BARGE "HTCO 3150"

ULLAGE TRIM TABLE (HERMETIC)

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
1 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
1 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
2 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	00-3/4	- 00-3/4	00-7/8	- 00-7/8
2 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	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	00-1/2	- 00-1/2	00-5/8	- 00-5/8
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	00-5/8	- 00-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT	=	2'-00"	
AFT DRAFT	=	4'-00"	
DIFF.	=	2'-00"	(DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 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"

May 11, 2021

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

http://www.pmacorp.net

BARGE "HTCO 3150"

1 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03"

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	4,675.13	0	4,318.64	0	3,960.96	0	3,603.25	0	3,245.53	0	2,887.80
1/4		1/4		1/4		1/4		1/4	4,667.74	1/4	4,311.20	1/4	3,953.51	1/4	3,595.79	1/4	3,238.08	1/4	2,880.34
1/2		1/2		1/2		1/2	5,003.51	1/2	4,660.35	1/2	4,303.76	1/2	3,946.06	1/2	3,588.34	1/2	3,230.63	1/2	2,872.88
3/4		3/4		3/4		3/4	4,998.78	3/4	4,652.95	3/4	4,296.32	3/4	3,938.60	3/4	3,580.89	3/4	3,223.17	3/4	2,865.43
1		1		1		1	4,992.98	1	4,645.54	1	4,288.87	1	3,931.15	1	3,573.44	1	3,215.72	1	2,857.97
1/4		1/4		1/4		1/4	4,987.18	1/4	4,638.13	1/4	4,281.41	1/4	3,923.70	1/4	3,565.98	1/4	3,208.27	1/4	2,850.52
1/2		1/2		1/2		1/2	4,981.39	1/2	4,630.72	1/2	4,273.96	1/2	3,916.25	1/2	3,558.53	1/2	3,200.82	1/2	2,843.06
3/4		3/4		3/4		3/4	4,975.59	3/4	4,623.31	3/4	4,266.51	3/4	3,908.79	3/4	3,551.08	3/4	3,193.36	3/4	2,835.60
2		2		2		2	4,968.79	2	4,615.88	2	4,259.06	2	3,901.34	2	3,543.63	2	3,185.91	2	2,828.15
1/4		1/4		1/4		1/4	4,962.00	1/4	4,608.45	1/4	4,251.60	1/4	3,893.89	1/4	3,536.17	1/4	3,178.46	1/4	2,820.69
1/2		1/2		1/2		1/2	4,955.20	1/2	4,601.02	1/2	4,244.15	1/2	3,886.44	1/2	3,528.72	1/2	3,171.01	1/2	2,813.23
3/4		3/4		3/4		3/4	4,948.40	3/4	4,593.59	3/4	4,236.70	3/4	3,878.98	3/4	3,521.27	3/4	3,163.55	3/4	2,805.78
3		3		3		3	4,941.07	3	4,586.16	3	4,229.25	3	3,871.53	3	3,513.82	3	3,156.10	3	2,798.32
1/4		1/4		1/4		1/4	4,933.74	1/4	4,578.73	1/4	4,221.79	1/4	3,864.08	1/4	3,506.36	1/4	3,148.65	1/4	2,790.86
1/2		1/2		1/2		1/2	4,926.41	1/2	4,571.30	1/2	4,214.34	1/2	3,856.63	1/2	3,498.91	1/2	3,141.20	1/2	2,783.41
3/4		3/4		3/4		3/4	4,919.08	3/4	4,563.87	3/4	4,206.89	3/4	3,849.17	3/4	3,491.46	3/4	3,133.74	3/4	2,775.95
4		4		4		4	4,911.69	4	4,556.44	4	4,199.44	4	3,841.72	4	3,484.01	4	3,126.29	4	2,768.49
1/4		1/4		1/4		1/4	4,904.29	1/4	4,549.01	1/4	4,191.98	1/4	3,834.27	1/4	3,476.55	1/4	3,118.84	1/4	2,761.04
1/2		1/2		1/2		1/2	4,896.90	1/2	4,541.58	1/2	4,184.53	1/2	3,826.82	1/2	3,469.10	1/2	3,111.39	1/2	2,753.58
3/4		3/4		3/4		3/4	4,889.50	3/4	4,534.14	3/4	4,177.08	3/4	3,819.36	3/4	3,461.65	3/4	3,103.93	3/4	2,746.13
5		5		5		5	4,882.11	5	4,526.71	5	4,169.63	5	3,811.91	5	3,454.20	5	3,096.48	5	2,738.67
1/4		1/4		1/4		1/4	4,874.72	1/4	4,519.28	1/4	4,162.18	1/4	3,804.46	1/4	3,446.74	1/4	3,089.03	1/4	2,731.21
1/2		1/2		1/2		1/2	4,867.32	1/2	4,511.85	1/2	4,154.72	1/2	3,797.01	1/2	3,439.29	1/2	3,081.58	1/2	2,723.76
