



BARGE "DBL 322"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 6'-00"
 DIFF. = 4'-00" (DOWN BY STERN)

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

LENGTH BETWEEN DRAFT MARKS: 252'-09"

December 22, 2022

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "DBL 322"

1 PORT
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/4"

Table with 18 columns (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.) and 100 rows of capacity data.

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 43'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT & ANALYSIS, INC.
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Pearland, Texas 77588
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Signature of Paul Adams



BARGE "DBL 322"

1 PORT 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	3,631.61	0	3,995.04	0	4,350.90	0	4,693.49	0	5,021.30	0		0		0		0		0	
1/4	3,639.18	1/4	4,002.58	1/4	4,358.17	1/4	4,700.48	1/4	5,027.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,646.76	1/2	4,010.12	1/2	4,365.43	1/2	4,707.46	1/2	5,034.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,654.33	3/4	4,017.66	3/4	4,372.70	3/4	4,714.45	3/4	5,041.14	3/4		3/4		3/4		3/4		3/4	
1	3,661.90	1	4,025.20	1	4,379.96	1	4,721.44	1	5,047.75	1		1		1		1		1	
1/4	3,669.47	1/4	4,032.72	1/4	4,387.20	1/4	4,728.38	1/4	5,054.34	1/4		1/4		1/4		1/4		1/4	
1/2	3,677.04	1/2	4,040.24	1/2	4,394.44	1/2	4,735.32	1/2	5,060.93	1/2		1/2		1/2		1/2		1/2	
3/4	3,684.62	3/4	4,047.76	3/4	4,401.68	3/4	4,742.25	3/4	5,067.52	3/4		3/4		3/4		3/4		3/4	
2	3,692.19	2	4,055.28	2	4,408.92	2	4,749.19	2	5,074.11	2		2		2		2		2	
1/4	3,699.76	1/4	4,062.77	1/4	4,416.14	1/4	4,756.11	1/4	5,080.67	1/4		1/4		1/4		1/4		1/4	
1/2	3,707.33	1/2	4,070.26	1/2	4,423.36	1/2	4,763.02	1/2	5,087.24	1/2		1/2		1/2		1/2		1/2	
3/4	3,714.91	3/4	4,077.76	3/4	4,430.58	3/4	4,769.93	3/4	5,093.81	3/4		3/4		3/4		3/4		3/4	
3	3,722.48	3	4,085.25	3	4,437.79	3	4,776.84	3	5,100.37	3		3		3		3		3	
1/4	3,730.05	1/4	4,092.72	1/4	4,444.99	1/4	4,783.73	1/4	5,106.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,737.62	1/2	4,100.20	1/2	4,452.18	1/2	4,790.62	1/2	5,113.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,745.19	3/4	4,107.67	3/4	4,459.38	3/4	4,797.51	3/4	5,120.00	3/4		3/4		3/4		3/4		3/4	
4	3,752.77	4	4,115.14	4	4,466.57	4	4,804.40	4	5,126.54	4		4		4		4		4	
1/4	3,760.34	1/4	4,122.59	1/4	4,473.75	1/4	4,811.26	1/4	5,133.06	1/4		1/4		1/4		1/4		1/4	
1/2	3,767.91	1/2	4,130.04	1/2	4,480.92	1/2	4,818.13	1/2	5,139.58	1/2		1/2		1/2		1/2		1/2	
3/4	3,775.48	3/4	4,137.48	3/4	4,488.09	3/4	4,825.00	3/4	5,146.10	3/4		3/4		3/4		3/4		3/4	
5	3,783.06	5	4,144.93	5	4,495.26	5	4,831.86	5	5,152.62	5		5		5		5		5	
1/4	3,790.63	1/4	4,152.36	1/4	4,502.41	1/4	4,838.70	1/4	5,159.84	1/4		1/4		1/4		1/4		1/4	
1/2	3,798.20	1/2	4,159.78	1/2	4,509.56	1/2	4,845.55	1/2	5,167.06	1/2		1/2		1/2		1/2		1/2	
3/4	3,805.77	3/4	4,167.21	3/4	4,516.71	3/4	4,852.39	3/4	5,174.27	3/4		3/4		3/4		3/4		3/4	
6	3,813.34	6	4,174.63	6	4,523.86	6	4,859.23	6	5,181.49	6		6		6		6		6	
1/4	3,820.92	1/4	4,182.04	1/4	4,530.98	1/4	4,866.05	1/4	5,187.84	1/4		1/4		1/4		1/4		1/4	
1/2	3,828.49	1/2	4,189.44	1/2	4,538.11	1/2	4,872.87	1/2	5,194.19	1/2		1/2		1/2		1/2		1/2	
3/4	3,836.06	3/4	4,196.84	3/4	4,545.23	3/4	4,879.69	3/4	5,200.53	3/4		3/4		3/4		3/4		3/4	
7	3,843.63	7	4,204.24	7	4,552.36	7	4,886.51	7	5,206.88	7		7		7		7		7	
1/4	3,851.21	1/4	4,211.62	1/4	4,559.46	1/4	4,893.31	1/4	5,212.01	1/4		1/4		1/4		1/4		1/4	
1/2	3,858.78	1/2	4,219.00	1/2	4,566.56	1/2	4,900.11	1/2	5,217.15	1/2		1/2		1/2		1/2		1/2	
3/4	3,866.35	3/4	4,226.38	3/4	4,573.67	3/4	4,906.90	3/4	5,222.28	3/4		3/4		3/4		3/4		3/4	
8	3,873.92	8	4,233.76	8	4,580.77	8	4,913.70	8	5,227.41	8		8		8		8		8	
1/4	3,881.49	1/4	4,241.12	1/4	4,587.85	1/4	4,920.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,889.07	1/2	4,248.47	1/2	4,594.93	1/2	4,927.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,896.64	3/4	4,255.83	3/4	4,602.01	3/4	4,934.02	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,904.21	9	4,263.18	9	4,609.09	9	4,940.80	9		9		9		9		9		9	
1/4	3,911.78	1/4	4,270.52	1/4	4,616.14	1/4	4,947.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,919.36	1/2	4,277.85	1/2	4,623.20	1/2	4,954.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,926.93	3/4	4,285.18	3/4	4,630.26	3/4	4,961.05	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,934.50	10	4,292.52	10	4,637.31	10	4,967.81	10		10		10		10		10		10	
1/4	3,942.07	1/4	4,299.83	1/4	4,644.35	1/4	4,974.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,949.64	1/2	4,307.14	1/2	4,651.38	1/2	4,981.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,957.22	3/4	4,314.45	3/4	4,658.41	3/4	4,988.00	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,964.79	11	4,321.76	11	4,665.45	11	4,994.73	11		11		11		11		11		11	
1/4	3,972.35	1/4	4,329.04	1/4	4,672.46	1/4	5,001.37	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,979.92	1/2	4,336.33	1/2	4,679.47	1/2	5,008.02	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,987.48	3/4	4,343.62	3/4	4,686.48	3/4	5,014.66	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/22/2022 JS
CALCULATED: 12/22/2022 CL
PRINTED: 12/23/2022 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2022

PRECISION MEASUREMENT
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BARGE "DBL 322"

