



# BARGE "HTCO 3090"

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

LENGTH BETWEEN DRAFT MARKS: 237'-09"

December 2, 2022

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "HTCO 3090"

## 1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

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	4,684.67	0	4,328.07	0	3,970.23	0	3,612.35	0	3,254.48	0	2,896.58
1/4		1/4		1/4		1/4		1/4	4,677.28	1/4	4,320.63	1/4	3,962.78	1/4	3,604.90	1/4	3,247.02	1/4	2,889.12
1/2		1/2		1/2		1/2		1/2	4,669.88	1/2	4,313.18	1/2	3,955.32	1/2	3,597.44	1/2	3,239.56	1/2	2,881.66
3/4		3/4		3/4		3/4		3/4	5,005.81	3/4	4,662.49	3/4	4,305.73	3/4	3,947.87	3/4	3,589.99	3/4	3,232.11
1		1		1		1		1	5,001.08	1	4,655.09	1	4,298.29	1	3,940.41	1	3,582.53	1	3,224.65
1/4		1/4		1/4		1/4		1/4	4,995.28	1/4	4,647.68	1/4	4,290.83	1/4	3,932.95	1/4	3,575.08	1/4	3,217.20
1/2		1/2		1/2		1/2		1/2	4,989.48	1/2	4,640.27	1/2	4,283.38	1/2	3,925.50	1/2	3,567.62	1/2	3,209.74
3/4		3/4		3/4		3/4		3/4	4,983.68	3/4	4,632.85	3/4	4,275.92	3/4	3,918.04	3/4	3,560.16	3/4	3,202.29
2		2		2		2		2	4,977.88	2	4,625.44	2	4,268.47	2	3,910.59	2	3,552.71	2	3,194.83
1/4		1/4		1/4		1/4		1/4	4,971.08	1/4	4,618.00	1/4	4,261.01	1/4	3,903.13	1/4	3,545.25	1/4	3,187.37
1/2		1/2		1/2		1/2		1/2	4,964.28	1/2	4,610.57	1/2	4,253.55	1/2	3,895.68	1/2	3,537.80	1/2	3,179.92
3/4		3/4		3/4		3/4		3/4	4,957.48	3/4	4,603.14	3/4	4,246.10	3/4	3,888.22	3/4	3,530.34	3/4	3,172.46
3		3		3		3		3	4,950.68	3	4,595.70	3	4,238.64	3	3,880.76	3	3,522.89	3	3,165.01
1/4		1/4		1/4		1/4		1/4	4,943.34	1/4	4,588.27	1/4	4,231.19	1/4	3,873.31	1/4	3,515.43	1/4	3,157.55
1/2		1/2		1/2		1/2		1/2	4,936.01	1/2	4,580.83	1/2	4,223.73	1/2	3,865.85	1/2	3,507.97	1/2	3,150.10
3/4		3/4		3/4		3/4		3/4	4,928.68	3/4	4,573.40	3/4	4,216.27	3/4	3,858.40	3/4	3,500.52	3/4	3,142.64
4		4		4		4		4	4,921.35	4	4,565.96	4	4,208.82	4	3,850.94	4	3,493.06	4	3,135.18
1/4		1/4		1/4		1/4		1/4	4,913.95	1/4	4,558.53	1/4	4,201.36	1/4	3,843.48	1/4	3,485.61	1/4	3,127.73
1/2		1/2		1/2		1/2		1/2	4,906.55	1/2	4,551.10	1/2	4,193.91	1/2	3,836.03	1/2	3,478.15	1/2	3,120.27
3/4		3/4		3/4		3/4		3/4	4,899.15	3/4	4,543.66	3/4	4,186.45	3/4	3,828.57	3/4	3,470.69	3/4	3,112.82
5		5		5		5		5	4,891.75	5	4,536.23	5	4,179.00	5	3,821.12	5	3,463.24	5	3,105.36
1/4		1/4		1/4		1/4		1/4	4,884.35	1/4	4,528.79	1/4	4,171.54	1/4	3,813.66	1/4	3,455.78	1/4	3,097.90
1/2		1/2		1/2		1/2		1/2	4,876.96	1/2	4,521.36	1/2	4,164.08	1/2	3,806.21	1/2	3,448.33	1/2	3,090.45
3/4		3/4		3/4		3/4		3/4	4,869.56	3/4	4,513.93	3/4	4,156.63	3/4	3,798.75	3/4	3,440.87	3/4	3,082.99
6		6		6		6		6	4,862.16	6	4,506.49	6	4,149.17	6	3,791.29	6	3,433.42	6	3,075.54
1/4		1/4		1/4		1/4		1/4	4,854.76	1/4	4,499.06	1/4	4,141.72	1/4	3,783.84	1/4	3,425.96	1/4	3,068.08
1/2		1/2		1/2		1/2		1/2	4,847.36	1/2	4,491.62	1/2	4,134.26	1/2	3,776.38	1/2	3,418.50	1/2	3,060.63
3/4		3/4		3/4		3/4		3/4	4,839.96	3/4	4,484.19	3/4	4,126.80	3/4	3,768.93	3/4	3,411.05	3/4	3,053.17
7		7		7		7		7	4,832.57	7	4,476.76	7	4,119.35	7	3,761.47	7	3,403.59	7	3,045.71
1/4		1/4		1/4		1/4		1/4	4,825.17	1/4	4,469.32	1/4	4,111.89	1/4	3,754.01	1/4	3,396.14	1/4	3,038.26
1/2		1/2		1/2		1/2		1/2	4,817.77	1/2	4,461.89	1/2	4,104.44	1/2	3,746.56	1/2	3,388.68	1/2	3,030.80
3/4		3/4		3/4		3/4		3/4	4,810.38	3/4	4,454.45	3/4	4,096.98	3/4	3,739.10	3/4	3,381.22	3/4	3,023.35
8		8		8		8		8	4,802.98	8	4,447.02	8	4,089.53	8	3,731.65	8	3,373.77	8	3,015.89
1/4		1/4		1/4		1/4		1/4	4,795.59	1/4	4,439.58	1/4	4,082.07	1/4	3,724.19	1/4	3,366.31	1/4	3,008.43
1/2		1/2		1/2		1/2		1/2	4,788.19	1/2	4,432.15	1/2	4,074.61	1/2	3,716.74	1/2	3,358.86	1/2	3,000.98
3/4		3/4		3/4		3/4		3/4	4,780.80	3/4	4,424.72	3/4	4,067.16	3/4	3,709.28	3/4	3,351.40	3/4	2,993.52
9		9		9		9		9	4,773.40	9	4,417.28	9	4,059.70	9	3,701.82	9	3,343.95	9	2,986.07
1/4		1/4		1/4		1/4		1/4	4,766.01	1/4	4,409.85	1/4	4,052.25	1/4	3,694.37	1/4	3,336.49	1/4	2,978.61
1/2		1/2		1/2		1/2		1/2	4,758.61	1/2	4,402.41	1/2	4,044.79	1/2	3,686.91	1/2	3,329.03	1/2	2,971.16
3/4		3/4		3/4		3/4		3/4	4,751.22	3/4	4,394.98	3/4	4,037.34	3/4	3,679.46	3/4	3,321.58	3/4	2,963.70
10		10		10		10		10	4,743.83	10	4,387.55	10	4,029.88	10	3,672.00	10	3,314.12	10	2,956.24
1/4		1/4		1/4		1/4		1/4	4,736.43	1/4	4,380.11	1/4	4,022.42	1/4	3,664.55	1/4	3,306.67	1/4	2,948.79
1/2		1/2		1/2		1/2		1/2	4,729.04	1/2	4,372.68	1/2	4,014.97	1/2	3,657.09	1/2	3,299.21	1/2	2,941.33
3/4		3/4		3/4		3/4		3/4	4,721.64	3/4	4,365.24	3/4	4,007.51	3/4	3,649.63	3/4	3,291.76	3/4	2,933.88
11		11		11		11		11	4,714.25	11	4,357.81	11	4,000.06	11	3,642.18	11	3,284.30	11	2,926.42
1/4		1/4		1/4		1/4		1/4	4,706.85	1/4	4,350.38	1/4	3,992.60	1/4	3,634.72	1/4	3,276.84	1/4	2,918.96
1/2		1/2		1/2		1/2		1/2	4,699.46	1/2	4,342.94	1/2	3,985.14	1/2	3,627.27	1/2	3,269.39	1/2	2,911.50
3/4		3/4		3/4		3/4		3/4	4,692.07	3/4	4,335.51	3/4	3,977.69	3/4	3,619.81	3/4	3,261.93	3/4	2,904.04

