



# BARGE: SMS 216

## 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 CENTER	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8
2 CENTER	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/8	- 01-1/8
3 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8

(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 CENTER IS - 00-1/2"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 1/2"

May 18, 2020



# BARGE "SMS 216"

# 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-05 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1		1		1		1		1		1		1		1		1		1	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2		2		2		2		2		2		2		2		2		2	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3		3		3		3		3		3		3		3		3		3	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4		4		4		4		4		4		4		4		4		4	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5		5		5		5		5		5		5		5		5		5	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6		6		6		6		6		6		6		6		6		6	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7		7		7		7		7		7		7		7		7		7	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8		8		8		8		8		8		8		8		8		8	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9		9		9		9		9		9		9		9		9		9	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10		10		10		10		10		10		10		10		10		10	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11		11		11		11		11		11		11		11		11		11	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
12		12		12		12		12		12		12		12		12		12	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		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.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 30'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "SMS 216"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-05 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	1,463.61	0	1,181.20	0	901.78	0	625.35	0	352.04	0	81.68	0		0		0		0	
1/4	1,457.69	1/4	1,175.34	1/4	895.99	1/4	619.62	1/4	346.38	1/4	76.07	1/4		1/4		1/4		1/4	
1/2	1,451.77	1/2	1,169.48	1/2	890.20	1/2	613.89	1/2	340.72	1/2	70.46	1/2		1/2		1/2		1/2	
3/4	1,445.85	3/4	1,163.63	3/4	884.40	3/4	608.15	3/4	335.05	3/4	64.85	3/4		3/4		3/4		3/4	
1	1,439.94	1	1,157.77	1	878.61	1	602.42	1	329.39	1	59.25	1		1		1		1	
1/4	1,434.02	1/4	1,151.92	1/4	872.82	1/4	596.69	1/4	323.73	1/4	53.64	1/4		1/4		1/4		1/4	
1/2	1,428.10	1/2	1,146.06	1/2	867.02	1/2	590.96	1/2	318.07	1/2	48.08	1/2		1/2		1/2		1/2	
3/4	1,422.18	3/4	1,140.21	3/4	861.23	3/4	585.22	3/4	312.40	3/4	42.53	3/4		3/4		3/4		3/4	
2	1,416.26	2	1,134.35	2	855.43	2	579.49	2	306.74	2	36.97	2		2		2		2	
1/4	1,410.34	1/4	1,128.50	1/4	849.64	1/4	573.76	1/4	301.08	1/4	31.42	1/4		1/4		1/4		1/4	
1/2	1,404.42	1/2	1,122.64	1/2	843.84	1/2	568.03	1/2	295.42	1/2	27.10	1/2		1/2		1/2		1/2	
3/4	1,398.50	3/4	1,116.78	3/4	838.05	3/4	562.29	3/4	289.75	3/4	22.78	3/4		3/4		3/4		3/4	
3	1,392.58	3	1,110.93	3	832.25	3	556.56	3	284.09	3	18.46	3		3		3		3	
