



BARGE "DBL 315"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 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 INNAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED INNAGE IS 3'-11 7/8"

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 INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-01 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	17.98	0	361.62	0	723.03	0	1,082.68	0	1,443.09	0	1,804.51	0	2,165.93	0	2,527.36	0	2,888.78	0	3,250.20
1/4	22.59	1/4	369.15	1/4	730.56	1/4	1,090.15	1/4	1,450.62	1/4	1,812.04	1/4	2,173.46	1/4	2,534.89	1/4	2,896.31	1/4	3,257.73
1/2	27.19	1/2	376.68	1/2	738.09	1/2	1,097.62	1/2	1,458.15	1/2	1,819.57	1/2	2,180.99	1/2	2,542.41	1/2	2,903.84	1/2	3,265.26
3/4	31.79	3/4	384.21	3/4	745.62	3/4	1,105.09	3/4	1,465.68	3/4	1,827.10	3/4	2,188.52	3/4	2,549.94	3/4	2,911.37	3/4	3,272.79
1	36.39	1	391.74	1	753.15	1	1,112.56	1	1,473.21	1	1,834.63	1	2,196.05	1	2,557.47	1	2,918.89	1	3,280.32
1/4	42.60	1/4	399.27	1/4	760.68	1/4	1,120.03	1/4	1,480.74	1/4	1,842.16	1/4	2,203.58	1/4	2,565.00	1/4	2,926.42	1/4	3,287.85
1/2	48.82	1/2	406.80	1/2	768.21	1/2	1,127.50	1/2	1,488.27	1/2	1,849.69	1/2	2,211.11	1/2	2,572.53	1/2	2,933.95	1/2	3,295.37
3/4	55.04	3/4	414.33	3/4	775.73	3/4	1,134.97	3/4	1,495.80	3/4	1,857.22	3/4	2,218.64	3/4	2,580.06	3/4	2,941.48	3/4	3,302.90
2	61.25	2	421.86	2	783.26	2	1,142.43	2	1,503.33	2	1,864.75	2	2,226.17	2	2,587.59	2	2,949.01	2	3,310.43
1/4	68.60	1/4	429.39	1/4	790.79	1/4	1,149.91	1/4	1,510.86	1/4	1,872.28	1/4	2,233.70	1/4	2,595.12	1/4	2,956.54	1/4	3,317.96
1/2	75.95	1/2	436.92	1/2	798.32	1/2	1,157.38	1/2	1,518.39	1/2	1,879.81	1/2	2,241.23	1/2	2,602.65	1/2	2,964.07	1/2	3,325.49
3/4	83.30	3/4	444.45	3/4	805.85	3/4	1,164.86	3/4	1,525.92	3/4	1,887.34	3/4	2,248.76	3/4	2,610.18	3/4	2,971.60	3/4	3,333.02
3	90.65	3	451.97	3	813.38	3	1,172.33	3	1,533.45	3	1,894.87	3	2,256.29	3	2,617.71	3	2,979.13	3	3,340.55
1/4	98.16	1/4	459.50	1/4	820.91	1/4	1,179.82	1/4	1,540.98	1/4	1,902.40	1/4	2,263.82	1/4	2,625.24	1/4	2,986.66	1/4	3,348.08
1/2	105.67	1/2	467.03	1/2	828.44	1/2	1,187.30	1/2	1,548.51	1/2	1,909.93	1/2	2,271.35	1/2	2,632.77	1/2	2,994.19	1/2	3,355.61
3/4	113.19	3/4	474.56	3/4	835.97	3/4	1,194.79	3/4	1,556.04	3/4	1,917.46	3/4	2,278.88	3/4	2,640.30	3/4	3,001.72	3/4	3,363.14
4	120.70	4	482.09	4	843.50	4	1,202.28	4	1,563.57	4	1,924.99	4	2,286.41	4	2,647.83	4	3,009.25	4	3,370.67
1/4	128.23	1/4	489.62	1/4	851.01	1/4	1,209.77	1/4	1,571.10	1/4	1,932.52	1/4	2,293.94	1/4	2,655.36	1/4	3,016.78	1/4	3,378.20
1/2	135.75	1/2	497.15	1/2	858.53	1/2	1,217.27	1/2	1,578.63	1/2	1,940.05	1/2	2,301.47	1/2	2,662.89	1/2	3,024.31	1/2	3,385.73
3/4	143.28	3/4	504.68	3/4	866.04	3/4	1,224.77	3/4	1,586.16	3/4	1,947.58	3/4	2,309.00	3/4	2,670.42	3/4	3,031.84	3/4	3,393.26
5	150.80	5	512.21	5	873.56	5	1,232.26	5	1,593.69	5	1,955.11	5	2,316.53	5	2,677.95	5	3,039.37	5	3,400.79
1/4	158.33	1/4	519.74	1/4	881.02	1/4	1,239.79	1/4	1,601.21	1/4	1,962.64	1/4	2,324.06	1/4	2,685.48	1/4	3,046.90	1/4	3,408.32
1/2	165.86	1/2	527.27	1/2	888.49	1/2	1,247.32	1/2	1,608.74	1/2	1,970.17	1/2	2,331.59	1/2	2,693.01	1/2	3,054.43	1/2	3,415.85
3/4	173.39	3/4	534.80	3/4	895.96	3/4	1,254.85	3/4	1,616.27	3/4	1,977.69	3/4	2,339.12	3/4	2,700.54	3/4	3,061.96	3/4	3,423.38
6	180.92	6	542.33	6	903.43	6	1,262.38	6	1,623.80	6	1,985.22	6	2,346.65	6	2,708.07	6	3,069.49	6	3,430.91
1/4	188.45	1/4	549.86	1/4	910.90	1/4	1,269.91	1/4	1,631.33	1/4	1,992.75	1/4	2,354.17	1/4	2,715.60	1/4	3,077.02	1/4	3,438.44
1/2	195.98	1/2	557.39	1/2	918.37	1/2	1,277.44	1/2	1,638.86	1/2	2,000.28	1/2	2,361.70	1/2	2,723.13	1/2	3,084.55	1/2	3,445.97
3/4	203.51	3/4	564.91	3/4	925.84	3/4	1,284.97	3/4	1,646.39	3/4	2,007.81	3/4	2,369.23	3/4	2,730.65	3/4	3,092.08	3/4	3,453.50
7	211.04	7	572.44	7	933.31	7	1,292.50	7	1,653.92	7	2,015.34	7	2,376.76	7	2,738.18	7	3,099.61	7	3,461.03
1/4	218.57	1/4	579.97	1/4	940.78	1/4	1,300.03	1/4	1,661.45	1/4	2,022.87	1/4	2,384.29	1/4	2,745.71	1/4	3,107.13	1/4	3,468.56
1/2	226.10	1/2	587.50	1/2	948.24	1/2	1,307.56	1/2	1,668.98	1/2	2,030.40	1/2	2,391.82	1/2	2,753.24	1/2	3,114.66	1/2	3,476.09
3/4	233.63	3/4	595.03	3/4	955.71	3/4	1,315.09	3/4	1,676.51	3/4	2,037.93	3/4	2,399.35	3/4	2,760.77	3/4	3,122.19	3/4	3,483.61
8	241.15	8	602.56	8	963.18	8	1,322.62	8	1,684.04	8	2,045.46	8	2,406.88	8	2,768.30	8	3,129.72	8	3,491.14
1/4	248.68	1/4	610.09	1/4	970.65	1/4	1,330.15	1/4	1,691.57	1/4	2,052.99	1/4	2,414.41	1/4	2,775.83	1/4	3,137.25	1/4	3,498.67
1/2	256.21	1/2	617.62	1/2	978.12	1/2	1,337.68	1/2	1,699.10	1/2	2,060.52	1/2	2,421.94	1/2	2,783.36	1/2	3,144.78	1/2	3,506.20
3/4	263.74	3/4	625.15	3/4	985.59	3/4	1,345.21	3/4	1,706.63	3/4	2,068.05	3/4	2,429.47	3/4	2,790.89	3/4	3,152.31	3/4	3,513.73
9	271.27	9	632.68	9	993.06	9	1,352.74	9	1,714.16	9	2,075.58	9	2,437.00	9	2,798.42	9	3,159.84	9	3,521.26
1/4	278.80	1/4	640.21	1/4	1,000.53	1/4	1,360.27	1/4	1,721.69	1/4	2,083.11	1/4	2,444.53	1/4	2,805.95	1/4	3,167.37	1/4	3,528.79
1/2	286.33	1/2	647.74	1/2	1,008.00	1/2	1,367.80	1/2	1,729.22	1/2	2,090.64	1/2	2,452.06	1/2	2,813.48	1/2	3,174.90	1/2	3,536.32
3/4	293.86	3/4	655.27	3/4	1,015.46	3/4	1,375.33	3/4	1,736.75	3/4	2,098.17	3/4	2,459.59	3/4	2,821.01	3/4	3,182.43	3/4	3,543.85
10	301.39	10	662.80	10	1,022.93	10	1,382.86	10	1,744.28	10	2,105.70	10	2,467.12	10	2,828.54	10	3,189.96	10	3,551.38
1/4	308.92	1/4	670.32	1/4	1,030.40	1/4	1,390.39	1/4	1,751.81	1/4	2,113.23	1/4	2,474.65	1/4	2,836.07	1/4	3,197.49	1/4	3,558.91
1/2	316.45	1/2	677.85	1/2	1,037.87	1/2	1,397.92	1/2	1,759.34	1/2	2,120.76	1/2	2,482.18	1/2	2,843.60	1/2	3,205.02	1/2	3,566.44
3/4	323.98	3/4	685.38	3/4	1,045.34	3/4	1,405.45	3/4	1,766.87	3/4	2,128.29	3/4	2,489.71	3/4	2,851.13	3/4	3,212.55	3/4	3,573.97
11	331.51	11	692.91	11	1,052.81	11	1,412.97	11	1,774.40	11	2,135.82	11	2,497.24	11	2,858.66	11	3,220.08	11	3,581.50
1/4	339.04	1/4	700.44	1/4	1,060.28	1/4	1,420.50	1/4	1,781.93	1/4	2,143.35	1/4	2,504.77	1/4	2,866.19	1/4	3,227.61	1/4	3,589.03
1/2	346.56	1/2	707.97	1/2	1,067.75	1/2	1,428.03	1/2	1,789.45	1/2	2,150.88	1/2	2,512.30	1/2	2,873.72	1/2	3,235.14	1/2	3,596.56
3/4	354.09	3/4	715.50	3/4	1,075.22	3/4	1,435.56	3/4	1,796.98	3/4	2,158.41	3/4	2,519.83	3/4	2,881.25	3/4	3,242.67	3/4	3,604.09

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 INNAGE 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.

