



BARGE "HTCO 3085"

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	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-1/2	00-1/2	- 00-1/2	00-1/2
1 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-1/2	00-1/2	- 00-1/2	00-1/2
2 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-1/2	00-1/2	- 00-1/2	00-1/2
2 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-1/2	00-1/2	- 00-1/2	00-1/2
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	- 00-1/2	00-1/2	- 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	- 00-1/2	00-1/2	- 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 4'-00 1/4"

LENGTH BETWEEN DRAFT MARKS: 237'-00"

June 1, 2022

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

<http://www.pmacorp.net>



BARGE "HTCO 3085"

1 PORT ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-04 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	4,751.43	0	4,394.54	0	4,037.66	0	3,680.78	0	3,323.90	0	2,967.02
1/4		1/4		1/4		1/4		1/4	4,744.00	1/4	4,387.11	1/4	4,030.23	1/4	3,673.35	1/4	3,316.47	1/4	2,959.59
1/2		1/2		1/2		1/2		1/2	4,736.56	1/2	4,379.67	1/2	4,022.79	1/2	3,665.91	1/2	3,309.03	1/2	2,952.15
3/4		3/4		3/4		3/4		3/4	4,729.13	3/4	4,372.24	3/4	4,015.36	3/4	3,658.48	3/4	3,301.60	3/4	2,944.72
1		1		1		1		1	4,721.69	1	4,364.80	1	4,007.92	1	3,651.04	1	3,294.16	1	2,937.28
1/4		1/4		1/4		1/4		1/4	4,714.26	1/4	4,357.37	1/4	4,000.49	1/4	3,643.61	1/4	3,286.73	1/4	2,929.85
1/2		1/2		1/2		1/2		1/2	4,706.82	1/2	4,349.93	1/2	3,993.05	1/2	3,636.17	1/2	3,279.29	1/2	2,922.41
3/4		3/4		3/4		3/4		3/4	4,699.39	3/4	4,342.50	3/4	3,985.62	3/4	3,628.74	3/4	3,271.86	3/4	2,914.98
2		2		2		2	5,035.86	2	4,691.95	2	4,335.06	2	3,978.18	2	3,621.30	2	3,264.42	2	2,907.54
1/4		1/4		1/4		1/4	5,031.34	1/4	4,684.52	1/4	4,327.63	1/4	3,970.75	1/4	3,613.87	1/4	3,256.99	1/4	2,900.11
1/2		1/2		1/2		1/2	5,025.68	1/2	4,677.08	1/2	4,320.19	1/2	3,963.31	1/2	3,606.43	1/2	3,249.55	1/2	2,892.67
3/4		3/4		3/4		3/4	5,020.02	3/4	4,669.65	3/4	4,312.76	3/4	3,955.88	3/4	3,599.00	3/4	3,242.12	3/4	2,885.24
3		3		3		3	5,014.37	3	4,662.21	3	4,305.32	3	3,948.44	3	3,591.56	3	3,234.68	3	2,877.80
1/4		1/4		1/4		1/4	5,008.71	1/4	4,654.78	1/4	4,297.89	1/4	3,941.01	1/4	3,584.13	1/4	3,227.25	1/4	2,870.37
1/2		1/2		1/2		1/2	5,001.92	1/2	4,647.34	1/2	4,290.45	1/2	3,933.57	1/2	3,576.69	1/2	3,219.81	1/2	2,862.93
3/4		3/4		3/4		3/4	4,995.13	3/4	4,639.91	3/4	4,283.02	3/4	3,926.14	3/4	3,569.26	3/4	3,212.38	3/4	2,855.50
4		4		4		4	4,988.34	4	4,632.47	4	4,275.58	4	3,918.70	4	3,561.82	4	3,204.94	4	2,848.06
1/4		1/4		1/4		1/4	4,981.55	1/4	4,625.04	1/4	4,268.15	1/4	3,911.27	1/4	3,554.39	1/4	3,197.51	1/4	2,840.63
1/2		1/2		1/2		1/2	4,974.21	1/2	4,617.60	1/2	4,260.71	1/2	3,903.83	1/2	3,546.95	1/2	3,190.07	1/2	2,833.19
3/4		3/4		3/4		3/4	4,966.86	3/4	4,610.17	3/4	4,253.28	3/4	3,896.40	3/4	3,539.52	3/4	3,182.64	3/4	2,825.76
5		5		5		5	4,959.52	5	4,602.73	5	4,245.84	5	3,888.96	5	3,532.08	5	3,175.20	5	2,818.32
1/4		1/4		1/4		1/4	4,952.18	1/4	4,595.30	1/4	4,238.41	1/4	3,881.53	1/4	3,524.65	1/4	3,167.77	1/4	2,810.89
1/2		1/2		1/2		1/2	4,944.74	1/2	4,587.86	1/2	4,230.97	1/2	3,874.09	1/2	3,517.21	1/2	3,160.33	1/2	2,803.45
3/4		3/4		3/4		3/4	4,937.31	3/4	4,580.43	3/4	4,223.54	3/4	3,866.66	3/4	3,509.78	3/4	3,152.90	3/4	2,796.02
6		6		6		6	4,929.87	6	4,572.99	6	4,216.10	6	3,859.22	6	3,502.34	6	3,145.46	6	2,788.58
1/4		1/4		1/4		1/4	4,922.44	1/4	4,565.56	1/4	4,208.67	1/4	3,851.79	1/4	3,494.91	1/4	3,138.03	1/4	2,781.15
1/2		1/2		1/2		1/2	4,915.00	1/2	4,558.12	1/2	4,201.23	1/2	3,844.35	1/2	3,487.47	1/2	3,130.59	1/2	2,773.71
3/4		3/4		3/4		3/4	4,907.57	3/4	4,550.69	3/4	4,193.80	3/4	3,836.92	3/4	3,480.04	3/4	3,123.16	3/4	2,766.28
7		7		7		7	4,900.13	7	4,543.25	7	4,186.36	7	3,829.48	7	3,472.60	7	3,115.72	7	2,758.84
1/4		1/4		1/4		1/4	4,892.70	1/4	4,535.82	1/4	4,178.93	1/4	3,822.05	1/4	3,465.17	1/4	3,108.29	1/4	2,751.41
1/2		1/2		1/2		1/2	4,885.26	1/2	4,528.38	1/2	4,171.49	1/2	3,814.61	1/2	3,457.73	1/2	3,100.85	1/2	2,743.97
3/4		3/4		3/4		3/4	4,877.83	3/4	4,520.95	3/4	4,164.06	3/4	3,807.18	3/4	3,450.30	3/4	3,093.42	3/4	2,736.54
8		8		8		8	4,870.39	8	4,513.51	8	4,156.62	8	3,799.74	8	3,442.86	8	3,085.98	8	2,729.10
1/4		1/4		1/4		1/4	4,862.96	1/4	4,506.08	1/4	4,149.19	1/4	3,792.31	1/4	3,435.43	1/4	3,078.55	1/4	2,721.67
1/2		1/2		1/2		1/2	4,855.52	1/2	4,498.64	1/2	4,141.75	1/2	3,784.87	1/2	3,427.99	1/2	3,071.11	1/2	2,714.23
3/4		3/4		3/4		3/4	4,848.09	3/4	4,491.20	3/4	4,134.32	3/4	3,777.44	3/4	3,420.56	3/4	3,063.68	3/4	2,706.80
9		9		9		9	4,840.65	9	4,483.76	9	4,126.88	9	3,770.00	9	3,413.12	9	3,056.24	9	2,699.36
1/4		1/4		1/4		1/4	4,833.22	1/4	4,476.33	1/4	4,119.45	1/4	3,762.57	1/4	3,405.69	1/4	3,048.81	1/4	2,691.93
1/2		1/2		1/2		1/2	4,825.78	1/2	4,468.89	1/2	4,112.01	1/2	3,755.13	1/2	3,398.25	1/2	3,041.37	1/2	2,684.49
3/4		3/4		3/4		3/4	4,818.35	3/4	4,461.46	3/4	4,104.58	3/4	3,747.70	3/4	3,390.82	3/4	3,033.94	3/4	2,677.06
10		10		10		10	4,810.91	10	4,454.02	10	4,097.14	10	3,740.26	10	3,383.38	10	3,026.50	10	2,669.62
1/4		1/4		1/4		1/4	4,803.48	1/4	4,446.59	1/4	4,089.71	1/4	3,732.83	1/4	3,375.95	1/4	3,019.07	1/4	2,662.19
1/2		1/2		1/2		1/2	4,796.04	1/2	4,439.15	1/2	4,082.27	1/2	3,725.39	1/2	3,368.51	1/2	3,011.63	1/2	2,654.75
3/4		3/4		3/4		3/4	4,788.61	3/4	4,431.72	3/4	4,074.84	3/4	3,717.96	3/4	3,361.08	3/4	3,004.20	3/4	2,647.32
11		11		11		11	4,781.17	11	4,424.28	11	4,067.40	11	3,710.52	11	3,353.64	11	2,996.76	11	2,639.88
1/4		1/4		1/4		1/4	4,773.74	1/4	4,416.85	1/4	4,059.97	1/4	3,703.09	1/4	3,346.21	1/4	2,989.33	1/4	2,632.45
1/2		1/2		1/2		1/2	4,766.30	1/2	4,409.41	1/2	4,052.53	1/2	3,695.65	1/2	3,338.77	1/2	2,981.89	1/2	2,625.01
3/4		3/4		3/4		3/4	4,758.87	3/4	4,401.98	3/4	4,045.10	3/4	3,688.22	3/4	3,331.34	3/4	2,974.46	3/4	2,617.58

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 41'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "HTCO 3085"

