



BARGE "DBL 28"

ULLAGE TRIM TABLE
HERMETIC

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

(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)

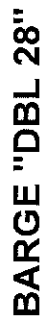
THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS 00-7/8"
FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 7/8"

LENGTH BETWEEN DRAFT MARKS: 236'-06"

August 16, 2016

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

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1 PORT
ULLAGE TAB

VILLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

[illegible]

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 27.

**BARGE SHAKED AND COMPILED IN ACCORDANCE WITH INFILTS
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.**

CAPACITY TABLE ONE | AFFLIES WHEN BARGE IS ON EVEN
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF LAKE.

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SHEET NO. 1 OF 12



BARGE "DBL 28"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-08 3/4"

IN	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	2,662.62	0	1,975.65	0	1,632.16	0	1,288.67	0	945.18	0
1/4	2,655.47	1/4	1,968.49	1/4	1,625.00	1/4	1,281.52	1/4	938.03	1/4
1/2	2,648.31	1/2	1,961.34	1/2	1,617.85	1/2	1,274.36	1/2	930.87	1/2
3/4	2,641.16	3/4	1,954.18	3/4	1,610.69	3/4	1,267.21	3/4	923.72	3/4
1	2,634.00	1	1,947.02	1	1,603.53	1	1,260.05	1	916.56	1
1/4	2,626.84	1/4	1,939.87	1/4	1,596.38	1/4	1,252.89	1/4	909.40	1/4
1/2	2,619.69	1/2	1,932.71	1/2	1,589.22	1/2	1,245.74	1/2	902.25	1/2
3/4	2,612.53	3/4	1,925.56	3/4	1,582.07	3/4	1,238.58	3/4	895.09	3/4
2	2,605.37	2	1,918.40	2	1,574.91	2	1,231.42	2	887.93	2
1/4	2,598.22	1/4	1,911.24	1/4	1,567.76	1/4	1,224.27	1/4	880.78	1/4
1/2	2,591.06	1/2	1,904.09	1/2	1,560.60	1/2	1,217.11	1/2	873.62	1/2
3/4	2,583.91	3/4	1,896.93	3/4	1,553.45	3/4	1,209.96	3/4	866.47	3/4
3	2,576.75	3	1,889.77	3	1,546.29	3	1,202.80	3	859.31	3
1/4	2,569.60	1/4	1,882.62	1/4	1,539.13	1/4	1,195.64	1/4	852.16	1/4
1/2	2,562.44	1/2	1,875.46	1/2	1,531.98	1/2	1,188.49	1/2	845.00	1/2
3/4	2,555.29	3/4	1,868.31	3/4	1,524.82	3/4	1,181.33	3/4	837.85	3/4
4	2,548.13	4	1,861.15	4	1,517.66	4	1,174.17	4	830.69	4
1/4	2,540.97	1/4	1,854.00	1/4	1,510.51	1/4	1,167.02	1/4	823.53	1/4
1/2	2,533.82	1/2	1,846.84	1/2	1,503.35	1/2	1,159.86	1/2	816.38	1/2
3/4	2,526.66	3/4	1,839.69	3/4	1,496.20	3/4	1,152.71	3/4	809.22	3/4
5	2,519.50	5	1,832.53	5	1,489.04	5	1,145.55	5	802.06	5
1/4	2,512.35	1/4	1,825.37	1/4	1,481.88	1/4	1,138.40	1/4	794.91	1/4
1/2	2,505.19	1/2	1,818.22	1/2	1,474.73	1/2	1,131.24	1/2	787.75	1/2
3/4	2,498.04	3/4	1,811.06	3/4	1,467.57	3/4	1,124.09	3/4	780.60	3/4
6	2,490.88	6	1,803.90	6	1,460.41	6	1,116.93	6	773.44	6
1/4	2,483.72	1/4	1,796.75	1/4	1,453.26	1/4	1,109.77	1/4	766.28	1/4
1/2	2,476.57	1/2	1,789.59	1/2	1,446.10	1/2	1,102.62	1/2	759.13	1/2
3/4	2,469.41	3/4	1,782.44	3/4	1,438.95	3/4	1,095.46	3/4	751.97	3/4
7	2,462.26	7	1,775.28	7	1,431.79	7	1,088.30	7	744.81	7
1/4	2,455.10	1/4	1,768.12	1/4	1,424.64	1/4	1,081.15	1/4	737.66	1/4
1/2	2,447.94	1/2	1,760.97	1/2	1,417.48	1/2	1,073.99	1/2	730.50	1/2
3/4	2,440.79	3/4	1,753.81	3/4	1,410.33	3/4	1,066.84	3/4	723.35	3/4
8	2,433.63	8	1,746.65	8	1,403.17	8	1,059.68	8	716.19	8
1/4	2,426.48	1/4	1,739.50	1/4	1,396.01	1/4	1,052.52	1/4	709.04	1/4
1/2	2,419.32	1/2	1,732.34	1/2	1,388.86	1/2	1,045.37	1/2	701.88	1/2
3/4	2,412.17	3/4	1,725.19	3/4	1,381.70	3/4	1,038.21	3/4	694.73	3/4
9	2,405.01	9	1,718.03	9	1,374.54	9	1,031.05	9	687.57	9
1/4	2,397.85	1/4	1,710.88	1/4	1,367.39	1/4	1,023.90	1/4	680.41	1/4
1/2	2,390.70	1/2	1,703.72	1/2	1,360.23	1/2	1,016.74	1/2	673.26	1/2
3/4	2,383.54	3/4	1,696.57	3/4	1,353.08	3/4	1,009.59	3/4	666.10	3/4
10	2,376.38	10	1,689.41	10	1,345.92	10	1,002.43	10	658.94	10
1/4	2,369.23	1/4	1,682.25	1/4	1,338.76	1/4	995.28	1/4	651.79	1/4
1/2	2,362.07	1/2	1,675.10	1/2	1,331.61	1/2	988.12	1/2	644.63	1/2
3/4	2,354.92	3/4	1,667.94	3/4	1,324.45	3/4	980.97	3/4	637.48	3/4
11	2,347.76	11	1,660.78	11	1,317.29	11	973.81	11	630.32	11
1/4	2,340.60	1/4	1,653.63	1/4	1,310.14	1/4	966.65	1/4	623.16	1/4
1/2	2,333.45	1/2	1,646.47	1/2	1,302.98	1/2	959.50	1/2	616.01	1/2
3/4	2,326.29	3/4	1,639.32	3/4	1,295.83	3/4	952.34	3/4	608.85	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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RECOMPUTED: 08/15/2016 SW
PRINTED: 08/17/2016 JS
CANCELS AND SUPERCEDES
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1STBD

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

[illegible]

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH NPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

TABLE CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE, GAUGE POINT: (HERMETIC) LOCATED 12'-00" OFF CENTERLINE AND 33'-03" FORWARD OF AFT BULKHEAD.

