



# BARGE "NGL 3138"

## ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8
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	00-0/8	00-0/8	00-0/8	00-0/8
2 PORT	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4
2 STBD	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4
3 PORT	- 00-0/8	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	- 00-1/8	00-1/8
3 STBD	- 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	- 00-1/8	00-1/8

(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 00-1/4"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 1/4"

June 2, 2014

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

<http://www.pmacorp.net>





# BARGE "NGL 3138"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	2,019.92	0	1,668.83	0	1,318.39	0	966.74	0	617.46	0	266.79	0		0		0		0	
1/4	2,012.59	1/4	1,661.54	1/4	1,311.07	1/4	959.41	1/4	610.15	1/4	259.48	1/4		1/4		1/4		1/4	
1/2	2,005.27	1/2	1,654.25	1/2	1,303.75	1/2	952.08	1/2	602.85	1/2	252.18	1/2		1/2		1/2		1/2	
3/4	1,997.94	3/4	1,646.96	3/4	1,296.42	3/4	944.76	3/4	595.54	3/4	244.87	3/4		3/4		3/4		3/4	
1	1,990.61	1	1,639.67	1	1,289.10	1	937.43	1	588.24	1	237.57	1		1		1		1	
1/4	1,983.28	1/4	1,632.38	1/4	1,281.78	1/4	930.10	1/4	580.93	1/4	230.26	1/4		1/4		1/4		1/4	
1/2	1,975.96	1/2	1,625.10	1/2	1,274.45	1/2	922.77	1/2	573.63	1/2	222.96	1/2		1/2		1/2		1/2	
3/4	1,968.63	3/4	1,617.81	3/4	1,267.13	3/4	915.45	3/4	566.32	3/4	215.65	3/4		3/4		3/4		3/4	
2	1,961.30	2	1,610.52	2	1,259.80	2	908.12	2	559.02	2	208.35	2		2		2		2	
1/4	1,953.97	1/4	1,603.23	1/4	1,252.48	1/4	900.79	1/4	551.71	1/4	201.04	1/4		1/4		1/4		1/4	
1/2	1,946.65	1/2	1,595.94	1/2	1,245.15	1/2	893.47	1/2	544.40	1/2	193.73	1/2		1/2		1/2		1/2	
3/4	1,939.32	3/4	1,588.65	3/4	1,237.83	3/4	886.14	3/4	537.10	3/4	186.43	3/4		3/4		3/4		3/4	
3	1,931.99	3	1,581.36	3	1,230.50	3	878.82	3	529.79	3	179.12	3		3		3		3	
1/4	1,924.66	1/4	1,574.07	1/4	1,223.17	1/4	871.49	1/4	522.48	1/4	171.81	1/4		1/4		1/4		1/4	
1/2	1,917.34	1/2	1,566.79	1/2	1,215.85	1/2	864.16	1/2	515.18	1/2	164.51	1/2		1/2		1/2		1/2	
3/4	1,910.01	3/4	1,559.50	3/4	1,208.52	3/4	856.84	3/4	507.87	3/4	157.20	3/4		3/4		3/4		3/4	
4	1,902.68	4	1,552.21	4	1,201.19	4	849.51	4	500.57	4	149.90	4		4		4		4	
1/4	1,895.35	1/4	1,544.92	1/4	1,193.86	1/4	842.18	1/4	493.26	1/4	142.59	1/4		1/4		1/4		1/4	
1/2	1,888.03	1/2	1,537.63	1/2	1,186.54	1/2	834.86	1/2	485.96	1/2	135.29	1/2		1/2		1/2		1/2	
3/4	1,880.70	3/4	1,530.34	3/4	1,179.21	3/4	827.53	3/4	478.65	3/4	127.98	3/4		3/4		3/4		3/4	
5	1,873.37	5	1,523.05	5	1,171.88	5	820.21	5	471.35	5	120.68	5		5		5		5	
1/4	1,866.04	1/4	1,515.76	1/4	1,164.56	1/4	812.98	1/4	464.04	1/4	113.37	1/4		1/4		1/4		1/4	
1/2	1,858.72	1/2	1,508.48	1/2	1,157.23	1/2	805.75	1/2	456.74	1/2	106.07	1/2		1/2		1/2		1/2	
3/4	1,851.39	3/4	1,501.19	3/4	1,149.91	3/4	798.52	3/4	449.43	3/4	98.76	3/4		3/4		3/4		3/4	
6	1,844.06	6	1,493.90	6	1,142.58	6	791.29	6	442.13	6	91.46	6		6		6		6	
1/4	1,836.74	1/4	1,486.61	1/4	1,135.25	1/4	784.06	1/4	434.82	1/4	84.15	1/4		1/4		1/4		1/4	
1/2	1,829.41	1/2	1,479.32	1/2	1,127.93	1/2	776.82	1/2	427.51	1/2	76.85	1/2		1/2		1/2		1/2	
3/4	1,822.09	3/4	1,472.03	3/4	1,120.60	3/4	769.59	3/4	420.21	3/4	69.54	3/4		3/4		3/4		3/4	
7	1,814.76	7	1,464.74	7	1,113.27	7	762.36	7	412.90	7	62.24	7		7		7		7	
1/4	1,807.43	1/4	1,457.45	1/4	1,105.94	1/4	755.13	1/4	405.59	1/4	55.85	1/4		1/4		1/4		1/4	
1/2	1,800.11	1/2	1,450.16	1/2	1,098.62	1/2	747.90	1/2	398.29	1/2	49.46	1/2		1/2		1/2		1/2	
3/4	1,792.78	3/4	1,442.87	3/4	1,091.29	3/4	740.67	3/4	390.98	3/4	43.07	3/4		3/4		3/4		3/4	
8	1,785.45	8	1,435.58	8	1,083.96	8	733.44	8	383.68	8	36.68	8		8		8		8	
1/4	1,778.16	1/4	1,428.26	1/4	1,076.64	1/4	726.21	1/4	376.37	1/4	32.12	1/4		1/4		1/4		1/4	
1/2	1,770.87	1/2	1,420.93	1/2	1,069.31	1/2	718.98	1/2	369.07	1/2	27.56	1/2		1/2		1/2		1/2	
3/4	1,763.58	3/4	1,413.61	3/4	1,061.99	3/4	711.75	3/4	361.76	3/4	23.00	3/4		3/4		3/4		3/4	
9	1,756.29	9	1,406.28	9	1,054.66	9	704.52	9	354.46	9	18.44	9		9		9		9	
1/4	1,749.00	1/4	1,398.96	1/4	1,047.33	1/4	697.29	1/4	347.15	1/4		1/4		1/4		1/4		1/4	
1/2	1,741.72	1/2	1,391.64	1/2	1,040.01	1/2	690.06	1/2	339.85	1/2		1/2		1/2		1/2		1/2	
3/4	1,734.43	3/4	1,384.31	3/4	1,032.68	3/4	682.83	3/4	332.54	3/4		3/4		3/4		3/4		3/4	
10	1,727.14	10	1,376.99	10	1,025.35	10	675.60	10	325.24	10		10		10		10		10	
1/4	1,719.85	1/4	1,369.67	1/4	1,018.02	1/4	668.37	1/4	317.93	1/4		1/4		1/4		1/4		1/4	
1/2	1,712.56	1/2	1,362.34	1/2	1,010.70	1/2	661.14	1/2	310.62	1/2		1/2		1/2		1/2		1/2	
3/4	1,705.27	3/4	1,355.02	3/4	1,003.37	3/4	653.91	3/4	303.32	3/4		3/4		3/4		3/4		3/4	
11	1,697.98	11	1,347.69	11	996.04	11	646.68	11	296.01	11		11		11		11		11	
1/4	1,690.69	1/4	1,340.37	1/4	988.71	1/4	639.37	1/4	288.70	1/4		1/4		1/4		1/4		1/4	
1/2	1,683.41	1/2	1,333.04	1/2	981.39	1/2	632.07	1/2	281.40	1/2		1/2		1/2		1/2		1/2	
3/4	1,676.12	3/4	1,325.72	3/4	974.06	3/4	624.76	3/4	274.09	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/18/2004 CB  
DECK MEASUREMENTS: 05/29/2014 SW  
REPRINTED: 06/02/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2014

