



BARGE "DBL 321"

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	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
1 STBD	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
2 PORT	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4
2 STBD	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4
3 PORT	- 00-5/8	00-5/8	- 01-1/8	01-1/8	- 01-3/4	01-3/4	- 02-1/4	02-1/4	- 02-7/8	02-7/8	- 03-1/2	03-1/2
3 STBD	- 00-5/8	00-5/8	- 01-1/8	01-1/8	- 01-3/4	01-3/4	- 02-1/4	02-1/4	- 02-7/8	02-7/8	- 03-1/2	03-1/2

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 253'-09"

December 6, 2022

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "DBL 321"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,626.66	0	3,989.59	0	4,344.96	0	4,687.08	0	5,014.45	0		0		0		0		0	
1/4	3,634.22	1/4	3,997.12	1/4	4,352.22	1/4	4,694.06	1/4	5,021.05	1/4		1/4		1/4		1/4		1/4	
1/2	3,641.78	1/2	4,004.65	1/2	4,359.47	1/2	4,701.03	1/2	5,027.65	1/2		1/2		1/2		1/2		1/2	
3/4	3,649.34	3/4	4,012.18	3/4	4,366.72	3/4	4,708.01	3/4	5,034.25	3/4		3/4		3/4		3/4		3/4	
1	3,656.90	1	4,019.71	1	4,373.98	1	4,714.99	1	5,040.86	1		1		1		1		1	
1/4	3,664.47	1/4	4,027.21	1/4	4,381.21	1/4	4,721.92	1/4	5,047.44	1/4		1/4		1/4		1/4		1/4	
1/2	3,672.03	1/2	4,034.72	1/2	4,388.44	1/2	4,728.85	1/2	5,054.02	1/2		1/2		1/2		1/2		1/2	
3/4	3,679.59	3/4	4,042.23	3/4	4,395.67	3/4	4,735.78	3/4	5,060.60	3/4		3/4		3/4		3/4		3/4	
2	3,687.15	2	4,049.74	2	4,402.90	2	4,742.71	2	5,067.18	2		2		2		2		2	
1/4	3,694.71	1/4	4,057.22	1/4	4,410.11	1/4	4,749.61	1/4	5,073.74	1/4		1/4		1/4		1/4		1/4	
1/2	3,702.28	1/2	4,064.70	1/2	4,417.32	1/2	4,756.51	1/2	5,080.29	1/2		1/2		1/2		1/2		1/2	
3/4	3,709.84	3/4	4,072.19	3/4	4,424.53	3/4	4,763.41	3/4	5,086.85	3/4		3/4		3/4		3/4		3/4	
3	3,717.40	3	4,079.67	3	4,431.73	3	4,770.32	3	5,093.41	3		3		3		3		3	
1/4	3,724.96	1/4	4,087.13	1/4	4,438.92	1/4	4,777.20	1/4	5,099.94	1/4		1/4		1/4		1/4		1/4	
1/2	3,732.52	1/2	4,094.60	1/2	4,446.10	1/2	4,784.08	1/2	5,106.47	1/2		1/2		1/2		1/2		1/2	
3/4	3,740.09	3/4	4,102.06	3/4	4,453.29	3/4	4,790.96	3/4	5,113.01	3/4		3/4		3/4		3/4		3/4	
4	3,747.65	4	4,109.52	4	4,460.47	4	4,797.84	4	5,119.54	4		4		4		4		4	
1/4	3,755.21	1/4	4,116.96	1/4	4,467.64	1/4	4,804.69	1/4	5,126.05	1/4		1/4		1/4		1/4		1/4	
1/2	3,762.77	1/2	4,124.39	1/2	4,474.80	1/2	4,811.55	1/2	5,132.56	1/2		1/2		1/2		1/2		1/2	
3/4	3,770.33	3/4	4,131.83	3/4	4,481.96	3/4	4,818.41	3/4	5,139.08	3/4		3/4		3/4		3/4		3/4	
5	3,777.89	5	4,139.27	5	4,489.12	5	4,825.26	5	5,145.59	5		5		5		5		5	
1/4	3,785.46	1/4	4,146.69	1/4	4,496.26	1/4	4,832.10	1/4	5,152.79	1/4		1/4		1/4		1/4		1/4	
1/2	3,793.02	1/2	4,154.10	1/2	4,503.40	1/2	4,838.93	1/2	5,160.00	1/2		1/2		1/2		1/2		1/2	
3/4	3,800.58	3/4	4,161.52	3/4	4,510.54	3/4	4,845.76	3/4	5,167.20	3/4		3/4		3/4		3/4		3/4	
6	3,808.14	6	4,168.93	6	4,517.68	6	4,852.60	6	5,174.41	6		6		6		6		6	
1/4	3,815.70	1/4	4,176.32	1/4	4,524.79	1/4	4,859.41	1/4	5,180.75	1/4		1/4		1/4		1/4		1/4	
1/2	3,823.27	1/2	4,183.72	1/2	4,531.91	1/2	4,866.22	1/2	5,187.09	1/2		1/2		1/2		1/2		1/2	
3/4	3,830.83	3/4	4,191.11	3/4	4,539.02	3/4	4,873.03	3/4	5,193.43	3/4		3/4		3/4		3/4		3/4	
7	3,838.39	7	4,198.50	7	4,546.14	7	4,879.84	7	5,199.77	7		7		7		7		7	
1/4	3,845.95	1/4	4,205.87	1/4	4,553.23	1/4	4,886.63	1/4	5,204.90	1/4		1/4		1/4		1/4		1/4	
1/2	3,853.51	1/2	4,213.24	1/2	4,560.33	1/2	4,893.41	1/2	5,210.02	1/2		1/2		1/2		1/2		1/2	
3/4	3,861.08	3/4	4,220.61	3/4	4,567.42	3/4	4,900.20	3/4	5,215.14	3/4		3/4		3/4		3/4		3/4	
8	3,868.64	8	4,227.98	8	4,574.51	8	4,906.99	8	5,220.27	8		8		8		8		8	
1/4	3,876.20	1/4	4,235.32	1/4	4,581.58	1/4	4,913.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,883.76	1/2	4,242.67	1/2	4,588.65	1/2	4,920.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,891.32	3/4	4,250.01	3/4	4,595.72	3/4	4,927.28	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,898.89	9	4,257.36	9	4,602.79	9	4,934.05	9		9		9		9		9		9	
1/4	3,906.45	1/4	4,264.68	1/4	4,609.84	1/4	4,940.79	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,914.01	1/2	4,272.01	1/2	4,616.89	1/2	4,947.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,921.57	3/4	4,279.33	3/4	4,623.93	3/4	4,954.28	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,929.13	10	4,286.65	10	4,630.98	10	4,961.02	10		10		10		10		10		10	
1/4	3,936.69	1/4	4,293.95	1/4	4,638.00	1/4	4,967.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,944.26	1/2	4,301.25	1/2	4,645.03	1/2	4,974.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,951.82	3/4	4,308.55	3/4	4,652.05	3/4	4,981.18	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,959.38	11	4,315.85	11	4,659.07	11	4,987.90	11		11		11		11		11		11	
1/4	3,966.93	1/4	4,323.13	1/4	4,666.08	1/4	4,994.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,974.48	1/2	4,330.41	1/2	4,673.08	1/2	5,001.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,982.03	3/4	4,337.68	3/4	4,680.08	3/4	5,007.81	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/05/2022 JS
CALCULATED: 12/05/2022 CL
PRINTED: 12/06/2022 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2022