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SHEET NO. 3 OF 12



BARGE "DBL 28"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-08 1/4"

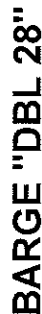
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,648.31	0	2,304.82	0	1,961.34	0	1,617.86	0	1,274.36	0	930.87	0	587.38	0	243.90	0			
1/4	2,641.16	1/4	2,297.67	1/4	1,954.18	1/4	1,610.89	1/4	1,267.21	1/4	923.72	1/4	580.23	1/4	236.74	1/4			
1/2	2,634.00	1/2	2,290.51	1/2	1,947.02	1/2	1,603.53	1/2	1,260.05	1/2	916.56	1/2	573.07	1/2	229.58	1/2			
3/4	2,626.84	3/4	2,283.36	3/4	1,939.87	3/4	1,596.38	3/4	1,252.89	3/4	909.40	3/4	565.92	3/4	222.43	3/4			
1	2,619.69	1	2,276.20	1	1,932.71	1	1,589.22	1	1,245.74	1	902.25	1	558.76	1	215.27	1			
1/4	2,612.53	1/4	2,269.05	1/4	1,925.56	1/4	1,582.07	1/4	1,238.58	1/4	895.09	1/4	551.61	1/4	208.12	1/4			
1/2	2,605.37	1/2	2,261.89	1/2	1,918.40	1/2	1,574.91	1/2	1,231.42	1/2	887.93	1/2	544.45	1/2	200.96	1/2			
3/4	2,598.22	3/4	2,254.73	3/4	1,911.24	3/4	1,567.76	3/4	1,224.27	3/4	880.78	3/4	537.29	3/4	193.81	3/4			
2	2,591.06	2	2,247.58	2	1,904.09	2	1,560.60	2	1,217.11	2	873.62	2	530.14	2	186.65	2			
1/4	2,583.91	1/4	2,240.42	1/4	1,896.93	1/4	1,553.45	1/4	1,209.96	1/4	866.47	1/4	522.98	1/4	179.50	1/4			
1/2	2,576.75	1/2	2,233.26	1/2	1,889.77	1/2	1,546.29	1/2	1,202.80	1/2	859.31	1/2	515.82	1/2	172.34	1/2			
3/4	2,569.60	3/4	2,226.11	3/4	1,882.62	3/4	1,539.13	3/4	1,195.64	3/4	852.16	3/4	508.67	3/4	165.18	3/4			
3	2,562.44	3	2,218.95	3	1,875.46	3	1,531.98	3	1,188.49	3	845.00	3	501.51	3	158.03	3			
1/4	2,555.29	1/4	2,211.80	1/4	1,868.31	1/4	1,524.82	1/4	1,181.33	1/4	837.85	1/4	494.36	1/4	150.87	1/4			
1/2	2,548.13	1/2	2,204.64	1/2	1,861.15	1/2	1,517.66	1/2	1,174.17	1/2	830.69	1/2	487.20	1/2	143.71	1/2			
3/4	2,540.97	3/4	2,197.48	3/4	1,854.00	3/4	1,510.51	3/4	1,167.02	3/4	823.53	3/4	480.04	3/4	136.56	3/4			
4	2,533.82	4	2,190.33	4	1,846.84	4	1,503.35	4	1,159.86	4	816.38	4	472.89	4	129.40	4			
1/4	2,526.66	1/4	2,183.17	1/4	1,839.69	1/4	1,496.20	1/4	1,152.71	1/4	809.22	1/4	465.73	1/4	122.25	1/4			
1/2	2,519.50	1/2	2,176.01	1/2	1,832.53	1/2	1,489.04	1/2	1,145.55	1/2	802.06	1/2	458.57	1/2	115.09	1/2			
3/4	2,512.35	3/4	2,168.86	3/4	1,825.37	3/4	1,481.88	3/4	1,138.40	3/4	794.91	3/4	451.42	3/4	107.93	3/4			
5	2,505.19	5	2,161.70	5	1,818.22	5	1,474.73	5	1,131.24	5	787.75	5	444.26	5	100.78	5			
1/4	2,498.04	1/4	2,154.55	1/4	1,811.06	1/4	1,467.57	1/4	1,124.09	1/4	780.60	1/4	437.11	1/4	93.62	1/4			
1/2	2,490.88	1/2	2,147.39	1/2	1,803.90	1/2	1,460.41	1/2	1,116.93	1/2	773.44	1/2	429.95	1/2	86.46	1/2			