1 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	21.44	0	359.93	0	723.35	0	1,085.62	0	1,447.84	0	1,811.27	0	2,174.71	0	2,538.15	0	2,901.50	0	3,264.81
1/4	25.69	1/4	367.50	1/4	730.92	1/4	1,093.14	1/4	1,455.41	1/4	1,818.85	1/4	2,182.28	1/4	2,545.72	1/4	2,909.07	1/4	3,272.38
1/2	29.95	1/2	375.07	1/2	738.49	1/2	1,100.66	1/2	1,462.98	1/2	1,826.42	1/2	2,189.85	1/2	2,553.29	1/2	2,916.64	1/2	3,279.95
3/4	34.21	3/4	382.64	3/4	746.07	3/4	1,108.18	3/4	1,470.55	3/4	1,833.99	3/4	2,197.43	3/4	2,560.86	3/4	2,924.21	3/4	3,287.51
1	38.47	1	390.21	1	753.64	1	1,115.70	1	1,478.12	1	1,841.56	1	2,205.00	1	2,568.43	1	2,931.78	1	3,295.08
1/4	43.99	1/4	397.79	1/4	761.21	1/4	1,123.22	1/4	1,485.69	1/4	1,849.13	1/4	2,212.57	1/4	2,576.01	1/4	2,939.34	1/4	3,302.65
1/2	49.51	1/2	405.36	1/2	768.78	1/2	1,130.74	1/2	1,493.27	1/2	1,856.70	1/2	2,220.14	1/2	2,583.58	1/2	2,946.91	1/2	3,310.22
3/4	55.03	3/4	412.93	3/4	776.35	3/4	1,138.26	3/4	1,500.84	3/4	1,864.27	3/4	2,227.71	3/4	2,591.15	3/4	2,954.48	3/4	3,317.79
2	60.55	2	420.50	2	783.92	2	1,145.78	2	1,508.41	2	1,871.85	2	2,235.28	2	2,598.72	2	2,962.05	2	3,325.36
1/4	67.33	1/4	428.07	1/4	791.49	1/4	1,153.30	1/4	1,515.98	1/4	1,879.42	1/4	2,242.85	1/4	2,606.29	1/4	2,969.62	1/4	3,332.93
1/2	74.11	1/2	435.64	1/2	799.06	1/2	1,160.82	1/2	1,523.55	1/2	1,886.99	1/2	2,250.43	1/2	2,613.86	1/2	2,977.19	1/2	3,340.50
3/4	80.90	3/4	443.21	3/4	806.64	3/4	1,168.34	3/4	1,531.12	3/4	1,894.56	3/4	2,258.00	3/4	2,621.43	3/4	2,984.76	3/4	3,348.07
3	87.68	3	450.78	3	814.21	3	1,175.86	3	1,538.70	3	1,902.13	3	2,265.57	3	2,629.01	3	2,992.33	3	3,355.63
1/4	95.17	1/4	458.36	1/4	821.78	1/4	1,183.38	1/4	1,546.27	1/4	1,909.70	1/4	2,273.14	1/4	2,636.58	1/4	2,999.90	1/4	3,363.20
1/2	102.66	1/2	465.93	1/2	829.35	1/2	1,190.90	1/2	1,553.84	1/2	1,917.28	1/2	2,280.71	1/2	2,644.15	1/2	3,007.46	1/2	3,370.77
3/4	110.16	3/4	473.50	3/4	836.92	3/4	1,198.42	3/4	1,561.41	3/4	1,924.85	3/4	2,288.28	3/4	2,651.72	3/4	3,015.03	3/4	3,378.34
4	117.65	4	481.07	4	844.49	4	1,205.94	4	1,568.98	4	1,932.42	4	2,295.86	4	2,659.30	4	3,022.60	4	3,385.91
1/4	125.22	1/4	488.64	1/4	852.06	1/4	1,213.46	1/4	1,576.55	1/4	1,939.99	1/4	2,303.43	1/4	2,666.86	1/4	3,030.17	1/4	3,393.48
1/2	132.79	1/2	496.21	1/2	859.63	1/2	1,220.98	1/2	1,584.13	1/2	1,947.56	1/2	2,311.00	1/2	2,674.43	1/2	3,037.74	1/2	3,401.05
3/4	140.36	3/4	503.78	3/4	867.21	3/4	1,228.49	3/4	1,591.70	3/4	1,955.13	3/4	2,318.57	3/4	2,682.00	3/4	3,045.31	3/4	3,408.62
5	147.93	5	511.36	5	874.78	5	1,236.01	5	1,599.27	5	1,962.71	5	2,326.14	5	2,689.57	5	3,052.88	5	3,416.19
1/4	155.50	1/4	518.93	1/4	882.35	1/4	1,243.55	1/4	1,606.84	1/4	1,970.28	1/4	2,333.71	1/4	2,697.14	1/4	3,060.45	1/4	3,423.75
1/2	163.08	1/2	526.50	1/2	889.92	1/2	1,251.08	1/2	1,614.41	1/2	1,977.85	1/2	2,341.29	1/2	2,704.71	1/2	3,068.02	1/2	3,431.32
3/4	170.65	3/4	534.07	3/4	897.49	3/4	1,258.61	3/4	1,621.98	3/4	1,985.42	3/4	2,348.86	3/4	2,712.28	3/4	3,075.59	3/4	3,438.89
6	178.22	6	541.64	6	905.06	6	1,266.14	6	1,629.56	6	1,992.99	6	2,356.43	6	2,719.85	6	3,083.15	6	3,446.46
1/4	185.79	1/4	549.21	1/4	912.60	1/4	1,273.70	1/4	1,637.13	1/4	2,000.56	1/4	2,364.00	1/4	2,727.42	1/4	3,090.72	1/4	3,454.03
1/2	193.36	1/2	556.78	1/2	920.14	1/2	1,281.27	1/2	1,644.70	1/2	2,008.14	1/2	2,371.57	1/2	2,734.98	1/2	3,098.29	1/2	3,461.60
3/4	200.93	3/4	564.35	3/4	927.68	3/4	1,288.84	3/4	1,652.27	3/4	2,015.71	3/4	2,379.14	3/4	2,742.55	3/4	3,105.86	3/4	3,469.17
7	208.50	7	571.93	7	935.22	7	1,296.40	7	1,659.84	7	2,023.28	7	2,386.72	7	2,750.12	7	3,113.43	7	3,476.74
1/4	216.07	1/4	579.50	1/4	942.74	1/4	1,303.98	1/4	1,667.41	1/4	2,030.85	1/4	2,394.29	1/4	2,757.69	1/4	3,121.00	1/4	3,484.31
1/2	223.65	1/2	587.07	1/2	950.26	1/2	1,311.55	1/2	1,674.98	1/2	2,038.42	1/2	2,401.86	1/2	2,765.26	1/2	3,128.57	1/2	3,491.87
3/4	231.22	3/4	594.64	3/4	957.78	3/4	1,319.12	3/4	1,682.56	3/4	2,045.99	3/4	2,409.43	3/4	2,772.83	3/4	3,136.14	3/4	3,499.44
8	238.79	8	602.21	8	965.30	8	1,326.69	8	1,690.13	8	2,053.56	8	2,417.00	8	2,780.40	8	3,143.71	8	3,507.01
1/4	246.36	1/4	609.78	1/4	972.82	1/4	1,334.26	1/4	1,697.70	1/4	2,061.14	1/4	2,424.57	1/4	2,787.97	1/4	3,151.27	1/4	3,514.58
1/2	253.93	1/2	617.35	1/2	980.34	1/2	1,341.83	1/2	1,705.27	1/2	2,068.71	1/2	2,432.14	1/2	2,795.54	1/2	3,158.84	1/2	3,522.15
3/4	261.50	3/4	624.92	3/4	987.86	3/4	1,349.41	3/4	1,712.84	3/4	2,076.28	3/4	2,439.72	3/4	2,803.10	3/4	3,166.41	3/4	3,529.72
9	269.07	9	632.50	9	995.38	9	1,356.98	9	1,720.41	9	2,083.85	9	2,447.29	9	2,810.67	9	3,173.98	9	3,537.29
1/4	276.64	1/4	640.07	1/4	1,002.90	1/4	1,364.55	1/4	1,727.99	1/4	2,091.42	1/4	2,454.86	1/4	2,818.24	1/4	3,181.55	1/4	3,544.86
1/2	284.22	1/2	647.64	1/2	1,010.42	1/2	1,372.12	1/2	1,735.56	1/2	2,098.99	1/2	2,462.43	1/2	2,825.81	1/2	3,189.12	1/2	3,552.43
3/4	291.79	3/4	655.21	3/4	1,017.94	3/4	1,379.69	3/4	1,743.13	3/4	2,106.57	3/4	2,470.00	3/4	2,833.38	3/4	3,196.69	3/4	3,559.99
10	299.36	10	662.78	10	1,025.46	10	1,387.26	10	1,750.70	10	2,114.14	10	2,477.57	10	2,840.95	10	3,204.26	10	3,567.56
1/4	306.93	1/4	670.35	1/4	1,032.98	1/4	1,394.84	1/4	1,758.27	1/4	2,121.71	1/4	2,485.15	1/4	2,848.52	1/4	3,211.83	1/4	3,575.13
1/2	314.50	1/2	677.92	1/2	1,040.50	1/2	1,402.41	1/2	1,765.84	1/2	2,129.28	1/2	2,492.72	1/2	2,856.09	1/2	3,219.39	1/2	3,582.70
3/4	322.07	3/4	685.49	3/4	1,048.02	3/4	1,409.98	3/4	1,773.42	3/4	2,136.85	3/4	2,500.29	3/4	2,863.66	3/4	3,226.96	3/4	3,590.27
11	329.64	11	693.07	11	1,055.54	11	1,417.55	11	1,780.99	11	2,144.42	11	2,507.86	11	2,871.22	11	3,234.53	11	3,597.84
1/4	337.22	1/4	700.64	1/4	1,063.06	1/4	1,425.12	1/4	1,788.56	1/4	2,152.00	1/4	2,515.43	1/4	2,878.79	1/4	3,242.10	1/4	3,605.41
1/2	344.79	1/2	708.21	1/2	1,070.58	1/2	1,432.69	1/2	1,796.13	1/2	2,159.57	1/2	2,523.00	1/2	2,886.36	1/2	3,249.67	1/2	3,612.98
3/4	352.36	3/4	715.78	3/4	1,078.10	3/4	1,440.27	3/4	1,803.70	3/4	2,167.14	3/4	2,530.58	3/4	2,893.93	3/4	3,257.24	3/4	3,620.55

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 43'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "DBL 322"

**1 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GUAGE 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	3,628.11	0	3,991.38	0	4,347.09	0	4,689.54	0	5,017.24	0		0		0		0		0	
1/4	3,635.68	1/4	3,998.92	1/4	4,354.35	1/4	4,696.53	1/4	5,023.85	1/4		1/4		1/4		1/4		1/4	
1/2	3,643.25	1/2	4,006.45	1/2	4,361.61	1/2	4,703.51	1/2	5,030.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,650.82	3/4	4,013.99	3/4	4,368.87	3/4	4,710.50	3/4	5,037.07	3/4		3/4		3/4		3/4		3/4	
1	3,658.39	1	4,021.53	1	4,376.13	1	4,717.48	1	5,043.68	1		1		1		1		1	
1/4	3,665.96	1/4	4,029.04	1/4	4,383.37	1/4	4,724.42	1/4	5,050.27	1/4		1/4		1/4		1/4		1/4	
1/2	3,673.53	1/2	4,036.56	1/2	4,390.61	1/2	4,731.35	1/2	5,056.86	1/2		1/2		1/2		1/2		1/2	
3/4	3,681.10	3/4	4,044.07	3/4	4,397.85	3/4	4,738.29	3/4	5,063.44	3/4		3/4		3/4		3/4		3/4	
2	3,688.67	2	4,051.59	2	4,405.09	2	4,745.23	2	5,070.03	2		2		2		2		2	
1/4	3,696.23	1/4	4,059.08	1/4	4,412.30	1/4	4,752.13	1/4	5,076.59	1/4		1/4		1/4		1/4		1/4	
1/2	3,703.80	1/2	4,066.57	1/2	4,419.52	1/2	4,759.04	1/2	5,083.16	1/2		1/2		1/2		1/2		1/2	
3/4	3,711.37	3/4	4,074.06	3/4	4,426.73	3/4	4,765.95	3/4	5,089.72	3/4		3/4		3/4		3/4		3/4	
3	3,718.94	3	4,081.55	3	4,433.95	3	4,772.86	3	5,096.29	3		3		3		3		3	
1/4	3,726.51	1/4	4,089.02	1/4	4,441.14	1/4	4,779.75	1/4	5,102.83	1/4		1/4		1/4		1/4		1/4	
1/2	3,734.08	1/2	4,096.49	1/2	4,448.33	1/2	4,786.64	1/2	5,109.37	1/2		1/2		1/2		1/2		1/2	
3/4	3,741.65	3/4	4,103.95	3/4	4,455.52	3/4	4,793.52	3/4	5,115.91	3/4		3/4		3/4		3/4		3/4	
4	3,749.22	4	4,111.42	4	4,462.71	4	4,800.41	4	5,122.45	4		4		4		4		4	
1/4	3,756.79	1/4	4,118.87	1/4	4,469.88	1/4	4,807.27	1/4	5,128.97	1/4		1/4		1/4		1/4		1/4	
1/2	3,764.35	1/2	4,126.31	1/2	4,477.05	1/2	4,814.14	1/2	5,135.49	1/2		1/2		1/2		1/2		1/2	
3/4	3,771.92	3/4	4,133.76	3/4	4,484.22	3/4	4,821.00	3/4	5,142.00	3/4		3/4		3/4		3/4		3/4	
5	3,779.49	5	4,141.20	5	4,491.39	5	4,827.86	5	5,148.52	5		5		5		5		5	
1/4	3,787.06	1/4	4,148.63	1/4	4,498.54	1/4	4,834.70	1/4	5,155.73	1/4		1/4		1/4		1/4		1/4	
1/2	3,794.63	1/2	4,156.05	1/2	4,505.68	1/2	4,841.54	1/2	5,162.94	1/2		1/2		1/2		1/2		1/2	
3/4	3,802.20	3/4	4,163.47	3/4	4,512.83	3/4	4,848.39	3/4	5,170.16	3/4		3/4		3/4		3/4		3/4	
6	3,809.77	6	4,170.89	6	4,519.97	6	4,855.23	6	5,177.37	6		6		6		6		6	
1/4	3,817.34	1/4	4,178.29	1/4	4,527.10	1/4	4,862.04	1/4	5,183.71	1/4		1/4		1/4		1/4		1/4	
1/2	3,824.91	1/2	4,185.69	1/2	4,534.22	1/2	4,868.86	1/2	5,190.06	1/2		1/2		1/2		1/2		1/2	
3/4	3,832.48	3/4	4,193.09	3/4	4,541.34	3/4	4,875.68	3/4	5,196.41	3/4		3/4		3/4		3/4		3/4	
7	3,840.04	7	4,200.49	7	4,548.46	7	4,882.50	7	5,202.75	7		7		7		7		7	
1/4	3,847.61	1/4	4,207.86	1/4	4,555.56	1/4	4,889.29	1/4	5,207.88	1/4		1/4		1/4		1/4		1/4	
1/2	3,855.18	1/2	4,215.24	1/2	4,562.66	1/2	4,896.08	1/2	5,213.01	1/2		1/2		1/2		1/2		1/2	
3/4	3,862.75	3/4	4,222.62	3/4	4,569.76	3/4	4,902.88	3/4	5,218.14	3/4		3/4		3/4		3/4		3/4	
8	3,870.32	8	4,229.99	8	4,576.86	8	4,909.67	8	5,223.27	8		8		8		8		8	
1/4	3,877.89	1/4	4,237.35	1/4	4,583.94	1/4	4,916.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,885.46	1/2	4,244.70	1/2	4,591.02	1/2	4,923.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,893.03	3/4	4,252.05	3/4	4,598.09	3/4	4,929.99	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,900.60	9	4,259.41	9	4,605.17	9	4,936.76	9		9		9		9		9		9	
1/4	3,908.16	1/4	4,266.74	1/4	4,612.23	1/4	4,943.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,915.73	1/2	4,274.07	1/2	4,619.28	1/2	4,950.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,923.30	3/4	4,281.40	3/4	4,626.33	3/4	4,957.01	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,930.87	10	4,288.73	10	4,633.39	10	4,963.76	10		10		10		10		10		10	
1/4	3,938.44	1/4	4,296.03	1/4	4,640.42	1/4	4,970.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,946.01	1/2	4,303.34	1/2	4,647.45	1/2	4,977.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,953.58	3/4	4,310.65	3/4	4,654.48	3/4	4,983.95	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,961.15	11	4,317.95	11	4,661.51	11	4,990.67	11		11		11		11		11		11	
1/4	3,968.70	1/4	4,325.24	1/4	4,668.52	1/4	4,997.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,976.26	1/2	4,332.52	1/2	4,675.53	1/2	5,003.96	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,983.82	3/4	4,339.81	3/4	4,682.53	3/4	5,010.60	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/22/2022 JS
CALCULATED: 12/22/2022 CL
PRINTED: 12/23/2022 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2022

