11		11		11	
1/4	1,514.11	1/4	1,152.43	1/4	791.45	1/4	429.75	1/4	68.66	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,506.58	1/2	1,144.91	1/2	783.92	1/2	422.21	1/2	61.30	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,499.04	3/4	1,137.40	3/4	776.38	3/4	414.67	3/4	55.08	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/31/2019 JS  
CALCULATED: 12/31/2019 CL  
PRINTED: 01/07/2020 SW

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>

CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2019



# BARGE "DBL 315"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-01"

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	4,621.32	0	4,380.82	0	4,128.06	0	3,875.30	0	3,622.55	0	3,288.57	0	2,925.03	0	2,561.37	0	2,197.67
1/4		1/4	4,618.10	1/4	4,375.55	1/4	4,122.80	1/4	3,870.04	1/4	3,617.28	1/4	3,280.99	1/4	2,917.45	1/4	2,553.79	1/4	2,190.09
1/2		1/2	4,614.88	1/2	4,370.29	1/2	4,117.53	1/2	3,864.77	1/2	3,612.01	1/2	3,273.41	1/2	2,909.88	1/2	2,546.21	1/2	2,182.52
3/4		3/4	4,611.66	3/4	4,365.02	3/4	4,112.26	3/4	3,859.51	3/4	3,606.75	3/4	3,265.84	3/4	2,902.30	3/4	2,538.64	3/4	2,174.94
1		1	4,608.44	1	4,359.76	1	4,107.00	1	3,854.24	1	3,601.48	1	3,258.26	1	2,894.72	1	2,531.06	1	2,167.36
1/4		1/4	4,604.04	1/4	4,354.49	1/4	4,101.73	1/4	3,848.97	1/4	3,596.22	1/4	3,250.69	1/4	2,887.15	1/4	2,523.48	1/4	2,159.79
1/2		1/2	4,599.65	1/2	4,349.23	1/2	4,096.47	1/2	3,843.71	1/2	3,590.95	1/2	3,243.11	1/2	2,879.57	1/2	2,515.91	1/2	2,152.21
3/4		3/4	4,595.26	3/4	4,343.96	3/4	4,091.20	3/4	3,838.44	3/4	3,585.68	3/4	3,235.53	3/4	2,871.99	3/4	2,508.33	3/4	2,144.63
2		2	4,590.87	2	4,338.69	2	4,085.94	2	3,833.18	2	3,580.42	2	3,227.96	2	2,864.41	2	2,500.75	2	2,137.06
1/4		1/4	4,585.75	1/4	4,333.43	1/4	4,080.67	1/4	3,827.91	1/4	3,575.15	1/4	3,220.38	1/4	2,856.84	1/4	2,493.17	1/4	2,129.48
1/2		1/2	4,580.63	1/2	4,328.16	1/2	4,075.40	1/2	3,822.65	1/2	3,569.89	1/2	3,212.80	1/2	2,849.27	1/2	2,485.60	1/2	2,121.90
3/4		3/4	4,575.51	3/4	4,322.90	3/4	4,070.14	3/4	3,817.38	3/4	3,564.62	3/4	3,205.23	3/4	2,841.69	3/4	2,478.02	3/4	2,114.32
3		3	4,570.39	3	4,317.63	3	4,064.87	3	3,812.11	3	3,559.36	3	3,197.65	3	2,834.12	3	2,470.44	3	2,106.75
1/4		1/4	4,565.12	1/4	4,312.37	1/4	4,059.61	1/4	3,806.85	1/4	3,552.35	1/4	3,190.08	1/4	2,826.55	1/4	2,462.87	1/4	2,099.17
1/2		1/2	4,559.86	1/2	4,307.10	1/2	4,054.34	1/2	3,801.58	1/2	3,545.34	1/2	3,182.51	1/2	2,818.97	1/2	2,455.29	1/2	2,091.59
3/4		3/4	4,554.59	3/4	4,301.83	3/4	4,049.07	3/4	3,796.32	3/4	3,538.33	3/4	3,174.94	3/4	2,811.40	3/4	2,447.71	3/4	2,084.02
4		4	4,549.33	4	4,296.57	4	4,043.81	4	3,791.05	4	3,531.32	4	3,167.36	4	2,803.83	4	2,440.14	4	2,076.44
1/4		1/4	4,544.06	1/4	4,291.30	1/4	4,038.54	1/4	3,785.78	1/4	3,523.72	1/4	3,159.79	1/4	2,796.25	1/4	2,432.56	1/4	2,068.86