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BARGE "DBL 315"

1 PORT INNAGE 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	3,611.62	0	3,973.04	0	4,334.46	0	4,695.88	0	5,053.25	0		0		0		0		0	
1/4	3,619.15	1/4	3,980.57	1/4	4,341.99	1/4	4,703.41	1/4	5,058.75	1/4		1/4		1/4		1/4		1/4	
1/2	3,626.68	1/2	3,988.10	1/2	4,349.52	1/2	4,710.94	1/2	5,064.26	1/2		1/2		1/2		1/2		1/2	
3/4	3,634.21	3/4	3,995.63	3/4	4,357.05	3/4	4,718.47	3/4	5,069.76	3/4		3/4		3/4		3/4		3/4	
1	3,641.74	1	4,003.16	1	4,364.58	1	4,726.00	1	5,075.26	1		1		1		1		1	
1/4	3,649.27	1/4	4,010.69	1/4	4,372.11	1/4	4,733.53	1/4	5,079.61	1/4		1/4		1/4		1/4		1/4	
1/2	3,656.80	1/2	4,018.22	1/2	4,379.64	1/2	4,741.06	1/2	5,083.95	1/2		1/2		1/2		1/2		1/2	
3/4	3,664.33	3/4	4,025.75	3/4	4,387.17	3/4	4,748.59	3/4	5,088.29	3/4		3/4		3/4		3/4		3/4	
2	3,671.85	2	4,033.28	2	4,394.70	2	4,756.12	2	5,092.64	2		2		2		2		2	
1/4	3,679.38	1/4	4,040.81	1/4	4,402.23	1/4	4,763.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,686.91	1/2	4,048.33	1/2	4,409.76	1/2	4,771.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,694.44	3/4	4,055.86	3/4	4,417.29	3/4	4,778.71	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,701.97	3	4,063.39	3	4,424.81	3	4,786.24	3		3		3		3		3		3	
1/4	3,709.50	1/4	4,070.92	1/4	4,432.34	1/4	4,793.77	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,717.03	1/2	4,078.45	1/2	4,439.87	1/2	4,801.29	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,724.56	3/4	4,085.98	3/4	4,447.40	3/4	4,808.82	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,732.09	4	4,093.51	4	4,454.93	4	4,816.35	4		4		4		4		4		4	
1/4	3,739.62	1/4	4,101.04	1/4	4,462.46	1/4	4,823.88	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,747.15	1/2	4,108.57	1/2	4,469.99	1/2	4,831.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,754.68	3/4	4,116.10	3/4	4,477.52	3/4	4,838.94	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,762.21	5	4,123.63	5	4,485.05	5	4,846.47	5		5		5		5		5		5	
1/4	3,769.74	1/4	4,131.16	1/4	4,492.58	1/4	4,854.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,777.27	1/2	4,138.69	1/2	4,500.11	1/2	4,861.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,784.80	3/4	4,146.22	3/4	4,507.64	3/4	4,869.06	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,792.33	6	4,153.75	6	4,515.17	6	4,876.59	6		6		6		6		6		6	
1/4	3,799.86	1/4	4,161.28	1/4	4,522.70	1/4	4,884.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,807.39	1/2	4,168.81	1/2	4,530.23	1/2	4,891.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,814.92	3/4	4,176.34	3/4	4,537.76	3/4	4,899.18	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,822.45	7	4,183.87	7	4,545.29	7	4,906.71	7		7		7		7		7		7	
1/4	3,829.98	1/4	4,191.40	1/4	4,552.82	1/4	4,914.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,837.51	1/2	4,198.93	1/2	4,560.35	1/2	4,921.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,845.04	3/4	4,206.46	3/4	4,567.88	3/4	4,929.30	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,852.57	8	4,213.99	8	4,575.41	8	4,936.83	8		8		8		8		8		8	
1/4	3,860.09	1/4	4,221.52	1/4	4,582.94	1/4	4,944.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,867.62	1/2	4,229.05	1/2	4,590.47	1/2	4,951.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,875.15	3/4	4,236.57	3/4	4,598.00	3/4	4,959.42	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,882.68	9	4,244.10	9	4,605.53	9	4,966.95	9		9		9		9		9		9	
1/4	3,890.21	1/4	4,251.63	1/4	4,613.05	1/4	4,974.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,897.74	1/2	4,259.16	1/2	4,620.58	1/2	4,982.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,905.27	3/4	4,266.69	3/4	4,628.11	3/4	4,989.53	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,912.80	10	4,274.22	10	4,635.64	10	4,997.06	10		10		10		10		10		10	
1/4	3,920.33	1/4	4,281.75	1/4	4,643.17	1/4	5,004.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,927.86	1/2	4,289.28	1/2	4,650.70	1/2	5,011.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,935.39	3/4	4,296.81	3/4	4,658.23	3/4	5,019.22	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,942.92	11	4,304.34	11	4,665.76	11	5,026.60	11		11		11		11		11		11	
1/4	3,950.45	1/4	4,311.87	1/4	4,673.29	1/4	5,033.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,957.98	1/2	4,319.40	1/2	4,680.82	1/2	5,039.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,965.51	3/4	4,326.93	3/4	4,688.35	3/4	5,046.59	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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CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2019



BARGE "DBL 315"