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "DBL 322"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	21.38	0	358.96	0	721.40	0	1,083.60	0	1,445.81	0	1,808.27	0	2,170.72	0	2,533.18	0	2,895.53	0	3,257.85
1/4	25.63	1/4	366.51	1/4	728.95	1/4	1,091.14	1/4	1,453.36	1/4	1,815.82	1/4	2,178.27	1/4	2,540.73	1/4	2,903.08	1/4	3,265.40
1/2	29.87	1/2	374.06	1/2	736.50	1/2	1,098.68	1/2	1,460.91	1/2	1,823.37	1/2	2,185.83	1/2	2,548.28	1/2	2,910.63	1/2	3,272.95
3/4	34.12	3/4	381.61	3/4	744.05	3/4	1,106.22	3/4	1,468.46	3/4	1,830.92	3/4	2,193.38	3/4	2,555.83	3/4	2,918.17	3/4	3,280.50
1	38.36	1	389.16	1	751.61	1	1,113.76	1	1,476.01	1	1,838.47	1	2,200.93	1	2,563.39	1	2,925.72	1	3,288.05
1/4	43.87	1/4	396.71	1/4	759.16	1/4	1,121.30	1/4	1,483.56	1/4	1,846.02	1/4	2,208.48	1/4	2,570.94	1/4	2,933.27	1/4	3,295.59
1/2	49.37	1/2	404.26	1/2	766.71	1/2	1,128.84	1/2	1,491.11	1/2	1,853.57	1/2	2,216.03	1/2	2,578.49	1/2	2,940.82	1/2	3,303.14
3/4	54.88	3/4	411.81	3/4	774.26	3/4	1,136.37	3/4	1,498.67	3/4	1,861.12	3/4	2,223.58	3/4	2,586.04	3/4	2,948.37	3/4	3,310.69
2	60.38	2	419.37	2	781.81	2	1,143.91	2	1,506.22	2	1,868.67	2	2,231.13	2	2,593.59	2	2,955.92	2	3,318.24
1/4	67.15	1/4	426.92	1/4	789.36	1/4	1,151.45	1/4	1,513.77	1/4	1,876.23	1/4	2,238.68	1/4	2,601.14	1/4	2,963.46	1/4	3,325.79
1/2	73.91	1/2	434.47	1/2	796.91	1/2	1,158.99	1/2	1,521.32	1/2	1,883.78	1/2	2,246.23	1/2	2,608.69	1/2	2,971.01	1/2	3,333.34
3/4	80.68	3/4	442.02	3/4	804.46	3/4	1,166.53	3/4	1,528.87	3/4	1,891.33	3/4	2,253.79	3/4	2,616.24	3/4	2,978.56	3/4	3,340.88
3	87.44	3	449.57	3	812.01	3	1,174.07	3	1,536.42	3	1,898.88	3	2,261.34	3	2,623.79	3	2,986.11	3	3,348.43
1/4	94.91	1/4	457.12	1/4	819.56	1/4	1,181.61	1/4	1,543.97	1/4	1,906.43	1/4	2,268.89	1/4	2,631.34	1/4	2,993.66	1/4	3,355.98
1/2	102.39	1/2	464.67	1/2	827.11	1/2	1,189.15	1/2	1,551.52	1/2	1,913.98	1/2	2,276.44	1/2	2,638.89	1/2	3,001.21	1/2	3,363.53
3/4	109.86	3/4	472.22	3/4	834.66	3/4	1,196.69	3/4	1,559.08	3/4	1,921.53	3/4	2,283.99	3/4	2,646.43	3/4	3,008.75	3/4	3,371.08
4	117.33	4	479.77	4	842.22	4	1,204.22	4	1,566.63	4	1,929.08	4	2,291.54	4	2,653.98	4	3,016.30	4	3,378.63
1/4	124.88	1/4	487.32	1/4	849.77	1/4	1,211.76	1/4	1,574.18	1/4	1,936.64	1/4	2,299.09	1/4	2,661.53	1/4	3,023.85	1/4	3,386.17
1/2	132.43	1/2	494.87	1/2	857.32	1/2	1,219.30	1/2	1,581.73	1/2	1,944.19	1/2	2,306.64	1/2	2,669.08	1/2	3,031.40	1/2	3,393.72
3/4	139.98	3/4	502.43	3/4	864.87	3/4	1,226.84	3/4	1,589.28	3/4	1,951.74	3/4	2,314.20	3/4	2,676.62	3/4	3,038.95	3/4	3,401.27
5	147.53	5	509.98	5	872.42	5	1,234.38	5	1,596.83	5	1,959.29	5	2,321.75	5	2,684.17	5	3,046.50	5	3,408.82
1/4	155.08	1/4	517.53	1/4	879.97	1/4	1,241.93	1/4	1,604.38	1/4	1,966.84	1/4	2,329.30	1/4	2,691.72	1/4	3,054.04	1/4	3,416.37
1/2	162.63	1/2	525.08	1/2	887.52	1/2	1,249.48	1/2	1,611.93	1/2	1,974.39	1/2	2,336.85	1/2	2,699.27	1/2	3,061.59	1/2	3,423.92
3/4	170.19	3/4	532.63	3/4	895.07	3/4	1,257.03	3/4	1,619.49	3/4	1,981.94	3/4	2,344.40	3/4	2,706.82	3/4	3,069.14	3/4	3,431.46
6	177.74	6	540.18	6	902.62	6	1,264.58	6	1,627.04	6	1,989.49	6	2,351.95	6	2,714.37	6	3,076.69	6	3,439.01
1/4	185.29	1/4	547.73	1/4	910.17	1/4	1,272.13	1/4	1,634.59	1/4	1,997.05	1/4	2,359.50	1/4	2,721.92	1/4	3,084.24	1/4	3,446.56
1/2	192.84	1/2	555.28	1/2	917.72	1/2	1,279.68	1/2	1,642.14	1/2	2,004.60	1/2	2,367.05	1/2	2,729.46	1/2	3,091.79	1/2	3,454.11
3/4	200.39	3/4	562.83	3/4	925.28	3/4	1,287.23	3/4	1,649.69	3/4	2,012.15	3/4	2,374.61	3/4	2,737.01	3/4	3,099.34	3/4	3,461.66
7	207.94	7	570.38	7	932.83	7	1,294.78	7	1,657.24	7	2,019.70	7	2,382.16	7	2,744.56	7	3,106.88	7	3,469.21
1/4	215.49	1/4	577.93	1/4	940.37	1/4	1,302.33	1/4	1,664.79	1/4	2,027.25	1/4	2,389.71	1/4	2,752.11	1/4	3,114.43	1/4	3,476.76
1/2	223.04	1/2	585.49	1/2	947.90	1/2	1,309.89	1/2	1,672.34	1/2	2,034.80	1/2	2,397.26	1/2	2,759.66	1/2	3,121.98	1/2	3,484.30
3/4	230.59	3/4	593.04	3/4	955.44	3/4	1,317.44	3/4	1,679.89	3/4	2,042.35	3/4	2,404.81	3/4	2,767.21	3/4	3,129.53	3/4	3,491.85
8	238.14	8	600.59	8	962.98	8	1,324.99	8	1,687.45	8	2,049.90	8	2,412.36	8	2,774.75	8	3,137.08	8	3,499.40
1/4	245.69	1/4	608.14	1/4	970.52	1/4	1,332.54	1/4	1,695.00	1/4	2,057.45	1/4	2,419.91	1/4	2,782.30	1/4	3,144.63	1/4	3,506.95
1/2	253.25	1/2	615.69	1/2	978.06	1/2	1,340.09	1/2	1,702.55	1/2	2,065.01	1/2	2,427.46	1/2	2,789.85	1/2	3,152.17	1/2	3,514.50
3/4	260.80	3/4	623.24	3/4	985.60	3/4	1,347.64	3/4	1,710.10	3/4	2,072.56	3/4	2,435.01	3/4	2,797.40	3/4	3,159.72	3/4	3,522.05
9	268.35	9	630.79	9	993.14	9	1,355.19	9	1,717.65	9	2,080.11	9	2,442.57	9	2,804.95	9	3,167.27	9	3,529.59
1/4	275.90	1/4	638.34	1/4	1,000.68	1/4	1,362.74	1/4	1,725.20	1/4	2,087.66	1/4	2,450.12	1/4	2,812.50	1/4	3,174.82	1/4	3,537.14
1/2	283.45	1/2	645.89	1/2	1,008.22	1/2	1,370.30	1/2	1,732.75	1/2	2,095.21	1/2	2,457.67	1/2	2,820.04	1/2	3,182.37	1/2	3,544.69
3/4	291.00	3/4	653.44	3/4	1,015.75	3/4	1,377.85	3/4	1,740.30	3/4	2,102.76	3/4	2,465.22	3/4	2,827.59	3/4	3,189.92	3/4	3,552.24
10	298.55	10	660.99	10	1,023.29	10	1,385.40	10	1,747.86	10	2,110.31	10	2,472.77	10	2,835.14	10	3,197.46	10	3,559.79
1/4	306.10	1/4	668.55	1/4	1,030.83	1/4	1,392.95	1/4	1,755.41	1/4	2,117.86	1/4	2,480.32	1/4	2,842.69	1/4	3,205.01	1/4	3,567.34
1/2	313.65	1/2	676.10	1/2	1,038.37	1/2	1,400.50	1/2	1,762.96	1/2	2,125.42	1/2	2,487.87	1/2	2,850.24	1/2	3,212.56	1/2	3,574.88
3/4	321.20	3/4	683.65	3/4	1,045.91	3/4	1,408.05	3/4	1,770.51	3/4	2,132.97	3/4	2,495.42	3/4	2,857.79	3/4	3,220.11	3/4	3,582.43
11	328.75	11	691.20	11	1,053.45	11	1,415.60	11	1,778.06	11	2,140.52	11	2,502.98	11	2,865.33	11	3,227.66	11	3,589.98
1/4	336.31	1/4	698.75	1/4	1,060.99	1/4	1,423.15	1/4	1,785.61	1/4	2,148.07	1/4	2,510.53	1/4	2,872.88	1/4	3,235.21	1/4	3,597.53
1/2	343.86	1/2	706.30	1/2	1,068.53	1/2	1,430.71	1/2	1,793.16	1/2	2,155.62	1/2	2,518.08	1/2	2,880.43	1/2	3,242.75	1/2	3,605.08
3/4	351.41	3/4	713.85	3/4	1,076.06	3/4	1,438.26	3/4	1,800.71	3/4	2,163.17	3/4	2,525.63	3/4	2,887.98	3/4	3,250.30	3/4	3,612.63

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 43'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "DBL 322"