1/2		1/2	4,538.79	1/2	4,286.04	1/2	4,033.28	1/2	3,780.52	1/2	3,516.13	1/2	3,152.22	1/2	2,788.68	1/2	2,424.98	1/2	2,061.29
3/4		3/4	4,533.53	3/4	4,280.77	3/4	4,028.01	3/4	3,775.25	3/4	3,508.54	3/4	3,144.65	3/4	2,781.10	3/4	2,417.40	3/4	2,053.71
5		5	4,528.26	5	4,275.50	5	4,022.75	5	3,769.99	5	3,500.95	5	3,137.08	5	2,773.52	5	2,409.83	5	2,046.13
1/4		1/4	4,523.00	1/4	4,270.24	1/4	4,017.48	1/4	3,764.72	1/4	3,493.36	1/4	3,129.51	1/4	2,765.95	1/4	2,402.25	1/4	2,038.55
1/2		1/2	4,517.73	1/2	4,264.97	1/2	4,012.21	1/2	3,759.46	1/2	3,485.77	1/2	3,121.94	1/2	2,758.37	1/2	2,394.67	1/2	2,030.98
3/4		3/4	4,512.47	3/4	4,259.71	3/4	4,006.95	3/4	3,754.19	3/4	3,478.18	3/4	3,114.37	3/4	2,750.79	3/4	2,387.10	3/4	2,023.40
6		6	4,507.20	6	4,254.44	6	4,001.68	6	3,748.92	6	3,470.59	6	3,106.80	6	2,743.22	6	2,379.52	6	2,015.82
1/4		1/4	4,501.93	1/4	4,249.18	1/4	3,996.42	1/4	3,743.66	1/4	3,463.00	1/4	3,099.23	1/4	2,735.64	1/4	2,371.94	1/4	2,008.25
1/2		1/2	4,496.67	1/2	4,243.91	1/2	3,991.15	1/2	3,738.39	1/2	3,455.40	1/2	3,091.66	1/2	2,728.06	1/2	2,364.37	1/2	2,000.67
3/4		3/4	4,491.40	3/4	4,238.64	3/4	3,985.89	3/4	3,733.13	3/4	3,447.81	3/4	3,084.09	3/4	2,720.48	3/4	2,356.79	3/4	1,993.09
7		7	4,486.14	7	4,233.38	7	3,980.62	7	3,727.86	7	3,440.22	7	3,076.51	7	2,712.91	7	2,349.21	7	1,985.52
1/4		1/4	4,480.87	1/4	4,228.11	1/4	3,975.35	1/4	3,722.60	1/4	3,432.63	1/4	3,068.94	1/4	2,705.33	1/4	2,341.63	1/4	1,977.94
1/2		1/2	4,475.60	1/2	4,222.85	1/2	3,970.09	1/2	3,717.33	1/2	3,425.04	1/2	3,061.37	1/2	2,697.75	1/2	2,334.06	1/2	1,970.36
3/4		3/4	4,470.34	3/4	4,217.58	3/4	3,964.82	3/4	3,712.06	3/4	3,417.45	3/4	3,053.80	3/4	2,690.18	3/4	2,326.48	3/4	1,962.78
8		8	4,465.07	8	4,212.31	8	3,959.56	8	3,706.80	8	3,409.86	8	3,046.23	8	2,682.60	8	2,318.90	8	1,955.21
1/4		1/4	4,459.81	1/4	4,207.05	1/4	3,954.29	1/4	3,701.53	1/4	3,402.27	1/4	3,038.66	1/4	2,675.02	1/4	2,311.33	1/4	1,947.63
1/2		1/2	4,454.54	1/2	4,201.78	1/2	3,949.02	1/2	3,696.27	1/2	3,394.68	1/2	3,031.09	1/2	2,667.45	1/2	2,303.75	1/2	1,940.05
3/4		3/4	4,449.28	3/4	4,196.52	3/4	3,943.76	3/4	3,691.00	3/4	3,387.09	3/4	3,023.52	3/4	2,659.87	3/4	2,296.17	3/4	1,932.48
9		9	4,444.01	9	4,191.25	9	3,938.49	9	3,685.73	9	3,379.49	9	3,015.95	9	2,652.29	9	2,288.60	9	1,924.90
1/4		1/4	4,438.74	1/4	4,185.99	1/4	3,933.23	1/4	3,680.47	1/4	3,371.91	1/4	3,008.37	1/4	2,644.71	1/4	2,281.02	1/4	1,917.32
1/2		1/2	4,433.48	1/2	4,180.72	1/2	3,927.96	1/2	3,675.20	1/2	3,364.33	1/2	3,000.80	1/2	2,637.14	1/2	2,273.44	1/2	1,909.75
3/4		3/4	4,428.21	3/4	4,175.45	3/4	3,922.70	3/4	3,669.94	3/4	3,356.75	3/4	2,993.22	3/4	2,629.56	3/4	2,265.86	3/4	1,902.17