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "NGL 3138"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	2,019.92	0	1,668.83	0	1,318.39	0	966.74	0	617.46	0	266.79	0		0		0		0	
1/4	2,012.59	1/4	1,661.54	1/4	1,311.07	1/4	959.41	1/4	610.15	1/4	259.48	1/4		1/4		1/4		1/4	
1/2	2,005.27	1/2	1,654.25	1/2	1,303.75	1/2	952.08	1/2	602.85	1/2	252.18	1/2		1/2		1/2		1/2	
3/4	1,997.94	3/4	1,646.96	3/4	1,296.42	3/4	944.76	3/4	595.54	3/4	244.87	3/4		3/4		3/4		3/4	
1	1,990.61	1	1,639.67	1	1,289.10	1	937.43	1	588.24	1	237.57	1		1		1		1	
1/4	1,983.28	1/4	1,632.38	1/4	1,281.78	1/4	930.10	1/4	580.93	1/4	230.26	1/4		1/4		1/4		1/4	
1/2	1,975.96	1/2	1,625.10	1/2	1,274.45	1/2	922.77	1/2	573.63	1/2	222.96	1/2		1/2		1/2		1/2	
3/4	1,968.63	3/4	1,617.81	3/4	1,267.13	3/4	915.45	3/4	566.32	3/4	215.65	3/4		3/4		3/4		3/4	
2	1,961.30	2	1,610.52	2	1,259.80	2	908.12	2	559.02	2	208.35	2		2		2		2	
1/4	1,953.97	1/4	1,603.23	1/4	1,252.48	1/4	900.79	1/4	551.71	1/4	201.04	1/4		1/4		1/4		1/4	
1/2	1,946.65	1/2	1,595.94	1/2	1,245.15	1/2	893.47	1/2	544.40	1/2	193.73	1/2		1/2		1/2		1/2	
3/4	1,939.32	3/4	1,588.65	3/4	1,237.83	3/4	886.14	3/4	537.10	3/4	186.43	3/4		3/4		3/4		3/4	
3	1,931.99	3	1,581.36	3	1,230.50	3	878.82	3	529.79	3	179.12	3		3		3		3	
1/4	1,924.66	1/4	1,574.07	1/4	1,223.17	1/4	871.49	1/4	522.48	1/4	171.81	1/4		1/4		1/4		1/4	
1/2	1,917.34	1/2	1,566.79	1/2	1,215.85	1/2	864.16	1/2	515.18	1/2	164.51	1/2		1/2		1/2		1/2	
3/4	1,910.01	3/4	1,559.50	3/4	1,208.52	3/4	856.84	3/4	507.87	3/4	157.20	3/4		3/4		3/4		3/4	
4	1,902.68	4	1,552.21	4	1,201.19	4	849.51	4	500.57	4	149.90	4		4		4		4	
1/4	1,895.35	1/4	1,544.92	1/4	1,193.86	1/4	842.18	1/4	493.26	1/4	142.59	1/4		1/4		1/4		1/4	
1/2	1,888.03	1/2	1,537.63	1/2	1,186.54	1/2	834.86	1/2	485.96	1/2	135.29	1/2		1/2		1/2		1/2	
3/4	1,880.70	3/4	1,530.34	3/4	1,179.21	3/4	827.53	3/4	478.65	3/4	127.98	3/4		3/4		3/4		3/4	
5	1,873.37	5	1,523.05	5	1,171.88	5	820.21	5	471.35	5	120.68	5		5		5		5	
1/4	1,866.04	1/4	1,515.76	1/4	1,164.56	1/4	812.98	1/4	464.04	1/4	113.37	1/4		1/4		1/4		1/4	
1/2	1,858.72	1/2	1,508.48	1/2	1,157.23	1/2	805.75	1/2	456.74	1/2	106.07	1/2		1/2		1/2		1/2	
3/4	1,851.39	3/4	1,501.19	3/4	1,149.91	3/4	798.52	3/4	449.43	3/4	98.76	3/4		3/4		3/4		3/4	
6	1,844.06	6	1,493.90	6	1,142.58	6	791.29	6	442.13	6	91.46	6		6		6		6	
1/4	1,836.74	1/4	1,486.61	1/4	1,135.25	1/4	784.06	1/4	434.82	1/4	84.15	1/4		1/4		1/4		1/4	
1/2	1,829.41	1/2	1,479.32	1/2	1,127.93	1/2	776.82	1/2	427.51	1/2	76.85	1/2		1/2		1/2		1/2	
3/4	1,822.09	3/4	1,472.03	3/4	1,120.60	3/4	769.59	3/4	420.21	3/4	69.54	3/4		3/4		3/4		3/4	
7	1,814.76	7	1,464.74	7	1,113.27	7	762.36	7	412.90	7	62.24	7		7		7		7	
1/4	1,807.43	1/4	1,457.45	1/4	1,105.94	1/4	755.13	1/4	405.59	1/4	55.85	1/4		1/4		1/4		1/4	
1/2	1,800.11	1/2	1,450.16	1/2	1,098.62	1/2	747.90	1/2	398.29	1/2	49.46	1/2		1/2		1/2		1/2	
3/4	1,792.78	3/4	1,442.87	3/4	1,091.29	3/4	740.67	3/4	390.98	3/4	43.07	3/4		3/4		3/4		3/4	
8	1,785.45	8	1,435.58	8	1,083.96	8	733.44	8	383.68	8	36.68	8		8		8		8	
1/4	1,778.16	1/4	1,428.26	1/4	1,076.64	1/4	726.21	1/4	376.37	1/4	32.12	1/4		1/4		1/4		1/4	
1/2	1,770.87	1/2	1,420.93	1/2	1,069.31	1/2	718.98	1/2	369.07	1/2	27.56	1/2		1/2		1/2		1/2	
3/4	1,763.58	3/4	1,413.61	3/4	1,061.99	3/4	711.75	3/4	361.76	3/4	23.00	3/4		3/4		3/4		3/4	
9	1,756.29	9	1,406.28	9	1,054.66	9	704.52	9	354.46	9	18.44	9		9		9		9	
1/4	1,749.00	1/4	1,398.96	1/4	1,047.33	1/4	697.29	1/4	347.15	1/4		1/4		1/4		1/4		1/4	
1/2	1,741.72	1/2	1,391.64	1/2	1,040.01	1/2	690.06	1/2	339.85	1/2		1/2		1/2		1/2		1/2	
3/4	1,734.43	3/4	1,384.31	3/4	1,032.68	3/4	682.83	3/4	332.54	3/4		3/4		3/4		3/4		3/4	
10	1,727.14	10	1,376.99	10	1,025.35	10	675.60	10	325.24	10		10		10		10		10	
1/4	1,719.85	1/4	1,369.67	1/4	1,018.02	1/4	668.37	1/4	317.93	1/4		1/4		1/4		1/4		1/4	
1/2	1,712.56	1/2	1,362.34	1/2	1,010.70	1/2	661.14	1/2	310.62	1/2		1/2		1/2		1/2		1/2	
3/4	1,705.27	3/4	1,355.02	3/4	1,003.37	3/4	653.91	3/4	303.32	3/4		3/4		3/4		3/4		3/4	
11	1,697.98	11	1,347.69	11	996.04	11	646.68	11	296.01	11		11		11		11		11	
1/4	1,690.69	1/4	1,340.37	1/4	988.71	1/4	639.37	1/4	288.70	1/4		1/4		1/4		1/4		1/4	
1/2	1,683.41	1/2	1,333.04	1/2	981.39	1/2	632.07	1/2	281.40	1/2		1/2		1/2		1/2		1/2	
3/4	1,676.12	3/4	1,325.72	3/4	974.06	3/4	624.76	3/4	274.09	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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DECK MEASUREMENTS: 05/29/2014 SW  
REPRINTED: 06/02/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2014