2 PORT 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	3,620.17	0	3,982.45	0	4,337.17	0	4,678.64	0	5,005.35	0		0		0		0		0	
1/4	3,627.72	1/4	3,989.97	1/4	4,344.42	1/4	4,685.60	1/4	5,011.94	1/4		1/4		1/4		1/4		1/4	
1/2	3,635.27	1/2	3,997.48	1/2	4,351.66	1/2	4,692.57	1/2	5,018.52	1/2		1/2		1/2		1/2		1/2	
3/4	3,642.82	3/4	4,005.00	3/4	4,358.90	3/4	4,699.53	3/4	5,025.11	3/4		3/4		3/4		3/4		3/4	
1	3,650.37	1	4,012.52	1	4,366.14	1	4,706.49	1	5,031.70	1		1		1		1		1	
1/4	3,657.92	1/4	4,020.01	1/4	4,373.35	1/4	4,713.41	1/4	5,038.27	1/4		1/4		1/4		1/4		1/4	
1/2	3,665.47	1/2	4,027.51	1/2	4,380.57	1/2	4,720.33	1/2	5,044.84	1/2		1/2		1/2		1/2		1/2	
3/4	3,673.01	3/4	4,035.00	3/4	4,387.79	3/4	4,727.24	3/4	5,051.40	3/4		3/4		3/4		3/4		3/4	
2	3,680.56	2	4,042.49	2	4,395.01	2	4,734.16	2	5,057.97	2		2		2		2		2	
1/4	3,688.11	1/4	4,049.96	1/4	4,402.20	1/4	4,741.05	1/4	5,064.51	1/4		1/4		1/4		1/4		1/4	
1/2	3,695.66	1/2	4,057.43	1/2	4,409.39	1/2	4,747.93	1/2	5,071.06	1/2		1/2		1/2		1/2		1/2	
3/4	3,703.21	3/4	4,064.90	3/4	4,416.59	3/4	4,754.82	3/4	5,077.60	3/4		3/4		3/4		3/4		3/4	
3	3,710.76	3	4,072.38	3	4,423.78	3	4,761.71	3	5,084.14	3		3		3		3		3	
1/4	3,718.30	1/4	4,079.82	1/4	4,430.95	1/4	4,768.58	1/4	5,090.66	1/4		1/4		1/4		1/4		1/4	
1/2	3,725.85	1/2	4,087.27	1/2	4,438.13	1/2	4,775.44	1/2	5,097.18	1/2		1/2		1/2		1/2		1/2	
3/4	3,733.40	3/4	4,094.72	3/4	4,445.30	3/4	4,782.31	3/4	5,103.70	3/4		3/4		3/4		3/4		3/4	
4	3,740.95	4	4,102.17	4	4,452.47	4	4,789.18	4	5,110.22	4		4		4		4		4	
1/4	3,748.50	1/4	4,109.59	1/4	4,459.62	1/4	4,796.02	1/4	5,116.72	1/4		1/4		1/4		1/4		1/4	
1/2	3,756.05	1/2	4,117.02	1/2	4,466.77	1/2	4,802.86	1/2	5,123.22	1/2		1/2		1/2		1/2		1/2	
3/4	3,763.59	3/4	4,124.44	3/4	4,473.91	3/4	4,809.70	3/4	5,129.71	3/4		3/4		3/4		3/4		3/4	
5	3,771.14	5	4,131.86	5	4,481.06	5	4,816.55	5	5,136.21	5		5		5		5		5	
1/4	3,778.69	1/4	4,139.27	1/4	4,488.19	1/4	4,823.37	1/4	5,143.40	1/4		1/4		1/4		1/4		1/4	
1/2	3,786.24	1/2	4,146.67	1/2	4,495.31	1/2	4,830.19	1/2	5,150.60	1/2		1/2		1/2		1/2		1/2	
3/4	3,793.79	3/4	4,154.07	3/4	4,502.44	3/4	4,837.01	3/4	5,157.79	3/4		3/4		3/4		3/4		3/4	
6	3,801.34	6	4,161.47	6	4,509.56	6	4,843.83	6	5,164.98	6		6		6		6		6	
1/4	3,808.88	1/4	4,168.85	1/4	4,516.67	1/4	4,850.62	1/4	5,171.31	1/4		1/4		1/4		1/4		1/4	
1/2	3,816.43	1/2	4,176.23	1/2	4,523.77	1/2	4,857.42	1/2	5,177.64	1/2		1/2		1/2		1/2		1/2	
3/4	3,823.98	3/4	4,183.61	3/4	4,530.87	3/4	4,864.22	3/4	5,183.97	3/4		3/4		3/4		3/4		3/4	
7	3,831.53	7	4,190.99	7	4,537.97	7	4,871.01	7	5,190.30	7		7		7		7		7	
1/4	3,839.08	1/4	4,198.34	1/4	4,545.05	1/4	4,877.79	1/4	5,195.41	1/4		1/4		1/4		1/4		1/4	
1/2	3,846.63	1/2	4,205.70	1/2	4,552.13	1/2	4,884.56	1/2	5,200.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,854.18	3/4	4,213.05	3/4	4,559.21	3/4	4,891.34	3/4	5,205.64	3/4		3/4		3/4		3/4		3/4	
8	3,861.72	8	4,220.41	8	4,566.29	8	4,898.11	8	5,210.76	8		8		8		8		8	
1/4	3,869.27	1/4	4,227.74	1/4	4,573.35	1/4	4,904.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,876.82	1/2	4,235.07	1/2	4,580.40	1/2	4,911.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,884.37	3/4	4,242.40	3/4	4,587.46	3/4	4,918.36	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,891.92	9	4,249.74	9	4,594.52	9	4,925.11	9		9		9		9		9		9	
1/4	3,899.47	1/4	4,257.05	1/4	4,601.55	1/4	4,931.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,907.01	1/2	4,264.36	1/2	4,608.58	1/2	4,938.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,914.56	3/4	4,271.67	3/4	4,615.61	3/4	4,945.30	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,922.11	10	4,278.98	10	4,622.65	10	4,952.03	10		10		10		10		10		10	
1/4	3,929.66	1/4	4,286.26	1/4	4,629.66	1/4	4,958.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,937.21	1/2	4,293.55	1/2	4,636.67	1/2	4,965.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,944.76	3/4	4,300.83	3/4	4,643.68	3/4	4,972.15	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,952.30	11	4,308.12	11	4,650.69	11	4,978.86	11		11		11		11		11		11	
1/4	3,959.84	1/4	4,315.38	1/4	4,657.68	1/4	4,985.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,967.38	1/2	4,322.65	1/2	4,664.66	1/2	4,992.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,974.91	3/4	4,329.91	3/4	4,671.65	3/4	4,998.72	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/22/2022 JS
CALCULATED: 12/22/2022 CL
PRINTED: 12/23/2022 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2022

PRECISION MEASUREMENT
& ANALYSIS, INC.
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<http://www.pmacorp.net>



BARGE "DBL 322"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	21.35	0	358.39	0	720.27	0	1,074.11	0	1,427.62	0	1,789.50	0	2,151.38	0	2,513.26	0	2,875.06	0	3,236.81
1/4	25.59	1/4	365.93	1/4	727.80	1/4	1,081.30	1/4	1,435.16	1/4	1,797.04	1/4	2,158.92	1/4	2,520.80	1/4	2,882.60	1/4	3,244.35
1/2	29.83	1/2	373.47	1/2	735.34	1/2	1,088.50	1/2	1,442.70	1/2	1,804.58	1/2	2,166.46	1/2	2,528.34	1/2	2,890.13	1/2	3,251.89
3/4	34.06	3/4	381.01	3/4	742.88	3/4	1,095.70	3/4	1,450.23	3/4	1,812.12	3/4	2,174.00	3/4	2,535.88	3/4	2,897.67	3/4	3,259.42
1	38.30	1	388.55	1	750.42	1	1,102.89	1	1,457.77	1	1,819.66	1	2,181.54	1	2,543.42	1	2,905.21	1	3,266.96
1/4	43.80	1/4	396.09	1/4	757.96	1/4	1,110.09	1/4	1,465.31	1/4	1,827.19	1/4	2,189.08	1/4	2,550.96	1/4	2,912.74	1/4	3,274.49
1/2	49.30	1/2	403.63	1/2	765.50	1/2	1,117.28	1/2	1,472.85	1/2	1,834.73	1/2	2,196.62	1/2	2,558.50	1/2	2,920.28	1/2	3,282.03
3/4	54.79	3/4	411.17	3/4	773.04	3/4	1,124.48	3/4	1,480.39	3/4	1,842.27	3/4	2,204.15	3/4	2,566.04	3/4	2,927.82	3/4	3,289.57
2	60.29	2	418.71	2	780.58	2	1,131.67	2	1,487.93	2	1,849.81	2	2,211.69	2	2,573.58	2	2,935.35	2	3,297.10
1/4	67.04	1/4	426.24	1/4	788.12	1/4	1,138.87	1/4	1,495.47	1/4	1,857.35	1/4	2,219.23	1/4	2,581.11	1/4	2,942.89	1/4	3,304.64
1/2	73.80	1/2	433.78	1/2	795.66	1/2	1,146.06	1/2	1,503.01	1/2	1,864.89	1/2	2,226.77	1/2	2,588.65	1/2	2,950.43	1/2	3,312.18
3/4	80.55	3/4	441.32	3/4	803.19	3/4	1,153.26	3/4	1,510.55	3/4	1,872.43	3/4	2,234.31	3/4	2,596.19	3/4	2,957.96	3/4	3,319.71
3	87.30	3	448.86	3	810.73	3	1,160.46	3	1,518.09	3	1,879.97	3	2,241.85	3	2,603.73	3	2,965.50	3	3,327.25
1/4	94.76	1/4	456.40	1/4	818.27	1/4	1,167.65	1/4	1,525.63	1/4	1,887.51	1/4	2,249.39	1/4	2,611.27	1/4	2,973.03	1/4	3,334.79
1/2	102.22	1/2	463.94	1/2	825.81	1/2	1,174.85	1/2	1,533.17	1/2	1,895.05	1/2	2,256.93	1/2	2,618.81	1/2	2,980.57	1/2	3,342.32
3/4	109.68	3/4	471.48	3/4	833.35	3/4	1,182.04	3/4	1,540.70	3/4	1,902.59	3/4	2,264.47	3/4	2,626.35	3/4	2,988.11	3/4	3,349.86
4	117.15	4	479.02	4	840.89	4	1,189.24	4	1,548.24	4	1,910.13	4	2,272.01	4	2,633.89	4	2,995.64	4	3,357.40
1/4	124.68	1/4	486.56	1/4	848.43	1/4	1,196.43	1/4	1,555.78	1/4	1,917.66	1/4	2,279.55	1/4	2,641.43	1/4	3,003.18	1/4	3,364.93
1/2	132.22	1/2	494.10	1/2	855.97	1/2	1,203.63	1/2	1,563.32	1/2	1,925.20	1/2	2,287.09	1/2	2,648.97	1/2	3,010.72	1/2	3,372.47
3/4	139.76	3/4	501.63	3/4	863.51	3/4	1,210.82	3/4	1,570.86	3/4	1,932.74	3/4	2,294.62	3/4	2,656.50	3/4	3,018.25	3/4	3,380.01
5	147.30	5	509.17	5	871.05	5	1,218.02	5	1,578.40	5	1,940.28	5	2,302.16	5	2,664.04	5	3,025.79	5	3,387.54
1/4	154.84	1/4	516.71	1/4	878.58	1/4	1,225.22	1/4	1,585.94	1/4	1,947.82	1/4	2,309.70	1/4	2,671.57	1/4	3,033.33	1/4	3,395.08
1/2	162.38	1/2	524.25	1/2	886.12	1/2	1,232.43	1/2	1,593.48	1/2	1,955.36	1/2	2,317.24	1/2	2,679.11	1/2	3,040.86	1/2	3,402.62
3/4	169.92	3/4	531.79	3/4	893.66	3/4	1,239.64	3/4	1,601.02	3/4	1,962.90	3/4	2,324.78	3/4	2,686.65	3/4	3,048.40	3/4	3,410.15
6	177.46	6	539.33	6	901.20	6	1,246.84	6	1,608.56	6	1,970.44	6	2,332.32	6	2,694.18	6	3,055.94	6	3,417.69
1/4	185.00	1/4	546.87	1/4	908.45	1/4	1,254.34	1/4	1,616.10	1/4	1,977.98	1/4	2,339.86	1/4	2,701.72	1/4	3,063.47	1/4	3,425.22
1/2	192.54	1/2	554.41	1/2	915.70	1/2	1,261.84	1/2	1,623.64	1/2	1,985.52	1/2	2,347.40	1/2	2,709.26	1/2	3,071.01	1/2	3,432.76
3/4	200.07	3/4	561.95	3/4	922.95	3/4	1,269.33	3/4	1,631.18	3/4	1,993.06	3/4	2,354.94	3/4	2,716.79	3/4	3,078.55	3/4	3,440.30
7	207.61	7	569.49	7	930.19	7	1,276.83	7	1,638.71	7	2,000.60	7	2,362.48	7	2,724.33	7	3,086.08	7	3,447.83
1/4	215.15	1/4	577.02	1/4	937.39	1/4	1,284.37	1/4	1,646.25	1/4	2,008.14	1/4	2,370.02	1/4	2,731.87	1/4	3,093.62	1/4	3,455.37
1/2	222.69	1/2	584.56	1/2	944.59	1/2	1,291.91	1/2	1,653.79	1/2	2,015.67	1/2	2,377.56	1/2	2,739.40	1/2	3,101.16	1/2	3,462.91
3/4	230.23	3/4	592.10	3/4	951.78	3/4	1,299.45	3/4	1,661.33	3/4	2,023.21	3/4	2,385.10	3/4	2,746.94	3/4	3,108.69	3/4	3,470.44
8	237.77	8	599.64	8	958.98	8	1,306.99	8	1,668.87	8	2,030.75	8	2,392.63	8	2,754.48	8	3,116.23	8	3,477.98
1/4	245.31	1/4	607.18	1/4	966.18	1/4	1,314.53	1/4	1,676.41	1/4	2,038.29	1/4	2,400.17	1/4	2,762.01	1/4	3,123.76	1/4	3,485.52
1/2	252.85	1/2	614.72	1/2	973.37	1/2	1,322.07	1/2	1,683.95	1/2	2,045.83	1/2	2,407.71	1/2	2,769.55	1/2	3,131.30	1/2	3,493.05
3/4	260.39	3/4	622.26	3/4	980.57	3/4	1,329.61	3/4	1,691.49	3/4	2,053.37	3/4	2,415.25	3/4	2,777.09	3/4	3,138.84	3/4	3,500.59
9	267.93	9	629.80	9	987.76	9	1,337.15	9	1,699.03	9	2,060.91	9	2,422.79	9	2,784.62	9	3,146.37	9	3,508.13
1/4	275.46	1/4	637.34	1/4	994.96	1/4	1,344.69	1/4	1,706.57	1/4	2,068.45	1/4	2,430.33	1/4	2,792.16	1/4	3,153.91	1/4	3,515.66
1/2	283.00	1/2	644.88	1/2	1,002.15	1/2	1,352.22	1/2	1,714.11	1/2	2,075.99	1/2	2,437.87	1/2	2,799.70	1/2	3,161.45	1/2	3,523.20
3/4	290.54	3/4	652.41	3/4	1,009.35	3/4	1,359.76	3/4	1,721.65	3/4	2,083.53	3/4	2,445.41	3/4	2,807.23	3/4	3,168.98	3/4	3,530.74
10	298.08	10	659.95	10	1,016.55	10	1,367.30	10	1,729.18	10	2,091.07	10	2,452.95	10	2,814.77	10	3,176.52	10	3,538.27
1/4	305.62	1/4	667.49	1/4	1,023.74	1/4	1,374.84	1/4	1,736.72	1/4	2,098.61	1/4	2,460.49	1/4	2,822.30	1/4	3,184.06	1/4	3,545.81
1/2	313.16	1/2	675.03	1/2	1,030.94	1/2	1,382.38	1/2	1,744.26	1/2	2,106.14	1/2	2,468.03	1/2	2,829.84	1/2	3,191.59	1/2	3,553.35
3/4	320.70	3/4	682.57	3/4	1,038.13	3/4	1,389.92	3/4	1,751.80	3/4	2,113.68	3/4	2,475.57	3/4	2,837.38	3/4	3,199.13	3/4	3,560.88
11	328.24	11	690.11	11	1,045.33	11	1,397.46	11	1,759.34	11	2,121.22	11	2,483.10	11	2,844.91	11	3,206.67	11	3,568.42
1/4	335.78	1/4	697.65	1/4	1,052.52	1/4	1,405.00	1/4	1,766.88	1/4	2,128.76	1/4	2,490.64	1/4	2,852.45	1/4	3,214.20	1/4	3,575.95
1/2	343.32	1/2	705.19	1/2	1,059.72	1/2	1,412.54	1/2	1,774.42	1/2	2,136.30	1/2	2,498.18	1/2	2,859.99	1/2	3,221.74	1/2	3,583.49
3/4	350.85	3/4	712.73	3/4	1,066.91	3/4	1,420.08	3/4	1,781.96	3/4	2,143.84	3/4	2,505.72	3/4	2,867.52	3/4	3,229.28	3/4	3,591.03