1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-04 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	2,610.14	0	2,253.26	0	1,896.38	0	1,539.50	0	1,182.62	0	825.74	0	468.01	0	125.24	0		0	
1/4	2,602.71	1/4	2,245.83	1/4	1,888.95	1/4	1,532.07	1/4	1,175.19	1/4	818.31	1/4	460.43	1/4	118.66	1/4		1/4	
1/2	2,595.27	1/2	2,238.39	1/2	1,881.51	1/2	1,524.63	1/2	1,167.75	1/2	810.87	1/2	452.94	1/2	112.16	1/2		1/2	
3/4	2,587.84	3/4	2,230.96	3/4	1,874.08	3/4	1,517.20	3/4	1,160.32	3/4	803.44	3/4	445.46	3/4	105.67	3/4		3/4	
1	2,580.40	1	2,223.52	1	1,866.64	1	1,509.76	1	1,152.89	1	796.00	1	437.98	1	99.17	1		1	
1/4	2,572.97	1/4	2,216.09	1/4	1,859.21	1/4	1,502.33	1/4	1,145.46	1/4	788.57	1/4	430.50	1/4	92.68	1/4		1/4	
1/2	2,565.53	1/2	2,208.65	1/2	1,851.77	1/2	1,494.89	1/2	1,138.02	1/2	781.13	1/2	423.04	1/2	86.21	1/2		1/2	
3/4	2,558.10	3/4	2,201.22	3/4	1,844.34	3/4	1,487.46	3/4	1,130.59	3/4	773.70	3/4	415.59	3/4	79.75	3/4		3/4	
2	2,550.66	2	2,193.78	2	1,836.90	2	1,480.02	2	1,123.15	2	766.26	2	408.14	2	73.28	2		2	
1/4	2,543.23	1/4	2,186.35	1/4	1,829.47	1/4	1,472.59	1/4	1,115.72	1/4	758.83	1/4	400.69	1/4	66.82	1/4		1/4	
1/2	2,535.79	1/2	2,178.91	1/2	1,822.03	1/2	1,465.15	1/2	1,108.28	1/2	751.39	1/2	393.33	1/2	60.56	1/2		1/2	
3/4	2,528.36	3/4	2,171.48	3/4	1,814.60	3/4	1,457.72	3/4	1,100.85	3/4	743.96	3/4	385.97	3/4	54.30	3/4		3/4	
3	2,520.92	3	2,164.04	3	1,807.16	3	1,450.28	3	1,093.41	3	736.52	3	378.61	3	48.04	3		3	
1/4	2,513.49	1/4	2,156.61	1/4	1,799.73	1/4	1,442.85	1/4	1,085.98	1/4	729.09	1/4	371.26	1/4	41.78	1/4		1/4	
1/2	2,506.05	1/2	2,149.17	1/2	1,792.29	1/2	1,435.41	1/2	1,078.54	1/2	721.65	1/2	363.93	1/2	36.84	1/2		1/2	
3/4	2,498.62	3/4	2,141.74	3/4	1,784.86	3/4	1,427.98	3/4	1,071.11	3/4	714.22	3/4	356.60	3/4	31.90	3/4		3/4	
4	2,491.18	4	2,134.30	4	1,777.42	4	1,420.54	4	1,063.67	4	706.78	4	349.27	4	26.96	4		4	
1/4	2,483.75	1/4	2,126.87	1/4	1,769.99	1/4	1,413.11	1/4	1,056.24	1/4	699.35	1/4	341.94	1/4	22.03	1/4		1/4	
1/2	2,476.31	1/2	2,119.43	1/2	1,762.55	1/2	1,405.67	1/2	1,048.80	1/2	691.91	1/2	334.70	1/2	18.62	1/2		1/2	
3/4	2,468.88	3/4	2,112.00	3/4	1,755.12	3/4	1,398.24	3/4	1,041.37	3/4	684.48	3/4	327.47	3/4		3/4		3/4	
5	2,461.44	5	2,104.56	5	1,747.68	5	1,390.80	5	1,033.93	5	677.04	5	320.23	5		5		5	
1/4	2,454.01	1/4	2,097.13	1/4	1,740.25	1/4	1,383.37	1/4	1,026.50	1/4	669.61	1/4	313.00	1/4		1/4		1/4	
1/2	2,446.57	1/2	2,089.69	1/2	1,732.81	1/2	1,375.93	1/2	1,019.06	1/2	662.17	1/2	305.79	1/2		1/2		1/2	
3/4	2,439.14	3/4	2,082.26	3/4	1,725.38	3/4	1,368.50	3/4	1,011.62	3/4	654.74	3/4	298.59	3/4		3/4		3/4	
6	2,431.70	6	2,074.82	6	1,717.94	6	1,361.06	6	1,004.18	6	647.30	6	291.39	6		6		6	
1/4	2,424.27	1/4	2,067.39	1/4	1,710.51	1/4	1,353.63	1/4	996.75	1/4	639.87	1/4	284.19	1/4		1/4		1/4	
1/2	2,416.83	1/2	2,059.95	1/2	1,703.07	1/2	1,346.19	1/2	989.31	1/2	632.43	1/2	277.08	1/2		1/2		1/2	
3/4	2,409.40	3/4	2,052.52	3/4	1,695.64	3/4	1,338.76	3/4	981.88	3/4	625.00	3/4	269.97	3/4		3/4		3/4	
7	2,401.96	7	2,045.08	7	1,688.20	7	1,331.32	7	974.44	7	617.56	7	262.86	7		7		7	
1/4	2,394.53	1/4	2,037.65	1/4	1,680.77	1/4	1,323.89	1/4	967.01	1/4	610.13	1/4	255.76	1/4		1/4		1/4	
1/2	2,387.09	1/2	2,030.21	1/2	1,673.33	1/2	1,316.45	1/2	959.57	1/2	602.69	1/2	248.68	1/2		1/2		1/2	
3/4	2,379.66	3/4	2,022.78	3/4	1,665.90	3/4	1,309.02	3/4	952.14	3/4	595.26	3/4	241.60	3/4		3/4		3/4	
8	2,372.22	8	2,015.34	8	1,658.46	8	1,301.58	8	944.70	8	587.82	8	234.52	8		8		8	
1/4	2,364.79	1/4	2,007.91	1/4	1,651.03	1/4	1,294.15	1/4	937.27	1/4	580.39	1/4	227.45	1/4		1/4		1/4	
1/2	2,357.35	1/2	2,000.47	1/2	1,643.59	1/2	1,286.71	1/2	929.83	1/2	572.95	1/2	220.46	1/2		1/2		1/2	
3/4	2,349.92	3/4	1,993.04	3/4	1,636.16	3/4	1,279.28	3/4	922.40	3/4	565.52	3/4	213.48	3/4		3/4		3/4	
9	2,342.48	9	1,985.60	9	1,628.72	9	1,271.84	9	914.96	9	558.08	9	206.50	9		9		9	
1/4	2,335.05	1/4	1,978.17	1/4	1,621.29	1/4	1,264.41	1/4	907.53	1/4	550.65	1/4	199.52	1/4		1/4		1/4	
1/2	2,327.61	1/2	1,970.73	1/2	1,613.85	1/2	1,256.97	1/2	900.09	1/2	543.21	1/2	192.56	1/2		1/2		1/2	
3/4	2,320.18	3/4	1,963.30	3/4	1,606.42	3/4	1,249.54	3/4	892.66	3/4	535.78	3/4	185.61	3/4		3/4		3/4	
10	2,312.74	10	1,955.86	10	1,598.98	10	1,242.10	10	885.22	10	528.35	10	178.66	10		10		10	
1/4	2,305.31	1/4	1,948.43	1/4	1,591.55	1/4	1,234.67	1/4	877.79	1/4	520.92	1/4	171.71	1/4		1/4		1/4	
1/2	2,297.87	1/2	1,940.99	1/2	1,584.11	1/2	1,227.23	1/2	870.35	1/2	513.37	1/2	165.03	1/2		1/2		1/2	
3/4	2,290.44	3/4	1,933.56	3/4	1,576.68	3/4	1,219.80	3/4	862.92	3/4	505.83	3/4	158.35	3/4		3/4		3/4	
11	2,283.00	11	1,926.12	11	1,569.24	11	1,212.36	11	855.48	11	498.29	11	151.67	11		11		11	
1/4	2,275.57	1/4	1,918.69	1/4	1,561.81	1/4	1,204.93	1/4	848.05	1/4	490.75	1/4	145.00	1/4		1/4		1/4	
1/2	2,268.13	1/2	1,911.25	1/2	1,554.37	1/2	1,197.49	1/2	840.61	1/2	483.17	1/2	138.41	1/2		1/2		1/2	
3/4	2,260.70	3/4	1,903.82	3/4	1,546.94	3/4	1,190.06	3/4	833.18	3/4	475.59	3/4	131.83	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/17/2012 INSP.
RECALCULATED: 06/01/2022 CL
REPRINTED: 06/01/2022 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2022

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3085"

1 STBD ULLAGE TABLE

HERMETIC GAUGE HEIGHT 17'-04"

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	4,736.56	0	4,379.67	0	4,022.79	0	3,665.91	0	3,309.03	0	2,952.15
1/4		1/4		1/4		1/4		1/4	4,729.13	1/4	4,372.24	1/4	4,015.36	1/4	3,658.48	1/4	3,301.60	1/4	2,944.72
1/2		1/2		1/2		1/2		1/2	4,721.69	1/2	4,364.80	1/2	4,007.92	1/2	3,651.04	1/2	3,294.16	1/2	2,937.28
3/4		3/4		3/4		3/4		3/4	4,714.26	3/4	4,357.37	3/4	4,000.49	3/4	3,643.61	3/4	3,286.73	3/4	2,929.85
1		1		1		1		1	4,706.82	1	4,349.93	1	3,993.05	1	3,636.17	1	3,279.29	1	2,922.41
1/4		1/4		1/4		1/4		1/4	4,699.39	1/4	4,342.50	1/4	3,985.62	1/4	3,628.74	1/4	3,271.86	1/4	2,914.98
1/2		1/2		1/2		1/2	5,035.86	1/2	4,691.95	1/2	4,335.06	1/2	3,978.18	1/2	3,621.30	1/2	3,264.42	1/2	2,907.54
3/4		3/4		3/4		3/4	5,031.34	3/4	4,684.52	3/4	4,327.63	3/4	3,970.75	3/4	3,613.87	3/4	3,256.99	3/4	2,900.11
2		2		2		2		2	5,025.68	2	4,677.08	2	4,320.19	2	3,963.31	2	3,249.55	2	2,892.67
1/4		1/4		1/4		1/4	5,020.02	1/4	4,669.65	1/4	4,312.76	1/4	3,955.88	1/4	3,599.00	1/4	3,242.12	1/4	2,885.24
1/2		1/2		1/2		1/2	5,014.37	1/2	4,662.21	1/2	4,305.32	1/2	3,948.44	1/2	3,591.56	1/2	3,234.68	1/2	2,877.80
3/4		3/4		3/4		3/4	5,008.71	3/4	4,654.78	3/4	4,297.89	3/4	3,941.01	3/4	3,584.13	3/4	3,227.25	3/4	2,870.37
3		3		3		3		3	5,001.92	3	4,647.34	3	4,290.45	3	3,933.57	3	3,219.81	3	2,862.93
1/4		1/4		1/4		1/4	4,995.13	1/4	4,639.91	1/4	4,283.02	1/4	3,926.14	1/4	3,569.26	1/4	3,212.38	1/4	2,855.50
1/2		1/2		1/2		1/2	4,988.34	1/2	4,632.47	1/2	4,275.58	1/2	3,918.70	1/2	3,561.82	1/2	3,204.94	1/2	2,848.06
3/4		3/4		3/4		3/4	4,981.55	3/4	4,625.04	3/4	4,268.15	3/4	3,911.27	3/4	3,554.39	3/4	3,197.51	3/4	2,840.63
4		4		4		4		4	4,974.21	4	4,617.60	4	4,260.71	4	3,903.83	4	3,190.07	4	2,833.19
1/4		1/4		1/4		1/4	4,966.86	1/4	4,610.17	1/4	4,253.28	1/4	3,896.40	1/4	3,539.52	1/4	3,182.64	1/4	2,825.76
1/2		1/2		1/2		1/2	4,959.52	1/2	4,602.73	1/2	4,245.84	1/2	3,888.96	1/2	3,532.08	1/2	3,175.20	1/2	2,818.32
3/4		3/4		3/4		3/4	4,952.18	3/4	4,595.30	3/4	4,238.41	3/4	3,881.53	3/4	3,524.65	3/4	3,167.77	3/4	2,810.89
5		5		5		5		5	4,944.74	5	4,587.86	5	4,230.97	5	3,874.09	5	3,160.33	5	2,803.45
1/4		1/4		1/4		1/4	4,937.31	1/4	4,580.43	1/4	4,223.54	1/4	3,866.66	1/4	3,509.78	1/4	3,152.90	1/4	2,796.02
1/2		1/2		1/2		1/2	4,929.87	1/2	4,572.99	1/2	4,216.10	1/2	3,859.22	1/2	3,502.34	1/2	3,145.46	1/2	2,788.58
3/4		3/4		3/4		3/4	4,922.44	3/4	4,565.56	3/4	4,208.67	3/4	3,851.79	3/4	3,494.91	3/4	3,138.03	3/4	2,781.15
6		6		6		6		6	4,915.00	6	4,558.12	6	4,201.23	6	3,844.35	6	3,130.59	6	2,773.71
1/4		1/4		1/4		1/4	4,907.57	1/4	4,550.69	1/4	4,193.80	1/4	3,836.92	1/4	3,480.04	1/4	3,123.16	1/4	2,766.28
1/2		1/2		1/2		1/2	4,900.13	1/2	4,543.25	1/2	4,186.36	1/2	3,829.48	1/2	3,472.60	1/2	3,115.72	1/2	2,758.84
3/4		3/4		3/4		3/4	4,892.70	3/4	4,535.82	3/4	4,178.93	3/4	3,822.05	3/4	3,465.17	3/4	3,108.29	3/4	2,751.41
7		7		7		7		7	4,885.26	7	4,528.38	7	4,171.49	7	3,814.61	7	3,100.85	7	2,743.97
1/4		1/4		1/4		1/4	4,877.83	1/4	4,520.95	1/4	4,164.06	1/4	3,807.18	1/4	3,450.30	1/4	3,093.42	1/4	2,736.54
1/2		1/2		1/2		1/2	4,870.39	1/2	4,513.51	1/2	4,156.62	1/2	3,799.74	1/2	3,442.86	1/2	3,085.98	1/2	2,729.10
3/4		3/4		3/4		3/4	4,862.96	3/4	4,506.08	3/4	4,149.19	3/4	3,792.31	3/4	3,435.43	3/4	3,078.55	3/4	2,721.67
8		8		8		8		8	4,855.52	8	4,498.64	8	4,141.75	8	3,784.87	8	3,071.11	8	2,714.23
1/4		1/4		1/4		1/4	4,848.09	1/4	4,491.20	1/4	4,134.32	1/4	3,777.44	1/4	3,420.56	1/4	3,063.68	1/4	2,706.80
1/2		1/2		1/2		1/2	4,840.65	1/2	4,483.76	1/2	4,126.88	1/2	3,770.00	1/2	3,413.12	1/2	3,056.24	1/2	2,699.36
3/4		3/4		3/4		3/4	4,833.22	3/4	4,476.33	3/4	4,119.45	3/4	3,762.57	3/4	3,405.69	3/4	3,048.81	3/4	2,691.93
9		9		9		9		9	4,825.78	9	4,468.89	9	4,112.01	9	3,755.13	9	3,041.37	9	2,684.49
1/4		1/4		1/4		1/4	4,818.35	1/4	4,461.46	1/4	4,104.58	1/4	3,747.70	1/4	3,390.82	1/4	3,033.94	1/4	2,677.06
1/2		1/2		1/2		1/2	4,810.91	1/2	4,454.02	1/2	4,097.14	1/2	3,740.26	1/2	3,383.38	1/2	3,026.50	1/2	2,669.62
3/4		3/4		3/4		3/4	4,803.48	3/4	4,446.59	3/4	4,089.71	3/4	3,732.83	3/4	3,375.95	3/4	3,019.07	3/4	2,662.19
10		10		10		10		10	4,796.04	10	4,439.15	10	4,082.27	10	3,725.39	10	3,011.63	10	2,654.75
1/4		1/4		1/4		1/4	4,788.61	1/4	4,431.72	1/4	4,074.84	1/4	3,717.96	1/4	3,361.08	1/4	3,004.20	1/4	2,647.32
1/2		1/2		1/2		1/2	4,781.17	1/2	4,424.28	1/2	4,067.40	1/2	3,710.52	1/2	3,353.64	1/2	2,996.76	1/2	2,639.88
3/4		3/4		3/4		3/4	4,773.74	3/4	4,416.85	3/4	4,059.97	3/4	3,703.09	3/4	3,346.21	3/4	2,989.33	3/4	2,632.45
11		11		11		11		11	4,766.30	11	4,409.41	11	4,052.53	11	3,695.65	11	2,981.89	11	2,625.01
1/4		1/4		1/4		1/4	4,758.87	1/4	4,401.98	1/4	4,045.10	1/4	3,688.22	1/4	3,331.34	1/4	2,974.46	1/4	2,617.58
1/2		1/2		1/2		1/2	4,751.43	1/2	4,394.54	1/2	4,037.66	1/2	3,680.78	1/2	3,323.90	1/2	2,967.02	1/2	2,610.14
3/4		3/4		3/4		3/4	4,744.00	3/4	4,387.11	3/4	4,030.23	3/4	3,673.35	3/4	3,316.47	3/4	2,959.59	3/4	2,602.71

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 41'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HTCO 3085"