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'-09" OFF CENTERLINE AND 46'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092

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# BARGE "HTCO 3090"

## 1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,538.51	0	2,180.44	0	1,822.37	0	1,464.30	0	1,106.28	0	750.37	0	397.31	0	83.35	0		0	
1/4	2,531.05	1/4	2,172.98	1/4	1,814.91	1/4	1,456.84	1/4	1,098.85	1/4	742.91	1/4	390.34	1/4	77.32	1/4		1/4	
1/2	2,523.59	1/2	2,165.52	1/2	1,807.45	1/2	1,449.38	1/2	1,091.42	1/2	735.45	1/2	383.37	1/2	71.30	1/2		1/2	
3/4	2,516.13	3/4	2,158.06	3/4	1,799.99	3/4	1,441.92	3/4	1,083.99	3/4	727.99	3/4	376.40	3/4	65.27	3/4		3/4	
1	2,508.67	1	2,150.60	1	1,792.53	1	1,434.46	1	1,076.56	1	720.53	1	369.43	1	59.24	1		1	
1/4	2,501.21	1/4	2,143.14	1/4	1,785.07	1/4	1,427.00	1/4	1,069.14	1/4	713.07	1/4	362.54	1/4	53.77	1/4		1/4	
1/2	2,493.75	1/2	2,135.68	1/2	1,777.61	1/2	1,419.54	1/2	1,061.72	1/2	705.61	1/2	355.64	1/2	48.29	1/2		1/2	
3/4	2,486.29	3/4	2,128.22	3/4	1,770.15	3/4	1,412.08	3/4	1,054.29	3/4	698.15	3/4	348.75	3/4	42.81	3/4		3/4	
2	2,478.83	2	2,120.76	2	1,762.69	2	1,404.62	2	1,046.87	2	690.69	2	341.85	2	37.33	2		2	
1/4	2,471.37	1/4	2,113.30	1/4	1,755.23	1/4	1,397.16	1/4	1,039.45	1/4	683.23	1/4	335.03	1/4	33.33	1/4		1/4	
1/2	2,463.91	1/2	2,105.84	1/2	1,747.77	1/2	1,389.70	1/2	1,032.04	1/2	675.77	1/2	328.21	1/2	29.33	1/2		1/2	
3/4	2,456.45	3/4	2,098.38	3/4	1,740.31	3/4	1,382.24	3/4	1,024.62	3/4	668.31	3/4	321.38	3/4	25.34	3/4		3/4	
3	2,448.99	3	2,090.92	3	1,732.85	3	1,374.78	3	1,017.21	3	660.85	3	314.56	3	21.34	3		3	
1/4	2,441.53	1/4	2,083.46	1/4	1,725.39	1/4	1,367.32	1/4	1,009.79	1/4	653.39	1/4	307.82	1/4	18.42	1/4		1/4	
1/2	2,434.07	1/2	2,076.00	1/2	1,717.93	1/2	1,359.86	1/2	1,002.38	1/2	645.94	1/2	301.08	1/2		1/2		1/2	
3/4	2,426.61	3/4	2,068.54	3/4	1,710.47	3/4	1,352.40	3/4	994.97	3/4	638.48	3/4	294.34	3/4		3/4		3/4	
4	2,419.15	4	2,061.08	4	1,703.01	4	1,344.94	4	987.56	4	631.02	4	287.60	4		4		4	
1/4	2,411.69	1/4	2,053.62	1/4	1,695.55	1/4	1,337.48	1/4	980.15	1/4	623.56	1/4	280.94	1/4		1/4		1/4	
1/2	2,404.23	1/2	2,046.16	1/2	1,688.09	1/2	1,330.02	1/2	972.74	1/2	616.10	1/2	274.27	1/2		1/2		1/2	
3/4	2,396.77	3/4	2,038.70	3/4	1,680.63	3/4	1,322.56	3/4	965.33	3/4	608.64	3/4	267.61	3/4		3/4		3/4	
5	2,389.31	5	2,031.24	5	1,673.17	5	1,315.10	5	957.92	5	601.18	5	260.95	5		5		5	
1/4	2,381.85	1/4	2,023.78	1/4	1,665.71	1/4	1,307.64	1/4	950.51	1/4	593.72	1/4	254.37	1/4		1/4		1/4	
1/2	2,374.39	1/2	2,016.32	1/2	1,658.25	1/2	1,300.18	1/2	943.10	1/2	586.26	1/2	247.79	1/2		1/2		1/2	
3/4	2,366.93	3/4	2,008.86	3/4	1,650.79	3/4	1,292.72	3/4	935.69	3/4	578.80	3/4	241.21	3/4		3/4		3/4	
6	2,359.47	6	2,001.40	6	1,643.33	6	1,285.26	6	928.29	6	571.34	6	234.63	6		6		6	
1/4	2,352.01	1/4	1,993.94	1/4	1,635.87	1/4	1,277.80	1/4	920.88	1/4	563.90	1/4	228.14	1/4		1/4		1/4	
1/2	2,344.55	1/2	1,986.48	1/2	1,628.41	1/2	1,270.34	1/2	913.47	1/2	556.46	1/2	221.64	1/2		1/2		1/2	
3/4	2,337.09	3/4	1,979.02	3/4	1,620.95	3/4	1,262.88	3/4	906.06	3/4	549.03	3/4	215.14	3/4		3/4		3/4	
7	2,329.63	7	1,971.56	7	1,613.49	7	1,255.42	7	898.65	7	541.59	7	208.64	7		7		7	
1/4	2,322.17	1/4	1,964.10	1/4	1,606.03	1/4	1,247.96	1/4	891.24	1/4	534.21	1/4	202.22	1/4		1/4		1/4	
1/2	2,314.71	1/2	1,956.64	1/2	1,598.57	1/2	1,240.50	1/2	883.83	1/2	526.84	1/2	195.81	1/2		1/2		1/2	
3/4	2,307.25	3/4	1,949.18	3/4	1,591.11	3/4	1,233.04	3/4	876.42	3/4	519.46	3/4	189.39	3/4		3/4		3/4	
8	2,299.79	8	1,941.72	8	1,583.65	8	1,225.58	8	869.01	8	512.09	8	182.98	8		8		8	
1/4	2,292.33	1/4	1,934.26	1/4	1,576.19	1/4	1,218.12	1/4	861.60	1/4	504.79	1/4	176.63	1/4		1/4		1/4	
1/2	2,284.87	1/2	1,926.80	1/2	1,568.73	1/2	1,210.66	1/2	854.20	1/2	497.50	1/2	170.29	1/2		1/2		1/2	
3/4	2,277.41	3/4	1,919.34	3/4	1,561.27	3/4	1,203.20	3/4	846.79	3/4	490.20	3/4	163.95	3/4		3/4		3/4	
9	2,269.95	9	1,911.88	9	1,553.81	9	1,195.74	9	839.38	9	482.91	9	157.61	9		9		9	
1/4	2,262.49	1/4	1,904.42	1/4	1,546.35	1/4	1,188.28	1/4	831.97	1/4	475.69	1/4	151.34	1/4		1/4		1/4	
1/2	2,255.04	1/2	1,896.96	1/2	1,538.89	1/2	1,180.82	1/2	824.56	1/2	468.48	1/2	145.07	1/2		1/2		1/2	
3/4	2,247.58	3/4	1,889.50	3/4	1,531.43	3/4	1,173.36	3/4	817.15	3/4	461.27	3/4	138.80	3/4		3/4		3/4	
10	2,240.12	10	1,882.05	10	1,523.97	10	1,165.90	10	809.74	10	454.05	10	132.53	10		10		10	
1/4	2,232.66	1/4	1,874.59	1/4	1,516.51	1/4	1,158.44	1/4	802.33	1/4	446.92	1/4	126.34	1/4		1/4		1/4	
1/2	2,225.20	1/2	1,867.13	1/2	1,509.06	1/2	1,150.98	1/2	794.92	1/2	439.78	1/2	120.16	1/2		1/2		1/2	
3/4	2,217.74	3/4	1,859.67	3/4	1,501.60	3/4	1,143.52	3/4	787.52	3/4	432.65	3/4	113.97	3/4		3/4		3/4	
11	2,210.28	11	1,852.21	11	1,494.14	11	1,136.07	11	780.11	11	425.52	11	107.78	11		11		11	
1/4	2,202.82	1/4	1,844.75	1/4	1,486.68	1/4	1,128.62	1/4	772.67	1/4	418.47	1/4	101.67	1/4		1/4		1/4	
1/2	2,195.36	1/2	1,837.29	1/2	1,479.22	1/2	1,121.17	1/2	765.24	1/2	411.41	1/2	95.57	1/2		1/2		1/2	
3/4	2,187.90	3/4	1,829.83	3/4	1,471.76	3/4	1,113.73	3/4	757.80	3/4	404.36	3/4	89.46	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/04/2012 CL - SW  
RECALCULATED: 12/02/2022 CL  
REPRINTED: 12/02/2022 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2022