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 43'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "DBL 322"

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	3,598.56	0	3,960.27	0	4,314.44	0	4,655.36	0	4,981.54	0		0		0		0		0	
1/4	3,606.10	1/4	3,967.78	1/4	4,321.67	1/4	4,662.31	1/4	4,988.12	1/4		1/4		1/4		1/4		1/4	
1/2	3,613.64	1/2	3,975.28	1/2	4,328.90	1/2	4,669.26	1/2	4,994.70	1/2		1/2		1/2		1/2		1/2	
3/4	3,621.17	3/4	3,982.79	3/4	4,336.13	3/4	4,676.22	3/4	5,001.27	3/4		3/4		3/4		3/4		3/4	
1	3,628.71	1	3,990.29	1	4,343.35	1	4,683.17	1	5,007.85	1		1		1		1		1	
1/4	3,636.25	1/4	3,997.78	1/4	4,350.56	1/4	4,690.07	1/4	5,014.41	1/4		1/4		1/4		1/4		1/4	
1/2	3,643.78	1/2	4,005.26	1/2	4,357.77	1/2	4,696.98	1/2	5,020.96	1/2		1/2		1/2		1/2		1/2	
3/4	3,651.32	3/4	4,012.74	3/4	4,364.97	3/4	4,703.88	3/4	5,027.52	3/4		3/4		3/4		3/4		3/4	
2	3,658.86	2	4,020.22	2	4,372.18	2	4,710.79	2	5,034.08	2		2		2		2		2	
1/4	3,666.39	1/4	4,027.68	1/4	4,379.36	1/4	4,717.66	1/4	5,040.61	1/4		1/4		1/4		1/4		1/4	
1/2	3,673.93	1/2	4,035.14	1/2	4,386.54	1/2	4,724.54	1/2	5,047.14	1/2		1/2		1/2		1/2		1/2	
3/4	3,681.47	3/4	4,042.60	3/4	4,393.73	3/4	4,731.42	3/4	5,053.67	3/4		3/4		3/4		3/4		3/4	
3	3,689.00	3	4,050.06	3	4,400.91	3	4,738.30	3	5,060.21	3		3		3		3		3	
1/4	3,696.54	1/4	4,057.49	1/4	4,408.07	1/4	4,745.15	1/4	5,066.72	1/4		1/4		1/4		1/4		1/4	
1/2	3,704.08	1/2	4,064.93	1/2	4,415.23	1/2	4,752.01	1/2	5,073.23	1/2		1/2		1/2		1/2		1/2	
3/4	3,711.61	3/4	4,072.37	3/4	4,422.39	3/4	4,758.86	3/4	5,079.74	3/4		3/4		3/4		3/4		3/4	
4	3,719.15	4	4,079.80	4	4,429.55	4	4,765.72	4	5,086.24	4		4		4		4		4	
1/4	3,726.68	1/4	4,087.21	1/4	4,436.69	1/4	4,772.55	1/4	5,092.73	1/4		1/4		1/4		1/4		1/4	
1/2	3,734.22	1/2	4,094.63	1/2	4,443.82	1/2	4,779.38	1/2	5,099.22	1/2		1/2		1/2		1/2		1/2	
3/4	3,741.76	3/4	4,102.04	3/4	4,450.96	3/4	4,786.21	3/4	5,105.70	3/4		3/4		3/4		3/4		3/4	
5	3,749.29	5	4,109.45	5	4,458.10	5	4,793.04	5	5,112.19	5		5		5		5		5	
1/4	3,756.83	1/4	4,116.84	1/4	4,465.21	1/4	4,799.85	1/4	5,119.37	1/4		1/4		1/4		1/4		1/4	
1/2	3,764.37	1/2	4,124.23	1/2	4,472.32	1/2	4,806.66	1/2	5,126.56	1/2		1/2		1/2		1/2		1/2	
3/4	3,771.90	3/4	4,131.62	3/4	4,479.44	3/4	4,813.47	3/4	5,133.74	3/4		3/4		3/4		3/4		3/4	
6	3,779.44	6	4,139.01	6	4,486.55	6	4,820.28	6	5,140.92	6		6		6		6		6	
1/4	3,786.98	1/4	4,146.38	1/4	4,493.64	1/4	4,827.07	1/4	5,147.24	1/4		1/4		1/4		1/4		1/4	
1/2	3,794.51	1/2	4,153.75	1/2	4,500.73	1/2	4,833.85	1/2	5,153.56	1/2		1/2		1/2		1/2		1/2	
3/4	3,802.05	3/4	4,161.11	3/4	4,507.83	3/4	4,840.64	3/4	5,159.88	3/4		3/4		3/4		3/4		3/4	
7	3,809.59	7	4,168.48	7	4,514.92	7	4,847.42	7	5,166.20	7		7		7		7		7	
1/4	3,817.12	1/4	4,175.82	1/4	4,521.98	1/4	4,854.19	1/4	5,171.30	1/4		1/4		1/4		1/4		1/4	
1/2	3,824.66	1/2	4,183.17	1/2	4,529.05	1/2	4,860.95	1/2	5,176.41	1/2		1/2		1/2		1/2		1/2	
3/4	3,832.20	3/4	4,190.51	3/4	4,536.12	3/4	4,867.71	3/4	5,181.52	3/4		3/4		3/4		3/4		3/4	
8	3,839.73	8	4,197.86	8	4,543.19	8	4,874.47	8	5,186.62	8		8		8		8		8	
1/4	3,847.27	1/4	4,205.18	1/4	4,550.23	1/4	4,881.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,854.81	1/2	4,212.50	1/2	4,557.28	1/2	4,887.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,862.34	3/4	4,219.82	3/4	4,564.32	3/4	4,894.69	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,869.88	9	4,227.14	9	4,571.37	9	4,901.43	9		9		9		9		9		9	
1/4	3,877.41	1/4	4,234.44	1/4	4,578.39	1/4	4,908.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,884.95	1/2	4,241.73	1/2	4,585.41	1/2	4,914.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,892.49	3/4	4,249.03	3/4	4,592.43	3/4	4,921.59	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,900.02	10	4,256.33	10	4,599.46	10	4,928.31	10		10		10		10		10		10	
1/4	3,907.56	1/4	4,263.61	1/4	4,606.46	1/4	4,935.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,915.10	1/2	4,270.88	1/2	4,613.45	1/2	4,941.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,922.63	3/4	4,278.16	3/4	4,620.45	3/4	4,948.40	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,930.17	11	4,285.43	11	4,627.45	11	4,955.10	11		11		11		11		11		11	
1/4	3,937.70	1/4	4,292.68	1/4	4,634.43	1/4	4,961.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,945.22	1/2	4,299.93	1/2	4,641.40	1/2	4,968.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,952.75	3/4	4,307.19	3/4	4,648.38	3/4	4,974.93	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/22/2022 JS
CALCULATED: 12/22/2022 CL
PRINTED: 12/23/2022 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2022

PRECISION MEASUREMENT
& ANALYSIS, INC.
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<http://www.pmacorp.net>



BARGE "DBL 322"