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





# BARGE "NGL 3138"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	2,060.61	0	1,701.60	0	1,342.58	0	983.57	0	624.55	0	265.53	0		0		0		0	
1/4	2,053.13	1/4	1,694.12	1/4	1,335.10	1/4	976.09	1/4	617.07	1/4	258.05	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,045.66	1/2	1,686.64	1/2	1,327.62	1/2	968.61	1/2	609.59	1/2	250.58	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,038.18	3/4	1,679.16	3/4	1,320.14	3/4	961.13	3/4	602.11	3/4	243.10	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,030.70	1	1,671.68	1	1,312.66	1	953.65	1	594.63	1	235.62	1	1	1	1	1	1	1	1
1/4	2,023.22	1/4	1,664.20	1/4	1,305.18	1/4	946.17	1/4	587.15	1/4	228.14	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,015.74	1/2	1,656.72	1/2	1,297.71	1/2	938.69	1/2	579.67	1/2	220.66	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,008.26	3/4	1,649.24	3/4	1,290.23	3/4	931.21	3/4	572.19	3/4	213.18	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,000.78	2	1,641.76	2	1,282.75	2	923.73	2	564.71	2	205.70	2	2	2	2	2	2	2	2
1/4	1,993.30	1/4	1,634.28	1/4	1,275.27	1/4	916.25	1/4	557.23	1/4	198.22	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,985.82	1/2	1,626.80	1/2	1,267.79	1/2	908.77	1/2	549.76	1/2	190.74	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,978.34	3/4	1,619.32	3/4	1,260.31	3/4	901.29	3/4	542.28	3/4	183.26	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,970.86	3	1,611.84	3	1,252.83	3	893.81	3	534.80	3	175.78	3	3	3	3	3	3	3	3
1/4	1,963.38	1/4	1,604.36	1/4	1,245.35	1/4	886.33	1/4	527.32	1/4	168.30	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,955.90	1/2	1,596.89	1/2	1,237.87	1/2	878.85	1/2	519.84	1/2	160.82	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,948.42	3/4	1,589.41	3/4	1,230.39	3/4	871.37	3/4	512.36	3/4	153.34	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,940.94	4	1,581.93	4	1,222.91	4	863.89	4	504.88	4	145.86	4	4	4	4	4	4	4	4
1/4	1,933.46	1/4	1,574.45	1/4	1,215.43	1/4	856.41	1/4	497.40	1/4	138.38	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,925.98	1/2	1,566.97	1/2	1,207.95	1/2	848.94	1/2	489.92	1/2	130.90	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,918.50	3/4	1,559.49	3/4	1,200.47	3/4	841.46	3/4	482.44	3/4	123.42	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,911.02	5	1,552.01	5	1,192.99	5	833.98	5	474.96	5	115.94	5	5	5	5	5	5	5	5
1/4	1,903.54	1/4	1,544.53	1/4	1,185.51	1/4	826.50	1/4	467.48	1/4	108.46	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,896.07	1/2	1,537.05	1/2	1,178.03	1/2	819.02	1/2	460.00	1/2	100.99	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,888.59	3/4	1,529.57	3/4	1,170.55	3/4	811.54	3/4	452.52	3/4	93.51	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,881.11	6	1,522.09	6	1,163.07	6	804.06	6	445.04	6	86.03	6	6	6	6	6	6	6	6
1/4	1,873.63	1/4	1,514.61	1/4	1,155.59	1/4	796.58	1/4	437.56	1/4	78.55	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,866.15	1/2	1,507.13	1/2	1,148.12	1/2	789.10	1/2	430.08	1/2	71.07	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,858.67	3/4	1,499.65	3/4	1,140.64	3/4	781.62	3/4	422.60	3/4	63.59	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,851.19	7	1,492.17	7	1,133.16	7	774.14	7	415.12	7	57.05	7	7	7	7	7	7	7	7
1/4	1,843.71	1/4	1,484.69	1/4	1,125.68	1/4	766.66	1/4	407.64	1/4	50.50	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,836.23	1/2	1,477.21	1/2	1,118.20	1/2	759.18	1/2	400.17	1/2	43.96	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,828.75	3/4	1,469.73	3/4	1,110.72	3/4	751.70	3/4	392.69	3/4	37.42	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,821.27	8	1,462.25	8	1,103.24	8	744.22	8	385.21	8	32.75	8	8	8	8	8	8	8	8
1/4	1,813.79	1/4	1,454.77	1/4	1,095.76	1/4	736.74	1/4	377.73	1/4	28.08	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,806.31	1/2	1,447.30	1/2	1,088.28	1/2	729.26	1/2	370.25	1/2	23.42	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,798.83	3/4	1,439.82	3/4	1,080.80	3/4	721.78	3/4	362.77	3/4	18.75	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,791.35	9	1,432.34	9	1,073.32	9	714.30	9	355.29	9		9	9	9	9	9	9	9	9
1/4	1,783.87	1/4	1,424.86	1/4	1,065.84	1/4	706.82	1/4	347.81	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,776.39	1/2	1,417.38	1/2	1,058.36	1/2	699.35	1/2	340.33	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,768.91	3/4	1,409.90	3/4	1,050.88	3/4	691.87	3/4	332.85	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,761.43	10	1,402.42	10	1,043.40	10	684.39	10	325.37	10		10	10	10	10	10	10	10	10
1/4	1,753.95	1/4	1,394.94	1/4	1,035.92	1/4	676.91	1/4	317.89	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,746.48	1/2	1,387.46	1/2	1,028.44	1/2	669.43	1/2	310.41	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,739.00	3/4	1,379.98	3/4	1,020.96	3/4	661.95	3/4	302.93	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,731.52	11	1,372.50	11	1,013.48	11	654.47	11	295.45	11		11	11	11	11	11	11	11	11
1/4	1,724.04	1/4	1,365.02	1/4	1,006.00	1/4	646.99	1/4	287.97	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,716.56	1/2	1,357.54	1/2	998.53	1/2	639.51	1/2	280.49	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,709.08	3/4	1,350.06	3/4	991.05	3/4	632.03	3/4	273.01	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/18/2004 CB  
DECK MEASUREMENTS: 05/29/2014 SW  
REPRINTED: 06/02/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2014