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "HTCO 3090"

## 1 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,541.16	0	2,182.96	0	1,824.76	0	1,466.56	0	1,108.36	0	750.66	0	397.53	0	83.40	0		0	
1/4	2,533.69	1/4	2,175.49	1/4	1,817.29	1/4	1,459.09	1/4	1,100.89	1/4	743.19	1/4	390.55	1/4	77.37	1/4		1/4	
1/2	2,526.23	1/2	2,168.03	1/2	1,809.83	1/2	1,451.63	1/2	1,093.43	1/2	735.73	1/2	383.58	1/2	71.34	1/2		1/2	
3/4	2,518.77	3/4	2,160.57	3/4	1,802.37	3/4	1,444.17	3/4	1,085.97	3/4	728.27	3/4	376.61	3/4	65.31	3/4		3/4	
1	2,511.31	1	2,153.11	1	1,794.91	1	1,436.71	1	1,078.51	1	720.81	1	369.63	1	59.28	1		1	
1/4	2,503.84	1/4	2,145.64	1/4	1,787.44	1/4	1,429.24	1/4	1,071.05	1/4	713.34	1/4	362.74	1/4	53.80	1/4		1/4	
1/2	2,496.38	1/2	2,138.18	1/2	1,779.98	1/2	1,421.78	1/2	1,063.59	1/2	705.88	1/2	355.84	1/2	48.32	1/2		1/2	
3/4	2,488.92	3/4	2,130.72	3/4	1,772.52	3/4	1,414.32	3/4	1,056.13	3/4	698.42	3/4	348.94	3/4	42.83	3/4		3/4	
2	2,481.46	2	2,123.26	2	1,765.06	2	1,406.86	2	1,048.67	2	690.96	2	342.04	2	37.35	2		2	
1/4	2,473.99	1/4	2,115.79	1/4	1,757.59	1/4	1,399.39	1/4	1,041.21	1/4	683.50	1/4	335.21	1/4	33.35	1/4		1/4	
1/2	2,466.53	1/2	2,108.33	1/2	1,750.13	1/2	1,391.93	1/2	1,033.76	1/2	676.03	1/2	328.39	1/2	29.35	1/2		1/2	
3/4	2,459.07	3/4	2,100.87	3/4	1,742.67	3/4	1,384.47	3/4	1,026.30	3/4	668.57	3/4	321.56	3/4	25.35	3/4		3/4	
3	2,451.61	3	2,093.41	3	1,735.21	3	1,377.01	3	1,018.85	3	661.11	3	314.74	3	21.35	3		3	
1/4	2,444.14	1/4	2,085.94	1/4	1,727.74	1/4	1,369.54	1/4	1,011.39	1/4	653.65	1/4	308.00	1/4	18.43	1/4		1/4	
1/2	2,436.68	1/2	2,078.48	1/2	1,720.28	1/2	1,362.08	1/2	1,003.94	1/2	646.18	1/2	301.25	1/2		1/2		1/2	
3/4	2,429.22	3/4	2,071.02	3/4	1,712.82	3/4	1,354.62	3/4	996.49	3/4	638.72	3/4	294.51	3/4		3/4		3/4	
4	2,421.76	4	2,063.56	4	1,705.36	4	1,347.16	4	989.04	4	631.26	4	287.76	4		4		4	
1/4	2,414.29	1/4	2,056.09	1/4	1,697.89	1/4	1,339.69	1/4	981.59	1/4	623.80	1/4	281.10	1/4		1/4		1/4	
1/2	2,406.83	1/2	2,048.63	1/2	1,690.43	1/2	1,332.23	1/2	974.14	1/2	616.33	1/2	274.43	1/2		1/2		1/2	
3/4	2,399.37	3/4	2,041.17	3/4	1,682.97	3/4	1,324.77	3/4	966.69	3/4	608.87	3/4	267.77	3/4		3/4		3/4	
5	2,391.91	5	2,033.71	5	1,675.51	5	1,317.31	5	959.24	5	601.41	5	261.10	5		5		5	
1/4	2,384.44	1/4	2,026.24	1/4	1,668.04	1/4	1,309.84	1/4	951.79	1/4	593.95	1/4	254.52	1/4		1/4		1/4	
1/2	2,376.98	1/2	2,018.78	1/2	1,660.58	1/2	1,302.38	1/2	944.35	1/2	586.49	1/2	247.94	1/2		1/2		1/2	
3/4	2,369.52	3/4	2,011.32	3/4	1,653.12	3/4	1,294.92	3/4	936.90	3/4	579.02	3/4	241.35	3/4		3/4		3/4	
6	2,362.06	6	2,003.86	6	1,645.66	6	1,287.46	6	929.45	6	571.56	6	234.77	6		6		6	
1/4	2,354.59	1/4	1,996.39	1/4	1,638.19	1/4	1,279.99	1/4	922.00	1/4	564.12	1/4	228.27	1/4		1/4		1/4	
1/2	2,347.13	1/2	1,988.93	1/2	1,630.73	1/2	1,272.53	1/2	914.55	1/2	556.69	1/2	221.77	1/2		1/2		1/2	
3/4	2,339.67	3/4	1,981.47	3/4	1,623.27	3/4	1,265.07	3/4	907.10	3/4	549.25	3/4	215.27	3/4		3/4		3/4	
7	2,332.21	7	1,974.01	7	1,615.81	7	1,257.61	7	899.65	7	541.82	7	208.76	7		7		7	
1/4	2,324.74	1/4	1,966.54	1/4	1,608.34	1/4	1,250.14	1/4	892.21	1/4	534.45	1/4	202.34	1/4		1/4		1/4	
1/2	2,317.28	1/2	1,959.08	1/2	1,600.88	1/2	1,242.68	1/2	884.76	1/2	527.08	1/2	195.92	1/2		1/2		1/2	
3/4	2,309.82	3/4	1,951.62	3/4	1,593.42	3/4	1,235.22	3/4	877.31	3/4	519.70	3/4	189.50	3/4		3/4		3/4	
8	2,302.36	8	1,944.16	8	1,585.96	8	1,227.76	8	869.86	8	512.33	8	183.08	8		8		8	
1/4	2,294.89	1/4	1,936.69	1/4	1,578.49	1/4	1,220.29	1/4	862.41	1/4	505.04	1/4	176.74	1/4		1/4		1/4	
1/2	2,287.43	1/2	1,929.23	1/2	1,571.03	1/2	1,212.83	1/2	854.96	1/2	497.75	1/2	170.39	1/2		1/2		1/2	
3/4	2,279.97	3/4	1,921.77	3/4	1,563.57	3/4	1,205.37	3/4	847.51	3/4	490.45	3/4	164.05	3/4		3/4		3/4	
9	2,272.51	9	1,914.31	9	1,556.11	9	1,197.91	9	840.07	9	483.16	9	157.70	9		9		9	
1/4	2,265.04	1/4	1,906.84	1/4	1,548.64	1/4	1,190.44	1/4	832.62	1/4	475.94	1/4	151.43	1/4		1/4		1/4	
1/2	2,257.58	1/2	1,899.38	1/2	1,541.18	1/2	1,182.98	1/2	825.17	1/2	468.72	1/2	145.16	1/2		1/2		1/2	
3/4	2,250.12	3/4	1,891.92	3/4	1,533.72	3/4	1,175.52	3/4	817.72	3/4	461.51	3/4	138.89	3/4		3/4		3/4	
10	2,242.66	10	1,884.46	10	1,526.26	10	1,168.06	10	810.27	10	454.29	10	132.61	10		10		10	
1/4	2,235.19	1/4	1,876.99	1/4	1,518.79	1/4	1,160.59	1/4	802.82	1/4	447.15	1/4	126.42	1/4		1/4		1/4	
1/2	2,227.73	1/2	1,869.53	1/2	1,511.33	1/2	1,153.13	1/2	795.37	1/2	440.02	1/2	120.23	1/2		1/2		1/2	
3/4	2,220.27	3/4	1,862.07	3/4	1,503.87	3/4	1,145.67	3/4	787.92	3/4	432.88	3/4	114.04	3/4		3/4		3/4	
11	2,212.81	11	1,854.61	11	1,496.41	11	1,138.21	11	780.48	11	425.74	11	107.85	11		11		11	
1/4	2,205.34	1/4	1,847.14	1/4	1,488.94	1/4	1,130.74	1/4	773.02	1/4	418.69	1/4	101.74	1/4		1/4		1/4	
1/2	2,197.88	1/2	1,839.68	1/2	1,481.48	1/2	1,123.28	1/2	765.57	1/2	411.64	1/2	95.62	1/2		1/2		1/2	
3/4	2,190.42	3/4	1,832.22	3/4	1,474.02	3/4	1,115.82	3/4	758.11	3/4	404.58	3/4	89.51	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/04/2012 CL - SW  
RECALCULATED: 12/02/2022 CL  
REPRINTED: 12/02/2022 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2022

