



# BARGE "HTCO 3115"

ULLAGE (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	- 00-1/4	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
1 STBD	- 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
2 PORT	- 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
2 STBD	- 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
3 PORT	- 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
3 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-1/2	00-1/2

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

LENGTH BETWEEN DRAFT MARKS: 237'-09"

January 31, 2024

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

<http://www.pmacorp.net>







# BARGE "HTCO 3115"

## 1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,555.06	0	2,196.76	0	1,838.45	0	1,480.15	0	1,121.88	0	765.72	0	411.67	0	95.62	0		0	
1/4	2,547.59	1/4	2,189.29	1/4	1,830.99	1/4	1,472.69	1/4	1,114.43	1/4	758.28	1/4	404.62	1/4	89.51	1/4		1/4	
1/2	2,540.13	1/2	2,181.83	1/2	1,823.53	1/2	1,465.22	1/2	1,106.98	1/2	750.84	1/2	397.56	1/2	83.40	1/2		1/2	
3/4	2,532.66	3/4	2,174.36	3/4	1,816.06	3/4	1,457.76	3/4	1,099.55	3/4	743.38	3/4	390.59	3/4	77.37	3/4		3/4	
1	2,525.20	1	2,166.90	1	1,808.60	1	1,450.30	1	1,092.11	1	735.92	1	383.61	1	71.34	1		1	
1/4	2,517.73	1/4	2,159.43	1/4	1,801.13	1/4	1,442.83	1/4	1,084.68	1/4	728.45	1/4	376.64	1/4	65.31	1/4		1/4	
1/2	2,510.27	1/2	2,151.97	1/2	1,793.67	1/2	1,435.37	1/2	1,077.24	1/2	720.99	1/2	369.66	1/2	59.28	1/2		1/2	
3/4	2,502.80	3/4	2,144.50	3/4	1,786.20	3/4	1,427.90	3/4	1,069.82	3/4	713.52	3/4	362.76	3/4	53.80	3/4		3/4	
2	2,495.34	2	2,137.04	2	1,778.74	2	1,420.44	2	1,062.39	2	706.06	2	355.86	2	48.32	2		2	
1/4	2,487.87	1/4	2,129.57	1/4	1,771.27	1/4	1,412.97	1/4	1,054.96	1/4	698.59	1/4	348.96	1/4	42.83	1/4		1/4	
1/2	2,480.41	1/2	2,122.11	1/2	1,763.81	1/2	1,405.51	1/2	1,047.53	1/2	691.13	1/2	342.06	1/2	37.35	1/2		1/2	
3/4	2,472.95	3/4	2,114.64	3/4	1,756.34	3/4	1,398.04	3/4	1,040.11	3/4	683.66	3/4	335.24	3/4	33.35	3/4		3/4	
3	2,465.48	3	2,107.18	3	1,748.88	3	1,390.58	3	1,032.69	3	676.20	3	328.41	3	29.35	3		3	
1/4	2,458.02	1/4	2,099.72	1/4	1,741.41	1/4	1,383.11	1/4	1,025.27	1/4	668.74	1/4	321.59	1/4	25.35	1/4		1/4	
1/2	2,450.55	1/2	2,092.25	1/2	1,733.95	1/2	1,375.65	1/2	1,017.85	1/2	661.27	1/2	314.76	1/2	21.35	1/2		1/2	
3/4	2,443.09	3/4	2,084.79	3/4	1,726.49	3/4	1,368.18	3/4	1,010.43	3/4	653.81	3/4	308.01	3/4	18.44	3/4		3/4	
4	2,435.62	4	2,077.32	4	1,719.02	4	1,360.72	4	1,003.01	4	646.34	4	301.27	4		4		4	
1/4	2,428.16	1/4	2,069.86	1/4	1,711.56	1/4	1,353.26	1/4	995.60	1/4	638.88	1/4	294.52	1/4		1/4		1/4	
1/2	2,420.69	1/2	2,062.39	1/2	1,704.09	1/2	1,345.79	1/2	988.18	1/2	631.41	1/2	287.78	1/2		1/2		1/2	
3/4	2,413.23	3/4	2,054.93	3/4	1,696.63	3/4	1,338.33	3/4	980.77	3/4	623.95	3/4	281.11	3/4		3/4		3/4	
5	2,405.76	5	2,047.46	5	1,689.16	5	1,330.86	5	973.35	5	616.48	5	274.45	5		5		5	
1/4	2,398.30	1/4	2,040.00	1/4	1,681.70	1/4	1,323.40	1/4	965.94	1/4	609.02	1/4	267.78	1/4		1/4		1/4	
1/2	2,390.84	1/2	2,032.53	1/2	1,674.23	1/2	1,315.93	1/2	958.53	1/2	601.56	1/2	261.12	1/2		1/2		1/2	
3/4	2,383.37	3/4	2,025.07	3/4	1,666.77	3/4	1,308.47	3/4	951.11	3/4	594.09	3/4	254.53	3/4		3/4		3/4	
6	2,375.91	6	2,017.61	6	1,659.30	6	1,301.00	6	943.70	6	586.63	6	247.95	6		6		6	
1/4	2,368.44	1/4	2,010.14	1/4	1,651.84	1/4	1,293.54	1/4	936.28	1/4	579.16	1/4	241.36	1/4		1/4		1/4	
1/2	2,360.98	1/2	2,002.68	1/2	1,644.38	1/2	1,286.07	1/2	928.87	1/2	571.70	1/2	234.78	1/2		1/2		1/2	
3/4	2,353.51	3/4	1,995.21	3/4	1,636.91	3/4	1,278.61	3/4	921.46	3/4	564.26	3/4	228.28	3/4		3/4		3/4	
7	2,346.05	7	1,987.75	7	1,629.45	7	1,271.15	7	914.04	7	556.81	7	221.78	7		7		7	
1/4	2,338.58	1/4	1,980.28	1/4	1,621.98	1/4	1,263.68	1/4	906.63	1/4	549.37	1/4	215.27	1/4		1/4		1/4	
1/2	2,331.12	1/2	1,972.82	1/2	1,614.52	1/2	1,256.22	1/2	899.22	1/2	541.93	1/2	208.77	1/2		1/2		1/2	
3/4	2,323.65	3/4	1,965.35	3/4	1,607.05	3/4	1,248.75	3/4	891.80	3/4	534.55	3/4	202.35	3/4		3/4		3/4	
8	2,316.19	8	1,957.89	8	1,599.59	8	1,241.29	8	884.39	8	527.17	8	195.93	8		8		8	
1/4	2,308.72	1/4	1,950.42	1/4	1,592.12	1/4	1,233.82	1/4	876.98	1/4	519.79	1/4	189.51	1/4		1/4		1/4	
1/2	2,301.26	1/2	1,942.96	1/2	1,584.66	1/2	1,226.36	1/2	869.56	1/2	512.41	1/2	183.09	1/2		1/2		1/2	
3/4	2,293.80	3/4	1,935.49	3/4	1,577.19	3/4	1,218.89	3/4	862.15	3/4	505.11	3/4	176.74	3/4		3/4		3/4	
9	2,286.33	9	1,928.03	9	1,569.73	9	1,211.43	9	854.73	9	497.81	9	170.40	9		9		9	
1/4	2,278.87	1/4	1,920.57	1/4	1,562.26	1/4	1,203.96	1/4	847.32	1/4	490.51	1/4	164.05	1/4		1/4		1/4	
1/2	2,271.40	1/2	1,913.10	1/2	1,554.80	1/2	1,196.50	1/2	839.91	1/2	483.21	1/2	157.70	1/2		1/2		1/2	
3/4	2,263.94	3/4	1,905.64	3/4	1,547.34	3/4	1,189.03	3/4	832.49	3/4	475.99	3/4	151.43	3/4		3/4		3/4	
10	2,256.47	10	1,898.17	10	1,539.87	10	1,181.57	10	825.08	10	468.77	10	145.16	10		10		10	
1/4	2,249.01	1/4	1,890.71	1/4	1,532.41	1/4	1,174.11	1/4	817.67	1/4	461.55	1/4	138.89	1/4		1/4		1/4	
1/2	2,241.54	1/2	1,883.24	1/2	1,524.94	1/2	1,166.64	1/2	810.25	1/2	454.34	1/2	132.61	1/2		1/2		1/2	
3/4	2,234.08	3/4	1,875.78	3/4	1,517.48	3/4	1,159.18	3/4	802.84	3/4	447.20	3/4	126.42	3/4		3/4		3/4	
11	2,226.61	11	1,868.31	11	1,510.01	11	1,151.71	11	795.43	11	440.06	11	120.23	11		11		11	
1/4	2,219.15	1/4	1,860.85	1/4	1,502.55	1/4	1,144.25	1/4	788.01	1/4	432.92	1/4	114.04	1/4		1/4		1/4	
1/2	2,211.68	1/2	1,853.38	1/2	1,495.08	1/2	1,136.78	1/2	780.60	1/2	425.79	1/2	107.85	1/2		1/2		1/2	
3/4	2,204.22	3/4	1,845.92	3/4	1,487.62	3/4	1,129.33	3/4	773.16	3/4	418.73	3/4	101.73	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/30/2013 SW  
RECALCULATED: 02/19/2019 CL  
VERIFIED: 01/31/2024 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2024