1/4	1,386.66	1/4	1,105.07	1/4	826.46	1/4	550.83	1/4	278.43	1/4	14.14	1/4		1/4		1/4		1/4	
1/2	1,380.74	1/2	1,099.21	1/2	820.67	1/2	545.10	1/2	272.77	1/2	11.53	1/2		1/2		1/2		1/2	
3/4	1,374.82	3/4	1,093.36	3/4	814.87	3/4	539.36	3/4	267.10	3/4	8.92	3/4		3/4		3/4		3/4	
4	1,368.91	4	1,087.50	4	809.08	4	533.63	4	261.44	4	6.32	4		4		4		4	
1/4	1,362.99	1/4	1,081.65	1/4	803.29	1/4	527.90	1/4	255.78	1/4	3.71	1/4		1/4		1/4		1/4	
1/2	1,357.07	1/2	1,075.79	1/2	797.49	1/2	522.17	1/2	250.11	1/2	2.82	1/2		1/2		1/2		1/2	
3/4	1,351.15	3/4	1,069.93	3/4	791.70	3/4	516.44	3/4	244.44	3/4	1.93	3/4		3/4		3/4		3/4	
5	1,345.23	5	1,064.08	5	785.90	5	510.71	5	238.77	5	1.05	5		5		5		5	
1/4	1,339.31	1/4	1,058.22	1/4	780.11	1/4	504.98	1/4	233.10	1/4	0.16	1/4		1/4		1/4		1/4	
1/2	1,333.45	1/2	1,052.43	1/2	774.38	1/2	499.31	1/2	227.49	1/2		1/2		1/2		1/2		1/2	
3/4	1,327.60	3/4	1,046.63	3/4	768.64	3/4	493.64	3/4	221.88	3/4		3/4		3/4		3/4		3/4	
6	1,321.74	6	1,040.84	6	762.91	6	487.97	6	216.27	6		6		6		6		6	
1/4	1,315.89	1/4	1,035.05	1/4	757.18	1/4	482.30	1/4	210.66	1/4		1/4		1/4		1/4		1/4	
1/2	1,310.03	1/2	1,029.25	1/2	751.45	1/2	476.63	1/2	205.05	1/2		1/2		1/2		1/2		1/2	
3/4	1,304.17	3/4	1,023.46	3/4	745.72	3/4	470.97	3/4	199.44	3/4		3/4		3/4		3/4		3/4	
7	1,298.32	7	1,017.66	7	739.99	7	465.30	7	193.84	7		7		7		7		7	
1/4	1,292.46	1/4	1,011.87	1/4	734.26	1/4	459.64	1/4	188.23	1/4		1/4		1/4		1/4		1/4	
1/2	1,286.60	1/2	1,006.08	1/2	728.53	1/2	453.98	1/2	182.62	1/2		1/2		1/2		1/2		1/2	
3/4	1,280.75	3/4	1,000.28	3/4	722.79	3/4	448.31	3/4	177.01	3/4		3/4		3/4		3/4		3/4	
8	1,274.89	8	994.49	8	717.06	8	442.65	8	171.41	8		8		8		8		8	
1/4	1,269.04	1/4	988.70	1/4	711.33	1/4	436.99	1/4	165.80	1/4		1/4		1/4		1/4		1/4	
1/2	1,263.18	1/2	982.90	1/2	705.60	1/2	431.33	1/2	160.19	1/2		1/2		1/2		1/2		1/2	
3/4	1,257.33	3/4	977.11	3/4	699.86	3/4	425.66	3/4	154.58	3/4		3/4		3/4		3/4		3/4	
9	1,251.47	9	971.31	9	694.13	9	420.00	9	148.98	9		9		9		9		9	
1/4	1,245.62	1/4	965.52	1/4	688.40	1/4	414.34	1/4	143.37	1/4		1/4		1/4		1/4		1/4	
1/2	1,239.76	1/2	959.72	1/2	682.67	1/2	408.68	1/2	137.76	1/2		1/2		1/2		1/2		1/2	
3/4	1,233.90	3/4	953.93	3/4	676.93	3/4	403.01	3/4	132.15	3/4		3/4		3/4		3/4		3/4	
10	1,228.05	10	948.13	10	671.20	10	397.35	10	126.55	10		10		10		10		10	
1/4	1,222.19	1/4	942.34	1/4	665.47	1/4	391.69	1/4	120.94	1/4		1/4		1/4		1/4		1/4	
1/2	1,216.33	1/2	936.55	1/2	659.74	1/2	386.03	1/2	115.33	1/2		1/2		1/2		1/2		1/2	
3/4	1,210.48	3/4	930.75	3/4	654.00	3/4	380.36	3/4	109.72	3/4		3/4		3/4		3/4		3/4	
11	1,204.62	11	924.96	11	648.27	11	374.70	11	104.11	11		11		11		11		11	
1/4	1,198.77	1/4	919.17	1/4	642.54	1/4	369.04	1/4	98.50	1/4		1/4		1/4		1/4		1/4	
1/2	1,192.91	1/2	913.37	1/2	636.81	1/2	363.37	1/2	92.89	1/2		1/2		1/2		1/2		1/2	
3/4	1,187.05	3/4	907.58	3/4	631.08	3/4	357.71	3/4	87.28	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/01/1999 INSP.  
RECALCULATED: 05/19/2020 PMA  
REPRINTED: 05/19/2020 PMA

