



# BARGE "HTCO 3142"

## ULLAGE TRIM TABLE (HERMETIC)

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

(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 - 00-3/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 5/8"

LENGTH BETWEEN DRAFT MARKS: 237'-09"

February 5, 2020

PRECISION MEASUREMENT  
 & ANALYSIS, INC.

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>





# BARGE "HTCO 3142"

## 1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,396.55	0	2,038.51	0	1,680.47	0	1,322.44	0	965.24	0	608.58	0	267.59	0		0		0	
1/4	2,389.09	1/4	2,031.05	1/4	1,673.02	1/4	1,314.98	1/4	957.83	1/4	601.12	1/4	260.93	1/4		1/4		1/4	
1/2	2,381.63	1/2	2,023.59	1/2	1,665.56	1/2	1,307.52	1/2	950.42	1/2	593.66	1/2	254.35	1/2		1/2		1/2	
3/4	2,374.17	3/4	2,016.13	3/4	1,658.10	3/4	1,300.06	3/4	943.02	3/4	586.20	3/4	247.77	3/4		3/4		3/4	
1	2,366.71	1	2,008.67	1	1,650.64	1	1,292.60	1	935.61	1	578.75	1	241.19	1		1		1	
1/4	2,359.25	1/4	2,001.22	1/4	1,643.18	1/4	1,285.14	1/4	928.20	1/4	571.29	1/4	234.61	1/4		1/4		1/4	
1/2	2,351.79	1/2	1,993.76	1/2	1,635.72	1/2	1,277.68	1/2	920.79	1/2	563.85	1/2	228.12	1/2		1/2		1/2	
3/4	2,344.33	3/4	1,986.30	3/4	1,628.26	3/4	1,270.22	3/4	913.38	3/4	556.41	3/4	221.62	3/4		3/4		3/4	
2	2,336.87	2	1,978.84	2	1,620.80	2	1,262.76	2	905.97	2	548.98	2	215.12	2		2		2	
1/4	2,329.42	1/4	1,971.38	1/4	1,613.34	1/4	1,255.31	1/4	898.57	1/4	541.54	1/4	208.62	1/4		1/4		1/4	
1/2	2,321.96	1/2	1,963.92	1/2	1,605.88	1/2	1,247.85	1/2	891.16	1/2	534.16	1/2	202.21	1/2		1/2		1/2	
3/4	2,314.50	3/4	1,956.46	3/4	1,598.42	3/4	1,240.39	3/4	883.75	3/4	526.79	3/4	195.79	3/4		3/4		3/4	
3	2,307.04	3	1,949.00	3	1,590.96	3	1,232.93	3	876.34	3	519.42	3	189.38	3		3		3	
1/4	2,299.58	1/4	1,941.54	1/4	1,583.51	1/4	1,225.47	1/4	868.93	1/4	512.04	1/4	182.96	1/4		1/4		1/4	
1/2	2,292.12	1/2	1,934.08	1/2	1,576.05	1/2	1,218.01	1/2	861.53	1/2	504.75	1/2	176.62	1/2		1/2		1/2	
3/4	2,284.66	3/4	1,926.62	3/4	1,568.59	3/4	1,210.55	3/4	854.12	3/4	497.45	3/4	170.28	3/4		3/4		3/4	
4	2,277.20	4	1,919.17	4	1,561.13	4	1,203.09	4	846.71	4	490.16	4	163.94	4		4		4	
1/4	2,269.74	1/4	1,911.71	1/4	1,553.67	1/4	1,195.63	1/4	839.30	1/4	482.86	1/4	157.59	1/4		1/4		1/4	
1/2	2,262.28	1/2	1,904.25	1/2	1,546.21	1/2	1,188.17	1/2	831.89	1/2	475.65	1/2	151.33	1/2		1/2		1/2	
3/4	2,254.82	3/4	1,896.79	3/4	1,538.75	3/4	1,180.71	3/4	824.48	3/4	468.44	3/4	145.06	3/4		3/4		3/4	
5	2,247.37	5	1,889.33	5	1,531.29	5	1,173.26	5	817.08	5	461.22	5	138.79	5		5		5	
1/4	2,239.91	1/4	1,881.87	1/4	1,523.83	1/4	1,165.80	1/4	809.67	1/4	454.01	1/4	132.52	1/4		1/4		1/4	
1/2	2,232.45	1/2	1,874.41	1/2	1,516.37	1/2	1,158.34	1/2	802.26	1/2	446.88	1/2	126.33	1/2		1/2		1/2	
3/4	2,224.99	3/4	1,866.95	3/4	1,508.91	3/4	1,150.88	3/4	794.85	3/4	439.74	3/4	120.15	3/4		3/4		3/4	
6	2,217.53	6	1,859.49	6	1,501.46	6	1,143.42	6	787.44	6	432.61	6	113.96	6		6		6	
1/4	2,210.07	1/4	1,852.03	1/4	1,494.00	1/4	1,135.96	1/4	780.04	1/4	425.48	1/4	107.77	1/4		1/4		1/4	
1/2	2,202.61	1/2	1,844.57	1/2	1,486.54	1/2	1,128.52	1/2	772.60	1/2	418.43	1/2	101.66	1/2		1/2		1/2	
3/4	2,195.15	3/4	1,837.12	3/4	1,479.08	3/4	1,121.07	3/4	765.17	3/4	411.38	3/4	95.56	3/4		3/4		3/4	
7	2,187.69	7	1,829.66	7	1,471.62	7	1,113.63	7	757.73	7	404.33	7	89.45	7		7		7	
1/4	2,180.23	1/4	1,822.20	1/4	1,464.16	1/4	1,106.18	1/4	750.30	1/4	397.28	1/4	83.34	1/4		1/4		1/4	
1/2	2,172.77	1/2	1,814.74	1/2	1,456.70	1/2	1,098.75	1/2	742.84	1/2	390.31	1/2	77.32	1/2		1/2		1/2	
3/4	2,165.32	3/4	1,807.28	3/4	1,449.24	3/4	1,091.32	3/4	735.38	3/4	383.34	3/4	71.29	3/4		3/4		3/4	
8	2,157.86	8	1,799.82	8	1,441.78	8	1,083.89	8	727.92	8	376.37	8	65.27	8		8		8	
1/4	2,150.40	1/4	1,792.36	1/4	1,434.32	1/4	1,076.46	1/4	720.46	1/4	369.40	1/4	59.24	1/4		1/4		1/4	
1/2	2,142.94	1/2	1,784.90	1/2	1,426.86	1/2	1,069.04	1/2	713.01	1/2	362.50	1/2	53.76	1/2		1/2		1/2	
3/4	2,135.48	3/4	1,777.44	3/4	1,419.41	3/4	1,061.62	3/4	705.55	3/4	355.61	3/4	48.28	3/4		3/4		3/4	
9	2,128.02	9	1,769.98	9	1,411.95	9	1,054.20	9	698.09	9	348.71	9	42.81	9		9		9	
1/4	2,120.56	1/4	1,762.52	1/4	1,404.49	1/4	1,046.77	1/4	690.63	1/4	341.82	1/4	37.33	1/4		1/4		1/4	
1/2	2,113.10	1/2	1,755.07	1/2	1,397.03	1/2	1,039.36	1/2	683.17	1/2	335.00	1/2	33.33	1/2		1/2		1/2	
3/4	2,105.64	3/4	1,747.61	3/4	1,389.57	3/4	1,031.94	3/4	675.71	3/4	328.18	3/4	29.33	3/4		3/4		3/4	
10	2,098.18	10	1,740.15	10	1,382.11	10	1,024.53	10	668.25	10	321.36	10	25.34	10		10		10	
1/4	2,090.72	1/4	1,732.69	1/4	1,374.65	1/4	1,017.11	1/4	660.79	1/4	314.54	1/4	21.34	1/4		1/4		1/4	
1/2	2,083.27	1/2	1,725.23	1/2	1,367.19	1/2	1,009.70	1/2	653.33	1/2	307.79	1/2	18.42	1/2		1/2		1/2	
3/4	2,075.81	3/4	1,717.77	3/4	1,359.73	3/4	1,002.29	3/4	645.88	3/4	301.05	3/4		3/4		3/4		3/4	
11	2,068.35	11	1,710.31	11	1,352.27	11	994.88	11	638.42	11	294.31	11		11		11		11	
1/4	2,060.89	1/4	1,702.85	1/4	1,344.81	1/4	987.46	1/4	630.96	1/4	287.57	1/4		1/4		1/4		1/4	
1/2	2,053.43	1/2	1,695.39	1/2	1,337.36	1/2	980.06	1/2	623.50	1/2	280.91	1/2		1/2		1/2		1/2	
3/4	2,045.97	3/4	1,687.93	3/4	1,329.90	3/4	972.65	3/4	616.04	3/4	274.25	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/09/2015 PMA  
RECALCULATED: 02/05/2020 SW  
REPRINTED: 02/05/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "HTCO 3142"

**1 STBD**  
**ULLAGE TABLE**

**HERMETIC**

**GAUGE HEIGHT 16'-10 1/2"**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	
<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>	<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	
1/2		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	
<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>	<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	
1/2		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	
<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>	<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	
1/2		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	
<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>	<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	
1/2		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	
<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>	<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	
1/2		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	
<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>	<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	
1/2		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	
<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>	<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	
1/2		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	
<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>	<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	
1/2		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	
<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>	<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	
1/2		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	
<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>	<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	
1/2		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	
<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>	<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	
1/2		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 12'-09" OFF CENTERLINE AND 46'-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 "HTCO 3142"