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



# BARGE "HTCO 3115"

## 1 STBD ULLAGE TABLE

### HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,702.97	0	4,346.32	0	3,988.38	0	3,630.37	0	3,272.36	0	2,914.35
1/4		1/4		1/4		1/4		1/4	4,695.57	1/4	4,338.88	1/4	3,980.93	1/4	3,622.91	1/4	3,264.90	1/4	2,906.89
1/2		1/2		1/2		1/2		1/2	4,688.17	1/2	4,331.44	1/2	3,973.47	1/2	3,615.45	1/2	3,257.44	1/2	2,899.43
3/4		3/4		3/4		3/4		3/4	4,680.78	3/4	4,323.99	3/4	3,966.01	3/4	3,608.00	3/4	3,249.98	3/4	2,891.97
1		1		1		1		1	4,673.38	1	4,316.54	1	3,958.55	1	3,600.54	1	3,242.52	1	2,884.51
1/4		1/4		1/4		1/4		1/4	5,009.42	1/4	4,665.98	1/4	4,309.09	1/4	3,951.09	1/4	3,593.08	1/4	3,235.07
1/2		1/2		1/2		1/2		1/2	5,004.69	1/2	4,658.59	1/2	4,301.65	1/2	3,943.63	1/2	3,585.62	1/2	3,227.61
3/4		3/4		3/4		3/4		3/4	4,998.88	3/4	4,651.17	3/4	4,294.19	3/4	3,936.17	3/4	3,578.16	3/4	3,220.15
2		2		2		2		2	4,993.08	2	4,643.75	2	4,286.73	2	3,928.72	2	3,570.70	2	3,212.69
1/4		1/4		1/4		1/4		1/4	4,987.28	1/4	4,636.33	1/4	4,279.27	1/4	3,921.26	1/4	3,563.24	1/4	3,205.23
1/2		1/2		1/2		1/2		1/2	4,981.48	1/2	4,628.92	1/2	4,271.81	1/2	3,913.80	1/2	3,555.79	1/2	3,197.77
3/4		3/4		3/4		3/4		3/4	4,974.68	3/4	4,621.48	3/4	4,264.35	3/4	3,906.34	3/4	3,548.33	3/4	3,190.31
3		3		3		3		3	4,967.88	3	4,614.04	3	4,256.89	3	3,898.88	3	3,540.87	3	3,182.86
1/4		1/4		1/4		1/4		1/4	4,961.08	1/4	4,606.61	1/4	4,249.44	1/4	3,891.42	1/4	3,533.41	1/4	3,175.40
1/2		1/2		1/2		1/2		1/2	4,954.27	1/2	4,599.17	1/2	4,241.98	1/2	3,883.96	1/2	3,525.95	1/2	3,167.94
3/4		3/4		3/4		3/4		3/4	4,946.94	3/4	4,591.73	3/4	4,234.52	3/4	3,876.51	3/4	3,518.49	3/4	3,160.48
4		4		4		4		4	4,939.61	4	4,584.30	4	4,227.06	4	3,869.05	4	3,511.03	4	3,153.02
1/4		1/4		1/4		1/4		1/4	4,932.27	1/4	4,576.86	1/4	4,219.60	1/4	3,861.59	1/4	3,503.58	1/4	3,145.56
1/2		1/2		1/2		1/2		1/2	4,924.94	1/2	4,569.42	1/2	4,212.14	1/2	3,854.13	1/2	3,496.12	1/2	3,138.10
3/4		3/4		3/4		3/4		3/4	4,917.54	3/4	4,561.99	3/4	4,204.68	3/4	3,846.67	3/4	3,488.66	3/4	3,130.65
5		5		5		5		5	4,910.14	5	4,554.55	5	4,197.22	5	3,839.21	5	3,481.20	5	3,123.19
1/4		1/4		1/4		1/4		1/4	4,902.74	1/4	4,547.11	1/4	4,189.77	1/4	3,831.75	1/4	3,473.74	1/4	3,115.73
1/2		1/2		1/2		1/2		1/2	4,895.34	1/2	4,539.67	1/2	4,182.31	1/2	3,824.29	1/2	3,466.28	1/2	3,108.27
3/4		3/4		3/4		3/4		3/4	4,887.93	3/4	4,532.24	3/4	4,174.85	3/4	3,816.84	3/4	3,458.82	3/4	3,100.81
6		6		6		6		6	4,880.53	6	4,524.80	6	4,167.39	6	3,809.38	6	3,451.36	6	3,093.35
1/4		1/4		1/4		1/4		1/4	4,873.13	1/4	4,517.36	1/4	4,159.93	1/4	3,801.92	1/4	3,443.91	1/4	3,085.89
1/2		1/2		1/2		1/2		1/2	4,865.73	1/2	4,509.93	1/2	4,152.47	1/2	3,794.46	1/2	3,436.45	1/2	3,078.43
3/4		3/4		3/4		3/4		3/4	4,858.33	3/4	4,502.49	3/4	4,145.01	3/4	3,787.00	3/4	3,428.99	3/4	3,070.98
7		7		7		7		7	4,850.93	7	4,495.05	7	4,137.56	7	3,779.54	7	3,421.53	7	3,063.52
1/4		1/4		1/4		1/4		1/4	4,843.53	1/4	4,487.62	1/4	4,130.10	1/4	3,772.08	1/4	3,414.07	1/4	3,056.06
1/2		1/2		1/2		1/2		1/2	4,836.13	1/2	4,480.18	1/2	4,122.64	1/2	3,764.63	1/2	3,406.61	1/2	3,048.60
3/4		3/4		3/4		3/4		3/4	4,828.73	3/4	4,472.74	3/4	4,115.18	3/4	3,757.17	3/4	3,399.15	3/4	3,041.14
8		8		8		8		8	4,821.33	8	4,465.31	8	4,107.72	8	3,749.71	8	3,391.70	8	3,033.68
1/4		1/4		1/4		1/4		1/4	4,813.93	1/4	4,457.87	1/4	4,100.26	1/4	3,742.25	1/4	3,384.24	1/4	3,026.22
1/2		1/2		1/2		1/2		1/2	4,806.53	1/2	4,450.43	1/2	4,092.80	1/2	3,734.79	1/2	3,376.78	1/2	3,018.77
3/4		3/4		3/4		3/4		3/4	4,799.13	3/4	4,442.99	3/4	4,085.35	3/4	3,727.33	3/4	3,369.32	3/4	3,011.31
9		9		9		9		9	4,791.74	9	4,435.56	9	4,077.89	9	3,719.87	9	3,361.86	9	3,003.85
1/4		1/4		1/4		1/4		1/4	4,784.34	1/4	4,428.12	1/4	4,070.43	1/4	3,712.42	1/4	3,354.40	1/4	2,996.39
1/2		1/2		1/2		1/2		1/2	4,776.94	1/2	4,420.68	1/2	4,062.97	1/2	3,704.96	1/2	3,346.94	1/2	2,988.93
3/4		3/4		3/4		3/4		3/4	4,769.54	3/4	4,413.25	3/4	4,055.51	3/4	3,697.50	3/4	3,339.49	3/4	2,981.47
10		10		10		10		10	4,762.15	10	4,405.81	10	4,048.05	10	3,690.04	10	3,332.03	10	2,974.01
1/4		1/4		1/4		1/4		1/4	4,754.75	1/4	4,398.37	1/4	4,040.59	1/4	3,682.58	1/4	3,324.57	1/4	2,966.56
1/2		1/2		1/2		1/2		1/2	4,747.35	1/2	4,390.94	1/2	4,033.14	1/2	3,675.12	1/2	3,317.11	1/2	2,959.10
3/4		3/4		3/4		3/4		3/4	4,739.95	3/4	4,383.50	3/4	4,025.68	3/4	3,667.66	3/4	3,309.65	3/4	2,951.64
11		11		11		11		11	4,732.56	11	4,376.06	11	4,018.22	11	3,660.21	11	3,302.19	11	2,944.18
1/4		1/4		1/4		1/4		1/4	4,725.16	1/4	4,368.63	1/4	4,010.76	1/4	3,652.75	1/4	3,294.73	1/4	2,936.72
1/2		1/2		1/2		1/2		1/2	4,717.76	1/2	4,361.19	1/2	4,003.30	1/2	3,645.29	1/2	3,287.28	1/2	2,929.26
3/4		3/4		3/4		3/4		3/4	4,710.37	3/4	4,353.75	3/4	3,995.84	3/4	3,637.83	3/4	3,279.82	3/4	2,921.81

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'-07" OFF CENTERLINE AND 41'-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 3115"