10		10	4,422.95	10	4,170.19	10	3,917.43	10	3,664.67	10	3,349.17	10	2,985.65	10	2,621.98	10	2,258.29	10	1,894.59
1/4		1/4	4,417.68	1/4	4,164.92	1/4	3,912.16	1/4	3,659.41	1/4	3,341.60	1/4	2,978.07	1/4	2,614.41	1/4	2,250.71	1/4	1,887.01
1/2		1/2	4,412.42	1/2	4,159.66	1/2	3,906.90	1/2	3,654.14	1/2	3,334.02	1/2	2,970.49	1/2	2,606.83	1/2	2,243.13	1/2	1,879.44
3/4		3/4	4,407.15	3/4	4,154.39	3/4	3,901.63	3/4	3,648.87	3/4	3,326.45	3/4	2,962.92	3/4	2,599.25	3/4	2,235.56	3/4	1,871.86
11	4,629.54	11	4,401.88	11	4,149.13	11	3,896.37	11	3,643.61	11	3,318.87	11	2,955.34	11	2,591.68	11	2,227.98	11	1,864.28
1/4	4,627.49	1/4	4,396.62	1/4	4,143.86	1/4	3,891.10	1/4	3,638.34	1/4	3,311.29	1/4	2,947.76	1/4	2,584.10	1/4	2,220.40	1/4	1,856.70
1/2	4,625.43	1/2	4,391.35	1/2	4,138.59	1/2	3,885.84	1/2	3,633.08	1/2	3,303.72	1/2	2,940.18	1/2	2,576.52	1/2	2,212.83	1/2	1,849.12
3/4	4,623.38	3/4	4,386.09	3/4	4,133.33	3/4	3,880.57	3/4	3,627.81	3/4	3,296.14	3/4	2,932.61	3/4	2,568.94	3/4	2,205.25	3/4	1,841.54

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 OF 2" DIAMETER "HERMETIC" VALVE.  
GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 55'-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 "DBL 315"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-01"

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	1,833.96	0	1,470.16	0	1,109.82	0	758.27	0	394.48	0	36.66	0		0		0		0	
1/4	1,826.39	1/4	1,462.58	1/4	1,102.58	1/4	750.69	1/4	386.90	1/4	32.02	1/4		1/4		1/4		1/4	
1/2	1,818.81	1/2	1,455.00	1/2	1,095.34	1/2	743.11	1/2	379.32	1/2	27.39	1/2		1/2		1/2		1/2	
3/4	1,811.23	3/4	1,447.42	3/4	1,088.10	3/4	735.53	3/4	371.74	3/4	22.75	3/4		3/4		3/4		3/4	
1	1,803.65	1	1,439.84	1	1,080.86	1	727.96	1	364.16	1	18.12	1		1		1		1	
1/4	1,796.07	1/4	1,432.26	1/4	1,073.62	1/4	720.38	1/4	356.58	1/4		1/4		1/4		1/4		1/4	
1/2	1,788.49	1/2	1,424.68	1/2	1,066.38	1/2	712.80	1/2	349.01	1/2		1/2		1/2		1/2		1/2	
3/4	1,780.91	3/4	1,417.10	3/4	1,059.15	3/4	705.22	3/4	341.43	3/4		3/4		3/4		3/4		3/4	
2	1,773.33	2	1,409.52	2	1,051.91	2	697.64	2	333.85	2		2		2		2		2	
1/4	1,765.75	1/4	1,401.94	1/4	1,044.67	1/4	690.06	1/4	326.27	1/4		1/4		1/4		1/4		1/4	
1/2	1,758.17	1/2	1,394.36	1/2	1,037.43	1/2	682.48	1/2	318.69	1/2		1/2		1/2		1/2		1/2	
3/4	1,750.59	3/4	1,386.79	3/4	1,030.19	3/4	674.90	3/4	311.11	3/4		3/4		3/4		3/4		3/4	
3	1,743.01	3	1,379.21	3	1,022.95	3	667.32	3	303.53	3		3		3		3		3	
1/4	1,735.43	1/4	1,371.63	1/4	1,015.71	1/4	659.74	1/4	295.95	1/4		1/4		1/4		1/4		1/4	
1/2	1,727.85	1/2	1,364.05	1/2	1,008.47	1/2	652.17	1/2	288.37	1/2		1/2		1/2		1/2		1/2	
3/4	1,720.27	3/4	1,356.47	3/4	1,001.23	3/4	644.59	3/4	280.79	3/4		3/4		3/4		3/4		3/4	
4	1,712.70	4	1,348.89	4	993.99	4	637.01	4	273.22	4		4		4		4		4	