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2020

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



# BARGE "SMS 216"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-05 3/4"

IN	0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0	0		0		0		0		0		0		0		0		0		0	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4
<b>1</b>	<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4
<b>2</b>	<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4
<b>3</b>	<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4
<b>4</b>	<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4
<b>5</b>	<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4
<b>6</b>	<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4
<b>7</b>	<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4
<b>8</b>	<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4
<b>9</b>	<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4
<b>10</b>	<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4
<b>11</b>	<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2
3/4		3/4		3/4		3/4		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.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 29'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "SMS 216"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-05 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	1,428.79	0	1,161.19	0	893.59	0	625.99	0	359.10	0	92.15	0		0		0		0	
1/4	1,423.21	1/4	1,155.61	1/4	888.01	1/4	620.41	1/4	353.56	1/4	86.57	1/4		1/4		1/4		1/4	
1/2	1,417.64	1/2	1,150.04	1/2	882.44	1/2	614.84	1/2	348.02	1/2	81.00	1/2		1/2		1/2		1/2	
3/4	1,412.06	3/4	1,144.46	3/4	876.86	3/4	609.26	3/4	342.48	3/4	75.42	3/4		3/4		3/4		3/4	
1	1,406.49	1	1,138.89	1	871.29	1	603.69	1	336.94	1	69.85	1		1		1		1	
1/4	1,400.91	1/4	1,133.31	1/4	865.71	1/4	598.11	1/4	331.40	1/4	64.27	1/4		1/4		1/4		1/4	
1/2	1,395.34	1/2	1,127.74	1/2	860.14	1/2	592.54	1/2	325.85	1/2	58.70	1/2		1/2		1/2		1/2	
3/4	1,389.76	3/4	1,122.16	3/4	854.56	3/4	586.96	3/4	320.31	3/4	53.12	3/4		3/4		3/4		3/4	
2	1,384.19	2	1,116.59	2	848.99	2	581.39	2	314.77	2	47.60	2		2		2		2	
1/4	1,378.61	1/4	1,111.01	1/4	843.41	1/4	575.81	1/4	309.23	1/4	42.08	1/4		1/4		1/4		1/4	
1/2	1,373.04	1/2	1,105.44	1/2	837.84	1/2	570.24	1/2	303.69	1/2	36.55	1/2		1/2		1/2		1/2	
3/4	1,367.46	3/4	1,099.86	3/4	832.26	3/4	564.66	3/4	298.15	3/4	31.03	3/4		3/4		3/4		3/4	
3	1,361.89	3	1,094.29	3	826.69	3	559.09	3	292.61	3	26.74	3		3		3		3	
1/4	1,356.31	1/4	1,088.71	1/4	821.11	1/4	553.51	1/4	287.07	1/4	22.46	1/4		1/4		1/4		1/4	
1/2	1,350.74	1/2	1,083.14	1/2	815.54	1/2	547.94	1/2	281.52	1/2	18.17	1/2		1/2		1/2		1/2	
3/4	1,345.16	3/4	1,077.56	3/4	809.96	3/4	542.36	3/4	275.98	3/4	13.88	3/4		3/4		3/4		3/4	