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

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

**GAUGE HEIGHT 17'-03 3/4"**

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,556.15	0	2,197.94	0	1,839.73	0	1,481.52	0	1,123.31	0	765.59	0	411.65	0	95.63	0		0	
1/4	2,548.69	1/4	2,190.48	1/4	1,832.27	1/4	1,474.06	1/4	1,115.85	1/4	758.13	1/4	404.59	1/4	89.51	1/4		1/4	
1/2	2,541.22	1/2	2,183.01	1/2	1,824.80	1/2	1,466.59	1/2	1,108.38	1/2	750.68	1/2	397.54	1/2	83.40	1/2		1/2	
3/4	2,533.76	3/4	2,175.55	3/4	1,817.34	3/4	1,459.13	3/4	1,100.92	3/4	743.21	3/4	390.56	3/4	77.37	3/4		3/4	
1	2,526.30	1	2,168.09	1	1,809.88	1	1,451.67	1	1,093.46	1	735.75	1	383.59	1	71.34	1		1	
1/4	2,518.83	1/4	2,160.63	1/4	1,802.42	1/4	1,444.21	1/4	1,086.00	1/4	728.29	1/4	376.62	1/4	65.31	1/4		1/4	
1/2	2,511.37	1/2	2,153.16	1/2	1,794.95	1/2	1,436.74	1/2	1,078.53	1/2	720.83	1/2	369.64	1/2	59.28	1/2		1/2	
3/4	2,503.91	3/4	2,145.70	3/4	1,787.49	3/4	1,429.28	3/4	1,071.07	3/4	713.36	3/4	362.74	3/4	53.80	3/4		3/4	
2	2,496.45	2	2,138.24	2	1,780.03	2	1,421.82	2	1,063.61	2	705.90	2	355.85	2	48.32	2		2	
1/4	2,488.98	1/4	2,130.77	1/4	1,772.56	1/4	1,414.36	1/4	1,056.16	1/4	698.44	1/4	348.95	1/4	42.83	1/4		1/4	
1/2	2,481.52	1/2	2,123.31	1/2	1,765.10	1/2	1,406.89	1/2	1,048.70	1/2	690.98	1/2	342.05	1/2	37.35	1/2		1/2	
3/4	2,474.06	3/4	2,115.85	3/4	1,757.64	3/4	1,399.43	3/4	1,041.24	3/4	683.51	3/4	335.22	3/4	33.35	3/4		3/4	
3	2,466.60	3	2,108.39	3	1,750.18	3	1,391.97	3	1,033.78	3	676.05	3	328.40	3	29.35	3		3	
1/4	2,459.13	1/4	2,100.92	1/4	1,742.71	1/4	1,384.50	1/4	1,026.33	1/4	668.59	1/4	321.57	1/4	25.35	1/4		1/4	
1/2	2,451.67	1/2	2,093.46	1/2	1,735.25	1/2	1,377.04	1/2	1,018.87	1/2	661.13	1/2	314.75	1/2	21.35	1/2		1/2	
3/4	2,444.21	3/4	2,086.00	3/4	1,727.79	3/4	1,369.58	3/4	1,011.42	3/4	653.66	3/4	308.00	3/4	18.43	3/4		3/4	
4	2,436.75	4	2,078.54	4	1,720.33	4	1,362.12	4	1,003.97	4	646.20	4	301.26	4		4		4	
1/4	2,429.28	1/4	2,071.07	1/4	1,712.86	1/4	1,354.65	1/4	996.51	1/4	638.74	1/4	294.51	1/4		1/4		1/4	
1/2	2,421.82	1/2	2,063.61	1/2	1,705.40	1/2	1,347.19	1/2	989.06	1/2	631.28	1/2	287.77	1/2		1/2		1/2	
3/4	2,414.36	3/4	2,056.15	3/4	1,697.94	3/4	1,339.73	3/4	981.61	3/4	623.81	3/4	281.10	3/4		3/4		3/4	
5	2,406.89	5	2,048.68	5	1,690.48	5	1,332.27	5	974.16	5	616.35	5	274.44	5		5		5	
1/4	2,399.43	1/4	2,041.22	1/4	1,683.01	1/4	1,324.80	1/4	966.72	1/4	608.89	1/4	267.77	1/4		1/4		1/4	
1/2	2,391.97	1/2	2,033.76	1/2	1,675.55	1/2	1,317.34	1/2	959.27	1/2	601.43	1/2	261.11	1/2		1/2		1/2	
3/4	2,384.51	3/4	2,026.30	3/4	1,668.09	3/4	1,309.88	3/4	951.82	3/4	593.96	3/4	254.53	3/4		3/4		3/4	
6	2,377.04	6	2,018.83	6	1,660.62	6	1,302.41	6	944.37	6	586.50	6	247.94	6		6		6	
1/4	2,369.58	1/4	2,011.37	1/4	1,653.16	1/4	1,294.95	1/4	936.92	1/4	579.04	1/4	241.36	1/4		1/4		1/4	
1/2	2,362.12	1/2	2,003.91	1/2	1,645.70	1/2	1,287.49	1/2	929.47	1/2	571.58	1/2	234.78	1/2		1/2		1/2	
3/4	2,354.66	3/4	1,996.45	3/4	1,638.24	3/4	1,280.03	3/4	922.02	3/4	564.14	3/4	228.27	3/4		3/4		3/4	
7	2,347.19	7	1,988.98	7	1,630.77	7	1,272.56	7	914.57	7	556.70	7	221.77	7		7		7	
1/4	2,339.73	1/4	1,981.52	1/4	1,623.31	1/4	1,265.10	1/4	907.13	1/4	549.27	1/4	215.27	1/4		1/4		1/4	
1/2	2,332.27	1/2	1,974.06	1/2	1,615.85	1/2	1,257.64	1/2	899.68	1/2	541.83	1/2	208.77	1/2		1/2		1/2	
3/4	2,324.80	3/4	1,966.59	3/4	1,608.39	3/4	1,250.18	3/4	892.23	3/4	534.46	3/4	202.35	3/4		3/4		3/4	
8	2,317.34	8	1,959.13	8	1,600.92	8	1,242.71	8	884.78	8	527.09	8	195.93	8		8		8	
1/4	2,309.88	1/4	1,951.67	1/4	1,593.46	1/4	1,235.25	1/4	877.33	1/4	519.72	1/4	189.51	1/4		1/4		1/4	
1/2	2,302.42	1/2	1,944.21	1/2	1,586.00	1/2	1,227.79	1/2	869.88	1/2	512.35	1/2	183.09	1/2		1/2		1/2	
3/4	2,294.95	3/4	1,936.74	3/4	1,578.53	3/4	1,220.32	3/4	862.43	3/4	505.05	3/4	176.74	3/4		3/4		3/4	
9	2,287.49	9	1,929.28	9	1,571.07	9	1,212.86	9	854.98	9	497.76	9	170.40	9		9		9	
1/4	2,280.03	1/4	1,921.82	1/4	1,563.61	1/4	1,205.40	1/4	847.54	1/4	490.46	1/4	164.05	1/4		1/4		1/4	
1/2	2,272.57	1/2	1,914.36	1/2	1,556.15	1/2	1,197.94	1/2	840.09	1/2	483.17	1/2	157.71	1/2		1/2		1/2	
3/4	2,265.10	3/4	1,906.89	3/4	1,548.68	3/4	1,190.47	3/4	832.64	3/4	475.95	3/4	151.43	3/4		3/4		3/4	
10	2,257.64	10	1,899.43	10	1,541.22	10	1,183.01	10	825.19	10	468.73	10	145.16	10		10		10	
1/4	2,250.18	1/4	1,891.97	1/4	1,533.76	1/4	1,175.55	1/4	817.74	1/4	461.52	1/4	138.89	1/4		1/4		1/4	
1/2	2,242.71	1/2	1,884.51	1/2	1,526.30	1/2	1,168.09	1/2	810.29	1/2	454.30	1/2	132.62	1/2		1/2		1/2	
3/4	2,235.25	3/4	1,877.04	3/4	1,518.83	3/4	1,160.62	3/4	802.84	3/4	447.16	3/4	126.42	3/4		3/4		3/4	
11	2,227.79	11	1,869.58	11	1,511.37	11	1,153.16	11	795.39	11	440.03	11	120.23	11		11		11	
1/4	2,220.33	1/4	1,862.12	1/4	1,503.91	1/4	1,145.70	1/4	787.94	1/4	432.89	1/4	114.04	1/4		1/4		1/4	
1/2	2,212.86	1/2	1,854.65	1/2	1,496.44	1/2	1,138.24	1/2	780.50	1/2	425.75	1/2	107.85	1/2		1/2		1/2	
3/4	2,205.40	3/4	1,847.19	3/4	1,488.98	3/4	1,130.77	3/4	773.04	3/4	418.70	3/4	101.74	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/30/2013 SW  
RECALCULATED: 02/19/2019 CL  
VERIFIED: 01/31/2024 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2024