3/4	2,483.72	3/4	2,140.24	3/4	1,796.75	3/4	1,453.26	3/4	1,109.77	3/4	766.28	3/4	422.80	3/4	79.31	3/4			
6	2,476.57	6	2,133.08	6	1,789.59	6	1,446.10	6	1,102.62	6	759.13	6	415.64	6	72.15	6			
1/4	2,469.41	1/4	2,125.93	1/4	1,782.44	1/4	1,438.95	1/4	1,095.46	1/4	751.97	1/4	408.49	1/4	65.00	1/4			
1/2	2,462.25	1/2	2,118.77	1/2	1,775.28	1/2	1,431.79	1/2	1,088.30	1/2	744.81	1/2	401.33	1/2	58.84	1/2			
3/4	2,455.10	3/4	2,111.61	3/4	1,768.12	3/4	1,424.64	3/4	1,081.15	3/4	737.66	3/4	394.17	3/4	52.67	3/4			
7	2,447.94	7	2,104.46	7	1,760.97	7	1,417.48	7	1,073.99	7	730.50	7	387.02	7	46.51	7			
1/4	2,440.79	1/4	2,097.30	1/4	1,753.81	1/4	1,410.33	1/4	1,066.84	1/4	723.35	1/4	379.86	1/4	40.35	1/4			
1/2	2,433.63	1/2	2,090.14	1/2	1,746.65	1/2	1,403.17	1/2	1,059.68	1/2	716.19	1/2	372.70	1/2	35.58	1/2			
3/4	2,426.48	3/4	2,082.99	3/4	1,739.50	3/4	1,396.01	3/4	1,052.52	3/4	709.04	3/4	365.55	3/4	30.80	3/4			
8	2,419.32	8	2,075.83	8	1,732.34	8	1,388.86	8	1,045.37	8	701.88	8	358.39	8	26.03	8			
1/4	2,412.17	1/4	2,068.68	1/4	1,725.19	1/4	1,381.70	1/4	1,038.21	1/4	694.73	1/4	351.24	1/4	21.26	1/4			
1/2	2,405.01	1/2	2,061.52	1/2	1,718.03	1/2	1,374.54	1/2	1,031.05	1/2	687.57	1/2	344.08	1/2		1/2			
3/4	2,397.85	3/4	2,054.36	3/4	1,710.88	3/4	1,367.39	3/4	1,023.90	3/4	680.41	3/4	336.93	3/4		3/4			
9	2,390.70	9	2,047.21	9	1,703.72	9	1,360.23	9	1,016.74	9	673.26	9	329.77	9		9			
1/4	2,383.54	1/4	2,040.05	1/4	1,696.57	1/4	1,353.08	1/4	1,009.59	1/4	666.10	1/4	322.62	1/4		1/4			
1/2	2,376.38	1/2	2,032.89	1/2	1,689.41	1/2	1,345.92	1/2	1,002.43	1/2	658.94	1/2	315.46	1/2		1/2			
3/4	2,369.23	3/4	2,025.74	3/4	1,682.25	3/4	1,338.76	3/4	995.28	3/4	651.79	3/4	308.30	3/4		3/4			
10	2,362.07	10	2,018.58	10	1,675.10	10	1,331.61	10	988.12	10	644.63	10	301.15	10		10			
1/4	2,354.92	1/4	2,011.43	1/4	1,667.94	1/4	1,324.45	1/4	980.97	1/4	637.48	1/4	293.99	1/4		1/4			
1/2	2,347.76	1/2	2,004.27	1/2	1,660.78	1/2	1,317.29	1/2	973.81	1/2	630.32	1/2	286.83	1/2		1/2			
3/4	2,340.60	3/4	1,997.12	3/4	1,653.63	3/4	1,310.14	3/4	966.65	3/4	623.16	3/4	279.68	3/4		3/4			
11	2,333.45	11	1,989.96	11	1,646.47	11	1,302.98	11	959.50	11	616.01	11	272.52	11		11			
1/4	2,326.29	1/4	1,982.81	1/4	1,639.32	1/4	1,295.83	1/4	952.34	1/4	608.85	1/4	265.37	1/4		1/4			
1/2	2,319.13	1/2	1,975.65	1/2	1,632.16	1/2	1,288.67	1/2	945.18	1/2	601.69	1/2	258.21	1/2		1/2			
3/4	2,311.98	3/4	1,968.49	3/4	1,625.00	3/4	1,281.52	3/4	938.03	3/4	594.54	3/4	251.05	3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/06/2005
RECOMPUTED: 08/15/2016 SW
PRINTED: 08/17/2016 JS
CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2016