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





# BARGE "HTCO 3090"

## 2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	2,613.31	0	2,254.01	0	1,894.72	0	1,535.43	0	1,176.56	0	831.05	0	471.92	0	112.64	0		0	
1/4	2,605.82	1/4	2,246.53	1/4	1,887.24	1/4	1,527.94	1/4	1,169.21	1/4	823.72	1/4	464.44	1/4	105.15	1/4		1/4	
1/2	2,598.34	1/2	2,239.04	1/2	1,879.75	1/2	1,520.46	1/2	1,162.01	1/2	816.24	1/2	456.95	1/2	97.67	1/2		1/2	
3/4	2,590.85	3/4	2,231.56	3/4	1,872.26	3/4	1,512.97	3/4	1,154.81	3/4	808.75	3/4	449.47	3/4	90.18	3/4		3/4	
1	2,583.37	1	2,224.07	1	1,864.78	1	1,505.48	1	1,147.60	1	801.27	1	441.98	1	82.70	1		1	
1/4	2,575.88	1/4	2,216.59	1/4	1,857.29	1/4	1,498.00	1/4	1,140.40	1/4	793.78	1/4	434.50	1/4	75.21	1/4		1/4	
1/2	2,568.40	1/2	2,209.10	1/2	1,849.81	1/2	1,490.51	1/2	1,133.21	1/2	786.30	1/2	427.01	1/2	68.20	1/2		1/2	
3/4	2,560.91	3/4	2,201.62	3/4	1,842.32	3/4	1,483.03	3/4	1,126.01	3/4	778.81	3/4	419.53	3/4	61.18	3/4		3/4	
2	2,553.43	2	2,194.13	2	1,834.84	2	1,475.54	2	1,118.81	2	771.33	2	412.04	2	54.16	2		2	
1/4	2,545.94	1/4	2,186.65	1/4	1,827.35	1/4	1,468.06	1/4	1,111.62	1/4	763.84	1/4	404.56	1/4	47.14	1/4		1/4	
1/2	2,538.46	1/2	2,179.16	1/2	1,819.87	1/2	1,460.57	1/2	1,104.43	1/2	756.36	1/2	397.07	1/2	41.53	1/2		1/2	
3/4	2,530.97	3/4	2,171.68	3/4	1,812.38	3/4	1,453.09	3/4	1,097.24	3/4	748.87	3/4	389.59	3/4	35.92	3/4		3/4	
3	2,523.49	3	2,164.19	3	1,804.90	3	1,445.60	3	1,090.05	3	741.39	3	382.10	3	30.30	3		3	
1/4	2,516.00	1/4	2,156.71	1/4	1,797.41	1/4	1,438.12	1/4	1,082.86	1/4	733.90	1/4	374.62	1/4	24.69	1/4		1/4	
1/2	2,508.51	1/2	2,149.22	1/2	1,789.93	1/2	1,430.63	1/2	1,075.68	1/2	726.42	1/2	367.13	1/2	20.95	1/2		1/2	
3/4	2,501.03	3/4	2,141.74	3/4	1,782.44	3/4	1,423.15	3/4	1,068.49	3/4	718.93	3/4	359.65	3/4		3/4		3/4	
4	2,493.54	4	2,134.25	4	1,774.96	4	1,415.66	4	1,061.31	4	711.45	4	352.16	4		4		4	
1/4	2,486.06	1/4	2,126.76	1/4	1,767.47	1/4	1,408.18	1/4	1,054.13	1/4	703.96	1/4	344.68	1/4		1/4		1/4	
1/2	2,478.57	1/2	2,119.28	1/2	1,759.99	1/2	1,400.69	1/2	1,046.94	1/2	696.48	1/2	337.19	1/2		1/2		1/2	
3/4	2,471.09	3/4	2,111.79	3/4	1,752.50	3/4	1,393.21	3/4	1,039.76	3/4	688.99	3/4	329.71	3/4		3/4		3/4	
5	2,463.60	5	2,104.31	5	1,745.01	5	1,385.72	5	1,032.58	5	681.51	5	322.22	5		5		5	
1/4	2,456.12	1/4	2,096.82	1/4	1,737.53	1/4	1,378.23	1/4	1,025.40	1/4	674.02	1/4	314.74	1/4		1/4		1/4	
1/2	2,448.63	1/2	2,089.34	1/2	1,730.04	1/2	1,370.75	1/2	1,018.22	1/2	666.54	1/2	307.25	1/2		1/2		1/2	
3/4	2,441.15	3/4	2,081.85	3/4	1,722.56	3/4	1,363.26	3/4	1,011.04	3/4	659.05	3/4	299.77	3/4		3/4		3/4	
6	2,433.66	6	2,074.37	6	1,715.07	6	1,355.78	6	1,003.86	6	651.57	6	292.28	6		6		6	
1/4	2,426.18	1/4	2,066.88	1/4	1,707.59	1/4	1,348.29	1/4	996.67	1/4	644.08	1/4	284.80	1/4		1/4		1/4	
1/2	2,418.69	1/2	2,059.40	1/2	1,700.10	1/2	1,340.81	1/2	989.49	1/2	636.60	1/2	277.31	1/2		1/2		1/2	
3/4	2,411.21	3/4	2,051.91	3/4	1,692.62	3/4	1,333.32	3/4	982.31	3/4	629.11	3/4	269.83	3/4		3/4		3/4	
7	2,403.72	7	2,044.43	7	1,685.13	7	1,325.84	7	975.13	7	621.63	7	262.34	7		7		7	
1/4	2,396.24	1/4	2,036.94	1/4	1,677.65	1/4	1,318.35	1/4	967.95	1/4	614.14	1/4	254.86	1/4		1/4		1/4	
1/2	2,388.75	1/2	2,029.46	1/2	1,670.16	1/2	1,310.87	1/2	960.77	1/2	606.66	1/2	247.37	1/2		1/2		1/2	
3/4	2,381.26	3/4	2,021.97	3/4	1,662.68	3/4	1,303.38	3/4	953.59	3/4	599.17	3/4	239.89	3/4		3/4		3/4	
8	2,373.78	8	2,014.49	8	1,655.19	8	1,295.90	8	946.40	8	591.69	8	232.40	8		8		8	
1/4	2,366.29	1/4	2,007.00	1/4	1,647.71	1/4	1,288.41	1/4	939.22	1/4	584.20	1/4	224.92	1/4		1/4		1/4	
1/2	2,358.81	1/2	1,999.51	1/2	1,640.22	1/2	1,280.93	1/2	932.04	1/2	576.72	1/2	217.43	1/2		1/2		1/2	
3/4	2,351.32	3/4	1,992.03	3/4	1,632.73	3/4	1,273.44	3/4	924.86	3/4	569.23	3/4	209.95	3/4		3/4		3/4	
9	2,343.84	9	1,984.54	9	1,625.25	9	1,265.96	9	917.68	9	561.74	9	202.46	9		9		9	
1/4	2,336.35	1/4	1,977.06	1/4	1,617.76	1/4	1,258.47	1/4	910.50	1/4	554.26	1/4	194.98	1/4		1/4		1/4	
1/2	2,328.87	1/2	1,969.57	1/2	1,610.28	1/2	1,250.98	1/2	903.32	1/2	546.77	1/2	187.49	1/2		1/2		1/2	
3/4	2,321.38	3/4	1,962.09	3/4	1,602.79	3/4	1,243.50	3/4	896.13	3/4	539.29	3/4	180.00	3/4		3/4		3/4	
10	2,313.90	10	1,954.60	10	1,595.31	10	1,236.01	10	888.95	10	531.80	10	172.52	10		10		10	
1/4	2,306.41	1/4	1,947.12	1/4	1,587.82	1/4	1,228.53	1/4	881.77	1/4	524.32	1/4	165.03	1/4		1/4		1/4	
1/2	2,298.93	1/2	1,939.63	1/2	1,580.34	1/2	1,221.04	1/2	874.59	1/2	516.83	1/2	157.55	1/2		1/2		1/2	
3/4	2,291.44	3/4	1,932.15	3/4	1,572.85	3/4	1,213.56	3/4	867.41	3/4	509.35	3/4	150.06	3/4		3/4		3/4	
11	2,283.96	11	1,924.66	11	1,565.37	11	1,206.07	11	860.23	11	501.86	11	142.58	11		11		11	
1/4	2,276.47	1/4	1,917.18	1/4	1,557.88	1/4	1,198.59	1/4	853.05	1/4	494.38	1/4	135.09	1/4		1/4		1/4	
1/2	2,268.99	1/2	1,909.69	1/2	1,550.40	1/2	1,191.24	1/2	845.72	1/2	486.89	1/2	127.61	1/2		1/2		1/2	
3/4	2,261.50	3/4	1,902.21	3/4	1,542.91	3/4	1,183.90	3/4	838.38	3/4	479.41	3/4	120.12	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/04/2012 CL - SW  
RECALCULATED: 12/02/2022 CL  
REPRINTED: 12/02/2022 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2022