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







# BARGE "NGL 3138"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	2,060.61	0	1,701.60	0	1,342.58	0	983.57	0	624.55	0	265.53	0		0		0		0	
1/4	2,053.13	1/4	1,694.12	1/4	1,335.10	1/4	976.09	1/4	617.07	1/4	258.05	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,045.66	1/2	1,686.64	1/2	1,327.62	1/2	968.61	1/2	609.59	1/2	250.58	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,038.18	3/4	1,679.16	3/4	1,320.14	3/4	961.13	3/4	602.11	3/4	243.10	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,030.70	1	1,671.68	1	1,312.66	1	953.65	1	594.63	1	235.62	1	1	1	1	1	1	1	1
1/4	2,023.22	1/4	1,664.20	1/4	1,305.18	1/4	946.17	1/4	587.15	1/4	228.14	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,015.74	1/2	1,656.72	1/2	1,297.71	1/2	938.69	1/2	579.67	1/2	220.66	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,008.26	3/4	1,649.24	3/4	1,290.23	3/4	931.21	3/4	572.19	3/4	213.18	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,000.78	2	1,641.76	2	1,282.75	2	923.73	2	564.71	2	205.70	2	2	2	2	2	2	2	2
1/4	1,993.30	1/4	1,634.28	1/4	1,275.27	1/4	916.25	1/4	557.23	1/4	198.22	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,985.82	1/2	1,626.80	1/2	1,267.79	1/2	908.77	1/2	549.76	1/2	190.74	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,978.34	3/4	1,619.32	3/4	1,260.31	3/4	901.29	3/4	542.28	3/4	183.26	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,970.86	3	1,611.84	3	1,252.83	3	893.81	3	534.80	3	175.78	3	3	3	3	3	3	3	3
1/4	1,963.38	1/4	1,604.36	1/4	1,245.35	1/4	886.33	1/4	527.32	1/4	168.30	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,955.90	1/2	1,596.89	1/2	1,237.87	1/2	878.85	1/2	519.84	1/2	160.82	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,948.42	3/4	1,589.41	3/4	1,230.39	3/4	871.37	3/4	512.36	3/4	153.34	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,940.94	4	1,581.93	4	1,222.91	4	863.89	4	504.88	4	145.86	4	4	4	4	4	4	4	4
1/4	1,933.46	1/4	1,574.45	1/4	1,215.43	1/4	856.41	1/4	497.40	1/4	138.38	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,925.98	1/2	1,566.97	1/2	1,207.95	1/2	848.94	1/2	489.92	1/2	130.90	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,918.50	3/4	1,559.49	3/4	1,200.47	3/4	841.46	3/4	482.44	3/4	123.42	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,911.02	5	1,552.01	5	1,192.99	5	833.98	5	474.96	5	115.94	5	5	5	5	5	5	5	5
1/4	1,903.54	1/4	1,544.53	1/4	1,185.51	1/4	826.50	1/4	467.48	1/4	108.46	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,896.07	1/2	1,537.05	1/2	1,178.03	1/2	819.02	1/2	460.00	1/2	100.99	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,888.59	3/4	1,529.57	3/4	1,170.55	3/4	811.54	3/4	452.52	3/4	93.51	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,881.11	6	1,522.09	6	1,163.07	6	804.06	6	445.04	6	86.03	6	6	6	6	6	6	6	6
1/4	1,873.63	1/4	1,514.61	1/4	1,155.59	1/4	796.58	1/4	437.56	1/4	78.55	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,866.15	1/2	1,507.13	1/2	1,148.12	1/2	789.10	1/2	430.08	1/2	71.07	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,858.67	3/4	1,499.65	3/4	1,140.64	3/4	781.62	3/4	422.60	3/4	63.59	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,851.19	7	1,492.17	7	1,133.16	7	774.14	7	415.12	7	57.05	7	7	7	7	7	7	7	7
1/4	1,843.71	1/4	1,484.69	1/4	1,125.68	1/4	766.66	1/4	407.64	1/4	50.50	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,836.23	1/2	1,477.21	1/2	1,118.20	1/2	759.18	1/2	400.17	1/2	43.96	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,828.75	3/4	1,469.73	3/4	1,110.72	3/4	751.70	3/4	392.69	3/4	37.42	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,821.27	8	1,462.25	8	1,103.24	8	744.22	8	385.21	8	32.75	8	8	8	8	8	8	8	8
1/4	1,813.79	1/4	1,454.77	1/4	1,095.76	1/4	736.74	1/4	377.73	1/4	28.08	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,806.31	1/2	1,447.30	1/2	1,088.28	1/2	729.26	1/2	370.25	1/2	23.42	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,798.83	3/4	1,439.82	3/4	1,080.80	3/4	721.78	3/4	362.77	3/4	18.75	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,791.35	9	1,432.34	9	1,073.32	9	714.30	9	355.29	9		9	9	9	9	9	9	9	9
1/4	1,783.87	1/4	1,424.86	1/4	1,065.84	1/4	706.82	1/4	347.81	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,776.39	1/2	1,417.38	1/2	1,058.36	1/2	699.35	1/2	340.33	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,768.91	3/4	1,409.90	3/4	1,050.88	3/4	691.87	3/4	332.85	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,761.43	10	1,402.42	10	1,043.40	10	684.39	10	325.37	10		10	10	10	10	10	10	10	10
1/4	1,753.95	1/4	1,394.94	1/4	1,035.92	1/4	676.91	1/4	317.89	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,746.48	1/2	1,387.46	1/2	1,028.44	1/2	669.43	1/2	310.41	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,739.00	3/4	1,379.98	3/4	1,020.96	3/4	661.95	3/4	302.93	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,731.52	11	1,372.50	11	1,013.48	11	654.47	11	295.45	11		11	11	11	11	11	11	11	11
1/4	1,724.04	1/4	1,365.02	1/4	1,006.00	1/4	646.99	1/4	287.97	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,716.56	1/2	1,357.54	1/2	998.53	1/2	639.51	1/2	280.49	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,709.08	3/4	1,350.06	3/4	991.05	3/4	632.03	3/4	273.01	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/18/2004 CB  
DECK MEASUREMENTS: 05/29/2014 SW  
REPRINTED: 06/02/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2014