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





# BARGE "HTCO 3115"

2 PORT  
ULLAGE TABLE  
HERMETIC

GAUGE HEIGHT 17'-03 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	2,620.21	0	2,261.00	0	1,901.79	0	1,542.57	0	1,183.64	0	838.20	0	479.30	0	120.10	0		0	
1/4	2,612.73	1/4	2,253.52	1/4	1,894.30	1/4	1,535.09	1/4	1,176.30	1/4	830.87	1/4	471.82	1/4	112.62	1/4		1/4	
1/2	2,605.25	1/2	2,246.03	1/2	1,886.82	1/2	1,527.61	1/2	1,168.96	1/2	823.54	1/2	464.34	1/2	105.13	1/2		1/2	
3/4	2,597.76	3/4	2,238.55	3/4	1,879.34	3/4	1,520.12	3/4	1,161.76	3/4	816.06	3/4	456.85	3/4	97.65	3/4		3/4	
1	2,590.28	1	2,231.07	1	1,871.85	1	1,512.64	1	1,154.56	1	808.57	1	449.37	1	90.17	1		1	
1/4	2,582.79	1/4	2,223.58	1/4	1,864.37	1/4	1,505.16	1/4	1,147.36	1/4	801.09	1/4	441.89	1/4	82.68	1/4		1/4	
1/2	2,575.31	1/2	2,216.10	1/2	1,856.89	1/2	1,497.67	1/2	1,140.15	1/2	793.60	1/2	434.40	1/2	75.20	1/2		1/2	
3/4	2,567.83	3/4	2,208.61	3/4	1,849.40	3/4	1,490.19	3/4	1,132.96	3/4	786.12	3/4	426.92	3/4	68.18	3/4		3/4	
2	2,560.34	2	2,201.13	2	1,841.92	2	1,482.71	2	1,125.77	2	778.64	2	419.43	2	61.17	2		2	
1/4	2,552.86	1/4	2,193.65	1/4	1,834.43	1/4	1,475.22	1/4	1,118.57	1/4	771.15	1/4	411.95	1/4	54.15	1/4		1/4	
1/2	2,545.38	1/2	2,186.16	1/2	1,826.95	1/2	1,467.74	1/2	1,111.38	1/2	763.67	1/2	404.47	1/2	47.14	1/2		1/2	
3/4	2,537.89	3/4	2,178.68	3/4	1,819.47	3/4	1,460.25	3/4	1,104.19	3/4	756.19	3/4	396.98	3/4	41.52	3/4		3/4	
3	2,530.41	3	2,171.20	3	1,811.98	3	1,452.77	3	1,097.00	3	748.70	3	389.50	3	35.91	3		3	
1/4	2,522.93	1/4	2,163.71	1/4	1,804.50	1/4	1,445.29	1/4	1,089.82	1/4	741.22	1/4	382.02	1/4	30.30	1/4		1/4	
1/2	2,515.44	1/2	2,156.23	1/2	1,797.02	1/2	1,437.80	1/2	1,082.63	1/2	733.74	1/2	374.53	1/2	24.69	1/2		1/2	
3/4	2,507.96	3/4	2,148.75	3/4	1,789.53	3/4	1,430.32	3/4	1,075.45	3/4	726.25	3/4	367.05	3/4	20.94	3/4		3/4	
4	2,500.47	4	2,141.26	4	1,782.05	4	1,422.84	4	1,068.26	4	718.77	4	359.57	4		4		4	
1/4	2,492.99	1/4	2,133.78	1/4	1,774.57	1/4	1,415.35	1/4	1,061.08	1/4	711.29	1/4	352.08	1/4		1/4		1/4	
1/2	2,485.51	1/2	2,126.29	1/2	1,767.08	1/2	1,407.87	1/2	1,053.90	1/2	703.80	1/2	344.60	1/2		1/2		1/2	
3/4	2,478.02	3/4	2,118.81	3/4	1,759.60	3/4	1,400.39	3/4	1,046.72	3/4	696.32	3/4	337.12	3/4		3/4		3/4	
5	2,470.54	5	2,111.33	5	1,752.11	5	1,392.90	5	1,039.54	5	688.84	5	329.63	5		5		5	
1/4	2,463.06	1/4	2,103.84	1/4	1,744.63	1/4	1,385.42	1/4	1,032.36	1/4	681.35	1/4	322.15	1/4		1/4		1/4	
1/2	2,455.57	1/2	2,096.36	1/2	1,737.15	1/2	1,377.93	1/2	1,025.18	1/2	673.87	1/2	314.67	1/2		1/2		1/2	
3/4	2,448.09	3/4	2,088.88	3/4	1,729.66	3/4	1,370.45	3/4	1,018.00	3/4	666.39	3/4	307.18	3/4		3/4		3/4	
6	2,440.61	6	2,081.39	6	1,722.18	6	1,362.97	6	1,010.82	6	658.90	6	299.70	6		6		6	
1/4	2,433.12	1/4	2,073.91	1/4	1,714.70	1/4	1,355.48	1/4	1,003.64	1/4	651.42	1/4	292.22	1/4		1/4		1/4	
1/2	2,425.64	1/2	2,066.43	1/2	1,707.21	1/2	1,348.00	1/2	996.46	1/2	643.94	1/2	284.73	1/2		1/2		1/2	
3/4	2,418.16	3/4	2,058.94	3/4	1,699.73	3/4	1,340.52	3/4	989.28	3/4	636.45	3/4	277.25	3/4		3/4		3/4	
7	2,410.67	7	2,051.46	7	1,692.25	7	1,333.03	7	982.10	7	628.97	7	269.77	7		7		7	
1/4	2,403.19	1/4	2,043.98	1/4	1,684.76	1/4	1,325.55	1/4	974.92	1/4	621.49	1/4	262.28	1/4		1/4		1/4	
1/2	2,395.70	1/2	2,036.49	1/2	1,677.28	1/2	1,318.07	1/2	967.74	1/2	614.00	1/2	254.80	1/2		1/2		1/2	
3/4	2,388.22	3/4	2,029.01	3/4	1,669.80	3/4	1,310.58	3/4	960.56	3/4	606.52	3/4	247.32	3/4		3/4		3/4	
8	2,380.74	8	2,021.52	8	1,662.31	8	1,303.10	8	953.38	8	599.04	8	239.83	8		8		8	
1/4	2,373.25	1/4	2,014.04	1/4	1,654.83	1/4	1,295.62	1/4	946.20	1/4	591.55	1/4	232.35	1/4		1/4		1/4	
1/2	2,365.77	1/2	2,006.56	1/2	1,647.34	1/2	1,288.13	1/2	939.02	1/2	584.07	1/2	224.87	1/2		1/2		1/2	
3/4	2,358.29	3/4	1,999.07	3/4	1,639.86	3/4	1,280.65	3/4	931.84	3/4	576.59	3/4	217.38	3/4		3/4		3/4	
9	2,350.80	9	1,991.59	9	1,632.38	9	1,273.16	9	924.66	9	569.10	9	209.90	9		9		9	
1/4	2,343.32	1/4	1,984.11	1/4	1,624.89	1/4	1,265.68	1/4	917.48	1/4	561.62	1/4	202.42	1/4		1/4		1/4	
1/2	2,335.84	1/2	1,976.62	1/2	1,617.41	1/2	1,258.20	1/2	910.30	1/2	554.14	1/2	194.93	1/2		1/2		1/2	
3/4	2,328.35	3/4	1,969.14	3/4	1,609.93	3/4	1,250.71	3/4	903.12	3/4	546.65	3/4	187.45	3/4		3/4		3/4	
10	2,320.87	10	1,961.66	10	1,602.44	10	1,243.23	10	895.94	10	539.17	10	179.97	10		10		10	
1/4	2,313.38	1/4	1,954.17	1/4	1,594.96	1/4	1,235.75	1/4	888.76	1/4	531.69	1/4	172.48	1/4		1/4		1/4	
1/2	2,305.90	1/2	1,946.69	1/2	1,587.48	1/2	1,228.26	1/2	881.58	1/2	524.20	1/2	165.00	1/2		1/2		1/2	
3/4	2,298.42	3/4	1,939.20	3/4	1,579.99	3/4	1,220.78	3/4	874.40	3/4	516.72	3/4	157.52	3/4		3/4		3/4	
11	2,290.93	11	1,931.72	11	1,572.51	11	1,213.30	11	867.22	11	509.24	11	150.03	11		11		11	
1/4	2,283.45	1/4	1,924.24	1/4	1,565.02	1/4	1,205.81	1/4	860.04	1/4	501.75	1/4	142.55	1/4		1/4		1/4	
1/2	2,275.97	1/2	1,916.75	1/2	1,557.54	1/2	1,198.33	1/2	852.86	1/2	494.27	1/2	135.07	1/2		1/2		1/2	
3/4	2,268.48	3/4	1,909.27	3/4	1,550.06	3/4	1,190.99	3/4	845.53	3/4	486.79	3/4	127.58	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/30/2013 SW  
RECALCULATED: 02/19/2019 CL  
VERIFIED: 01/31/2024 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2024

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







# BARGE "HTCO 3115"

## 2 STBD

### ULLAGE TABLE

### HERMETIC

### GAUGE HEIGHT 17'-03 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	2,627.26	0	2,267.96	0	1,908.66	0	1,549.36	0	1,190.06	0	831.22	0	471.93	0	112.64	0		0	
1/4	2,619.77	1/4	2,260.48	1/4	1,901.18	1/4	1,541.88	1/4	1,182.58	1/4	823.74	1/4	464.45	1/4	105.16	1/4		1/4	
1/2	2,612.29	1/2	2,252.99	1/2	1,893.69	1/2	1,534.39	1/2	1,175.09	1/2	816.25	1/2	456.96	1/2	97.67	1/2		1/2	
3/4	2,604.80	3/4	2,245.50	3/4	1,886.21	3/4	1,526.91	3/4	1,167.61	3/4	808.77	3/4	449.48	3/4	90.19	3/4		3/4	
1	2,597.32	1	2,238.02	1	1,878.72	1	1,519.42	1	1,160.12	1	801.28	1	441.99	1	82.70	1		1	
1/4	2,589.83	1/4	2,230.53	1/4	1,871.23	1/4	1,511.94	1/4	1,152.64	1/4	793.80	1/4	434.51	1/4	75.22	1/4		1/4	
1/2	2,582.35	1/2	2,223.05	1/2	1,863.75	1/2	1,504.45	1/2	1,145.15	1/2	786.31	1/2	427.02	1/2	68.20	1/2		1/2	
3/4	2,574.86	3/4	2,215.56	3/4	1,856.26	3/4	1,496.96	3/4	1,137.67	3/4	778.83	3/4	419.54	3/4	61.18	3/4		3/4	
2	2,567.38	2	2,208.08	2	1,848.78	2	1,489.48	2	1,130.19	2	771.34	2	412.05	2	54.17	2		2	
1/4	2,559.89	1/4	2,200.59	1/4	1,841.29	1/4	1,481.99	1/4	1,122.71	1/4	763.86	1/4	404.57	1/4	47.15	1/4		1/4	
1/2	2,552.41	1/2	2,193.11	1/2	1,833.81	1/2	1,474.51	1/2	1,115.23	1/2	756.37	1/2	397.08	1/2	41.53	1/2		1/2	
3/4	2,544.92	3/4	2,185.62	3/4	1,826.32	3/4	1,467.02	3/4	1,107.75	3/4	748.89	3/4	389.60	3/4	35.92	3/4		3/4	
3	2,537.44	3	2,178.14	3	1,818.84	3	1,459.54	3	1,100.27	3	741.40	3	382.11	3	30.31	3		3	
1/4	2,529.95	1/4	2,170.65	1/4	1,811.35	1/4	1,452.05	1/4	1,092.79	1/4	733.92	1/4	374.63	1/4	24.69	1/4		1/4	
1/2	2,522.46	1/2	2,163.17	1/2	1,803.87	1/2	1,444.57	1/2	1,085.31	1/2	726.43	1/2	367.14	1/2	20.95	1/2		1/2	
3/4	2,514.98	3/4	2,155.68	3/4	1,796.38	3/4	1,437.08	3/4	1,077.83	3/4	718.94	3/4	359.66	3/4		3/4		3/4	
4	2,507.49	4	2,148.19	4	1,788.90	4	1,429.60	4	1,070.36	4	711.46	4	352.17	4		4		4	
1/4	2,500.01	1/4	2,140.71	1/4	1,781.41	1/4	1,422.11	1/4	1,062.88	1/4	703.97	1/4	344.68	1/4		1/4		1/4	
1/2	2,492.52	1/2	2,133.22	1/2	1,773.92	1/2	1,414.63	1/2	1,055.41	1/2	696.49	1/2	337.20	1/2		1/2		1/2	
3/4	2,485.04	3/4	2,125.74	3/4	1,766.44	3/4	1,407.14	3/4	1,047.94	3/4	689.00	3/4	329.71	3/4		3/4		3/4	
5	2,477.55	5	2,118.25	5	1,758.95	5	1,399.65	5	1,040.46	5	681.52	5	322.23	5	5	5		5	
1/4	2,470.07	1/4	2,110.77	1/4	1,751.47	1/4	1,392.17	1/4	1,032.99	1/4	674.03	1/4	314.74	1/4		1/4		1/4	
1/2	2,462.58	1/2	2,103.28	1/2	1,743.98	1/2	1,384.68	1/2	1,025.52	1/2	666.55	1/2	307.26	1/2		1/2		1/2	
3/4	2,455.10	3/4	2,095.80	3/4	1,736.50	3/4	1,377.20	3/4	1,018.05	3/4	659.06	3/4	299.77	3/4		3/4		3/4	
6	2,447.61	6	2,088.31	6	1,729.01	6	1,369.71	6	1,010.57	6	651.58	6	292.29	6	6	6		6	
1/4	2,440.13	1/4	2,080.83	1/4	1,721.53	1/4	1,362.23	1/4	1,003.10	1/4	644.09	1/4	284.80	1/4		1/4		1/4	
1/2	2,432.64	1/2	2,073.34	1/2	1,714.04	1/2	1,354.74	1/2	995.63	1/2	636.61	1/2	277.32	1/2		1/2		1/2	
3/4	2,425.15	3/4	2,065.86	3/4	1,706.56	3/4	1,347.26	3/4	988.16	3/4	629.12	3/4	269.83	3/4		3/4		3/4	
7	2,417.67	7	2,058.37	7	1,699.07	7	1,339.77	7	980.68	7	621.64	7	262.35	7	7	7		7	
1/4	2,410.18	1/4	2,050.88	1/4	1,691.59	1/4	1,332.29	1/4	973.21	1/4	614.15	1/4	254.86	1/4		1/4		1/4	
1/2	2,402.70	1/2	2,043.40	1/2	1,684.10	1/2	1,324.80	1/2	965.74	1/2	606.67	1/2	247.38	1/2		1/2		1/2	
3/4	2,395.21	3/4	2,035.91	3/4	1,676.61	3/4	1,317.32	3/4	958.27	3/4	599.18	3/4	239.89	3/4		3/4		3/4	
8	2,387.73	8	2,028.43	8	1,669.13	8	1,309.83	8	950.79	8	591.70	8	232.41	8	8	8		8	
1/4	2,380.24	1/4	2,020.94	1/4	1,661.64	1/4	1,302.34	1/4	943.32	1/4	584.21	1/4	224.92	1/4		1/4		1/4	
1/2	2,372.76	1/2	2,013.46	1/2	1,654.16	1/2	1,294.86	1/2	935.85	1/2	576.73	1/2	217.44	1/2		1/2		1/2	
3/4	2,365.27	3/4	2,005.97	3/4	1,646.67	3/4	1,287.37	3/4	928.38	3/4	569.24	3/4	209.95	3/4		3/4		3/4	
9	2,357.79	9	1,998.49	9	1,639.19	9	1,279.89	9	920.90	9	561.76	9	202.47	9	9	9		9	
1/4	2,350.30	1/4	1,991.00	1/4	1,631.70	1/4	1,272.40	1/4	913.43	1/4	554.27	1/4	194.98	1/4		1/4		1/4	
1/2	2,342.81	1/2	1,983.52	1/2	1,624.22	1/2	1,264.92	1/2	905.96	1/2	546.79	1/2	187.50	1/2		1/2		1/2	
3/4	2,335.33	3/4	1,976.03	3/4	1,616.73	3/4	1,257.43	3/4	898.49	3/4	539.30	3/4	180.01	3/4		3/4		3/4	
10	2,327.84	10	1,968.54	10	1,609.25	10	1,249.95	10	891.01	10	531.81	10	172.53	10	10	10		10	
1/4	2,320.36	1/4	1,961.06	1/4	1,601.76	1/4	1,242.46	1/4	883.54	1/4	524.33	1/4	165.04	1/4		1/4		1/4	
1/2	2,312.87	1/2	1,953.57	1/2	1,594.27	1/2	1,234.98	1/2	876.07	1/2	516.84	1/2	157.55	1/2		1/2		1/2	
3/4	2,305.39	3/4	1,946.09	3/4	1,586.79	3/4	1,227.49	3/4	868.60	3/4	509.36	3/4	150.07	3/4		3/4		3/4	
11	2,297.90	11	1,938.60	11	1,579.30	11	1,220.00	11	861.13	11	501.87	11	142.58	11	11	11		11	
1/4	2,290.42	1/4	1,931.12	1/4	1,571.82	1/4	1,212.52	1/4	853.65	1/4	494.39	1/4	135.10	1/4		1/4		1/4	
1/2	2,282.93	1/2	1,923.63	1/2	1,564.33	1/2	1,205.03	1/2	846.17	1/2	486.90	1/2	127.61	1/2		1/2		1/2	
3/4	2,275.45	3/4	1,916.15	3/4	1,556.85	3/4	1,197.55	3/4	838.70	3/4	479.42	3/4	120.13	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/30/2013 SW  
RECALCULATED: 02/19/2019 CL  
VERIFIED: 01/31/2024 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2024