1 STBD
ULLAGE TABLE
HERMETIC
GAUGE HEIGHT 17'-04"

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	2,595.27	0	2,238.39	0	1,881.51	0	1,524.63	0	1,167.75	0	810.87	0	452.94	0	112.16	0		0	
1/4	2,587.84	1/4	2,230.96	1/4	1,874.08	1/4	1,517.20	1/4	1,160.32	1/4	803.44	1/4	445.46	1/4	105.67	1/4		1/4	
1/2	2,580.40	1/2	2,223.52	1/2	1,866.64	1/2	1,509.76	1/2	1,152.89	1/2	796.00	1/2	437.98	1/2	99.17	1/2		1/2	
3/4	2,572.97	3/4	2,216.09	3/4	1,859.21	3/4	1,502.33	3/4	1,145.46	3/4	788.57	3/4	430.50	3/4	92.68	3/4		3/4	
1	2,565.53	1	2,208.65	1	1,851.77	1	1,494.89	1	1,138.02	1	781.13	1	423.04	1	86.21	1		1	
1/4	2,558.10	1/4	2,201.22	1/4	1,844.34	1/4	1,487.46	1/4	1,130.59	1/4	773.70	1/4	415.59	1/4	79.75	1/4		1/4	
1/2	2,550.66	1/2	2,193.78	1/2	1,836.90	1/2	1,480.02	1/2	1,123.15	1/2	766.26	1/2	408.14	1/2	73.28	1/2		1/2	
3/4	2,543.23	3/4	2,186.35	3/4	1,829.47	3/4	1,472.59	3/4	1,115.72	3/4	758.83	3/4	400.69	3/4	66.82	3/4		3/4	
2	2,535.79	2	2,178.91	2	1,822.03	2	1,465.15	2	1,108.28	2	751.39	2	393.33	2	60.56	2		2	
1/4	2,528.36	1/4	2,171.48	1/4	1,814.60	1/4	1,457.72	1/4	1,100.85	1/4	743.96	1/4	385.97	1/4	54.30	1/4		1/4	
1/2	2,520.92	1/2	2,164.04	1/2	1,807.16	1/2	1,450.28	1/2	1,093.41	1/2	736.52	1/2	378.61	1/2	48.04	1/2		1/2	
3/4	2,513.49	3/4	2,156.61	3/4	1,799.73	3/4	1,442.85	3/4	1,085.98	3/4	729.09	3/4	371.26	3/4	41.78	3/4		3/4	
3	2,506.05	3	2,149.17	3	1,792.29	3	1,435.41	3	1,078.54	3	721.65	3	363.93	3	36.84	3		3	
1/4	2,498.62	1/4	2,141.74	1/4	1,784.86	1/4	1,427.98	1/4	1,071.11	1/4	714.22	1/4	356.60	1/4	31.90	1/4		1/4	
1/2	2,491.18	1/2	2,134.30	1/2	1,777.42	1/2	1,420.54	1/2	1,063.67	1/2	706.78	1/2	349.27	1/2	26.96	1/2		1/2	
3/4	2,483.75	3/4	2,126.87	3/4	1,769.99	3/4	1,413.11	3/4	1,056.24	3/4	699.35	3/4	341.94	3/4	22.03	3/4		3/4	
4	2,476.31	4	2,119.43	4	1,762.55	4	1,405.67	4	1,048.80	4	691.91	4	334.70	4	18.62	4		4	
1/4	2,468.88	1/4	2,112.00	1/4	1,755.12	1/4	1,398.24	1/4	1,041.37	1/4	684.48	1/4	327.47	1/4		1/4		1/4	
1/2	2,461.44	1/2	2,104.56	1/2	1,747.68	1/2	1,390.80	1/2	1,033.93	1/2	677.04	1/2	320.23	1/2		1/2		1/2	
3/4	2,454.01	3/4	2,097.13	3/4	1,740.25	3/4	1,383.37	3/4	1,026.50	3/4	669.61	3/4	313.00	3/4		3/4		3/4	
5	2,446.57	5	2,089.69	5	1,732.81	5	1,375.93	5	1,019.06	5	662.17	5	305.79	5	5	5		5	
1/4	2,439.14	1/4	2,082.26	1/4	1,725.38	1/4	1,368.50	1/4	1,011.62	1/4	654.74	1/4	298.59	1/4		1/4		1/4	
1/2	2,431.70	1/2	2,074.82	1/2	1,717.94	1/2	1,361.06	1/2	1,004.18	1/2	647.30	1/2	291.39	1/2		1/2		1/2	
3/4	2,424.27	3/4	2,067.39	3/4	1,710.51	3/4	1,353.63	3/4	996.75	3/4	639.87	3/4	284.19	3/4		3/4		3/4	
6	2,416.83	6	2,059.95	6	1,703.07	6	1,346.19	6	989.31	6	632.43	6	277.08	6	6	6		6	
1/4	2,409.40	1/4	2,052.52	1/4	1,695.64	1/4	1,338.76	1/4	981.88	1/4	625.00	1/4	269.97	1/4		1/4		1/4	
1/2	2,401.96	1/2	2,045.08	1/2	1,688.20	1/2	1,331.32	1/2	974.44	1/2	617.56	1/2	262.86	1/2		1/2		1/2	
3/4	2,394.53	3/4	2,037.65	3/4	1,680.77	3/4	1,323.89	3/4	967.01	3/4	610.13	3/4	255.76	3/4		3/4		3/4	
7	2,387.09	7	2,030.21	7	1,673.33	7	1,316.45	7	959.57	7	602.69	7	248.68	7	7	7		7	
1/4	2,379.66	1/4	2,022.78	1/4	1,665.90	1/4	1,309.02	1/4	952.14	1/4	595.26	1/4	241.60	1/4		1/4		1/4	
1/2	2,372.22	1/2	2,015.34	1/2	1,658.46	1/2	1,301.58	1/2	944.70	1/2	587.82	1/2	234.52	1/2		1/2		1/2	
3/4	2,364.79	3/4	2,007.91	3/4	1,651.03	3/4	1,294.15	3/4	937.27	3/4	580.39	3/4	227.45	3/4		3/4		3/4	
8	2,357.35	8	2,000.47	8	1,643.59	8	1,286.71	8	929.83	8	572.95	8	220.46	8	8	8		8	
1/4	2,349.92	1/4	1,993.04	1/4	1,636.16	1/4	1,279.28	1/4	922.40	1/4	565.52	1/4	213.48	1/4		1/4		1/4	
1/2	2,342.48	1/2	1,985.60	1/2	1,628.72	1/2	1,271.84	1/2	914.96	1/2	558.08	1/2	206.50	1/2		1/2		1/2	
3/4	2,335.05	3/4	1,978.17	3/4	1,621.29	3/4	1,264.41	3/4	907.53	3/4	550.65	3/4	199.52	3/4		3/4		3/4	
9	2,327.61	9	1,970.73	9	1,613.85	9	1,256.97	9	900.09	9	543.21	9	192.56	9	9	9		9	
1/4	2,320.18	1/4	1,963.30	1/4	1,606.42	1/4	1,249.54	1/4	892.66	1/4	535.78	1/4	185.61	1/4		1/4		1/4	
1/2	2,312.74	1/2	1,955.86	1/2	1,598.98	1/2	1,242.10	1/2	885.22	1/2	528.35	1/2	178.66	1/2		1/2		1/2	
3/4	2,305.31	3/4	1,948.43	3/4	1,591.55	3/4	1,234.67	3/4	877.79	3/4	520.92	3/4	171.71	3/4		3/4		3/4	
10	2,297.87	10	1,940.99	10	1,584.11	10	1,227.23	10	870.35	10	513.37	10	165.03	10	10	10		10	
1/4	2,290.44	1/4	1,933.56	1/4	1,576.68	1/4	1,219.80	1/4	862.92	1/4	505.83	1/4	158.35	1/4		1/4		1/4	
1/2	2,283.00	1/2	1,926.12	1/2	1,569.24	1/2	1,212.36	1/2	855.48	1/2	498.29	1/2	151.67	1/2		1/2		1/2	
3/4	2,275.57	3/4	1,918.69	3/4	1,561.81	3/4	1,204.93	3/4	848.05	3/4	490.75	3/4	145.00	3/4		3/4		3/4	
11	2,268.13	11	1,911.25	11	1,554.37	11	1,197.49	11	840.61	11	483.17	11	138.41	11	11	11		11	
1/4	2,260.70	1/4	1,903.82	1/4	1,546.94	1/4	1,190.06	1/4	833.18	1/4	475.59	1/4	131.83	1/4		1/4		1/4	
1/2	2,253.26	1/2	1,896.38	1/2	1,539.50	1/2	1,182.62	1/2	825.74	1/2	468.01	1/2	125.24	1/2		1/2		1/2	
3/4	2,245.83	3/4	1,888.95	3/4	1,532.07	3/4	1,175.19	3/4	818.31	3/4	460.43	3/4	118.66	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/17/2012 INSP.
 RECALCULATED: 06/01/2022 CL
 REPRINTED: 06/01/2022 JS

CANCELS AND SUPERCEDES
 ALL PRIOR TO 06/2022

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "HTCO 3085"

2 PORT ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-04 3/4"

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	4,818.20	0	4,463.88	0	4,103.26	0	3,742.63	0	3,382.01	0	3,021.39
1/4		1/4		1/4		1/4		1/4	4,811.05	1/4	4,456.36	1/4	4,095.74	1/4	3,735.12	1/4	3,374.49	1/4	3,013.87
1/2		1/2		1/2		1/2		1/2	4,803.91	1/2	4,448.85	1/2	4,088.23	1/2	3,727.60	1/2	3,366.98	1/2	3,006.36
3/4		3/4		3/4		3/4		3/4	4,796.77	3/4	4,441.34	3/4	4,080.72	3/4	3,720.09	3/4	3,359.47	3/4	2,998.85
1		1		1		1		1	4,789.63	1	4,433.83	1	4,073.21	1	3,712.58	1	3,351.96	1	2,991.33
1/4		1/4		1/4		1/4		1/4	4,782.48	1/4	4,426.31	1/4	4,065.69	1/4	3,705.06	1/4	3,344.44	1/4	2,983.82
1/2		1/2		1/2		1/2		1/2	4,775.34	1/2	4,418.80	1/2	4,058.18	1/2	3,697.55	1/2	3,336.93	1/2	2,976.30
3/4		3/4		3/4		3/4		3/4	4,768.20	3/4	4,411.29	3/4	4,050.67	3/4	3,690.04	3/4	3,329.42	3/4	2,968.79
2		2		2		2		2	4,761.06	2	4,403.78	2	4,043.15	2	3,682.53	2	3,321.91	2	2,961.28
1/4		1/4		1/4		1/4		1/4	5,082.89	1/4	4,753.92	1/4	4,396.26	1/4	4,035.64	1/4	3,675.01	1/4	3,314.39
1/2		1/2		1/2		1/2		1/2	5,078.63	1/2	4,746.78	1/2	4,388.75	1/2	4,028.12	1/2	3,667.50	1/2	3,306.88
3/4		3/4		3/4		3/4		3/4	5,073.31	3/4	4,739.64	3/4	4,381.24	3/4	4,020.61	3/4	3,659.99	3/4	3,299.37
3		3		3		3		3	5,067.98	3	4,732.50	3	4,373.73	3	4,013.10	3	3,652.48	3	2,931.85
1/4		1/4		1/4		1/4		1/4	5,062.66	1/4	4,725.35	1/4	4,366.21	1/4	4,005.58	1/4	3,644.96	1/4	3,284.34
1/2		1/2		1/2		1/2		1/2	5,057.33	1/2	4,718.21	1/2	4,358.70	1/2	3,998.07	1/2	3,637.45	1/2	3,276.82
3/4		3/4		3/4		3/4		3/4	5,050.98	3/4	4,710.98	3/4	4,351.19	3/4	3,990.56	3/4	3,629.94	3/4	3,269.31
4		4		4		4		4	5,044.63	4	4,703.74	4	4,343.67	4	3,983.05	4	3,622.43	4	3,261.80
1/4		1/4		1/4		1/4		1/4	5,038.27	1/4	4,696.51	1/4	4,336.16	1/4	3,975.53	1/4	3,614.91	1/4	3,254.28
1/2		1/2		1/2		1/2		1/2	5,031.92	1/2	4,689.27	1/2	4,328.64	1/2	3,968.02	1/2	3,607.40	1/2	3,246.77
3/4		3/4		3/4		3/4		3/4	5,024.91	3/4	4,681.76	3/4	4,321.13	3/4	3,960.51	3/4	3,599.89	3/4	3,239.26
5		5		5		5		5	5,017.91	5	4,674.25	5	4,313.62	5	3,953.00	5	3,592.37	5	3,231.75
1/4		1/4		1/4		1/4		1/4	5,010.90	1/4	4,666.73	1/4	4,306.10	1/4	3,945.48	1/4	3,584.86	1/4	3,224.23
1/2		1/2		1/2		1/2		1/2	5,003.89	1/2	4,659.22	1/2	4,298.59	1/2	3,937.97	1/2	3,577.34	1/2	3,216.72
3/4		3/4		3/4		3/4		3/4	4,996.75	3/4	4,651.71	3/4	4,291.08	3/4	3,930.46	3/4	3,569.83	3/4	3,209.21
6		6		6		6		6	4,989.61	6	4,644.19	6	4,283.57	6	3,922.95	6	3,562.32	6	3,201.70
1/4		1/4		1/4		1/4		1/4	4,982.46	1/4	4,636.68	1/4	4,276.05	1/4	3,915.43	1/4	3,554.80	1/4	3,194.18
1/2		1/2		1/2		1/2		1/2	4,975.32	1/2	4,629.16	1/2	4,268.54	1/2	3,907.92	1/2	3,547.29	1/2	3,186.67
3/4		3/4		3/4		3/4		3/4	4,968.18	3/4	4,621.65	3/4	4,261.03	3/4	3,900.41	3/4	3,539.78	3/4	3,179.16
7		7		7		7		7	4,961.04	7	4,614.14	7	4,253.52	7	3,892.89	7	3,532.27	7	3,171.65
1/4		1/4		1/4		1/4		1/4	4,953.89	1/4	4,606.62	1/4	4,246.00	1/4	3,885.38	1/4	3,524.75	1/4	3,164.13
1/2		1/2		1/2		1/2		1/2	4,946.75	1/2	4,599.11	1/2	4,238.49	1/2	3,877.86	1/2	3,517.24	1/2	3,156.62
3/4		3/4		3/4		3/4		3/4	4,939.61	3/4	4,591.60	3/4	4,230.98	3/4	3,870.35	3/4	3,509.73	3/4	3,149.11
8		8		8		8		8	4,932.47	8	4,584.09	8	4,223.47	8	3,862.84	8	3,502.22	8	3,141.59
1/4		1/4		1/4		1/4		1/4	4,925.32	1/4	4,576.57	1/4	4,215.95	1/4	3,855.32	1/4	3,494.70	1/4	3,134.08
1/2		1/2		1/2		1/2		1/2	4,918.18	1/2	4,569.06	1/2	4,208.44	1/2	3,847.81	1/2	3,487.19	1/2	3,126.56
3/4		3/4		3/4		3/4		3/4	4,911.04	3/4	4,561.55	3/4	4,200.93	3/4	3,840.30	3/4	3,479.68	3/4	3,119.05
9		9		9		9		9	4,903.90	9	4,554.04	9	4,193.41	9	3,832.79	9	3,472.17	9	3,111.54
1/4		1/4		1/4		1/4		1/4	4,896.76	1/4	4,546.52	1/4	4,185.90	1/4	3,825.27	1/4	3,464.65	1/4	3,104.02
1/2		1/2		1/2		1/2		1/2	4,889.62	1/2	4,539.01	1/2	4,178.38	1/2	3,817.76	1/2	3,457.14	1/2	3,096.51
3/4		3/4		3/4		3/4		3/4	4,882.48	3/4	4,531.50	3/4	4,170.87	3/4	3,810.25	3/4	3,449.63	3/4	3,089.00
10		10		10		10		10	4,875.34	10	4,523.99	10	4,163.36	10	3,802.74	10	3,442.11	10	3,081.49
1/4		1/4		1/4		1/4		1/4	4,868.19	1/4	4,516.47	1/4	4,155.84	1/4	3,795.22	1/4	3,434.60	1/4	3,073.97
1/2		1/2		1/2		1/2		1/2	4,861.05	1/2	4,508.96	1/2	4,148.33	1/2	3,787.71	1/2	3,427.08	1/2	3,066.46
3/4		3/4		3/4		3/4		3/4	4,853.91	3/4	4,501.45	3/4	4,140.82	3/4	3,780.20	3/4	3,419.57	3/4	3,058.95
11		11		11		11		11	4,846.77	11	4,493.93	11	4,133.31	11	3,772.69	11	3,412.06	11	3,051.44
1/4		1/4		1/4		1/4		1/4	4,839.62	1/4	4,486.42	1/4	4,125.79	1/4	3,765.17	1/4	3,404.54	1/4	3,043.92
1/2		1/2		1/2		1/2		1/2	4,832.48	1/2	4,478.90	1/2	4,118.28	1/2	3,757.66	1/2	3,397.03	1/2	3,036.41
3/4		3/4		3/4		3/4		3/4	4,825.34	3/4	4,471.39	3/4	4,110.77	3/4	3,750.15	3/4	3,389.52	3/4	3,028.90