PRECISION MEASUREMENT
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Paul J. Mac



2 PORT

VILLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

[illegible]

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 27.

BARGE STAFF AND COMPILED IN ACCORDANCE WITH NFMS
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF RAIL.

**PRECISION MEASUREMENT
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SHEET NO. 5 OF 12



BARGE "DBL 28"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	2,468.19	0	2,148.79	0	1,829.40	0	1,510.01	0	1,190.82	0	872.27	0	547.87	0	233.48	0			
1/4	2,461.83	1/4	2,142.14	1/4	1,822.75	1/4	1,503.35	1/4	1,184.20	1/4	865.51	1/4	543.72	1/4	226.83	1/4	1/4	1/4	1/4
1/2	2,454.88	1/2	2,135.49	1/2	1,816.10	1/2	1,496.70	1/2	1,177.57	1/2	858.96	1/2	539.57	1/2	220.18	1/2	1/2	1/2	1/2
3/4	2,448.22	3/4	2,128.83	3/4	1,809.44	3/4	1,490.05	3/4	1,170.94	3/4	852.30	3/4	532.91	3/4	213.52	3/4	3/4	3/4	3/4
1	2,441.57	1	2,122.18	1	1,802.79	1	1,483.39	1	1,163.31	1	845.65	1	526.26	1	206.87	1	1	1	1
1/4	2,434.91	1/4	2,115.52	1/4	1,796.13	1/4	1,476.74	1/4	1,151.06	1/4	838.99	1/4	519.60	1/4	200.21	1/4	1/4	1/4	1/4
1/2	2,428.26	1/2	2,108.87	1/2	1,789.48	1/2	1,470.09	1/2	1,144.43	1/2	832.34	1/2	512.95	1/2	193.56	1/2	1/2	1/2	1/2
3/4	2,421.51	3/4	2,102.22	3/4	1,782.82	3/4	1,463.43	3/4	1,137.80	3/4	825.69	3/4	506.30	3/4	186.90	3/4	3/4	3/4	3/4
1	2,414.95	1	2,095.56	1	1,776.17	1	1,456.78	1	1,131.18	1	819.03	1	499.64	1	180.25	1	2	2	2
1/4	2,408.30	1/4	2,088.91	1/4	1,769.51	1/4	1,450.12	1/4	1,124.55	1/4	812.38	1/4	492.99	1/4	173.59	1/4	1/4	1/4	1/4
1/2	2,401.65	1/2	2,082.26	1/2	1,762.86	1/2	1,443.47	1/2	1,117.92	1/2	805.73	1/2	486.34	1/2	166.94	1/2	1/2	1/2	1/2
3/4	2,394.99	3/4	2,075.60	3/4	1,756.21	3/4	1,436.82	3/4	1,111.29	3/4	799.07	3/4	479.68	3/4	160.29	3/4	3/4	3/4	3/4
1	2,388.34	1	2,068.95	1	1,749.55	1	1,430.16	1	1,104.67	1	792.42	1	473.03	1	153.63	1	3	3	3
1/4	2,381.68	1/4	2,062.29	1/4	1,742.90	1/4	1,423.51	1/4	1,098.04	1/4	785.76	1/4	466.37	1/4	146.98	1/4	1/4	1/4	1/4
1/2	2,375.03	1/2	2,055.64	1/2	1,736.25	1/2	1,416.86	1/2	1,091.41	1/2	779.11	1/2	459.72	1/2	140.33	1/2	1/2	1/2	1/2
3/4	2,368.38	3/4	2,048.98	3/4	1,729.59	3/4	1,410.20	3/4	1,084.78	3/4	772.46	3/4	453.06	3/4	133.67	3/4	3/4	3/4	3/4
1	2,361.72	1	2,042.33	1	1,722.94	1	1,403.55	1	1,078.15	1	765.80	1	446.41	1	127.02	1	4	4	4
1/4	2,355.07	1/4	2,035.67	1/4	1,716.28	1/4	1,396.89	1/4	1,071.52	1/4	759.15	1/4	439.75	1/4	120.36	1/4	1/4	1/4	1/4
1/2	2,348.42	1/2	2,029.02	1/2	1,709.63	1/2	1,390.24	1/2	1,064.89	1/2	752.50	1/2	433.10	1/2	113.71	1/2	1/2	1/2	1/2
3/4	2,341.76	3/4	2,022.37	3/4	1,702.98	3/4	1,383.58	3/4	1,058.26	3/4	745.84	3/4	426.45	3/4	107.06	3/4	3/4	3/4	3/4
1	2,335.11	1	2,015.71	1	1,696.32	1	1,376.93	1	1,051.64	1	739.19	1	419.79	1	100.40	1	5	5	5
1/4	2,328.45	1/4	2,009.06	1/4	1,689.67	1/4	1,370.27	1/4	1,045.01	1/4	732.53	1/4	413.14	1/4	93.75	1/4	1/4	1/4	1/4