1 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-01 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	17.93	0	360.61	0	720.99	0	1,080.83	0	1,441.02	0	1,801.42	0	2,161.82	0	2,522.23	0	2,882.63	0	3,243.03
1/4	22.52	1/4	368.11	1/4	728.50	1/4	1,088.32	1/4	1,448.52	1/4	1,808.93	1/4	2,169.33	1/4	2,529.73	1/4	2,890.14	1/4	3,250.54
1/2	27.11	1/2	375.62	1/2	736.01	1/2	1,095.80	1/2	1,456.03	1/2	1,816.44	1/2	2,176.84	1/2	2,537.24	1/2	2,897.65	1/2	3,258.05
3/4	31.70	3/4	383.13	3/4	743.52	3/4	1,103.29	3/4	1,463.54	3/4	1,823.94	3/4	2,184.35	3/4	2,544.75	3/4	2,905.15	3/4	3,265.56
1	36.29	1	390.64	1	751.03	1	1,110.78	1	1,471.05	1	1,831.45	1	2,191.86	1	2,552.26	1	2,912.66	1	3,273.07
1/4	42.49	1/4	398.15	1/4	758.54	1/4	1,118.27	1/4	1,478.56	1/4	1,838.96	1/4	2,199.36	1/4	2,559.77	1/4	2,920.17	1/4	3,280.57
1/2	48.68	1/2	405.65	1/2	766.04	1/2	1,125.76	1/2	1,486.07	1/2	1,846.47	1/2	2,206.87	1/2	2,567.28	1/2	2,927.68	1/2	3,288.08
3/4	54.88	3/4	413.16	3/4	773.55	3/4	1,133.25	3/4	1,493.57	3/4	1,853.98	3/4	2,214.38	3/4	2,574.78	3/4	2,935.19	3/4	3,295.59
2	61.08	2	420.67	2	781.06	2	1,140.74	2	1,501.08	2	1,861.49	2	2,221.89	2	2,582.29	2	2,942.70	2	3,303.10
1/4	68.41	1/4	428.18	1/4	788.57	1/4	1,148.23	1/4	1,508.59	1/4	1,868.99	1/4	2,229.40	1/4	2,589.80	1/4	2,950.20	1/4	3,310.61
1/2	75.74	1/2	435.69	1/2	796.08	1/2	1,155.73	1/2	1,516.10	1/2	1,876.50	1/2	2,236.91	1/2	2,597.31	1/2	2,957.71	1/2	3,318.12
3/4	83.07	3/4	443.20	3/4	803.58	3/4	1,163.22	3/4	1,523.61	3/4	1,884.01	3/4	2,244.41	3/4	2,604.82	3/4	2,965.22	3/4	3,325.62
3	90.39	3	450.70	3	811.09	3	1,170.71	3	1,531.12	3	1,891.52	3	2,251.92	3	2,612.33	3	2,972.73	3	3,333.13
1/4	97.89	1/4	458.21	1/4	818.60	1/4	1,178.22	1/4	1,538.62	1/4	1,899.03	1/4	2,259.43	1/4	2,619.83	1/4	2,980.24	1/4	3,340.64
1/2	105.38	1/2	465.72	1/2	826.11	1/2	1,185.73	1/2	1,546.13	1/2	1,906.54	1/2	2,266.94	1/2	2,627.34	1/2	2,987.75	1/2	3,348.15
3/4	112.87	3/4	473.23	3/4	833.62	3/4	1,193.24	3/4	1,553.64	3/4	1,914.04	3/4	2,274.45	3/4	2,634.85	3/4	2,995.25	3/4	3,355.66
4	120.36	4	480.74	4	841.12	4	1,200.75	4	1,561.15	4	1,921.55	4	2,281.96	4	2,642.36	4	3,002.76	4	3,363.17
1/4	127.87	1/4	488.24	1/4	848.63	1/4	1,208.26	1/4	1,568.66	1/4	1,929.06	1/4	2,289.46	1/4	2,649.87	1/4	3,010.27	1/4	3,370.67
1/2	135.37	1/2	495.75	1/2	856.13	1/2	1,215.76	1/2	1,576.17	1/2	1,936.57	1/2	2,296.97	1/2	2,657.38	1/2	3,017.78	1/2	3,378.18
3/4	142.88	3/4	503.26	3/4	863.63	3/4	1,223.27	3/4	1,583.68	3/4	1,944.08	3/4	2,304.48	3/4	2,664.88	3/4	3,025.29	3/4	3,385.69
5	150.38	5	510.77	5	871.14	5	1,230.78	5	1,591.18	5	1,951.59	5	2,311.99	5	2,672.39	5	3,032.80	5	3,393.20
1/4	157.89	1/4	518.28	1/4	878.63	1/4	1,238.29	1/4	1,598.69	1/4	1,959.10	1/4	2,319.50	1/4	2,679.90	1/4	3,040.30	1/4	3,400.71
1/2	165.40	1/2	525.78	1/2	886.12	1/2	1,245.80	1/2	1,606.20	1/2	1,966.60	1/2	2,327.01	1/2	2,687.41	1/2	3,047.81	1/2	3,408.22
3/4	172.90	3/4	533.29	3/4	893.60	3/4	1,253.31	3/4	1,613.71	3/4	1,974.11	3/4	2,334.52	3/4	2,694.92	3/4	3,055.32	3/4	3,415.72
6	180.41	6	540.80	6	901.09	6	1,260.81	6	1,621.22	6	1,981.62	6	2,342.02	6	2,702.43	6	3,062.83	6	3,423.23
1/4	187.92	1/4	548.31	1/4	908.58	1/4	1,268.32	1/4	1,628.73	1/4	1,989.13	1/4	2,349.53	1/4	2,709.94	1/4	3,070.34	1/4	3,430.74
1/2	195.43	1/2	555.82	1/2	916.07	1/2	1,275.83	1/2	1,636.23	1/2	1,996.64	1/2	2,357.04	1/2	2,717.44	1/2	3,077.85	1/2	3,438.25
3/4	202.94	3/4	563.32	3/4	923.56	3/4	1,283.34	3/4	1,643.74	3/4	2,004.15	3/4	2,364.55	3/4	2,724.95	3/4	3,085.36	3/4	3,445.76
7	210.44	7	570.83	7	931.05	7	1,290.85	7	1,651.25	7	2,011.65	7	2,372.06	7	2,732.46	7	3,092.86	7	3,453.27
1/4	217.95	1/4	578.34	1/4	938.54	1/4	1,298.36	1/4	1,658.76	1/4	2,019.16	1/4	2,379.57	1/4	2,739.97	1/4	3,100.37	1/4	3,460.78
1/2	225.46	1/2	585.85	1/2	946.03	1/2	1,305.86	1/2	1,666.27	1/2	2,026.67	1/2	2,387.07	1/2	2,747.48	1/2	3,107.88	1/2	3,468.28
3/4	232.97	3/4	593.36	3/4	953.52	3/4	1,313.37	3/4	1,673.78	3/4	2,034.18	3/4	2,394.58	3/4	2,754.99	3/4	3,115.39	3/4	3,475.79
8	240.48	8	600.87	8	961.00	8	1,320.88	8	1,681.28	8	2,041.69	8	2,402.09	8	2,762.49	8	3,122.90	8	3,483.30
1/4	247.98	1/4	608.37	1/4	968.49	1/4	1,328.39	1/4	1,688.79	1/4	2,049.20	1/4	2,409.60	1/4	2,770.00	1/4	3,130.41	1/4	3,490.81
1/2	255.49	1/2	615.88	1/2	975.98	1/2	1,335.90	1/2	1,696.30	1/2	2,056.70	1/2	2,417.11	1/2	2,777.51	1/2	3,137.91	1/2	3,498.32
3/4	263.00	3/4	623.39	3/4	983.47	3/4	1,343.41	3/4	1,703.81	3/4	2,064.21	3/4	2,424.62	3/4	2,785.02	3/4	3,145.42	3/4	3,505.83
9	270.51	9	630.90	9	990.96	9	1,350.91	9	1,711.32	9	2,071.72	9	2,432.12	9	2,792.53	9	3,152.93	9	3,513.33
1/4	278.02	1/4	638.41	1/4	998.45	1/4	1,358.42	1/4	1,718.83	1/4	2,079.23	1/4	2,439.63	1/4	2,800.04	1/4	3,160.44	1/4	3,520.84
1/2	285.53	1/2	645.91	1/2	1,005.94	1/2	1,365.93	1/2	1,726.33	1/2	2,086.74	1/2	2,447.14	1/2	2,807.54	1/2	3,167.95	1/2	3,528.35
3/4	293.04	3/4	653.42	3/4	1,013.43	3/4	1,373.44	3/4	1,733.84	3/4	2,094.25	3/4	2,454.65	3/4	2,815.05	3/4	3,175.46	3/4	3,535.86
10	300.54	10	660.93	10	1,020.92	10	1,380.95	10	1,741.35	10	2,101.75	10	2,462.16	10	2,822.56	10	3,182.96	10	3,543.37
1/4	308.05	1/4	668.44	1/4	1,028.40	1/4	1,388.46	1/4	1,748.86	1/4	2,109.26	1/4	2,469.67	1/4	2,830.07	1/4	3,190.47	1/4	3,550.88
1/2	315.56	1/2	675.95	1/2	1,035.89	1/2	1,395.97	1/2	1,756.37	1/2	2,116.77	1/2	2,477.17	1/2	2,837.58	1/2	3,197.98	1/2	3,558.38
3/4	323.07	3/4	683.45	3/4	1,043.38	3/4	1,403.47	3/4	1,763.88	3/4	2,124.28	3/4	2,484.68	3/4	2,845.09	3/4	3,205.49	3/4	3,565.89
11	330.57	11	690.96	11	1,050.87	11	1,410.98	11	1,771.39	11	2,131.79	11	2,492.19	11	2,852.59	11	3,213.00	11	3,573.40
1/4	338.08	1/4	698.47	1/4	1,058.36	1/4	1,418.49	1/4	1,778.89	1/4	2,139.30	1/4	2,499.70	1/4	2,860.10	1/4	3,220.51	1/4	3,580.91
1/2	345.59	1/2	705.98	1/2	1,065.85	1/2	1,426.00	1/2	1,786.40	1/2	2,146.81	1/2	2,507.21	1/2	2,867.61	1/2	3,228.01	1/2	3,588.42
3/4	353.10	3/4	713.49	3/4	1,073.34	3/4	1,433.51	3/4	1,793.91	3/4	2,154.31	3/4	2,514.72	3/4	2,875.12	3/4	3,235.52	3/4	3,595.93

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 INNAGE 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

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BARGE "DBL 315"

1 STBD INNAGE 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	3,603.43	0	3,963.84	0	4,324.24	0	4,684.64	0	5,041.01	0		0		0		0		0	
1/4	3,610.94	1/4	3,971.35	1/4	4,331.75	1/4	4,692.15	1/4	5,046.50	1/4		1/4		1/4		1/4		1/4	
1/2	3,618.45	1/2	3,978.85	1/2	4,339.26	1/2	4,699.66	1/2	5,051.98	1/2		1/2		1/2		1/2		1/2	
3/4	3,625.96	3/4	3,986.36	3/4	4,346.77	3/4	4,707.17	3/4	5,057.47	3/4		3/4		3/4		3/4		3/4	
1	3,633.47	1	3,993.87	1	4,354.27	1	4,714.68	1	5,062.96	1		1		1		1		1	
1/4	3,640.98	1/4	4,001.38	1/4	4,361.78	1/4	4,722.19	1/4	5,067.29	1/4		1/4		1/4		1/4		1/4	
1/2	3,648.49	1/2	4,008.89	1/2	4,369.29	1/2	4,729.69	1/2	5,071.62	1/2		1/2		1/2		1/2		1/2	
3/4	3,655.99	3/4	4,016.40	3/4	4,376.80	3/4	4,737.20	3/4	5,075.95	3/4		3/4		3/4		3/4		3/4	
2	3,663.50	2	4,023.91	2	4,384.31	2	4,744.71	2	5,080.29	2		2		2		2		2	
1/4	3,671.01	1/4	4,031.41	1/4	4,391.82	1/4	4,752.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,678.52	1/2	4,038.92	1/2	4,399.33	1/2	4,759.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,686.03	3/4	4,046.43	3/4	4,406.83	3/4	4,767.24	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,693.54	3	4,053.94	3	4,414.34	3	4,774.75	3		3		3		3		3		3	
1/4	3,701.04	1/4	4,061.45	1/4	4,421.85	1/4	4,782.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,708.55	1/2	4,068.96	1/2	4,429.36	1/2	4,789.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,716.06	3/4	4,076.46	3/4	4,436.87	3/4	4,797.27	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,723.57	4	4,083.97	4	4,444.38	4	4,804.78	4		4		4		4		4		4	
1/4	3,731.08	1/4	4,091.48	1/4	4,451.88	1/4	4,812.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,738.59	1/2	4,098.99	1/2	4,459.39	1/2	4,819.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,746.09	3/4	4,106.50	3/4	4,466.90	3/4	4,827.30	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,753.60	5	4,114.01	5	4,474.41	5	4,834.81	5		5		5		5		5		5	
1/4	3,761.11	1/4	4,121.51	1/4	4,481.92	1/4	4,842.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,768.62	1/2	4,129.02	1/2	4,489.43	1/2	4,849.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,776.13	3/4	4,136.53	3/4	4,496.93	3/4	4,857.34	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,783.64	6	4,144.04	6	4,504.44	6	4,864.85	6		6		6		6		6		6	
1/4	3,791.14	1/4	4,151.55	1/4	4,511.95	1/4	4,872.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,798.65	1/2	4,159.06	1/2	4,519.46	1/2	4,879.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,806.16	3/4	4,166.56	3/4	4,526.97	3/4	4,887.37	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,813.67	7	4,174.07	7	4,534.48	7	4,894.88	7		7		7		7		7		7	
1/4	3,821.18	1/4	4,181.58	1/4	4,541.98	1/4	4,902.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,828.69	1/2	4,189.09	1/2	4,549.49	1/2	4,909.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,836.20	3/4	4,196.60	3/4	4,557.00	3/4	4,917.40	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,843.70	8	4,204.11	8	4,564.51	8	4,924.91	8		8		8		8		8		8	
1/4	3,851.21	1/4	4,211.62	1/4	4,572.02	1/4	4,932.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,858.72	1/2	4,219.12	1/2	4,579.53	1/2	4,939.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,866.23	3/4	4,226.63	3/4	4,587.04	3/4	4,947.44	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,873.74	9	4,234.14	9	4,594.54	9	4,954.95	9		9		9		9		9		9	
1/4	3,881.25	1/4	4,241.65	1/4	4,602.05	1/4	4,962.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,888.75	1/2	4,249.16	1/2	4,609.56	1/2	4,969.96	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,896.26	3/4	4,256.67	3/4	4,617.07	3/4	4,977.47	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,903.77	10	4,264.17	10	4,624.58	10	4,984.98	10		10		10		10		10		10	
1/4	3,911.28	1/4	4,271.68	1/4	4,632.09	1/4	4,992.34	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,918.79	1/2	4,279.19	1/2	4,639.59	1/2	4,999.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,926.30	3/4	4,286.70	3/4	4,647.10	3/4	5,007.07	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,933.80	11	4,294.21	11	4,654.61	11	5,014.44	11		11		11		11		11		11	
1/4	3,941.31	1/4	4,301.72	1/4	4,662.12	1/4	5,021.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,948.82	1/2	4,309.22	1/2	4,669.63	1/2	5,027.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,956.33	3/4	4,316.73	3/4	4,677.14	3/4	5,034.37	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
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CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2019