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 41'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HTCO 3085"

2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-04 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	2,660.76	0	2,300.14	0	1,939.51	0	1,578.89	0	1,218.27	0	857.64	0	497.02	0	139.29	0		0	
1/4	2,653.24	1/4	2,292.62	1/4	1,932.00	1/4	1,571.37	1/4	1,210.75	1/4	850.13	1/4	489.50	1/4	132.35	1/4		1/4	
1/2	2,645.73	1/2	2,285.11	1/2	1,924.48	1/2	1,563.86	1/2	1,203.24	1/2	842.61	1/2	481.99	1/2	125.42	1/2		1/2	
3/4	2,638.22	3/4	2,277.60	3/4	1,916.97	3/4	1,556.35	3/4	1,195.73	3/4	835.10	3/4	474.48	3/4	118.49	3/4		3/4	
1	2,630.71	1	2,270.09	1	1,909.46	1	1,548.84	1	1,188.22	1	827.59	1	466.97	1	111.55	1		1	
1/4	2,623.19	1/4	2,262.57	1/4	1,901.94	1/4	1,541.32	1/4	1,180.70	1/4	820.07	1/4	459.45	1/4	104.62	1/4		1/4	
1/2	2,615.68	1/2	2,255.06	1/2	1,894.43	1/2	1,533.81	1/2	1,173.19	1/2	812.56	1/2	451.94	1/2	97.68	1/2		1/2	
3/4	2,608.17	3/4	2,247.55	3/4	1,886.92	3/4	1,526.30	3/4	1,165.68	3/4	805.05	3/4	444.43	3/4	90.75	3/4		3/4	
2	2,600.66	2	2,240.03	2	1,879.41	2	1,518.79	2	1,158.16	2	797.54	2	436.91	2	83.82	2		2	
1/4	2,593.14	1/4	2,232.52	1/4	1,871.89	1/4	1,511.27	1/4	1,150.65	1/4	790.02	1/4	429.40	1/4	76.88	1/4		1/4	
1/2	2,585.63	1/2	2,225.00	1/2	1,864.38	1/2	1,503.76	1/2	1,143.13	1/2	782.51	1/2	421.88	1/2	69.95	1/2		1/2	
3/4	2,578.12	3/4	2,217.49	3/4	1,856.87	3/4	1,496.25	3/4	1,135.62	3/4	775.00	3/4	414.37	3/4	63.14	3/4		3/4	
3	2,570.61	3	2,209.98	3	1,849.36	3	1,488.74	3	1,128.11	3	767.49	3	406.86	3	56.33	3		3	
1/4	2,563.09	1/4	2,202.46	1/4	1,841.84	1/4	1,481.22	1/4	1,120.59	1/4	759.97	1/4	399.34	1/4	49.52	1/4		1/4	
1/2	2,555.58	1/2	2,194.95	1/2	1,834.33	1/2	1,473.71	1/2	1,113.08	1/2	752.46	1/2	391.83	1/2	42.71	1/2		1/2	
3/4	2,548.07	3/4	2,187.44	3/4	1,826.82	3/4	1,466.20	3/4	1,105.57	3/4	744.95	3/4	384.32	3/4	37.43	3/4		3/4	
4	2,540.55	4	2,179.93	4	1,819.31	4	1,458.68	4	1,098.06	4	737.44	4	376.81	4	32.15	4		4	
1/4	2,533.04	1/4	2,172.41	1/4	1,811.79	1/4	1,451.17	1/4	1,090.54	1/4	729.92	1/4	369.29	1/4	26.87	1/4		1/4	
1/2	2,525.52	1/2	2,164.90	1/2	1,804.28	1/2	1,443.65	1/2	1,083.03	1/2	722.41	1/2	361.78	1/2	21.59	1/2		1/2	
3/4	2,518.01	3/4	2,157.39	3/4	1,796.77	3/4	1,436.14	3/4	1,075.52	3/4	714.90	3/4	354.27	3/4	18.06	3/4		3/4	
5	2,510.50	5	2,149.88	5	1,789.25	5	1,428.63	5	1,068.01	5	707.38	5	346.76	5		5		5	
1/4	2,502.98	1/4	2,142.36	1/4	1,781.74	1/4	1,421.11	1/4	1,060.49	1/4	699.87	1/4	339.24	1/4		1/4		1/4	
1/2	2,495.47	1/2	2,134.85	1/2	1,774.22	1/2	1,413.60	1/2	1,052.98	1/2	692.35	1/2	331.73	1/2		1/2		1/2	
3/4	2,487.96	3/4	2,127.34	3/4	1,766.71	3/4	1,406.09	3/4	1,045.47	3/4	684.84	3/4	324.22	3/4		3/4		3/4	
6	2,480.45	6	2,119.83	6	1,759.20	6	1,398.58	6	1,037.96	6	677.33	6	316.71	6		6		6	
1/4	2,472.93	1/4	2,112.31	1/4	1,751.68	1/4	1,391.06	1/4	1,030.44	1/4	669.81	1/4	309.19	1/4		1/4		1/4	
1/2	2,465.42	1/2	2,104.80	1/2	1,744.17	1/2	1,383.55	1/2	1,022.93	1/2	662.30	1/2	301.68	1/2		1/2		1/2	
3/4	2,457.91	3/4	2,097.29	3/4	1,736.66	3/4	1,376.04	3/4	1,015.42	3/4	654.79	3/4	294.17	3/4		3/4		3/4	
7	2,450.40	7	2,089.77	7	1,729.15	7	1,368.53	7	1,007.90	7	647.28	7	286.66	7		7		7	
1/4	2,442.88	1/4	2,082.26	1/4	1,721.63	1/4	1,361.01	1/4	1,000.39	1/4	639.76	1/4	279.14	1/4		1/4		1/4	
1/2	2,435.37	1/2	2,074.74	1/2	1,714.12	1/2	1,353.50	1/2	992.87	1/2	632.25	1/2	271.63	1/2		1/2		1/2	
3/4	2,427.86	3/4	2,067.23	3/4	1,706.61	3/4	1,345.99	3/4	985.36	3/4	624.74	3/4	264.12	3/4		3/4		3/4	
8	2,420.35	8	2,059.72	8	1,699.10	8	1,338.48	8	977.85	8	617.23	8	256.60	8		8		8	
1/4	2,412.83	1/4	2,052.20	1/4	1,691.58	1/4	1,330.96	1/4	970.33	1/4	609.71	1/4	249.09	1/4		1/4		1/4	
1/2	2,405.32	1/2	2,044.69	1/2	1,684.07	1/2	1,323.45	1/2	962.82	1/2	602.20	1/2	241.57	1/2		1/2		1/2	
3/4	2,397.81	3/4	2,037.18	3/4	1,676.56	3/4	1,315.94	3/4	955.31	3/4	594.69	3/4	234.06	3/4		3/4		3/4	
9	2,390.29	9	2,029.67	9	1,669.05	9	1,308.42	9	947.80	9	587.18	9	226.55	9		9		9	
1/4	2,382.78	1/4	2,022.15	1/4	1,661.53	1/4	1,300.91	1/4	940.28	1/4	579.66	1/4	219.03	1/4		1/4		1/4	
1/2	2,375.26	1/2	2,014.64	1/2	1,654.02	1/2	1,293.39	1/2	932.77	1/2	572.15	1/2	211.52	1/2		1/2		1/2	
3/4	2,367.75	3/4	2,007.13	3/4	1,646.51	3/4	1,285.88	3/4	925.26	3/4	564.64	3/4	204.01	3/4		3/4		3/4	
10	2,360.24	10	1,999.62	10	1,639.00	10	1,278.37	10	917.75	10	557.12	10	196.50	10		10		10	
1/4	2,352.72	1/4	1,992.10	1/4	1,631.48	1/4	1,270.85	1/4	910.23	1/4	549.61	1/4	188.98	1/4		1/4		1/4	
1/2	2,345.21	1/2	1,984.59	1/2	1,623.97	1/2	1,263.34	1/2	902.72	1/2	542.09	1/2	181.47	1/2		1/2		1/2	
3/4	2,337.70	3/4	1,977.08	3/4	1,616.46	3/4	1,255.83	3/4	895.21	3/4	534.58	3/4	174.39	3/4		3/4		3/4	
11	2,330.19	11	1,969.57	11	1,608.94	11	1,248.32	11	887.70	11	527.07	11	167.31	11		11		11	
1/4	2,322.67	1/4	1,962.05	1/4	1,601.43	1/4	1,240.80	1/4	880.18	1/4	519.55	1/4	160.23	1/4		1/4		1/4	
1/2	2,315.16	1/2	1,954.54	1/2	1,593.91	1/2	1,233.29	1/2	872.67	1/2	512.04	1/2	153.15	1/2		1/2		1/2	
3/4	2,307.65	3/4	1,947.03	3/4	1,586.40	3/4	1,225.78	3/4	865.16	3/4	504.53	3/4	146.22	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/17/2012 INSP.
RECALCULATED: 06/01/2022 CL
REPRINTED: 06/01/2022 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2022

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3085"