1/4	1,705.12	1/4	1,341.31	1/4	986.76	1/4	629.43	1/4	265.64	1/4		1/4		1/4		1/4		1/4	
1/2	1,697.54	1/2	1,333.73	1/2	979.52	1/2	621.85	1/2	258.06	1/2		1/2		1/2		1/2		1/2	
3/4	1,689.96	3/4	1,326.15	3/4	972.28	3/4	614.27	3/4	250.48	3/4		3/4		3/4		3/4		3/4	
5	1,682.38	5	1,318.57	5	965.04	5	606.69	5	242.90	5		5		5		5		5	
1/4	1,674.80	1/4	1,310.99	1/4	957.80	1/4	599.11	1/4	235.32	1/4		1/4		1/4		1/4		1/4	
1/2	1,667.22	1/2	1,303.41	1/2	950.56	1/2	591.53	1/2	227.74	1/2		1/2		1/2		1/2		1/2	
3/4	1,659.64	3/4	1,295.83	3/4	943.32	3/4	583.95	3/4	220.16	3/4		3/4		3/4		3/4		3/4	
6	1,652.06	6	1,288.25	6	936.08	6	576.38	6	212.58	6		6		6		6		6	
1/4	1,644.48	1/4	1,280.68	1/4	928.84	1/4	568.80	1/4	205.00	1/4		1/4		1/4		1/4		1/4	
1/2	1,636.90	1/2	1,273.10	1/2	921.60	1/2	561.22	1/2	197.43	1/2		1/2		1/2		1/2		1/2	
3/4	1,629.32	3/4	1,265.52	3/4	914.37	3/4	553.64	3/4	189.85	3/4		3/4		3/4		3/4		3/4	
7	1,621.74	7	1,257.94	7	907.13	7	546.06	7	182.27	7		7		7		7		7	
1/4	1,614.16	1/4	1,250.36	1/4	899.88	1/4	538.48	1/4	174.69	1/4		1/4		1/4		1/4		1/4	
1/2	1,606.59	1/2	1,242.78	1/2	892.64	1/2	530.90	1/2	167.11	1/2		1/2		1/2		1/2		1/2	
3/4	1,599.01	3/4	1,235.20	3/4	885.39	3/4	523.32	3/4	159.53	3/4		3/4		3/4		3/4		3/4	
8	1,591.43	8	1,227.62	8	878.14	8	515.74	8	151.95	8		8		8		8		8	
1/4	1,583.85	1/4	1,220.04	1/4	870.85	1/4	508.16	1/4	144.38	1/4		1/4		1/4		1/4		1/4	
1/2	1,576.27	1/2	1,212.46	1/2	863.55	1/2	500.59	1/2	136.80	1/2		1/2		1/2		1/2		1/2	
3/4	1,568.69	3/4	1,204.88	3/4	856.25	3/4	493.01	3/4	129.22	3/4		3/4		3/4		3/4		3/4	
9	1,561.11	9	1,197.30	9	848.96	9	485.43	9	121.65	9		9		9		9		9	
1/4	1,553.53	1/4	1,189.93	1/4	841.44	1/4	477.85	1/4	114.08	1/4		1/4		1/4		1/4		1/4	
1/2	1,545.95	1/2	1,182.55	1/2	833.93	1/2	470.27	1/2	106.51	1/2		1/2		1/2		1/2		1/2	
3/4	1,538.37	3/4	1,175.18	3/4	826.42	3/4	462.69	3/4	98.93	3/4		3/4		3/4		3/4		3/4	
10	1,530.79	10	1,167.81	10	818.90	10	455.11	10	91.36	10		10		10		10		10	
1/4	1,523.21	1/4	1,160.55	1/4	811.32	1/4	447.53	1/4	83.95	1/4		1/4		1/4		1/4		1/4	
1/2	1,515.63	1/2	1,153.29	1/2	803.75	1/2	439.95	1/2	76.55	1/2		1/2		1/2		1/2		1/2	
3/4	1,508.05	3/4	1,146.03	3/4	796.17	3/4	432.37	3/4	69.14	3/4		3/4		3/4		3/4		3/4	
11	1,500.48	11	1,138.78	11	788.59	11	424.80	11	61.73	11		11		11		11		11	
1/4	1,492.90	1/4	1,131.54	1/4	781.01	1/4	417.22	1/4	55.46	1/4		1/4		1/4		1/4		1/4	
1/2	1,485.32	1/2	1,124.30	1/2	773.43	1/2	409.64	1/2	49.20	1/2		1/2		1/2		1/2		1/2	
3/4	1,477.74	3/4	1,117.06	3/4	765.85	3/4	402.06	3/4	42.93	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/31/2019 JS  
CALCULATED: 12/31/2019 CL  
PRINTED: 01/07/2020 SW

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2019



# BARGE "DBL 315"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-01 1/4"