BARGE "DBL 315"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-01 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	18.05	0	363.05	0	725.88	0	1,077.77	0	1,435.89	0	1,798.74	0	2,161.59	0	2,524.44	0	2,887.29	0	3,250.14
1/4	22.67	1/4	370.61	1/4	733.44	1/4	1,085.00	1/4	1,443.45	1/4	1,806.30	1/4	2,169.15	1/4	2,532.00	1/4	2,894.85	1/4	3,257.70
1/2	27.29	1/2	378.17	1/2	741.00	1/2	1,092.23	1/2	1,451.01	1/2	1,813.86	1/2	2,176.71	1/2	2,539.56	1/2	2,902.41	1/2	3,265.26
3/4	31.91	3/4	385.73	3/4	748.56	3/4	1,099.46	3/4	1,458.56	3/4	1,821.42	3/4	2,184.27	3/4	2,547.12	3/4	2,909.97	3/4	3,272.82
1	36.53	1	393.29	1	756.12	1	1,106.69	1	1,466.12	1	1,828.98	1	2,191.83	1	2,554.68	1	2,917.53	1	3,280.38
1/4	42.77	1/4	400.84	1/4	763.67	1/4	1,113.93	1/4	1,473.68	1/4	1,836.53	1/4	2,199.39	1/4	2,562.24	1/4	2,925.09	1/4	3,287.94
1/2	49.01	1/2	408.40	1/2	771.23	1/2	1,121.17	1/2	1,481.24	1/2	1,844.09	1/2	2,206.95	1/2	2,569.80	1/2	2,932.65	1/2	3,295.50
3/4	55.25	3/4	415.96	3/4	778.78	3/4	1,128.40	3/4	1,488.80	3/4	1,851.65	3/4	2,214.50	3/4	2,577.36	3/4	2,940.21	3/4	3,303.06
2	61.49	2	423.52	2	786.34	2	1,135.64	2	1,496.36	2	1,859.21	2	2,222.06	2	2,584.92	2	2,947.77	2	3,310.62
1/4	68.87	1/4	431.08	1/4	793.88	1/4	1,142.89	1/4	1,503.92	1/4	1,866.77	1/4	2,229.62	1/4	2,592.47	1/4	2,955.33	1/4	3,318.18
1/2	76.25	1/2	438.64	1/2	801.42	1/2	1,150.14	1/2	1,511.48	1/2	1,874.33	1/2	2,237.18	1/2	2,600.03	1/2	2,962.89	1/2	3,325.74
3/4	83.63	3/4	446.20	3/4	808.96	3/4	1,157.39	3/4	1,519.04	3/4	1,881.89	3/4	2,244.74	3/4	2,607.59	3/4	2,970.44	3/4	3,333.30
3	91.00	3	453.76	3	816.50	3	1,164.64	3	1,526.60	3	1,889.45	3	2,252.30	3	2,615.15	3	2,978.00	3	3,340.86
1/4	98.55	1/4	461.32	1/4	823.97	1/4	1,171.98	1/4	1,534.16	1/4	1,897.01	1/4	2,259.86	1/4	2,622.71	1/4	2,985.56	1/4	3,348.41
1/2	106.09	1/2	468.88	1/2	831.43	1/2	1,179.32	1/2	1,541.72	1/2	1,904.57	1/2	2,267.42	1/2	2,630.27	1/2	2,993.12	1/2	3,355.97
3/4	113.63	3/4	476.43	3/4	838.90	3/4	1,186.65	3/4	1,549.28	3/4	1,912.13	3/4	2,274.98	3/4	2,637.83	3/4	3,000.68	3/4	3,363.53
4	121.18	4	483.99	4	846.36	4	1,193.99	4	1,556.84	4	1,919.69	4	2,282.54	4	2,645.39	4	3,008.24	4	3,371.09
1/4	128.73	1/4	491.55	1/4	853.60	1/4	1,201.55	1/4	1,564.40	1/4	1,927.25	1/4	2,290.10	1/4	2,652.95	1/4	3,015.80	1/4	3,378.65
1/2	136.29	1/2	499.11	1/2	860.84	1/2	1,209.10	1/2	1,571.96	1/2	1,934.81	1/2	2,297.66	1/2	2,660.51	1/2	3,023.36	1/2	3,386.21
3/4	143.84	3/4	506.67	3/4	868.08	3/4	1,216.66	3/4	1,579.52	3/4	1,942.37	3/4	2,305.22	3/4	2,668.07	3/4	3,030.92	3/4	3,393.77
5	151.40	5	514.23	5	875.32	5	1,224.22	5	1,587.07	5	1,949.93	5	2,312.78	5	2,675.63	5	3,038.48	5	3,401.33
1/4	158.96	1/4	521.79	1/4	882.55	1/4	1,231.78	1/4	1,594.63	1/4	1,957.49	1/4	2,320.34	1/4	2,683.19	1/4	3,046.04	1/4	3,408.89
1/2	166.52	1/2	529.35	1/2	889.78	1/2	1,239.34	1/2	1,602.19	1/2	1,965.04	1/2	2,327.90	1/2	2,690.75	1/2	3,053.60	1/2	3,416.45
3/4	174.07	3/4	536.91	3/4	897.01	3/4	1,246.90	3/4	1,609.75	3/4	1,972.60	3/4	2,335.46	3/4	2,698.31	3/4	3,061.16	3/4	3,424.01
6	181.63	6	544.47	6	904.24	6	1,254.46	6	1,617.31	6	1,980.16	6	2,343.01	6	2,705.87	6	3,068.72	6	3,431.57
1/4	189.19	1/4	552.02	1/4	911.47	1/4	1,262.02	1/4	1,624.87	1/4	1,987.72	1/4	2,350.57	1/4	2,713.43	1/4	3,076.28	1/4	3,439.13
1/2	196.75	1/2	559.58	1/2	918.70	1/2	1,269.58	1/2	1,632.43	1/2	1,995.28	1/2	2,358.13	1/2	2,720.98	1/2	3,083.84	1/2	3,446.69
3/4	204.31	3/4	567.14	3/4	925.93	3/4	1,277.14	3/4	1,639.99	3/4	2,002.84	3/4	2,365.69	3/4	2,728.54	3/4	3,091.40	3/4	3,454.25
7	211.87	7	574.70	7	933.16	7	1,284.70	7	1,647.55	7	2,010.40	7	2,373.25	7	2,736.10	7	3,098.95	7	3,461.81
1/4	219.43	1/4	582.26	1/4	940.39	1/4	1,292.26	1/4	1,655.11	1/4	2,017.96	1/4	2,380.81	1/4	2,743.66	1/4	3,106.51	1/4	3,469.37
1/2	226.99	1/2	589.82	1/2	947.62	1/2	1,299.82	1/2	1,662.67	1/2	2,025.52	1/2	2,388.37	1/2	2,751.22	1/2	3,114.07	1/2	3,476.92
3/4	234.55	3/4	597.38	3/4	954.85	3/4	1,307.38	3/4	1,670.23	3/4	2,033.08	3/4	2,395.93	3/4	2,758.78	3/4	3,121.63	3/4	3,484.48
8	242.11	8	604.94	8	962.08	8	1,314.94	8	1,677.79	8	2,040.64	8	2,403.49	8	2,766.34	8	3,129.19	8	3,492.04
1/4	249.66	1/4	612.50	1/4	969.31	1/4	1,322.50	1/4	1,685.35	1/4	2,048.20	1/4	2,411.05	1/4	2,773.90	1/4	3,136.75	1/4	3,499.60
1/2	257.22	1/2	620.06	1/2	976.55	1/2	1,330.05	1/2	1,692.91	1/2	2,055.76	1/2	2,418.61	1/2	2,781.46	1/2	3,144.31	1/2	3,507.16
3/4	264.78	3/4	627.61	3/4	983.78	3/4	1,337.61	3/4	1,700.47	3/4	2,063.32	3/4	2,426.17	3/4	2,789.02	3/4	3,151.87	3/4	3,514.72
9	272.34	9	635.17	9	991.01	9	1,345.17	9	1,708.02	9	2,070.88	9	2,433.73	9	2,796.58	9	3,159.43	9	3,522.28
1/4	279.90	1/4	642.73	1/4	998.24	1/4	1,352.73	1/4	1,715.58	1/4	2,078.44	1/4	2,441.29	1/4	2,804.14	1/4	3,166.99	1/4	3,529.84
1/2	287.46	1/2	650.29	1/2	1,005.47	1/2	1,360.29	1/2	1,723.14	1/2	2,085.99	1/2	2,448.85	1/2	2,811.70	1/2	3,174.55	1/2	3,537.40
3/4	295.02	3/4	657.85	3/4	1,012.70	3/4	1,367.85	3/4	1,730.70	3/4	2,093.55	3/4	2,456.41	3/4	2,819.26	3/4	3,182.11	3/4	3,544.96
10	302.58	10	665.41	10	1,019.93	10	1,375.41	10	1,738.26	10	2,101.11	10	2,463.96	10	2,826.82	10	3,189.67	10	3,552.52
1/4	310.14	1/4	672.97	1/4	1,027.16	1/4	1,382.97	1/4	1,745.82	1/4	2,108.67	1/4	2,471.52	1/4	2,834.38	1/4	3,197.23	1/4	3,560.08
1/2	317.70	1/2	680.53	1/2	1,034.39	1/2	1,390.53	1/2	1,753.38	1/2	2,116.23	1/2	2,479.08	1/2	2,841.93	1/2	3,204.79	1/2	3,567.64
3/4	325.25	3/4	688.09	3/4	1,041.62	3/4	1,398.09	3/4	1,760.94	3/4	2,123.79	3/4	2,486.64	3/4	2,849.49	3/4	3,212.35	3/4	3,575.20
11	332.81	11	695.65	11	1,048.85	11	1,405.65	11	1,768.50	11	2,131.35	11	2,494.20	11	2,857.05	11	3,219.90	11	3,582.76
1/4	340.37	1/4	703.20	1/4	1,056.08	1/4	1,413.21	1/4	1,776.06	1/4	2,138.91	1/4	2,501.76	1/4	2,864.61	1/4	3,227.46	1/4	3,590.32
1/2	347.93	1/2	710.76	1/2	1,063.31	1/2	1,420.77	1/2	1,783.62	1/2	2,146.47	1/2	2,509.32	1/2	2,872.17	1/2	3,235.02	1/2	3,597.87
3/4	355.49	3/4	718.32	3/4	1,070.54	3/4	1,428.33	3/4	1,791.18	3/4	2,154.03	3/4	2,516.88	3/4	2,879.73	3/4	3,242.58	3/4	3,605.43