1/2	2,321.80	1/2	2,002.41	1/2	1,683.02	1/2	1,363.62	1/2	1,038.38	1/2	725.88	1/2	406.49	1/2	87.10	1/2	1/2	1/2	1/2
3/4	2,315.14	3/4	1,995.75	3/4	1,676.36	3/4	1,356.98	3/4	1,031.75	3/4	719.22	3/4	399.83	3/4	80.44	3/4	3/4	3/4	3/4
1	2,308.49	1	1,989.10	1	1,669.71	1	1,350.33	1	1,025.13	1	712.57	1	393.18	1	73.79	1	6	6	6
1/4	2,301.83	1/4	1,982.44	1/4	1,663.06	1/4	1,343.69	1/4	1,018.50	1/4	705.91	1/4	386.52	1/4	67.13	1/4	1/4	1/4	1/4
1/2	2,295.18	1/2	1,975.79	1/2	1,656.40	1/2	1,337.04	1/2	1,011.87	1/2	699.26	1/2	379.87	1/2	60.48	1/2	1/2	1/2	1/2
3/4	2,288.53	3/4	1,969.14	3/4	1,649.74	3/4	1,330.38	3/4	1,005.24	3/4	692.61	3/4	373.22	3/4	54.75	3/4	3/4	3/4	3/4
1	2,281.87	1	1,962.48	1	1,643.09	1	1,323.72	1	998.62	1	685.95	1	366.56	1	48.02	1	7	7	7
1/4	2,275.22	1/4	1,955.83	1/4	1,636.43	1/4	1,317.05	1/4	991.99	1/4	679.30	1/4	359.91	1/4	43.29	1/4	1/4	1/4	1/4
1/2	2,268.57	1/2	1,949.18	1/2	1,629.78	1/2	1,310.39	1/2	985.35	1/2	672.65	1/2	353.26	1/2	37.56	1/2	1/2	1/2	1/2
3/4	2,261.91	3/4	1,942.52	3/4	1,623.13	3/4	1,303.74	3/4	978.70	3/4	665.99	3/4	346.60	3/4	33.12	3/4	3/4	3/4	3/4
1	2,255.26	1	1,935.87	1	1,616.47	1	1,297.08	1	972.06	1	659.34	1	339.95	1	28.68	1	8	8	8
1/4	2,248.60	1/4	1,929.21	1/4	1,609.82	1/4	1,290.43	1/4	965.42	1/4	652.68	1/4	333.29	1/4	24.25	1/4	1/4	1/4	1/4
1/2	2,241.95	1/2	1,922.56	1/2	1,603.17	1/2	1,283.78	1/2	958.77	1/2	646.03	1/2	326.64	1/2	19.81	1/2	1/2	1/2	1/2
3/4	2,235.30	3/4	1,915.90	3/4	1,596.51	3/4	1,277.12	3/4	952.11	3/4	639.38	3/4	319.98	3/4	15.37	3/4	3/4	3/4	3/4
1	2,228.64	1	1,909.25	1	1,589.86	1	1,270.47	1	945.46	1	632.72	1	313.33	1	10.92	1	9	9	9
1/4	2,221.99	1/4	1,902.59	1/4	1,583.20	1/4	1,263.81	1/4	938.81	1/4	626.07	1/4	306.67	1/4	6.47	1/4	1/4	1/4	1/4
1/2	2,215.34	1/2	1,895.94	1/2	1,576.55	1/2	1,257.16	1/2	932.15	1/2	619.42	1/2	300.02	1/2	2.02	1/2	1/2	1/2	1/2
3/4	2,208.68	3/4	1,889.29	3/4	1,569.90	3/4	1,250.52	3/4	925.50	3/4	612.76	3/4	293.37	3/4	1.57	3/4	3/4	3/4	3/4
1	2,202.03	1	1,882.63	1	1,563.24	1	1,243.88	1	918.84	1	606.11	1	286.71	1	1.12	1	10	10	10
1/4	2,195.37	1/4	1,875.98	1/4	1,556.59	1/4	1,237.24	1/4	912.19	1/4	599.45	1/4	280.06	1/4	0.67	1/4	1/4	1/4	1/4
1/2	2,188.72	1/2	1,869.33	1/2	1,549.94	1/2	1,230.60	1/2	905.64	1/2	592.80	1/2	273.41	1/2	0.22	1/2	1/2	1/2	1/2
3/4	2,182.06	3/4	1,862.67	3/4	1,543.28	3/4	1,223.97	3/4	898.88	3/4	586.15	3/4	266.75	3/4	0.77	3/4	3/4	3/4	3/4
1	2,175.41	1	1,856.02	1	1,536.63	1	1,217.34	1	892.23	1	579.49	1	260.10	1	0.32	1	11	11	11
1/4	2,168.75	1/4	1,849.36	1/4	1,529.97	1/4	1,210.71	1/4	885.58	1/4	572.84	1/4	253.44	1/4	0.87	1/4	1/4	1/4	1/4
1/2	2,162.10	1/2	1,842.71	1/2	1,523.32	1/2	1,204.08	1/2	878.92	1/2	566.18	1/2	246.79	1/2	0.42	1/2	1/2	1/2	1/2
3/4	2,155.45	3/4	1,836.06	3/4	1,516.66	3/4	1,197.45	3/4	873.32	3/4	559.53	3/4	240.14	3/4	0.97	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/06/2005
RECOMPUTED: 08/15/2016 SW
PRINTED: 06/17/2016 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2016