4	1,339.59	4	1,071.99	4	804.39	4	536.79	4	270.44	4	11.31	4		4		4		4	
1/4	1,334.01	1/4	1,066.41	1/4	798.81	1/4	531.21	1/4	264.90	1/4	8.74	1/4		1/4		1/4		1/4	
1/2	1,328.44	1/2	1,060.84	1/2	793.24	1/2	525.64	1/2	259.36	1/2	6.16	1/2		1/2		1/2		1/2	
3/4	1,322.86	3/4	1,055.26	3/4	787.66	3/4	520.06	3/4	253.82	3/4	3.59	3/4		3/4		3/4		3/4	
5	1,317.29	5	1,049.69	5	782.09	5	514.49	5	248.25	5	2.73	5		5		5		5	
1/4	1,311.71	1/4	1,044.11	1/4	776.51	1/4	508.91	1/4	242.67	1/4	1.88	1/4		1/4		1/4		1/4	
1/2	1,306.14	1/2	1,038.54	1/2	770.94	1/2	503.34	1/2	237.10	1/2	1.02	1/2		1/2		1/2		1/2	
3/4	1,300.56	3/4	1,032.96	3/4	765.36	3/4	497.76	3/4	231.52	3/4	0.16	3/4		3/4		3/4		3/4	
6	1,294.99	6	1,027.39	6	759.79	6	492.19	6	225.95	6		6		6		6		6	
1/4	1,289.41	1/4	1,021.81	1/4	754.21	1/4	486.61	1/4	220.37	1/4		1/4		1/4		1/4		1/4	
1/2	1,283.84	1/2	1,016.24	1/2	748.64	1/2	481.04	1/2	214.80	1/2		1/2		1/2		1/2		1/2	
3/4	1,278.26	3/4	1,010.66	3/4	743.06	3/4	475.46	3/4	209.22	3/4		3/4		3/4		3/4		3/4	
7	1,272.69	7	1,005.09	7	737.49	7	469.92	7	203.65	7		7		7		7		7	
1/4	1,267.11	1/4	999.51	1/4	731.91	1/4	464.38	1/4	198.07	1/4		1/4		1/4		1/4		1/4	
1/2	1,261.54	1/2	993.94	1/2	726.34	1/2	458.84	1/2	192.50	1/2		1/2		1/2		1/2		1/2	
3/4	1,255.96	3/4	988.36	3/4	720.76	3/4	453.30	3/4	186.92	3/4		3/4		3/4		3/4		3/4	
8	1,250.39	8	982.79	8	715.19	8	447.76	8	181.35	8		8		8		8		8	
1/4	1,244.81	1/4	977.21	1/4	709.61	1/4	442.22	1/4	175.77	1/4		1/4		1/4		1/4		1/4	
1/2	1,239.24	1/2	971.64	1/2	704.04	1/2	436.67	1/2	170.20	1/2		1/2		1/2		1/2		1/2	
3/4	1,233.66	3/4	966.06	3/4	698.46	3/4	431.13	3/4	164.62	3/4		3/4		3/4		3/4		3/4	
9	1,228.09	9	960.49	9	692.89	9	425.59	9	159.05	9		9		9		9		9	
1/4	1,222.51	1/4	954.91	1/4	687.31	1/4	420.05	1/4	153.47	1/4		1/4		1/4		1/4		1/4	
1/2	1,216.94	1/2	949.34	1/2	681.74	1/2	414.51	1/2	147.90	1/2		1/2		1/2		1/2		1/2	
3/4	1,211.36	3/4	943.76	3/4	676.16	3/4	408.97	3/4	142.32	3/4		3/4		3/4		3/4		3/4	
10	1,205.79	10	938.19	10	670.59	10	403.43	10	136.75	10		10		10		10		10	
1/4	1,200.21	1/4	932.61	1/4	665.01	1/4	397.89	1/4	131.17	1/4		1/4		1/4		1/4		1/4	
1/2	1,194.64	1/2	927.04	1/2	659.44	1/2	392.34	1/2	125.60	1/2		1/2		1/2		1/2		1/2	
3/4	1,189.06	3/4	921.46	3/4	653.86	3/4	386.80	3/4	120.02	3/4		3/4		3/4		3/4		3/4	
11	1,183.49	11	915.89	11	648.29	11	381.26	11	114.45	11		11		11		11		11	
1/4	1,177.91	1/4	910.31	1/4	642.71	1/4	375.72	1/4	108.87	1/4		1/4		1/4		1/4		1/4	
1/2	1,172.34	1/2	904.74	1/2	637.14	1/2	370.18	1/2	103.30	1/2		1/2		1/2		1/2		1/2	
3/4	1,166.76	3/4	899.16	3/4	631.56	3/4	364.64	3/4	97.72	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/01/1999 INSP.  
RECALCULATED: 05/19/2020 PMA  
REPRINTED: 05/19/2020 PMA