0 FT.			1 FT.			2 FT.			3 FT.			4 FT.			5 FT.			6 FT.			7 FT.			8 FT.			9 FT.				
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0			0	4,635.64	0	4,398.94	0	4,146.78	0	3,894.62	0	3,642.46	0	3,311.24	0	2,947.47	0	2,583.70	0	2,219.93											
1/4	1/4	4,633.59	1/4	4,393.68	1/4	4,141.53	1/4	3,889.37	1/4	3,637.21	1/4	3,303.67	1/4	2,939.89	1/4	2,576.12	1/4	2,212.35													
1/2	1/2	4,630.38	1/2	4,388.43	1/2	4,136.27	1/2	3,884.11	1/2	3,631.96	1/2	3,296.09	1/2	2,932.31	1/2	2,568.54	1/2	2,204.77													
3/4	3/4	4,627.17	3/4	4,383.18	3/4	4,131.02	3/4	3,878.86	3/4	3,626.70	3/4	3,288.51	3/4	2,924.74	3/4	2,560.96	3/4	2,197.19													
1	1	4,623.95	1	4,377.92	1	4,125.77	1	3,873.61	1	3,621.45	1	3,280.93	1	2,917.16	1	2,553.38	1	2,189.61													
1/4	1/4	4,620.74	1/4	4,372.67	1/4	4,120.51	1/4	3,868.35	1/4	3,616.20	1/4	3,273.35	1/4	2,909.58	1/4	2,545.81	1/4	2,182.03													
1/2	1/2	4,616.36	1/2	4,367.42	1/2	4,115.26	1/2	3,863.10	1/2	3,610.94	1/2	3,265.77	1/2	2,902.00	1/2	2,538.23	1/2	2,174.45													
3/4	3/4	4,611.99	3/4	4,362.16	3/4	4,110.01	3/4	3,857.85	3/4	3,605.69	3/4	3,258.19	3/4	2,894.42	3/4	2,530.65	3/4	2,166.88													
2	2	4,607.61	2	4,356.91	2	4,104.75	2	3,852.59	2	3,600.44	2	3,250.61	2	2,886.84	2	2,523.07	2	2,159.30													
1/4	1/4	4,603.23	1/4	4,351.66	1/4	4,099.50	1/4	3,847.34	1/4	3,595.18	1/4	3,243.04	1/4	2,879.26	1/4	2,515.49	1/4	2,151.72													
1/2	1/2	4,598.12	1/2	4,346.40	1/2	4,094.25	1/2	3,842.09	1/2	3,589.93	1/2	3,235.46	1/2	2,871.69	1/2	2,507.91	1/2	2,144.14													
3/4	3/4	4,593.02	3/4	4,341.15	3/4	4,088.99	3/4	3,836.83	3/4	3,584.68	3/4	3,227.88	3/4	2,864.11	3/4	2,500.33	3/4	2,136.56													
3	3	4,587.91	3	4,335.90	3	4,083.74	3	3,831.58	3	3,579.42	3	3,220.30	3	2,856.53	3	2,492.76	3	2,128.98													
1/4	1/4	4,582.80	1/4	4,330.64	1/4	4,078.49	1/4	3,826.33	1/4	3,574.17	1/4	3,212.72	1/4	2,848.95	1/4	2,485.18	1/4	2,121.40													
1/2	1/2	4,577.55	1/2	4,325.39	1/2	4,073.23	1/2	3,821.07	1/2	3,567.17	1/2	3,205.14	1/2	2,841.37	1/2	2,477.60	1/2	2,113.83													
3/4	3/4	4,572.30	3/4	4,320.14	3/4	4,067.98	3/4	3,815.82	3/4	3,560.17	3/4	3,197.56	3/4	2,833.79	3/4	2,470.02	3/4	2,106.25													
4	4	4,567.04	4	4,314.88	4	4,062.73	4	3,810.57	4	3,553.18	4	3,189.99	4	2,826.21	4	2,462.44	4	2,098.67													
1/4	1/4	4,561.79	1/4	4,309.63	1/4	4,057.47	1/4	3,805.31	1/4	3,546.18	1/4	3,182.41	1/4	2,818.63	1/4	2,454.86	1/4	2,091.09													
1/2	1/2	4,556.54	1/2	4,304.38	1/2	4,052.22	1/2	3,800.06	1/2	3,538.60	1/2	3,174.83	1/2	2,811.06	1/2	2,447.28	1/2	2,083.51													