## 1 STBD

### ULLAGE TABLE HERMETIC

#### GAUGE HEIGHT 16'-10 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,398.25	0	2,040.22	0	1,682.19	0	1,324.16	0	966.25	0	608.59	0	267.65	0		0		0	
1/4	2,390.80	1/4	2,032.76	1/4	1,674.73	1/4	1,316.70	1/4	958.80	1/4	601.13	1/4	260.98	1/4		1/4		1/4	
1/2	2,383.34	1/2	2,025.30	1/2	1,667.27	1/2	1,309.24	1/2	951.36	1/2	593.68	1/2	254.40	1/2		1/2		1/2	
3/4	2,375.88	3/4	2,017.85	3/4	1,659.81	3/4	1,301.78	3/4	943.91	3/4	586.22	3/4	247.82	3/4		3/4		3/4	
1	2,368.42	1	2,010.39	1	1,652.35	1	1,294.32	1	936.47	1	578.76	1	241.24	1		1		1	
1/4	2,360.96	1/4	2,002.93	1/4	1,644.90	1/4	1,286.86	1/4	929.02	1/4	571.30	1/4	234.66	1/4		1/4		1/4	
1/2	2,353.50	1/2	1,995.47	1/2	1,637.44	1/2	1,279.40	1/2	921.58	1/2	563.87	1/2	228.17	1/2		1/2		1/2	
3/4	2,346.04	3/4	1,988.01	3/4	1,629.98	3/4	1,271.95	3/4	914.13	3/4	556.43	3/4	221.67	3/4		3/4		3/4	
2	2,338.58	2	1,980.55	2	1,622.52	2	1,264.49	2	906.69	2	549.00	2	215.17	2		2		2	
1/4	2,331.12	1/4	1,973.09	1/4	1,615.06	1/4	1,257.03	1/4	899.24	1/4	541.57	1/4	208.67	1/4		1/4		1/4	
1/2	2,323.66	1/2	1,965.63	1/2	1,607.60	1/2	1,249.57	1/2	891.80	1/2	534.20	1/2	202.25	1/2		1/2		1/2	
3/4	2,316.21	3/4	1,958.17	3/4	1,600.14	3/4	1,242.11	3/4	884.35	3/4	526.83	3/4	195.84	3/4		3/4		3/4	
3	2,308.75	3	1,950.71	3	1,592.68	3	1,234.65	3	876.91	3	519.47	3	189.42	3		3		3	
1/4	2,301.29	1/4	1,943.26	1/4	1,585.22	1/4	1,227.19	1/4	869.46	1/4	512.10	1/4	183.00	1/4		1/4		1/4	
1/2	2,293.83	1/2	1,935.80	1/2	1,577.76	1/2	1,219.73	1/2	862.02	1/2	504.81	1/2	176.66	1/2		1/2		1/2	
3/4	2,286.37	3/4	1,928.34	3/4	1,570.31	3/4	1,212.27	3/4	854.57	3/4	497.52	3/4	170.32	3/4		3/4		3/4	
4	2,278.91	4	1,920.88	4	1,562.85	4	1,204.81	4	847.13	4	490.23	4	163.97	4		4		4	
1/4	2,271.45	1/4	1,913.42	1/4	1,555.39	1/4	1,197.36	1/4	839.68	1/4	482.94	1/4	157.63	1/4		1/4		1/4	
1/2	2,263.99	1/2	1,905.96	1/2	1,547.93	1/2	1,189.90	1/2	832.24	1/2	475.72	1/2	151.36	1/2		1/2		1/2	
3/4	2,256.53	3/4	1,898.50	3/4	1,540.47	3/4	1,182.44	3/4	824.79	3/4	468.51	3/4	145.09	3/4		3/4		3/4	
5	2,249.07	5	1,891.04	5	1,533.01	5	1,174.98	5	817.34	5	461.29	5	138.82	5		5		5	
1/4	2,241.62	1/4	1,883.58	1/4	1,525.55	1/4	1,167.52	1/4	809.90	1/4	454.08	1/4	132.55	1/4		1/4		1/4	
1/2	2,234.16	1/2	1,876.12	1/2	1,518.09	1/2	1,160.06	1/2	802.45	1/2	446.95	1/2	126.36	1/2		1/2		1/2	
3/4	2,226.70	3/4	1,868.67	3/4	1,510.63	3/4	1,152.60	3/4	795.01	3/4	439.82	3/4	120.18	3/4		3/4		3/4	
6	2,219.24	6	1,861.21	6	1,503.17	6	1,145.14	6	787.56	6	432.68	6	113.99	6		6		6	
1/4	2,211.78	1/4	1,853.75	1/4	1,495.72	1/4	1,137.68	1/4	780.12	1/4	425.55	1/4	107.80	1/4		1/4		1/4	
1/2	2,204.32	1/2	1,846.29	1/2	1,488.26	1/2	1,130.22	1/2	772.67	1/2	418.50	1/2	101.69	1/2		1/2		1/2	
3/4	2,196.86	3/4	1,838.83	3/4	1,480.80	3/4	1,122.77	3/4	765.21	3/4	411.45	3/4	95.58	3/4		3/4		3/4	
7	2,189.40	7	1,831.37	7	1,473.34	7	1,115.31	7	757.76	7	404.40	7	89.47	7		7		7	
1/4	2,181.94	1/4	1,823.91	1/4	1,465.88	1/4	1,107.85	1/4	750.31	1/4	397.34	1/4	83.36	1/4		1/4		1/4	
1/2	2,174.48	1/2	1,816.45	1/2	1,458.42	1/2	1,100.39	1/2	742.85	1/2	390.37	1/2	77.34	1/2		1/2		1/2	
3/4	2,167.03	3/4	1,808.99	3/4	1,450.96	3/4	1,092.93	3/4	735.39	3/4	383.40	3/4	71.31	3/4		3/4		3/4	
8	2,159.57	8	1,801.53	8	1,443.50	8	1,085.47	8	727.93	8	376.44	8	65.28	8		8		8	
1/4	2,152.11	1/4	1,794.08	1/4	1,436.04	1/4	1,078.01	1/4	720.48	1/4	369.47	1/4	59.25	1/4		1/4		1/4	
1/2	2,144.65	1/2	1,786.62	1/2	1,428.58	1/2	1,070.56	1/2	713.02	1/2	362.57	1/2	53.77	1/2		1/2		1/2	
3/4	2,137.19	3/4	1,779.16	3/4	1,421.13	3/4	1,063.10	3/4	705.56	3/4	355.67	3/4	48.30	3/4		3/4		3/4	
9	2,129.73	9	1,771.70	9	1,413.67	9	1,055.64	9	698.10	9	348.78	9	42.82	9		9		9	
1/4	2,122.27	1/4	1,764.24	1/4	1,406.21	1/4	1,048.19	1/4	690.64	1/4	341.88	1/4	37.34	1/4		1/4		1/4	
1/2	2,114.81	1/2	1,756.78	1/2	1,398.75	1/2	1,040.74	1/2	683.18	1/2	335.06	1/2	33.34	1/2		1/2		1/2	
3/4	2,107.35	3/4	1,749.32	3/4	1,391.29	3/4	1,033.28	3/4	675.72	3/4	328.24	3/4	29.34	3/4		3/4		3/4	
10	2,099.89	10	1,741.86	10	1,383.83	10	1,025.83	10	668.26	10	321.42	10	25.34	10		10		10	
1/4	2,092.44	1/4	1,734.40	1/4	1,376.37	1/4	1,018.38	1/4	660.80	1/4	314.60	1/4	21.34	1/4		1/4		1/4	
1/2	2,084.98	1/2	1,726.94	1/2	1,368.91	1/2	1,010.93	1/2	653.35	1/2	307.85	1/2	18.42	1/2		1/2		1/2	
3/4	2,077.52	3/4	1,719.49	3/4	1,361.45	3/4	1,003.48	3/4	645.89	3/4	301.11	3/4		3/4		3/4		3/4	
11	2,070.06	11	1,712.03	11	1,353.99	11	996.03	11	638.43	11	294.37	11		11		11		11	
1/4	2,062.60	1/4	1,704.57	1/4	1,346.54	1/4	988.58	1/4	630.97	1/4	287.63	1/4		1/4		1/4		1/4	
1/2	2,055.14	1/2	1,697.11	1/2	1,339.08	1/2	981.14	1/2	623.51	1/2	280.97	1/2		1/2		1/2		1/2	
3/4	2,047.68	3/4	1,689.65	3/4	1,331.62	3/4	973.69	3/4	616.05	3/4	274.31	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/09/2015 PMA  
RECALCULATED: 02/05/2020 SW  
REPRINTED: 02/05/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2020

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



# BARGE "HTCO 3142"

## 2 PORT ULLAGE TABLE

### HERMETIC

GAUGE HEIGHT 16'-10 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	4,981.45	0	4,624.81	0	4,266.43	0	3,907.37	0	3,548.31	0	3,189.24	0	2,830.11		
1/4		1/4		1/4		1/4	4,974.02	1/4	4,617.35	1/4	4,258.95	1/4	3,899.89	1/4	3,540.83	1/4	3,181.76	1/4	2,822.63		
1/2		1/2		1/2		1/2	4,966.60	1/2	4,609.89	1/2	4,251.47	1/2	3,892.41	1/2	3,533.35	1/2	3,174.28	1/2	2,815.15		
3/4		3/4		3/4		3/4	4,959.18	3/4	4,602.43	3/4	4,243.99	3/4	3,884.93	3/4	3,525.87	3/4	3,166.80	3/4	2,807.66		
1		1		1		1	4,951.76	1	4,594.97	1	4,236.51	1	3,877.45	1	3,518.38	1	3,158.32	1	2,800.18		
1/4		1/4		1/4		1/4	4,944.33	1/4	4,587.51	1/4	4,229.03	1/4	3,869.97	1/4	3,510.90	1/4	3,151.84	1/4	2,792.69		
1/2		1/2		1/2		1/2	4,936.91	1/2	4,580.05	1/2	4,221.55	1/2	3,862.49	1/2	3,503.42	1/2	3,144.36	1/2	2,785.21		
3/4		3/4		3/4		3/4	4,929.49	3/4	4,572.59	3/4	4,214.07	3/4	3,855.01	3/4	3,495.94	3/4	3,136.88	3/4	2,777.72		
2		2		2		2	4,922.06	2	4,565.14	2	4,206.59	2	3,847.53	2	3,488.46	2	3,129.40	2	2,770.24		
1/4		1/4		1/4		1/4	4,914.64	1/4	4,557.68	1/4	4,199.11	1/4	3,840.05	1/4	3,480.98	1/4	3,121.92	1/4	2,762.75		
1/2		1/2		1/2		1/2	4,907.22	1/2	4,550.22	1/2	4,191.63	1/2	3,832.57	1/2	3,473.50	1/2	3,114.44	1/2	2,755.27		
3/4		3/4		3/4		3/4	4,899.80	3/4	4,542.76	3/4	4,184.15	3/4	3,825.09	3/4	3,466.02	3/4	3,106.96	3/4	2,747.78		
3		3		3		3	4,892.38	3	4,535.30	3	4,176.67	3	3,817.60	3	3,458.54	3	3,099.48	3	2,740.30		
1/4		1/4		1/4		1/4	4,884.95	1/4	4,527.84	1/4	4,169.19	1/4	3,810.12	1/4	3,451.06	1/4	3,092.00	1/4	2,732.81		
1/2		1/2		1/2		1/2	4,877.53	1/2	4,520.38	1/2	4,161.71	1/2	3,802.64	1/2	3,443.58	1/2	3,084.52	1/2	2,725.33		
3/4		3/4		3/4		3/4	4,870.11	3/4	4,512.92	3/4	4,154.23	3/4	3,795.16	3/4	3,436.10	3/4	3,077.04	3/4	2,717.85		
4		4		4		4	4,862.70	4	4,505.47	4	4,146.75	4	3,787.68	4	3,428.62	4	3,069.55	4	2,710.36		
1/4		1/4		1/4		1/4	4,855.28	1/4	4,498.01	1/4	4,139.27	1/4	3,780.20	1/4	3,421.14	1/4	3,062.07	1/4	2,702.88		
1/2		1/2		1/2		1/2	4,847.86	1/2	4,490.55	1/2	4,131.79	1/2	3,772.72	1/2	3,413.66	1/2	3,054.59	1/2	2,695.39		
3/4		3/4		3/4		3/4	4,840.44	3/4	4,483.09	3/4	4,124.31	3/4	3,765.24	3/4	3,406.18	3/4	3,047.11	3/4	2,687.91		
5		5		5		5	4,833.02	5	4,475.63	5	4,116.82	5	3,757.76	5	3,398.70	5	3,039.63	5	2,680.42		
1/4		1/4		1/4		1/4	4,825.60	1/4	4,468.17	1/4	4,109.34	1/4	3,750.28	1/4	3,391.22	1/4	3,032.15	1/4	2,672.94		
1/2		1/2		1/2		1/2	4,818.18	1/2	4,460.71	1/2	4,101.86	1/2	3,742.80	1/2	3,383.74	1/2	3,024.67	1/2	2,665.45		
3/4		3/4		3/4		3/4	4,810.76	3/4	4,453.25	3/4	4,094.38	3/4	3,735.32	3/4	3,376.26	3/4	3,017.19	3/4	2,657.97		
6		6		6		6	4,803.34	6	4,445.79	6	4,086.90	6	3,727.84	6	3,368.77	6	3,009.71	6	2,650.48		
1/4		1/4		1/4		1/4	4,795.92	1/4	4,438.34	1/4	4,079.42	1/4	3,720.36	1/4	3,361.29	1/4	3,002.23	1/4	2,643.00		
1/2		1/2		1/2		1/2	4,788.50	1/2	4,430.88	1/2	4,071.94	1/2	3,712.88	1/2	3,353.81	1/2	2,994.75	1/2	2,635.52		
3/4		3/4		3/4		3/4	4,781.08	3/4	4,423.42	3/4	4,064.46	3/4	3,705.40	3/4	3,346.33	3/4	2,987.27	3/4	2,628.03		
7		7		7		7	4,773.67	7	4,415.96	7	4,056.98	7	3,697.92	7	3,338.85	7	2,979.79	7	2,620.55		
1/4		1/4		1/4		1/4	4,766.25	1/4	4,408.50	1/4	4,049.50	1/4	3,690.44	1/4	3,331.37	1/4	2,972.32	1/4	2,613.06		
1/2		1/2		1/2		1/2	4,758.83	1/2	4,401.04	1/2	4,042.02	1/2	3,682.96	1/2	3,323.89	1/2	2,964.84	1/2	2,605.58		
3/4		3/4		3/4		3/4	4,751.41	3/4	4,393.57	3/4	4,034.54	3/4	3,675.48	3/4	3,316.41	3/4	2,957.35	3/4	2,598.09		
8		8		8		8	4,743.99	8	4,386.10	8	4,027.06	8	3,667.99	8	3,308.93	8	2,949.87	8	2,590.61		
1/4		1/4		1/4	5,081.04	1/4	4,736.57	1/4	4,378.63	1/4	4,019.58	1/4	3,660.51	1/4	3,301.45	1/4	2,942.38	1/4	2,583.12		
1/2		1/2		1/2	5,076.29	1/2	4,729.15	1/2	4,371.16	1/2	4,012.10	1/2	3,653.03	1/2	3,293.97	1/2	2,934.90	1/2	2,575.64		
3/4		3/4		3/4	5,070.47	3/4	4,721.71	3/4	4,363.68	3/4	4,004.62	3/4	3,645.55	3/4	3,286.49	3/4	2,927.41	3/4	2,568.15		
9		9		9	5,064.65	9	4,714.27	9	4,356.20	9	3,997.14	9	3,638.07	9	3,279.01	9	2,919.93	9	2,560.67		
1/4		1/4		1/4	5,058.83	1/4	4,706.83	1/4	4,348.72	1/4	3,989.66	1/4	3,630.59	1/4	3,271.53	1/4	2,912.45	1/4	2,553.18		
1/2		1/2		1/2	5,053.01	1/2	4,699.39	1/2	4,341.24	1/2	3,982.18	1/2	3,623.11	1/2	3,264.05	1/2	2,904.96	1/2	2,545.70		
3/4		3/4		3/4	5,046.19	3/4	4,691.94	3/4	4,333.76	3/4	3,974.70	3/4	3,615.63	3/4	3,256.57	3/4	2,897.48	3/4	2,538.22		
10		10		10	5,039.37	10	4,684.48	10	4,326.28	10	3,967.21	10	3,608.15	10	3,249.09	10	2,889.99	10	2,530.73		
1/4		1/4		1/4	5,032.55	1/4	4,677.02	1/4	4,318.80	1/4	3,959.73	1/4	3,600.67	1/4	3,241.61	1/4	2,882.51	1/4	2,523.25		
1/2		1/2		1/2	5,025.72	1/2	4,669.56	1/2	4,311.32	1/2	3,952.25	1/2	3,593.19	1/2	3,234.13	1/2	2,875.02	1/2	2,515.76		
3/4		3/4		3/4	5,018.37	3/4	4,662.10	3/4	4,303.84	3/4	3,944.77	3/4	3,585.71	3/4	3,226.65	3/4	2,867.54	3/4	2,508.28		
11		11		11	5,011.01	11	4,654.64	11	4,296.36	11	3,937.29	11	3,578.23	11	3,219.16	11	2,860.05	11	2,500.79		
1/4		1/4		1/4	5,003.65	1/4	4,647.18	1/4	4,288.88	1/4	3,929.81	1/4	3,570.75	1/4	3,211.68	1/4	2,852.57	1/4	2,493.31		
1/2		1/2		1/2	4,996.29	1/2	4,639.72	1/2	4,281.40	1/2	3,922.33	1/2	3,563.27	1/2	3,204.20	1/2	2,845.08	1/2	2,485.82		
3/4		3/4		3/4	4,988.87	3/4	4,632.26	3/4	4,273.92	3/4	3,914.85	3/4	3,555.79	3/4	3,196.72	3/4	2,837.60	3/4	2,478.34		