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2020

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



# BARGE "SMS 216"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-06 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0		0		0		0		0		0		0	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1		1		1		1		1		1		1		1		1		1	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2		2		2		2		2		2		2		2		2		2	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3		3		3		3		3		3		3		3		3		3	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4		4		4		4		4		4		4		4		4		4	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5		5		5		5		5		5		5		5		5		5	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6		6		6		6		6		6		6		6		6		6	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7		7		7		7		7		7		7		7		7		7	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8		8		8		8		8		8		8		8		8		8	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9		9		9		9		9		9		9		9		9		9	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10		10		10		10		10		10		10		10		10		10	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11		11		11		11		11		11		11		11		11		11	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11		11		11		11		11		11		11		11		11		11	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

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 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 28'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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





# BARGE "SMS 216"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 15'-06 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	1,445.46	0	1,176.85	0	908.24	0	639.63	0	371.66	0	103.73	0		0		0		0	
1/4	1,439.86	1/4	1,171.25	1/4	902.64	1/4	634.03	1/4	366.10	1/4	98.13	1/4		1/4		1/4		1/4	
1/2	1,434.26	1/2	1,165.65	1/2	897.05	1/2	628.44	1/2	360.54	1/2	92.53	1/2		1/2		1/2		1/2	
3/4	1,428.67	3/4	1,160.06	3/4	891.45	3/4	622.84	3/4	354.98	3/4	86.94	3/4		3/4		3/4		3/4	
1	1,423.07	1	1,154.46	1	885.86	1	617.25	1	349.42	1	81.34	1		1		1		1	
1/4	1,417.47	1/4	1,148.86	1/4	880.26	1/4	611.65	1/4	343.86	1/4	75.74	1/4		1/4		1/4		1/4	
1/2	1,411.88	1/2	1,143.27	1/2	874.66	1/2	606.05	1/2	338.30	1/2	70.14	1/2		1/2		1/2		1/2	
3/4	1,406.28	3/4	1,137.67	3/4	869.07	3/4	600.46	3/4	332.74	3/4	64.54	3/4		3/4		3/4		3/4	
2	1,400.69	2	1,132.08	2	863.47	2	594.86	2	327.17	2	58.94	2		2		2		2	
1/4	1,395.09	1/4	1,126.48	1/4	857.87	1/4	589.26	1/4	321.61	1/4	53.34	1/4		1/4		1/4		1/4	
1/2	1,389.49	1/2	1,120.89	1/2	852.28	1/2	583.67	1/2	316.05	1/2	47.80	1/2		1/2		1/2		1/2	
3/4	1,383.90	3/4	1,115.29	3/4	846.68	3/4	578.07	3/4	310.49	3/4	42.26	3/4		3/4		3/4		3/4	
3	1,378.30	3	1,109.70	3	841.09	3	572.48	3	304.92	3	36.71	3		3		3		3	
1/4	1,372.70	1/4	1,104.10	1/4	835.49	1/4	566.88	1/4	299.36	1/4	31.17	1/4		1/4		1/4		1/4	