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "HTCO 3115"

## 3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,381.70	0	4,135.40	0	3,888.24	0	3,641.03	0	3,316.92	0	2,960.56
1/4		1/4		1/4		1/4		1/4	4,376.59	1/4	4,130.26	1/4	3,883.09	1/4	3,635.88	1/4	3,309.51	1/4	2,953.13
1/2		1/2		1/2		1/2		1/2	4,371.48	1/2	4,125.13	1/2	3,877.94	1/2	3,630.73	1/2	3,302.11	1/2	2,945.70
3/4		3/4		3/4		3/4		3/4	4,366.37	3/4	4,119.98	3/4	3,872.79	3/4	3,625.58	3/4	3,294.70	3/4	2,938.27
1		1		1		1		1	4,361.26	1	4,114.84	1	3,867.64	1	3,620.43	1	3,287.29	1	2,930.84
1/4		1/4		1/4		1/4		1/4	4,589.72	1/4	4,356.16	1/4	4,109.70	1/4	3,862.49	1/4	3,615.28	1/4	3,279.88
1/2		1/2		1/2		1/2		1/2	4,587.27	1/2	4,351.05	1/2	4,104.56	1/2	3,857.34	1/2	3,610.13	1/2	3,272.48
3/4		3/4		3/4		3/4		3/4	4,583.76	3/4	4,345.93	3/4	4,099.41	3/4	3,852.19	3/4	3,604.98	3/4	3,265.06
2		2		2		2		2	4,580.24	2	4,340.80	2	4,094.26	2	3,847.04	2	3,599.83	2	3,257.64
1/4		1/4		1/4		1/4		1/4	4,576.73	1/4	4,335.68	1/4	4,089.11	1/4	3,841.89	1/4	3,594.68	1/4	3,250.23
1/2		1/2		1/2		1/2		1/2	4,573.22	1/2	4,330.56	1/2	4,083.95	1/2	3,836.74	1/2	3,589.53	1/2	3,242.81
3/4		3/4		3/4		3/4		3/4	4,568.70	3/4	4,325.42	3/4	4,078.80	3/4	3,831.59	3/4	3,583.80	3/4	3,235.38
3		3		3		3		3	4,564.19	3	4,320.29	3	4,073.65	3	3,826.44	3	3,578.08	3	3,227.95
1/4		1/4		1/4		1/4		1/4	4,559.68	1/4	4,315.15	1/4	4,068.50	1/4	3,821.29	1/4	3,572.35	1/4	3,220.53
1/2		1/2		1/2		1/2		1/2	4,555.17	1/2	4,310.02	1/2	4,063.35	1/2	3,816.14	1/2	3,566.63	1/2	3,213.10
3/4		3/4		3/4		3/4		3/4	4,550.12	3/4	4,304.88	3/4	4,058.20	3/4	3,810.99	3/4	3,559.77	3/4	3,205.67
4		4		4		4		4	4,545.08	4	4,299.74	4	4,053.05	4	3,805.84	4	3,552.91	4	3,198.24
1/4		1/4		1/4		1/4		1/4	4,540.03	1/4	4,294.61	1/4	4,047.90	1/4	3,800.69	1/4	3,546.05	1/4	3,190.82
1/2		1/2		1/2		1/2		1/2	4,534.99	1/2	4,289.47	1/2	4,042.75	1/2	3,795.54	1/2	3,539.19	1/2	3,183.39
3/4		3/4		3/4		3/4		3/4	4,529.88	3/4	4,284.34	3/4	4,037.60	3/4	3,790.39	3/4	3,531.77	3/4	3,175.96
5		5		5		5		5	4,524.77	5	4,279.20	5	4,032.45	5	3,785.24	5	3,524.35	5	3,168.53
1/4		1/4		1/4		1/4		1/4	4,519.66	1/4	4,274.06	1/4	4,027.30	1/4	3,780.09	1/4	3,516.94	1/4	3,161.11
1/2		1/2		1/2		1/2		1/2	4,514.54	1/2	4,268.93	1/2	4,022.15	1/2	3,774.94	1/2	3,509.52	1/2	3,153.68
3/4		3/4		3/4		3/4		3/4	4,509.43	3/4	4,263.79	3/4	4,017.00	3/4	3,769.79	3/4	3,502.11	3/4	3,146.25
6		6		6		6		6	4,504.32	6	4,258.66	6	4,011.85	6	3,764.64	6	3,494.69	6	3,138.82
1/4		1/4		1/4		1/4		1/4	4,499.21	1/4	4,253.52	1/4	4,006.70	1/4	3,759.49	1/4	3,487.28	1/4	3,131.40
1/2		1/2		1/2		1/2		1/2	4,494.10	1/2	4,248.39	1/2	4,001.55	1/2	3,754.34	1/2	3,479.87	1/2	3,123.97
3/4		3/4		3/4		3/4		3/4	4,488.99	3/4	4,243.25	3/4	3,996.40	3/4	3,749.19	3/4	3,472.46	3/4	3,116.54
7		7		7		7		7	4,483.88	7	4,238.11	7	3,991.25	7	3,744.04	7	3,465.05	7	3,109.11
1/4		1/4		1/4		1/4		1/4	4,478.77	1/4	4,232.98	1/4	3,986.10	1/4	3,738.88	1/4	3,457.65	1/4	3,101.69
1/2		1/2		1/2		1/2		1/2	4,473.65	1/2	4,227.84	1/2	3,980.95	1/2	3,733.73	1/2	3,450.24	1/2	3,094.26
3/4		3/4		3/4		3/4		3/4	4,468.55	3/4	4,222.71	3/4	3,975.80	3/4	3,728.58	3/4	3,442.83	3/4	3,086.83
8		8		8		8		8	4,463.44	8	4,217.57	8	3,970.65	8	3,723.43	8	3,435.43	8	3,079.40
1/4		1/4		1/4		1/4		1/4	4,458.33	1/4	4,212.44	1/4	3,965.50	1/4	3,718.28	1/4	3,428.02	1/4	3,071.98
1/2		1/2		1/2		1/2		1/2	4,453.22	1/2	4,207.30	1/2	3,960.35	1/2	3,713.13	1/2	3,420.61	1/2	3,064.55
3/4		3/4		3/4		3/4		3/4	4,448.11	3/4	4,202.16	3/4	3,955.20	3/4	3,707.98	3/4	3,413.21	3/4	3,057.12
9		9		9		9		9	4,443.00	9	4,197.03	9	3,950.05	9	3,702.83	9	3,405.80	9	3,049.69
1/4		1/4		1/4		1/4		1/4	4,437.89	1/4	4,191.89	1/4	3,944.90	1/4	3,697.68	1/4	3,398.39	1/4	3,042.27
1/2		1/2		1/2		1/2		1/2	4,432.78	1/2	4,186.76	1/2	3,939.75	1/2	3,692.53	1/2	3,390.99	1/2	3,034.84
3/4		3/4		3/4		3/4		3/4	4,427.68	3/4	4,181.62	3/4	3,934.60	3/4	3,687.38	3/4	3,383.58	3/4	3,027.41
10		10		10		10		10	4,422.57	10	4,176.48	10	3,929.45	10	3,682.23	10	3,376.17	10	3,019.98
1/4		1/4		1/4		1/4		1/4	4,417.46	1/4	4,171.35	1/4	3,924.30	1/4	3,677.08	1/4	3,368.77	1/4	3,012.56
1/2		1/2		1/2		1/2		1/2	4,412.35	1/2	4,166.21	1/2	3,919.15	1/2	3,671.93	1/2	3,361.36	1/2	3,005.13
3/4		3/4		3/4		3/4		3/4	4,407.24	3/4	4,161.08	3/4	3,913.99	3/4	3,666.78	3/4	3,353.95	3/4	2,997.70
11		11		11		11		11	4,402.13	11	4,155.94	11	3,908.84	11	3,661.63	11	3,346.55	11	2,990.27
1/4		1/4		1/4		1/4		1/4	4,397.02	1/4	4,150.81	1/4	3,903.69	1/4	3,656.48	1/4	3,339.14	1/4	2,982.85
1/2		1/2		1/2		1/2		1/2	4,391.92	1/2	4,145.67	1/2	3,898.54	1/2	3,651.33	1/2	3,331.73	1/2	2,975.42
3/4		3/4		3/4		3/4		3/4	4,386.81	3/4	4,140.53	3/4	3,893.39	3/4	3,646.18	3/4	3,324.33	3/4	2,967.99