2 STBD ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-04 1/4"

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	4,803.91	0	4,448.85	0	4,088.23	0	3,727.60	0	3,366.98	0	3,006.36
1/4		1/4		1/4		1/4		1/4	4,796.77	1/4	4,441.34	1/4	4,080.72	1/4	3,720.09	1/4	3,359.47	1/4	2,998.85
1/2		1/2		1/2		1/2		1/2	4,789.63	1/2	4,433.83	1/2	4,073.21	1/2	3,712.58	1/2	3,351.96	1/2	2,991.33
3/4		3/4		3/4		3/4		3/4	4,782.48	3/4	4,426.31	3/4	4,065.69	3/4	3,705.06	3/4	3,344.44	3/4	2,983.82
1		1		1		1		1	4,775.34	1	4,418.80	1	4,058.18	1	3,697.55	1	3,336.93	1	2,976.30
1/4		1/4		1/4		1/4		1/4	4,768.20	1/4	4,411.29	1/4	4,050.67	1/4	3,690.04	1/4	3,329.42	1/4	2,968.79
1/2		1/2		1/2		1/2		1/2	4,761.06	1/2	4,403.78	1/2	4,043.15	1/2	3,682.53	1/2	3,321.91	1/2	2,961.28
3/4		3/4		3/4		3/4	5,082.89	3/4	4,753.92	3/4	4,396.26	3/4	4,035.64	3/4	3,675.01	3/4	3,314.39	3/4	2,953.76
2		2		2		2		2	4,746.78	2	4,388.75	2	4,028.12	2	3,667.50	2	3,306.88	2	2,946.25
1/4		1/4		1/4		1/4	5,073.31	1/4	4,739.64	1/4	4,381.24	1/4	4,020.61	1/4	3,659.99	1/4	3,299.37	1/4	2,938.74
1/2		1/2		1/2		1/2	5,067.98	1/2	4,732.50	1/2	4,373.73	1/2	4,013.10	1/2	3,652.48	1/2	3,291.85	1/2	2,931.23
3/4		3/4		3/4		3/4	5,062.66	3/4	4,725.35	3/4	4,366.21	3/4	4,005.58	3/4	3,644.96	3/4	3,284.34	3/4	2,923.71
3		3		3		3		3	4,718.21	3	4,358.70	3	3,998.07	3	3,637.45	3	3,276.82	3	2,916.20
1/4		1/4		1/4		1/4	5,050.98	1/4	4,710.98	1/4	4,351.19	1/4	3,990.56	1/4	3,629.94	1/4	3,269.31	1/4	2,908.69
1/2		1/2		1/2		1/2	5,044.63	1/2	4,703.74	1/2	4,343.67	1/2	3,983.05	1/2	3,622.43	1/2	3,261.80	1/2	2,901.18
3/4		3/4		3/4		3/4	5,038.27	3/4	4,696.51	3/4	4,336.16	3/4	3,975.53	3/4	3,614.91	3/4	3,254.28	3/4	2,893.66
4		4		4		4		4	4,689.27	4	4,328.64	4	3,968.02	4	3,607.40	4	3,246.77	4	2,886.15
1/4		1/4		1/4		1/4	5,024.91	1/4	4,681.76	1/4	4,321.13	1/4	3,960.51	1/4	3,599.89	1/4	3,239.26	1/4	2,878.64
1/2		1/2		1/2		1/2	5,017.91	1/2	4,674.25	1/2	4,313.62	1/2	3,953.00	1/2	3,592.37	1/2	3,231.75	1/2	2,871.13
3/4		3/4		3/4		3/4	5,010.90	3/4	4,666.73	3/4	4,306.10	3/4	3,945.48	3/4	3,584.86	3/4	3,224.23	3/4	2,863.61
5		5		5		5		5	4,659.22	5	4,298.59	5	3,937.97	5	3,577.34	5	3,216.72	5	2,856.10
1/4		1/4		1/4		1/4	4,996.75	1/4	4,651.71	1/4	4,291.08	1/4	3,930.46	1/4	3,569.83	1/4	3,209.21	1/4	2,848.59
1/2		1/2		1/2		1/2	4,989.61	1/2	4,644.19	1/2	4,283.57	1/2	3,922.95	1/2	3,562.32	1/2	3,201.70	1/2	2,841.07
3/4		3/4		3/4		3/4	4,982.46	3/4	4,636.68	3/4	4,276.05	3/4	3,915.43	3/4	3,554.80	3/4	3,194.18	3/4	2,833.56
6		6		6		6		6	4,975.32	6	4,629.16	6	3,907.92	6	3,547.29	6	3,186.67	6	2,826.04
1/4		1/4		1/4		1/4	4,968.18	1/4	4,621.65	1/4	4,261.03	1/4	3,900.41	1/4	3,539.78	1/4	3,179.16	1/4	2,818.53
1/2		1/2		1/2		1/2	4,961.04	1/2	4,614.14	1/2	4,253.52	1/2	3,892.89	1/2	3,532.27	1/2	3,171.65	1/2	2,811.02
3/4		3/4		3/4		3/4	4,953.89	3/4	4,606.62	3/4	4,246.00	3/4	3,885.38	3/4	3,524.75	3/4	3,164.13	3/4	2,803.50
7		7		7		7		7	4,946.75	7	4,599.11	7	4,238.49	7	3,877.86	7	3,156.62	7	2,795.99
1/4		1/4		1/4		1/4	4,939.61	1/4	4,591.60	1/4	4,230.98	1/4	3,870.35	1/4	3,509.74	1/4	3,149.11	1/4	2,788.48
1/2		1/2		1/2		1/2	4,932.47	1/2	4,584.09	1/2	4,223.47	1/2	3,862.84	1/2	3,502.22	1/2	3,141.59	1/2	2,780.97
3/4		3/4		3/4		3/4	4,925.32	3/4	4,576.57	3/4	4,215.95	3/4	3,855.32	3/4	3,494.70	3/4	3,134.08	3/4	2,773.45
8		8		8		8		8	4,918.18	8	4,569.06	8	4,208.44	8	3,847.81	8	3,126.56	8	2,765.94
1/4		1/4		1/4		1/4	4,911.04	1/4	4,561.55	1/4	4,200.93	1/4	3,840.30	1/4	3,479.68	1/4	3,119.05	1/4	2,758.43
1/2		1/2		1/2		1/2	4,903.90	1/2	4,554.04	1/2	4,193.41	1/2	3,832.79	1/2	3,472.17	1/2	3,111.54	1/2	2,750.92
3/4		3/4		3/4		3/4	4,896.76	3/4	4,546.52	3/4	4,185.90	3/4	3,825.27	3/4	3,464.65	3/4	3,104.02	3/4	2,743.40
9		9		9		9		9	4,889.62	9	4,539.01	9	4,178.38	9	3,817.76	9	3,096.51	9	2,735.89
1/4		1/4		1/4		1/4	4,882.48	1/4	4,531.50	1/4	4,170.87	1/4	3,810.25	1/4	3,449.63	1/4	3,089.00	1/4	2,728.38
1/2		1/2		1/2		1/2	4,875.34	1/2	4,523.99	1/2	4,163.36	1/2	3,802.74	1/2	3,442.11	1/2	3,081.49	1/2	2,720.87
3/4		3/4		3/4		3/4	4,868.19	3/4	4,516.47	3/4	4,155.84	3/4	3,795.22	3/4	3,434.60	3/4	3,073.97	3/4	2,713.35
10		10		10		10		10	4,861.05	10	4,508.96	10	4,148.33	10	3,787.71	10	3,066.46	10	2,705.84
1/4		1/4		1/4		1/4	4,853.91	1/4	4,501.45	1/4	4,140.82	1/4	3,780.20	1/4	3,419.57	1/4	3,058.95	1/4	2,698.33
1/2		1/2		1/2		1/2	4,846.77	1/2	4,493.93	1/2	4,133.31	1/2	3,772.69	1/2	3,412.06	1/2	3,051.44	1/2	2,690.81
3/4		3/4		3/4		3/4	4,839.62	3/4	4,486.42	3/4	4,125.79	3/4	3,765.17	3/4	3,404.54	3/4	3,043.92	3/4	2,683.30
11		11		11		11		11	4,832.48	11	4,478.90	11	4,118.28	11	3,757.66	11	3,036.41	11	2,675.78
1/4		1/4		1/4		1/4	4,825.34	1/4	4,471.39	1/4	4,110.77	1/4	3,750.15	1/4	3,389.52	1/4	3,028.90	1/4	2,668.27
1/2		1/2		1/2		1/2	4,818.20	1/2	4,463.88	1/2	4,103.26	1/2	3,742.63	1/2	3,382.01	1/2	3,021.39	1/2	2,660.76
3/4		3/4		3/4		3/4	4,811.05	3/4	4,456.36	3/4	4,095.74	3/4	3,735.12	3/4	3,374.49	3/4	3,013.87	3/4	2,653.24

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 41'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HTCO 3085"

2 STBD

ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-04 1/4"

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	2,645.73	0	2,285.11	0	1,924.48	0	1,563.86	0	1,203.24	0	842.61	0	481.99	0	125.42	0		0	
1/4	2,638.22	1/4	2,277.60	1/4	1,916.97	1/4	1,556.35	1/4	1,195.73	1/4	835.10	1/4	474.48	1/4	118.49	1/4		1/4	
1/2	2,630.71	1/2	2,270.09	1/2	1,909.46	1/2	1,548.84	1/2	1,188.22	1/2	827.59	1/2	466.97	1/2	111.55	1/2		1/2	
3/4	2,623.19	3/4	2,262.57	3/4	1,901.94	3/4	1,541.32	3/4	1,180.70	3/4	820.07	3/4	459.45	3/4	104.62	3/4		3/4	
1	2,615.68	1	2,255.06	1	1,894.43	1	1,533.81	1	1,173.19	1	812.56	1	451.94	1	97.68	1		1	
1/4	2,608.17	1/4	2,247.55	1/4	1,886.92	1/4	1,526.30	1/4	1,165.68	1/4	805.05	1/4	444.43	1/4	90.75	1/4		1/4	
1/2	2,600.66	1/2	2,240.03	1/2	1,879.41	1/2	1,518.79	1/2	1,158.16	1/2	797.54	1/2	436.91	1/2	83.82	1/2		1/2	
3/4	2,593.14	3/4	2,232.52	3/4	1,871.89	3/4	1,511.27	3/4	1,150.65	3/4	790.02	3/4	429.40	3/4	76.88	3/4		3/4	
2	2,585.63	2	2,225.00	2	1,864.38	2	1,503.76	2	1,143.13	2	782.51	2	421.88	2	69.95	2		2	
1/4	2,578.12	1/4	2,217.49	1/4	1,856.87	1/4	1,496.25	1/4	1,135.62	1/4	775.00	1/4	414.37	1/4	63.14	1/4		1/4	
1/2	2,570.61	1/2	2,209.98	1/2	1,849.36	1/2	1,488.74	1/2	1,128.11	1/2	767.49	1/2	406.86	1/2	56.33	1/2		1/2	
3/4	2,563.09	3/4	2,202.46	3/4	1,841.84	3/4	1,481.22	3/4	1,120.59	3/4	759.97	3/4	399.34	3/4	49.52	3/4		3/4	
3	2,555.58	3	2,194.95	3	1,834.33	3	1,473.71	3	1,113.08	3	752.46	3	391.83	3	42.71	3		3	
1/4	2,548.07	1/4	2,187.44	1/4	1,826.82	1/4	1,466.20	1/4	1,105.57	1/4	744.95	1/4	384.32	1/4	37.43	1/4		1/4	
1/2	2,540.55	1/2	2,179.93	1/2	1,819.31	1/2	1,458.68	1/2	1,098.06	1/2	737.44	1/2	376.81	1/2	32.15	1/2		1/2	
3/4	2,533.04	3/4	2,172.41	3/4	1,811.79	3/4	1,451.17	3/4	1,090.54	3/4	729.92	3/4	369.29	3/4	26.87	3/4		3/4	
4	2,525.52	4	2,164.90	4	1,804.28	4	1,443.65	4	1,083.03	4	722.41	4	361.78	4	21.59	4		4	
1/4	2,518.01	1/4	2,157.39	1/4	1,796.77	1/4	1,436.14	1/4	1,075.52	1/4	714.90	1/4	354.27	1/4	18.06	1/4		1/4	
1/2	2,510.50	1/2	2,149.88	1/2	1,789.25	1/2	1,428.63	1/2	1,068.01	1/2	707.38	1/2	346.76	1/2		1/2		1/2	
3/4	2,502.98	3/4	2,142.36	3/4	1,781.74	3/4	1,421.11	3/4	1,060.49	3/4	699.87	3/4	339.24	3/4		3/4		3/4	
5	2,495.47	5	2,134.85	5	1,774.22	5	1,413.60	5	1,052.98	5	692.35	5	331.73	5		5		5	
1/4	2,487.96	1/4	2,127.34	1/4	1,766.71	1/4	1,406.09	1/4	1,045.47	1/4	684.84	1/4	324.22	1/4		1/4		1/4	
1/2	2,480.45	1/2	2,119.83	1/2	1,759.20	1/2	1,398.58	1/2	1,037.96	1/2	677.33	1/2	316.71	1/2		1/2		1/2	
3/4	2,472.93	3/4	2,112.31	3/4	1,751.68	3/4	1,391.06	3/4	1,030.44	3/4	669.81	3/4	309.19	3/4		3/4		3/4	
6	2,465.42	6	2,104.80	6	1,744.17	6	1,383.55	6	1,022.93	6	662.30	6	301.68	6		6		6	
1/4	2,457.91	1/4	2,097.29	1/4	1,736.66	1/4	1,376.04	1/4	1,015.42	1/4	654.79	1/4	294.17	1/4		1/4		1/4	
1/2	2,450.40	1/2	2,089.77	1/2	1,729.15	1/2	1,368.53	1/2	1,007.90	1/2	647.28	1/2	286.66	1/2		1/2		1/2	
3/4	2,442.88	3/4	2,082.26	3/4	1,721.63	3/4	1,361.01	3/4	1,000.39	3/4	639.76	3/4	279.14	3/4		3/4		3/4	
7	2,435.37	7	2,074.74	7	1,714.12	7	1,353.50	7	992.87	7	632.25	7	271.63	7		7		7	
1/4	2,427.86	1/4	2,067.23	1/4	1,706.61	1/4	1,345.99	1/4	985.36	1/4	624.74	1/4	264.12	1/4		1/4		1/4	
1/2	2,420.35	1/2	2,059.72	1/2	1,699.10	1/2	1,338.48	1/2	977.85	1/2	617.23	1/2	256.60	1/2		1/2		1/2	
3/4	2,412.83	3/4	2,052.20	3/4	1,691.58	3/4	1,330.96	3/4	970.33	3/4	609.71	3/4	249.09	3/4		3/4		3/4	
8	2,405.32	8	2,044.69	8	1,684.07	8	1,323.45	8	962.82	8	602.20	8	241.57	8		8		8	
1/4	2,397.81	1/4	2,037.18	1/4	1,676.56	1/4	1,315.94	1/4	955.31	1/4	594.69	1/4	234.06	1/4		1/4		1/4	
1/2	2,390.29	1/2	2,029.67	1/2	1,669.05	1/2	1,308.42	1/2	947.80	1/2	587.18	1/2	226.55	1/2		1/2		1/2	
3/4	2,382.78	3/4	2,022.15	3/4	1,661.53	3/4	1,300.91	3/4	940.28	3/4	579.66	3/4	219.03	3/4		3/4		3/4	
9	2,375.26	9	2,014.64	9	1,654.02	9	1,293.39	9	932.77	9	572.15	9	211.52	9		9		9	
1/4	2,367.75	1/4	2,007.13	1/4	1,646.51	1/4	1,285.88	1/4	925.26	1/4	564.64	1/4	204.01	1/4		1/4		1/4	
1/2	2,360.24	1/2	1,999.62	1/2	1,639.00	1/2	1,278.37	1/2	917.75	1/2	557.12	1/2	196.50	1/2		1/2		1/2	
3/4	2,352.72	3/4	1,992.10	3/4	1,631.48	3/4	1,270.85	3/4	910.23	3/4	549.61	3/4	188.98	3/4		3/4		3/4	
10	2,345.21	10	1,984.59	10	1,623.97	10	1,263.34	10	902.72	10	542.09	10	181.47	10		10		10	
1/4	2,337.70	1/4	1,977.08	1/4	1,616.46	1/4	1,255.83	1/4	895.21	1/4	534.58	1/4	174.39	1/4		1/4		1/4	
1/2	2,330.19	1/2	1,969.57	1/2	1,608.94	1/2	1,248.32	1/2	887.70	1/2	527.07	1/2	167.31	1/2		1/2		1/2	
3/4	2,322.67	3/4	1,962.05	3/4	1,601.43	3/4	1,240.80	3/4	880.18	3/4	519.55	3/4	160.23	3/4		3/4		3/4	
11	2,315.16	11	1,954.54	11	1,593.91	11	1,233.29	11	872.67	11	512.04	11	153.15	11		11		11	
1/4	2,307.65	1/4	1,947.03	1/4	1,586.40	1/4	1,225.78	1/4	865.16	1/4	504.53	1/4	146.22	1/4		1/4		1/4	
1/2	2,300.14	1/2	1,939.51	1/2	1,578.89	1/2	1,218.27	1/2	857.64	1/2	497.02	1/2	139.29	1/2		1/2		1/2	
3/4	2,292.62	3/4	1,932.00	3/4	1,571.37	3/4	1,210.75	3/4	850.13	3/4	489.50	3/4	132.35	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/17/2012 INSP.
RECALCULATED: 06/01/2022 CL
REPRINTED: 06/01/2022 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2022