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 12'-09" OFF CENTERLINE AND 46'-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 "HTCO 3142"

## 2 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 16'-10 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,470.85	0	2,111.59	0	1,752.33	0	1,393.07	0	1,039.66	0	688.92	0	329.67	0		0		0	
1/4	2,463.37	1/4	2,104.11	1/4	1,744.85	1/4	1,385.59	1/4	1,032.48	1/4	681.44	1/4	322.19	1/4		1/4		1/4	
1/2	2,455.88	1/2	2,096.62	1/2	1,737.36	1/2	1,378.10	1/2	1,025.30	1/2	673.96	1/2	314.70	1/2		1/2		1/2	
3/4	2,448.40	3/4	2,089.14	3/4	1,729.88	3/4	1,370.62	3/4	1,018.12	3/4	666.47	3/4	307.22	3/4		3/4		3/4	
1	2,440.92	1	2,081.65	1	1,722.39	1	1,363.13	1	1,010.94	1	658.99	1	299.74	1		1		1	
1/4	2,433.43	1/4	2,074.17	1/4	1,714.91	1/4	1,355.65	1/4	1,003.76	1/4	651.50	1/4	292.25	1/4		1/4		1/4	
1/2	2,425.95	1/2	2,066.69	1/2	1,707.42	1/2	1,348.16	1/2	996.58	1/2	644.02	1/2	284.77	1/2		1/2		1/2	
3/4	2,418.46	3/4	2,059.20	3/4	1,699.94	3/4	1,340.68	3/4	989.40	3/4	636.53	3/4	277.28	3/4		3/4		3/4	
2	2,410.98	2	2,051.72	2	1,692.46	2	1,333.19	2	982.22	2	629.05	2	269.80	2		2		2	
1/4	2,403.49	1/4	2,044.23	1/4	1,684.97	1/4	1,325.71	1/4	975.04	1/4	621.56	1/4	262.31	1/4		1/4		1/4	
1/2	2,396.01	1/2	2,036.75	1/2	1,677.49	1/2	1,318.23	1/2	967.85	1/2	614.08	1/2	254.83	1/2		1/2		1/2	
3/4	2,388.52	3/4	2,029.26	3/4	1,670.00	3/4	1,310.74	3/4	960.67	3/4	606.60	3/4	247.34	3/4		3/4		3/4	
3	2,381.04	3	2,021.78	3	1,662.52	3	1,303.26	3	953.49	3	599.11	3	239.86	3		3		3	
1/4	2,373.55	1/4	2,014.29	1/4	1,655.03	1/4	1,295.77	1/4	946.31	1/4	591.63	1/4	232.38	1/4		1/4		1/4	
1/2	2,366.07	1/2	2,006.81	1/2	1,647.55	1/2	1,288.29	1/2	939.13	1/2	584.14	1/2	224.89	1/2		1/2		1/2	
3/4	2,358.58	3/4	1,999.32	3/4	1,640.06	3/4	1,280.80	3/4	931.95	3/4	576.66	3/4	217.41	3/4		3/4		3/4	
4	2,351.10	4	1,991.84	4	1,632.58	4	1,273.32	4	924.77	4	569.17	4	209.92	4		4		4	
1/4	2,343.62	1/4	1,984.35	1/4	1,625.09	1/4	1,265.83	1/4	917.59	1/4	561.69	1/4	202.44	1/4		1/4		1/4	
1/2	2,336.13	1/2	1,976.87	1/2	1,617.61	1/2	1,258.35	1/2	910.41	1/2	554.20	1/2	194.95	1/2		1/2		1/2	
3/4	2,328.65	3/4	1,969.39	3/4	1,610.12	3/4	1,250.86	3/4	903.23	3/4	546.72	3/4	187.47	3/4		3/4		3/4	
5	2,321.16	5	1,961.90	5	1,602.64	5	1,243.38	5	896.05	5	539.24	5	179.98	5		5		5	
1/4	2,313.68	1/4	1,954.42	1/4	1,595.16	1/4	1,235.89	1/4	888.87	1/4	531.75	1/4	172.50	1/4		1/4		1/4	
1/2	2,306.19	1/2	1,946.93	1/2	1,587.67	1/2	1,228.41	1/2	881.69	1/2	524.27	1/2	165.02	1/2		1/2		1/2	
3/4	2,298.71	3/4	1,939.45	3/4	1,580.19	3/4	1,220.93	3/4	874.51	3/4	516.78	3/4	157.53	3/4		3/4		3/4	
6	2,291.22	6	1,931.96	6	1,572.70	6	1,213.44	6	867.32	6	509.30	6	150.05	6		6		6	
1/4	2,283.74	1/4	1,924.48	1/4	1,565.22	1/4	1,205.96	1/4	860.14	1/4	501.81	1/4	142.56	1/4		1/4		1/4	
1/2	2,276.25	1/2	1,916.99	1/2	1,557.73	1/2	1,198.47	1/2	852.96	1/2	494.33	1/2	135.08	1/2		1/2		1/2	
3/4	2,268.77	3/4	1,909.51	3/4	1,550.25	3/4	1,191.13	3/4	845.63	3/4	486.85	3/4	127.59	3/4		3/4		3/4	
7	2,261.29	7	1,902.02	7	1,542.76	7	1,183.79	7	838.30	7	479.36	7	120.11	7		7		7	
1/4	2,253.80	1/4	1,894.54	1/4	1,535.28	1/4	1,176.44	1/4	830.97	1/4	471.88	1/4	112.63	1/4		1/4		1/4	
1/2	2,246.32	1/2	1,887.06	1/2	1,527.79	1/2	1,169.10	1/2	823.64	1/2	464.39	1/2	105.14	1/2		1/2		1/2	
3/4	2,238.83	3/4	1,879.57	3/4	1,520.31	3/4	1,161.90	3/4	816.16	3/4	456.91	3/4	97.66	3/4		3/4		3/4	
8	2,231.35	8	1,872.09	8	1,512.83	8	1,154.70	8	808.67	8	449.42	8	90.17	8		8		8	
1/4	2,223.86	1/4	1,864.60	1/4	1,505.34	1/4	1,147.49	1/4	801.19	1/4	441.94	1/4	82.69	1/4		1/4		1/4	
1/2	2,216.38	1/2	1,857.12	1/2	1,497.86	1/2	1,140.29	1/2	793.71	1/2	434.45	1/2	75.20	1/2		1/2		1/2	
3/4	2,208.89	3/4	1,849.63	3/4	1,490.37	3/4	1,133.10	3/4	786.22	3/4	426.97	3/4	68.19	3/4		3/4		3/4	
9	2,201.41	9	1,842.15	9	1,482.89	9	1,125.90	9	778.74	9	419.49	9	61.17	9		9		9	
1/4	2,193.92	1/4	1,834.66	1/4	1,475.40	1/4	1,118.71	1/4	771.25	1/4	412.00	1/4	54.15	1/4		1/4		1/4	
1/2	2,186.44	1/2	1,827.18	1/2	1,467.92	1/2	1,111.51	1/2	763.77	1/2	404.52	1/2	47.14	1/2		1/2		1/2	
3/4	2,178.95	3/4	1,819.69	3/4	1,460.43	3/4	1,104.32	3/4	756.28	3/4	397.03	3/4	41.52	3/4		3/4		3/4	
10	2,171.47	10	1,812.21	10	1,452.95	10	1,097.14	10	748.80	10	389.55	10	35.91	10		10		10	
1/4	2,163.99	1/4	1,804.72	1/4	1,445.46	1/4	1,089.95	1/4	741.31	1/4	382.06	1/4	30.30	1/4		1/4		1/4	
1/2	2,156.50	1/2	1,797.24	1/2	1,437.98	1/2	1,082.76	1/2	733.83	1/2	374.58	1/2	24.68	1/2		1/2		1/2	
3/4	2,149.02	3/4	1,789.76	3/4	1,430.49	3/4	1,075.58	3/4	726.35	3/4	367.09	3/4	20.95	3/4		3/4		3/4	
11	2,141.53	11	1,782.27	11	1,423.01	11	1,068.39	11	718.86	11	359.61	11		11		11		11	
1/4	2,134.05	1/4	1,774.79	1/4	1,415.53	1/4	1,061.21	1/4	711.38	1/4	352.13	1/4		1/4		1/4		1/4	
1/2	2,126.56	1/2	1,767.30	1/2	1,408.04	1/2	1,054.02	1/2	703.89	1/2	344.64	1/2		1/2		1/2		1/2	
3/4	2,119.08	3/4	1,759.82	3/4	1,400.56	3/4	1,046.84	3/4	696.41	3/4	337.16	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/09/2015 PMA  
RECALCULATED: 02/05/2020 SW  
REPRINTED: 02/05/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2020