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

Paul J. Mac



VULLAGE TABLE

[illegible]

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL. CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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

SHEET NO. 7 OF 12



BARGE "DBL 28"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,461.63	0	2,142.14	0	1,822.75	0	1,503.35	0	1,184.20	0	865.61	0	543.72	0	226.83	0			
1/4	2,454.88	1/4	2,135.49	1/4	1,816.10	1/4	1,496.70	1/4	1,177.57	1/4	858.96	1/4	539.57	1/4	220.18	1/4			
1/2	2,448.22	1/2	2,128.83	1/2	1,809.44	1/2	1,490.05	1/2	1,170.94	1/2	852.30	1/2	532.91	1/2	213.52	1/2			
3/4	2,441.57	3/4	2,122.18	3/4	1,802.79	3/4	1,483.39	3/4	1,164.31	3/4	845.65	3/4	526.26	3/4	206.87	3/4			
1	2,434.91	1	2,115.52	1	1,796.13	1	1,476.74	1	1,157.69	1	838.99	1	519.60	1	200.21	1			
1/4	2,428.26	1/4	2,108.87	1/4	1,789.48	1/4	1,470.09	1/4	1,151.06	1/4	832.34	1/4	512.95	1/4	193.56	1/4			
1/2	2,421.61	1/2	2,102.22	1/2	1,782.82	1/2	1,463.43	1/2	1,144.43	1/2	825.69	1/2	506.30	1/2	186.90	1/2			
3/4	2,414.95	3/4	2,095.56	3/4	1,776.17	3/4	1,456.78	3/4	1,137.80	3/4	819.03	3/4	499.64	3/4	180.25	3/4			
2	2,408.30	2	2,088.91	2	1,769.51	2	1,450.12	2	1,131.18	2	812.38	2	492.99	2	173.59	2			
1/4	2,401.65	1/4	2,082.26	1/4	1,762.86	1/4	1,443.47	1/4	1,124.55	1/4	805.73	1/4	486.34	1/4	166.94	1/4			
1/2	2,394.99	1/2	2,075.60	1/2	1,756.21	1/2	1,436.82	1/2	1,117.92	1/2	799.07	1/2	479.68	1/2	160.29	1/2			
3/4	2,388.34	3/4	2,068.95	3/4	1,749.55	3/4	1,430.16	3/4	1,111.29	3/4	792.42	3/4	473.03	3/4	153.63	3/4			
3	2,381.68	3	2,062.29	3	1,742.90	3	1,423.51	3	1,104.67	3	785.76	3	466.37	3	146.98	3			
1/4	2,375.03	1/4	2,055.64	1/4	1,736.25	1/4	1,416.86	1/4	1,098.04	1/4	779.11	1/4	459.72	1/4	140.33	1/4			
1/2	2,368.38	1/2	2,048.98	1/2	1,729.59	1/2	1,410.20	1/2	1,091.41	1/2	772.46	1/2	453.06	1/2	133.67	1/2			
3/4	2,361.72	3/4	2,042.33	3/4	1,722.94	3/4	1,403.55	3/4	1,084.78	3/4	765.80	3/4	446.41	3/4	127.02	3/4			
4	2,355.07	4	2,035.67	4	1,716.28	4	1,396.89	4	1,078.15	4	759.15	4	439.75	4	120.36	4			
1/4	2,348.42	1/4	2,029.02	1/4	1,709.63	1/4	1,390.24	1/4	1,071.52	1/4	752.50	1/4	433.10	1/4	113.71	1/4			
1/2	2,341.76	1/2	2,022.37	1/2	1,702.98	1/2	1,383.58	1/2	1,064.89	1/2	745.84	1/2	426.45	1/2	107.06	1/2			
3/4	2,335.11	3/4	2,015.71	3/4	1,696.32	3/4	1,376.93	3/4	1,058.26	3/4	739.19	3/4	419.79	3/4	100.40	3/4			
5	2,328.45	5	2,009.06	5	1,689.67	5	1,370.27	5	1,051.64	5	732.53	5	413.14	5	93.75	5			
1/4	2,321.80	1/4	2,002.41	1/4	1,683.02	1/4	1,363.62	1/4	1,045.01	1/4	725.88	1/4	406.49	1/4	87.10	1/4			
1/2	2,315.14	1/2	1,995.75	1/2	1,676.36	1/2	1,356.98	1/2	1,038.38	1/2	719.22	1/2	399.83	1/2	80.44	1/2			
3/4	2,308.49	3/4	1,989.10	3/4	1,669.71	3/4	1,350.33	3/4	1,031.75	3/4	712.57	3/4	393.18	3/4	73.79	3/4			
6	2,301.83	6	1,982.44	6	1,663.05	6	1,343.69	6	1,025.13	6	705.91	6	386.52	6	67.13	6			
1/4	2,295.18	1/4	1,975.79	1/4	1,656.40	1/4	1,337.04	1/4	1,018.50	1/4	699.26	1/4	379.87	1/4	60.48	1/4			
1/2	2,288.53	1/2	1,969.14	1/2	1,649.74	1/2	1,330.38	1/2	1,011.87	1/2	692.61	1/2	373.22	1/2	53.75	1/2			
3/4	2,281.87	3/4	1,962.48	3/4	1,643.09	3/4	1,323.72	3/4	1,005.24	3/4	685.95	3/4	366.56	3/4	47.02	3/4			
7	2,275.22	7	1,955.83	7	1,636.43	7	1,317.06	7	998.62	7	679.30	7	359.91	7	40.29	7			
1/4	2,268.57	1/4	1,949.18	1/4	1,629.78	1/4	1,310.39	1/4	991.99	1/4	672.65	1/4	353.26	1/4	33.56	1/4			
1/2	2,261.91	1/2	1,942.52	1/2	1,623.13	1/2	1,303.74	1/2	985.35	1/2	665.99	1/2	346.60	1/2	26.82	1/2			
3/4	2,255.26	3/4	1,935.87	3/4	1,616.47	3/4	1,297.08	3/4	978.70	3/4	659.34	3/4	339.95	3/4	20.08	3/4			
8	2,248.60	8	1,929.21	8	1,609.82	8	1,290.43	8	972.06	8	652.68	8	333.29	8	13.34	8			
1/4	2,241.95	1/4	1,922.56	1/4	1,603.17	1/4	1,283.78	1/4	965.42	1/4	646.03	1/4	326.64	1/4	6.59	1/4			
1/2	2,235.30	1/2	1,915.90	1/2	1,596.51	1/2	1,277.12	1/2	958.77	1/2	639.38	1/2	319.98	1/2	0.00	1/2			
3/4	2,228.64	3/4	1,909.25	3/4	1,589.86	3/4	1,270.47	3/4	952.11	3/4	632.72	3/4	313.33	3/4	0.00	3/4			
9	2,221.99	9	1,902.59	9	1,583.20	9	1,263.81	9	945.46	9	626.07	9	306.67	9	0.00	9			
1/4	2,215.34	1/4	1,895.94	1/4	1,576.55	1/4	1,257.16	1/4	938.81	1/4	619.42	1/4	300.02	1/4	0.00	1/4			
1/2	2,208.68	1/2	1,889.29	1/2	1,569.90	1/2	1,250.52	1/2	932.15	1/2	612.76	1/2	293.37	1/2	0.00	1/2			
3/4	2,202.03	3/4	1,882.63	3/4	1,563.24	3/4	1,243.88	3/4	925.50	3/4	606.11	3/4	286.71	3/4	0.00	3/4			
10	2,195.37	10	1,875.98	10	1,556.59	10	1,237.24	10	918.84	10	599.45	10	280.06	10	0.00	10			
1/4	2,188.72	1/4	1,869.33	1/4	1,549.94	1/4	1,230.60	1/4	912.19	1/4	592.80	1/4	273.41	1/4	0.00	1/4			
1/2	2,182.06	1/2	1,862.67	1/2	1,543.28	1/2	1,223.97	1/2	905.54	1/2	586.14	1/2	266.75	1/2	0.00	1/2			
3/4	2,175.41	3/4	1,856.02	3/4	1,536.63	3/4	1,217.34	3/4	898.88	3/4	579.49	3/4	260.10	3/4	0.00	3/4			
11	2,168.75	11	1,849.36	11	1,529.97	11	1,210.71	11	892.23	11	572.83	11	253.44	11	0.00	11			
1/4	2,162.10	1/4	1,842.71	1/4	1,523.32	1/4	1,204.08	1/4	885.58	1/4	566.18	1/4	246.79	1/4	0.00	1/4			
1/2	2,155.45	1/2	1,836.06	1/2	1,516.66	1/2	1,197.45	1/2	878.92	1/2	559.03	1/2	240.14	1/2	0.00	1/2			
3/4	2,148.79	3/4	1,829.40	3/4	1,510.01	3/4	1,190.82	3/4	872.27	3/4	552.37	3/4	233.48	3/4	0.00	3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/06/2005