3/4	3/4	4,551.28	3/4	4,299.12	3/4	4,046.97	3/4	3,794.81	3/4	3,531.02	3/4	3,167.25	3/4	2,803.48	3/4	2,439.70	3/4	2,075.93													
5	5	4,546.03	5	4,293.87	5	4,041.71	5	3,789.55	5	3,523.44	5	3,159.67	5	2,795.90	5	2,432.13	5	2,068.35													
1/4	1/4	4,540.78	1/4	4,288.62	1/4	4,036.46	1/4	3,784.30	1/4	3,515.87	1/4	3,152.09	1/4	2,788.32	1/4	2,424.55	1/4	2,060.77													
1/2	1/2	4,535.52	1/2	4,283.36	1/2	4,031.21	1/2	3,779.05	1/2	3,508.29	1/2	3,144.51	1/2	2,780.74	1/2	2,416.97	1/2	2,053.20													
3/4	3/4	4,530.27	3/4	4,278.11	3/4	4,025.95	3/4	3,773.79	3/4	3,500.71	3/4	3,136.94	3/4	2,773.16	3/4	2,409.39	3/4	2,045.62													
6	6	4,525.02	6	4,272.86	6	4,020.70	6	3,768.54	6	3,493.13	6	3,129.36	6	2,765.58	6	2,401.81	6	2,038.04													
1/4	1/4	4,519.76	1/4	4,267.60	1/4	4,015.45	1/4	3,763.29	1/4	3,485.55	1/4	3,121.78	1/4	2,758.01	1/4	2,394.23	1/4	2,030.46													
1/2	1/2	4,514.51	1/2	4,262.35	1/2	4,010.19	1/2	3,758.03	1/2	3,477.97	1/2	3,114.20	1/2	2,750.43	1/2	2,386.65	1/2	2,022.88													
3/4	3/4	4,509.26	3/4	4,257.10	3/4	4,004.94	3/4	3,752.78	3/4	3,470.39	3/4	3,106.62	3/4	2,742.85	3/4	2,379.08	3/4	2,015.30													
7	7	4,504.00	7	4,251.84	7	3,999.69	7	3,747.53	7	3,462.82	7	3,099.04	7	2,735.27	7	2,371.50	7	2,007.72													
1/4	1/4	4,498.75	1/4	4,246.59	1/4	3,994.43	1/4	3,742.27	1/4	3,455.24	1/4	3,091.46	1/4	2,727.69	1/4	2,363.92	1/4	2,000.15													
1/2	1/2	4,493.50	1/2	4,241.34	1/2	3,989.18	1/2	3,737.02	1/2	3,447.66	1/2	3,083.89	1/2	2,720.11	1/2	2,356.34	1/2	1,992.57													
3/4	3/4	4,488.24	3/4	4,236.08	3/4	3,983.93	3/4	3,731.77	3/4	3,440.08	3/4	3,076.31	3/4	2,712.53	3/4	2,348.76	3/4	1,984.99													
8	8	4,482.99	8	4,230.83	8	3,978.67	8	3,726.51	8	3,432.50	8	3,068.73	8	2,704.96	8	2,341.18	8	1,977.41													
1/4	1/4	4,477.74	1/4	4,225.58	1/4	3,973.42	1/4	3,721.26	1/4	3,424.92	1/4	3,061.15	1/4	2,697.38	1/4	2,333.60	1/4	1,969.83													
1/2	1/2	4,472.48	1/2	4,220.33	1/2	3,968.17	1/2	3,716.01	1/2	3,417.34	1/2	3,053.57	1/2	2,689.80	1/2	2,326.03	1/2	1,962.25													
3/4	3/4	4,467.23	3/4	4,215.07	3/4	3,962.91	3/4	3,710.75	3/4	3,409.77	3/4	3,045.99	3/4	2,682.22	3/4	2,318.45	3/4	1,954.67													
9	9	4,461.98	9	4,209.82	9	3,957.66	9	3,705.50	9	3,402.19	9	3,038.41	9	2,674.64	9	2,310.87	9	1,947.10													
1/4	1/4	4,456.72	1/4	4,204.57	1/4	3,952.41	1/4	3,700.25	1/4	3,394.61	1/4	3,030.84	1/4	2,667.06	1/4	2,303.29	1/4	1,939.52													
1/2	1/2	4,451.47	1/2	4,199.31	1/2	3,947.15	1/2	3,695.00	1/2	3,387.03	1/2	3,023.26	1/2	2,659.48	1/2	2,295.71	1/2	1,931.94													
3/4	3/4	4,446.22	3/4	4,194.06	3/4	3,941.90	3/4	3,689.74	3/4	3,379.45	3/4	3,015.68	3/4	2,651.91	3/4	2,288.13	3/4	1,924.36													