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 INNAGE 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 PORT INNAGE 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	3,612.99	0	3,975.84	0	4,338.70	0	4,701.55	0	5,060.30	0		0		0		0		0	
1/4	3,620.55	1/4	3,983.40	1/4	4,346.26	1/4	4,709.11	1/4	5,065.82	1/4		1/4		1/4		1/4		1/4	
1/2	3,628.11	1/2	3,990.96	1/2	4,353.81	1/2	4,716.67	1/2	5,071.34	1/2		1/2		1/2		1/2		1/2	
3/4	3,635.67	3/4	3,998.52	3/4	4,361.37	3/4	4,724.23	3/4	5,076.87	3/4		3/4		3/4		3/4		3/4	
1	3,643.23	1	4,006.08	1	4,368.93	1	4,731.78	1	5,082.39	1		1		1		1		1	
1/4	3,650.79	1/4	4,013.64	1/4	4,376.49	1/4	4,739.34	1/4	5,086.75	1/4		1/4		1/4		1/4		1/4	
1/2	3,658.35	1/2	4,021.20	1/2	4,384.05	1/2	4,746.90	1/2	5,091.11	1/2		1/2		1/2		1/2		1/2	
3/4	3,665.91	3/4	4,028.76	3/4	4,391.61	3/4	4,754.46	3/4	5,095.48	3/4		3/4		3/4		3/4		3/4	
2	3,673.47	2	4,036.32	2	4,399.17	2	4,762.02	2	5,099.84	2		2		2		2		2	
1/4	3,681.03	1/4	4,043.88	1/4	4,406.73	1/4	4,769.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,688.59	1/2	4,051.44	1/2	4,414.29	1/2	4,777.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,696.15	3/4	4,059.00	3/4	4,421.85	3/4	4,784.70	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,703.71	3	4,066.56	3	4,429.41	3	4,792.26	3		3		3		3		3		3	
1/4	3,711.27	1/4	4,074.12	1/4	4,436.97	1/4	4,799.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,718.83	1/2	4,081.68	1/2	4,444.53	1/2	4,807.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,726.38	3/4	4,089.24	3/4	4,452.09	3/4	4,814.94	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,733.94	4	4,096.80	4	4,459.65	4	4,822.50	4		4		4		4		4		4	
1/4	3,741.50	1/4	4,104.35	1/4	4,467.21	1/4	4,830.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,749.06	1/2	4,111.91	1/2	4,474.77	1/2	4,837.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,756.62	3/4	4,119.47	3/4	4,482.32	3/4	4,845.18	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,764.18	5	4,127.03	5	4,489.88	5	4,852.74	5		5		5		5		5		5	
1/4	3,771.74	1/4	4,134.59	1/4	4,497.44	1/4	4,860.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,779.30	1/2	4,142.15	1/2	4,505.00	1/2	4,867.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,786.86	3/4	4,149.71	3/4	4,512.56	3/4	4,875.41	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,794.42	6	4,157.27	6	4,520.12	6	4,882.97	6		6		6		6		6		6	
1/4	3,801.98	1/4	4,164.83	1/4	4,527.68	1/4	4,890.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,809.54	1/2	4,172.39	1/2	4,535.24	1/2	4,898.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,817.10	3/4	4,179.95	3/4	4,542.80	3/4	4,905.65	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,824.66	7	4,187.51	7	4,550.36	7	4,913.21	7		7		7		7		7		7	
1/4	3,832.22	1/4	4,195.07	1/4	4,557.92	1/4	4,920.77	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,839.78	1/2	4,202.63	1/2	4,565.48	1/2	4,928.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,847.34	3/4	4,210.19	3/4	4,573.04	3/4	4,935.89	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,854.89	8	4,217.75	8	4,580.60	8	4,943.45	8		8		8		8		8		8	
1/4	3,862.45	1/4	4,225.31	1/4	4,588.16	1/4	4,951.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,870.01	1/2	4,232.86	1/2	4,595.72	1/2	4,958.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,877.57	3/4	4,240.42	3/4	4,603.28	3/4	4,966.13	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,885.13	9	4,247.98	9	4,610.83	9	4,973.69	9		9		9		9		9		9	
1/4	3,892.69	1/4	4,255.54	1/4	4,618.39	1/4	4,981.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,900.25	1/2	4,263.10	1/2	4,625.95	1/2	4,988.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,907.81	3/4	4,270.66	3/4	4,633.51	3/4	4,996.36	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,915.37	10	4,278.22	10	4,641.07	10	5,003.92	10		10		10		10		10		10	
1/4	3,922.93	1/4	4,285.78	1/4	4,648.63	1/4	5,011.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,930.49	1/2	4,293.34	1/2	4,656.19	1/2	5,018.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,938.05	3/4	4,300.90	3/4	4,663.75	3/4	5,026.14	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,945.61	11	4,308.46	11	4,671.31	11	5,033.55	11		11		11		11		11		11	
1/4	3,953.17	1/4	4,316.02	1/4	4,678.87	1/4	5,040.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,960.73	1/2	4,323.58	1/2	4,686.43	1/2	5,046.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,968.29	3/4	4,331.14	3/4	4,693.99	3/4	5,053.61	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
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CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2019



BARGE "DBL 315"