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BARGE "DBL 321"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,624.03	0	3,986.89	0	4,342.20	0	4,684.26	0	5,011.59	0		0		0		0		0	
1/4	3,631.59	1/4	3,994.42	1/4	4,349.45	1/4	4,691.24	1/4	5,018.20	1/4		1/4		1/4		1/4		1/4	
1/2	3,639.15	1/2	4,001.94	1/2	4,356.70	1/2	4,698.22	1/2	5,024.80	1/2		1/2		1/2		1/2		1/2	
3/4	3,646.71	3/4	4,009.47	3/4	4,363.96	3/4	4,705.19	3/4	5,031.40	3/4		3/4		3/4		3/4		3/4	
1	3,654.27	1	4,017.00	1	4,371.21	1	4,712.17	1	5,038.00	1		1		1		1		1	
1/4	3,661.84	1/4	4,024.51	1/4	4,378.44	1/4	4,719.10	1/4	5,044.58	1/4		1/4		1/4		1/4		1/4	
1/2	3,669.40	1/2	4,032.01	1/2	4,385.67	1/2	4,726.03	1/2	5,051.16	1/2		1/2		1/2		1/2		1/2	
3/4	3,676.96	3/4	4,039.52	3/4	4,392.90	3/4	4,732.96	3/4	5,057.74	3/4		3/4		3/4		3/4		3/4	
2	3,684.52	2	4,047.02	2	4,400.13	2	4,739.88	2	5,064.32	2		2		2		2		2	
1/4	3,692.08	1/4	4,054.51	1/4	4,407.33	1/4	4,746.79	1/4	5,070.88	1/4		1/4		1/4		1/4		1/4	
1/2	3,699.64	1/2	4,061.99	1/2	4,414.54	1/2	4,753.69	1/2	5,077.44	1/2		1/2		1/2		1/2		1/2	
3/4	3,707.20	3/4	4,069.47	3/4	4,421.75	3/4	4,760.59	3/4	5,083.99	3/4		3/4		3/4		3/4		3/4	
3	3,714.76	3	4,076.96	3	4,428.95	3	4,767.49	3	5,090.55	3		3		3		3		3	
1/4	3,722.32	1/4	4,084.42	1/4	4,436.14	1/4	4,774.37	1/4	5,097.08	1/4		1/4		1/4		1/4		1/4	
1/2	3,729.88	1/2	4,091.88	1/2	4,443.32	1/2	4,781.25	1/2	5,103.62	1/2		1/2		1/2		1/2		1/2	
3/4	3,737.44	3/4	4,099.34	3/4	4,450.51	3/4	4,788.13	3/4	5,110.15	3/4		3/4		3/4		3/4		3/4	
4	3,745.00	4	4,106.80	4	4,457.69	4	4,795.01	4	5,116.68	4		4		4		4		4	
1/4	3,752.56	1/4	4,114.23	1/4	4,464.85	1/4	4,801.86	1/4	5,123.19	1/4		1/4		1/4		1/4		1/4	
1/2	3,760.12	1/2	4,121.67	1/2	4,472.01	1/2	4,808.72	1/2	5,129.70	1/2		1/2		1/2		1/2		1/2	
3/4	3,767.68	3/4	4,129.11	3/4	4,479.17	3/4	4,815.57	3/4	5,136.22	3/4		3/4		3/4		3/4		3/4	
5	3,775.24	5	4,136.54	5	4,486.33	5	4,822.43	5	5,142.73	5		5		5		5		5	
1/4	3,782.80	1/4	4,143.96	1/4	4,493.47	1/4	4,829.26	1/4	5,149.93	1/4		1/4		1/4		1/4		1/4	
1/2	3,790.36	1/2	4,151.37	1/2	4,500.61	1/2	4,836.10	1/2	5,157.13	1/2		1/2		1/2		1/2		1/2	
3/4	3,797.92	3/4	4,158.78	3/4	4,507.75	3/4	4,842.93	3/4	5,164.34	3/4		3/4		3/4		3/4		3/4	
6	3,805.48	6	4,166.20	6	4,514.89	6	4,849.76	6	5,171.54	6		6		6		6		6	
1/4	3,813.04	1/4	4,173.59	1/4	4,522.00	1/4	4,856.57	1/4	5,177.88	1/4		1/4		1/4		1/4		1/4	
1/2	3,820.60	1/2	4,180.98	1/2	4,529.12	1/2	4,863.38	1/2	5,184.22	1/2		1/2		1/2		1/2		1/2	
3/4	3,828.16	3/4	4,188.37	3/4	4,536.23	3/4	4,870.19	3/4	5,190.56	3/4		3/4		3/4		3/4		3/4	
7	3,835.72	7	4,195.76	7	4,543.34	7	4,877.00	7	5,196.89	7		7		7		7		7	
1/4	3,843.28	1/4	4,203.13	1/4	4,550.44	1/4	4,883.79	1/4	5,202.02	1/4		1/4		1/4		1/4		1/4	
1/2	3,850.85	1/2	4,210.50	1/2	4,557.53	1/2	4,890.57	1/2	5,207.14	1/2		1/2		1/2		1/2		1/2	
3/4	3,858.41	3/4	4,217.86	3/4	4,564.62	3/4	4,897.36	3/4	5,212.26	3/4		3/4		3/4		3/4		3/4	
8	3,865.97	8	4,225.23	8	4,571.71	8	4,904.15	8	5,217.39	8		8		8		8		8	
1/4	3,873.53	1/4	4,232.58	1/4	4,578.78	1/4	4,910.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,881.09	1/2	4,239.92	1/2	4,585.85	1/2	4,917.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,888.65	3/4	4,247.27	3/4	4,592.92	3/4	4,924.44	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,896.21	9	4,254.61	9	4,599.99	9	4,931.20	9		9		9		9		9		9	
1/4	3,903.77	1/4	4,261.93	1/4	4,607.03	1/4	4,937.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,911.33	1/2	4,269.25	1/2	4,614.08	1/2	4,944.69	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,918.89	3/4	4,276.58	3/4	4,621.13	3/4	4,951.43	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,926.45	10	4,283.90	10	4,628.17	10	4,958.17	10		10		10		10		10		10	
1/4	3,934.01	1/4	4,291.20	1/4	4,635.19	1/4	4,964.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,941.57	1/2	4,298.50	1/2	4,642.22	1/2	4,971.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,949.13	3/4	4,305.79	3/4	4,649.24	3/4	4,978.34	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,956.69	11	4,313.09	11	4,656.26	11	4,985.06	11		11		11		11		11		11	
1/4	3,964.24	1/4	4,320.37	1/4	4,663.26	1/4	4,991.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,971.79	1/2	4,327.65	1/2	4,670.26	1/2	4,998.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,979.34	3/4	4,334.92	3/4	4,677.26	3/4	5,004.96	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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ALL PRIOR TO 12/2022

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BARGE "DBL 321"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,614.78	0	3,976.53	0	4,330.73	0	4,671.68	0	4,997.91	0		0		0		0		0	
1/4	3,622.32	1/4	3,984.04	1/4	4,337.96	1/4	4,678.64	1/4	5,004.49	1/4		1/4		1/4		1/4		1/4	
1/2	3,629.86	1/2	3,991.54	1/2	4,345.19	1/2	4,685.59	1/2	5,011.07	1/2		1/2		1/2		1/2		1/2	
3/4	3,637.40	3/4	3,999.05	3/4	4,352.42	3/4	4,692.55	3/4	5,017.65	3/4		3/4		3/4		3/4		3/4	
1	3,644.93	1	4,006.55	1	4,359.65	1	4,699.50	1	5,024.23	1		1		1		1		1	
1/4	3,652.47	1/4	4,014.04	1/4	4,366.85	1/4	4,706.41	1/4	5,030.78	1/4		1/4		1/4		1/4		1/4	
1/2	3,660.01	1/2	4,021.52	1/2	4,374.06	1/2	4,713.31	1/2	5,037.34	1/2		1/2		1/2		1/2		1/2	
3/4	3,667.54	3/4	4,029.00	3/4	4,381.27	3/4	4,720.22	3/4	5,043.90	3/4		3/4		3/4		3/4		3/4	
2	3,675.08	2	4,036.48	2	4,388.47	2	4,727.12	2	5,050.45	2		2		2		2		2	
1/4	3,682.62	1/4	4,043.94	1/4	4,395.66	1/4	4,734.00	1/4	5,056.99	1/4		1/4		1/4		1/4		1/4	
1/2	3,690.16	1/2	4,051.40	1/2	4,402.84	1/2	4,740.88	1/2	5,063.52	1/2		1/2		1/2		1/2		1/2	
3/4	3,697.69	3/4	4,058.86	3/4	4,410.03	3/4	4,747.76	3/4	5,070.05	3/4		3/4		3/4		3/4		3/4	
3	3,705.23	3	4,066.32	3	4,417.21	3	4,754.64	3	5,076.59	3		3		3		3		3	
1/4	3,712.77	1/4	4,073.76	1/4	4,424.37	1/4	4,761.49	1/4	5,083.10	1/4		1/4		1/4		1/4		1/4	
1/2	3,720.30	1/2	4,081.20	1/2	4,431.53	1/2	4,768.35	1/2	5,089.61	1/2		1/2		1/2		1/2		1/2	
3/4	3,727.84	3/4	4,088.63	3/4	4,438.69	3/4	4,775.20	3/4	5,096.12	3/4		3/4		3/4		3/4		3/4	
4	3,735.38	4	4,096.07	4	4,445.85	4	4,782.06	4	5,102.63	4		4		4		4		4	
1/4	3,742.91	1/4	4,103.48	1/4	4,452.99	1/4	4,788.89	1/4	5,109.12	1/4		1/4		1/4		1/4		1/4	
1/2	3,750.45	1/2	4,110.90	1/2	4,460.13	1/2	4,795.72	1/2	5,115.60	1/2		1/2		1/2		1/2		1/2	
3/4	3,757.99	3/4	4,118.31	3/4	4,467.27	3/4	4,802.56	3/4	5,122.09	3/4		3/4		3/4		3/4		3/4	
5	3,765.53	5	4,125.72	5	4,474.40	5	4,809.39	5	5,128.58	5		5		5		5		5	
1/4	3,773.06	1/4	4,133.11	1/4	4,481.52	1/4	4,816.20	1/4	5,135.76	1/4		1/4		1/4		1/4		1/4	
1/2	3,780.60	1/2	4,140.51	1/2	4,488.63	1/2	4,823.01	1/2	5,142.94	1/2		1/2		1/2		1/2		1/2	
3/4	3,788.14	3/4	4,147.90	3/4	4,495.75	3/4	4,829.82	3/4	5,150.13	3/4		3/4		3/4		3/4		3/4	
6	3,795.67	6	4,155.29	6	4,502.86	6	4,836.63	6	5,157.31	6		6		6		6		6	
1/4	3,803.21	1/4	4,162.65	1/4	4,509.95	1/4	4,843.42	1/4	5,163.63	1/4		1/4		1/4		1/4		1/4	
1/2	3,810.75	1/2	4,170.02	1/2	4,517.05	1/2	4,850.20	1/2	5,169.95	1/2		1/2		1/2		1/2		1/2	
3/4	3,818.29	3/4	4,177.39	3/4	4,524.14	3/4	4,856.99	3/4	5,176.26	3/4		3/4		3/4		3/4		3/4	
7	3,825.82	7	4,184.76	7	4,531.23	7	4,863.78	7	5,182.58	7		7		7		7		7	
1/4	3,833.36	1/4	4,192.10	1/4	4,538.30	1/4	4,870.54	1/4	5,187.69	1/4		1/4		1/4		1/4		1/4	
1/2	3,840.90	1/2	4,199.45	1/2	4,545.37	1/2	4,877.30	1/2	5,192.80	1/2		1/2		1/2		1/2		1/2	
3/4	3,848.43	3/4	4,206.79	3/4	4,552.44	3/4	4,884.07	3/4	5,197.91	3/4		3/4		3/4		3/4		3/4	
8	3,855.97	8	4,214.14	8	4,559.50	8	4,890.83	8	5,203.01	8		8		8		8		8	
1/4	3,863.51	1/4	4,221.46	1/4	4,566.55	1/4	4,897.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,871.05	1/2	4,228.78	1/2	4,573.60	1/2	4,904.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,878.58	3/4	4,236.10	3/4	4,580.64	3/4	4,911.05	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,886.12	9	4,243.42	9	4,587.69	9	4,917.79	9		9		9		9		9		9	
1/4	3,893.66	1/4	4,250.72	1/4	4,594.71	1/4	4,924.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,901.19	1/2	4,258.02	1/2	4,601.73	1/2	4,931.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,908.73	3/4	4,265.32	3/4	4,608.76	3/4	4,937.95	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,916.27	10	4,272.62	10	4,615.78	10	4,944.67	10		10		10		10		10		10	
1/4	3,923.81	1/4	4,279.89	1/4	4,622.78	1/4	4,951.37	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,931.34	1/2	4,287.17	1/2	4,629.78	1/2	4,958.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,938.88	3/4	4,294.44	3/4	4,636.78	3/4	4,964.76	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,946.42	11	4,301.72	11	4,643.78	11	4,971.46	11		11		11		11		11		11	
1/4	3,953.95	1/4	4,308.97	1/4	4,650.75	1/4	4,978.07	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,961.47	1/2	4,316.22	1/2	4,657.73	1/2	4,984.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,969.00	3/4	4,323.48	3/4	4,664.71	3/4	4,991.30	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/05/2022 JS
CALCULATED: 12/05/2022 CL
PRINTED: 12/06/2022 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2022