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







# BARGE "HTCO 3090"

## 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	2,625.61	0	2,266.54	0	1,907.46	0	1,548.39	0	1,189.32	0	830.70	0	471.64	0	112.58	0		0	
1/4	2,618.13	1/4	2,259.06	1/4	1,899.98	1/4	1,540.91	1/4	1,181.84	1/4	823.22	1/4	464.16	1/4	105.10	1/4		1/4	
1/2	2,610.65	1/2	2,251.58	1/2	1,892.50	1/2	1,533.43	1/2	1,174.35	1/2	815.74	1/2	456.68	1/2	97.62	1/2		1/2	
3/4	2,603.17	3/4	2,244.10	3/4	1,885.02	3/4	1,525.95	3/4	1,166.87	3/4	808.26	3/4	449.20	3/4	90.14	3/4		3/4	
1	2,595.69	1	2,236.61	1	1,877.54	1	1,518.47	1	1,159.39	1	800.78	1	441.72	1	82.65	1		1	
1/4	2,588.21	1/4	2,229.13	1/4	1,870.06	1/4	1,510.99	1/4	1,151.91	1/4	793.30	1/4	434.24	1/4	75.17	1/4		1/4	
1/2	2,580.73	1/2	2,221.65	1/2	1,862.58	1/2	1,503.51	1/2	1,144.43	1/2	785.82	1/2	426.76	1/2	68.16	1/2		1/2	
3/4	2,573.25	3/4	2,214.17	3/4	1,855.10	3/4	1,496.03	3/4	1,136.96	3/4	778.34	3/4	419.28	3/4	61.15	3/4		3/4	
2	2,565.77	2	2,206.69	2	1,847.62	2	1,488.54	2	1,129.48	2	770.86	2	411.80	2	54.14	2		2	
1/4	2,558.28	1/4	2,199.21	1/4	1,840.14	1/4	1,481.06	1/4	1,122.00	1/4	763.38	1/4	404.32	1/4	47.12	1/4		1/4	
1/2	2,550.80	1/2	2,191.73	1/2	1,832.66	1/2	1,473.58	1/2	1,114.53	1/2	755.90	1/2	396.84	1/2	41.51	1/2		1/2	
3/4	2,543.32	3/4	2,184.25	3/4	1,825.18	3/4	1,466.10	3/4	1,107.05	3/4	748.42	3/4	389.36	3/4	35.90	3/4		3/4	
3	2,535.84	3	2,176.77	3	1,817.70	3	1,458.62	3	1,099.58	3	740.94	3	381.87	3	30.29	3		3	
1/4	2,528.36	1/4	2,169.29	1/4	1,810.21	1/4	1,451.14	1/4	1,092.10	1/4	733.46	1/4	374.39	1/4	24.68	1/4		1/4	
1/2	2,520.88	1/2	2,161.81	1/2	1,802.73	1/2	1,443.66	1/2	1,084.63	1/2	725.98	1/2	366.91	1/2	20.94	1/2		1/2	
3/4	2,513.40	3/4	2,154.33	3/4	1,795.25	3/4	1,436.18	3/4	1,077.16	3/4	718.50	3/4	359.43	3/4		3/4		3/4	
4	2,505.92	4	2,146.85	4	1,787.77	4	1,428.70	4	1,069.69	4	711.02	4	351.95	4		4		4	
1/4	2,498.44	1/4	2,139.37	1/4	1,780.29	1/4	1,421.22	1/4	1,062.21	1/4	703.54	1/4	344.47	1/4		1/4		1/4	
1/2	2,490.96	1/2	2,131.88	1/2	1,772.81	1/2	1,413.74	1/2	1,054.75	1/2	696.06	1/2	336.99	1/2		1/2		1/2	
3/4	2,483.48	3/4	2,124.40	3/4	1,765.33	3/4	1,406.26	3/4	1,047.28	3/4	688.58	3/4	329.51	3/4		3/4		3/4	
5	2,476.00	5	2,116.92	5	1,757.85	5	1,398.78	5	1,039.81	5	681.09	5	322.03	5		5		5	
1/4	2,468.52	1/4	2,109.44	1/4	1,750.37	1/4	1,391.30	1/4	1,032.34	1/4	673.61	1/4	314.55	1/4		1/4		1/4	
1/2	2,461.04	1/2	2,101.96	1/2	1,742.89	1/2	1,383.81	1/2	1,024.88	1/2	666.13	1/2	307.07	1/2		1/2		1/2	
3/4	2,453.55	3/4	2,094.48	3/4	1,735.41	3/4	1,376.33	3/4	1,017.41	3/4	658.65	3/4	299.59	3/4		3/4		3/4	
6	2,446.07	6	2,087.00	6	1,727.93	6	1,368.85	6	1,009.94	6	651.17	6	292.11	6		6		6	
1/4	2,438.59	1/4	2,079.52	1/4	1,720.45	1/4	1,361.37	1/4	1,002.47	1/4	643.69	1/4	284.63	1/4		1/4		1/4	
1/2	2,431.11	1/2	2,072.04	1/2	1,712.97	1/2	1,353.89	1/2	995.00	1/2	636.21	1/2	277.15	1/2		1/2		1/2	
3/4	2,423.63	3/4	2,064.56	3/4	1,705.48	3/4	1,346.41	3/4	987.54	3/4	628.73	3/4	269.67	3/4		3/4		3/4	
7	2,416.15	7	2,057.08	7	1,698.00	7	1,338.93	7	980.07	7	621.25	7	262.19	7		7		7	
1/4	2,408.67	1/4	2,049.60	1/4	1,690.52	1/4	1,331.45	1/4	972.60	1/4	613.77	1/4	254.71	1/4		1/4		1/4	
1/2	2,401.19	1/2	2,042.12	1/2	1,683.04	1/2	1,323.97	1/2	965.13	1/2	606.29	1/2	247.23	1/2		1/2		1/2	
3/4	2,393.71	3/4	2,034.64	3/4	1,675.56	3/4	1,316.49	3/4	957.67	3/4	598.81	3/4	239.75	3/4		3/4		3/4	
8	2,386.23	8	2,027.15	8	1,668.08	8	1,309.01	8	950.20	8	591.33	8	232.26	8		8		8	
1/4	2,378.75	1/4	2,019.67	1/4	1,660.60	1/4	1,301.53	1/4	942.73	1/4	583.85	1/4	224.78	1/4		1/4		1/4	
1/2	2,371.27	1/2	2,012.19	1/2	1,653.12	1/2	1,294.05	1/2	935.26	1/2	576.37	1/2	217.30	1/2		1/2		1/2	
3/4	2,363.79	3/4	2,004.71	3/4	1,645.64	3/4	1,286.57	3/4	927.80	3/4	568.89	3/4	209.82	3/4		3/4		3/4	
9	2,356.31	9	1,997.23	9	1,638.16	9	1,279.08	9	920.33	9	561.41	9	202.34	9		9		9	
1/4	2,348.82	1/4	1,989.75	1/4	1,630.68	1/4	1,271.60	1/4	912.86	1/4	553.93	1/4	194.86	1/4		1/4		1/4	
1/2	2,341.34	1/2	1,982.27	1/2	1,623.20	1/2	1,264.12	1/2	905.39	1/2	546.45	1/2	187.38	1/2		1/2		1/2	
3/4	2,333.86	3/4	1,974.79	3/4	1,615.72	3/4	1,256.64	3/4	897.92	3/4	538.97	3/4	179.90	3/4		3/4		3/4	
10	2,326.38	10	1,967.31	10	1,608.24	10	1,249.16	10	890.46	10	531.48	10	172.42	10		10		10	
1/4	2,318.90	1/4	1,959.83	1/4	1,600.75	1/4	1,241.68	1/4	882.99	1/4	524.00	1/4	164.94	1/4		1/4		1/4	
1/2	2,311.42	1/2	1,952.35	1/2	1,593.27	1/2	1,234.20	1/2	875.52	1/2	516.52	1/2	157.46	1/2		1/2		1/2	
3/4	2,303.94	3/4	1,944.87	3/4	1,585.79	3/4	1,226.72	3/4	868.05	3/4	509.04	3/4	149.98	3/4		3/4		3/4	
11	2,296.46	11	1,937.39	11	1,578.31	11	1,219.24	11	860.59	11	501.56	11	142.50	11		11		11	
1/4	2,288.98	1/4	1,929.91	1/4	1,570.83	1/4	1,211.76	1/4	853.12	1/4	494.08	1/4	135.02	1/4		1/4		1/4	
1/2	2,281.50	1/2	1,922.42	1/2	1,563.35	1/2	1,204.28	1/2	845.64	1/2	486.60	1/2	127.54	1/2		1/2		1/2	
3/4	2,274.02	3/4	1,914.94	3/4	1,555.87	3/4	1,196.80	3/4	838.17	3/4	479.12	3/4	120.06	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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# BARGE "HTCO 3090"