PRECISION MEASUREMENT
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Pearland, Texas 77588
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BARGE "HTCO 3085"

3 PORT ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 17'-04 1/4"

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	4,461.94	0	4,208.31	0	3,954.68	0	3,701.05	0	3,402.24	0	3,039.31
1/4		1/4		1/4		1/4		1/4	4,456.66	1/4	4,203.03	1/4	3,949.40	1/4	3,695.77	1/4	3,394.68	1/4	3,031.75
1/2		1/2		1/2		1/2		1/2	4,451.38	1/2	4,197.74	1/2	3,944.11	1/2	3,690.48	1/2	3,387.12	1/2	3,024.19
3/4		3/4		3/4		3/4		3/4	4,446.10	3/4	4,192.46	3/4	3,938.83	3/4	3,685.20	3/4	3,379.56	3/4	3,016.63
1		1		1		1		1	4,440.81	1	4,187.17	1	3,933.54	1	3,679.91	1	3,371.99	1	3,009.06
1/4		1/4		1/4		1/4		1/4	4,435.53	1/4	4,181.89	1/4	3,928.26	1/4	3,674.63	1/4	3,364.43	1/4	3,001.50
1/2		1/2		1/2		1/2		1/2	4,430.24	1/2	4,176.61	1/2	3,922.98	1/2	3,669.34	1/2	3,356.87	1/2	2,993.94
3/4		3/4		3/4		3/4	4,668.20	3/4	4,424.96	3/4	4,171.33	3/4	3,917.70	3/4	3,664.06	3/4	3,349.31	3/4	2,986.38
2		2		2		2		2	4,419.67	2	4,166.04	2	3,912.41	2	3,658.77	2	3,341.75	2	2,978.82
1/4		1/4		1/4		1/4	4,661.16	1/4	4,414.39	1/4	4,160.76	1/4	3,907.13	1/4	3,653.49	1/4	3,334.19	1/4	2,971.26
1/2		1/2		1/2		1/2	4,657.25	1/2	4,409.10	1/2	4,155.47	1/2	3,901.84	1/2	3,648.21	1/2	3,326.63	1/2	2,963.70
3/4		3/4		3/4		3/4	4,653.34	3/4	4,403.82	3/4	4,150.19	3/4	3,896.56	3/4	3,642.93	3/4	3,319.07	3/4	2,956.14
3		3		3		3		3	4,649.42	3	4,398.53	3	4,144.90	3	3,891.27	3	3,637.64	3	3,311.50
1/4		1/4		1/4		1/4	4,644.73	1/4	4,393.25	1/4	4,139.62	1/4	3,885.99	1/4	3,632.33	1/4	3,303.94	1/4	2,941.02
1/2		1/2		1/2		1/2	4,640.03	1/2	4,387.97	1/2	4,134.34	1/2	3,880.70	1/2	3,627.01	1/2	3,296.38	1/2	2,933.46
3/4		3/4		3/4		3/4	4,635.34	3/4	4,382.69	3/4	4,129.06	3/4	3,875.42	3/4	3,621.69	3/4	3,288.82	3/4	2,925.90
4		4		4		4		4	4,630.64	4	4,377.40	4	4,123.77	4	3,870.13	4	3,616.37	4	3,281.26
1/4		1/4		1/4		1/4	4,625.46	1/4	4,372.12	1/4	4,118.49	1/4	3,864.85	1/4	3,610.81	1/4	3,273.70	1/4	2,910.77
1/2		1/2		1/2		1/2	4,620.27	1/2	4,366.83	1/2	4,113.20	1/2	3,859.57	1/2	3,605.25	1/2	3,266.14	1/2	2,903.21
3/4		3/4		3/4		3/4	4,615.08	3/4	4,361.55	3/4	4,107.92	3/4	3,854.29	3/4	3,599.69	3/4	3,258.58	3/4	2,895.65
5		5		5		5		5	4,609.89	5	4,356.26	5	4,102.63	5	3,849.00	5	3,594.12	5	3,251.02
1/4		1/4		1/4		1/4	4,604.61	1/4	4,350.98	1/4	4,097.35	1/4	3,843.72	1/4	3,588.23	1/4	3,243.46	1/4	2,880.53
1/2		1/2		1/2		1/2	4,599.33	1/2	4,345.70	1/2	4,092.06	1/2	3,838.43	1/2	3,582.34	1/2	3,235.90	1/2	2,872.97
3/4		3/4		3/4		3/4	4,594.05	3/4	4,340.42	3/4	4,086.78	3/4	3,833.15	3/4	3,576.45	3/4	3,228.34	3/4	2,865.41
6		6		6		6		6	4,588.76	6	4,335.13	6	4,081.49	6	3,827.86	6	3,570.56	6	3,220.77
1/4		1/4		1/4		1/4	4,583.48	1/4	4,329.85	1/4	4,076.21	1/4	3,822.58	1/4	3,564.33	1/4	3,213.21	1/4	2,850.28
1/2		1/2		1/2		1/2	4,578.19	1/2	4,324.56	1/2	4,070.93	1/2	3,817.30	1/2	3,558.09	1/2	3,205.65	1/2	2,842.72
3/4		3/4		3/4		3/4	4,572.91	3/4	4,319.28	3/4	4,065.65	3/4	3,812.02	3/4	3,551.86	3/4	3,198.09	3/4	2,835.16
7		7		7		7		7	4,567.62	7	4,313.99	7	4,060.36	7	3,806.73	7	3,545.62	7	3,190.53
1/4		1/4		1/4		1/4	4,562.34	1/4	4,308.71	1/4	4,055.08	1/4	3,801.45	1/4	3,539.04	1/4	3,182.97	1/4	2,820.04
1/2		1/2		1/2		1/2	4,557.06	1/2	4,303.42	1/2	4,049.79	1/2	3,796.16	1/2	3,532.46	1/2	3,175.41	1/2	2,812.48
3/4		3/4		3/4		3/4	4,551.78	3/4	4,298.14	3/4	4,044.51	3/4	3,790.88	3/4	3,525.88	3/4	3,167.85	3/4	2,804.92
8		8		8		8		8	4,546.49	8	4,292.85	8	4,039.22	8	3,785.59	8	3,519.30	8	3,160.28
1/4		1/4		1/4		1/4	4,541.21	1/4	4,287.57	1/4	4,033.94	1/4	3,780.31	1/4	3,512.38	1/4	3,152.72	1/4	2,789.80
1/2		1/2		1/2		1/2	4,535.92	1/2	4,282.29	1/2	4,028.66	1/2	3,775.02	1/2	3,505.45	1/2	3,145.16	1/2	2,782.24
3/4		3/4		3/4		3/4	4,530.64	3/4	4,277.01	3/4	4,023.38	3/4	3,769.74	3/4	3,498.52	3/4	3,137.60	3/4	2,774.68
9		9		9		9		9	4,525.35	9	4,271.72	9	4,018.09	9	3,764.45	9	3,491.59	9	3,130.04
1/4		1/4		1/4		1/4	4,520.07	1/4	4,266.44	1/4	4,012.81	1/4	3,759.17	1/4	3,484.32	1/4	3,122.48	1/4	2,759.55
1/2		1/2		1/2		1/2	4,514.78	1/2	4,261.15	1/2	4,007.52	1/2	3,753.89	1/2	3,477.05	1/2	3,114.92	1/2	2,751.99
3/4		3/4		3/4		3/4	4,509.50	3/4	4,255.87	3/4	4,002.24	3/4	3,748.61	3/4	3,469.78	3/4	3,107.36	3/4	2,744.43
10		10		10		10		10	4,504.21	10	4,250.58	10	3,996.95	10	3,743.32	10	3,462.50	10	3,099.80
1/4		1/4		1/4		1/4	4,498.93	1/4	4,245.30	1/4	3,991.67	1/4	3,738.04	1/4	3,455.00	1/4	3,092.24	1/4	2,729.31
1/2		1/2		1/2		1/2	4,493.65	1/2	4,240.02	1/2	3,986.38	1/2	3,732.75	1/2	3,447.49	1/2	3,084.68	1/2	2,721.75
3/4		3/4		3/4		3/4	4,488.37	3/4	4,234.74	3/4	3,981.10	3/4	3,727.47	3/4	3,439.99	3/4	3,077.12	3/4	2,714.19
11		11		11		11		11	4,483.08	11	4,229.45	11	3,975.81	11	3,722.18	11	3,432.48	11	3,069.55
1/4		1/4		1/4		1/4	4,477.80	1/4	4,224.17	1/4	3,970.53	1/4	3,716.90	1/4	3,424.92	1/4	3,061.99	1/4	2,699.06
1/2		1/2		1/2		1/2	4,472.51	1/2	4,218.88	1/2	3,965.25	1/2	3,711.62	1/2	3,417.36	1/2	3,054.43	1/2	2,691.50
3/4		3/4		3/4		3/4	4,467.23	3/4	4,213.60	3/4	3,959.97	3/4	3,706.34	3/4	3,409.80	3/4	3,046.87	3/4	2,683.94

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 40'-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 3085"