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



BARGE "DBL 321"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,595.38	0	3,956.77	0	4,310.62	0	4,651.24	0	4,977.13	0		0		0		0		0	
1/4	3,602.90	1/4	3,964.27	1/4	4,317.84	1/4	4,658.18	1/4	4,983.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,610.43	1/2	3,971.77	1/2	4,325.06	1/2	4,665.13	1/2	4,990.27	1/2		1/2		1/2		1/2		1/2	
3/4	3,617.96	3/4	3,979.26	3/4	4,332.29	3/4	4,672.08	3/4	4,996.85	3/4		3/4		3/4		3/4		3/4	
1	3,625.49	1	3,986.76	1	4,339.51	1	4,679.02	1	5,003.42	1		1		1		1		1	
1/4	3,633.02	1/4	3,994.24	1/4	4,346.71	1/4	4,685.92	1/4	5,009.97	1/4		1/4		1/4		1/4		1/4	
1/2	3,640.55	1/2	4,001.71	1/2	4,353.91	1/2	4,692.82	1/2	5,016.52	1/2		1/2		1/2		1/2		1/2	
3/4	3,648.08	3/4	4,009.19	3/4	4,361.11	3/4	4,699.72	3/4	5,023.07	3/4		3/4		3/4		3/4		3/4	
2	3,655.61	2	4,016.66	2	4,368.31	2	4,706.62	2	5,029.62	2		2		2		2		2	
1/4	3,663.14	1/4	4,024.12	1/4	4,375.48	1/4	4,713.49	1/4	5,036.15	1/4		1/4		1/4		1/4		1/4	
1/2	3,670.67	1/2	4,031.57	1/2	4,382.66	1/2	4,720.36	1/2	5,042.67	1/2		1/2		1/2		1/2		1/2	
3/4	3,678.20	3/4	4,039.02	3/4	4,389.84	3/4	4,727.23	3/4	5,049.20	3/4		3/4		3/4		3/4		3/4	
3	3,685.73	3	4,046.47	3	4,397.01	3	4,734.10	3	5,055.73	3		3		3		3		3	
1/4	3,693.26	1/4	4,053.90	1/4	4,404.17	1/4	4,740.95	1/4	5,062.23	1/4		1/4		1/4		1/4		1/4	
1/2	3,700.79	1/2	4,061.33	1/2	4,411.32	1/2	4,747.80	1/2	5,068.73	1/2		1/2		1/2		1/2		1/2	
3/4	3,708.32	3/4	4,068.76	3/4	4,418.47	3/4	4,754.65	3/4	5,075.24	3/4		3/4		3/4		3/4		3/4	
4	3,715.85	4	4,076.19	4	4,425.63	4	4,761.50	4	5,081.74	4		4		4		4		4	
1/4	3,723.38	1/4	4,083.60	1/4	4,432.76	1/4	4,768.32	1/4	5,088.22	1/4		1/4		1/4		1/4		1/4	
1/2	3,730.91	1/2	4,091.00	1/2	4,439.89	1/2	4,775.15	1/2	5,094.70	1/2		1/2		1/2		1/2		1/2	
3/4	3,738.44	3/4	4,098.41	3/4	4,447.02	3/4	4,781.98	3/4	5,101.19	3/4		3/4		3/4		3/4		3/4	
5	3,745.97	5	4,105.82	5	4,454.15	5	4,788.80	5	5,107.67	5		5		5		5		5	
1/4	3,753.50	1/4	4,113.20	1/4	4,461.26	1/4	4,795.60	1/4	5,114.84	1/4		1/4		1/4		1/4		1/4	
1/2	3,761.03	1/2	4,120.58	1/2	4,468.37	1/2	4,802.41	1/2	5,122.02	1/2		1/2		1/2		1/2		1/2	
3/4	3,768.56	3/4	4,127.96	3/4	4,475.47	3/4	4,809.21	3/4	5,129.19	3/4		3/4		3/4		3/4		3/4	
6	3,776.09	6	4,135.35	6	4,482.58	6	4,816.01	6	5,136.37	6		6		6		6		6	
1/4	3,783.62	1/4	4,142.71	1/4	4,489.67	1/4	4,822.79	1/4	5,142.68	1/4		1/4		1/4		1/4		1/4	
1/2	3,791.15	1/2	4,150.07	1/2	4,496.75	1/2	4,829.57	1/2	5,149.00	1/2		1/2		1/2		1/2		1/2	
3/4	3,798.68	3/4	4,157.43	3/4	4,503.84	3/4	4,836.35	3/4	5,155.31	3/4		3/4		3/4		3/4		3/4	
7	3,806.21	7	4,164.79	7	4,510.92	7	4,843.13	7	5,161.62	7		7		7		7		7	
1/4	3,813.74	1/4	4,172.13	1/4	4,517.98	1/4	4,849.89	1/4	5,166.73	1/4		1/4		1/4		1/4		1/4	
1/2	3,821.27	1/2	4,179.46	1/2	4,525.04	1/2	4,856.65	1/2	5,171.83	1/2		1/2		1/2		1/2		1/2	
3/4	3,828.80	3/4	4,186.80	3/4	4,532.11	3/4	4,863.40	3/4	5,176.93	3/4		3/4		3/4		3/4		3/4	
8	3,836.33	8	4,194.14	8	4,539.17	8	4,870.16	8	5,182.03	8		8		8		8		8	
1/4	3,843.86	1/4	4,201.45	1/4	4,546.21	1/4	4,876.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,851.39	1/2	4,208.77	1/2	4,553.24	1/2	4,883.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,858.92	3/4	4,216.08	3/4	4,560.28	3/4	4,890.36	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,866.45	9	4,223.40	9	4,567.32	9	4,897.10	9		9		9		9		9		9	
1/4	3,873.98	1/4	4,230.69	1/4	4,574.34	1/4	4,903.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,881.51	1/2	4,237.98	1/2	4,581.35	1/2	4,910.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,889.04	3/4	4,245.27	3/4	4,588.37	3/4	4,917.24	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,896.57	10	4,252.56	10	4,595.39	10	4,923.95	10		10		10		10		10		10	
1/4	3,904.10	1/4	4,259.83	1/4	4,602.38	1/4	4,930.64	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,911.63	1/2	4,267.10	1/2	4,609.37	1/2	4,937.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,919.16	3/4	4,274.37	3/4	4,616.36	3/4	4,944.02	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,926.69	11	4,281.64	11	4,623.36	11	4,950.71	11		11		11		11		11		11	
1/4	3,934.21	1/4	4,288.88	1/4	4,630.33	1/4	4,957.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,941.73	1/2	4,296.13	1/2	4,637.30	1/2	4,963.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,949.25	3/4	4,303.37	3/4	4,644.27	3/4	4,970.52	3/4		3/4		3/4		3/4		3/4		3/4	