RECOMPUTED: 08/15/2016 SW

PRINTED: 08/17/2016 JS

CANCELS AND SUPERCEDES

ALL PRIOR TO 08/2016

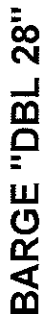
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Pealand, Texas 77588

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Signature



3 PORT
ULLAGE TAB

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

[illegible]

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

STRENGTH, THESE OTHER TABLES WHEN EXTENDED TO EXTREME HEIGHT OF TANK.

Capacity table only applies to ullage gauges taken with "HERMETIC" closed gauging device. Gauge point: (HERMETIC) located 98"-98" off centerline and 30"-09" forward of aft bulkhead.

PRECISION MEASUREMENT
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The Examiner



BARGE "DBL 28"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-11 1/4"

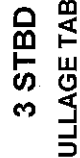
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,614.26	0	1,948.59	0	1,615.76	0	1,282.97	0	950.80	0	617.87	0	284.94	0	0	0	0	0	0
1/4	2,607.32	1/4	1,941.66	1/4	1,608.83	1/4	1,276.05	1/4	943.86	1/4	610.93	1/4	278.00	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,600.39	1/2	1,934.73	1/2	1,601.90	1/2	1,269.13	1/2	936.92	1/2	604.00	1/2	271.07	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,593.46	3/4	1,927.79	3/4	1,594.96	3/4	1,262.22	3/4	929.99	3/4	597.06	3/4	264.13	3/4	3/4	3/4	3/4	3/4	3/4
1	2,586.52	1	1,920.86	1	1,588.03	1	1,255.30	1	923.05	1	590.13	1	257.20	1	1	1	1	1	1
1/4	2,579.59	1/4	1,913.92	1/4	1,581.09	1/4	1,248.38	1/4	916.11	1/4	583.19	1/4	250.26	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,572.66	1/2	1,906.99	1/2	1,574.16	1/2	1,241.47	1/2	909.18	1/2	576.25	1/2	243.33	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,565.72	3/4	1,900.06	3/4	1,567.22	3/4	1,234.55	3/4	902.24	3/4	569.32	3/4	236.39	3/4	3/4	3/4	3/4	3/4	3/4
1	2,558.79	1	1,893.12	1	1,560.29	1	1,227.64	1	895.31	1	562.38	1	229.46	1	1	1	1	1	1
1/4	2,551.85	1/4	1,886.19	1/4	1,553.35	1/4	1,220.72	1/4	888.37	1/4	555.44	1/4	222.52	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,544.92	1/2	1,879.26	1/2	1,546.42	1/2	1,213.81	1/2	881.44	1/2	548.51	1/2	215.58	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,537.98	3/4	1,872.32	3/4	1,539.49	3/4	1,206.89	3/4	874.50	3/4	541.57	3/4	208.65	3/4	3/4	3/4	3/4	3/4	3/4
1	2,531.05	1	1,865.39	1	1,532.55	1	1,199.98	1	867.57	1	534.64	1	201.71	1	1	1	1	1	1
1/4	2,524.11	1/4	1,858.45	1/4	1,525.62	1/4	1,193.06	1/4	860.63	1/4	527.70	1/4	194.77	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,517.18	1/2	1,851.52	1/2	1,518.69	1/2	1,186.14	1/2	853.69	1/2	520.77	1/2	187.90	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,510.25	3/4	1,844.58	3/4	1,511.75	3/4	1,179.23	3/4	846.76	3/4	513.83	3/4	181.04	3/4	3/4	3/4	3/4	3/4	3/4
1	2,503.31	1	1,837.65	1	1,504.82	1	1,172.31	1	839.82	1	506.90	1	174.17	1	1	1	1	1	1
1/4	2,496.38	1/4	1,830.71	1/4	1,497.88	1/4	1,165.38	1/4	832.88	1/4	499.96	1/4	167.30	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,489.45	1/2	1,823.78	1/2	1,490.95	1/2	1,158.48	1/2	825.95	1/2	493.02	1/2	160.30	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,482.51	3/4	1,816.85	3/4	1,484.02	3/4	1,151.56	3/4	819.01	3/4	486.09	3/4	153.29	3/4	3/4	3/4	3/4	3/4	3/4
1	2,475.58	1	1,809.91	1	1,477.08	1	1,144.65	1	812.08	1	479.15	1	146.29	1	1	1	1	1	1
1/4	2,468.64	1/4	1,802.98	1/4	1,470.15	1/4	1,137.73	1/4	805.14	1/4	472.21	1/4	139.28	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,461.71	1/2	1,796.05	1/2	1,463.22	1/2	1,130.81	1/2	798.20	1/2	465.28	1/2	132.35	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,454.78	3/4	1,789.11	3/4	1,456.28	3/4	1,123.90	3/4	791.27	3/4	458.34	3/4	125.41	3/4	3/4	3/4	3/4	3/4	3/4
1	2,447.84	1	1,782.18	1	1,449.35	1	1,116.98	1	784.33	1	451.41	1	118.48	1	1	1	1	1	1
1/4	2,440.91	1/4	1,775.24	1/4	1,442.41	1/4	1,110.06	1/4	777.39	1/4	444.47	1/4	111.54	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,433.98	1/2	1,768.31	1/2	1,435.48	1/2	1,103.15	1/2	770.46	1/2	437.53	1/2	104.61	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,427.04	3/4	1,761.38	3/4	1,428.54	3/4	1,096.23	3/4	763.52	3/4	430.60	3/4	97.67	3/4	3/4	3/4	3/4	3/4	3/4
1	2,420.11	1	1,754.44	1	1,421.61	1	1,089.32	1	756.59	1	423.66	1	90.74	1	1	1	1	1	1
1/4	2,413.17	1/4	1,747.51	1/4	1,414.67	1/4	1,082.40	1/4	749.65	1/4	416.72	1/4	83.80	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,406.24	1/2	1,740.58	1/2	1,407.74	1/2	1,075.49	1/2	742.72	1/2	409.79	1/2	76.96	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,399.30	3/4	1,733.64	3/4	1,400.81	3/4	1,068.57	3/4	735.78	3/4	402.85	3/4	70.12	3/4	3/4	3/4	3/4	3/4	3/4
1	2,392.37	1	1,726.71	1	1,393.87	1	1,061.66	1	728.85	1	395.92	1	63.28	1	1	1	1	1	1
1/4	2,385.43	1/4	1,719.77	1/4	1,386.94	1/4	1,054.74	1/4	721.91	1/4	388.98	1/4	56.44	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,378.50	1/2	1,712.84	1/2	1,380.01	1/2	1,047.82	1/2	714.97	1/2	382.05	1/2	50.76	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,371.57	3/4	1,705.90	3/4	1,373.07	3/4	1,040.91	3/4	708.04	3/4	375.11	3/4	45.08	3/4	3/4	3/4	3/4	3/4	3/4
1	2,364.63	1	1,698.97	1	1,366.14	1	1,033.99	1	701.10	1	368.18	1	39.39	1	1	1	1	1	1
1/4	2,357.70	1/4	1,692.03	1/4	1,359.20	1/4	1,027.07	1/4	694.16	1/4	361.24	1/4	33.71	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,350.77	1/2	1,685.10	1/2	1,352.27	1/2	1,020.14	1/2	687.23	1/2	354.30	1/2	29.47	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,343.83	3/4	1,678.17	3/4	1,345.34	3/4	1,013.21	3/4	680.29	3/4	347.37	3/4	25.24	3/4	3/4	3/4	3/4	3/4	3/4
1	2,336.90	1	1,671.23	1	1,338.40	1	1,006.28	1	673.36	1	340.43	1	21.00	1	1	1	1	1	1
1/4	2,329.96	1/4	1,664.30	1/4	1,331.47	1/4	999.35	1/4	666.42	1/4	333.49	1/4	16.76	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,323.03	1/2	1,657.37	1/2	1,324.54	1/2	992.41	1/2	659.48	1/2	326.56	1/2	14.06	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,316.10	3/4	1,650.43	3/4	1,317.60	3/4	985.48	3/4	652.55	3/4	319.62	3/4	11.37	3/4	3/4	3/4	3/4	3/4	3/4
1	2,309.16	1	1,643.50	1	1,310.67	1	978.54	1	645.61	1	312.69	1	8.67	1	1	1	1	1	1
1/4	2,302.23	1/4	1,636.56	1/4	1,303.73	1/4	971.60	1/4	638.67	1/4	305.75	1/4	6.97	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,295.30	1/2	1,629.63	1/2	1,296.81	1/2	964.67	1/2	631.74	1/2	298.81	1/2	5.28	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,288.36	3/4	1,622.70	3/4	1,289.89	3/4	957.73	3/4	624.80	3/4	291.88	3/4	3.59	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/05/2005
RECOMPUTED: 08/15/2016 SW
PRINTED: 08/17/2016 JS
CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2016