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	21.29	0	357.41	0	718.29	0	1,078.97	0	1,439.70	0	1,800.59	0	2,161.46	0	2,522.27	0	2,882.89	0	3,242.62
1/4	25.52	1/4	364.93	1/4	725.81	1/4	1,086.48	1/4	1,447.22	1/4	1,808.11	1/4	2,168.98	1/4	2,529.79	1/4	2,890.39	1/4	3,250.09
1/2	29.75	1/2	372.45	1/2	733.33	1/2	1,093.99	1/2	1,454.73	1/2	1,815.63	1/2	2,176.49	1/2	2,537.31	1/2	2,897.89	1/2	3,257.56
3/4	33.97	3/4	379.97	3/4	740.85	3/4	1,101.50	3/4	1,462.25	3/4	1,823.15	3/4	2,184.01	3/4	2,544.82	3/4	2,905.40	3/4	3,265.03
1	38.20	1	387.49	1	748.37	1	1,109.01	1	1,469.77	1	1,830.66	1	2,191.53	1	2,552.34	1	2,912.90	1	3,272.49
1/4	43.68	1/4	395.01	1/4	755.88	1/4	1,116.52	1/4	1,477.29	1/4	1,838.18	1/4	2,199.05	1/4	2,559.86	1/4	2,920.40	1/4	3,279.96
1/2	49.17	1/2	402.52	1/2	763.40	1/2	1,124.03	1/2	1,484.81	1/2	1,845.70	1/2	2,206.56	1/2	2,567.37	1/2	2,927.90	1/2	3,287.43
3/4	54.65	3/4	410.04	3/4	770.92	3/4	1,131.54	3/4	1,492.33	3/4	1,853.22	3/4	2,214.08	3/4	2,574.89	3/4	2,935.41	3/4	3,294.90
2	60.13	2	417.56	2	778.44	2	1,139.05	2	1,499.85	2	1,860.74	2	2,221.60	2	2,582.41	2	2,942.91	2	3,302.37
1/4	66.86	1/4	425.08	1/4	785.96	1/4	1,146.56	1/4	1,507.36	1/4	1,868.26	1/4	2,229.11	1/4	2,589.92	1/4	2,950.41	1/4	3,309.84
1/2	73.60	1/2	432.60	1/2	793.48	1/2	1,154.06	1/2	1,514.88	1/2	1,875.78	1/2	2,236.63	1/2	2,597.44	1/2	2,957.91	1/2	3,317.30
3/4	80.33	3/4	440.12	3/4	800.99	3/4	1,161.57	3/4	1,522.40	3/4	1,883.29	3/4	2,244.15	3/4	2,604.96	3/4	2,965.42	3/4	3,324.77
3	87.07	3	447.63	3	808.51	3	1,169.08	3	1,529.92	3	1,890.81	3	2,251.66	3	2,612.47	3	2,972.92	3	3,332.24
1/4	94.51	1/4	455.15	1/4	816.03	1/4	1,176.59	1/4	1,537.44	1/4	1,898.33	1/4	2,259.18	1/4	2,619.99	1/4	2,980.42	1/4	3,339.72
1/2	101.95	1/2	462.67	1/2	823.55	1/2	1,184.10	1/2	1,544.96	1/2	1,905.85	1/2	2,266.70	1/2	2,627.50	1/2	2,987.93	1/2	3,347.21
3/4	109.39	3/4	470.19	3/4	831.07	3/4	1,191.61	3/4	1,552.48	3/4	1,913.37	3/4	2,274.21	3/4	2,635.02	3/4	2,995.43	3/4	3,354.69
4	116.83	4	477.71	4	838.59	4	1,199.12	4	1,559.99	4	1,920.89	4	2,281.73	4	2,642.53	4	3,002.93	4	3,362.17
1/4	124.35	1/4	485.23	1/4	846.10	1/4	1,206.63	1/4	1,567.51	1/4	1,928.41	1/4	2,289.25	1/4	2,650.05	1/4	3,010.43	1/4	3,369.65
1/2	131.87	1/2	492.74	1/2	853.62	1/2	1,214.15	1/2	1,575.03	1/2	1,935.92	1/2	2,296.77	1/2	2,657.56	1/2	3,017.94	1/2	3,377.14
3/4	139.38	3/4	500.26	3/4	861.14	3/4	1,221.66	3/4	1,582.55	3/4	1,943.44	3/4	2,304.28	3/4	2,665.08	3/4	3,025.44	3/4	3,384.62
5	146.90	5	507.78	5	868.66	5	1,229.18	5	1,590.07	5	1,950.96	5	2,311.80	5	2,672.59	5	3,032.94	5	3,392.10
1/4	154.42	1/4	515.30	1/4	876.18	1/4	1,236.70	1/4	1,597.59	1/4	1,958.48	1/4	2,319.32	1/4	2,680.11	1/4	3,040.44	1/4	3,399.59
1/2	161.94	1/2	522.82	1/2	883.70	1/2	1,244.21	1/2	1,605.11	1/2	1,966.00	1/2	2,326.83	1/2	2,687.63	1/2	3,047.95	1/2	3,407.07
3/4	169.46	3/4	530.34	3/4	891.21	3/4	1,251.73	3/4	1,612.63	3/4	1,973.52	3/4	2,334.35	3/4	2,695.14	3/4	3,055.45	3/4	3,414.56
6	176.97	6	537.85	6	898.73	6	1,259.25	6	1,620.14	6	1,981.04	6	2,341.87	6	2,702.66	6	3,062.95	6	3,422.04
1/4	184.49	1/4	545.37	1/4	906.25	1/4	1,266.77	1/4	1,627.66	1/4	1,988.56	1/4	2,349.38	1/4	2,710.17	1/4	3,070.46	1/4	3,429.52
1/2	192.01	1/2	552.89	1/2	913.76	1/2	1,274.29	1/2	1,635.18	1/2	1,996.07	1/2	2,356.90	1/2	2,717.69	1/2	3,077.96	1/2	3,437.01
3/4	199.53	3/4	560.41	3/4	921.27	3/4	1,281.81	3/4	1,642.70	3/4	2,003.59	3/4	2,364.42	3/4	2,725.20	3/4	3,085.46	3/4	3,444.49
7	207.05	7	567.93	7	928.79	7	1,289.33	7	1,650.22	7	2,011.11	7	2,371.93	7	2,732.72	7	3,092.96	7	3,451.98
1/4	214.57	1/4	575.44	1/4	936.30	1/4	1,296.84	1/4	1,657.74	1/4	2,018.63	1/4	2,379.45	1/4	2,740.23	1/4	3,100.47	1/4	3,459.46
1/2	222.08	1/2	582.96	1/2	943.81	1/2	1,304.36	1/2	1,665.26	1/2	2,026.15	1/2	2,386.97	1/2	2,747.75	1/2	3,107.97	1/2	3,466.94
3/4	229.60	3/4	590.48	3/4	951.32	3/4	1,311.88	3/4	1,672.77	3/4	2,033.67	3/4	2,394.48	3/4	2,755.26	3/4	3,115.47	3/4	3,474.43
8	237.12	8	598.00	8	958.83	8	1,319.40	8	1,680.29	8	2,041.19	8	2,402.00	8	2,762.78	8	3,122.97	8	3,481.91
1/4	244.64	1/4	605.52	1/4	966.33	1/4	1,326.92	1/4	1,687.81	1/4	2,048.70	1/4	2,409.52	1/4	2,770.30	1/4	3,130.48	1/4	3,489.40
1/2	252.16	1/2	613.04	1/2	973.84	1/2	1,334.44	1/2	1,695.33	1/2	2,056.22	1/2	2,417.04	1/2	2,777.81	1/2	3,137.98	1/2	3,496.88
3/4	259.68	3/4	620.55	3/4	981.35	3/4	1,341.96	3/4	1,702.85	3/4	2,063.74	3/4	2,424.55	3/4	2,785.33	3/4	3,145.48	3/4	3,504.36
9	267.19	9	628.07	9	988.86	9	1,349.47	9	1,710.37	9	2,071.26	9	2,432.07	9	2,792.85	9	3,152.98	9	3,511.85
1/4	274.71	1/4	635.59	1/4	996.37	1/4	1,356.99	1/4	1,717.89	1/4	2,078.78	1/4	2,439.59	1/4	2,800.35	1/4	3,160.46	1/4	3,519.32
1/2	282.23	1/2	643.11	1/2	1,003.88	1/2	1,364.51	1/2	1,725.40	1/2	2,086.29	1/2	2,447.10	1/2	2,807.86	1/2	3,167.93	1/2	3,520.80
3/4	289.75	3/4	650.63	3/4	1,011.39	3/4	1,372.03	3/4	1,732.92	3/4	2,093.81	3/4	2,454.62	3/4	2,815.36	3/4	3,175.40	3/4	3,525.27
10	297.27	10	658.15	10	1,018.90	10	1,379.55	10	1,740.44	10	2,101.33	10	2,462.14	10	2,822.87	10	3,182.87	10	3,529.75
1/4	304.79	1/4	665.66	1/4	1,026.41	1/4	1,387.07	1/4	1,747.96	1/4	2,108.84	1/4	2,469.65	1/4	2,830.37	1/4	3,190.34	1/4	3,533.80
1/2	312.30	1/2	673.18	1/2	1,033.92	1/2	1,394.59	1/2	1,755.48	1/2	2,116.36	1/2	2,477.17	1/2	2,837.87	1/2	3,197.81	1/2	3,537.84
3/4	319.82	3/4	680.70	3/4	1,041.43	3/4	1,402.10	3/4	1,763.00	3/4	2,123.88	3/4	2,484.69	3/4	2,845.37	3/4	3,205.28	3/4	3,541.89
11	327.34	11	688.22	11	1,048.94	11	1,409.62	11	1,770.52	11	2,131.39	11	2,492.20	11	2,852.88	11	3,212.75	11	3,545.93
1/4	334.86	1/4	695.74	1/4	1,056.44	1/4	1,417.14	1/4	1,778.03	1/4	2,138.91	1/4	2,499.72	1/4	2,860.38	1/4	3,220.22	1/4	3,549.98
1/2	342.38	1/2	703.26	1/2	1,063.95	1/2	1,424.66	1/2	1,785.55	1/2	2,146.43	1/2	2,507.24	1/2	2,867.88	1/2	3,227.68	1/2	3,554.02
3/4	349.90	3/4	710.77	3/4	1,071.46	3/4	1,432.18	3/4	1,793.07	3/4	2,153.94	3/4	2,514.76	3/4	2,875.39	3/4	3,235.15	3/4	3,558.07

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 56'-08" 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 322"