2 STBD

INNAGE 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	18.00	0	361.92	0	723.63	0	1,084.78	0	1,446.29	0	1,808.01	0	2,169.74	0	2,531.46	0	2,893.18	0	3,254.91
1/4	22.60	1/4	369.46	1/4	731.17	1/4	1,092.30	1/4	1,453.83	1/4	1,815.55	1/4	2,177.27	1/4	2,539.00	1/4	2,900.72	1/4	3,262.44
1/2	27.21	1/2	377.00	1/2	738.70	1/2	1,099.82	1/2	1,461.36	1/2	1,823.09	1/2	2,184.81	1/2	2,546.53	1/2	2,908.26	1/2	3,269.98
3/4	31.81	3/4	384.53	3/4	746.24	3/4	1,107.33	3/4	1,468.90	3/4	1,830.62	3/4	2,192.34	3/4	2,554.07	3/4	2,915.79	3/4	3,277.51
1	36.42	1	392.07	1	753.78	1	1,114.85	1	1,476.43	1	1,838.16	1	2,199.88	1	2,561.60	1	2,923.33	1	3,285.05
1/4	42.64	1/4	399.60	1/4	761.31	1/4	1,122.36	1/4	1,483.97	1/4	1,845.69	1/4	2,207.42	1/4	2,569.14	1/4	2,930.86	1/4	3,292.59
1/2	48.86	1/2	407.14	1/2	768.85	1/2	1,129.88	1/2	1,491.51	1/2	1,853.23	1/2	2,214.95	1/2	2,576.68	1/2	2,938.40	1/2	3,300.12
3/4	55.08	3/4	414.67	3/4	776.38	3/4	1,137.40	3/4	1,499.04	3/4	1,860.77	3/4	2,222.49	3/4	2,584.21	3/4	2,945.93	3/4	3,307.66
2	61.30	2	422.21	2	783.92	2	1,144.91	2	1,506.58	2	1,868.30	2	2,230.02	2	2,591.75	2	2,953.47	2	3,315.19
1/4	68.66	1/4	429.74	1/4	791.45	1/4	1,152.43	1/4	1,514.11	1/4	1,875.84	1/4	2,237.56	1/4	2,599.28	1/4	2,961.01	1/4	3,322.73
1/2	76.01	1/2	437.28	1/2	798.99	1/2	1,159.96	1/2	1,521.65	1/2	1,883.37	1/2	2,245.10	1/2	2,606.82	1/2	2,968.54	1/2	3,330.27
3/4	83.37	3/4	444.82	3/4	806.52	3/4	1,167.48	3/4	1,529.19	3/4	1,890.91	3/4	2,252.63	3/4	2,614.36	3/4	2,976.08	3/4	3,337.80
3	90.72	3	452.35	3	814.06	3	1,175.00	3	1,536.72	3	1,898.44	3	2,260.17	3	2,621.89	3	2,983.61	3	3,345.34
1/4	98.24	1/4	459.89	1/4	821.60	1/4	1,182.53	1/4	1,544.26	1/4	1,905.98	1/4	2,267.70	1/4	2,629.43	1/4	2,991.15	1/4	3,352.87
1/2	105.76	1/2	467.42	1/2	829.13	1/2	1,190.07	1/2	1,551.79	1/2	1,913.52	1/2	2,275.24	1/2	2,636.96	1/2	2,998.69	1/2	3,360.41
3/4	113.28	3/4	474.96	3/4	836.67	3/4	1,197.61	3/4	1,559.33	3/4	1,921.05	3/4	2,282.78	3/4	2,644.50	3/4	3,006.22	3/4	3,367.95
4	120.80	4	482.49	4	844.20	4	1,205.14	4	1,566.87	4	1,928.59	4	2,290.31	4	2,652.03	4	3,013.76	4	3,375.48
1/4	128.33	1/4	490.03	1/4	851.73	1/4	1,212.68	1/4	1,574.40	1/4	1,936.12	1/4	2,297.85	1/4	2,659.57	1/4	3,021.29	1/4	3,383.02
1/2	135.86	1/2	497.57	1/2	859.26	1/2	1,220.21	1/2	1,581.94	1/2	1,943.66	1/2	2,305.38	1/2	2,667.11	1/2	3,028.83	1/2	3,390.55
3/4	143.40	3/4	505.10	3/4	866.79	3/4	1,227.75	3/4	1,589.47	3/4	1,951.20	3/4	2,312.92	3/4	2,674.64	3/4	3,036.37	3/4	3,398.09
5	150.93	5	512.64	5	874.32	5	1,235.29	5	1,597.01	5	1,958.73	5	2,320.46	5	2,682.18	5	3,043.90	5	3,405.62
1/4	158.46	1/4	520.17	1/4	881.84	1/4	1,242.82	1/4	1,604.54	1/4	1,966.27	1/4	2,327.99	1/4	2,689.71	1/4	3,051.44	1/4	3,413.16
1/2	166.00	1/2	527.71	1/2	889.36	1/2	1,250.36	1/2	1,612.08	1/2	1,973.80	1/2	2,335.53	1/2	2,697.25	1/2	3,058.97	1/2	3,420.70
3/4	173.53	3/4	535.24	3/4	896.87	3/4	1,257.89	3/4	1,619.62	3/4	1,981.34	3/4	2,343.06	3/4	2,704.79	3/4	3,066.51	3/4	3,428.23
6	181.07	6	542.78	6	904.39	6	1,265.43	6	1,627.15	6	1,988.88	6	2,350.60	6	2,712.32	6	3,074.04	6	3,435.77
1/4	188.61	1/4	550.31	1/4	911.91	1/4	1,272.96	1/4	1,634.69	1/4	1,996.41	1/4	2,358.13	1/4	2,719.86	1/4	3,081.58	1/4	3,443.30
1/2	196.14	1/2	557.85	1/2	919.42	1/2	1,280.50	1/2	1,642.22	1/2	2,003.95	1/2	2,365.67	1/2	2,727.39	1/2	3,089.12	1/2	3,450.84
3/4	203.68	3/4	565.39	3/4	926.94	3/4	1,288.04	3/4	1,649.76	3/4	2,011.48	3/4	2,373.21	3/4	2,734.93	3/4	3,096.65	3/4	3,458.38
7	211.21	7	572.92	7	934.45	7	1,295.57	7	1,657.30	7	2,019.02	7	2,380.74	7	2,742.47	7	3,104.19	7	3,465.91
1/4	218.75	1/4	580.46	1/4	941.97	1/4	1,303.11	1/4	1,664.83	1/4	2,026.55	1/4	2,388.28	1/4	2,750.00	1/4	3,111.72	1/4	3,473.45
1/2	226.28	1/2	587.99	1/2	949.49	1/2	1,310.64	1/2	1,672.37	1/2	2,034.09	1/2	2,395.81	1/2	2,757.54	1/2	3,119.26	1/2	3,480.98
3/4	233.82	3/4	595.53	3/4	957.00	3/4	1,318.18	3/4	1,679.90	3/4	2,041.63	3/4	2,403.35	3/4	2,765.07	3/4	3,126.80	3/4	3,488.52
8	241.35	8	603.06	8	964.52	8	1,325.72	8	1,687.44	8	2,049.16	8	2,410.89	8	2,772.61	8	3,134.33	8	3,496.06
1/4	248.89	1/4	610.60	1/4	972.04	1/4	1,333.25	1/4	1,694.98	1/4	2,056.70	1/4	2,418.42	1/4	2,780.14	1/4	3,141.87	1/4	3,503.59
1/2	256.43	1/2	618.13	1/2	979.55	1/2	1,340.79	1/2	1,702.51	1/2	2,064.23	1/2	2,425.96	1/2	2,787.68	1/2	3,149.40	1/2	3,511.13
3/4	263.96	3/4	625.67	3/4	987.07	3/4	1,348.32	3/4	1,710.05	3/4	2,071.77	3/4	2,433.49	3/4	2,795.22	3/4	3,156.94	3/4	3,518.66
9	271.50	9	633.21	9	994.59	9	1,355.86	9	1,717.58	9	2,079.31	9	2,441.03	9	2,802.75	9	3,164.48	9	3,526.20
1/4	279.03	1/4	640.74	1/4	1,002.10	1/4	1,363.40	1/4	1,725.12	1/4	2,086.84	1/4	2,448.57	1/4	2,810.29	1/4	3,172.01	1/4	3,533.73
1/2	286.57	1/2	648.28	1/2	1,009.62	1/2	1,370.93	1/2	1,732.65	1/2	2,094.38	1/2	2,456.10	1/2	2,817.82	1/2	3,179.55	1/2	3,541.27
3/4	294.10	3/4	655.81	3/4	1,017.14	3/4	1,378.47	3/4	1,740.19	3/4	2,101.91	3/4	2,463.64	3/4	2,825.36	3/4	3,187.08	3/4	3,548.81
10	301.64	10	663.35	10	1,024.65	10	1,386.00	10	1,747.73	10	2,109.45	10	2,471.17	10	2,832.90	10	3,194.62	10	3,556.34
1/4	309.18	1/4	670.88	1/4	1,032.17	1/4	1,393.54	1/4	1,755.26	1/4	2,116.99	1/4	2,478.71	1/4	2,840.43	1/4	3,202.16	1/4	3,563.88
1/2	316.71	1/2	678.42	1/2	1,039.68	1/2	1,401.08	1/2	1,762.80	1/2	2,124.52	1/2	2,486.24	1/2	2,847.97	1/2	3,209.69	1/2	3,571.41
3/4	324.25	3/4	685.96	3/4	1,047.20	3/4	1,408.61	3/4	1,770.33	3/4	2,132.06	3/4	2,493.78	3/4	2,855.50	3/4	3,217.23	3/4	3,578.95
11	331.78	11	693.49	11	1,054.72	11	1,416.15	11	1,777.87	11	2,139.59	11	2,501.32	11	2,863.04	11	3,224.76	11	3,586.49
1/4	339.32	1/4	701.03	1/4	1,062.23	1/4	1,423.68	1/4	1,785.41	1/4	2,147.13	1/4	2,508.85	1/4	2,870.58	1/4	3,232.30	1/4	3,594.02
1/2	346.85	1/2	708.56	1/2	1,069.75	1/2	1,431.22	1/2	1,792.94	1/2	2,154.67	1/2	2,516.39	1/2	2,878.11	1/2	3,239.83	1/2	3,601.56
3/4	354.39	3/4	716.10	3/4	1,077.27	3/4	1,438.75	3/4	1,800.48	3/4	2,162.20	3/4	2,523.92	3/4	2,885.65	3/4	3,247.37	3/4	3,609.09

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 INNAGE 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 STBD INNAGE 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	3,616.63	0	3,978.35	0	4,340.08	0	4,701.80	0	5,059.45	0		0		0		0		0	
1/4	3,624.17	1/4	3,985.89	1/4	4,347.61	1/4	4,709.34	1/4	5,064.96	1/4		1/4		1/4		1/4		1/4	
1/2	3,631.70	1/2	3,993.42	1/2	4,355.15	1/2	4,716.87	1/2	5,070.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,639.24	3/4	4,000.96	3/4	4,362.68	3/4	4,724.41	3/4	5,075.97	3/4		3/4		3/4		3/4		3/4	
1	3,646.77	1	4,008.50	1	4,370.22	1	4,731.94	1	5,081.48	1		1		1		1		1	
1/4	3,654.31	1/4	4,016.03	1/4	4,377.76	1/4	4,739.48	1/4	5,085.83	1/4		1/4		1/4		1/4		1/4	
1/2	3,661.85	1/2	4,023.57	1/2	4,385.29	1/2	4,747.01	1/2	5,090.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,669.38	3/4	4,031.10	3/4	4,392.83	3/4	4,754.55	3/4	5,094.52	3/4		3/4		3/4		3/4		3/4	
2	3,676.92	2	4,038.64	2	4,400.36	2	4,762.09	2	5,098.87	2		2		2		2		2	
1/4	3,684.45	1/4	4,046.18	1/4	4,407.90	1/4	4,769.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,691.99	1/2	4,053.71	1/2	4,415.44	1/2	4,777.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,699.52	3/4	4,061.25	3/4	4,422.97	3/4	4,784.69	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,707.06	3	4,068.78	3	4,430.51	3	4,792.23	3		3		3		3		3		3	
1/4	3,714.60	1/4	4,076.32	1/4	4,438.04	1/4	4,799.77	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,722.13	1/2	4,083.86	1/2	4,445.58	1/2	4,807.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,729.67	3/4	4,091.39	3/4	4,453.11	3/4	4,814.84	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,737.20	4	4,098.93	4	4,460.65	4	4,822.37	4		4		4		4		4		4	
1/4	3,744.74	1/4	4,106.46	1/4	4,468.19	1/4	4,829.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,752.28	1/2	4,114.00	1/2	4,475.72	1/2	4,837.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,759.81	3/4	4,121.54	3/4	4,483.26	3/4	4,844.98	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,767.35	5	4,129.07	5	4,490.79	5	4,852.52	5		5		5		5		5		5	
1/4	3,774.88	1/4	4,136.61	1/4	4,498.33	1/4	4,860.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,782.42	1/2	4,144.14	1/2	4,505.87	1/2	4,867.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,789.96	3/4	4,151.68	3/4	4,513.40	3/4	4,875.13	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,797.49	6	4,159.21	6	4,520.94	6	4,882.66	6		6		6		6		6		6	
1/4	3,805.03	1/4	4,166.75	1/4	4,528.47	1/4	4,890.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,812.56	1/2	4,174.29	1/2	4,536.01	1/2	4,897.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,820.10	3/4	4,181.82	3/4	4,543.55	3/4	4,905.27	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,827.63	7	4,189.36	7	4,551.08	7	4,912.80	7		7		7		7		7		7	
1/4	3,835.17	1/4	4,196.89	1/4	4,558.62	1/4	4,920.34	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,842.71	1/2	4,204.43	1/2	4,566.15	1/2	4,927.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,850.24	3/4	4,211.97	3/4	4,573.69	3/4	4,935.41	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,857.78	8	4,219.50	8	4,581.22	8	4,942.95	8		8		8		8		8		8	
1/4	3,865.31	1/4	4,227.04	1/4	4,588.76	1/4	4,950.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,872.85	1/2	4,234.57	1/2	4,596.30	1/2	4,958.02	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,880.39	3/4	4,242.11	3/4	4,603.83	3/4	4,965.56	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,887.92	9	4,249.65	9	4,611.37	9	4,973.09	9		9		9		9		9		9	
1/4	3,895.46	1/4	4,257.18	1/4	4,618.90	1/4	4,980.63	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,902.99	1/2	4,264.72	1/2	4,626.44	1/2	4,988.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,910.53	3/4	4,272.25	3/4	4,633.98	3/4	4,995.70	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,918.07	10	4,279.79	10	4,641.51	10	5,003.24	10		10		10		10		10		10	
1/4	3,925.60	1/4	4,287.32	1/4	4,649.05	1/4	5,010.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,933.14	1/2	4,294.86	1/2	4,656.58	1/2	5,018.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,940.67	3/4	4,302.40	3/4	4,664.12	3/4	5,025.40	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,948.21	11	4,309.93	11	4,671.66	11	5,032.79	11		11		11		11		11		11	
1/4	3,955.75	1/4	4,317.47	1/4	4,679.19	1/4	5,039.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,963.28	1/2	4,325.00	1/2	4,686.73	1/2	5,046.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,970.82	3/4	4,332.54	3/4	4,694.26	3/4	5,052.78	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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<http://www.pmacorp.net>



CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2019



BARGE "DBL 315"

3 PORT INNAGE 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	3,601.49	0	3,854.24	0	4,107.00	0	4,359.76	0	4,608.44	0		0		0		0		0	
1/4	3,606.75	1/4	3,859.51	1/4	4,112.27	1/4	4,365.03	1/4	4,611.66	1/4		1/4		1/4		1/4		1/4	
1/2	3,612.02	1/2	3,864.78	1/2	4,117.53	1/2	4,370.29	1/2	4,614.88	1/2		1/2		1/2		1/2		1/2	
3/4	3,617.28	3/4	3,870.04	3/4	4,122.80	3/4	4,375.56	3/4	4,618.10	3/4		3/4		3/4		3/4		3/4	
1	3,622.55	1	3,875.31	1	4,128.07	1	4,380.82	1	4,621.33	1		1		1		1		1	
1/4	3,627.81	1/4	3,880.57	1/4	4,133.33	1/4	4,386.09	1/4	4,623.38	1/4		1/4		1/4		1/4		1/4	
1/2	3,633.08	1/2	3,885.84	1/2	4,138.60	1/2	4,391.36	1/2	4,625.43	1/2		1/2		1/2		1/2		1/2	
3/4	3,638.35	3/4	3,891.10	3/4	4,143.86	3/4	4,396.62	3/4	4,627.49	3/4		3/4		3/4		3/4		3/4	
2	3,643.61	2	3,896.37	2	4,149.13	2	4,401.89	2	4,629.54	2		2		2		2		2	
1/4	3,648.88	1/4	3,901.64	1/4	4,154.39	1/4	4,407.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,654.14	1/2	3,906.90	1/2	4,159.66	1/2	4,412.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,659.41	3/4	3,912.17	3/4	4,164.93	3/4	4,417.68	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,664.67	3	3,917.43	3	4,170.19	3	4,422.95	3		3		3		3		3		3	
1/4	3,669.94	1/4	3,922.70	1/4	4,175.46	1/4	4,428.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,675.21	1/2	3,927.96	1/2	4,180.72	1/2	4,433.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,680.47	3/4	3,933.23	3/4	4,185.99	3/4	4,438.75	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,685.74	4	3,938.50	4	4,191.25	4	4,444.01	4		4		4		4		4		4	
1/4	3,691.00	1/4	3,943.76	1/4	4,196.52	1/4	4,449.28	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,696.27	1/2	3,949.03	1/2	4,201.79	1/2	4,454.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,701.54	3/4	3,954.29	3/4	4,207.05	3/4	4,459.81	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,706.80	5	3,959.56	5	4,212.32	5	4,465.08	5		5		5		5		5		5	
1/4	3,712.07	1/4	3,964.83	1/4	4,217.58	1/4	4,470.34	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,717.33	1/2	3,970.09	1/2	4,222.85	1/2	4,475.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,722.60	3/4	3,975.36	3/4	4,228.12	3/4	4,480.87	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,727.86	6	3,980.62	6	4,233.38	6	4,486.14	6		6		6		6		6		6	
1/4	3,733.13	1/4	3,985.89	1/4	4,238.65	1/4	4,491.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,738.40	1/2	3,991.15	1/2	4,243.91	1/2	4,496.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,743.66	3/4	3,996.42	3/4	4,249.18	3/4	4,501.94	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,748.93	7	4,001.69	7	4,254.44	7	4,507.20	7		7		7		7		7		7	
1/4	3,754.19	1/4	4,006.95	1/4	4,259.71	1/4	4,512.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,759.46	1/2	4,012.22	1/2	4,264.98	1/2	4,517.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,764.72	3/4	4,017.48	3/4	4,270.24	3/4	4,523.00	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,769.99	8	4,022.75	8	4,275.51	8	4,528.27	8		8		8		8		8		8	
1/4	3,775.26	1/4	4,028.01	1/4	4,280.77	1/4	4,533.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,780.52	1/2	4,033.28	1/2	4,286.04	1/2	4,538.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,785.79	3/4	4,038.55	3/4	4,291.30	3/4	4,544.06	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,791.05	9	4,043.81	9	4,296.57	9	4,549.33	9		9		9		9		9		9	
1/4	3,796.32	1/4	4,049.08	1/4	4,301.84	1/4	4,554.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,801.59	1/2	4,054.34	1/2	4,307.10	1/2	4,559.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,806.85	3/4	4,059.61	3/4	4,312.37	3/4	4,565.13	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,812.12	10	4,064.88	10	4,317.63	10	4,570.39	10		10		10		10		10		10	
1/4	3,817.38	1/4	4,070.14	1/4	4,322.90	1/4	4,575.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,822.65	1/2	4,075.41	1/2	4,328.17	1/2	4,580.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,827.91	3/4	4,080.67	3/4	4,333.43	3/4	4,585.76	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,833.18	11	4,085.94	11	4,338.70	11	4,590.88	11		11		11		11		11		11	
1/4	3,838.45	1/4	4,091.20	1/4	4,343.96	1/4	4,595.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,843.71	1/2	4,096.47	1/2	4,349.23	1/2	4,599.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,848.98	3/4	4,101.74	3/4	4,354.49	3/4	4,604.05	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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PRECISION MEASUREMENT
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CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2019