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





# BARGE "NGL 3138"

# 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,069.18	0	1,709.97	0	1,350.77	0	991.56	0	632.35	0	273.14	0		0		0		0	
1/4	2,061.70	1/4	1,702.49	1/4	1,343.28	1/4	984.07	1/4	624.87	1/4	265.66	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,054.21	1/2	1,695.00	1/2	1,335.80	1/2	976.59	1/2	617.38	1/2	258.17	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,046.73	3/4	1,687.52	3/4	1,328.31	3/4	969.10	3/4	609.90	3/4	250.69	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,039.25	1	1,680.04	1	1,320.83	1	961.62	1	602.42	1	243.21	1	1	1	1	1	1	1	1
1/4	2,031.76	1/4	1,672.56	1/4	1,313.35	1/4	954.14	1/4	594.93	1/4	235.72	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,024.28	1/2	1,665.07	1/2	1,305.86	1/2	946.65	1/2	587.45	1/2	228.24	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,016.79	3/4	1,657.59	3/4	1,298.38	3/4	939.17	3/4	579.96	3/4	220.75	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,009.31	2	1,650.11	2	1,290.90	2	931.69	2	572.48	2	213.27	2	2	2	2	2	2	2	2
1/4	2,001.83	1/4	1,642.62	1/4	1,283.41	1/4	924.21	1/4	565.00	1/4	205.79	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,994.34	1/2	1,635.14	1/2	1,275.93	1/2	916.72	1/2	557.51	1/2	198.30	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,986.86	3/4	1,627.65	3/4	1,268.44	3/4	909.24	3/4	550.03	3/4	190.82	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,979.38	3	1,620.17	3	1,260.96	3	901.76	3	542.55	3	183.34	3	3	3	3	3	3	3	3
1/4	1,971.90	1/4	1,612.69	1/4	1,253.48	1/4	894.27	1/4	535.06	1/4	175.86	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,964.41	1/2	1,605.20	1/2	1,245.99	1/2	886.79	1/2	527.58	1/2	168.37	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,956.93	3/4	1,597.72	3/4	1,238.51	3/4	879.30	3/4	520.09	3/4	160.89	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,949.45	4	1,590.24	4	1,231.03	4	871.82	4	512.61	4	153.41	4	4	4	4	4	4	4	4
1/4	1,941.96	1/4	1,582.75	1/4	1,223.55	1/4	864.34	1/4	505.13	1/4	145.92	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,934.48	1/2	1,575.27	1/2	1,216.06	1/2	856.85	1/2	497.64	1/2	138.44	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,926.99	3/4	1,567.78	3/4	1,208.58	3/4	849.37	3/4	490.16	3/4	130.95	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,919.51	5	1,560.30	5	1,201.10	5	841.89	5	482.68	5	123.47	5	5	5	5	5	5	5	5
1/4	1,912.03	1/4	1,552.82	1/4	1,193.61	1/4	834.40	1/4	475.20	1/4	115.99	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,904.54	1/2	1,545.33	1/2	1,186.13	1/2	826.92	1/2	467.71	1/2	108.50	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,897.06	3/4	1,537.85	3/4	1,178.64	3/4	819.43	3/4	460.23	3/4	101.02	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,889.58	6	1,530.37	6	1,171.16	6	811.95	6	452.75	6	93.54	6	6	6	6	6	6	6	6
1/4	1,882.09	1/4	1,522.89	1/4	1,163.68	1/4	804.47	1/4	445.26	1/4	86.05	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,874.61	1/2	1,515.40	1/2	1,156.19	1/2	796.98	1/2	437.78	1/2	78.57	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,867.12	3/4	1,507.92	3/4	1,148.71	3/4	789.50	3/4	430.29	3/4	71.08	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,859.64	7	1,500.44	7	1,141.23	7	782.02	7	422.81	7	63.60	7	7	7	7	7	7	7	7
1/4	1,852.16	1/4	1,492.95	1/4	1,133.74	1/4	774.54	1/4	415.33	1/4	57.05	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,844.67	1/2	1,485.47	1/2	1,126.26	1/2	767.05	1/2	407.84	1/2	50.51	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,837.19	3/4	1,477.98	3/4	1,118.77	3/4	759.57	3/4	400.36	3/4	43.96	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,829.71	8	1,470.50	8	1,111.29	8	752.09	8	392.88	8	37.42	8	8	8	8	8	8	8	8
1/4	1,822.23	1/4	1,463.02	1/4	1,103.81	1/4	744.60	1/4	385.39	1/4	32.75	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,814.74	1/2	1,455.53	1/2	1,096.32	1/2	737.12	1/2	377.91	1/2	28.08	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,807.26	3/4	1,448.05	3/4	1,088.84	3/4	729.63	3/4	370.42	3/4	23.42	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,799.78	9	1,440.57	9	1,081.36	9	722.15	9	362.94	9	18.75	9	9	9	9	9	9	9	9
1/4	1,792.29	1/4	1,433.08	1/4	1,073.88	1/4	714.67	1/4	355.46	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,784.81	1/2	1,425.60	1/2	1,066.39	1/2	707.18	1/2	347.97	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,777.32	3/4	1,418.11	3/4	1,058.91	3/4	699.70	3/4	340.49	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,769.84	10	1,410.63	10	1,051.43	10	692.22	10	333.01	10		10	10	10	10	10	10	10	10
1/4	1,762.36	1/4	1,403.15	1/4	1,043.94	1/4	684.73	1/4	325.53	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,754.87	1/2	1,395.66	1/2	1,036.46	1/2	677.25	1/2	318.04	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,747.39	3/4	1,388.18	3/4	1,028.97	3/4	669.76	3/4	310.56	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,739.91	11	1,380.70	11	1,021.49	11	662.28	11	303.08	11		11	11	11	11	11	11	11	11
1/4	1,732.42	1/4	1,373.22	1/4	1,014.01	1/4	654.80	1/4	295.59	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,724.94	1/2	1,365.73	1/2	1,006.52	1/2	647.31	1/2	288.11	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,717.45	3/4	1,358.25	3/4	999.04	3/4	639.83	3/4	280.62	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/18/2004 CB  
DECK MEASUREMENTS: 05/29/2014 SW  
REPRINTED: 06/02/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2014