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BARGE "DBL 321"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	21.25	0	356.74	0	716.94	0	1,076.93	0	1,436.97	0	1,797.18	0	2,157.37	0	2,517.49	0	2,877.42	0	3,236.48
1/4	25.47	1/4	364.24	1/4	724.44	1/4	1,084.42	1/4	1,444.48	1/4	1,804.69	1/4	2,164.87	1/4	2,524.99	1/4	2,884.91	1/4	3,243.93
1/2	29.69	1/2	371.75	1/2	731.94	1/2	1,091.92	1/2	1,451.98	1/2	1,812.19	1/2	2,172.37	1/2	2,532.49	1/2	2,892.40	1/2	3,251.39
3/4	33.91	3/4	379.25	3/4	739.45	3/4	1,099.41	3/4	1,459.48	3/4	1,819.70	3/4	2,179.87	3/4	2,540.00	3/4	2,899.89	3/4	3,258.84
1	38.13	1	386.75	1	746.95	1	1,106.91	1	1,466.99	1	1,827.20	1	2,187.38	1	2,547.50	1	2,907.38	1	3,265.29
1/4	43.60	1/4	394.26	1/4	754.46	1/4	1,114.40	1/4	1,474.49	1/4	1,834.70	1/4	2,194.88	1/4	2,555.00	1/4	2,914.87	1/4	3,273.75
1/2	49.07	1/2	401.76	1/2	761.96	1/2	1,121.90	1/2	1,482.00	1/2	1,842.21	1/2	2,202.38	1/2	2,565.12	1/2	2,922.35	1/2	3,281.20
3/4	54.54	3/4	409.27	3/4	769.46	3/4	1,129.39	3/4	1,489.50	3/4	1,849.71	3/4	2,209.88	3/4	2,570.01	3/4	2,929.84	3/4	3,288.66
2	60.01	2	416.77	2	776.97	2	1,136.89	2	1,497.01	2	1,857.22	2	2,217.39	2	2,577.51	2	2,937.33	2	3,295.11
1/4	66.74	1/4	424.28	1/4	784.47	1/4	1,144.38	1/4	1,504.51	1/4	1,864.72	1/4	2,224.89	1/4	2,585.01	1/4	2,944.82	1/4	3,303.56
1/2	73.46	1/2	431.78	1/2	791.98	1/2	1,151.88	1/2	1,512.01	1/2	1,872.23	1/2	2,232.39	1/2	2,592.52	1/2	2,952.31	1/2	3,311.02
3/4	80.18	3/4	439.28	3/4	799.48	3/4	1,159.37	3/4	1,519.52	3/4	1,879.73	3/4	2,239.89	3/4	2,600.02	3/4	2,959.80	3/4	3,318.47
3	86.90	3	446.79	3	806.98	3	1,166.87	3	1,527.02	3	1,887.23	3	2,247.40	3	2,607.52	3	2,967.29	3	3,325.93
1/4	94.33	1/4	454.29	1/4	814.49	1/4	1,174.36	1/4	1,534.53	1/4	1,894.74	1/4	2,254.90	1/4	2,615.02	1/4	2,974.77	1/4	3,333.39
1/2	101.76	1/2	461.80	1/2	821.99	1/2	1,181.86	1/2	1,542.03	1/2	1,902.24	1/2	2,262.40	1/2	2,622.52	1/2	2,982.26	1/2	3,340.86
3/4	109.18	3/4	469.30	3/4	829.50	3/4	1,189.35	3/4	1,549.54	3/4	1,909.75	3/4	2,269.90	3/4	2,630.03	3/4	2,989.75	3/4	3,348.33
4	116.61	4	476.80	4	837.00	4	1,196.85	4	1,557.04	4	1,917.25	4	2,277.41	4	2,637.53	4	2,997.24	4	3,355.80
1/4	124.11	1/4	484.31	1/4	844.50	1/4	1,204.35	1/4	1,564.55	1/4	1,924.76	1/4	2,284.91	1/4	2,645.03	1/4	3,004.73	1/4	3,363.27
1/2	131.62	1/2	491.81	1/2	852.01	1/2	1,211.85	1/2	1,572.05	1/2	1,932.26	1/2	2,292.41	1/2	2,652.53	1/2	3,012.22	1/2	3,370.74
3/4	139.12	3/4	499.32	3/4	859.51	3/4	1,219.35	3/4	1,579.55	3/4	1,939.77	3/4	2,299.91	3/4	2,660.03	3/4	3,019.70	3/4	3,378.21
5	146.62	5	506.82	5	867.02	5	1,226.85	5	1,587.06	5	1,947.27	5	2,307.42	5	2,667.53	5	3,027.19	5	3,385.68
1/4	154.13	1/4	514.32	1/4	874.52	1/4	1,234.35	1/4	1,594.56	1/4	1,954.77	1/4	2,314.92	1/4	2,675.03	1/4	3,034.68	1/4	3,393.15
1/2	161.63	1/2	521.83	1/2	882.03	1/2	1,241.86	1/2	1,602.07	1/2	1,962.28	1/2	2,322.42	1/2	2,682.53	1/2	3,042.17	1/2	3,400.62
3/4	169.14	3/4	529.33	3/4	889.53	3/4	1,249.36	3/4	1,609.57	3/4	1,969.78	3/4	2,329.92	3/4	2,690.03	3/4	3,049.66	3/4	3,408.09
6	176.64	6	536.84	6	897.03	6	1,256.87	6	1,617.08	6	1,977.29	6	2,337.43	6	2,697.54	6	3,057.15	6	3,415.56
1/4	184.14	1/4	544.34	1/4	904.53	1/4	1,264.37	1/4	1,624.58	1/4	1,984.79	1/4	2,344.93	1/4	2,705.04	1/4	3,064.63	1/4	3,423.03
1/2	191.65	1/2	551.84	1/2	912.03	1/2	1,271.87	1/2	1,632.09	1/2	1,992.30	1/2	2,352.43	1/2	2,712.54	1/2	3,072.12	1/2	3,430.50
3/4	199.15	3/4	559.35	3/4	919.53	3/4	1,279.38	3/4	1,639.59	3/4	1,999.80	3/4	2,359.94	3/4	2,720.04	3/4	3,079.61	3/4	3,437.97
7	206.66	7	566.85	7	927.03	7	1,286.88	7	1,647.09	7	2,007.31	7	2,367.44	7	2,727.54	7	3,087.10	7	3,445.44
1/4	214.16	1/4	574.36	1/4	934.52	1/4	1,294.39	1/4	1,654.60	1/4	2,014.81	1/4	2,374.94	1/4	2,735.04	1/4	3,094.59	1/4	3,452.90
1/2	221.66	1/2	581.86	1/2	942.02	1/2	1,301.89	1/2	1,662.10	1/2	2,022.31	1/2	2,382.44	1/2	2,742.54	1/2	3,102.08	1/2	3,460.37
3/4	229.17	3/4	589.37	3/4	949.51	3/4	1,309.40	3/4	1,669.61	3/4	2,029.82	3/4	2,389.95	3/4	2,750.04	3/4	3,109.56	3/4	3,467.84
8	236.67	8	596.87	8	957.01	8	1,316.90	8	1,677.11	8	2,037.32	8	2,397.45	8	2,757.54	8	3,117.05	8	3,475.31
1/4	244.18	1/4	604.37	1/4	964.50	1/4	1,324.40	1/4	1,684.62	1/4	2,044.83	1/4	2,404.95	1/4	2,765.05	1/4	3,124.54	1/4	3,482.78
1/2	251.68	1/2	611.88	1/2	972.00	1/2	1,331.91	1/2	1,692.12	1/2	2,052.33	1/2	2,412.45	1/2	2,772.55	1/2	3,132.03	1/2	3,490.25
3/4	259.18	3/4	619.38	3/4	979.49	3/4	1,339.41	3/4	1,699.62	3/4	2,059.83	3/4	2,419.96	3/4	2,780.05	3/4	3,139.52	3/4	3,497.72
9	266.69	9	626.89	9	986.99	9	1,346.92	9	1,707.13	9	2,067.33	9	2,427.46	9	2,787.56	9	3,147.01	9	3,505.19
1/4	274.19	1/4	634.39	1/4	994.48	1/4	1,354.42	1/4	1,714.63	1/4	2,074.84	1/4	2,434.96	1/4	2,795.05	1/4	3,154.47	1/4	3,509.66
1/2	281.70	1/2	641.89	1/2	1,001.98	1/2	1,361.93	1/2	1,722.14	1/2	2,082.34	1/2	2,442.46	1/2	2,802.54	1/2	3,161.92	1/2	3,514.13
3/4	289.20	3/4	649.40	3/4	1,009.47	3/4	1,369.43	3/4	1,729.64	3/4	2,089.84	3/4	2,449.97	3/4	2,810.03	3/4	3,169.38	3/4	3,518.60
10	296.71	10	656.90	10	1,016.97	10	1,376.94	10	1,737.15	10	2,097.34	10	2,457.47	10	2,817.52	10	3,176.84	10	3,523.06
1/4	304.21	1/4	664.41	1/4	1,024.46	1/4	1,384.44	1/4	1,744.65	1/4	2,104.85	1/4	2,464.97	1/4	2,825.01	1/4	3,184.30	1/4	3,527.10
1/2	311.71	1/2	671.91	1/2	1,031.96	1/2	1,391.94	1/2	1,752.16	1/2	2,112.35	1/2	2,472.47	1/2	2,832.49	1/2	3,191.75	1/2	3,531.14
3/4	319.22	3/4	679.41	3/4	1,039.45	3/4	1,399.45	3/4	1,759.66	3/4	2,119.85	3/4	2,479.98	3/4	2,839.98	3/4	3,199.21	3/4	3,535.18
11	326.72	11	686.92	11	1,046.95	11	1,406.95	11	1,767.16	11	2,127.35	11	2,487.48	11	2,847.47	11	3,206.66	11	3,539.21
1/4	334.23	1/4	694.42	1/4	1,054.44	1/4	1,414.46	1/4	1,774.67	1/4	2,134.86	1/4	2,494.98	1/4	2,854.96	1/4	3,214.11	1/4	3,543.25
1/2	341.73	1/2	701.93	1/2	1,061.94	1/2	1,421.96	1/2	1,782.17	1/2	2,142.36	1/2	2,502.48	1/2	2,862.45	1/2	3,221.57	1/2	3,547.29
3/4	349.23	3/4	709.43	3/4	1,069.43	3/4	1,429.47	3/4	1,789.68	3/4	2,149.86	3/4	2,509.99	3/4	2,869.94	3/4	3,229.02	3/4	3,551.33