PRECISION MEASUREMENT
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Paul J. Gamm



GAUGE HEIGHT 17'-11 1/4"

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

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SHEET NO. 11 OF 12



BARGE "DBL 28"

3 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-11 1/4"

IN	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	2,614.26	0	1,948.59	0	1,615.76	0	1,282.97	0	950.80	0
1/4	2,607.32	1/4	1,941.66	1/4	1,608.83	1/4	1,276.05	1/4	943.86	1/4
1/2	2,600.39	1/2	1,934.73	1/2	1,601.90	1/2	1,269.13	1/2	936.92	1/2
3/4	2,593.46	3/4	1,927.79	3/4	1,594.96	3/4	1,262.22	3/4	929.99	3/4
1	2,586.52	1	1,920.86	1	1,588.03	1	1,255.30	1	923.05	1
1/4	2,579.59	1/4	1,913.92	1/4	1,581.09	1/4	1,248.38	1/4	916.11	1/4
1/2	2,572.66	1/2	1,906.99	1/2	1,574.16	1/2	1,241.47	1/2	909.18	1/2
3/4	2,565.72	3/4	1,900.06	3/4	1,567.22	3/4	1,234.55	3/4	902.24	3/4
2	2,558.79	2	1,893.12	2	1,560.29	2	1,227.64	2	895.31	2
1/4	2,551.85	1/4	1,886.19	1/4	1,553.35	1/4	1,220.72	1/4	888.37	1/4
1/2	2,544.92	1/2	1,879.26	1/2	1,546.42	1/2	1,213.81	1/2	881.44	1/2
3/4	2,537.98	3/4	1,872.32	3/4	1,539.49	3/4	1,206.89	3/4	874.50	3/4
3	2,531.05	3	1,865.39	3	1,532.55	3	1,199.98	3	867.57	3
1/4	2,524.11	1/4	1,858.45	1/4	1,525.62	1/4	1,193.06	1/4	860.63	1/4
1/2	2,517.17	1/2	1,851.52	1/2	1,518.69	1/2	1,186.14	1/2	853.69	1/2
3/4	2,510.25	3/4	1,844.58	3/4	1,511.75	3/4	1,179.23	3/4	846.76	3/4
4	2,503.31	4	1,837.65	4	1,504.82	4	1,172.31	4	839.82	4
1/4	2,496.38	1/4	1,830.71	1/4	1,497.88	1/4	1,165.39	1/4	832.88	1/4
1/2	2,489.45	1/2	1,823.78	1/2	1,490.95	1/2	1,158.48	1/2	825.95	1/2
3/4	2,482.51	3/4	1,816.85	3/4	1,484.02	3/4	1,151.56	3/4	819.01	3/4
5	2,475.58	5	1,809.91	5	1,477.08	5	1,144.65	5	812.08	5
1/4	2,468.64	1/4	1,802.98	1/4	1,470.15	1/4	1,137.73	1/4	805.14	1/4
1/2	2,461.71	1/2	1,796.05	1/2	1,463.22	1/2	1,130.81	1/2	798.20	1/2
3/4	2,454.78	3/4	1,789.11	3/4	1,456.28	3/4	1,123.90	3/4	791.27	3/4
6	2,447.84	6	1,782.18	6	1,449.35	6	1,116.98	6	784.33	6
1/4	2,440.91	1/4	1,775.24	1/4	1,442.41	1/4	1,110.06	1/4	777.39	1/4
1/2	2,433.98	1/2	1,768.31	1/2	1,435.48	1/2	1,103.15	1/2	770.46	1/2
3/4	2,427.04	3/4	1,761.38	3/4	1,428.54	3/4	1,096.23	3/4	763.52	3/4
7	2,420.11	7	1,754.44	7	1,421.61	7	1,089.32	7	756.59	7
1/4	2,413.17	1/4	1,747.51	1/4	1,414.67	1/4	1,082.40	1/4	749.65	1/4
1/2	2,406.24	1/2	1,740.58	1/2	1,407.74	1/2	1,075.49	1/2	742.72	1/2
3/4	2,399.30	3/4	1,733.64	3/4	1,400.81	3/4	1,068.57	3/4	735.78	3/4
8	2,392.37	8	1,726.71	8	1,393.87	8	1,061.66	8	728.85	8
1/4	2,385.43	1/4	1,719.77	1/4	1,386.94	1/4	1,054.74	1/4	721.91	1/4
1/2	2,378.50	1/2	1,712.84	1/2	1,380.01	1/2	1,047.82	1/2	714.97	1/2
3/4	2,371.57	3/4	1,705.90	3/4	1,373.07	3/4	1,040.91	3/4	708.04	3/4
9	2,364.63	9	1,698.97	9	1,366.14	9	1,033.99	9	701.10	9
1/4	2,357.70	1/4	1,692.03	1/4	1,359.20	1/4	1,027.07	1/4	694.16	1/4
1/2	2,350.77	1/2	1,685.10	1/2	1,352.27	1/2	1,020.14	1/2	687.23	1/2
3/4	2,343.83	3/4	1,678.17	3/4	1,345.34	3/4	1,013.21	3/4	680.29	3/4
10	2,336.90	10	1,671.23	10	1,338.40	10	1,006.28	10	673.36	10
1/4	2,329.96	1/4	1,664.30	1/4	1,331.47	1/4	999.35	1/4	666.42	1/4
1/2	2,323.03	1/2	1,657.37	1/2	1,324.54	1/2	992.41	1/2	659.48	1/2
3/4	2,316.10	3/4	1,650.43	3/4	1,317.60	3/4	985.48	3/4	652.55	3/4
11	2,309.16	11	1,643.50	11	1,310.67	11	978.54	11	645.61	11
1/4	2,302.23	1/4	1,636.56	1/4	1,303.73	1/4	971.60	1/4	638.67	1/4
1/2	2,295.30	1/2	1,629.63	1/2	1,296.81	1/2	964.67	1/2	631.74	1/2
3/4	2,288.38	3/4	1,622.70	3/4	1,289.89	3/4	957.73	3/4	624.80	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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