## 3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	2,596.39	0	2,240.71	0	1,886.63	0	1,529.67	0	1,173.00	0	826.39	0	469.32	0	112.14	0		0	
1/4	2,588.96	1/4	2,233.33	1/4	1,879.23	1/4	1,522.24	1/4	1,165.67	1/4	819.06	1/4	461.88	1/4	104.70	1/4		1/4	
1/2	2,581.52	1/2	2,225.95	1/2	1,871.79	1/2	1,514.80	1/2	1,158.44	1/2	811.62	1/2	454.43	1/2	97.25	1/2		1/2	
3/4	2,574.08	3/4	2,218.58	3/4	1,864.35	3/4	1,507.36	3/4	1,151.21	3/4	804.18	3/4	446.99	3/4	89.80	3/4		3/4	
1	2,566.65	1	2,211.20	1	1,856.92	1	1,499.93	1	1,143.99	1	796.74	1	439.55	1	82.35	1		1	
1/4	2,559.21	1/4	2,203.83	1/4	1,849.48	1/4	1,492.49	1/4	1,136.76	1/4	789.30	1/4	432.11	1/4	74.90	1/4		1/4	
1/2	2,551.77	1/2	2,196.46	1/2	1,842.04	1/2	1,485.05	1/2	1,129.54	1/2	781.86	1/2	424.67	1/2	67.91	1/2		1/2	
3/4	2,544.34	3/4	2,189.08	3/4	1,834.60	3/4	1,477.61	3/4	1,122.32	3/4	774.41	3/4	417.23	3/4	60.92	3/4		3/4	
2	2,536.90	2	2,181.71	2	1,827.17	2	1,470.18	2	1,115.10	2	766.97	2	409.79	2	53.93	2		2	
1/4	2,529.46	1/4	2,174.33	1/4	1,819.73	1/4	1,462.74	1/4	1,107.88	1/4	759.53	1/4	402.35	1/4	46.95	1/4		1/4	
1/2	2,522.02	1/2	2,166.96	1/2	1,812.29	1/2	1,455.30	1/2	1,100.66	1/2	752.09	1/2	394.91	1/2	41.36	1/2		1/2	
3/4	2,514.59	3/4	2,159.58	3/4	1,804.85	3/4	1,447.86	3/4	1,093.45	3/4	744.65	3/4	387.47	3/4	35.77	3/4		3/4	
3	2,507.15	3	2,152.21	3	1,797.42	3	1,440.43	3	1,086.23	3	737.21	3	380.03	3	30.18	3		3	
1/4	2,499.71	1/4	2,144.83	1/4	1,789.98	1/4	1,432.99	1/4	1,079.02	1/4	729.77	1/4	372.59	1/4	24.59	1/4		1/4	
1/2	2,492.29	1/2	2,137.46	1/2	1,782.54	1/2	1,425.55	1/2	1,071.80	1/2	722.32	1/2	365.15	1/2	20.86	1/2		1/2	
3/4	2,484.88	3/4	2,130.09	3/4	1,775.11	3/4	1,418.11	3/4	1,064.59	3/4	714.88	3/4	357.71	3/4		3/4		3/4	
4	2,477.46	4	2,122.71	4	1,767.67	4	1,410.68	4	1,057.38	4	707.44	4	350.27	4		4		4	
1/4	2,470.04	1/4	2,115.34	1/4	1,760.23	1/4	1,403.24	1/4	1,050.17	1/4	700.00	1/4	342.83	1/4		1/4		1/4	
1/2	2,462.64	1/2	2,107.96	1/2	1,752.79	1/2	1,395.80	1/2	1,042.96	1/2	692.56	1/2	335.39	1/2		1/2		1/2	
3/4	2,455.24	3/4	2,100.59	3/4	1,745.36	3/4	1,388.37	3/4	1,035.75	3/4	685.12	3/4	327.95	3/4		3/4		3/4	
5	2,447.84	5	2,093.21	5	1,737.92	5	1,380.93	5	1,028.55	5	677.68	5	320.51	5		5		5	
1/4	2,440.45	1/4	2,085.84	1/4	1,730.48	1/4	1,373.49	1/4	1,021.34	1/4	670.23	1/4	313.07	1/4		1/4		1/4	
1/2	2,433.05	1/2	2,078.46	1/2	1,723.04	1/2	1,366.05	1/2	1,014.13	1/2	662.79	1/2	305.63	1/2		1/2		1/2	
3/4	2,425.65	3/4	2,071.09	3/4	1,715.61	3/4	1,358.62	3/4	1,006.92	3/4	655.35	3/4	298.19	3/4		3/4		3/4	
6	2,418.25	6	2,063.72	6	1,708.17	6	1,351.18	6	999.72	6	647.91	6	290.75	6		6		6	
1/4	2,410.85	1/4	2,056.34	1/4	1,700.73	1/4	1,343.74	1/4	992.51	1/4	640.47	1/4	283.31	1/4		1/4		1/4	
1/2	2,403.45	1/2	2,048.97	1/2	1,693.29	1/2	1,336.30	1/2	985.30	1/2	633.03	1/2	275.87	1/2		1/2		1/2	
3/4	2,396.05	3/4	2,041.59	3/4	1,685.86	3/4	1,328.87	3/4	978.10	3/4	625.58	3/4	268.43	3/4		3/4		3/4	
7	2,388.65	7	2,034.22	7	1,678.42	7	1,321.43	7	970.89	7	618.14	7	260.99	7		7		7	
1/4	2,381.25	1/4	2,026.84	1/4	1,670.98	1/4	1,313.99	1/4	963.68	1/4	610.70	1/4	253.55	1/4		1/4		1/4	
1/2	2,373.86	1/2	2,019.47	1/2	1,663.55	1/2	1,306.56	1/2	956.47	1/2	603.26	1/2	246.11	1/2		1/2		1/2	
3/4	2,366.46	3/4	2,012.10	3/4	1,656.11	3/4	1,299.12	3/4	949.27	3/4	595.82	3/4	238.67	3/4		3/4		3/4	
8	2,359.06	8	2,004.72	8	1,648.67	8	1,291.68	8	942.06	8	588.38	8	231.23	8		8		8	
1/4	2,351.66	1/4	1,997.35	1/4	1,641.23	1/4	1,284.24	1/4	934.85	1/4	580.94	1/4	223.79	1/4		1/4		1/4	
1/2	2,344.26	1/2	1,989.97	1/2	1,633.80	1/2	1,276.81	1/2	927.64	1/2	573.49	1/2	216.34	1/2		1/2		1/2	
3/4	2,336.86	3/4	1,982.60	3/4	1,626.36	3/4	1,269.37	3/4	920.44	3/4	566.05	3/4	208.90	3/4		3/4		3/4	
9	2,329.46	9	1,975.22	9	1,618.92	9	1,261.93	9	913.23	9	558.61	9	201.46	9		9		9	
1/4	2,322.06	1/4	1,967.85	1/4	1,611.48	1/4	1,254.49	1/4	906.02	1/4	551.17	1/4	194.02	1/4		1/4		1/4	
1/2	2,314.67	1/2	1,960.47	1/2	1,604.05	1/2	1,247.06	1/2	898.81	1/2	543.73	1/2	186.58	1/2		1/2		1/2	
3/4	2,307.27	3/4	1,953.10	3/4	1,596.61	3/4	1,239.62	3/4	891.61	3/4	536.29	3/4	179.14	3/4		3/4		3/4	
10	2,299.87	10	1,945.73	10	1,589.17	10	1,232.18	10	884.40	10	528.85	10	171.69	10		10		10	
1/4	2,292.47	1/4	1,938.35	1/4	1,581.74	1/4	1,224.75	1/4	877.19	1/4	521.40	1/4	164.25	1/4		1/4		1/4	
1/2	2,285.07	1/2	1,930.98	1/2	1,574.30	1/2	1,217.31	1/2	869.98	1/2	513.96	1/2	156.81	1/2		1/2		1/2	
3/4	2,277.67	3/4	1,923.60	3/4	1,566.86	3/4	1,209.87	3/4	862.78	3/4	506.52	3/4	149.37	3/4		3/4		3/4	
11	2,270.27	11	1,916.23	11	1,559.42	11	1,202.43	11	855.57	11	499.08	11	141.92	11		11		11	
1/4	2,262.87	1/4	1,908.85	1/4	1,551.99	1/4	1,195.00	1/4	848.36	1/4	491.64	1/4	134.48	1/4		1/4		1/4	
1/2	2,255.49	1/2	1,901.45	1/2	1,544.55	1/2	1,187.66	1/2	841.04	1/2	484.20	1/2	127.04	1/2		1/2		1/2	
3/4	2,248.10	3/4	1,894.04	3/4	1,537.11	3/4	1,180.33	3/4	833.71	3/4	476.76	3/4	119.59	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/04/2012 CL - SW  
RECALCULATED: 12/02/2022 CL  
REPRINTED: 12/02/2022 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2022

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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Pearland, Texas 77588  
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# BARGE "HTCO 3090"