10	10	4,440.96	10	4,188.81	10	3,936.65	10	3,684.49	10	3,371.87	10	3,008.10	10	2,644.33	10	2,280.55	10	1,916.78													
1/4	1/4	4,435.71	1/4	4,183.55	1/4	3,931.39	1/4	3,679.24	1/4	3,364.29	1/4	3,000.52	1/4	2,636.75	1/4	2,272.98	1/4	1,909.20													
1/2	1/2	4,430.46	1/2	4,178.30	1/2	3,926.14	1/2	3,673.98	1/2	3,356.72	1/2	2,992.94	1/2	2,629.17	1/2	2,265.40	1/2	1,901.62													
3/4	3/4	4,425.20	3/4	4,173.05	3/4	3,920.89	3/4	3,668.73	3/4	3,349.14	3/4	2,985.36	3/4	2,621.59	3/4	2,257.82	3/4	1,894.05													
11	11	4,419.95	11	4,167.79	11	3,915.63	11	3,663.48	11	3,341.56	11	2,977.79	11	2,614.01	11	2,250.24	11	1,886.47													
1/4	1/4	4,641.78	1/4	4,414.70	1/4	4,162.54	1/4	3,910.38	1/4	3,658.22	1/4	3,333.98	1/4	2,970.21	1/4	2,242.66	1/4	1,878.89													
1/2	1/2	4,639.73	1/2	4,409.44	1/2	4,157.29	1/2	3,905.13	1/2	3,652.97	1/2	3,326.40	1/2	2,962.63	1/2	2,235.08	1/2	1,871.31													
3/4	3/4	4,637.69	3/4	4,404.19	3/4	4,152.03																									



# BARGE "DBL 315"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-01 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	1,856.15	0	1,492.38	0	1,128.72	0	765.62	0	401.86	0	42.87	0		0		0		0	
1/4	1,848.57	1/4	1,484.80	1/4	1,121.16	1/4	758.04	1/4	394.28	1/4	36.62	1/4		1/4		1/4		1/4	
1/2	1,841.00	1/2	1,477.22	1/2	1,113.61	1/2	750.46	1/2	386.70	1/2	31.99	1/2		1/2		1/2		1/2	
3/4	1,833.42	3/4	1,469.64	3/4	1,106.05	3/4	742.88	3/4	379.13	3/4	27.36	3/4		3/4		3/4		3/4	
1	1,825.84	1	1,462.07	1	1,098.49	1	735.31	1	371.55	1	22.72	1		1		1		1	
1/4	1,818.26	1/4	1,454.49	1/4	1,090.93	1/4	727.73	1/4	363.97	1/4	18.10	1/4		1/4		1/4		1/4	
1/2	1,810.68	1/2	1,446.91	1/2	1,083.37	1/2	720.15	1/2	356.39	1/2		1/2		1/2		1/2		1/2	
3/4	1,803.10	3/4	1,439.33	3/4	1,075.81	3/4	712.57	3/4	348.81	3/4		3/4		3/4		3/4		3/4	
2	1,795.52	2	1,431.75	2	1,068.25	2	704.99	2	341.23	2		2		2		2		2	
1/4	1,787.95	1/4	1,424.17	1/4	1,060.69	1/4	697.41	1/4	333.66	1/4		1/4		1/4		1/4		1/4	
1/2	1,780.37	1/2	1,416.59	1/2	1,053.13	1/2	689.84	1/2	326.08	1/2		1/2		1/2		1/2		1/2	
3/4	1,772.79	3/4	1,409.02	3/4	1,045.57	3/4	682.26	3/4	318.50	3/4		3/4		3/4		3/4		3/4	
3	1,765.21	3	1,401.44	3	1,038.01	3	674.68	3	310.92	3		3		3		3		3	
1/4	1,757.63	1/4	1,393.86	1/4	1,030.46	1/4	667.10	1/4	303.34	1/4		1/4		1/4		1/4		1/4	
1/2	1,750.05	1/2	1,386.28	1/2	1,022.90	1/2	659.52	1/2	295.76	1/2		1/2		1/2		1/2		1/2	
3/4	1,742.47	3/4	1,378.70	3/4	1,015.34	3/4	651.94	3/4	288.19	3/4		3/4		3/4		3/4		3/4	
4	1,734.90	4	1,371.12	4	1,007.78	4	644.37	4	280.61	4		4		4		4		4	
1/4	1,727.32	1/4	1,363.54	1/4	1,000.22	1/4	636.79	1/4	273.03	1/4		1/4		1/4		1/4		1/4	