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	3,562.12	0	3,756.29	0	3,946.41	0	4,129.43	0	4,304.57	0		0		0		0		0	
1/4	3,566.16	1/4	3,760.31	1/4	3,950.29	1/4	4,133.16	1/4	4,308.10	1/4		1/4		1/4		1/4		1/4	
1/2	3,570.21	1/2	3,764.34	1/2	3,954.17	1/2	4,136.89	1/2	4,311.64	1/2		1/2		1/2		1/2		1/2	
3/4	3,574.25	3/4	3,768.37	3/4	3,958.05	3/4	4,140.63	3/4	4,315.17	3/4		3/4		3/4		3/4		3/4	
1	3,578.30	1	3,772.40	1	3,961.93	1	4,144.36	1	4,318.70	1		1		1		1		1	
1/4	3,582.34	1/4	3,776.42	1/4	3,965.80	1/4	4,148.07	1/4	4,322.22	1/4		1/4		1/4		1/4		1/4	
1/2	3,586.39	1/2	3,780.43	1/2	3,969.67	1/2	4,151.77	1/2	4,325.74	1/2		1/2		1/2		1/2		1/2	
3/4	3,590.44	3/4	3,784.45	3/4	3,973.54	3/4	4,155.48	3/4	4,329.26	3/4		3/4		3/4		3/4		3/4	
2	3,594.48	2	3,788.47	2	3,977.40	2	4,159.19	2	4,332.78	2		2		2		2		2	
1/4	3,598.53	1/4	3,792.47	1/4	3,981.26	1/4	4,162.88	1/4	4,336.28	1/4		1/4		1/4		1/4		1/4	
1/2	3,602.57	1/2	3,796.47	1/2	3,985.12	1/2	4,166.58	1/2	4,339.79	1/2		1/2		1/2		1/2		1/2	
3/4	3,606.62	3/4	3,800.48	3/4	3,988.97	3/4	4,170.27	3/4	4,343.30	3/4		3/4		3/4		3/4		3/4	
3	3,610.66	3	3,804.48	3	3,992.83	3	4,173.96	3	4,346.80	3		3		3		3		3	
1/4	3,614.71	1/4	3,808.47	1/4	3,996.67	1/4	4,177.64	1/4	4,350.30	1/4		1/4		1/4		1/4		1/4	
1/2	3,618.76	1/2	3,812.47	1/2	4,000.52	1/2	4,181.32	1/2	4,353.79	1/2		1/2		1/2		1/2		1/2	
3/4	3,622.80	3/4	3,816.46	3/4	4,004.36	3/4	4,185.01	3/4	4,357.29	3/4		3/4		3/4		3/4		3/4	
4	3,626.85	4	3,820.45	4	4,008.20	4	4,188.69	4	4,360.78	4		4		4		4		4	
1/4	3,630.89	1/4	3,824.43	1/4	4,012.04	1/4	4,192.36	1/4	4,364.27	1/4		1/4		1/4		1/4		1/4	
1/2	3,634.94	1/2	3,828.41	1/2	4,015.87	1/2	4,196.02	1/2	4,367.75	1/2		1/2		1/2		1/2		1/2	
3/4	3,638.98	3/4	3,832.39	3/4	4,019.70	3/4	4,199.69	3/4	4,371.23	3/4		3/4		3/4		3/4		3/4	
5	3,643.03	5	3,836.37	5	4,023.53	5	4,203.36	5	4,374.71	5		5		5		5		5	
1/4	3,647.08	1/4	3,840.33	1/4	4,027.35	1/4	4,207.02	1/4	4,378.51	1/4		1/4		1/4		1/4		1/4	
1/2	3,651.12	1/2	3,844.30	1/2	4,031.17	1/2	4,210.68	1/2	4,382.30	1/2		1/2		1/2		1/2		1/2	
3/4	3,655.17	3/4	3,848.27	3/4	4,034.99	3/4	4,214.33	3/4	4,386.09	3/4		3/4		3/4		3/4		3/4	
6	3,659.21	6	3,852.23	6	4,038.81	6	4,217.99	6	4,389.89	6		6		6		6		6	
1/4	3,663.26	1/4	3,856.19	1/4	4,042.61	1/4	4,221.63	1/4	4,392.76	1/4		1/4		1/4		1/4		1/4	
1/2	3,667.30	1/2	3,860.14	1/2	4,046.42	1/2	4,225.28	1/2	4,395.64	1/2		1/2		1/2		1/2		1/2	
3/4	3,671.35	3/4	3,864.10	3/4	4,050.23	3/4	4,228.92	3/4	4,398.52	3/4		3/4		3/4		3/4		3/4	
7	3,675.40	7	3,868.05	7	4,054.03	7	4,232.56	7	4,401.40	7		7		7		7		7	
1/4	3,679.44	1/4	3,872.00	1/4	4,057.83	1/4	4,236.20	1/4	4,403.05	1/4		1/4		1/4		1/4		1/4	
1/2	3,683.49	1/2	3,875.94	1/2	4,061.62	1/2	4,239.83	1/2	4,404.71	1/2		1/2		1/2		1/2		1/2	
3/4	3,687.53	3/4	3,879.88	3/4	4,065.42	3/4	4,243.46	3/4	4,406.36	3/4		3/4		3/4		3/4		3/4	
8	3,691.58	8	3,883.82	8	4,069.21	8	4,247.09	8	4,408.02	8		8		8		8		8	
1/4	3,695.62	1/4	3,887.75	1/4	4,072.99	1/4	4,250.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,699.67	1/2	3,891.68	1/2	4,076.77	1/2	4,254.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,703.72	3/4	3,895.61	3/4	4,080.56	3/4	4,257.95	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,707.76	9	3,899.54	9	4,084.34	9	4,261.57	9		9		9		9		9		9	
1/4	3,711.81	1/4	3,903.46	1/4	4,088.11	1/4	4,265.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,715.85	1/2	3,907.38	1/2	4,091.88	1/2	4,268.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,719.90	3/4	3,911.30	3/4	4,095.65	3/4	4,272.39	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,723.94	10	3,915.21	10	4,099.42	10	4,276.00	10		10		10		10		10		10	
1/4	3,727.99	1/4	3,919.12	1/4	4,103.17	1/4	4,279.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,732.04	1/2	3,923.02	1/2	4,106.93	1/2	4,283.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,736.08	3/4	3,926.93	3/4	4,110.69	3/4	4,286.78	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,740.13	11	3,930.84	11	4,114.45	11	4,290.38	11		11		11		11		11		11	
1/4	3,744.17	1/4	3,934.73	1/4	4,118.19	1/4	4,293.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,748.21	1/2	3,938.62	1/2	4,121.94	1/2	4,297.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,752.25	3/4	3,942.52	3/4	4,125.68	3/4	4,301.02	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/22/2022 JS
CALCULATED: 12/22/2022 CL
PRINTED: 12/23/2022 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2022

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "DBL 322"

3 STBD 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	21.26	0	356.31	0	716.03	0	1,064.19	0	1,417.32	0	1,776.42	0	2,136.02	0	2,495.56	0	2,854.91	0	3,213.19
1/4	25.48	1/4	363.80	1/4	723.53	1/4	1,071.35	1/4	1,424.75	1/4	1,783.91	1/4	2,143.51	1/4	2,503.05	1/4	2,862.39	1/4	3,220.64
1/2	29.70	1/2	371.29	1/2	731.02	1/2	1,078.50	1/2	1,432.18	1/2	1,791.41	1/2	2,151.00	1/2	2,510.54	1/2	2,869.86	1/2	3,228.08
3/4	33.92	3/4	378.79	3/4	738.52	3/4	1,085.66	3/4	1,439.61	3/4	1,798.90	3/4	2,158.49	3/4	2,518.03	3/4	2,877.34	3/4	3,235.52
1	38.14	1	386.28	1	746.01	1	1,092.82	1	1,447.04	1	1,806.39	1	2,165.98	1	2,525.52	1	2,884.81	1	3,242.96
1/4	43.60	1/4	393.78	1/4	753.50	1/4	1,099.97	1/4	1,454.47	1/4	1,813.88	1/4	2,173.47	1/4	2,533.01	1/4	2,892.28	1/4	3,250.40
1/2	49.07	1/2	401.27	1/2	761.00	1/2	1,107.13	1/2	1,461.90	1/2	1,821.37	1/2	2,180.96	1/2	2,540.50	1/2	2,899.75	1/2	3,257.85
3/4	54.53	3/4	408.77	3/4	768.49	3/4	1,114.29	3/4	1,469.33	3/4	1,828.87	3/4	2,188.45	3/4	2,547.99	3/4	2,907.22	3/4	3,265.29
2	59.99	2	416.26	2	775.99	2	1,121.44	2	1,476.77	2	1,836.36	2	2,195.94	2	2,555.48	2	2,914.69	2	3,272.73
1/4	66.69	1/4	423.76	1/4	783.48	1/4	1,128.60	1/4	1,484.25	1/4	1,843.85	1/4	2,203.43	1/4	2,562.97	1/4	2,922.16	1/4	3,280.17
1/2	73.40	1/2	431.25	1/2	790.98	1/2	1,135.76	1/2	1,491.73	1/2	1,851.34	1/2	2,210.92	1/2	2,570.46	1/2	2,929.63	1/2	3,287.61
3/4	80.10	3/4	438.74	3/4	798.47	3/4	1,142.91	3/4	1,499.22	3/4	1,858.84	3/4	2,218.41	3/4	2,577.95	3/4	2,937.10	3/4	3,295.06
3	86.80	3	446.24	3	805.96	3	1,150.07	3	1,506.70	3	1,866.33	3	2,225.90	3	2,585.44	3	2,944.57	3	3,302.50
1/4	94.22	1/4	453.73	1/4	813.21	1/4	1,157.47	1/4	1,514.19	1/4	1,873.82	1/4	2,233.39	1/4	2,592.93	1/4	2,952.04	1/4	3,309.95
1/2	101.63	1/2	461.23	1/2	820.45	1/2	1,164.88	1/2	1,521.69	1/2	1,881.31	1/2	2,240.89	1/2	2,600.42	1/2	2,959.50	1/2	3,317.41
3/4	109.05	3/4	468.72	3/4	827.70	3/4	1,172.28	3/4	1,529.18	3/4	1,888.80	3/4	2,248.38	3/4	2,607.91	3/4	2,966.97	3/4	3,324.86
4	116.47	4	476.22	4	834.94	4	1,179.69	4	1,536.67	4	1,896.30	4	2,255.87	4	2,615.40	4	2,974.44	4	3,332.32
1/4	123.96	1/4	483.71	1/4	842.13	1/4	1,187.10	1/4	1,544.16	1/4	1,903.79	1/4	2,263.36	1/4	2,622.89	1/4	2,981.91	1/4	3,339.78
1/2	131.46	1/2	491.20	1/2	849.31	1/2	1,194.52	1/2	1,551.66	1/2	1,911.28	1/2	2,270.85	1/2	2,630.38	1/2	2,989.38	1/2	3,347.23
3/4	138.96	3/4	498.70	3/4	856.50	3/4	1,201.93	3/4	1,559.15	3/4	1,918.77	3/4	2,278.34	3/4	2,637.87	3/4	2,996.85	3/4	3,354.69
5	146.46	5	506.19	5	863.69	5	1,209.35	5	1,566.64	5	1,926.27	5	2,285.83	5	2,645.36	5	3,004.32	5	3,362.15
1/4	153.96	1/4	513.69	1/4	870.87	1/4	1,216.76	1/4	1,574.13	1/4	1,933.76	1/4	2,293.32	1/4	2,652.85	1/4	3,011.78	1/4	3,369.61
1/2	161.45	1/2	521.18	1/2	878.05	1/2	1,224.17	1/2	1,581.62	1/2	1,941.25	1/2	2,300.81	1/2	2,660.33	1/2	3,019.25	1/2	3,377.06
3/4	168.95	3/4	528.68	3/4	885.23	3/4	1,231.59	3/4	1,589.12	3/4	1,948.74	3/4	2,308.30	3/4	2,667.82	3/4	3,026.72	3/4	3,384.52
6	176.44	6	536.17	6	892.41	6	1,239.00	6	1,596.61	6	1,956.23	6	2,315.79	6	2,675.31	6	3,034.19	6	3,391.98
1/4	183.94	1/4	543.66	1/4	899.58	1/4	1,246.43	1/4	1,604.10	1/4	1,963.73	1/4	2,323.28	1/4	2,682.80	1/4	3,041.66	1/4	3,399.44
1/2	191.43	1/2	551.16	1/2	906.74	1/2	1,253.86	1/2	1,611.59	1/2	1,971.22	1/2	2,330.77	1/2	2,690.29	1/2	3,049.13	1/2	3,406.89
3/4	198.93	3/4	558.65	3/4	913.90	3/4	1,261.29	3/4	1,619.09	3/4	1,978.71	3/4	2,338.26	3/4	2,697.78	3/4	3,056.60	3/4	3,414.35
7	206.42	7	566.15	7	921.06	7	1,268.71	7	1,626.58	7	1,986.20	7	2,345.75	7	2,705.27	7	3,064.06	7	3,421.81
1/4	213.91	1/4	573.64	1/4	928.22	1/4	1,276.14	1/4	1,634.07	1/4	1,993.70	1/4	2,353.24	1/4	2,712.76	1/4	3,071.54	1/4	3,429.27
1/2	221.41	1/2	581.14	1/2	935.38	1/2	1,283.57	1/2	1,641.56	1/2	2,001.19	1/2	2,360.73	1/2	2,720.25	1/2	3,079.02	1/2	3,436.72
3/4	228.90	3/4	588.63	3/4	942.53	3/4	1,291.01	3/4	1,649.05	3/4	2,008.68	3/4	2,368.22	3/4	2,727.74	3/4	3,086.49	3/4	3,444.18
8	236.40	8	596.12	8	949.69	8	1,298.44	8	1,656.55	8	2,016.17	8	2,375.71	8	2,735.22	8	3,093.97	8	3,451.64
1/4	243.89	1/4	603.62	1/4	956.85	1/4	1,305.87	1/4	1,664.04	1/4	2,023.66	1/4	2,383.20	1/4	2,742.72	1/4	3,101.44	1/4	3,459.10
1/2	251.39	1/2	611.11	1/2	964.00	1/2	1,313.30	1/2	1,671.53	1/2	2,031.15	1/2	2,390.69	1/2	2,750.21	1/2	3,108.92	1/2	3,466.55
3/4	258.88	3/4	618.61	3/4	971.16	3/4	1,320.73	3/4	1,679.02	3/4	2,038.64	3/4	2,398.18	3/4	2,757.70	3/4	3,116.40	3/4	3,474.01
9	266.37	9	626.10	9	978.31	9	1,328.16	9	1,686.52	9	2,046.13	9	2,405.67	9	2,765.19	9	3,123.87	9	3,481.47
1/4	273.87	1/4	633.60	1/4	985.47	1/4	1,335.59	1/4	1,694.01	1/4	2,053.63	1/4	2,413.16	1/4	2,772.67	1/4	3,131.32	1/4	3,488.92
1/2	281.36	1/2	641.09	1/2	992.63	1/2	1,343.02	1/2	1,701.50	1/2	2,061.12	1/2	2,420.65	1/2	2,780.14	1/2	3,138.77	1/2	3,490.38
3/4	288.86	3/4	648.58	3/4	999.78	3/4	1,350.45	3/4	1,708.99	3/4	2,068.61	3/4	2,428.15	3/4	2,787.62	3/4	3,146.21	3/4	3,494.83
10	296.35	10	656.08	10	1,006.94	10	1,357.88	10	1,716.48	10	2,076.10	10	2,435.64	10	2,795.10	10	3,153.66	10	3,499.28
1/4	303.85	1/4	663.57	1/4	1,014.10	1/4	1,365.31	1/4	1,723.98	1/4	2,083.59	1/4	2,443.13	1/4	2,802.58	1/4	3,161.10	1/4	3,503.30
1/2	311.34	1/2	671.07	1/2	1,021.25	1/2	1,372.74	1/2	1,731.47	1/2	2,091.08	1/2	2,450.62	1/2	2,810.05	1/2	3,168.54	1/2	3,507.33
3/4	318.83	3/4	678.56	3/4	1,028.41	3/4	1,380.17	3/4	1,738.96	3/4	2,098.57	3/4	2,458.11	3/4	2,817.53	3/4	3,175.98	3/4	3,511.35
11	326.33	11	686.06	11	1,035.57	11	1,387.60	11	1,746.45	11	2,106.06	11	2,465.60	11	2,825.00	11	3,183.43	11	3,515.37
1/4	333.82	1/4	693.55	1/4	1,042.72	1/4	1,395.03	1/4	1,753.94	1/4	2,113.55	1/4	2,473.09	1/4	2,832.48	1/4	3,190.87	1/4	3,519.40
1/2	341.32	1/2	701.04	1/2	1,049.88	1/2	1,402.46	1/2	1,761.44	1/2	2,121.04	1/2	2,480.58	1/2	2,839.96	1/2	3,198.31	1/2	3,523.42
3/4	348.81	3/4	708.54	3/4	1,057.03	3/4	1,409.89	3/4	1,768.93	3/4	2,128.53	3/4	2,488.07	3/4	2,847.43	3/4	3,205.75	3/4	3,527.44