BARGE "DBL 315"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-01 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	18.10	0	363.97	0	727.73	0	1,090.93	0	1,454.49	0	1,818.26	0	2,182.04	0	2,545.81	0	2,909.58	0	3,273.36
1/4	22.73	1/4	371.55	1/4	735.31	1/4	1,098.49	1/4	1,462.07	1/4	1,825.84	1/4	2,189.62	1/4	2,553.39	1/4	2,917.16	1/4	3,280.93
1/2	27.36	1/2	379.13	1/2	742.89	1/2	1,106.05	1/2	1,469.65	1/2	1,833.42	1/2	2,197.19	1/2	2,560.97	1/2	2,924.74	1/2	3,288.51
3/4	31.99	3/4	386.71	3/4	750.47	3/4	1,113.61	3/4	1,477.23	3/4	1,841.00	3/4	2,204.77	3/4	2,568.55	3/4	2,932.32	3/4	3,296.09
1	36.62	1	394.29	1	758.05	1	1,121.17	1	1,484.81	1	1,848.58	1	2,212.35	1	2,576.12	1	2,939.90	1	3,303.67
1/4	42.88	1/4	401.86	1/4	765.62	1/4	1,128.73	1/4	1,492.38	1/4	1,856.16	1/4	2,219.93	1/4	2,583.70	1/4	2,947.48	1/4	3,311.25
1/2	49.14	1/2	409.44	1/2	773.20	1/2	1,136.29	1/2	1,499.96	1/2	1,863.74	1/2	2,227.51	1/2	2,591.28	1/2	2,955.05	1/2	3,318.83
3/4	55.39	3/4	417.02	3/4	780.78	3/4	1,143.85	3/4	1,507.54	3/4	1,871.31	3/4	2,235.09	3/4	2,598.86	3/4	2,962.63	3/4	3,326.41
2	61.65	2	424.60	2	788.36	2	1,151.41	2	1,515.12	2	1,878.89	2	2,242.67	2	2,606.44	2	2,970.21	2	3,333.98
1/4	69.04	1/4	432.18	1/4	795.94	1/4	1,158.97	1/4	1,522.70	1/4	1,886.47	1/4	2,250.24	1/4	2,614.02	1/4	2,977.79	1/4	3,341.56
1/2	76.44	1/2	439.76	1/2	803.51	1/2	1,166.53	1/2	1,530.28	1/2	1,894.05	1/2	2,257.82	1/2	2,621.60	1/2	2,985.37	1/2	3,349.14
3/4	83.84	3/4	447.33	3/4	811.09	3/4	1,174.10	3/4	1,537.86	3/4	1,901.63	3/4	2,265.40	3/4	2,629.17	3/4	2,992.95	3/4	3,356.72
3	91.23	3	454.91	3	818.67	3	1,181.66	3	1,545.44	3	1,909.21	3	2,272.98	3	2,636.75	3	3,000.53	3	3,364.30
1/4	98.80	1/4	462.49	1/4	826.25	1/4	1,189.24	1/4	1,553.01	1/4	1,916.79	1/4	2,280.56	1/4	2,644.33	1/4	3,008.10	1/4	3,371.88
1/2	106.36	1/2	470.07	1/2	833.83	1/2	1,196.82	1/2	1,560.59	1/2	1,924.37	1/2	2,288.14	1/2	2,651.91	1/2	3,015.68	1/2	3,379.46
3/4	113.92	3/4	477.65	3/4	841.41	3/4	1,204.40	3/4	1,568.17	3/4	1,931.94	3/4	2,295.72	3/4	2,659.49	3/4	3,023.26	3/4	3,387.03
4	121.48	4	485.23	4	848.98	4	1,211.98	4	1,575.75	4	1,939.52	4	2,303.30	4	2,667.07	4	3,030.84	4	3,394.61
1/4	129.06	1/4	492.80	1/4	856.56	1/4	1,219.56	1/4	1,583.33	1/4	1,947.10	1/4	2,310.87	1/4	2,674.65	1/4	3,038.42	1/4	3,402.19
1/2	136.63	1/2	500.38	1/2	864.13	1/2	1,227.13	1/2	1,590.91	1/2	1,954.68	1/2	2,318.45	1/2	2,682.22	1/2	3,046.00	1/2	3,409.77
3/4	144.21	3/4	507.96	3/4	871.70	3/4	1,234.71	3/4	1,598.49	3/4	1,962.26	3/4	2,326.03	3/4	2,689.80	3/4	3,053.58	3/4	3,417.35
5	151.78	5	515.54	5	879.28	5	1,242.29	5	1,606.06	5	1,969.84	5	2,333.61	5	2,697.38	5	3,061.15	5	3,424.93
1/4	159.36	1/4	523.12	1/4	886.84	1/4	1,249.87	1/4	1,613.64	1/4	1,977.42	1/4	2,341.19	1/4	2,704.96	1/4	3,068.73	1/4	3,432.51
1/2	166.94	1/2	530.70	1/2	894.40	1/2	1,257.45	1/2	1,621.22	1/2	1,984.99	1/2	2,348.77	1/2	2,712.54	1/2	3,076.31	1/2	3,440.08
3/4	174.52	3/4	538.27	3/4	901.96	3/4	1,265.03	3/4	1,628.80	3/4	1,992.57	3/4	2,356.35	3/4	2,720.12	3/4	3,083.89	3/4	3,447.66
6	182.09	6	545.85	6	909.51	6	1,272.61	6	1,636.38	6	2,000.15	6	2,363.92	6	2,727.70	6	3,091.47	6	3,455.24
1/4	189.67	1/4	553.43	1/4	917.07	1/4	1,280.18	1/4	1,643.96	1/4	2,007.73	1/4	2,371.50	1/4	2,735.28	1/4	3,099.05	1/4	3,462.82
1/2	197.25	1/2	561.01	1/2	924.63	1/2	1,287.76	1/2	1,651.54	1/2	2,015.31	1/2	2,379.08	1/2	2,742.85	1/2	3,106.63	1/2	3,470.40
3/4	204.83	3/4	568.59	3/4	932.19	3/4	1,295.34	3/4	1,659.11	3/4	2,022.89	3/4	2,386.66	3/4	2,750.43	3/4	3,114.21	3/4	3,477.98
7	212.41	7	576.17	7	939.75	7	1,302.92	7	1,666.69	7	2,030.47	7	2,394.24	7	2,758.01	7	3,121.78	7	3,485.56
1/4	219.99	1/4	583.74	1/4	947.31	1/4	1,310.50	1/4	1,674.27	1/4	2,038.04	1/4	2,401.82	1/4	2,765.59	1/4	3,129.36	1/4	3,493.14
1/2	227.56	1/2	591.32	1/2	954.87	1/2	1,318.08	1/2	1,681.85	1/2	2,045.62	1/2	2,409.40	1/2	2,773.17	1/2	3,136.94	1/2	3,500.71
3/4	235.14	3/4	598.90	3/4	962.43	3/4	1,325.66	3/4	1,689.43	3/4	2,053.20	3/4	2,416.97	3/4	2,780.75	3/4	3,144.52	3/4	3,508.29
8	242.72	8	606.48	8	969.99	8	1,333.23	8	1,697.01	8	2,060.78	8	2,424.55	8	2,788.33	8	3,152.10	8	3,515.87
1/4	250.30	1/4	614.06	1/4	977.55	1/4	1,340.81	1/4	1,704.59	1/4	2,068.36	1/4	2,432.13	1/4	2,795.90	1/4	3,159.68	1/4	3,523.45
1/2	257.88	1/2	621.64	1/2	985.11	1/2	1,348.39	1/2	1,712.16	1/2	2,075.94	1/2	2,439.71	1/2	2,803.48	1/2	3,167.26	1/2	3,531.03
3/4	265.46	3/4	629.21	3/4	992.66	3/4	1,355.97	3/4	1,719.74	3/4	2,083.52	3/4	2,447.29	3/4	2,811.06	3/4	3,174.83	3/4	3,538.61
9	273.03	9	636.79	9	1,000.22	9	1,363.55	9	1,727.32	9	2,091.09	9	2,454.87	9	2,818.64	9	3,182.41	9	3,546.19
1/4	280.61	1/4	644.37	1/4	1,007.78	1/4	1,371.13	1/4	1,734.90	1/4	2,098.67	1/4	2,462.45	1/4	2,826.22	1/4	3,189.99	1/4	3,553.18
1/2	288.19	1/2	651.95	1/2	1,015.34	1/2	1,378.71	1/2	1,742.48	1/2	2,106.25	1/2	2,470.02	1/2	2,833.80	1/2	3,197.57	1/2	3,560.18
3/4	295.77	3/4	659.53	3/4	1,022.90	3/4	1,386.28	3/4	1,750.06	3/4	2,113.83	3/4	2,477.60	3/4	2,841.38	3/4	3,205.15	3/4	3,567.17
10	303.35	10	667.11	10	1,030.46	10	1,393.86	10	1,757.64	10	2,121.41	10	2,485.18	10	2,848.95	10	3,212.73	10	3,574.17
1/4	310.93	1/4	674.68	1/4	1,038.02	1/4	1,401.44	1/4	1,765.21	1/4	2,128.99	1/4	2,492.76	1/4	2,856.53	1/4	3,220.31	1/4	3,579.43
1/2	318.50	1/2	682.26	1/2	1,045.58	1/2	1,409.02	1/2	1,772.79	1/2	2,136.57	1/2	2,500.34	1/2	2,864.11	1/2	3,227.88	1/2	3,584.68
3/4	326.08	3/4	689.84	3/4	1,053.14	3/4	1,416.60	3/4	1,780.37	3/4	2,144.14	3/4	2,507.92	3/4	2,871.69	3/4	3,235.46	3/4	3,589.93
11	333.66	11	697.42	11	1,060.70	11	1,424.18	11	1,787.95	11	2,151.72	11	2,515.50	11	2,879.27	11	3,243.04	11	3,595.19
1/4	341.24	1/4	705.00	1/4	1,068.26	1/4	1,431.76	1/4	1,795.53	1/4	2,159.30	1/4	2,523.07	1/4	2,886.85	1/4	3,250.62	1/4	3,600.44
1/2	348.82	1/2	712.58	1/2	1,075.81	1/2	1,439.33	1/2	1,803.11	1/2	2,166.88	1/2	2,530.65	1/2	2,894.43	1/2	3,258.20	1/2	3,605.69
3/4	356.40	3/4	720.15	3/4	1,083.37	3/4	1,446.91	3/4	1,810.69	3/4	2,174.46	3/4	2,538.23	3/4	2,902.00	3/4	3,265.78	3/4	3,610.95

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE 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 STBD INNAGE 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	3,616.20	0	3,868.36	0	4,120.52	0	4,372.68	0	4,620.75	0		0		0		0		0	
1/4	3,621.45	1/4	3,873.61	1/4	4,125.77	1/4	4,377.93	1/4	4,623.96	1/4		1/4		1/4		1/4		1/4	
1/2	3,626.71	1/2	3,878.87	1/2	4,131.02	1/2	4,383.18	1/2	4,627.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,631.96	3/4	3,884.12	3/4	4,136.28	3/4	4,388.44	3/4	4,630.38	3/4		3/4		3/4		3/4		3/4	
1	3,637.21	1	3,889.37	1	4,141.53	1	4,393.69	1	4,633.60	1		1		1		1		1	
1/4	3,642.47	1/4	3,894.63	1/4	4,146.78	1/4	4,398.94	1/4	4,635.64	1/4		1/4		1/4		1/4		1/4	
1/2	3,647.72	1/2	3,899.88	1/2	4,152.04	1/2	4,404.20	1/2	4,637.69	1/2		1/2		1/2		1/2		1/2	
3/4	3,652.97	3/4	3,905.13	3/4	4,157.29	3/4	4,409.45	3/4	4,639.74	3/4		3/4		3/4		3/4		3/4	
2	3,658.23	2	3,910.39	2	4,162.54	2	4,414.70	2	4,641.78	2		2		2		2		2	
1/4	3,663.48	1/4	3,915.64	1/4	4,167.80	1/4	4,419.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,668.73	1/2	3,920.89	1/2	4,173.05	1/2	4,425.21	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,673.99	3/4	3,926.15	3/4	4,178.30	3/4	4,430.46	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,679.24	3	3,931.40	3	4,183.56	3	4,435.72	3		3		3		3		3		3	
1/4	3,684.49	1/4	3,936.65	1/4	4,188.81	1/4	4,440.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,689.75	1/2	3,941.91	1/2	4,194.06	1/2	4,446.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,695.00	3/4	3,947.16	3/4	4,199.32	3/4	4,451.48	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,700.25	4	3,952.41	4	4,204.57	4	4,456.73	4		4		4		4		4		4	
1/4	3,705.51	1/4	3,957.67	1/4	4,209.82	1/4	4,461.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,710.76	1/2	3,962.92	1/2	4,215.08	1/2	4,467.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,716.01	3/4	3,968.17	3/4	4,220.33	3/4	4,472.49	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,721.27	5	3,973.42	5	4,225.58	5	4,477.74	5		5		5		5		5		5	
1/4	3,726.52	1/4	3,978.68	1/4	4,230.84	1/4	4,483.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,731.77	1/2	3,983.93	1/2	4,236.09	1/2	4,488.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,737.03	3/4	3,989.18	3/4	4,241.34	3/4	4,493.50	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,742.28	6	3,994.44	6	4,246.60	6	4,498.75	6		6		6		6		6		6	
1/4	3,747.53	1/4	3,999.69	1/4	4,251.85	1/4	4,504.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,752.79	1/2	4,004.94	1/2	4,257.10	1/2	4,509.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,758.04	3/4	4,010.20	3/4	4,262.36	3/4	4,514.51	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,763.29	7	4,015.45	7	4,267.61	7	4,519.77	7		7		7		7		7		7	
1/4	3,768.55	1/4	4,020.70	1/4	4,272.86	1/4	4,525.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,773.80	1/2	4,025.96	1/2	4,278.12	1/2	4,530.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,779.05	3/4	4,031.21	3/4	4,283.37	3/4	4,535.53	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,784.31	8	4,036.46	8	4,288.62	8	4,540.78	8		8		8		8		8		8	
1/4	3,789.56	1/4	4,041.72	1/4	4,293.88	1/4	4,546.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,794.81	1/2	4,046.97	1/2	4,299.13	1/2	4,551.29	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,800.07	3/4	4,052.22	3/4	4,304.38	3/4	4,556.54	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,805.32	9	4,057.48	9	4,309.64	9	4,561.79	9		9		9		9		9		9	
1/4	3,810.57	1/4	4,062.73	1/4	4,314.89	1/4	4,567.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,815.83	1/2	4,067.98	1/2	4,320.14	1/2	4,572.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,821.08	3/4	4,073.24	3/4	4,325.40	3/4	4,577.55	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,826.33	10	4,078.49	10	4,330.65	10	4,582.81	10		10		10		10		10		10	
1/4	3,831.59	1/4	4,083.74	1/4	4,335.90	1/4	4,587.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,836.84	1/2	4,089.00	1/2	4,341.16	1/2	4,593.02	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,842.09	3/4	4,094.25	3/4	4,346.41	3/4	4,598.13	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,847.35	11	4,099.50	11	4,351.66	11	4,603.24	11		11		11		11		11		11	
1/4	3,852.60	1/4	4,104.76	1/4	4,356.92	1/4	4,607.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,857.85	1/2	4,110.01	1/2	4,362.17	1/2	4,611.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,863.11	3/4	4,115.26	3/4	4,367.42	3/4	4,616.37	3/4		3/4		3/4		3/4		3/4		3/4	

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