## 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	2,616.60	0	2,258.74	0	1,900.89	0	1,543.04	0	1,185.18	0	827.87	0	470.03	0	112.19	0		0	
1/4	2,609.14	1/4	2,251.29	1/4	1,893.43	1/4	1,535.58	1/4	1,177.73	1/4	820.42	1/4	462.58	1/4	104.73	1/4		1/4	
1/2	2,601.69	1/2	2,243.83	1/2	1,885.98	1/2	1,528.12	1/2	1,170.27	1/2	812.97	1/2	455.12	1/2	97.28	1/2		1/2	
3/4	2,594.23	3/4	2,236.38	3/4	1,878.52	3/4	1,520.67	3/4	1,162.82	3/4	805.51	3/4	447.67	3/4	89.82	3/4		3/4	
1	2,586.78	1	2,228.92	1	1,871.07	1	1,513.21	1	1,155.36	1	798.06	1	440.21	1	82.37	1		1	
1/4	2,579.32	1/4	2,221.47	1/4	1,863.61	1/4	1,505.76	1/4	1,147.90	1/4	790.60	1/4	432.76	1/4	74.91	1/4		1/4	
1/2	2,571.87	1/2	2,214.01	1/2	1,856.16	1/2	1,498.30	1/2	1,140.45	1/2	783.15	1/2	425.30	1/2	67.92	1/2		1/2	
3/4	2,564.41	3/4	2,206.56	3/4	1,848.70	3/4	1,490.85	3/4	1,133.00	3/4	775.69	3/4	417.85	3/4	60.93	3/4		3/4	
2	2,556.96	2	2,199.10	2	1,841.25	2	1,483.39	2	1,125.55	2	768.24	2	410.39	2	53.95	2		2	
1/4	2,549.50	1/4	2,191.65	1/4	1,833.79	1/4	1,475.94	1/4	1,118.10	1/4	760.78	1/4	402.94	1/4	46.96	1/4		1/4	
1/2	2,542.05	1/2	2,184.19	1/2	1,826.34	1/2	1,468.48	1/2	1,110.65	1/2	753.33	1/2	395.48	1/2	41.36	1/2		1/2	
3/4	2,534.59	3/4	2,176.74	3/4	1,818.88	3/4	1,461.03	3/4	1,103.20	3/4	745.87	3/4	388.03	3/4	35.77	3/4		3/4	
3	2,527.14	3	2,169.28	3	1,811.43	3	1,453.57	3	1,095.76	3	738.42	3	380.57	3	30.18	3		3	
1/4	2,519.68	1/4	2,161.83	1/4	1,803.97	1/4	1,446.12	1/4	1,088.31	1/4	730.96	1/4	373.12	1/4	24.59	1/4		1/4	
1/2	2,512.22	1/2	2,154.37	1/2	1,796.52	1/2	1,438.66	1/2	1,080.87	1/2	723.51	1/2	365.66	1/2	20.87	1/2		1/2	
3/4	2,504.77	3/4	2,146.91	3/4	1,789.06	3/4	1,431.21	3/4	1,073.42	3/4	716.05	3/4	358.21	3/4		3/4		3/4	
4	2,497.31	4	2,139.46	4	1,781.61	4	1,423.75	4	1,065.98	4	708.60	4	350.75	4		4		4	
1/4	2,489.86	1/4	2,132.00	1/4	1,774.15	1/4	1,416.30	1/4	1,058.54	1/4	701.14	1/4	343.30	1/4		1/4		1/4	
1/2	2,482.40	1/2	2,124.55	1/2	1,766.69	1/2	1,408.84	1/2	1,051.10	1/2	693.69	1/2	335.84	1/2		1/2		1/2	
3/4	2,474.95	3/4	2,117.09	3/4	1,759.24	3/4	1,401.38	3/4	1,043.66	3/4	686.23	3/4	328.39	3/4		3/4		3/4	
5	2,467.49	5	2,109.64	5	1,751.78	5	1,393.93	5	1,036.22	5	678.78	5	320.93	5		5		5	
1/4	2,460.04	1/4	2,102.18	1/4	1,744.33	1/4	1,386.47	1/4	1,028.78	1/4	671.32	1/4	313.48	1/4		1/4		1/4	
1/2	2,452.58	1/2	2,094.73	1/2	1,736.87	1/2	1,379.02	1/2	1,021.34	1/2	663.87	1/2	306.02	1/2		1/2		1/2	
3/4	2,445.13	3/4	2,087.27	3/4	1,729.42	3/4	1,371.56	3/4	1,013.90	3/4	656.41	3/4	298.57	3/4		3/4		3/4	
6	2,437.67	6	2,079.82	6	1,721.96	6	1,364.11	6	1,006.46	6	648.96	6	291.11	6		6		6	
1/4	2,430.22	1/4	2,072.36	1/4	1,714.51	1/4	1,356.65	1/4	999.02	1/4	641.50	1/4	283.66	1/4		1/4		1/4	
1/2	2,422.76	1/2	2,064.91	1/2	1,707.05	1/2	1,349.20	1/2	991.58	1/2	634.05	1/2	276.20	1/2		1/2		1/2	
3/4	2,415.31	3/4	2,057.45	3/4	1,699.60	3/4	1,341.74	3/4	984.14	3/4	626.59	3/4	268.75	3/4		3/4		3/4	
7	2,407.85	7	2,050.00	7	1,692.14	7	1,334.29	7	976.70	7	619.14	7	261.29	7		7		7	