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







# BARGE "HTCO 3142"

## 2 STBD

### ULLAGE TABLE HERMETIC

#### GAUGE HEIGHT 16'-10 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,477.26	0	2,118.00	0	1,758.74	0	1,399.49	0	1,040.34	0	681.44	0	322.19	0		0		0	
1/4	2,469.77	1/4	2,110.52	1/4	1,751.26	1/4	1,392.00	1/4	1,032.87	1/4	673.95	1/4	314.71	1/4	1/4	1/4		1/4	1/4
1/2	2,462.29	1/2	2,103.03	1/2	1,743.78	1/2	1,384.52	1/2	1,025.40	1/2	666.47	1/2	307.22	1/2	1/2	1/2		1/2	1/2
3/4	2,454.80	3/4	2,095.55	3/4	1,736.29	3/4	1,377.03	3/4	1,017.93	3/4	658.99	3/4	299.74	3/4	3/4	3/4		3/4	3/4
1	2,447.32	1	2,088.06	1	1,728.81	1	1,369.55	1	1,010.45	1	651.50	1	292.26	1	1	1		1	1
1/4	2,439.83	1/4	2,080.58	1/4	1,721.32	1/4	1,362.07	1/4	1,002.98	1/4	644.02	1/4	284.77	1/4	1/4	1/4		1/4	1/4
1/2	2,432.35	1/2	2,073.09	1/2	1,713.84	1/2	1,354.58	1/2	995.51	1/2	636.53	1/2	277.29	1/2	1/2	1/2		1/2	1/2
3/4	2,424.86	3/4	2,065.61	3/4	1,706.35	3/4	1,347.10	3/4	988.04	3/4	629.05	3/4	269.80	3/4	3/4	3/4		3/4	3/4
2	2,417.38	2	2,058.12	2	1,698.87	2	1,339.61	2	980.57	2	621.56	2	262.32	2	2	2		2	2
1/4	2,409.90	1/4	2,050.64	1/4	1,691.38	1/4	1,332.13	1/4	973.10	1/4	614.08	1/4	254.83	1/4	1/4	1/4		1/4	1/4
1/2	2,402.41	1/2	2,043.16	1/2	1,683.90	1/2	1,324.64	1/2	965.62	1/2	606.60	1/2	247.35	1/2	1/2	1/2		1/2	1/2
3/4	2,394.93	3/4	2,035.67	3/4	1,676.41	3/4	1,317.16	3/4	958.15	3/4	599.11	3/4	239.87	3/4	3/4	3/4		3/4	3/4
3	2,387.44	3	2,028.19	3	1,668.93	3	1,309.67	3	950.68	3	591.63	3	232.38	3	3	3		3	3
1/4	2,379.96	1/4	2,020.70	1/4	1,661.45	1/4	1,302.19	1/4	943.21	1/4	584.14	1/4	224.90	1/4	1/4	1/4		1/4	1/4
1/2	2,372.47	1/2	2,013.22	1/2	1,653.96	1/2	1,294.71	1/2	935.74	1/2	576.66	1/2	217.41	1/2	1/2	1/2		1/2	1/2
3/4	2,364.99	3/4	2,005.73	3/4	1,646.48	3/4	1,287.22	3/4	928.27	3/4	569.17	3/4	209.93	3/4	3/4	3/4		3/4	3/4
4	2,357.50	4	1,998.25	4	1,638.99	4	1,279.74	4	920.80	4	561.69	4	202.44	4	4	4		4	4
1/4	2,350.02	1/4	1,990.76	1/4	1,631.51	1/4	1,272.25	1/4	913.32	1/4	554.21	1/4	194.96	1/4	1/4	1/4		1/4	1/4
1/2	2,342.54	1/2	1,983.28	1/2	1,624.02	1/2	1,264.77	1/2	905.85	1/2	546.72	1/2	187.48	1/2	1/2	1/2		1/2	1/2
3/4	2,335.05	3/4	1,975.79	3/4	1,616.54	3/4	1,257.28	3/4	898.38	3/4	539.24	3/4	179.99	3/4	3/4	3/4		3/4	3/4
5	2,327.57	5	1,968.31	5	1,609.05	5	1,249.80	5	890.91	5	531.75	5	172.51	5	5	5		5	5
1/4	2,320.08	1/4	1,960.83	1/4	1,601.57	1/4	1,242.31	1/4	883.44	1/4	524.27	1/4	165.02	1/4	1/4	1/4		1/4	1/4
1/2	2,312.60	1/2	1,953.34	1/2	1,594.09	1/2	1,234.83	1/2	875.97	1/2	516.78	1/2	157.54	1/2	1/2	1/2		1/2	1/2
3/4	2,305.11	3/4	1,945.86	3/4	1,586.60	3/4	1,227.34	3/4	868.50	3/4	509.30	3/4	150.05	3/4	3/4	3/4		3/4	3/4
6	2,297.63	6	1,938.37	6	1,579.12	6	1,219.86	6	861.02	6	501.82	6	142.57	6	6	6		6	6
1/4	2,290.14	1/4	1,930.89	1/4	1,571.63	1/4	1,212.38	1/4	853.55	1/4	494.33	1/4	135.09	1/4	1/4	1/4		1/4	1/4
1/2	2,282.66	1/2	1,923.40	1/2	1,564.15	1/2	1,204.89	1/2	846.07	1/2	486.85	1/2	127.60	1/2	1/2	1/2		1/2	1/2
3/4	2,275.17	3/4	1,915.92	3/4	1,556.66	3/4	1,197.41	3/4	838.60	3/4	479.36	3/4	120.12	3/4	3/4	3/4		3/4	3/4
7	2,267.69	7	1,908.43	7	1,549.18	7	1,189.92	7	831.12	7	471.88	7	112.63	7	7	7		7	7
1/4	2,260.21	1/4	1,900.95	1/4	1,541.69	1/4	1,182.44	1/4	823.64	1/4	464.39	1/4	105.15	1/4	1/4	1/4		1/4	1/4
1/2	2,252.72	1/2	1,893.47	1/2	1,534.21	1/2	1,174.95	1/2	816.16	1/2	456.91	1/2	97.66	1/2	1/2	1/2		1/2	1/2
3/4	2,245.24	3/4	1,885.98	3/4	1,526.72	3/4	1,167.47	3/4	808.67	3/4	449.43	3/4	90.18	3/4	3/4	3/4		3/4	3/4
8	2,237.75	8	1,878.50	8	1,519.24	8	1,159.98	8	801.19	8	441.94	8	82.70	8	8	8		8	8
1/4	2,230.27	1/4	1,871.01	1/4	1,511.76	1/4	1,152.50	1/4	793.70	1/4	434.46	1/4	75.21	1/4	1/4	1/4		1/4	1/4
1/2	2,222.78	1/2	1,863.53	1/2	1,504.27	1/2	1,145.02	1/2	786.22	1/2	426.97	1/2	68.19	1/2	1/2	1/2		1/2	1/2
3/4	2,215.30	3/4	1,856.04	3/4	1,496.79	3/4	1,137.54	3/4	778.73	3/4	419.49	3/4	61.18	3/4	3/4	3/4		3/4	3/4
9	2,207.81	9	1,848.56	9	1,489.30	9	1,130.05	9	771.25	9	412.00	9	54.16	9	9	9		9	9
1/4	2,200.33	1/4	1,841.07	1/4	1,481.82	1/4	1,122.57	1/4	763.77	1/4	404.52	1/4	47.14	1/4	1/4	1/4		1/4	1/4
1/2	2,192.85	1/2	1,833.59	1/2	1,474.33	1/2	1,115.09	1/2	756.28	1/2	397.04	1/2	41.53	1/2	1/2	1/2		1/2	1/2
3/4	2,185.36	3/4	1,826.10	3/4	1,466.85	3/4	1,107.61	3/4	748.80	3/4	389.55	3/4	35.92	3/4	3/4	3/4		3/4	3/4
10	2,177.88	10	1,818.62	10	1,459.36	10	1,100.14	10	741.31	10	382.07	10	30.31	10	10	10		10	10
1/4	2,170.39	1/4	1,811.14	1/4	1,451.88	1/4	1,092.66	1/4	733.83	1/4	374.58	1/4	24.69	1/4	1/4	1/4		1/4	1/4
1/2	2,162.91	1/2	1,803.65	1/2	1,444.40	1/2	1,085.18	1/2	726.34	1/2	367.10	1/2	20.95	1/2	1/2	1/2		1/2	1/2
3/4	2,155.42	3/4	1,796.17	3/4	1,436.91	3/4	1,077.71	3/4	718.86	3/4	359.61	3/4		3/4	3/4	3/4		3/4	3/4
11	2,147.94	11	1,788.68	11	1,429.43	11	1,070.23	11	711.38	11	352.13	11		11	11	11		11	11
1/4	2,140.45	1/4	1,781.20	1/4	1,421.94	1/4	1,062.75	1/4	703.89	1/4	344.65	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,132.97	1/2	1,773.71	1/2	1,414.46	1/2	1,055.28	1/2	696.41	1/2	337.16	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,125.48	3/4	1,766.23	3/4	1,406.97	3/4	1,047.81	3/4	688.92	3/4	329.68	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/09/2015 PMA  
RECALCULATED: 02/05/2020 SW  
REPRINTED: 02/05/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2020