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 56'-08" 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 322"

3 STBD 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	3,531.47	0	3,724.56	0	3,913.62	0	4,095.57	0	4,269.67	0		0		0		0		0	
1/4	3,535.49	1/4	3,728.57	1/4	3,917.48	1/4	4,099.29	1/4	4,273.18	1/4		1/4		1/4		1/4		1/4	
1/2	3,539.51	1/2	3,732.58	1/2	3,921.33	1/2	4,103.00	1/2	4,276.69	1/2		1/2		1/2		1/2		1/2	
3/4	3,543.54	3/4	3,736.58	3/4	3,925.19	3/4	4,106.71	3/4	4,280.20	3/4		3/4		3/4		3/4		3/4	
1	3,547.56	1	3,740.59	1	3,929.05	1	4,110.42	1	4,283.71	1		1		1		1		1	
1/4	3,551.58	1/4	3,744.58	1/4	3,932.90	1/4	4,114.10	1/4	4,287.21	1/4		1/4		1/4		1/4		1/4	
1/2	3,555.61	1/2	3,748.58	1/2	3,936.74	1/2	4,117.79	1/2	4,290.70	1/2		1/2		1/2		1/2		1/2	
3/4	3,559.63	3/4	3,752.57	3/4	3,940.59	3/4	4,121.47	3/4	4,294.20	3/4		3/4		3/4		3/4		3/4	
2	3,563.65	2	3,756.57	2	3,944.44	2	4,125.16	2	4,297.70	2		2		2		2		2	
1/4	3,567.68	1/4	3,760.55	1/4	3,948.27	1/4	4,128.83	1/4	4,301.18	1/4		1/4		1/4		1/4		1/4	
1/2	3,571.70	1/2	3,764.53	1/2	3,952.10	1/2	4,132.50	1/2	4,304.67	1/2		1/2		1/2		1/2		1/2	
3/4	3,575.72	3/4	3,768.51	3/4	3,955.94	3/4	4,136.17	3/4	4,308.15	3/4		3/4		3/4		3/4		3/4	
3	3,579.75	3	3,772.49	3	3,959.77	3	4,139.85	3	4,311.64	3		3		3		3		3	
1/4	3,583.77	1/4	3,776.46	1/4	3,963.59	1/4	4,143.51	1/4	4,315.11	1/4		1/4		1/4		1/4		1/4	
1/2	3,587.79	1/2	3,780.43	1/2	3,967.41	1/2	4,147.16	1/2	4,318.58	1/2		1/2		1/2		1/2		1/2	
3/4	3,591.82	3/4	3,784.40	3/4	3,971.24	3/4	4,150.82	3/4	4,322.06	3/4		3/4		3/4		3/4		3/4	
4	3,595.84	4	3,788.37	4	3,975.06	4	4,154.48	4	4,325.53	4		4		4		4		4	
1/4	3,599.86	1/4	3,792.33	1/4	3,978.87	1/4	4,158.13	1/4	4,328.99	1/4		1/4		1/4		1/4		1/4	
1/2	3,603.88	1/2	3,796.28	1/2	3,982.68	1/2	4,161.78	1/2	4,332.45	1/2		1/2		1/2		1/2		1/2	
3/4	3,607.91	3/4	3,800.24	3/4	3,986.49	3/4	4,165.42	3/4	4,335.91	3/4		3/4		3/4		3/4		3/4	
5	3,611.93	5	3,804.20	5	3,990.30	5	4,169.07	5	4,339.37	5		5		5		5		5	
1/4	3,615.95	1/4	3,808.14	1/4	3,994.09	1/4	4,172.71	1/4	4,343.14	1/4		1/4		1/4		1/4		1/4	
1/2	3,619.98	1/2	3,812.09	1/2	3,997.89	1/2	4,176.34	1/2	4,346.92	1/2		1/2		1/2		1/2		1/2	
3/4	3,624.00	3/4	3,816.03	3/4	4,001.69	3/4	4,179.97	3/4	4,350.69	3/4		3/4		3/4		3/4		3/4	
6	3,628.02	6	3,819.98	6	4,005.48	6	4,183.61	6	4,354.46	6		6		6		6		6	
1/4	3,632.05	1/4	3,823.91	1/4	4,009.27	1/4	4,187.23	1/4	4,357.32	1/4		1/4		1/4		1/4		1/4	
1/2	3,636.07	1/2	3,827.84	1/2	4,013.05	1/2	4,190.85	1/2	4,360.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,640.09	3/4	3,831.77	3/4	4,016.84	3/4	4,194.48	3/4	4,363.03	3/4		3/4		3/4		3/4		3/4	
7	3,644.12	7	3,835.71	7	4,020.62	7	4,198.10	7	4,365.89	7		7		7		7		7	
1/4	3,648.14	1/4	3,839.63	1/4	4,024.39	1/4	4,201.71	1/4	4,367.53	1/4		1/4		1/4		1/4		1/4	
1/2	3,652.16	1/2	3,843.55	1/2	4,028.17	1/2	4,205.32	1/2	4,369.16	1/2		1/2		1/2		1/2		1/2	
3/4	3,656.19	3/4	3,847.47	3/4	4,031.94	3/4	4,208.93	3/4	4,370.80	3/4		3/4		3/4		3/4		3/4	
8	3,660.21	8	3,851.39	8	4,035.71	8	4,212.54	8	4,372.44	8		8		8		8		8	
1/4	3,664.23	1/4	3,855.30	1/4	4,039.47	1/4	4,216.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,668.26	1/2	3,859.20	1/2	4,043.23	1/2	4,219.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,672.28	3/4	3,863.11	3/4	4,046.99	3/4	4,223.33	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,676.30	9	3,867.02	9	4,050.75	9	4,226.93	9		9		9		9		9		9	
1/4	3,680.33	1/4	3,870.91	1/4	4,054.50	1/4	4,230.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,684.35	1/2	3,874.81	1/2	4,058.25	1/2	4,234.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,688.37	3/4	3,878.71	3/4	4,061.99	3/4	4,237.68	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,692.40	10	3,882.60	10	4,065.74	10	4,241.27	10		10		10		10		10		10	
1/4	3,696.42	1/4	3,886.48	1/4	4,069.48	1/4	4,244.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,700.44	1/2	3,890.37	1/2	4,073.21	1/2	4,248.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,704.46	3/4	3,894.25	3/4	4,076.95	3/4	4,251.99	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,708.49	11	3,898.13	11	4,080.68	11	4,255.56	11		11		11		11		11		11	
1/4	3,712.51	1/4	3,902.00	1/4	4,084.41	1/4	4,259.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,716.53	1/2	3,905.87	1/2	4,088.13	1/2	4,262.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,720.54	3/4	3,909.75	3/4	4,091.85	3/4	4,266.14	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/22/2022 JS
CALCULATED: 12/22/2022 CL
PRINTED: 12/23/2022 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2022

PRECISION MEASUREMENT
& ANALYSIS, INC.
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<http://www.pmacorp.net>



BARGE "DBL 322"

SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 5'-05 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	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			1/4
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			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			3/4
1	48	1	626	1	1,203	1	1,780	1	2,358	1		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			1/4
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			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			3/4
2	96	2	674	2	1,251	2	1,828	2	2,406	2		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			1/4
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			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			3/4
3	144	3	722	3	1,299	3	1,877	3	2,454	3		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			1/4
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			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			3/4
4	192	4	770	4	1,347	4	1,925	4	2,502	4		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			1/4
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			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			3/4
5	241	5	818	5	1,395	5	1,973	5	2,550	5		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			1/4
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			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			3/4
6	289	6	866	6	1,444	6	2,021	6	2,598	6		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			1/4
1/2	313	1/2	890	1/2	1,468	1/2	2,045	1/2		1/2		1/2		1/2		1/2			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			3/4
7	337	7	914	7	1,492	7	2,069	7		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			1/4
1/2	361	1/2	938	1/2	1,516	1/2	2,093	1/2		1/2		1/2		1/2		1/2			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			3/4
8	385	8	962	8	1,540	8	2,117	8		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			1/4
1/2	409	1/2	986	1/2	1,564	1/2	2,141	1/2		1/2		1/2		1/2		1/2			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			3/4
9	433	9	1,010	9	1,588	9	2,165	9		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			1/4
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			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			3/4
10	481	10	1,059	10	1,636	10	2,213	10		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			1/4
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			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			3/4
11	529	11	1,107	11	1,684	11	2,261	11		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			1/4
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			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			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 322"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GUAGE HEIGHT: 4'-0 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	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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