1/4	2,400.40	1/4	2,042.54	1/4	1,684.69	1/4	1,326.83	1/4	969.25	1/4	611.68	1/4	253.84	1/4		1/4		1/4	
1/2	2,392.94	1/2	2,035.09	1/2	1,677.23	1/2	1,319.38	1/2	961.81	1/2	604.23	1/2	246.38	1/2		1/2		1/2	
3/4	2,385.48	3/4	2,027.63	3/4	1,669.78	3/4	1,311.92	3/4	954.37	3/4	596.77	3/4	238.93	3/4		3/4		3/4	
8	2,378.03	8	2,020.17	8	1,662.32	8	1,304.47	8	946.93	8	589.31	8	231.47	8		8		8	
1/4	2,370.57	1/4	2,012.72	1/4	1,654.87	1/4	1,297.01	1/4	939.49	1/4	581.86	1/4	224.01	1/4		1/4		1/4	
1/2	2,363.12	1/2	2,005.26	1/2	1,647.41	1/2	1,289.56	1/2	932.05	1/2	574.40	1/2	216.56	1/2		1/2		1/2	
3/4	2,355.66	3/4	1,997.81	3/4	1,639.95	3/4	1,282.10	3/4	924.61	3/4	566.95	3/4	209.10	3/4		3/4		3/4	
9	2,348.21	9	1,990.35	9	1,632.50	9	1,274.64	9	917.17	9	559.49	9	201.65	9		9		9	
1/4	2,340.75	1/4	1,982.90	1/4	1,625.04	1/4	1,267.19	1/4	909.73	1/4	552.04	1/4	194.19	1/4		1/4		1/4	
1/2	2,333.30	1/2	1,975.44	1/2	1,617.59	1/2	1,259.73	1/2	902.29	1/2	544.58	1/2	186.74	1/2		1/2		1/2	
3/4	2,325.84	3/4	1,967.99	3/4	1,610.13	3/4	1,252.28	3/4	894.85	3/4	537.13	3/4	179.28	3/4		3/4		3/4	
10	2,318.39	10	1,960.53	10	1,602.68	10	1,244.82	10	887.41	10	529.67	10	171.83	10		10		10	
1/4	2,310.93	1/4	1,953.08	1/4	1,595.22	1/4	1,237.37	1/4	879.97	1/4	522.22	1/4	164.37	1/4		1/4		1/4	
1/2	2,303.48	1/2	1,945.62	1/2	1,587.77	1/2	1,229.91	1/2	872.53	1/2	514.76	1/2	156.92	1/2		1/2		1/2	
3/4	2,296.02	3/4	1,938.17	3/4	1,580.31	3/4	1,222.46	3/4	865.09	3/4	507.31	3/4	149.46	3/4		3/4		3/4	
11	2,288.57	11	1,930.71	11	1,572.86	11	1,215.00	11	857.65	11	499.85	11	142.01	11		11		11	
1/4	2,281.11	1/4	1,923.26	1/4	1,565.40	1/4	1,207.55	1/4	850.21	1/4	492.40	1/4	134.55	1/4		1/4		1/4	
1/2	2,273.65	1/2	1,915.80	1/2	1,557.95	1/2	1,200.09	1/2	842.77	1/2	484.94	1/2	127.10	1/2		1/2		1/2	
3/4	2,266.20	3/4	1,908.35	3/4	1,550.49	3/4	1,192.64	3/4	835.32	3/4	477.49	3/4	119.64	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/04/2012 CL - SW  
RECALCULATED: 12/02/2022 CL  
REPRINTED: 12/02/2022 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2022

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



# BARGE "HTCO 3090"

# FWD SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07 1/4"

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	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: 10/04/2012 CL - SW  
 RECALCULATED: 12/02/2022 CL  
 REPRINTED: 12/02/2022 JS

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 12/2022

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "HTCO 3090"

## 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	

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



# BARGE "HTCO 3090"

## FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE 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	
1/4	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 8" DIAMETER HATCH.

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