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 LIP OF 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 55'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "DBL 321"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,555.37	0	3,749.17	0	3,938.93	0	4,121.60	0	4,296.42	0		0		0		0		0	
1/4	3,559.40	1/4	3,753.19	1/4	3,942.80	1/4	4,125.33	1/4	4,299.94	1/4		1/4		1/4		1/4		1/4	
1/2	3,563.44	1/2	3,757.21	1/2	3,946.68	1/2	4,129.05	1/2	4,303.47	1/2		1/2		1/2		1/2		1/2	
3/4	3,567.48	3/4	3,761.23	3/4	3,950.55	3/4	4,132.78	3/4	4,306.99	3/4		3/4		3/4		3/4		3/4	
1	3,571.52	1	3,765.25	1	3,954.42	1	4,136.51	1	4,310.52	1		1		1		1		1	
1/4	3,575.56	1/4	3,769.26	1/4	3,958.29	1/4	4,140.21	1/4	4,314.03	1/4		1/4		1/4		1/4		1/4	
1/2	3,579.59	1/2	3,773.27	1/2	3,962.15	1/2	4,143.91	1/2	4,317.54	1/2		1/2		1/2		1/2		1/2	
3/4	3,583.63	3/4	3,777.28	3/4	3,966.01	3/4	4,147.61	3/4	4,321.05	3/4		3/4		3/4		3/4		3/4	
2	3,587.67	2	3,781.29	2	3,969.87	2	4,151.31	2	4,324.57	2		2		2		2		2	
1/4	3,591.71	1/4	3,785.28	1/4	3,973.72	1/4	4,154.99	1/4	4,328.07	1/4		1/4		1/4		1/4		1/4	
1/2	3,595.75	1/2	3,789.28	1/2	3,977.57	1/2	4,158.68	1/2	4,331.57	1/2		1/2		1/2		1/2		1/2	
3/4	3,599.78	3/4	3,793.28	3/4	3,981.42	3/4	4,162.37	3/4	4,335.07	3/4		3/4		3/4		3/4		3/4	
3	3,603.82	3	3,797.27	3	3,985.26	3	4,166.05	3	4,338.57	3		3		3		3		3	
1/4	3,607.86	1/4	3,801.26	1/4	3,989.10	1/4	4,169.73	1/4	4,342.06	1/4		1/4		1/4		1/4		1/4	
1/2	3,611.90	1/2	3,805.24	1/2	3,992.94	1/2	4,173.40	1/2	4,345.54	1/2		1/2		1/2		1/2		1/2	
3/4	3,615.94	3/4	3,809.23	3/4	3,996.77	3/4	4,177.08	3/4	4,349.03	3/4		3/4		3/4		3/4		3/4	
4	3,619.97	4	3,813.21	4	4,000.61	4	4,180.75	4	4,352.52	4		4		4		4		4	
1/4	3,624.01	1/4	3,817.18	1/4	4,004.43	1/4	4,184.41	1/4	4,356.00	1/4		1/4		1/4		1/4		1/4	
1/2	3,628.05	1/2	3,821.15	1/2	4,008.26	1/2	4,188.07	1/2	4,359.47	1/2		1/2		1/2		1/2		1/2	
3/4	3,632.09	3/4	3,825.13	3/4	4,012.08	3/4	4,191.74	3/4	4,362.95	3/4		3/4		3/4		3/4		3/4	
5	3,636.13	5	3,829.10	5	4,015.91	5	4,195.40	5	4,366.42	5		5		5		5		5	
1/4	3,640.16	1/4	3,833.06	1/4	4,019.72	1/4	4,199.05	1/4	4,370.21	1/4		1/4		1/4		1/4		1/4	
1/2	3,644.20	1/2	3,837.02	1/2	4,023.53	1/2	4,202.70	1/2	4,374.00	1/2		1/2		1/2		1/2		1/2	
3/4	3,648.24	3/4	3,840.98	3/4	4,027.34	3/4	4,206.35	3/4	4,377.78	3/4		3/4		3/4		3/4		3/4	
6	3,652.28	6	3,844.94	6	4,031.15	6	4,210.00	6	4,381.57	6		6		6		6		6	
1/4	3,656.32	1/4	3,848.88	1/4	4,034.95	1/4	4,213.63	1/4	4,384.44	1/4		1/4		1/4		1/4		1/4	
1/2	3,660.35	1/2	3,852.83	1/2	4,038.75	1/2	4,217.27	1/2	4,387.31	1/2		1/2		1/2		1/2		1/2	
3/4	3,664.39	3/4	3,856.78	3/4	4,042.55	3/4	4,220.91	3/4	4,390.18	3/4		3/4		3/4		3/4		3/4	
7	3,668.43	7	3,860.73	7	4,046.35	7	4,224.55	7	4,393.06	7		7		7		7		7	
1/4	3,672.47	1/4	3,864.66	1/4	4,050.14	1/4	4,228.17	1/4	4,394.71	1/4		1/4		1/4		1/4		1/4	
1/2	3,676.51	1/2	3,868.59	1/2	4,053.93	1/2	4,231.80	1/2	4,396.36	1/2		1/2		1/2		1/2		1/2	
3/4	3,680.54	3/4	3,872.53	3/4	4,057.71	3/4	4,235.42	3/4	4,398.02	3/4		3/4		3/4		3/4		3/4	
8	3,684.58	8	3,876.46	8	4,061.50	8	4,239.05	8	4,399.67	8		8		8		8		8	
1/4	3,688.62	1/4	3,880.39	1/4	4,065.28	1/4	4,242.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,692.66	1/2	3,884.31	1/2	4,069.05	1/2	4,246.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,696.70	3/4	3,888.23	3/4	4,072.82	3/4	4,249.88	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,700.73	9	3,892.16	9	4,076.60	9	4,253.50	9		9		9		9		9		9	
1/4	3,704.77	1/4	3,896.07	1/4	4,080.36	1/4	4,257.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,708.81	1/2	3,899.98	1/2	4,084.12	1/2	4,260.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,712.85	3/4	3,903.89	3/4	4,087.89	3/4	4,264.30	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,716.89	10	3,907.80	10	4,091.65	10	4,267.90	10		10		10		10		10		10	
1/4	3,720.92	1/4	3,911.69	1/4	4,095.40	1/4	4,271.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,724.96	1/2	3,915.59	1/2	4,099.15	1/2	4,275.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,729.00	3/4	3,919.49	3/4	4,102.90	3/4	4,278.66	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,733.04	11	3,923.39	11	4,106.65	11	4,282.25	11		11		11		11		11		11	
1/4	3,737.07	1/4	3,927.27	1/4	4,110.39	1/4	4,285.79	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,741.10	1/2	3,931.16	1/2	4,114.13	1/2	4,289.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,745.14	3/4	3,935.05	3/4	4,117.87	3/4	4,292.88	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/05/2022 JS
CALCULATED: 12/05/2022 CL
PRINTED: 12/06/2022 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2022