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



# BARGE "HTCO 3142"

## 3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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		0	4,516.35	0	4,270.93	0	4,024.35	0	3,777.32	0	3,514.36	0	3,158.79	0	2,802.48		
1/4		1/4		1/4		1/4	4,511.24	1/4	4,265.80	1/4	4,019.20	1/4	3,772.17	1/4	3,506.95	1/4	3,151.37	1/4	2,795.05		
1/2		1/2		1/2		1/2	4,506.13	1/2	4,260.67	1/2	4,014.06	1/2	3,767.03	1/2	3,499.54	1/2	3,143.95	1/2	2,787.63		
3/4		3/4		3/4		3/4	4,501.02	3/4	4,255.54	3/4	4,008.91	3/4	3,761.88	3/4	3,492.13	3/4	3,136.53	3/4	2,780.20		
1		1		1		1	4,495.92	1	4,250.41	1	4,003.76	1	3,756.73	1	3,484.73	1	3,129.10	1	2,772.78		
1/4		1/4		1/4		1/4	4,490.81	1/4	4,245.27	1/4	3,998.62	1/4	3,751.59	1/4	3,477.32	1/4	3,121.68	1/4	2,765.35		
1/2		1/2		1/2		1/2	4,485.70	1/2	4,240.14	1/2	3,993.47	1/2	3,746.44	1/2	3,469.92	1/2	3,114.26	1/2	2,757.93		
3/4		3/4		3/4		3/4	4,480.59	3/4	4,235.01	3/4	3,988.32	3/4	3,741.29	3/4	3,462.52	3/4	3,106.84	3/4	2,750.50		
2		2		2		2	4,475.49	2	4,229.88	2	3,983.18	2	3,736.15	2	3,455.12	2	3,099.41	2	2,743.08		
1/4		1/4		1/4		1/4	4,470.38	1/4	4,224.75	1/4	3,978.03	1/4	3,731.00	1/4	3,447.71	1/4	3,091.99	1/4	2,735.65		
1/2		1/2		1/2		1/2	4,465.27	1/2	4,219.61	1/2	3,972.89	1/2	3,725.85	1/2	3,440.31	1/2	3,084.57	1/2	2,728.23		
3/4		3/4		3/4		3/4	4,460.17	3/4	4,214.48	3/4	3,967.74	3/4	3,720.71	3/4	3,432.91	3/4	3,077.15	3/4	2,720.80		
3		3		3		3	4,455.06	3	4,209.35	3	3,962.59	3	3,715.56	3	3,425.51	3	3,069.73	3	2,713.38		
1/4		1/4		1/4		1/4	4,449.96	1/4	4,204.22	1/4	3,957.45	1/4	3,710.41	1/4	3,418.11	1/4	3,062.30	1/4	2,705.95		
1/2		1/2		1/2		1/2	4,444.85	1/2	4,199.09	1/2	3,952.30	1/2	3,705.27	1/2	3,410.71	1/2	3,054.88	1/2	2,698.53		
3/4		3/4		3/4		3/4	4,439.75	3/4	4,193.95	3/4	3,947.15	3/4	3,700.12	3/4	3,403.31	3/4	3,047.46	3/4	2,691.10		
4		4		4		4	4,434.64	4	4,188.82	4	3,942.01	4	3,694.97	4	3,395.90	4	3,040.04	4	2,683.68		
1/4		1/4		1/4		1/4	4,429.54	1/4	4,183.69	1/4	3,936.86	1/4	3,689.83	1/4	3,388.50	1/4	3,032.62	1/4	2,676.25		
1/2		1/2		1/2		1/2	4,424.43	1/2	4,178.56	1/2	3,931.71	1/2	3,684.68	1/2	3,381.10	1/2	3,025.19	1/2	2,668.83		
3/4		3/4		3/4		3/4	4,419.33	3/4	4,173.43	3/4	3,926.57	3/4	3,679.53	3/4	3,373.70	3/4	3,017.77	3/4	2,661.41		
5		5		5		5	4,414.22	5	4,168.29	5	3,921.42	5	3,674.39	5	3,366.30	5	3,010.35	5	2,653.98		
1/4		1/4		1/4		1/4	4,409.12	1/4	4,163.16	1/4	3,916.27	1/4	3,669.24	1/4	3,358.90	1/4	3,002.93	1/4	2,646.56		
1/2		1/2		1/2		1/2	4,404.01	1/2	4,158.03	1/2	3,911.13	1/2	3,664.10	1/2	3,351.50	1/2	2,995.51	1/2	2,639.13		
3/4		3/4		3/4		3/4	4,398.91	3/4	4,152.90	3/4	3,905.98	3/4	3,658.95	3/4	3,344.10	3/4	2,988.08	3/4	2,631.71		
6		6		6		6	4,393.80	6	4,147.77	6	3,900.83	6	3,653.80	6	3,336.69	6	2,980.66	6	2,624.28		
1/4		1/4		1/4		1/4	4,388.70	1/4	4,142.63	1/4	3,895.69	1/4	3,648.66	1/4	3,329.29	1/4	2,973.24	1/4	2,616.86		
1/2		1/2		1/2		1/2	4,383.60	1/2	4,137.50	1/2	3,890.54	1/2	3,643.51	1/2	3,321.89	1/2	2,965.82	1/2	2,609.43		
3/4		3/4		3/4		3/4	4,378.49	3/4	4,132.37	3/4	3,885.39	3/4	3,638.36	3/4	3,314.49	3/4	2,958.39	3/4	2,602.00		
7		7		7		7	4,373.39	7	4,127.24	7	3,880.25	7	3,633.22	7	3,307.09	7	2,950.97	7	2,594.57		
1/4		1/4		1/4		1/4	4,368.28	1/4	4,122.11	1/4	3,875.10	1/4	3,628.07	1/4	3,299.69	1/4	2,943.55	1/4	2,587.14		
1/2		1/2		1/2		1/2	4,363.18	1/2	4,116.97	1/2	3,869.96	1/2	3,622.92	1/2	3,292.29	1/2	2,936.12	1/2	2,579.71		
3/4		3/4		3/4		3/4	4,358.07	3/4	4,111.83	3/4	3,864.81	3/4	3,617.78	3/4	3,284.88	3/4	2,928.70	3/4	2,572.28		
8		8		8		8	4,586.36	8	4,352.97	8	4,106.69	8	3,859.66	8	3,612.63	8	3,277.48	8	2,921.27	8	2,564.85
1/4		1/4		1/4		1/4	4,583.91	1/4	4,347.86	1/4	4,101.55	1/4	3,854.52	1/4	3,607.48	1/4	3,270.08	1/4	2,913.85	1/4	2,557.41
1/2		1/2		1/2		1/2	4,580.40	1/2	4,342.74	1/2	4,096.40	1/2	3,849.37	1/2	3,602.34	1/2	3,262.67	1/2	2,906.42	1/2	2,549.98
3/4		3/4		3/4		3/4	4,576.89	3/4	4,337.62	3/4	4,091.25	3/4	3,844.22	3/4	3,597.19	3/4	3,255.26	3/4	2,899.00	3/4	2,542.55
9		9		9		9	4,573.38	9	4,332.51	9	4,086.11	9	3,839.08	9	3,592.04	9	3,247.85	9	2,891.57	9	2,535.12
1/4		1/4		1/4		1/4	4,569.87	1/4	4,327.39	1/4	4,080.96	1/4	3,833.93	1/4	3,586.90	1/4	3,240.43	1/4	2,884.15	1/4	2,527.69
1/2		1/2		1/2		1/2	4,565.36	1/2	4,322.25	1/2	4,075.82	1/2	3,828.78	1/2	3,581.18	1/2	3,233.01	1/2	2,876.72	1/2	2,520.25
3/4		3/4		3/4		3/4	4,560.85	3/4	4,317.12	3/4	4,070.67	3/4	3,823.64	3/4	3,575.46	3/4	3,225.59	3/4	2,869.30	3/4	2,512.82
10		10		10		10	4,556.34	10	4,311.99	10	4,065.52	10	3,818.49	10	3,569.74	10	3,218.17	10	2,861.87	10	2,505.39
1/4		1/4		1/4		1/4	4,551.83	1/4	4,306.86	1/4	4,060.38	1/4	3,813.34	1/4	3,564.01	1/4	3,210.75	1/4	2,854.45	1/4	2,497.96
1/2		1/2		1/2		1/2	4,546.79	1/2	4,301.73	1/2	4,055.23	1/2	3,808.20	1/2	3,557.16	1/2	3,203.32	1/2	2,847.03	1/2	2,490.55
3/4		3/4		3/4		3/4	4,541.75	3/4	4,296.59	3/4	4,050.08	3/4	3,803.05	3/4	3,550.31	3/4	3,195.90	3/4	2,839.60	3/4	2,483.13
11		11		11		11	4,536.71	11	4,291.46	11	4,044.94	11	3,797.90	11	3,543.45	11	3,188.48	11	2,832.18	11	2,475.72
1/4		1/4		1/4		1/4	4,531.67	1/4	4,286.33	1/4	4,039.79	1/4	3,792.76	1/4	3,536.60	1/4	3,181.06	1/4	2,824.75	1/4	2,468.31
1/2		1/2		1/2		1/2	4,526.56	1/2	4,281.20	1/2	4,034.64	1/2	3,787.61	1/2	3,529.19	1/2	3,173.64	1/2	2,817.33	1/2	2,460.91
3/4		3/4		3/4		3/4	4,521.45	3/4	4,276.07	3/4	4,029.50	3/4	3,782.46	3/4	3,521.77	3/4	3,166.21	3/4	2,809.90	3/4	2,453.52

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 12'-09" OFF CENTERLINE AND 45'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "HTCO 3142"