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







# BARGE "NGL 3138"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	2,069.18	0	1,709.97	0	1,350.77	0	991.56	0	632.35	0	273.14	0		0		0		0	
1/4	2,061.70	1/4	1,702.49	1/4	1,343.28	1/4	984.07	1/4	624.87	1/4	265.66	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,054.21	1/2	1,695.00	1/2	1,335.80	1/2	976.59	1/2	617.38	1/2	258.17	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,046.73	3/4	1,687.52	3/4	1,328.31	3/4	969.10	3/4	609.90	3/4	250.69	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,039.25	1	1,680.04	1	1,320.83	1	961.62	1	602.42	1	243.21	1	1	1	1	1	1	1	1
1/4	2,031.76	1/4	1,672.56	1/4	1,313.35	1/4	954.14	1/4	594.93	1/4	235.72	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,024.28	1/2	1,665.07	1/2	1,305.86	1/2	946.65	1/2	587.45	1/2	228.24	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,016.79	3/4	1,657.59	3/4	1,298.38	3/4	939.17	3/4	579.96	3/4	220.75	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,009.31	2	1,650.11	2	1,290.90	2	931.69	2	572.48	2	213.27	2	2	2	2	2	2	2	2
1/4	2,001.83	1/4	1,642.62	1/4	1,283.41	1/4	924.21	1/4	565.00	1/4	205.79	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,994.34	1/2	1,635.14	1/2	1,275.93	1/2	916.72	1/2	557.51	1/2	198.30	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,986.86	3/4	1,627.65	3/4	1,268.44	3/4	909.24	3/4	550.03	3/4	190.82	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,979.38	3	1,620.17	3	1,260.96	3	901.76	3	542.55	3	183.34	3	3	3	3	3	3	3	3
1/4	1,971.90	1/4	1,612.69	1/4	1,253.48	1/4	894.27	1/4	535.06	1/4	175.86	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,964.41	1/2	1,605.20	1/2	1,245.99	1/2	886.79	1/2	527.58	1/2	168.37	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,956.93	3/4	1,597.72	3/4	1,238.51	3/4	879.30	3/4	520.09	3/4	160.89	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,949.45	4	1,590.24	4	1,231.03	4	871.82	4	512.61	4	153.41	4	4	4	4	4	4	4	4
1/4	1,941.96	1/4	1,582.75	1/4	1,223.55	1/4	864.34	1/4	505.13	1/4	145.92	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,934.48	1/2	1,575.27	1/2	1,216.06	1/2	856.85	1/2	497.64	1/2	138.44	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,926.99	3/4	1,567.78	3/4	1,208.58	3/4	849.37	3/4	490.16	3/4	130.95	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,919.51	5	1,560.30	5	1,201.10	5	841.89	5	482.68	5	123.47	5	5	5	5	5	5	5	5
1/4	1,912.03	1/4	1,552.82	1/4	1,193.61	1/4	834.40	1/4	475.20	1/4	115.99	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,904.54	1/2	1,545.33	1/2	1,186.13	1/2	826.92	1/2	467.71	1/2	108.50	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,897.06	3/4	1,537.85	3/4	1,178.64	3/4	819.43	3/4	460.23	3/4	101.02	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,889.58	6	1,530.37	6	1,171.16	6	811.95	6	452.75	6	93.54	6	6	6	6	6	6	6	6
1/4	1,882.09	1/4	1,522.89	1/4	1,163.68	1/4	804.47	1/4	445.26	1/4	86.05	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,874.61	1/2	1,515.40	1/2	1,156.19	1/2	796.98	1/2	437.78	1/2	78.57	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,867.12	3/4	1,507.92	3/4	1,148.71	3/4	789.50	3/4	430.29	3/4	71.08	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,859.64	7	1,500.44	7	1,141.23	7	782.02	7	422.81	7	63.60	7	7	7	7	7	7	7	7
1/4	1,852.16	1/4	1,492.95	1/4	1,133.74	1/4	774.54	1/4	415.33	1/4	57.05	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,844.67	1/2	1,485.47	1/2	1,126.26	1/2	767.05	1/2	407.84	1/2	50.51	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,837.19	3/4	1,477.98	3/4	1,118.77	3/4	759.57	3/4	400.36	3/4	43.96	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,829.71	8	1,470.50	8	1,111.29	8	752.09	8	392.88	8	37.42	8	8	8	8	8	8	8	8
1/4	1,822.23	1/4	1,463.02	1/4	1,103.81	1/4	744.60	1/4	385.39	1/4	32.75	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,814.74	1/2	1,455.53	1/2	1,096.32	1/2	737.12	1/2	377.91	1/2	28.08	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,807.26	3/4	1,448.05	3/4	1,088.84	3/4	729.63	3/4	370.42	3/4	23.42	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,799.78	9	1,440.57	9	1,081.36	9	722.15	9	362.94	9	18.75	9	9	9	9	9	9	9	9
1/4	1,792.29	1/4	1,433.08	1/4	1,073.88	1/4	714.67	1/4	355.46	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,784.81	1/2	1,425.60	1/2	1,066.39	1/2	707.18	1/2	347.97	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,777.32	3/4	1,418.11	3/4	1,058.91	3/4	699.70	3/4	340.49	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,769.84	10	1,410.63	10	1,051.43	10	692.22	10	333.01	10		10	10	10	10	10	10	10	10
1/4	1,762.36	1/4	1,403.15	1/4	1,043.94	1/4	684.73	1/4	325.53	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,754.87	1/2	1,395.66	1/2	1,036.46	1/2	677.25	1/2	318.04	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,747.39	3/4	1,388.18	3/4	1,028.97	3/4	669.76	3/4	310.56	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,739.91	11	1,380.70	11	1,021.49	11	662.28	11	303.08	11		11	11	11	11	11	11	11	11
1/4	1,732.42	1/4	1,373.22	1/4	1,014.01	1/4	654.80	1/4	295.59	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,724.94	1/2	1,365.73	1/2	1,006.52	1/2	647.31	1/2	288.11	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,717.45	3/4	1,358.25	3/4	999.04	3/4	639.83	3/4	280.62	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/18/2004 CB  
DECK MEASUREMENTS: 05/29/2014 SW  
REPRINTED: 06/02/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2014