3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-04 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	2,676.38	0	2,313.45	0	1,950.52	0	1,587.59	0	1,224.67	0	861.37	0	496.94	0	133.39	0		0	
1/4	2,668.82	1/4	2,305.89	1/4	1,942.96	1/4	1,580.03	1/4	1,217.11	1/4	853.80	1/4	489.33	1/4	126.02	1/4		1/4	
1/2	2,661.26	1/2	2,298.33	1/2	1,935.40	1/2	1,572.47	1/2	1,209.55	1/2	846.22	1/2	481.72	1/2	118.65	1/2		1/2	
3/4	2,653.70	3/4	2,290.77	3/4	1,927.84	3/4	1,564.91	3/4	1,201.99	3/4	838.64	3/4	474.11	3/4	111.28	3/4		3/4	
1	2,646.14	1	2,283.21	1	1,920.28	1	1,557.35	1	1,194.42	1	831.06	1	466.50	1	103.91	1		1	
1/4	2,638.58	1/4	2,275.65	1/4	1,912.72	1/4	1,549.79	1/4	1,186.86	1/4	823.49	1/4	458.90	1/4	96.55	1/4		1/4	
1/2	2,631.02	1/2	2,268.09	1/2	1,905.16	1/2	1,542.23	1/2	1,179.30	1/2	815.91	1/2	451.29	1/2	89.18	1/2		1/2	
3/4	2,623.46	3/4	2,260.53	3/4	1,897.60	3/4	1,534.67	3/4	1,171.74	3/4	808.34	3/4	443.68	3/4	81.81	3/4		3/4	
2	2,615.89	2	2,252.96	2	1,890.03	2	1,527.11	2	1,164.18	2	800.76	2	436.07	2	74.44	2		2	
1/4	2,608.33	1/4	2,245.40	1/4	1,882.47	1/4	1,519.55	1/4	1,156.62	1/4	793.19	1/4	428.46	1/4	67.21	1/4		1/4	
1/2	2,600.77	1/2	2,237.84	1/2	1,874.91	1/2	1,511.99	1/2	1,149.06	1/2	785.61	1/2	420.85	1/2	59.97	1/2		1/2	
3/4	2,593.21	3/4	2,230.28	3/4	1,867.35	3/4	1,504.43	3/4	1,141.50	3/4	778.03	3/4	413.24	3/4	52.74	3/4		3/4	
3	2,585.65	3	2,222.72	3	1,859.79	3	1,496.86	3	1,133.94	3	770.45	3	405.63	3	45.50	3		3	
1/4	2,578.09	1/4	2,215.16	1/4	1,852.23	1/4	1,489.30	1/4	1,126.38	1/4	762.88	1/4	398.03	1/4	39.90	1/4		1/4	
1/2	2,570.53	1/2	2,207.60	1/2	1,844.67	1/2	1,481.74	1/2	1,118.82	1/2	755.30	1/2	390.42	1/2	34.30	1/2		1/2	
3/4	2,562.97	3/4	2,200.04	3/4	1,837.11	3/4	1,474.18	3/4	1,111.26	3/4	747.72	3/4	382.81	3/4	28.70	3/4		3/4	
4	2,555.40	4	2,192.47	4	1,829.55	4	1,466.62	4	1,103.69	4	740.14	4	375.20	4	23.10	4		4	
1/4	2,547.84	1/4	2,184.91	1/4	1,821.99	1/4	1,459.06	1/4	1,096.13	1/4	732.57	1/4	367.59	1/4	19.31	1/4		1/4	
1/2	2,540.28	1/2	2,177.35	1/2	1,814.43	1/2	1,451.50	1/2	1,088.57	1/2	724.99	1/2	359.98	1/2		1/2		1/2	
3/4	2,532.72	3/4	2,169.79	3/4	1,806.87	3/4	1,443.94	3/4	1,081.01	3/4	717.41	3/4	352.37	3/4		3/4		3/4	
5	2,525.16	5	2,162.23	5	1,799.30	5	1,436.38	5	1,073.45	5	709.83	5	344.76	5		5		5	
1/4	2,517.60	1/4	2,154.67	1/4	1,791.74	1/4	1,428.82	1/4	1,065.89	1/4	702.26	1/4	337.15	1/4		1/4		1/4	
1/2	2,510.04	1/2	2,147.11	1/2	1,784.18	1/2	1,421.26	1/2	1,058.33	1/2	694.68	1/2	329.54	1/2		1/2		1/2	
3/4	2,502.48	3/4	2,139.55	3/4	1,776.62	3/4	1,413.70	3/4	1,050.77	3/4	687.10	3/4	321.93	3/4		3/4		3/4	
6	2,494.92	6	2,131.99	6	1,769.06	6	1,406.13	6	1,043.20	6	679.52	6	314.32	6		6		6	
1/4	2,487.36	1/4	2,124.43	1/4	1,761.50	1/4	1,398.57	1/4	1,035.63	1/4	671.92	1/4	306.72	1/4		1/4		1/4	
1/2	2,479.80	1/2	2,116.87	1/2	1,753.94	1/2	1,391.01	1/2	1,028.06	1/2	664.32	1/2	299.11	1/2		1/2		1/2	
3/4	2,472.24	3/4	2,109.31	3/4	1,746.38	3/4	1,383.45	3/4	1,020.49	3/4	656.72	3/4	291.50	3/4		3/4		3/4	
7	2,464.67	7	2,101.74	7	1,738.81	7	1,375.89	7	1,012.91	7	649.12	7	283.89	7		7		7	
1/4	2,457.11	1/4	2,094.18	1/4	1,731.25	1/4	1,368.33	1/4	1,005.34	1/4	641.51	1/4	276.28	1/4		1/4		1/4	
1/2	2,449.55	1/2	2,086.62	1/2	1,723.69	1/2	1,360.77	1/2	997.76	1/2	633.90	1/2	268.67	1/2		1/2		1/2	
3/4	2,441.99	3/4	2,079.06	3/4	1,716.13	3/4	1,353.21	3/4	990.18	3/4	626.29	3/4	261.06	3/4		3/4		3/4	
8	2,434.43	8	2,071.50	8	1,708.57	8	1,345.64	8	982.60	8	618.68	8	253.45	8		8		8	
1/4	2,426.87	1/4	2,063.94	1/4	1,701.01	1/4	1,338.08	1/4	975.03	1/4	611.08	1/4	245.85	1/4		1/4		1/4	
1/2	2,419.31	1/2	2,056.38	1/2	1,693.45	1/2	1,330.52	1/2	967.45	1/2	603.47	1/2	238.24	1/2		1/2		1/2	
3/4	2,411.75	3/4	2,048.82	3/4	1,685.89	3/4	1,322.96	3/4	959.88	3/4	595.86	3/4	230.63	3/4		3/4		3/4	
9	2,404.18	9	2,041.25	9	1,678.33	9	1,315.40	9	952.30	9	588.25	9	223.02	9		9		9	
1/4	2,396.62	1/4	2,033.69	1/4	1,670.77	1/4	1,307.84	1/4	944.73	1/4	580.64	1/4	215.41	1/4		1/4		1/4	
1/2	2,389.06	1/2	2,026.13	1/2	1,663.21	1/2	1,300.28	1/2	937.15	1/2	573.03	1/2	207.80	1/2		1/2		1/2	
3/4	2,381.50	3/4	2,018.57	3/4	1,655.65	3/4	1,292.72	3/4	929.57	3/4	565.42	3/4	200.19	3/4		3/4		3/4	
10	2,373.94	10	2,011.01	10	1,648.08	10	1,285.16	10	921.99	10	557.81	10	192.58	10		10		10	
1/4	2,366.38	1/4	2,003.45	1/4	1,640.52	1/4	1,277.60	1/4	914.42	1/4	550.21	1/4	185.15	1/4		1/4		1/4	
1/2	2,358.82	1/2	1,995.89	1/2	1,632.96	1/2	1,270.04	1/2	906.84	1/2	542.60	1/2	177.72	1/2		1/2		1/2	
3/4	2,351.26	3/4	1,988.33	3/4	1,625.40	3/4	1,262.48	3/4	899.26	3/4	534.99	3/4	170.29	3/4		3/4		3/4	
11	2,343.70	11	1,980.77	11	1,617.84	11	1,254.91	11	891.68	11	527.38	11	162.86	11		11		11	
1/4	2,336.14	1/4	1,973.21	1/4	1,610.28	1/4	1,247.35	1/4	884.11	1/4	519.77	1/4	155.50	1/4		1/4		1/4	
1/2	2,328.58	1/2	1,965.65	1/2	1,602.72	1/2	1,239.79	1/2	876.53	1/2	512.16	1/2	148.13	1/2		1/2		1/2	
3/4	2,321.02	3/4	1,958.09	3/4	1,595.16	3/4	1,232.23	3/4	868.95	3/4	504.55	3/4	140.76	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/17/2012 INSP.
RECALCULATED: 06/01/2022 CL
REPRINTED: 06/01/2022 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2022

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
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BARGE "HTCO 3085"

3 STBD ULLAGE TABLE

HERMETIC

GAUGE HEIGHT: 17'-04 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0		0	4,461.94	0	4,208.31	0	3,954.68	0	3,701.05	0	3,402.24	0	3,039.31
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,456.66	1/4	4,203.03	1/4	3,949.40	1/4	3,695.77	1/4	3,394.68	1/4	3,031.75
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,451.38	1/2	4,197.74	1/2	3,944.11	1/2	3,690.48	1/2	3,387.12	1/2	3,024.19
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,446.10	3/4	4,192.46	3/4	3,938.83	3/4	3,685.20	3/4	3,379.56	3/4	3,016.63
1		1		1		1		1	4,440.81	1	4,187.17	1	3,933.54	1	3,679.91	1	3,371.99	1	3,009.06
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,435.53	1/4	4,181.89	1/4	3,928.26	1/4	3,674.63	1/4	3,364.43	1/4	3,001.50
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,430.24	1/2	4,176.61	1/2	3,922.98	1/2	3,669.34	1/2	3,356.87	1/2	2,993.94
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,668.20	3/4	4,424.96	3/4	4,171.33	3/4	3,917.70	3/4	3,664.06	3/4	3,349.31
2		2		2		2		2	4,665.07	2	4,419.67	2	4,166.04	2	3,912.41	2	3,658.77	2	3,341.75
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,661.16	1/4	4,414.39	1/4	4,160.76	1/4	3,907.13	1/4	3,653.49	1/4	3,334.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,657.25	1/2	4,409.10	1/2	4,155.47	1/2	3,901.84	1/2	3,648.21	1/2	3,326.63
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,653.34	3/4	4,403.82	3/4	4,150.19	3/4	3,896.56	3/4	3,642.93	3/4	3,319.07
3		3		3		3		3	4,649.42	3	4,398.53	3	4,144.90	3	3,891.27	3	3,637.64	3	3,311.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,644.73	1/4	4,393.25	1/4	4,139.62	1/4	3,885.99	1/4	3,632.33	1/4	3,303.94
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,640.03	1/2	4,387.97	1/2	4,134.34	1/2	3,880.70	1/2	3,627.01	1/2	3,296.38
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,635.34	3/4	4,382.69	3/4	4,129.06	3/4	3,875.42	3/4	3,621.69	3/4	3,288.82
4		4		4		4		4	4,630.64	4	4,377.40	4	4,123.77	4	3,870.13	4	3,616.37	4	3,281.26
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,625.46	1/4	4,372.12	1/4	4,118.49	1/4	3,864.85	1/4	3,610.81	1/4	3,273.70
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,620.27	1/2	4,366.83	1/2	4,113.20	1/2	3,859.57	1/2	3,605.25	1/2	3,266.14
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,615.08	3/4	4,361.55	3/4	4,107.92	3/4	3,854.29	3/4	3,599.69	3/4	3,258.58
5		5		5		5		5	4,609.89	5	4,356.26	5	4,102.63	5	3,849.00	5	3,594.12	5	3,251.02
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,604.61	1/4	4,350.98	1/4	4,097.35	1/4	3,843.72	1/4	3,588.23	1/4	3,243.46
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,599.33	1/2	4,345.70	1/2	4,092.06	1/2	3,838.43	1/2	3,582.34	1/2	3,235.90
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,594.05	3/4	4,340.42	3/4	4,086.78	3/4	3,833.15	3/4	3,576.45	3/4	3,228.34
6		6		6		6		6	4,588.76	6	4,335.13	6	4,081.49	6	3,827.86	6	3,570.56	6	3,220.77
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,583.48	1/4	4,329.85	1/4	4,076.21	1/4	3,822.58	1/4	3,564.33	1/4	3,213.21
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,578.19	1/2	4,324.56	1/2	4,070.93	1/2	3,817.30	1/2	3,558.09	1/2	3,205.65
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,572.91	3/4	4,319.28	3/4	4,065.65	3/4	3,812.02	3/4	3,551.86	3/4	3,198.09
7		7		7		7		7	4,567.62	7	4,313.99	7	4,060.36	7	3,806.73	7	3,545.62	7	3,190.53
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,562.34	1/4	4,308.71	1/4	4,055.08	1/4	3,801.45	1/4	3,539.04	1/4	3,182.97
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,557.06	1/2	4,303.42	1/2	4,049.79	1/2	3,796.16	1/2	3,532.46	1/2	3,175.41
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,551.78	3/4	4,298.14	3/4	4,044.51	3/4	3,790.88	3/4	3,525.88	3/4	3,167.85
8		8		8		8		8	4,546.49	8	4,292.85	8	4,039.22	8	3,785.59	8	3,519.30	8	3,160.28
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,541.21	1/4	4,287.57	1/4	4,033.94	1/4	3,780.31	1/4	3,512.38	1/4	3,152.72
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,535.92	1/2	4,282.29	1/2	4,028.66	1/2	3,775.02	1/2	3,505.45	1/2	3,145.16
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,530.64	3/4	4,277.01	3/4	4,023.38	3/4	3,769.74	3/4	3,498.52	3/4	3,137.60
9		9		9		9		9	4,525.35	9	4,271.72	9	4,018.09	9	3,764.45	9	3,491.59	9	3,130.04
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,520.07	1/4	4,266.44	1/4	4,012.81	1/4	3,759.17	1/4	3,484.32	1/4	3,122.48
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,514.78	1/2	4,261.15	1/2	4,007.52	1/2	3,753.89	1/2	3,477.05	1/2	3,114.92
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,509.50	3/4	4,255.87	3/4	4,002.24	3/4	3,748.61	3/4	3,469.78	3/4	3,107.36
10		10		10		10		10	4,504.21	10	4,250.58	10	3,996.95	10	3,743.32	10	3,462.50	10	3,099.80
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,498.93	1/4	4,245.30	1/4	3,991.67	1/4	3,738.04	1/4	3,455.00	1/4	3,092.24
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,493.65	1/2	4,240.02	1/2	3,986.38	1/2	3,732.75	1/2	3,447.49	1/2	3,084.68
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,488.37	3/4	4,234.74	3/4	3,981.10	3/4	3,727.47	3/4	3,439.99	3/4	3,077.12
11		11		11		11		11	4,483.08	11	4,229.45	11	3,975.81	11	3,722.18	11	3,432.48	11	3,069.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,477.80	1/4	4,224.17	1/4	3,970.53	1/4	3,716.90	1/4	3,424.92	1/4	3,061.99
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,472.51	1/2	4,218.88	1/2	3,965.25	1/2	3,711.62	1/2	3,417.36	1/2	3,054.43
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,467.23	3/4	4,213.60	3/4	3,959.97	3/4	3,706.34	3/4	3,409.80	3/4	3,046.87

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 40'-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 3085"

3 STBD

ULLAGE TABLE
HERMETIC

GAUGE HEIGHT 17'-04 1/4"