## 3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,446.13	0	2,091.74	0	1,736.70	0	1,379.96	0	1,027.83	0	677.20	0	320.29	0		0		0	
1/4	2,438.73	1/4	2,084.37	1/4	1,729.27	1/4	1,372.53	1/4	1,020.62	1/4	669.76	1/4	312.85	1/4		1/4		1/4	
1/2	2,431.34	1/2	2,077.01	1/2	1,721.84	1/2	1,365.10	1/2	1,013.42	1/2	662.33	1/2	305.42	1/2		1/2		1/2	
3/4	2,423.94	3/4	2,069.64	3/4	1,714.40	3/4	1,357.66	3/4	1,006.22	3/4	654.89	3/4	297.98	3/4		3/4		3/4	
1	2,416.55	1	2,062.27	1	1,706.97	1	1,350.23	1	999.02	1	647.45	1	290.55	1		1		1	
1/4	2,409.16	1/4	2,054.90	1/4	1,699.54	1/4	1,342.80	1/4	991.81	1/4	640.02	1/4	283.11	1/4		1/4		1/4	
1/2	2,401.76	1/2	2,047.53	1/2	1,692.11	1/2	1,335.37	1/2	984.61	1/2	632.58	1/2	275.68	1/2		1/2		1/2	
3/4	2,394.37	3/4	2,040.16	3/4	1,684.68	3/4	1,327.93	3/4	977.41	3/4	625.15	3/4	268.24	3/4		3/4		3/4	
2	2,386.98	2	2,032.79	2	1,677.24	2	1,320.50	2	970.21	2	617.71	2	260.81	2		2		2	
1/4	2,379.58	1/4	2,025.42	1/4	1,669.81	1/4	1,313.07	1/4	963.00	1/4	610.27	1/4	253.37	1/4		1/4		1/4	
1/2	2,372.19	1/2	2,018.05	1/2	1,662.38	1/2	1,305.64	1/2	955.80	1/2	602.84	1/2	245.93	1/2		1/2		1/2	
3/4	2,364.80	3/4	2,010.68	3/4	1,654.95	3/4	1,298.21	3/4	948.60	3/4	595.40	3/4	238.50	3/4		3/4		3/4	
3	2,357.40	3	2,003.31	3	1,647.51	3	1,290.77	3	941.40	3	587.96	3	231.06	3		3		3	
1/4	2,350.01	1/4	1,995.94	1/4	1,640.08	1/4	1,283.34	1/4	934.19	1/4	580.53	1/4	223.63	1/4		1/4		1/4	
1/2	2,342.62	1/2	1,988.57	1/2	1,632.65	1/2	1,275.91	1/2	926.99	1/2	573.09	1/2	216.19	1/2		1/2		1/2	
3/4	2,335.22	3/4	1,981.21	3/4	1,625.22	3/4	1,268.48	3/4	919.79	3/4	565.65	3/4	208.76	3/4		3/4		3/4	
4	2,327.83	4	1,973.84	4	1,617.79	4	1,261.05	4	912.59	4	558.22	4	201.32	4		4		4	
1/4	2,320.43	1/4	1,966.47	1/4	1,610.35	1/4	1,253.61	1/4	905.38	1/4	550.78	1/4	193.88	1/4		1/4		1/4	
1/2	2,313.04	1/2	1,959.10	1/2	1,602.92	1/2	1,246.18	1/2	898.18	1/2	543.35	1/2	186.45	1/2		1/2		1/2	
3/4	2,305.65	3/4	1,951.73	3/4	1,595.49	3/4	1,238.75	3/4	890.98	3/4	535.91	3/4	179.01	3/4		3/4		3/4	
5	2,298.25	5	1,944.36	5	1,588.06	5	1,231.32	5	883.78	5	528.47	5	171.57	5		5		5	
1/4	2,290.86	1/4	1,936.99	1/4	1,580.63	1/4	1,223.89	1/4	876.58	1/4	521.04	1/4	164.14	1/4		1/4		1/4	
1/2	2,283.47	1/2	1,929.62	1/2	1,573.19	1/2	1,216.45	1/2	869.37	1/2	513.60	1/2	156.70	1/2		1/2		1/2	
3/4	2,276.07	3/4	1,922.25	3/4	1,565.76	3/4	1,209.02	3/4	862.17	3/4	506.16	3/4	149.26	3/4		3/4		3/4	
6	2,268.68	6	1,914.88	6	1,558.33	6	1,201.59	6	854.97	6	498.73	6	141.82	6		6		6	
1/4	2,261.29	1/4	1,907.51	1/4	1,550.90	1/4	1,194.16	1/4	847.77	1/4	491.29	1/4	134.39	1/4		1/4		1/4	
1/2	2,253.90	1/2	1,900.11	1/2	1,543.47	1/2	1,186.83	1/2	840.45	1/2	483.86	1/2	126.95	1/2		1/2		1/2	
3/4	2,246.52	3/4	1,892.71	3/4	1,536.03	3/4	1,179.50	3/4	833.13	3/4	476.42	3/4	119.50	3/4		3/4		3/4	
7	2,239.14	7	1,885.31	7	1,528.60	7	1,172.18	7	825.81	7	468.99	7	112.06	7		7		7	
1/4	2,231.76	1/4	1,877.91	1/4	1,521.17	1/4	1,164.85	1/4	818.49	1/4	461.55	1/4	104.62	1/4		1/4		1/4	
1/2	2,224.39	1/2	1,870.48	1/2	1,513.74	1/2	1,157.63	1/2	811.05	1/2	454.12	1/2	97.18	1/2		1/2		1/2	
3/4	2,217.02	3/4	1,863.05	3/4	1,506.30	3/4	1,150.40	3/4	803.62	3/4	446.68	3/4	89.73	3/4		3/4		3/4	
8	2,209.65	8	1,855.61	8	1,498.87	8	1,143.18	8	796.18	8	439.25	8	82.29	8		8		8	
1/4	2,202.28	1/4	1,848.18	1/4	1,491.44	1/4	1,135.96	1/4	788.74	1/4	431.81	1/4	74.84	1/4		1/4		1/4	
1/2	2,194.91	1/2	1,840.75	1/2	1,484.01	1/2	1,128.75	1/2	781.31	1/2	424.38	1/2	67.86	1/2		1/2		1/2	
3/4	2,187.54	3/4	1,833.32	3/4	1,476.58	3/4	1,121.53	3/4	773.87	3/4	416.94	3/4	60.88	3/4		3/4		3/4	
9	2,180.17	9	1,825.89	9	1,469.14	9	1,114.31	9	766.44	9	409.51	9	53.89	9		9		9	
1/4	2,172.80	1/4	1,818.45	1/4	1,461.71	1/4	1,107.10	1/4	759.00	1/4	402.07	1/4	46.91	1/4		1/4		1/4	
1/2	2,165.44	1/2	1,811.02	1/2	1,454.28	1/2	1,099.89	1/2	751.56	1/2	394.64	1/2	41.33	1/2		1/2		1/2	
3/4	2,158.07	3/4	1,803.59	3/4	1,446.85	3/4	1,092.68	3/4	744.13	3/4	387.20	3/4	35.74	3/4		3/4		3/4	
10	2,150.70	10	1,796.16	10	1,439.42	10	1,085.47	10	736.69	10	379.77	10	30.15	10		10		10	
1/4	2,143.33	1/4	1,788.72	1/4	1,431.98	1/4	1,078.26	1/4	729.25	1/4	372.33	1/4	24.57	1/4		1/4		1/4	
1/2	2,135.96	1/2	1,781.29	1/2	1,424.55	1/2	1,071.05	1/2	721.82	1/2	364.90	1/2	20.85	1/2		1/2		1/2	
3/4	2,128.59	3/4	1,773.86	3/4	1,417.12	3/4	1,063.85	3/4	714.38	3/4	357.46	3/4		3/4		3/4		3/4	
11	2,121.22	11	1,766.43	11	1,409.69	11	1,056.64	11	706.94	11	350.03	11		11		11		11	
1/4	2,113.85	1/4	1,759.00	1/4	1,402.26	1/4	1,049.43	1/4	699.51	1/4	342.59	1/4		1/4		1/4		1/4	
1/2	2,106.48	1/2	1,751.56	1/2	1,394.82	1/2	1,042.23	1/2	692.07	1/2	335.16	1/2		1/2		1/2		1/2	
3/4	2,099.11	3/4	1,744.13	3/4	1,387.39	3/4	1,035.03	3/4	684.64	3/4	327.72	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/09/2015 PMA  
RECALCULATED: 02/05/2020 SW  
REPRINTED: 02/05/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2020

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





# BARGE "HTCO 3142"

## 3 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
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	
<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	
1/2		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	
<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	
1/2		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	
<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	
1/2		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	
<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	
1/2		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	
<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	
1/2		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	
<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	
1/2		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	
<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	
1/2		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	
<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	
1/2		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	
<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	
1/2		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	
<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	
1/2		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	
<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	
1/2		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 12'-09" OFF CENTERLINE AND 45'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "HTCO 3142"

## 3 STBD ULLAGE TABLE HERMETIC

GAUGE HEIGHT 16'-10 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,465.15	0	2,107.64	0	1,750.13	0	1,392.61	0	1,035.24	0	678.14	0	320.63	0		0		0	
1/4	2,457.71	1/4	2,100.19	1/4	1,742.68	1/4	1,385.16	1/4	1,027.81	1/4	670.69	1/4	313.18	1/4		1/4		1/4	
1/2	2,450.26	1/2	2,092.74	1/2	1,735.23	1/2	1,377.72	1/2	1,020.37	1/2	663.25	1/2	305.74	1/2		1/2		1/2	
3/4	2,442.81	3/4	2,085.30	3/4	1,727.78	3/4	1,370.27	3/4	1,012.94	3/4	655.80	3/4	298.29	3/4		3/4		3/4	
1	2,435.36	1	2,077.85	1	1,720.33	1	1,362.82	1	1,005.51	1	648.35	1	290.84	1		1		1	
1/4	2,427.91	1/4	2,070.40	1/4	1,712.89	1/4	1,355.37	1/4	998.07	1/4	640.90	1/4	283.39	1/4		1/4		1/4	
1/2	2,420.46	1/2	2,062.95	1/2	1,705.44	1/2	1,347.92	1/2	990.64	1/2	633.45	1/2	275.94	1/2		1/2		1/2	
3/4	2,413.02	3/4	2,055.50	3/4	1,697.99	3/4	1,340.48	3/4	983.21	3/4	626.00	3/4	268.50	3/4		3/4		3/4	
2	2,405.57	2	2,048.05	2	1,690.54	2	1,333.03	2	975.77	2	618.56	2	261.05	2		2		2	
1/4	2,398.12	1/4	2,040.61	1/4	1,683.09	1/4	1,325.58	1/4	968.34	1/4	611.11	1/4	253.60	1/4		1/4		1/4	
1/2	2,390.67	1/2	2,033.16	1/2	1,675.64	1/2	1,318.13	1/2	960.91	1/2	603.66	1/2	246.15	1/2		1/2		1/2	
3/4	2,383.22	3/4	2,025.71	3/4	1,668.20	3/4	1,310.68	3/4	953.48	3/4	596.21	3/4	238.70	3/4		3/4		3/4	
3	2,375.78	3	2,018.26	3	1,660.75	3	1,303.23	3	946.04	3	588.76	3	231.26	3		3		3	
1/4	2,368.33	1/4	2,010.81	1/4	1,653.30	1/4	1,295.79	1/4	938.61	1/4	581.32	1/4	223.81	1/4		1/4		1/4	
1/2	2,360.88	1/2	2,003.37	1/2	1,645.85	1/2	1,288.34	1/2	931.18	1/2	573.87	1/2	216.36	1/2		1/2		1/2	
3/4	2,353.43	3/4	1,995.92	3/4	1,638.40	3/4	1,280.89	3/4	923.74	3/4	566.42	3/4	208.91	3/4		3/4		3/4	
4	2,345.98	4	1,988.47	4	1,630.96	4	1,273.44	4	916.31	4	558.97	4	201.46	4		4		4	
1/4	2,338.53	1/4	1,981.02	1/4	1,623.51	1/4	1,265.99	1/4	908.88	1/4	551.52	1/4	194.01	1/4		1/4		1/4	
1/2	2,331.09	1/2	1,973.57	1/2	1,616.06	1/2	1,258.55	1/2	901.44	1/2	544.08	1/2	186.57	1/2		1/2		1/2	
3/4	2,323.64	3/4	1,966.12	3/4	1,608.61	3/4	1,251.10	3/4	894.01	3/4	536.63	3/4	179.12	3/4		3/4		3/4	
5	2,316.19	5	1,958.68	5	1,601.16	5	1,243.65	5	886.58	5	529.18	5	171.67	5		5		5	
1/4	2,308.74	1/4	1,951.23	1/4	1,593.71	1/4	1,236.20	1/4	879.14	1/4	521.73	1/4	164.22	1/4		1/4		1/4	
1/2	2,301.29	1/2	1,943.78	1/2	1,586.27	1/2	1,228.75	1/2	871.71	1/2	514.28	1/2	156.77	1/2		1/2		1/2	
3/4	2,293.84	3/4	1,936.33	3/4	1,578.82	3/4	1,221.30	3/4	864.28	3/4	506.84	3/4	149.33	3/4		3/4		3/4	
6	2,286.40	6	1,928.88	6	1,571.37	6	1,213.86	6	856.85	6	499.39	6	141.88	6		6		6	
1/4	2,278.95	1/4	1,921.43	1/4	1,563.92	1/4	1,206.41	1/4	849.41	1/4	491.94	1/4	134.43	1/4		1/4		1/4	
1/2	2,271.50	1/2	1,913.99	1/2	1,556.47	1/2	1,198.96	1/2	841.97	1/2	484.49	1/2	126.98	1/2		1/2		1/2	
3/4	2,264.05	3/4	1,906.54	3/4	1,549.02	3/4	1,191.51	3/4	834.53	3/4	477.04	3/4	119.53	3/4		3/4		3/4	
7	2,256.60	7	1,899.09	7	1,541.58	7	1,184.06	7	827.09	7	469.59	7	112.09	7		7		7	
1/4	2,249.16	1/4	1,891.64	1/4	1,534.13	1/4	1,176.61	1/4	819.66	1/4	462.15	1/4	104.64	1/4		1/4		1/4	
1/2	2,241.71	1/2	1,884.19	1/2	1,526.68	1/2	1,169.17	1/2	812.21	1/2	454.70	1/2	97.19	1/2		1/2		1/2	
3/4	2,234.26	3/4	1,876.75	3/4	1,519.23	3/4	1,161.72	3/4	804.76	3/4	447.25	3/4	89.74	3/4		3/4		3/4	
8	2,226.81	8	1,869.30	8	1,511.78	8	1,154.27	8	797.31	8	439.80	8	82.29	8		8		8	
1/4	2,219.36	1/4	1,861.85	1/4	1,504.34	1/4	1,146.82	1/4	789.86	1/4	432.35	1/4	74.85	1/4		1/4		1/4	
1/2	2,211.91	1/2	1,854.40	1/2	1,496.89	1/2	1,139.38	1/2	782.41	1/2	424.91	1/2	67.86	1/2		1/2		1/2	
3/4	2,204.47	3/4	1,846.95	3/4	1,489.44	3/4	1,131.93	3/4	774.97	3/4	417.46	3/4	60.88	3/4		3/4		3/4	
9	2,197.02	9	1,839.50	9	1,481.99	9	1,124.49	9	767.52	9	410.01	9	53.90	9		9		9	
1/4	2,189.57	1/4	1,832.06	1/4	1,474.54	1/4	1,117.04	1/4	760.07	1/4	402.56	1/4	46.92	1/4		1/4		1/4	
1/2	2,182.12	1/2	1,824.61	1/2	1,467.09	1/2	1,109.60	1/2	752.62	1/2	395.11	1/2	41.33	1/2		1/2		1/2	
3/4	2,174.67	3/4	1,817.16	3/4	1,459.65	3/4	1,102.16	3/4	745.17	3/4	387.67	3/4	35.74	3/4		3/4		3/4	
10	2,167.23	10	1,809.71	10	1,452.20	10	1,094.72	10	737.73	10	380.22	10	30.16	10		10		10	
1/4	2,159.78	1/4	1,802.26	1/4	1,444.75	1/4	1,087.28	1/4	730.28	1/4	372.77	1/4	24.57	1/4		1/4		1/4	
1/2	2,152.33	1/2	1,794.82	1/2	1,437.30	1/2	1,079.85	1/2	722.83	1/2	365.32	1/2	20.85	1/2		1/2		1/2	
3/4	2,144.88	3/4	1,787.37	3/4	1,429.85	3/4	1,072.41	3/4	715.38	3/4	357.87	3/4		3/4		3/4		3/4	
11	2,137.43	11	1,779.92	11	1,422.41	11	1,064.98	11	707.93	11	350.43	11		11		11		11	
1/4	2,129.98	1/4	1,772.47	1/4	1,414.96	1/4	1,057.54	1/4	700.49	1/4	342.98	1/4		1/4		1/4		1/4	
1/2	2,122.54	1/2	1,765.02	1/2	1,407.51	1/2	1,050.11	1/2	693.04	1/2	335.53	1/2		1/2		1/2		1/2	
3/4	2,115.09	3/4	1,757.57	3/4	1,400.06	3/4	1,042.67	3/4	685.59	3/4	328.08	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/09/2015 PMA  
RECALCULATED: 02/05/2020 SW  
REPRINTED: 02/05/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2020