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 12'-07" OFF CENTERLINE AND 41'-00" FORWARD OF AFT BULKHEAD.

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



# BARGE "HTCO 3115"

## 3 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-03 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
	2,603.91		2,248.17		1,894.10		1,537.16		1,180.37		833.74		476.77		119.60				
1/4	2,596.47	1/4	2,240.78	1/4	1,886.69	1/4	1,529.72	1/4	1,173.04	1/4	826.42	1/4	469.33	1/4	112.15	1/4		1/4	
1/2	2,589.04	1/2	2,233.40	1/2	1,879.28	1/2	1,522.28	1/2	1,165.70	1/2	819.09	1/2	461.89	1/2	104.70	1/2		1/2	
3/4	2,581.60	3/4	2,226.02	3/4	1,871.85	3/4	1,514.85	3/4	1,158.48	3/4	811.65	3/4	454.45	3/4	97.25	3/4		3/4	
1	2,574.16	1	2,218.65	1	1,864.41	1	1,507.41	1	1,151.25	1	804.21	1	447.01	1	89.80	1		1	
1/4	2,566.73	1/4	2,211.27	1/4	1,856.97	1/4	1,499.97	1/4	1,144.02	1/4	796.77	1/4	439.57	1/4	82.35	1/4		1/4	
1/2	2,559.29	1/2	2,203.90	1/2	1,849.53	1/2	1,492.53	1/2	1,136.80	1/2	789.32	1/2	432.13	1/2	74.90	1/2		1/2	
3/4	2,551.85	3/4	2,196.52	3/4	1,842.10	3/4	1,485.10	3/4	1,129.58	3/4	781.88	3/4	424.69	3/4	67.91	3/4		3/4	
2	2,544.41	2	2,189.15	2	1,834.66	2	1,477.66	2	1,122.35	2	774.44	2	417.25	2	60.93	2		2	
1/4	2,536.98	1/4	2,181.77	1/4	1,827.22	1/4	1,470.22	1/4	1,115.13	1/4	767.00	1/4	409.81	1/4	53.94	1/4		1/4	
1/2	2,529.54	1/2	2,174.40	1/2	1,819.78	1/2	1,462.78	1/2	1,107.91	1/2	759.56	1/2	402.37	1/2	46.95	1/2		1/2	
3/4	2,522.10	3/4	2,167.02	3/4	1,812.35	3/4	1,455.35	3/4	1,100.70	3/4	752.12	3/4	394.93	3/4	41.36	3/4		3/4	
3	2,514.67	3	2,159.65	3	1,804.91	3	1,447.91	3	1,093.48	3	744.67	3	387.49	3	35.77	3		3	
1/4	2,507.23	1/4	2,152.28	1/4	1,797.47	1/4	1,440.47	1/4	1,086.27	1/4	737.23	1/4	380.05	1/4	30.18	1/4		1/4	
1/2	2,499.79	1/2	2,144.90	1/2	1,790.03	1/2	1,433.03	1/2	1,079.05	1/2	729.79	1/2	372.61	1/2	24.59	1/2		1/2	
3/4	2,492.37	3/4	2,137.53	3/4	1,782.60	3/4	1,425.60	3/4	1,071.84	3/4	722.35	3/4	365.17	3/4	20.86	3/4		3/4	
4	2,484.95	4	2,130.15	4	1,775.16	4	1,418.16	4	1,064.63	4	714.91	4	357.73	4		4		4	
1/4	2,477.53	1/4	2,122.78	1/4	1,767.72	1/4	1,410.72	1/4	1,057.42	1/4	707.46	1/4	350.29	1/4		1/4		1/4	
1/2	2,470.12	1/2	2,115.40	1/2	1,760.28	1/2	1,403.28	1/2	1,050.21	1/2	700.02	1/2	342.84	1/2		1/2		1/2	
3/4	2,462.72	3/4	2,108.03	3/4	1,752.85	3/4	1,395.85	3/4	1,043.00	3/4	692.58	3/4	335.40	3/4		3/4		3/4	
5	2,455.32	5	2,100.65	5	1,745.41	5	1,388.41	5	1,035.79	5	685.14	5	327.96	5		5		5	
1/4	2,447.92	1/4	2,093.28	1/4	1,737.97	1/4	1,380.97	1/4	1,028.58	1/4	677.70	1/4	320.52	1/4		1/4		1/4	
1/2	2,440.52	1/2	2,085.90	1/2	1,730.53	1/2	1,373.53	1/2	1,021.37	1/2	670.26	1/2	313.08	1/2		1/2		1/2	
3/4	2,433.12	3/4	2,078.53	3/4	1,723.10	3/4	1,366.10	3/4	1,014.17	3/4	662.81	3/4	305.64	3/4		3/4		3/4	
6	2,425.72	6	2,071.15	6	1,715.66	6	1,358.66	6	1,006.96	6	655.37	6	298.20	6		6		6	
1/4	2,418.32	1/4	2,063.78	1/4	1,708.22	1/4	1,351.22	1/4	999.75	1/4	647.93	1/4	290.76	1/4		1/4		1/4	
1/2	2,410.92	1/2	2,056.41	1/2	1,700.78	1/2	1,343.78	1/2	992.54	1/2	640.49	1/2	283.32	1/2		1/2		1/2	
3/4	2,403.53	3/4	2,049.03	3/4	1,693.35	3/4	1,336.35	3/4	985.34	3/4	633.05	3/4	275.88	3/4		3/4		3/4	
7	2,396.13	7	2,041.66	7	1,685.91	7	1,328.91	7	978.13	7	625.61	7	268.44	7		7		7	
1/4	2,388.73	1/4	2,034.28	1/4	1,678.47	1/4	1,321.47	1/4	970.92	1/4	618.16	1/4	261.00	1/4		1/4		1/4	
1/2	2,381.33	1/2	2,026.91	1/2	1,671.03	1/2	1,314.03	1/2	963.71	1/2	610.72	1/2	253.56	1/2		1/2		1/2	
3/4	2,373.93	3/4	2,019.53	3/4	1,663.60	3/4	1,306.60	3/4	956.51	3/4	603.28	3/4	246.12	3/4		3/4		3/4	
8	2,366.53	8	2,012.16	8	1,656.16	8	1,299.16	8	949.30	8	595.84	8	238.68	8		8		8	
1/4	2,359.13	1/4	2,004.78	1/4	1,648.72	1/4	1,291.72	1/4	942.09	1/4	588.40	1/4	231.24	1/4		1/4		1/4	
1/2	2,351.73	1/2	1,997.41	1/2	1,641.28	1/2	1,284.28	1/2	934.88	1/2	580.96	1/2	223.80	1/2		1/2		1/2	
3/4	2,344.33	3/4	1,990.03	3/4	1,633.85	3/4	1,276.85	3/4	927.67	3/4	573.51	3/4	216.35	3/4		3/4		3/4	
9	2,336.93	9	1,982.66	9	1,626.41	9	1,269.41	9	920.47	9	566.07	9	208.91	9		9		9	
1/4	2,329.54	1/4	1,975.28	1/4	1,618.97	1/4	1,261.97	1/4	913.26	1/4	558.63	1/4	201.47	1/4		1/4		1/4	
1/2	2,322.14	1/2	1,967.91	1/2	1,611.53	1/2	1,254.53	1/2	906.05	1/2	551.19	1/2	194.03	1/2		1/2		1/2	
3/4	2,314.74	3/4	1,960.54	3/4	1,604.10	3/4	1,247.10	3/4	898.84	3/4	543.75	3/4	186.59	3/4		3/4		3/4	
10	2,307.34	10	1,953.16	10	1,596.66	10	1,239.66	10	891.64	10	536.31	10	179.14	10		10		10	
1/4	2,299.94	1/4	1,945.79	1/4	1,589.22	1/4	1,232.22	1/4	884.43	1/4	528.86	1/4	171.70	1/4		1/4		1/4	
1/2	2,292.54	1/2	1,938.41	1/2	1,581.78	1/2	1,224.78	1/2	877.22	1/2	521.42	1/2	164.26	1/2		1/2		1/2	
3/4	2,285.14	3/4	1,931.04	3/4	1,574.35	3/4	1,217.35	3/4	870.01	3/4	513.98	3/4	156.82	3/4		3/4		3/4	
11	2,277.74	11	1,923.66	11	1,566.91	11	1,209.91	11	862.81	11	506.54	11	149.37	11		11		11	
1/4	2,270.34	1/4	1,916.29	1/4	1,559.47	1/4	1,202.47	1/4	855.60	1/4	499.10	1/4	141.93	1/4		1/4		1/4	
1/2	2,262.94	1/2	1,908.91	1/2	1,552.03	1/2	1,195.03	1/2	848.39	1/2	491.66	1/2	134.49	1/2		1/2		1/2	
3/4	2,255.56	3/4	1,901.51	3/4	1,544.60	3/4	1,187.70	3/4	841.07	3/4	484.21	3/4	127.04	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/30/2013 SW  
RECALCULATED: 02/19/2019 CL  
VERIFIED: 01/31/2024 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2024