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	2,676.38	0	2,313.45	0	1,950.52	0	1,587.59	0	1,224.67	0	861.37	0	496.94	0	133.39	0		0	
1/4	2,668.82	1/4	2,305.89	1/4	1,942.96	1/4	1,580.03	1/4	1,217.11	1/4	853.80	1/4	489.33	1/4	126.02	1/4		1/4	
1/2	2,661.26	1/2	2,298.33	1/2	1,935.40	1/2	1,572.47	1/2	1,209.55	1/2	846.22	1/2	481.72	1/2	118.65	1/2		1/2	
3/4	2,653.70	3/4	2,290.77	3/4	1,927.84	3/4	1,564.91	3/4	1,201.99	3/4	838.64	3/4	474.11	3/4	111.28	3/4		3/4	
1	2,646.14	1	2,283.21	1	1,920.28	1	1,557.35	1	1,194.42	1	831.06	1	466.50	1	103.91	1		1	
1/4	2,638.58	1/4	2,275.65	1/4	1,912.72	1/4	1,549.79	1/4	1,186.86	1/4	823.49	1/4	458.90	1/4	96.55	1/4		1/4	
1/2	2,631.02	1/2	2,268.09	1/2	1,905.16	1/2	1,542.23	1/2	1,179.30	1/2	815.91	1/2	451.29	1/2	89.18	1/2		1/2	
3/4	2,623.46	3/4	2,260.53	3/4	1,897.60	3/4	1,534.67	3/4	1,171.74	3/4	808.34	3/4	443.68	3/4	81.81	3/4		3/4	
2	2,615.89	2	2,252.96	2	1,890.03	2	1,527.11	2	1,164.18	2	800.76	2	436.07	2	74.44	2		2	
1/4	2,608.33	1/4	2,245.40	1/4	1,882.47	1/4	1,519.55	1/4	1,156.62	1/4	793.19	1/4	428.46	1/4	67.21	1/4		1/4	
1/2	2,600.77	1/2	2,237.84	1/2	1,874.91	1/2	1,511.99	1/2	1,149.06	1/2	785.61	1/2	420.85	1/2	59.97	1/2		1/2	
3/4	2,593.21	3/4	2,230.28	3/4	1,867.35	3/4	1,504.43	3/4	1,141.50	3/4	778.03	3/4	413.24	3/4	52.74	3/4		3/4	
3	2,585.65	3	2,222.72	3	1,859.79	3	1,496.86	3	1,133.94	3	770.45	3	405.63	3	45.50	3		3	
1/4	2,578.09	1/4	2,215.16	1/4	1,852.23	1/4	1,489.30	1/4	1,126.38	1/4	762.88	1/4	398.03	1/4	39.90	1/4		1/4	
1/2	2,570.53	1/2	2,207.60	1/2	1,844.67	1/2	1,481.74	1/2	1,118.82	1/2	755.30	1/2	390.42	1/2	34.30	1/2		1/2	
3/4	2,562.97	3/4	2,200.04	3/4	1,837.11	3/4	1,474.18	3/4	1,111.26	3/4	747.72	3/4	382.81	3/4	28.70	3/4		3/4	
4	2,555.40	4	2,192.47	4	1,829.55	4	1,466.62	4	1,103.69	4	740.14	4	375.20	4	23.10	4		4	
1/4	2,547.84	1/4	2,184.91	1/4	1,821.99	1/4	1,459.06	1/4	1,096.13	1/4	732.57	1/4	367.59	1/4	19.31	1/4		1/4	
1/2	2,540.28	1/2	2,177.35	1/2	1,814.43	1/2	1,451.50	1/2	1,088.57	1/2	724.99	1/2	359.98	1/2		1/2		1/2	
3/4	2,532.72	3/4	2,169.79	3/4	1,806.87	3/4	1,443.94	3/4	1,081.01	3/4	717.41	3/4	352.37	3/4		3/4		3/4	
5	2,525.16	5	2,162.23	5	1,799.30	5	1,436.38	5	1,073.45	5	709.83	5	344.76	5		5		5	
1/4	2,517.60	1/4	2,154.67	1/4	1,791.74	1/4	1,428.82	1/4	1,065.89	1/4	702.26	1/4	337.15	1/4		1/4		1/4	
1/2	2,510.04	1/2	2,147.11	1/2	1,784.18	1/2	1,421.26	1/2	1,058.33	1/2	694.68	1/2	329.54	1/2		1/2		1/2	
3/4	2,502.48	3/4	2,139.55	3/4	1,776.62	3/4	1,413.70	3/4	1,050.77	3/4	687.10	3/4	321.93	3/4		3/4		3/4	
6	2,494.92	6	2,131.99	6	1,769.06	6	1,406.13	6	1,043.20	6	679.52	6	314.32	6		6		6	
1/4	2,487.36	1/4	2,124.43	1/4	1,761.50	1/4	1,398.57	1/4	1,035.63	1/4	671.92	1/4	306.72	1/4		1/4		1/4	
1/2	2,479.80	1/2	2,116.87	1/2	1,753.94	1/2	1,391.01	1/2	1,028.06	1/2	664.32	1/2	299.11	1/2		1/2		1/2	
3/4	2,472.24	3/4	2,109.31	3/4	1,746.38	3/4	1,383.45	3/4	1,020.49	3/4	656.72	3/4	291.50	3/4		3/4		3/4	
7	2,464.67	7	2,101.74	7	1,738.81	7	1,375.89	7	1,012.91	7	649.12	7	283.89	7		7		7	
1/4	2,457.11	1/4	2,094.18	1/4	1,731.25	1/4	1,368.33	1/4	1,005.34	1/4	641.51	1/4	276.28	1/4		1/4		1/4	
1/2	2,449.55	1/2	2,086.62	1/2	1,723.69	1/2	1,360.77	1/2	997.76	1/2	633.90	1/2	268.67	1/2		1/2		1/2	
3/4	2,441.99	3/4	2,079.06	3/4	1,716.13	3/4	1,353.21	3/4	990.18	3/4	626.29	3/4	261.06	3/4		3/4		3/4	
8	2,434.43	8	2,071.50	8	1,708.57	8	1,345.64	8	982.60	8	618.68	8	253.45	8		8		8	
1/4	2,426.87	1/4	2,063.94	1/4	1,701.01	1/4	1,338.08	1/4	975.03	1/4	611.08	1/4	245.85	1/4		1/4		1/4	
1/2	2,419.31	1/2	2,056.38	1/2	1,693.45	1/2	1,330.52	1/2	967.45	1/2	603.47	1/2	238.24	1/2		1/2		1/2	
3/4	2,411.75	3/4	2,048.82	3/4	1,685.89	3/4	1,322.96	3/4	959.88	3/4	595.86	3/4	230.63	3/4		3/4		3/4	
9	2,404.18	9	2,041.25	9	1,678.33	9	1,315.40	9	952.30	9	588.25	9	223.02	9		9		9	
1/4	2,396.62	1/4	2,033.69	1/4	1,670.77	1/4	1,307.84	1/4	944.73	1/4	580.64	1/4	215.41	1/4		1/4		1/4	
1/2	2,389.06	1/2	2,026.13	1/2	1,663.21	1/2	1,300.28	1/2	937.15	1/2	573.03	1/2	207.80	1/2		1/2		1/2	
3/4	2,381.50	3/4	2,018.57	3/4	1,655.65	3/4	1,292.72	3/4	929.57	3/4	565.42	3/4	200.19	3/4		3/4		3/4	
10	2,373.94	10	2,011.01	10	1,648.08	10	1,285.16	10	921.99	10	557.81	10	192.58	10		10		10	
1/4	2,366.38	1/4	2,003.45	1/4	1,640.52	1/4	1,277.60	1/4	914.42	1/4	550.21	1/4	185.15	1/4		1/4		1/4	
1/2	2,358.82	1/2	1,995.89	1/2	1,632.96	1/2	1,270.04	1/2	906.84	1/2	542.60	1/2	177.72	1/2		1/2		1/2	
3/4	2,351.26	3/4	1,988.33	3/4	1,625.40	3/4	1,262.48	3/4	899.26	3/4	534.99	3/4	170.29	3/4		3/4		3/4	
11	2,343.70	11	1,980.77	11	1,617.84	11	1,254.91	11	891.68	11	527.38	11	162.86	11		11		11	
1/4	2,336.14	1/4	1,973.21	1/4	1,610.28	1/4	1,247.35	1/4	884.11	1/4	519.77	1/4	155.50	1/4		1/4		1/4	
1/2	2,328.58	1/2	1,965.65	1/2	1,602.72	1/2	1,239.79	1/2	876.53	1/2	512.16	1/2	148.13	1/2		1/2		1/2	
3/4	2,321.02	3/4	1,958.09	3/4	1,595.16	3/4	1,232.23	3/4	868.95	3/4	504.55	3/4	140.76	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/17/2012 INSP.
RECALCULATED: 06/01/2022 CL
REPRINTED: 06/01/2022 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2022

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HTCO 3085"

FWD SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE 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	449	0	898	0	1,346	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	916	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	1,823	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	944	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	1,851	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	972	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	1,879	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	1,449	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	570	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	1,477	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	598	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	1,505	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	626	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	1,533	5	1,982	5		5		5		5		5	
1/4	196	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	1,103	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	2,010	3/4		3/4		3/4		3/4		3/4	
6	224	6	673	6	1,122	6	1,571	6	2,020	6		6		6		6		6	
1/4	234	1/4	683	1/4	1,131	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	252	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	1,159	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	729	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	1,636	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	757	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	1,664	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	785	9	1,234	9	1,683	9		9		9		9		9		9	
1/4	346	1/4	795	1/4	1,244	1/4	1,692	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	383	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	1,290	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	411	11	860	11	1,309	11	1,758	11		11		11		11		11		11	
1/4	421	1/4	870	1/4	1,318	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	439	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.

STRAPPED: 06/01/2022 CL
CALCULATED: 06/01/2022 CL
PRINTED: 06/01/2022 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2022

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 3085"

AFT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE 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	449	0	898	0	1,346	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	916	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	1,823	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	944	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	1,851	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	972	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	1,879	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	1,449	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	570	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	1,477	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	598	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	1,505	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	626	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	1,533	5	1,982	5		5		5		5		5	
1/4	196	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	1,103	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	2,010	3/4		3/4		3/4		3/4		3/4	
6	224	6	673	6	1,122	6	1,571	6	2,020	6		6		6		6		6	
1/4	234	1/4	683	1/4	1,131	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	252	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	1,159	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	729	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	1,636	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	757	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	1,664	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	785	9	1,234	9	1,683	9		9		9		9		9		9	
1/4	346	1/4	795	1/4	1,244	1/4	1,692	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	383	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	1,290	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	411	11	860	11	1,309	11	1,758	11		11		11		11		11		11	
1/4	421	1/4	870	1/4	1,318	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	439	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.

STRAPPED: 06/01/2022 CL
CALCULATED: 06/01/2022 CL
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CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2022

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 3085"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE 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	120	0	301	0	465	0		0		0		0		0		0	
1/4	1	1/4	124	1/4	305	1/4	468	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2	1/2	127	1/2	309	1/2	470	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2	3/4	131	3/4	313	3/4	473	3/4		3/4		3/4		3/4		3/4		3/4	
1	3	1	134	1	316	1	476	1		1		1		1		1		1	
1/4	5	1/4	138	1/4	320	1/4	478	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	6	1/2	142	1/2	324	1/2	480	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	7	3/4	145	3/4	328	3/4	483	3/4		3/4		3/4		3/4		3/4		3/4	
2	9	2	149	2	331	2	485	2		2		2		2		2		2	
1/4	11	1/4	152	1/4	335	1/4	487	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	13	1/2	156	1/2	339	1/2	489	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	14	3/4	160	3/4	343	3/4	491	3/4		3/4		3/4		3/4		3/4		3/4	
3	16	3	163	3	346	3	494	3		3		3		3		3		3	
1/4	18	1/4	167	1/4	350	1/4	495	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	20	1/2	171	1/2	354	1/2	497	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	23	3/4	175	3/4	357	3/4	499	3/4		3/4		3/4		3/4		3/4		3/4	
4	25	4	178	4	361	4	501	4		4		4		4		4		4	
1/4	27	1/4	182	1/4	365	1/4	502	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	29	1/2	186	1/2	368	1/2	504	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	32	3/4	190	3/4	372	3/4	505	3/4		3/4		3/4		3/4		3/4		3/4	
5	34	5	193	5	375	5	507	5		5		5		5		5		5	
1/4	37	1/4	197	1/4	379	1/4	507	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	39	1/2	201	1/2	383	1/2	508	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	42	3/4	205	3/4	386	3/4	509	3/4		3/4		3/4		3/4		3/4		3/4	
6	45	6	209	6	390	6	510	6		6		6		6		6		6	
1/4	47	1/4	213	1/4	393	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	50	1/2	216	1/2	396	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	53	3/4	220	3/4	400	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	56	7	224	7	403	7		7		7		7		7		7		7	
1/4	59	1/4	228	1/4	407	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	62	1/2	232	1/2	410	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	236	3/4	413	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	68	8	239	8	417	8		8		8		8		8		8		8	
1/4	71	1/4	243	1/4	420	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	74	1/2	247	1/2	423	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	77	3/4	251	3/4	426	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	80	9	255	9	430	9		9		9		9		9		9		9	
1/4	83	1/4	259	1/4	433	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	87	1/2	263	1/2	436	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	90	3/4	266	3/4	439	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	93	10	270	10	442	10		10		10		10		10		10		10	
1/4	96	1/4	274	1/4	445	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	100	1/2	278	1/2	448	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	103	3/4	282	3/4	451	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	106	11	286	11	454	11		11		11		11		11		11		11	
1/4	110	1/4	290	1/4	457	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113	1/2	293	1/2	460	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117	3/4	297	3/4	462	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.

STRAPPED: 06/01/2022 CL
CALCULATED: 06/01/2022 CL
PRINTED: 06/01/2022 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2022

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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