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



# BARGE "HTCO 3142"

# FWD SLOP TANK ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07 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	1,627	0	1,178	0	730	0	281	0		0		0		0	
1/4		1/4		1/4	1,618	1/4	1,169	1/4	720	1/4	271	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,609	1/2	1,160	1/2	711	1/2	262	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,599	3/4	1,150	3/4	702	3/4	253	3/4		3/4		3/4		3/4	
1		1		1	1,590	1	1,141	1	692	1	243	1		1		1		1	
1/4		1/4		1/4	1,581	1/4	1,132	1/4	683	1/4	234	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	2,020	1/2	1,571	1/2	1,122	1/2	225	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	2,011	3/4	1,562	3/4	1,113	3/4	215	3/4		3/4		3/4		3/4	
2		2		2	2,001	2	1,552	2	1,104	2	206	2		2		2		2	
1/4		1/4		1/4	1,992	1/4	1,543	1/4	1,094	1/4	197	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,983	1/2	1,534	1/2	1,085	1/2	187	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,973	3/4	1,524	3/4	1,076	3/4	178	3/4		3/4		3/4		3/4	
3		3		3	1,964	3	1,515	3	1,066	3	169	3		3		3		3	
1/4		1/4		1/4	1,955	1/4	1,506	1/4	1,057	1/4	159	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,945	1/2	1,496	1/2	1,048	1/2	150	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,936	3/4	1,487	3/4	1,038	3/4	140	3/4		3/4		3/4		3/4	
4		4		4	1,926	4	1,478	4	1,029	4	131	4		4		4		4	
1/4		1/4		1/4	1,917	1/4	1,468	1/4	1,019	1/4	122	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,908	1/2	1,459	1/2	1,010	1/2	112	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,898	3/4	1,450	3/4	1,001	3/4	103	3/4		3/4		3/4		3/4	
5		5		5	1,889	5	1,440	5	991	5	94	5		5		5		5	
1/4		1/4		1/4	1,880	1/4	1,431	1/4	982	1/4	84	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,870	1/2	1,422	1/2	973	1/2	75	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,861	3/4	1,412	3/4	963	3/4	66	3/4		3/4		3/4		3/4	
6		6		6	1,852	6	1,403	6	954	6	56	6		6		6		6	
1/4		1/4		1/4	1,842	1/4	1,394	1/4	945	1/4	47	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,833	1/2	1,384	1/2	935	1/2	38	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,824	3/4	1,375	3/4	926	3/4	28	3/4		3/4		3/4		3/4	
7		7		7	1,814	7	1,365	7	917	7	19	7		7		7		7	
1/4		1/4		1/4	1,805	1/4	1,356	1/4	907	1/4	9	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,796	1/2	1,347	1/2	898	1/2	0	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,786	3/4	1,337	3/4	889	3/4		3/4		3/4		3/4		3/4	
8		8		8	1,777	8	1,328	8	879	8	430	8		8		8		8	
1/4		1/4		1/4	1,768	1/4	1,319	1/4	870	1/4	421	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,758	1/2	1,309	1/2	861	1/2	412	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,749	3/4	1,300	3/4	851	3/4	402	3/4		3/4		3/4		3/4	
9		9		9	1,739	9	1,291	9	842	9	393	9		9		9		9	
1/4		1/4		1/4	1,730	1/4	1,281	1/4	832	1/4	384	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,721	1/2	1,272	1/2	823	1/2	374	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,711	3/4	1,263	3/4	814	3/4	365	3/4		3/4		3/4		3/4	
10		10		10	1,702	10	1,253	10	804	10	356	10		10		10		10	
1/4		1/4		1/4	1,693	1/4	1,244	1/4	795	1/4	346	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,683	1/2	1,235	1/2	786	1/2	337	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,674	3/4	1,225	3/4	776	3/4	328	3/4		3/4		3/4		3/4	
11		11		11	1,665	11	1,216	11	767	11	318	11		11		11		11	
1/4		1/4		1/4	1,655	1/4	1,206	1/4	758	1/4	309	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,646	1/2	1,197	1/2	748	1/2	299	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,637	3/4	1,188	3/4	739	3/4	290	3/4		3/4		3/4		3/4	

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 AT GAUGE POINT.  
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

STRAPPED: 01/09/2015 CL  
CALCULATED: 01/09/2015 CL  
PRINTED: 01/10/2015 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2015

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "HTCO 3142"

# FWD SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07 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	449	0	898	0	1,347	0	1,795	0		0		0		0		0	
1/4	9	1/4	458	1/4	907	1/4	1,356	1/4	1,805	1/4		1/4		1/4		1/4		1/4	
1/2	19	1/2	468	1/2	917	1/2	1,365	1/2	1,814	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	477	3/4	926	3/4	1,375	3/4	1,824	3/4		3/4		3/4		3/4		3/4	
1	37	1	486	1	935	1	1,384	1	1,833	1	1	1	1	1	1	1	1	1	1
1/4	47	1/4	496	1/4	945	1/4	1,393	1/4	1,842	1/4		1/4		1/4		1/4		1/4	
1/2	56	1/2	505	1/2	954	1/2	1,403	1/2	1,852	1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	514	3/4	963	3/4	1,412	3/4	1,861	3/4		3/4		3/4		3/4		3/4	
2	75	2	524	2	973	2	1,421	2	1,870	2	2	2	2	2	2	2	2	2	2
1/4	84	1/4	533	1/4	982	1/4	1,431	1/4	1,880	1/4		1/4		1/4		1/4		1/4	
1/2	94	1/2	542	1/2	991	1/2	1,440	1/2	1,889	1/2		1/2		1/2		1/2		1/2	
3/4	103	3/4	552	3/4	1,001	3/4	1,450	3/4	1,898	3/4		3/4		3/4		3/4		3/4	
3	112	3	561	3	1,010	3	1,459	3	1,908	3	3	3	3	3	3	3	3	3	3
1/4	122	1/4	571	1/4	1,019	1/4	1,468	1/4	1,917	1/4		1/4		1/4		1/4		1/4	
1/2	131	1/2	580	1/2	1,029	1/2	1,478	1/2	1,926	1/2		1/2		1/2		1/2		1/2	
3/4	140	3/4	589	3/4	1,038	3/4	1,487	3/4	1,936	3/4		3/4		3/4		3/4		3/4	
4	150	4	599	4	1,047	4	1,496	4	1,945	4	4	4	4	4	4	4	4	4	4
1/4	159	1/4	608	1/4	1,057	1/4	1,506	1/4	1,954	1/4		1/4		1/4		1/4		1/4	
1/2	168	1/2	617	1/2	1,066	1/2	1,515	1/2	1,964	1/2		1/2		1/2		1/2		1/2	
3/4	178	3/4	627	3/4	1,075	3/4	1,524	3/4	1,973	3/4		3/4		3/4		3/4		3/4	
5	187	5	636	5	1,085	5	1,534	5	1,982	5	5	5	5	5	5	5	5	5	5
1/4	197	1/4	645	1/4	1,094	1/4	1,543	1/4	1,992	1/4		1/4		1/4		1/4		1/4	
1/2	206	1/2	655	1/2	1,104	1/2	1,552	1/2	2,001	1/2		1/2		1/2		1/2		1/2	
3/4	215	3/4	664	3/4	1,113	3/4	1,562	3/4	2,011	3/4		3/4		3/4		3/4		3/4	
6	225	6	673	6	1,122	6	1,571	6	2,020	6	6	6	6	6	6	6	6	6	6
1/4	234	1/4	683	1/4	1,132	1/4	1,580	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	243	1/2	692	1/2	1,141	1/2	1,590	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	253	3/4	701	3/4	1,150	3/4	1,599	3/4		3/4		3/4		3/4		3/4		3/4	
7	262	7	711	7	1,160	7	1,608	7		7	7	7	7	7	7	7	7	7	7
1/4	271	1/4	720	1/4	1,169	1/4	1,618	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	281	1/2	730	1/2	1,178	1/2	1,627	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	290	3/4	739	3/4	1,188	3/4	1,637	3/4		3/4		3/4		3/4		3/4		3/4	
8	299	8	748	8	1,197	8	1,646	8		8	8	8	8	8	8	8	8	8	8
1/4	309	1/4	758	1/4	1,206	1/4	1,655	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	318	1/2	767	1/2	1,216	1/2	1,665	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	327	3/4	776	3/4	1,225	3/4	1,674	3/4		3/4		3/4		3/4		3/4		3/4	
9	337	9	786	9	1,234	9	1,683	9		9	9	9	9	9	9	9	9	9	9
1/4	346	1/4	795	1/4	1,244	1/4	1,693	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	355	1/2	804	1/2	1,253	1/2	1,702	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	365	3/4	814	3/4	1,262	3/4	1,711	3/4		3/4		3/4		3/4		3/4		3/4	
10	374	10	823	10	1,272	10	1,721	10		10	10	10	10	10	10	10	10	10	10
1/4	384	1/4	832	1/4	1,281	1/4	1,730	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	393	1/2	842	1/2	1,291	1/2	1,739	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	402	3/4	851	3/4	1,300	3/4	1,749	3/4		3/4		3/4		3/4		3/4		3/4	
11	412	11	860	11	1,309	11	1,758	11		11	11	11	11	11	11	11	11	11	11
1/4	421	1/4	870	1/4	1,319	1/4	1,767	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	430	1/2	879	1/2	1,328	1/2	1,777	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	440	3/4	888	3/4	1,337	3/4	1,786	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" HERMETIC VALVE.

STRAPPED: 01/09/2015 CL  
 CALCULATED: 01/09/2015 CL  
 PRINTED: 01/10/2015 SW

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 01/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.