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



# BARGE "HTCO 3115"

## 3 STBD

### ULLAGE TABLE

### HERMETIC

GAUGE HEIGHT 17'-03 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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		0	4,398.39	0	4,151.99	0	3,904.75	0	3,657.47	0	3,330.64	0	2,973.48
1/4		1/4		1/4		1/4		1/4	4,393.28	1/4	4,146.85	1/4	3,899.60	1/4	3,652.32	1/4	3,323.22	1/4	2,966.04
1/2		1/2		1/2		1/2		1/2	4,388.17	1/2	4,141.71	1/2	3,894.45	1/2	3,647.17	1/2	3,315.80	1/2	2,958.59
3/4		3/4		3/4		3/4		3/4	4,383.06	3/4	4,136.56	3/4	3,889.29	3/4	3,642.02	3/4	3,308.37	3/4	2,951.15
1		1		1		1	4,611.58	1	4,377.95	1	4,131.41	1	3,884.14	1	3,636.87	1	3,300.95	1	2,943.70
1/4		1/4		1/4		1/4	4,609.13	1/4	4,372.84	1/4	4,126.27	1/4	3,878.99	1/4	3,631.71	1/4	3,293.53	1/4	2,936.25
1/2		1/2		1/2		1/2	4,605.62	1/2	4,367.71	1/2	4,121.12	1/2	3,873.84	1/2	3,626.56	1/2	3,286.09	1/2	2,928.81
3/4		3/4		3/4		3/4	4,602.10	3/4	4,362.59	3/4	4,115.96	3/4	3,868.69	3/4	3,621.41	3/4	3,278.66	3/4	2,921.36
2		2		2		2	4,598.59	2	4,357.47	2	4,110.81	2	3,863.54	2	3,616.26	2	3,271.23	2	2,913.91
1/4		1/4		1/4		1/4	4,595.07	1/4	4,352.34	1/4	4,105.66	1/4	3,858.38	1/4	3,611.11	1/4	3,263.79	1/4	2,906.47
1/2		1/2		1/2		1/2	4,590.56	1/2	4,347.20	1/2	4,100.51	1/2	3,853.23	1/2	3,605.38	1/2	3,256.35	1/2	2,899.02
3/4		3/4		3/4		3/4	4,586.04	3/4	4,342.07	3/4	4,095.36	3/4	3,848.08	3/4	3,599.66	3/4	3,248.91	3/4	2,891.57
3		3		3		3	4,581.53	3	4,336.93	3	4,090.21	3	3,842.93	3	3,593.93	3	3,241.46	3	2,884.13
1/4		1/4		1/4		1/4	4,577.01	1/4	4,331.79	1/4	4,085.05	1/4	3,837.78	1/4	3,588.20	1/4	3,234.02	1/4	2,876.68
1/2		1/2		1/2		1/2	4,571.97	1/2	4,326.66	1/2	4,079.90	1/2	3,832.63	1/2	3,581.34	1/2	3,226.58	1/2	2,869.23
3/4		3/4		3/4		3/4	4,566.92	3/4	4,321.52	3/4	4,074.75	3/4	3,827.47	3/4	3,574.48	3/4	3,219.13	3/4	2,861.79
4		4		4		4	4,561.87	4	4,316.38	4	4,069.60	4	3,822.32	4	3,567.62	4	3,211.69	4	2,854.34
1/4		1/4		1/4		1/4	4,556.83	1/4	4,311.24	1/4	4,064.45	1/4	3,817.17	1/4	3,560.76	1/4	3,204.24	1/4	2,846.89
1/2		1/2		1/2		1/2	4,551.72	1/2	4,306.11	1/2	4,059.30	1/2	3,812.02	1/2	3,553.34	1/2	3,196.80	1/2	2,839.45
3/4		3/4		3/4		3/4	4,546.60	3/4	4,300.97	3/4	4,054.15	3/4	3,806.87	3/4	3,545.91	3/4	3,189.36	3/4	2,832.00
5		5		5		5	4,541.49	5	4,295.83	5	4,048.99	5	3,801.72	5	3,538.49	5	3,181.91	5	2,824.55
1/4		1/4		1/4		1/4	4,536.38	1/4	4,290.70	1/4	4,043.84	1/4	3,796.57	1/4	3,531.07	1/4	3,174.47	1/4	2,817.11
1/2		1/2		1/2		1/2	4,531.27	1/2	4,285.56	1/2	4,038.69	1/2	3,791.41	1/2	3,523.64	1/2	3,167.02	1/2	2,809.66
3/4		3/4		3/4		3/4	4,526.15	3/4	4,280.42	3/4	4,033.54	3/4	3,786.26	3/4	3,516.22	3/4	3,159.58	3/4	2,802.22
6		6		6		6	4,521.04	6	4,275.28	6	4,028.39	6	3,781.11	6	3,508.80	6	3,152.14	6	2,794.77
1/4		1/4		1/4		1/4	4,515.93	1/4	4,270.15	1/4	4,023.24	1/4	3,775.96	1/4	3,501.37	1/4	3,144.69	1/4	2,787.32
1/2		1/2		1/2		1/2	4,510.82	1/2	4,265.01	1/2	4,018.08	1/2	3,770.81	1/2	3,493.95	1/2	3,137.25	1/2	2,779.88
3/4		3/4		3/4		3/4	4,505.70	3/4	4,259.87	3/4	4,012.93	3/4	3,765.66	3/4	3,486.53	3/4	3,129.81	3/4	2,772.43
7		7		7		7	4,500.59	7	4,254.74	7	4,007.78	7	3,760.50	7	3,479.11	7	3,122.36	7	2,764.98
1/4		1/4		1/4		1/4	4,495.48	1/4	4,249.60	1/4	4,002.63	1/4	3,755.35	1/4	3,471.68	1/4	3,114.92	1/4	2,757.54
1/2		1/2		1/2		1/2	4,490.37	1/2	4,244.46	1/2	3,997.48	1/2	3,750.20	1/2	3,464.26	1/2	3,107.47	1/2	2,750.09
3/4		3/4		3/4		3/4	4,485.26	3/4	4,239.32	3/4	3,992.33	3/4	3,745.05	3/4	3,456.84	3/4	3,100.03	3/4	2,742.64
8		8		8		8	4,480.15	8	4,234.19	8	3,987.17	8	3,739.90	8	3,449.41	8	3,092.59	8	2,735.20
1/4		1/4		1/4		1/4	4,475.03	1/4	4,229.05	1/4	3,982.02	1/4	3,734.75	1/4	3,441.99	1/4	3,085.14	1/4	2,727.75
1/2		1/2		1/2		1/2	4,469.92	1/2	4,223.91	1/2	3,976.87	1/2	3,729.59	1/2	3,434.57	1/2	3,077.70	1/2	2,720.30
3/4		3/4		3/4		3/4	4,464.81	3/4	4,218.77	3/4	3,971.72	3/4	3,724.44	3/4	3,427.14	3/4	3,070.26	3/4	2,712.86
9		9		9		9	4,459.70	9	4,213.64	9	3,966.57	9	3,719.29	9	3,419.72	9	3,062.81	9	2,705.41
1/4		1/4		1/4		1/4	4,454.60	1/4	4,208.50	1/4	3,961.42	1/4	3,714.14	1/4	3,412.30	1/4	3,055.37	1/4	2,697.96
1/2		1/2		1/2		1/2	4,449.49	1/2	4,203.36	1/2	3,956.26	1/2	3,708.99	1/2	3,404.87	1/2	3,047.92	1/2	2,690.52
3/4		3/4		3/4		3/4	4,444.38	3/4	4,198.23	3/4	3,951.11	3/4	3,703.84	3/4	3,397.45	3/4	3,040.48	3/4	2,683.07
10		10		10		10	4,439.27	10	4,193.09	10	3,945.96	10	3,698.68	10	3,390.03	10	3,033.04	10	2,675.62
1/4		1/4		1/4		1/4	4,434.16	1/4	4,187.95	1/4	3,940.81	1/4	3,693.53	1/4	3,382.61	1/4	3,025.59	1/4	2,668.18
1/2		1/2		1/2		1/2	4,429.05	1/2	4,182.81	1/2	3,935.66	1/2	3,688.38	1/2	3,375.18	1/2	3,018.15	1/2	2,660.73
3/4		3/4		3/4		3/4	4,423.94	3/4	4,177.68	3/4	3,930.51	3/4	3,683.23	3/4	3,367.76	3/4	3,010.70	3/4	2,653.29
11		11		11		11	4,418.83	11	4,172.54	11	3,925.36	11	3,678.08	11	3,360.34	11	3,003.26	11	2,645.84
1/4		1/4		1/4		1/4	4,413.72	1/4	4,167.40	1/4	3,920.20	1/4	3,672.93	1/4	3,352.91	1/4	2,995.82	1/4	2,638.39
1/2		1/2		1/2		1/2	4,408.61	1/2	4,162.27	1/2	3,915.05	1/2	3,667.78	1/2	3,345.49	1/2	2,988.37	1/2	2,630.94
3/4		3/4		3/4		3/4	4,403.50	3/4	4,157.13	3/4	3,909.90	3/4	3,662.62	3/4	3,338.07	3/4	2,980.93	3/4	2,623.49