PRECISION MEASUREMENT
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BARGE "DBL 321"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09"

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	21.22	0	355.72	0	714.85	0	1,062.43	0	1,414.98	0	1,773.49	0	2,132.49	0	2,491.44	0	2,850.19	0	3,207.89
1/4	25.43	1/4	363.20	1/4	722.33	1/4	1,069.58	1/4	1,422.40	1/4	1,780.97	1/4	2,139.97	1/4	2,498.91	1/4	2,857.66	1/4	3,215.32
1/2	29.65	1/2	370.68	1/2	729.81	1/2	1,076.72	1/2	1,429.82	1/2	1,788.45	1/2	2,147.45	1/2	2,506.39	1/2	2,865.12	1/2	3,222.75
3/4	33.86	3/4	378.16	3/4	737.29	3/4	1,083.87	3/4	1,437.24	3/4	1,795.93	3/4	2,154.93	3/4	2,513.87	3/4	2,872.59	3/4	3,230.18
1	38.08	1	385.64	1	744.78	1	1,091.01	1	1,444.65	1	1,803.41	1	2,162.40	1	2,521.35	1	2,880.05	1	3,237.61
1/4	43.53	1/4	393.13	1/4	752.26	1/4	1,098.15	1/4	1,452.07	1/4	1,810.89	1/4	2,169.88	1/4	2,528.83	1/4	2,887.51	1/4	3,245.04
1/2	48.98	1/2	400.61	1/2	759.74	1/2	1,105.30	1/2	1,459.49	1/2	1,818.37	1/2	2,177.36	1/2	2,536.30	1/2	2,894.96	1/2	3,252.47
3/4	54.44	3/4	408.09	3/4	767.22	3/4	1,112.44	3/4	1,466.91	3/4	1,825.85	3/4	2,184.84	3/4	2,543.78	3/4	2,902.42	3/4	3,259.90
2	59.89	2	415.57	2	774.70	2	1,119.59	2	1,474.33	2	1,833.33	2	2,192.32	2	2,551.26	2	2,909.88	2	3,267.32
1/4	66.58	1/4	423.05	1/4	782.19	1/4	1,126.73	1/4	1,481.80	1/4	1,840.81	1/4	2,199.79	1/4	2,558.74	1/4	2,917.34	1/4	3,274.75
1/2	73.28	1/2	430.54	1/2	789.67	1/2	1,133.88	1/2	1,489.27	1/2	1,848.28	1/2	2,207.27	1/2	2,566.22	1/2	2,924.79	1/2	3,282.18
3/4	79.97	3/4	438.02	3/4	797.15	3/4	1,141.02	3/4	1,496.74	3/4	1,855.76	3/4	2,214.75	3/4	2,573.69	3/4	2,932.25	3/4	3,289.61
3	86.66	3	445.50	3	804.63	3	1,148.17	3	1,504.21	3	1,863.24	3	2,222.23	3	2,581.17	3	2,939.70	3	3,297.04
1/4	94.06	1/4	452.98	1/4	811.86	1/4	1,155.56	1/4	1,511.69	1/4	1,870.72	1/4	2,229.71	1/4	2,588.65	1/4	2,947.16	1/4	3,304.49
1/2	101.47	1/2	460.46	1/2	819.10	1/2	1,162.95	1/2	1,519.17	1/2	1,878.20	1/2	2,237.18	1/2	2,596.13	1/2	2,954.62	1/2	3,311.93
3/4	108.87	3/4	467.95	3/4	826.33	3/4	1,170.35	3/4	1,526.65	3/4	1,885.68	3/4	2,244.66	3/4	2,603.60	3/4	2,962.07	3/4	3,319.37
4	116.27	4	475.43	4	833.56	4	1,177.74	4	1,534.13	4	1,893.16	4	2,252.14	4	2,611.08	4	2,969.53	4	3,326.82
1/4	123.76	1/4	482.91	1/4	840.74	1/4	1,185.14	1/4	1,541.61	1/4	1,900.64	1/4	2,259.62	1/4	2,618.56	1/4	2,976.99	1/4	3,334.26
1/2	131.25	1/2	490.39	1/2	847.91	1/2	1,192.54	1/2	1,549.09	1/2	1,908.12	1/2	2,267.10	1/2	2,626.03	1/2	2,984.44	1/2	3,341.71
3/4	138.73	3/4	497.87	3/4	855.09	3/4	1,199.95	3/4	1,556.57	3/4	1,915.60	3/4	2,274.57	3/4	2,633.51	3/4	2,991.90	3/4	3,349.15
5	146.22	5	505.36	5	862.26	5	1,207.35	5	1,564.05	5	1,923.08	5	2,282.05	5	2,640.99	5	2,999.35	5	3,356.60
1/4	153.70	1/4	512.84	1/4	869.43	1/4	1,214.75	1/4	1,571.53	1/4	1,930.56	1/4	2,289.53	1/4	2,648.46	1/4	3,006.81	1/4	3,364.04
1/2	161.19	1/2	520.32	1/2	876.60	1/2	1,222.15	1/2	1,579.01	1/2	1,938.04	1/2	2,297.01	1/2	2,655.94	1/2	3,014.27	1/2	3,371.49
3/4	168.67	3/4	527.80	3/4	883.77	3/4	1,229.55	3/4	1,586.49	3/4	1,945.52	3/4	2,304.49	3/4	2,663.42	3/4	3,021.72	3/4	3,378.93
6	176.15	6	535.28	6	890.94	6	1,236.95	6	1,593.97	6	1,953.00	6	2,311.96	6	2,670.89	6	3,029.18	6	3,386.38
1/4	183.63	1/4	542.76	1/4	898.09	1/4	1,244.37	1/4	1,601.45	1/4	1,960.48	1/4	2,319.44	1/4	2,678.37	1/4	3,036.64	1/4	3,393.82
1/2	191.12	1/2	550.25	1/2	905.24	1/2	1,251.79	1/2	1,608.93	1/2	1,967.96	1/2	2,326.92	1/2	2,685.85	1/2	3,044.09	1/2	3,401.27
3/4	198.60	3/4	557.73	3/4	912.39	3/4	1,259.20	3/4	1,616.41	3/4	1,975.44	3/4	2,334.40	3/4	2,693.32	3/4	3,051.55	3/4	3,408.71
7	206.08	7	565.21	7	919.54	7	1,266.62	7	1,623.89	7	1,982.92	7	2,341.88	7	2,700.80	7	3,059.01	7	3,416.16
1/4	213.56	1/4	572.69	1/4	926.69	1/4	1,274.04	1/4	1,631.37	1/4	1,990.40	1/4	2,349.35	1/4	2,708.28	1/4	3,066.47	1/4	3,423.60
1/2	221.04	1/2	580.17	1/2	933.83	1/2	1,281.46	1/2	1,638.85	1/2	1,997.88	1/2	2,356.83	1/2	2,715.75	1/2	3,073.93	1/2	3,431.05
3/4	228.52	3/4	587.66	3/4	940.98	3/4	1,288.87	3/4	1,646.33	3/4	2,005.36	3/4	2,364.31	3/4	2,723.23	3/4	3,081.40	3/4	3,438.49
8	236.01	8	595.14	8	948.12	8	1,296.29	8	1,653.81	8	2,012.84	8	2,371.79	8	2,730.71	8	3,088.86	8	3,445.94
1/4	243.49	1/4	602.62	1/4	955.26	1/4	1,303.71	1/4	1,661.29	1/4	2,020.32	1/4	2,379.27	1/4	2,738.19	1/4	3,096.32	1/4	3,453.39
1/2	250.97	1/2	610.10	1/2	962.41	1/2	1,311.13	1/2	1,668.77	1/2	2,027.80	1/2	2,386.74	1/2	2,745.66	1/2	3,103.79	1/2	3,460.83
3/4	258.45	3/4	617.58	3/4	969.55	3/4	1,318.55	3/4	1,676.25	3/4	2,035.28	3/4	2,394.22	3/4	2,753.14	3/4	3,111.25	3/4	3,468.28
9	265.93	9	625.07	9	976.70	9	1,325.96	9	1,683.73	9	2,042.76	9	2,401.70	9	2,760.62	9	3,118.71	9	3,475.72
1/4	273.42	1/4	632.55	1/4	983.84	1/4	1,333.38	1/4	1,691.21	1/4	2,050.23	1/4	2,409.18	1/4	2,768.09	1/4	3,126.15	1/4	3,483.17
1/2	280.90	1/2	640.03	1/2	990.99	1/2	1,340.80	1/2	1,698.69	1/2	2,057.71	1/2	2,416.66	1/2	2,775.55	1/2	3,133.58	1/2	3,484.61
3/4	288.38	3/4	647.51	3/4	998.13	3/4	1,348.22	3/4	1,706.17	3/4	2,065.19	3/4	2,424.13	3/4	2,783.02	3/4	3,141.02	3/4	3,489.06
10	295.86	10	654.99	10	1,005.28	10	1,355.64	10	1,713.65	10	2,072.67	10	2,431.61	10	2,790.48	10	3,148.45	10	3,493.50
1/4	303.34	1/4	662.48	1/4	1,012.42	1/4	1,363.05	1/4	1,721.13	1/4	2,080.15	1/4	2,439.09	1/4	2,797.95	1/4	3,155.88	1/4	3,497.52
1/2	310.83	1/2	669.96	1/2	1,019.57	1/2	1,370.47	1/2	1,728.61	1/2	2,087.62	1/2	2,446.57	1/2	2,805.41	1/2	3,163.31	1/2	3,501.54
3/4	318.31	3/4	677.44	3/4	1,026.71	3/4	1,377.89	3/4	1,736.09	3/4	2,095.10	3/4	2,454.05	3/4	2,812.87	3/4	3,170.74	3/4	3,505.55
11	325.79	11	684.92	11	1,033.85	11	1,385.31	11	1,743.57	11	2,102.58	11	2,461.52	11	2,820.34	11	3,178.17	11	3,509.57
1/4	333.27	1/4	692.40	1/4	1,041.00	1/4	1,392.73	1/4	1,751.05	1/4	2,110.06	1/4	2,469.00	1/4	2,827.80	1/4	3,185.60	1/4	3,513.59
1/2	340.75	1/2	699.88	1/2	1,048.14	1/2	1,400.14	1/2	1,758.53	1/2	2,117.54	1/2	2,476.48	1/2	2,835.27	1/2	3,193.03	1/2	3,517.60
3/4	348.24	3/4	707.37	3/4	1,055.29	3/4	1,407.56	3/4	1,766.01	3/4	2,125.01	3/4	2,483.96	3/4	2,842.73	3/4	3,200.46	3/4	3,521.62