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<http://www.pmacorp.net>



# BARGE "NGL 3138"

## PORT SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-04 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,021	0	2,039	0	3,060	0	4,080	0		0		0		0		0	
1/4	21	1/4	1,042	1/4	2,061	1/4	3,081	1/4	4,101	1/4		1/4		1/4		1/4		1/4	
1/2	43	1/2	1,063	1/2	2,082	1/2	3,102	1/2	4,123	1/2		1/2		1/2		1/2		1/2	
3/4	64	3/4	1,084	3/4	2,103	3/4	3,123	3/4	4,144	3/4		3/4		3/4		3/4		3/4	
1	85	1	1,106	1	2,124	1	3,145	1	4,165	1		1		1		1		1	
1/4	106	1/4	1,127	1/4	2,145	1/4	3,166	1/4	4,187	1/4		1/4		1/4		1/4		1/4	
1/2	128	1/2	1,148	1/2	2,167	1/2	3,187	1/2	4,208	1/2		1/2		1/2		1/2		1/2	
3/4	149	3/4	1,169	3/4	2,188	3/4	3,208	3/4	4,229	3/4		3/4		3/4		3/4		3/4	
2	170	2	1,191	2	2,209	2	3,230	2	4,250	2		2		2		2		2	
1/4	191	1/4	1,212	1/4	2,230	1/4	3,251	1/4	4,272	1/4		1/4		1/4		1/4		1/4	
1/2	213	1/2	1,233	1/2	2,252	1/2	3,272	1/2	4,293	1/2		1/2		1/2		1/2		1/2	
3/4	234	3/4	1,254	3/4	2,273	3/4	3,294	3/4	4,314	3/4		3/4		3/4		3/4		3/4	
3	255	3	1,276	3	2,294	3	3,315	3	4,335	3		3		3		3		3	
1/4	276	1/4	1,297	1/4	2,316	1/4	3,336	1/4	4,357	1/4		1/4		1/4		1/4		1/4	
1/2	298	1/2	1,318	1/2	2,337	1/2	3,357	1/2	4,378	1/2		1/2		1/2		1/2		1/2	
3/4	319	3/4	1,339	3/4	2,358	3/4	3,379	3/4	4,399	3/4		3/4		3/4		3/4		3/4	
4	340	4	1,361	4	2,379	4	3,400	4	4,420	4		4		4		4		4	
1/4	361	1/4	1,382	1/4	2,401	1/4	3,421	1/4	4,442	1/4		1/4		1/4		1/4		1/4	
1/2	383	1/2	1,403	1/2	2,422	1/2	3,442	1/2	4,463	1/2		1/2		1/2		1/2		1/2	
3/4	404	3/4	1,425	3/4	2,443	3/4	3,464	3/4	4,484	3/4		3/4		3/4		3/4		3/4	
5	425	5	1,446	5	2,464	5	3,485	5	4,505	5		5		5		5		5	
1/4	446	1/4	1,467	1/4	2,486	1/4	3,506	1/4	4,527	1/4		1/4		1/4		1/4		1/4	
1/2	468	1/2	1,488	1/2	2,507	1/2	3,527	1/2	4,548	1/2		1/2		1/2		1/2		1/2	
3/4	489	3/4	1,510	3/4	2,528	3/4	3,549	3/4	4,569	3/4		3/4		3/4		3/4		3/4	
6	510	6	1,531	6	2,549	6	3,570	6	4,590	6		6		6		6		6	
1/4	532	1/4	1,552	1/4	2,571	1/4	3,591	1/4	4,612	1/4		1/4		1/4		1/4		1/4	
1/2	553	1/2	1,573	1/2	2,592	1/2	3,612	1/2	4,633	1/2		1/2		1/2		1/2		1/2	
3/4	574	3/4	1,595	3/4	2,613	3/4	3,634	3/4	4,654	3/4		3/4		3/4		3/4		3/4	
7	595	7	1,616	7	2,634	7	3,655	7	4,676	7		7		7		7		7	
1/4	617	1/4	1,637	1/4	2,656	1/4	3,676	1/4	4,696	1/4		1/4		1/4		1/4		1/4	
1/2	638	1/2	1,658	1/2	2,677	1/2	3,698	1/2	4,717	1/2		1/2		1/2		1/2		1/2	
3/4	659	3/4	1,680	3/4	2,698	3/4	3,719	3/4	4,738	3/4		3/4		3/4		3/4		3/4	
8	680	8	1,701	8	2,719	8	3,740	8	4,759	8		8		8		8		8	
1/4	702	1/4	1,722	1/4	2,741	1/4	3,761	1/4	4,780	1/4		1/4		1/4		1/4		1/4	
1/2	723	1/2	1,743	1/2	2,762	1/2	3,783	1/2	4,801	1/2		1/2		1/2		1/2		1/2	
3/4	744	3/4	1,765	3/4	2,783	3/4	3,804	3/4	4,822	3/4		3/4		3/4		3/4		3/4	
9	765	9	1,786	9	2,805	9	3,825	9	4,843	9		9		9		9		9	
1/4	787	1/4	1,807	1/4	2,826	1/4	3,846	1/4	4,864	1/4		1/4		1/4		1/4		1/4	
1/2	808	1/2	1,828	1/2	2,847	1/2	3,868	1/2	4,885	1/2		1/2		1/2		1/2		1/2	
3/4	829	3/4	1,850	3/4	2,868	3/4	3,889	3/4	4,906	3/4		3/4		3/4		3/4		3/4	
10	850	10	1,871	10	2,890	10	3,910	10	4,927	10		10		10		10		10	
1/4	872	1/4	1,892	1/4	2,911	1/4	3,931	1/4	4,948	1/4		1/4		1/4		1/4		1/4	
1/2	893	1/2	1,913	1/2	2,932	1/2	3,953	1/2	4,969	1/2		1/2		1/2		1/2		1/2	
3/4	914	3/4	1,934	3/4	2,953	3/4	3,974	3/4	4,990	3/4		3/4		3/4		3/4		3/4	
11	936	11	1,955	11	2,975	11	3,995	11	5,010	11		11		11		11		11	
1/4	957	1/4	1,976	1/4	2,996	1/4	4,016	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	978	1/2	1,997	1/2	3,017	1/2	4,038	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	999	3/4	2,018	3/4	3,038	3/4	4,059	3/4		3/4		3/4		3/4		3/4		3/4	

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 AT GAUGE POINT.  
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2 1/2" PIPE

STRAPPED: 06/02/2014 SW  
CALCULATED: 06/03/2014 CL  
PRINTED: 06/04/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2014

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "NGL 3138"