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'-07" OFF CENTERLINE AND 41'-00" 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 3115"

## 3 STBD

### ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-03 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	2,616.04	0	2,258.26	0	1,900.49	0	1,542.71	0	1,184.93	0	827.70	0	469.94	0	112.17	0		0	
1/4	2,608.59	1/4	2,250.81	1/4	1,893.03	1/4	1,535.25	1/4	1,177.48	1/4	820.25	1/4	462.48	1/4	104.71	1/4		1/4	
1/2	2,601.13	1/2	2,243.36	1/2	1,885.58	1/2	1,527.80	1/2	1,170.02	1/2	812.80	1/2	455.03	1/2	97.26	1/2		1/2	
3/4	2,593.68	3/4	2,235.90	3/4	1,878.12	3/4	1,520.35	3/4	1,162.57	3/4	805.34	3/4	447.58	3/4	89.81	3/4		3/4	
1	2,586.23	1	2,228.45	1	1,870.67	1	1,512.89	1	1,155.12	1	797.89	1	440.12	1	82.35	1		1	
1/4	2,578.77	1/4	2,220.99	1/4	1,863.22	1/4	1,505.44	1/4	1,147.66	1/4	790.44	1/4	432.67	1/4	74.90	1/4		1/4	
1/2	2,571.32	1/2	2,213.54	1/2	1,855.76	1/2	1,497.99	1/2	1,140.21	1/2	782.98	1/2	425.21	1/2	67.91	1/2		1/2	
3/4	2,563.86	3/4	2,206.09	3/4	1,848.31	3/4	1,490.53	3/4	1,132.76	3/4	775.53	3/4	417.76	3/4	60.92	3/4		3/4	
2	2,556.41	2	2,198.63	2	1,840.86	2	1,483.08	2	1,125.31	2	768.08	2	410.31	2	53.94	2		2	
1/4	2,548.96	1/4	2,191.18	1/4	1,833.40	1/4	1,475.62	1/4	1,117.86	1/4	760.62	1/4	402.85	1/4	46.95	1/4		1/4	
1/2	2,541.50	1/2	2,183.73	1/2	1,825.95	1/2	1,468.17	1/2	1,110.42	1/2	753.17	1/2	395.40	1/2	41.36	1/2		1/2	
3/4	2,534.05	3/4	2,176.27	3/4	1,818.49	3/4	1,460.72	3/4	1,102.97	3/4	745.72	3/4	387.95	3/4	35.77	3/4		3/4	
3	2,526.60	3	2,168.82	3	1,811.04	3	1,453.26	3	1,095.53	3	738.26	3	380.49	3	30.18	3		3	
1/4	2,519.14	1/4	2,161.36	1/4	1,803.59	1/4	1,445.81	1/4	1,088.08	1/4	730.81	1/4	373.04	1/4	24.59	1/4		1/4	
1/2	2,511.69	1/2	2,153.91	1/2	1,796.13	1/2	1,438.36	1/2	1,080.64	1/2	723.35	1/2	365.59	1/2	20.86	1/2		1/2	
3/4	2,504.23	3/4	2,146.46	3/4	1,788.68	3/4	1,430.90	3/4	1,073.20	3/4	715.90	3/4	358.13	3/4		3/4		3/4	
4	2,496.78	4	2,139.00	4	1,781.23	4	1,423.45	4	1,065.75	4	708.45	4	350.68	4		4		4	
1/4	2,489.33	1/4	2,131.55	1/4	1,773.77	1/4	1,415.99	1/4	1,058.31	1/4	700.99	1/4	343.23	1/4		1/4		1/4	
1/2	2,481.87	1/2	2,124.10	1/2	1,766.32	1/2	1,408.54	1/2	1,050.87	1/2	693.54	1/2	335.77	1/2		1/2		1/2	
3/4	2,474.42	3/4	2,116.64	3/4	1,758.86	3/4	1,401.09	3/4	1,043.43	3/4	686.09	3/4	328.32	3/4		3/4		3/4	
5	2,466.97	5	2,109.19	5	1,751.41	5	1,393.63	5	1,036.00	5	678.63	5	320.87	5		5		5	
1/4	2,459.51	1/4	2,101.73	1/4	1,743.96	1/4	1,386.18	1/4	1,028.56	1/4	671.18	1/4	313.41	1/4		1/4		1/4	
1/2	2,452.06	1/2	2,094.28	1/2	1,736.50	1/2	1,378.73	1/2	1,021.12	1/2	663.73	1/2	305.96	1/2		1/2		1/2	
3/4	2,444.61	3/4	2,086.83	3/4	1,729.05	3/4	1,371.27	3/4	1,013.68	3/4	656.27	3/4	298.51	3/4		3/4		3/4	
6	2,437.15	6	2,079.37	6	1,721.60	6	1,363.82	6	1,006.24	6	648.82	6	291.05	6		6		6	
1/4	2,429.70	1/4	2,071.92	1/4	1,714.14	1/4	1,356.36	1/4	998.80	1/4	641.37	1/4	283.60	1/4		1/4		1/4	
1/2	2,422.24	1/2	2,064.47	1/2	1,706.69	1/2	1,348.91	1/2	991.37	1/2	633.91	1/2	276.14	1/2		1/2		1/2	
3/4	2,414.79	3/4	2,057.01	3/4	1,699.24	3/4	1,341.46	3/4	983.93	3/4	626.46	3/4	268.69	3/4		3/4		3/4	
7	2,407.34	7	2,049.56	7	1,691.78	7	1,334.00	7	976.49	7	619.01	7	261.24	7		7		7	
1/4	2,399.88	1/4	2,042.11	1/4	1,684.33	1/4	1,326.55	1/4	969.05	1/4	611.55	1/4	253.78	1/4		1/4		1/4	
1/2	2,392.43	1/2	2,034.65	1/2	1,676.87	1/2	1,319.10	1/2	961.61	1/2	604.10	1/2	246.33	1/2		1/2		1/2	
3/4	2,384.98	3/4	2,027.20	3/4	1,669.42	3/4	1,311.64	3/4	954.17	3/4	596.65	3/4	238.88	3/4		3/4		3/4	
8	2,377.52	8	2,019.74	8	1,661.97	8	1,304.19	8	946.73	8	589.19	8	231.42	8		8		8	
1/4	2,370.07	1/4	2,012.29	1/4	1,654.51	1/4	1,296.74	1/4	939.30	1/4	581.74	1/4	223.97	1/4		1/4		1/4	
1/2	2,362.61	1/2	2,004.84	1/2	1,647.06	1/2	1,289.28	1/2	931.86	1/2	574.28	1/2	216.52	1/2		1/2		1/2	
3/4	2,355.16	3/4	1,997.38	3/4	1,639.61	3/4	1,281.83	3/4	924.42	3/4	566.83	3/4	209.06	3/4		3/4		3/4	
9	2,347.71	9	1,989.93	9	1,632.15	9	1,274.37	9	916.98	9	559.38	9	201.61	9		9		9	
1/4	2,340.25	1/4	1,982.48	1/4	1,624.70	1/4	1,266.92	1/4	909.54	1/4	551.92	1/4	194.16	1/4		1/4		1/4	
1/2	2,332.80	1/2	1,975.02	1/2	1,617.24	1/2	1,259.47	1/2	902.10	1/2	544.47	1/2	186.70	1/2		1/2		1/2	
3/4	2,325.35	3/4	1,967.57	3/4	1,609.79	3/4	1,252.01	3/4	894.66	3/4	537.02	3/4	179.25	3/4		3/4		3/4	
10	2,317.89	10	1,960.11	10	1,602.34	10	1,244.56	10	887.23	10	529.56	10	171.80	10		10		10	
1/4	2,310.44	1/4	1,952.66	1/4	1,594.88	1/4	1,237.11	1/4	879.79	1/4	522.11	1/4	164.34	1/4		1/4		1/4	
1/2	2,302.98	1/2	1,945.21	1/2	1,587.43	1/2	1,229.65	1/2	872.35	1/2	514.66	1/2	156.89	1/2		1/2		1/2	
3/4	2,295.53	3/4	1,937.75	3/4	1,579.98	3/4	1,222.20	3/4	864.91	3/4	507.20	3/4	149.44	3/4		3/4		3/4	
11	2,288.08	11	1,930.30	11	1,572.52	11	1,214.74	11	857.47	11	499.75	11	141.98	11		11		11	
1/4	2,280.62	1/4	1,922.85	1/4	1,565.07	1/4	1,207.29	1/4	850.03	1/4	492.30	1/4	134.53	1/4		1/4		1/4	
1/2	2,273.17	1/2	1,915.39	1/2	1,557.61	1/2	1,199.84	1/2	842.59	1/2	484.84	1/2	127.07	1/2		1/2		1/2	
3/4	2,265.72	3/4	1,907.94	3/4	1,550.16	3/4	1,192.38	3/4	835.14	3/4	477.39	3/4	119.62	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/30/2013 SW  
RECALCULATED: 02/19/2019 CL  
VERIFIED: 01/31/2024 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2024

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





# BARGE "HTCO 3115"

# FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 3'-10"

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	
1/4	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	
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	
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	
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	
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.

STRAPPED: 12/30/2013 SW  
 CALCULATED: 12/31/2013 CL  
 VERIFIED: 01/31/2024 CL

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 01/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
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# BARGE "HTCO 3115"

## 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	
1/4	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	
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	
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	
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	
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	
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	

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: 12/30/2013 SW  
CALCULATED: 12/31/2013 CL  
VERIFIED: 01/31/2024 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2024

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 3115"

## 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	
1/4	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	
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	
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	
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	
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	
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	

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