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 LIP OF 2" DIAMETER "HERMETIC" VALVE.

GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 55'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "DBL 321"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09"

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	3,525.64	0	3,718.41	0	3,907.15	0	4,088.81	0	4,262.62	0		0		0		0		0	
1/4	3,529.65	1/4	3,722.41	1/4	3,911.01	1/4	4,092.52	1/4	4,266.12	1/4		1/4		1/4		1/4		1/4	
1/2	3,533.67	1/2	3,726.41	1/2	3,914.86	1/2	4,096.22	1/2	4,269.63	1/2		1/2		1/2		1/2		1/2	
3/4	3,537.69	3/4	3,730.41	3/4	3,918.71	3/4	4,099.93	3/4	4,273.13	3/4		3/4		3/4		3/4		3/4	
1	3,541.70	1	3,734.41	1	3,922.56	1	4,103.63	1	4,276.63	1		1		1		1		1	
1/4	3,545.72	1/4	3,738.40	1/4	3,926.40	1/4	4,107.31	1/4	4,280.13	1/4		1/4		1/4		1/4		1/4	
1/2	3,549.74	1/2	3,742.39	1/2	3,930.24	1/2	4,110.99	1/2	4,283.62	1/2		1/2		1/2		1/2		1/2	
3/4	3,553.75	3/4	3,746.37	3/4	3,934.08	3/4	4,114.67	3/4	4,287.11	3/4		3/4		3/4		3/4		3/4	
2	3,557.77	2	3,750.36	2	3,937.92	2	4,118.35	2	4,290.60	2		2		2		2		2	
1/4	3,561.79	1/4	3,754.34	1/4	3,941.75	1/4	4,122.01	1/4	4,294.08	1/4		1/4		1/4		1/4		1/4	
1/2	3,565.80	1/2	3,758.31	1/2	3,945.58	1/2	4,125.68	1/2	4,297.56	1/2		1/2		1/2		1/2		1/2	
3/4	3,569.82	3/4	3,762.29	3/4	3,949.40	3/4	4,129.34	3/4	4,301.04	3/4		3/4		3/4		3/4		3/4	
3	3,573.83	3	3,766.26	3	3,953.23	3	4,133.01	3	4,304.52	3		3		3		3		3	
1/4	3,577.85	1/4	3,770.23	1/4	3,957.05	1/4	4,136.66	1/4	4,307.99	1/4		1/4		1/4		1/4		1/4	
1/2	3,581.87	1/2	3,774.19	1/2	3,960.86	1/2	4,140.32	1/2	4,311.45	1/2		1/2		1/2		1/2		1/2	
3/4	3,585.88	3/4	3,778.15	3/4	3,964.68	3/4	4,143.97	3/4	4,314.92	3/4		3/4		3/4		3/4		3/4	
4	3,589.90	4	3,782.11	4	3,968.49	4	4,147.62	4	4,318.39	4		4		4		4		4	
1/4	3,593.92	1/4	3,786.06	1/4	3,972.30	1/4	4,151.26	1/4	4,321.84	1/4		1/4		1/4		1/4		1/4	
1/2	3,597.93	1/2	3,790.01	1/2	3,976.10	1/2	4,154.90	1/2	4,325.30	1/2		1/2		1/2		1/2		1/2	
3/4	3,601.95	3/4	3,793.97	3/4	3,979.90	3/4	4,158.55	3/4	4,328.75	3/4		3/4		3/4		3/4		3/4	
5	3,605.97	5	3,797.92	5	3,983.71	5	4,162.19	5	4,332.21	5		5		5		5		5	
1/4	3,609.98	1/4	3,801.85	1/4	3,987.50	1/4	4,165.81	1/4	4,335.97	1/4		1/4		1/4		1/4		1/4	
1/2	3,614.00	1/2	3,805.79	1/2	3,991.29	1/2	4,169.44	1/2	4,339.74	1/2		1/2		1/2		1/2		1/2	
3/4	3,618.02	3/4	3,809.73	3/4	3,995.08	3/4	4,173.07	3/4	4,343.50	3/4		3/4		3/4		3/4		3/4	
6	3,622.03	6	3,813.67	6	3,998.87	6	4,176.70	6	4,347.27	6		6		6		6		6	
1/4	3,626.05	1/4	3,817.59	1/4	4,002.65	1/4	4,180.32	1/4	4,350.12	1/4		1/4		1/4		1/4		1/4	
1/2	3,630.07	1/2	3,821.52	1/2	4,006.42	1/2	4,183.93	1/2	4,352.97	1/2		1/2		1/2		1/2		1/2	
3/4	3,634.08	3/4	3,825.45	3/4	4,010.20	3/4	4,187.55	3/4	4,355.83	3/4		3/4		3/4		3/4		3/4	
7	3,638.10	7	3,829.37	7	4,013.98	7	4,191.17	7	4,358.68	7		7		7		7		7	
1/4	3,642.12	1/4	3,833.29	1/4	4,017.75	1/4	4,194.77	1/4	4,360.31	1/4		1/4		1/4		1/4		1/4	
1/2	3,646.13	1/2	3,837.20	1/2	4,021.51	1/2	4,198.37	1/2	4,361.95	1/2		1/2		1/2		1/2		1/2	
3/4	3,650.15	3/4	3,841.11	3/4	4,025.28	3/4	4,201.98	3/4	4,363.58	3/4		3/4		3/4		3/4		3/4	
8	3,654.17	8	3,845.03	8	4,029.05	8	4,205.58	8	4,365.22	8		8		8		8		8	
1/4	3,658.18	1/4	3,848.93	1/4	4,032.80	1/4	4,209.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,662.20	1/2	3,852.83	1/2	4,036.55	1/2	4,212.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,666.22	3/4	3,856.73	3/4	4,040.31	3/4	4,216.36	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,670.23	9	3,860.63	9	4,044.06	9	4,219.95	9		9		9		9		9		9	
1/4	3,674.25	1/4	3,864.52	1/4	4,047.80	1/4	4,223.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,678.27	1/2	3,868.41	1/2	4,051.54	1/2	4,227.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,682.28	3/4	3,872.30	3/4	4,055.29	3/4	4,230.69	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,686.30	10	3,876.19	10	4,059.03	10	4,234.27	10		10		10		10		10		10	
1/4	3,690.32	1/4	3,880.07	1/4	4,062.76	1/4	4,237.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,694.33	1/2	3,883.94	1/2	4,066.49	1/2	4,241.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,698.35	3/4	3,887.82	3/4	4,070.21	3/4	4,244.97	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,702.37	11	3,891.70	11	4,073.94	11	4,248.53	11		11		11		11		11		11	
1/4	3,706.38	1/4	3,895.56	1/4	4,077.66	1/4	4,252.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,710.39	1/2	3,899.42	1/2	4,081.38	1/2	4,255.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,714.40	3/4	3,903.29	3/4	4,085.09	3/4	4,259.10	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/05/2022 JS
CALCULATED: 12/05/2022 CL
PRINTED: 12/06/2022 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2022

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "DBL 321"

SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 5'-05 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	577	0	1,155	0	1,732	0	2,310	0		0							
1/4	12	1/4	589	1/4	1,167	1/4	1,744	1/4	2,322	1/4		1/4		1/4					1/4
1/2	24	1/2	601	1/2	1,179	1/2	1,756	1/2	2,334	1/2		1/2		1/2					1/2
3/4	36	3/4	613	3/4	1,191	3/4	1,768	3/4	2,346	3/4		3/4		3/4					3/4
1	48	1	626	1	1,203	1	1,780	1	2,358	1		1		1					1
1/4	60	1/4	638	1/4	1,215	1/4	1,792	1/4	2,370	1/4		1/4		1/4					1/4
1/2	72	1/2	650	1/2	1,227	1/2	1,804	1/2	2,382	1/2		1/2		1/2					1/2
3/4	84	3/4	662	3/4	1,239	3/4	1,816	3/4	2,394	3/4		3/4		3/4					3/4
2	96	2	674	2	1,251	2	1,828	2	2,406	2		2		2					2
1/4	108	1/4	686	1/4	1,263	1/4	1,840	1/4	2,418	1/4		1/4		1/4					1/4
1/2	120	1/2	698	1/2	1,275	1/2	1,852	1/2	2,430	1/2		1/2		1/2					1/2
3/4	132	3/4	710	3/4	1,287	3/4	1,865	3/4	2,442	3/4		3/4		3/4					3/4
3	144	3	722	3	1,299	3	1,877	3	2,454	3		3		3					3
1/4	156	1/4	734	1/4	1,311	1/4	1,889	1/4	2,466	1/4		1/4		1/4					1/4
1/2	168	1/2	746	1/2	1,323	1/2	1,901	1/2	2,478	1/2		1/2		1/2					1/2
3/4	180	3/4	758	3/4	1,335	3/4	1,913	3/4	2,490	3/4		3/4		3/4					3/4
4	192	4	770	4	1,347	4	1,925	4	2,502	4		4		4					4
1/4	204	1/4	782	1/4	1,359	1/4	1,937	1/4	2,514	1/4		1/4		1/4					1/4
1/2	217	1/2	794	1/2	1,371	1/2	1,949	1/2	2,526	1/2		1/2		1/2					1/2
3/4	229	3/4	806	3/4	1,383	3/4	1,961	3/4	2,538	3/4		3/4		3/4					3/4
5	241	5	818	5	1,395	5	1,973	5	2,550	5		5		5					5
1/4	253	1/4	830	1/4	1,407	1/4	1,985	1/4	2,562	1/4		1/4		1/4					1/4
1/2	265	1/2	842	1/2	1,419	1/2	1,997	1/2	2,574	1/2		1/2		1/2					1/2
3/4	277	3/4	854	3/4	1,431	3/4	2,009	3/4	2,586	3/4		3/4		3/4					3/4
6	289	6	866	6	1,444	6	2,021	6	2,598	6		6		6					6
1/4	301	1/4	878	1/4	1,456	1/4	2,033	1/4		1/4		1/4		1/4					1/4
1/2	313	1/2	890	1/2	1,468	1/2	2,045	1/2		1/2		1/2		1/2					1/2
3/4	325	3/4	902	3/4	1,480	3/4	2,057	3/4		3/4		3/4		3/4					3/4
7	337	7	914	7	1,492	7	2,069	7		7		7		7					7
1/4	349	1/4	926	1/4	1,504	1/4	2,081	1/4		1/4		1/4		1/4					1/4
1/2	361	1/2	938	1/2	1,516	1/2	2,093	1/2		1/2		1/2		1/2					1/2
3/4	373	3/4	950	3/4	1,528	3/4	2,105	3/4		3/4		3/4		3/4					3/4
8	385	8	962	8	1,540	8	2,117	8		8		8		8					8
1/4	397	1/4	974	1/4	1,552	1/4	2,129	1/4		1/4		1/4		1/4					1/4
1/2	409	1/2	986	1/2	1,564	1/2	2,141	1/2		1/2		1/2		1/2					1/2
3/4	421	3/4	998	3/4	1,576	3/4	2,153	3/4		3/4		3/4		3/4					3/4
9	433	9	1,010	9	1,588	9	2,165	9		9		9		9					9
1/4	445	1/4	1,022	1/4	1,600	1/4	2,177	1/4		1/4		1/4		1/4					1/4
1/2	457	1/2	1,035	1/2	1,612	1/2	2,189	1/2		1/2		1/2		1/2					1/2
3/4	469	3/4	1,047	3/4	1,624	3/4	2,201	3/4		3/4		3/4		3/4					3/4
10	481	10	1,059	10	1,636	10	2,213	10		10		10		10					10
1/4	493	1/4	1,071	1/4	1,648	1/4	2,225	1/4		1/4		1/4		1/4					1/4
1/2	505	1/2	1,083	1/2	1,660	1/2	2,237	1/2		1/2		1/2		1/2					1/2
3/4	517	3/4	1,095	3/4	1,672	3/4	2,249	3/4		3/4		3/4		3/4					3/4
11	529	11	1,107	11	1,684	11	2,261	11		11		11		11					11
1/4	541	1/4	1,119	1/4	1,696	1/4	2,274	1/4		1/4		1/4		1/4					1/4
1/2	553	1/2	1,131	1/2	1,708	1/2	2,286	1/2		1/2		1/2		1/2					1/2
3/4	565	3/4	1,143	3/4	1,720	3/4	2,298	3/4		3/4		3/4		3/4					3/4

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CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.

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



BARGE "DBL 321"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 4'-00 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	108	0	275	0	439	0		0		0		0		0		0	
1/4	1	1/4	111	1/4	278	1/4	442	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1	1/2	114	1/2	282	1/2	445	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2	3/4	117	3/4	286	3/4	448	3/4		3/4		3/4		3/4		3/4		3/4	
1	3	1	121	1	289	1	451	1		1		1		1		1		1	
1/4	4	1/4	124	1/4	293	1/4	454	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5	1/2	127	1/2	296	1/2	457	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	7	3/4	130	3/4	300	3/4	460	3/4		3/4		3/4		3/4		3/4		3/4	
2	8	2	134	2	304	2	463	2		2		2		2		2		2	
1/4	10	1/4	137	1/4	307	1/4	465	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	11	1/2	140	1/2	311	1/2	468	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	13	3/4	144	3/4	314	3/4	471	3/4		3/4		3/4		3/4		3/4		3/4	
3	14	3	147	3	318	3	474	3		3		3		3		3		3	
1/4	16	1/4	151	1/4	321	1/4	476	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	18	1/2	154	1/2	325	1/2	479	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	20	3/4	157	3/4	329	3/4	481	3/4		3/4		3/4		3/4		3/4		3/4	
4	22	4	161	4	332	4	484	4		4		4		4		4		4	
1/4	24	1/4	164	1/4	336	1/4	486	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	26	1/2	168	1/2	339	1/2	489	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	171	3/4	343	3/4	491	3/4		3/4		3/4		3/4		3/4		3/4	
5	31	5	175	5	346	5	494	5		5		5		5		5		5	
1/4	33	1/4	178	1/4	350	1/4	496	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	35	1/2	182	1/2	353	1/2	498	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	38	3/4	185	3/4	357	3/4	501	3/4		3/4		3/4		3/4		3/4		3/4	
6	40	6	189	6	360	6	503	6		6		6		6		6		6	
1/4	42	1/4	192	1/4	364	1/4	505	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	45	1/2	196	1/2	367	1/2	507	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	47	3/4	199	3/4	371	3/4	509	3/4		3/4		3/4		3/4		3/4		3/4	
7	50	7	203	7	374	7	511	7		7		7		7		7		7	
1/4	53	1/4	206	1/4	377	1/4	513	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	55	1/2	210	1/2	381	1/2	515	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	58	3/4	213	3/4	384	3/4	517	3/4		3/4		3/4		3/4		3/4		3/4	
8	60	8	217	8	388	8	519	8		8		8		8		8		8	
1/4	63	1/4	221	1/4	391	1/4	520	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	66	1/2	224	1/2	394	1/2	522	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	69	3/4	228	3/4	398	3/4	523	3/4		3/4		3/4		3/4		3/4		3/4	
9	72	9	231	9	401	9	525	9		9		9		9		9		9	
1/4	75	1/4	235	1/4	404	1/4	526	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	77	1/2	239	1/2	407	1/2	527	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	80	3/4	242	3/4	411	3/4	528	3/4		3/4		3/4		3/4		3/4		3/4	
10	83	10	246	10	414	10	529	10		10		10		10		10		10	
1/4	86	1/4	249	1/4	417	1/4	530	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	89	1/2	253	1/2	420	1/2	531	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	92	3/4	257	3/4	423	3/4	531	3/4		3/4		3/4		3/4		3/4		3/4	
11	95	11	260	11	427	11		11		11		11		11		11		11	
1/4	98	1/4	264	1/4	430	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	102	1/2	267	1/2	433	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	105	3/4	271	3/4	436	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

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