1/2	1,367.11	1/2	1,098.50	1/2	829.89	1/2	561.29	1/2	293.80	1/2	26.86	1/2		1/2		1/2		1/2	
3/4	1,361.51	3/4	1,092.91	3/4	824.30	3/4	555.69	3/4	288.24	3/4	22.56	3/4		3/4		3/4		3/4	
4	1,355.92	4	1,087.31	4	818.70	4	550.10	4	282.67	4	18.25	4		4		4		4	
1/4	1,350.32	1/4	1,081.71	1/4	813.10	1/4	544.50	1/4	277.11	1/4	13.94	1/4		1/4		1/4		1/4	
1/2	1,344.73	1/2	1,076.12	1/2	807.51	1/2	538.90	1/2	271.55	1/2	11.36	1/2		1/2		1/2		1/2	
3/4	1,339.13	3/4	1,070.52	3/4	801.91	3/4	533.31	3/4	265.99	3/4	8.78	3/4		3/4		3/4		3/4	
5	1,333.54	5	1,064.93	5	796.32	5	527.71	5	260.42	5	6.19	5		5		5		5	
1/4	1,327.94	1/4	1,059.33	1/4	790.72	1/4	522.11	1/4	254.86	1/4	3.61	1/4		1/4		1/4		1/4	
1/2	1,322.34	1/2	1,053.73	1/2	785.13	1/2	516.52	1/2	249.27	1/2	2.75	1/2		1/2		1/2		1/2	
3/4	1,316.75	3/4	1,048.14	3/4	779.53	3/4	510.92	3/4	243.67	3/4	1.89	3/4		3/4		3/4		3/4	
6	1,311.15	6	1,042.54	6	773.94	6	505.33	6	238.08	6	1.02	6		6		6		6	
1/4	1,305.55	1/4	1,036.94	1/4	768.34	1/4	499.73	1/4	232.48	1/4	0.16	1/4		1/4		1/4		1/4	
1/2	1,299.96	1/2	1,031.35	1/2	762.74	1/2	494.13	1/2	226.88	1/2		1/2		1/2		1/2		1/2	
3/4	1,294.36	3/4	1,025.75	3/4	757.15	3/4	488.54	3/4	221.29	3/4		3/4		3/4		3/4		3/4	
7	1,288.77	7	1,020.16	7	751.55	7	482.94	7	215.69	7		7		7		7		7	
1/4	1,283.17	1/4	1,014.56	1/4	745.95	1/4	477.34	1/4	210.09	1/4		1/4		1/4		1/4		1/4	
1/2	1,277.57	1/2	1,008.97	1/2	740.36	1/2	471.78	1/2	204.49	1/2		1/2		1/2		1/2		1/2	
3/4	1,271.98	3/4	1,003.37	3/4	734.76	3/4	466.22	3/4	198.90	3/4		3/4		3/4		3/4		3/4	
8	1,266.38	8	997.78	8	729.17	8	460.66	8	193.30	8		8		8		8		8	
1/4	1,260.78	1/4	992.18	1/4	723.57	1/4	455.10	1/4	187.70	1/4		1/4		1/4		1/4		1/4	
1/2	1,255.19	1/2	986.58	1/2	717.97	1/2	449.54	1/2	182.10	1/2		1/2		1/2		1/2		1/2	
3/4	1,249.59	3/4	980.99	3/4	712.38	3/4	443.98	3/4	176.50	3/4		3/4		3/4		3/4		3/4	
9	1,244.00	9	975.39	9	706.78	9	438.41	9	170.90	9		9		9		9		9	
1/4	1,238.40	1/4	969.79	1/4	701.18	1/4	432.85	1/4	165.30	1/4		1/4		1/4		1/4		1/4	
1/2	1,232.81	1/2	964.20	1/2	695.59	1/2	427.29	1/2	159.70	1/2		1/2		1/2		1/2		1/2	
3/4	1,227.21	3/4	958.60	3/4	689.99	3/4	421.73	3/4	154.11	3/4		3/4		3/4		3/4		3/4	
10	1,221.62	10	953.01	10	684.40	10	416.16	10	148.51	10		10		10		10		10	
1/4	1,216.02	1/4	947.41	1/4	678.80	1/4	410.60	1/4	142.91	1/4		1/4		1/4		1/4		1/4	
1/2	1,210.42	1/2	941.81	1/2	673.21	1/2	405.04	1/2	137.31	1/2		1/2		1/2		1/2		1/2	
3/4	1,204.83	3/4	936.22	3/4	667.61	3/4	399.48	3/4	131.72	3/4		3/4		3/4		3/4		3/4	
11	1,199.23	11	930.62	11	662.02	11	393.91	11	126.12	11		11		11		11		11	
1/4	1,193.63	1/4	925.02	1/4	656.42	1/4	388.35	1/4	120.52	1/4		1/4		1/4		1/4		1/4	
1/2	1,188.04	1/2	919.43	1/2	650.82	1/2	382.79	1/2	114.92	1/2		1/2		1/2		1/2		1/2	
3/4	1,182.44	3/4	913.83	3/4	645.23	3/4	377.23	3/4	109.33	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CANCELS AND SUPERCEDES  
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