1/2	1,719.74	1/2	1,355.97	1/2	992.66	1/2	629.21	1/2	265.45	1/2		1/2		1/2		1/2		1/2	
3/4	1,712.16	3/4	1,348.39	3/4	985.10	3/4	621.63	3/4	257.87	3/4		3/4		3/4		3/4		3/4	
5	1,704.58	5	1,340.81	5	977.54	5	614.05	5	250.29	5		5		5		5		5	
1/4	1,697.00	1/4	1,333.23	1/4	969.98	1/4	606.47	1/4	242.72	1/4		1/4		1/4		1/4		1/4	
1/2	1,689.42	1/2	1,325.65	1/2	962.42	1/2	598.90	1/2	235.14	1/2		1/2		1/2		1/2		1/2	
3/4	1,681.84	3/4	1,318.07	3/4	954.86	3/4	591.32	3/4	227.56	3/4		3/4		3/4		3/4		3/4	
6	1,674.27	6	1,310.49	6	947.31	6	583.74	6	219.98	6		6		6		6		6	
1/4	1,666.69	1/4	1,302.91	1/4	939.75	1/4	576.16	1/4	212.40	1/4		1/4		1/4		1/4		1/4	
1/2	1,659.11	1/2	1,295.34	1/2	932.19	1/2	568.58	1/2	204.82	1/2		1/2		1/2		1/2		1/2	
3/4	1,651.53	3/4	1,287.76	3/4	924.63	3/4	561.00	3/4	197.25	3/4		3/4		3/4		3/4		3/4	
7	1,643.95	7	1,280.18	7	917.07	7	553.43	7	189.67	7		7		7		7		7	
1/4	1,636.37	1/4	1,272.60	1/4	909.51	1/4	545.85	1/4	182.09	1/4		1/4		1/4		1/4		1/4	
1/2	1,628.79	1/2	1,265.02	1/2	901.95	1/2	538.27	1/2	174.51	1/2		1/2		1/2		1/2		1/2	
3/4	1,621.22	3/4	1,257.44	3/4	894.39	3/4	530.69	3/4	166.93	3/4		3/4		3/4		3/4		3/4	
8	1,613.64	8	1,249.86	8	886.83	8	523.11	8	159.35	8		8		8		8		8	
1/4	1,606.06	1/4	1,242.29	1/4	879.27	1/4	515.53	1/4	151.78	1/4		1/4		1/4		1/4		1/4	
1/2	1,598.48	1/2	1,234.71	1/2	871.70	1/2	507.96	1/2	144.20	1/2		1/2		1/2		1/2		1/2	
3/4	1,590.90	3/4	1,227.13	3/4	864.13	3/4	500.38	3/4	136.63	3/4		3/4		3/4		3/4		3/4	
9	1,583.32	9	1,219.55	9	856.55	9	492.80	9	129.05	9		9		9		9		9	
1/4	1,575.74	1/4	1,211.97	1/4	848.98	1/4	485.22	1/4	121.48	1/4		1/4		1/4		1/4		1/4	
1/2	1,568.17	1/2	1,204.39	1/2	841.40	1/2	477.64	1/2	113.92	1/2		1/2		1/2		1/2		1/2	
3/4	1,560.59	3/4	1,196.81	3/4	833.82	3/4	470.06	3/4	106.35	3/4		3/4		3/4		3/4		3/4	
10	1,553.01	10	1,189.24	10	826.24	10	462.49	10	98.79	10		10		10		10		10	
1/4	1,545.43	1/4	1,181.66	1/4	818.67	1/4	454.91	1/4	91.23	1/4		1/4		1/4		1/4		1/4	
1/2	1,537.85	1/2	1,174.09	1/2	811.09	1/2	447.33	1/2	83.83	1/2		1/2		1/2		1/2		1/2	
3/4	1,530.27	3/4	1,166.53	3/4	803.51	3/4	439.75	3/4	76.44	3/4		3/4		3/4		3/4		3/4	
11	1,522.69	11	1,158.96	11	795.93	11	432.17	11	69.04	11		11		11		11		11	
1/4	1,515.12	1/4	1,151.40	1/4	788.35	1/4	424.59	1/4	61.64	1/4		1/4		1/4		1/4		1/4	
1/2	1,507.54	1/2	1,143.84	1/2	780.77	1/2	417.02	1/2	55.39	1/2		1/2		1/2		1/2		1/2	
3/4	1,499.96	3/4	1,136.28	3/4	773.20	3/4	409.44	3/4	49.13	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/31/2019 JS  
CALCULATED: 12/31/2019 CL  
PRINTED: 01/07/2020 SW

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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