## STBD SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-04 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,021	0	2,039	0	3,060	0	4,080	0		0		0		0		0	
1/4	21	1/4	1,042	1/4	2,061	1/4	3,081	1/4	4,101	1/4		1/4		1/4		1/4		1/4	
1/2	43	1/2	1,063	1/2	2,082	1/2	3,102	1/2	4,123	1/2		1/2		1/2		1/2		1/2	
3/4	64	3/4	1,084	3/4	2,103	3/4	3,123	3/4	4,144	3/4		3/4		3/4		3/4		3/4	
1	85	1	1,106	1	2,124	1	3,145	1	4,165	1		1		1		1		1	
1/4	106	1/4	1,127	1/4	2,145	1/4	3,166	1/4	4,187	1/4		1/4		1/4		1/4		1/4	
1/2	128	1/2	1,148	1/2	2,167	1/2	3,187	1/2	4,208	1/2		1/2		1/2		1/2		1/2	
3/4	149	3/4	1,169	3/4	2,188	3/4	3,208	3/4	4,229	3/4		3/4		3/4		3/4		3/4	
2	170	2	1,191	2	2,209	2	3,230	2	4,250	2		2		2		2		2	
1/4	191	1/4	1,212	1/4	2,230	1/4	3,251	1/4	4,272	1/4		1/4		1/4		1/4		1/4	
1/2	213	1/2	1,233	1/2	2,252	1/2	3,272	1/2	4,293	1/2		1/2		1/2		1/2		1/2	
3/4	234	3/4	1,254	3/4	2,273	3/4	3,294	3/4	4,314	3/4		3/4		3/4		3/4		3/4	
3	255	3	1,276	3	2,294	3	3,315	3	4,335	3		3		3		3		3	
1/4	276	1/4	1,297	1/4	2,316	1/4	3,336	1/4	4,357	1/4		1/4		1/4		1/4		1/4	
1/2	298	1/2	1,318	1/2	2,337	1/2	3,357	1/2	4,378	1/2		1/2		1/2		1/2		1/2	
3/4	319	3/4	1,339	3/4	2,358	3/4	3,379	3/4	4,399	3/4		3/4		3/4		3/4		3/4	
4	340	4	1,361	4	2,379	4	3,400	4	4,420	4		4		4		4		4	
1/4	361	1/4	1,382	1/4	2,401	1/4	3,421	1/4	4,442	1/4		1/4		1/4		1/4		1/4	
1/2	383	1/2	1,403	1/2	2,422	1/2	3,442	1/2	4,463	1/2		1/2		1/2		1/2		1/2	
3/4	404	3/4	1,425	3/4	2,443	3/4	3,464	3/4	4,484	3/4		3/4		3/4		3/4		3/4	
5	425	5	1,446	5	2,464	5	3,485	5	4,505	5		5		5		5		5	
1/4	446	1/4	1,467	1/4	2,486	1/4	3,506	1/4	4,527	1/4		1/4		1/4		1/4		1/4	
1/2	468	1/2	1,488	1/2	2,507	1/2	3,527	1/2	4,548	1/2		1/2		1/2		1/2		1/2	
3/4	489	3/4	1,510	3/4	2,528	3/4	3,549	3/4	4,569	3/4		3/4		3/4		3/4		3/4	
6	510	6	1,531	6	2,549	6	3,570	6	4,590	6		6		6		6		6	
1/4	532	1/4	1,552	1/4	2,571	1/4	3,591	1/4	4,612	1/4		1/4		1/4		1/4		1/4	
1/2	553	1/2	1,573	1/2	2,592	1/2	3,612	1/2	4,633	1/2		1/2		1/2		1/2		1/2	
3/4	574	3/4	1,595	3/4	2,613	3/4	3,634	3/4	4,654	3/4		3/4		3/4		3/4		3/4	
7	595	7	1,616	7	2,634	7	3,655	7	4,676	7		7		7		7		7	
1/4	617	1/4	1,637	1/4	2,656	1/4	3,676	1/4	4,696	1/4		1/4		1/4		1/4		1/4	
1/2	638	1/2	1,658	1/2	2,677	1/2	3,698	1/2	4,717	1/2		1/2		1/2		1/2		1/2	
3/4	659	3/4	1,680	3/4	2,698	3/4	3,719	3/4	4,738	3/4		3/4		3/4		3/4		3/4	
8	680	8	1,701	8	2,719	8	3,740	8	4,759	8		8		8		8		8	
1/4	702	1/4	1,722	1/4	2,741	1/4	3,761	1/4	4,780	1/4		1/4		1/4		1/4		1/4	
1/2	723	1/2	1,743	1/2	2,762	1/2	3,783	1/2	4,801	1/2		1/2		1/2		1/2		1/2	
3/4	744	3/4	1,765	3/4	2,783	3/4	3,804	3/4	4,822	3/4		3/4		3/4		3/4		3/4	
9	765	9	1,786	9	2,805	9	3,825	9	4,843	9		9		9		9		9	
1/4	787	1/4	1,807	1/4	2,826	1/4	3,846	1/4	4,864	1/4		1/4		1/4		1/4		1/4	
1/2	808	1/2	1,828	1/2	2,847	1/2	3,868	1/2	4,885	1/2		1/2		1/2		1/2		1/2	
3/4	829	3/4	1,850	3/4	2,868	3/4	3,889	3/4	4,906	3/4		3/4		3/4		3/4		3/4	
10	850	10	1,871	10	2,890	10	3,910	10	4,927	10		10		10		10		10	
1/4	872	1/4	1,892	1/4	2,911	1/4	3,931	1/4	4,948	1/4		1/4		1/4		1/4		1/4	
1/2	893	1/2	1,913	1/2	2,932	1/2	3,953	1/2	4,969	1/2		1/2		1/2		1/2		1/2	
3/4	914	3/4	1,934	3/4	2,953	3/4	3,974	3/4	4,990	3/4		3/4		3/4		3/4		3/4	
11	936	11	1,955	11	2,975	11	3,995	11	5,010	11		11		11		11		11	
1/4	957	1/4	1,976	1/4	2,996	1/4	4,016	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	978	1/2	1,997	1/2	3,017	1/2	4,038	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	999	3/4	2,018	3/4	3,038	3/4	4,059	3/4		3/4		3/4		3/4		3/4		3/4	

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 AT GAUGE POINT.  
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2 1/2" PIPE

STRAPPED: 06/02/2014 SW  
CALCULATED: 06/03/2014 CL  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2014

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



# BARGE "NGL 3138"

## FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 3'-11"

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	117	0	291	0	446	0		0		0		0		0		0	
1/4	1	1/4	121	1/4	295	1/4	448	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2	1/2	124	1/2	298	1/2	451	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2	3/4	128	3/4	302	3/4	453	3/4		3/4		3/4		3/4		3/4		3/4	
1	3	1	131	1	306	1	455	1		1		1		1		1		1	
1/4	4	1/4	134	1/4	309	1/4	458	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	6	1/2	138	1/2	313	1/2	460	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	7	3/4	141	3/4	317	3/4	462	3/4		3/4		3/4		3/4		3/4		3/4	
2	9	2	145	2	320	2	464	2		2		2		2		2		2	
1/4	11	1/4	148	1/4	324	1/4	466	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	12	1/2	152	1/2	327	1/2	468	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	14	3/4	156	3/4	331	3/4	469	3/4		3/4		3/4		3/4		3/4		3/4	
3	16	3	159	3	334	3	471	3		3		3		3		3		3	
1/4	18	1/4	163	1/4	338	1/4	473	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	20	1/2	166	1/2	341	1/2	474	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	22	3/4	170	3/4	345	3/4	476	3/4		3/4		3/4		3/4		3/4		3/4	
4	24	4	173	4	348	4	477	4		4		4		4		4		4	
1/4	27	1/4	177	1/4	352	1/4	478	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	29	1/2	181	1/2	355	1/2	479	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	31	3/4	184	3/4	359	3/4	480	3/4		3/4		3/4		3/4		3/4		3/4	
5	34	5	188	5	362	5	481	5		5		5		5		5		5	
1/4	36	1/4	192	1/4	365	1/4	481	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	39	1/2	195	1/2	369	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	41	3/4	199	3/4	372	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	44	6	203	6	375	6		6		6		6		6		6		6	
1/4	47	1/4	206	1/4	379	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	49	1/2	210	1/2	382	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	52	3/4	214	3/4	385	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	55	7	217	7	388	7		7		7		7		7		7		7	
1/4	58	1/4	221	1/4	392	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	61	1/2	225	1/2	395	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	64	3/4	228	3/4	398	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	67	8	232	8	401	8		8		8		8		8		8		8	
1/4	70	1/4	236	1/4	404	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	73	1/2	240	1/2	407	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	76	3/4	243	3/4	410	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	79	9	247	9	413	9		9		9		9		9		9		9	
1/4	82	1/4	251	1/4	416	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	85	1/2	254	1/2	419	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	88	3/4	258	3/4	422	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	91	10	262	10	425	10		10		10		10		10		10		10	
1/4	94	1/4	265	1/4	427	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	98	1/2	269	1/2	430	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	101	3/4	273	3/4	433	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	104	11	277	11	436	11		11		11		11		11		11		11	
1/4	107	1/4	280	1/4	438	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111	1/2	284	1/2	441	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114	3/4	288	3/4	443	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

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 AT GAUGE POINT.  
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 6" HATCH

STRAPPED: 06/02/2014 SW  
CALCULATED: 06/03/2014 CL  
PRINTED: 06/04/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2014

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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