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



# BARGE "HTCO 3142"

# AFT SLOP TANK ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07 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	1,627	0	1,178	0	730	0	281	0		0		0		0	
1/4		1/4		1/4	1,618	1/4	1,169	1/4	720	1/4	271	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,609	1/2	1,160	1/2	711	1/2	262	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,599	3/4	1,150	3/4	702	3/4	253	3/4		3/4		3/4		3/4	
1		1		1	1,590	1	1,141	1	692	1	243	1		1		1		1	
1/4		1/4		1/4	1,581	1/4	1,132	1/4	683	1/4	234	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	2,020	1/2	1,571	1/2	1,122	1/2	225	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	2,011	3/4	1,562	3/4	1,113	3/4	215	3/4		3/4		3/4		3/4	
2		2		2	2,001	2	1,552	2	1,104	2	206	2		2		2		2	
1/4		1/4		1/4	1,992	1/4	1,543	1/4	1,094	1/4	197	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,983	1/2	1,534	1/2	1,085	1/2	187	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,973	3/4	1,524	3/4	1,076	3/4	178	3/4		3/4		3/4		3/4	
3		3		3	1,964	3	1,515	3	1,066	3	169	3		3		3		3	
1/4		1/4		1/4	1,955	1/4	1,506	1/4	1,057	1/4	159	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,945	1/2	1,496	1/2	1,048	1/2	150	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,936	3/4	1,487	3/4	1,038	3/4	140	3/4		3/4		3/4		3/4	
4		4		4	1,926	4	1,478	4	1,029	4	131	4		4		4		4	
1/4		1/4		1/4	1,917	1/4	1,468	1/4	1,019	1/4	122	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,908	1/2	1,459	1/2	1,010	1/2	112	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,898	3/4	1,450	3/4	1,001	3/4	103	3/4		3/4		3/4		3/4	
5		5		5	1,889	5	1,440	5	991	5	94	5		5		5		5	
1/4		1/4		1/4	1,880	1/4	1,431	1/4	982	1/4	84	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,870	1/2	1,422	1/2	973	1/2	75	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,861	3/4	1,412	3/4	963	3/4	66	3/4		3/4		3/4		3/4	
6		6		6	1,852	6	1,403	6	954	6	56	6		6		6		6	
1/4		1/4		1/4	1,842	1/4	1,394	1/4	945	1/4	47	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,833	1/2	1,384	1/2	935	1/2	38	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,824	3/4	1,375	3/4	926	3/4	28	3/4		3/4		3/4		3/4	
7		7		7	1,814	7	1,365	7	917	7	19	7		7		7		7	
1/4		1/4		1/4	1,805	1/4	1,356	1/4	907	1/4	9	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,796	1/2	1,347	1/2	898	1/2	0	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,786	3/4	1,337	3/4	889	3/4		3/4		3/4		3/4		3/4	
8		8		8	1,777	8	1,328	8	879	8	430	8		8		8		8	
1/4		1/4		1/4	1,768	1/4	1,319	1/4	870	1/4	421	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,758	1/2	1,309	1/2	861	1/2	412	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,749	3/4	1,300	3/4	851	3/4	402	3/4		3/4		3/4		3/4	
9		9		9	1,739	9	1,291	9	842	9	393	9		9		9		9	
1/4		1/4		1/4	1,730	1/4	1,281	1/4	832	1/4	384	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,721	1/2	1,272	1/2	823	1/2	374	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,711	3/4	1,263	3/4	814	3/4	365	3/4		3/4		3/4		3/4	
10		10		10	1,702	10	1,253	10	804	10	356	10		10		10		10	
1/4		1/4		1/4	1,693	1/4	1,244	1/4	795	1/4	346	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,683	1/2	1,235	1/2	786	1/2	337	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,674	3/4	1,225	3/4	776	3/4	328	3/4		3/4		3/4		3/4	
11		11		11	1,665	11	1,216	11	767	11	318	11		11		11		11	
1/4		1/4		1/4	1,655	1/4	1,206	1/4	758	1/4	309	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	1,646	1/2	1,197	1/2	748	1/2	299	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	1,637	3/4	1,188	3/4	739	3/4	290	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 ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

STRAPPED: 01/09/2015 CL  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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







# BARGE "HTCO 3142"

# AFT SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07 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	449	0	898	0	1,347	0	1,795	0		0		0		0		0	
1/4	9	1/4	458	1/4	907	1/4	1,356	1/4	1,805	1/4		1/4		1/4		1/4		1/4	
1/2	19	1/2	468	1/2	917	1/2	1,365	1/2	1,814	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	477	3/4	926	3/4	1,375	3/4	1,824	3/4		3/4		3/4		3/4		3/4	
1	37	1	486	1	935	1	1,384	1	1,833	1	1	1	1	1	1	1	1	1	1
1/4	47	1/4	496	1/4	945	1/4	1,393	1/4	1,842	1/4		1/4		1/4		1/4		1/4	
1/2	56	1/2	505	1/2	954	1/2	1,403	1/2	1,852	1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	514	3/4	963	3/4	1,412	3/4	1,861	3/4		3/4		3/4		3/4		3/4	
2	75	2	524	2	973	2	1,421	2	1,870	2	2	2	2	2	2	2	2	2	2
1/4	84	1/4	533	1/4	982	1/4	1,431	1/4	1,880	1/4		1/4		1/4		1/4		1/4	
1/2	94	1/2	542	1/2	991	1/2	1,440	1/2	1,889	1/2		1/2		1/2		1/2		1/2	
3/4	103	3/4	552	3/4	1,001	3/4	1,450	3/4	1,898	3/4		3/4		3/4		3/4		3/4	
3	112	3	561	3	1,010	3	1,459	3	1,908	3	3	3	3	3	3	3	3	3	3
1/4	122	1/4	571	1/4	1,019	1/4	1,468	1/4	1,917	1/4		1/4		1/4		1/4		1/4	
1/2	131	1/2	580	1/2	1,029	1/2	1,478	1/2	1,926	1/2		1/2		1/2		1/2		1/2	
3/4	140	3/4	589	3/4	1,038	3/4	1,487	3/4	1,936	3/4		3/4		3/4		3/4		3/4	
4	150	4	599	4	1,047	4	1,496	4	1,945	4	4	4	4	4	4	4	4	4	4
1/4	159	1/4	608	1/4	1,057	1/4	1,506	1/4	1,954	1/4		1/4		1/4		1/4		1/4	
1/2	168	1/2	617	1/2	1,066	1/2	1,515	1/2	1,964	1/2		1/2		1/2		1/2		1/2	
3/4	178	3/4	627	3/4	1,075	3/4	1,524	3/4	1,973	3/4		3/4		3/4		3/4		3/4	
5	187	5	636	5	1,085	5	1,534	5	1,982	5	5	5	5	5	5	5	5	5	5
1/4	197	1/4	645	1/4	1,094	1/4	1,543	1/4	1,992	1/4		1/4		1/4		1/4		1/4	
1/2	206	1/2	655	1/2	1,104	1/2	1,552	1/2	2,001	1/2		1/2		1/2		1/2		1/2	
3/4	215	3/4	664	3/4	1,113	3/4	1,562	3/4	2,011	3/4		3/4		3/4		3/4		3/4	
6	225	6	673	6	1,122	6	1,571	6	2,020	6	6	6	6	6	6	6	6	6	6
1/4	234	1/4	683	1/4	1,132	1/4	1,580	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	243	1/2	692	1/2	1,141	1/2	1,590	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	253	3/4	701	3/4	1,150	3/4	1,599	3/4		3/4		3/4		3/4		3/4		3/4	
7	262	7	711	7	1,160	7	1,608	7		7		7		7		7		7	
1/4	271	1/4	720	1/4	1,169	1/4	1,618	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	281	1/2	730	1/2	1,178	1/2	1,627	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	290	3/4	739	3/4	1,188	3/4	1,637	3/4		3/4		3/4		3/4		3/4		3/4	
8	299	8	748	8	1,197	8	1,646	8		8		8		8		8		8	
1/4	309	1/4	758	1/4	1,206	1/4	1,655	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	318	1/2	767	1/2	1,216	1/2	1,665	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	327	3/4	776	3/4	1,225	3/4	1,674	3/4		3/4		3/4		3/4		3/4		3/4	
9	337	9	786	9	1,234	9	1,683	9		9		9		9		9		9	
1/4	346	1/4	795	1/4	1,244	1/4	1,693	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	355	1/2	804	1/2	1,253	1/2	1,702	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	365	3/4	814	3/4	1,262	3/4	1,711	3/4		3/4		3/4		3/4		3/4		3/4	
10	374	10	823	10	1,272	10	1,721	10		10		10		10		10		10	
1/4	384	1/4	832	1/4	1,281	1/4	1,730	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	393	1/2	842	1/2	1,291	1/2	1,739	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	402	3/4	851	3/4	1,300	3/4	1,749	3/4		3/4		3/4		3/4		3/4		3/4	
11	412	11	860	11	1,309	11	1,758	11		11		11		11		11		11	
1/4	421	1/4	870	1/4	1,319	1/4	1,767	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	430	1/2	879	1/2	1,328	1/2	1,777	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	440	3/4	888	3/4	1,337	3/4	1,786	3/4		3/4		3/4		3/4		3/4		3/4	

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 AT GAUGE POINT.  
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

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# BARGE "HTCO 3142"

# FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GUAGE HEIGHT 3'-09"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	120	0	298	0	456	0		0		0		0		0		0	
1/4	1	1/4	123	1/4	302	1/4	459	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2	1/2	127	1/2	305	1/2	461	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3	3/4	130	3/4	309	3/4	463	3/4		3/4		3/4		3/4		3/4		3/4	
1	3	1	134	1	313	1	466	1	1	1	1	1	1	1	1	1	1	1	1
1/4	5	1/4	137	1/4	316	1/4	468	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	6	1/2	141	1/2	320	1/2	470	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	8	3/4	144	3/4	324	3/4	472	3/4		3/4		3/4		3/4		3/4		3/4	
2	9	2	148	2	327	2	475	2	2	2	2	2	2	2	2	2	2	2	2
1/4	11	1/4	152	1/4	331	1/4	477	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	13	1/2	155	1/2	335	1/2	478	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	15	3/4	159	3/4	338	3/4	480	3/4		3/4		3/4		3/4		3/4		3/4	
3	16	3	162	3	342	3	482	3	3	3	3	3	3	3	3	3	3	3	3
1/4	19	1/4	166	1/4	346	1/4	484	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	21	1/2	170	1/2	349	1/2	485	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	23	3/4	173	3/4	353	3/4	487	3/4		3/4		3/4		3/4		3/4		3/4	
4	25	4	177	4	356	4	488	4	4	4	4	4	4	4	4	4	4	4	4
1/4	27	1/4	181	1/4	360	1/4	489	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	30	1/2	185	1/2	363	1/2	490	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	32	3/4	188	3/4	367	3/4	491	3/4		3/4		3/4		3/4		3/4		3/4	
5	35	5	192	5	370	5	492	5	5	5	5	5	5	5	5	5	5	5	5
1/4	37	1/4	196	1/4	374	1/4	493	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	40	1/2	200	1/2	377	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	42	3/4	203	3/4	381	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	45	6	207	6	384	6		6		6		6		6		6		6	
1/4	48	1/4	211	1/4	387	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	51	1/2	215	1/2	391	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	53	3/4	218	3/4	394	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	56	7	222	7	397	7		7		7		7		7		7		7	
1/4	59	1/4	226	1/4	401	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	62	1/2	230	1/2	404	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	234	3/4	407	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	68	8	237	8	410	8		8		8		8		8		8		8	
1/4	71	1/4	241	1/4	413	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	74	1/2	245	1/2	416	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	77	3/4	249	3/4	420	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	80	9	252	9	423	9		9		9		9		9		9		9	
1/4	83	1/4	256	1/4	426	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	87	1/2	260	1/2	429	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	90	3/4	264	3/4	432	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	93	10	268	10	434	10		10		10		10		10		10		10	
1/4	96	1/4	271	1/4	437	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	100	1/2	275	1/2	440	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	103	3/4	279	3/4	443	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	106	11	283	11	446	11		11		11		11		11		11		11	
1/4	110	1/4	287	1/4	448	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113	1/2	290	1/2	451	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	116	3/4	294	3/4	454	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 AT 2" DIAMETER STANDPIPE.

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