3/4		3/4		3/4		3/4	4,859.93	3/4	4,504.42	3/4	4,147.27	3/4	3,789.56	3/4	3,431.84	3/4	3,074.12	3/4	2,716.30
6		6		6		6	4,852.53	6	4,496.99	6	4,139.82	6	3,782.10	6	3,424.39	6	3,066.67	6	2,708.84
1/4		1/4		1/4		1/4	4,845.14	1/4	4,489.56	1/4	4,132.37	1/4	3,774.65	1/4	3,416.94	1/4	3,059.22	1/4	2,701.39
1/2		1/2		1/2		1/2	4,837.74	1/2	4,482.13	1/2	4,124.91	1/2	3,767.20	1/2	3,409.48	1/2	3,051.77	1/2	2,693.93
3/4		3/4		3/4		3/4	4,830.35	3/4	4,474.70	3/4	4,117.46	3/4	3,759.75	3/4	3,402.03	3/4	3,044.32	3/4	2,686.47
7		7		7		7	4,822.95	7	4,467.27	7	4,110.01	7	3,752.29	7	3,394.58	7	3,036.86	7	2,679.02
1/4		1/4		1/4		1/4	4,815.56	1/4	4,459.84	1/4	4,102.56	1/4	3,744.84	1/4	3,387.13	1/4	3,029.41	1/4	2,671.56
1/2		1/2		1/2		1/2	4,808.17	1/2	4,452.41	1/2	4,095.10	1/2	3,737.39	1/2	3,379.67	1/2	3,021.96	1/2	2,664.11
3/4		3/4		3/4		3/4	4,800.77	3/4	4,444.98	3/4	4,087.65	3/4	3,729.94	3/4	3,372.22	3/4	3,014.51	3/4	2,656.65
8		8		8		8	4,793.38	8	4,437.55	8	4,080.20	8	3,722.48	8	3,364.77	8	3,007.05	8	2,649.19
1/4		1/4		1/4		1/4	4,785.99	1/4	4,430.11	1/4	4,072.75	1/4	3,715.03	1/4	3,357.32	1/4	2,999.60	1/4	2,641.74
1/2		1/2		1/2		1/2	4,778.60	1/2	4,422.68	1/2	4,065.29	1/2	3,707.58	1/2	3,349.86	1/2	2,992.15	1/2	2,634.28
3/4		3/4		3/4		3/4	4,771.21	3/4	4,415.25	3/4	4,057.84	3/4	3,700.13	3/4	3,342.41	3/4	2,984.70	3/4	2,626.82
9		9		9		9	4,763.82	9	4,407.82	9	4,050.39	9	3,692.67	9	3,334.96	9	2,977.24	9	2,619.37
1/4		1/4		1/4		1/4	4,756.43	1/4	4,400.39	1/4	4,042.94	1/4	3,685.22	1/4	3,327.51	1/4	2,969.79	1/4	2,611.91
1/2		1/2		1/2		1/2	4,749.04	1/2	4,392.96	1/2	4,035.48	1/2	3,677.77	1/2	3,320.05	1/2	2,962.34	1/2	2,604.45
3/4		3/4		3/4		3/4	4,741.65	3/4	4,385.53	3/4	4,028.03	3/4	3,670.32	3/4	3,312.60	3/4	2,954.89	3/4	2,597.00
10		10		10		10	4,734.25	10	4,378.10	10	4,020.58	10	3,662.86	10	3,305.15	10	2,947.43	10	2,589.54
1/4		1/4		1/4		1/4	4,726.86	1/4	4,370.67	1/4	4,013.13	1/4	3,655.41	1/4	3,297.70	1/4	2,939.98	1/4	2,582.08
1/2		1/2		1/2		1/2	4,719.47	1/2	4,363.24	1/2	4,005.67	1/2	3,647.96	1/2	3,290.24	1/2	2,932.53	1/2	2,574.63
3/4		3/4		3/4		3/4	4,712.08	3/4	4,355.81	3/4	3,998.22	3/4	3,640.51	3/4	3,282.79	3/4	2,925.08	3/4	2,567.17
11		11		11		11	4,704.69	11	4,348.38	11	3,990.77	11	3,633.05	11	3,275.34	11	2,917.62	11	2,559.72
1/4		1/4		1/4		1/4	4,697.30	1/4	4,340.95	1/4	3,983.32	1/4	3,625.60	1/4	3,267.89	1/4	2,910.17	1/4	2,552.26
1/2		1/2		1/2		1/2	4,689.91	1/2	4,333.52	1/2	3,975.87	1/2	3,618.15	1/2	3,260.43	1/2	2,902.71	1/2	2,544.80
3/4		3/4		3/4		3/4	4,682.52	3/4	4,326.08	3/4	3,968.41	3/4	3,610.70	3/4	3,252.98	3/4	2,895.25	3/4	2,537.35

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 45'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "HTCO 3150"

1 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03"

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	2,529.89	0	2,171.98	0	1,814.08	0	1,456.17	0	1,098.35	0	742.57	0	390.16	0	77.29	0		0	
1/4	2,522.43	1/4	2,164.53	1/4	1,806.62	1/4	1,448.71	1/4	1,090.92	1/4	735.11	1/4	383.20	1/4	71.26	1/4		1/4	
1/2	2,514.98	1/2	2,157.07	1/2	1,799.16	1/2	1,441.26	1/2	1,083.50	1/2	727.66	1/2	376.23	1/2	65.24	1/2		1/2	
3/4	2,507.52	3/4	2,149.61	3/4	1,791.71	3/4	1,433.80	3/4	1,076.07	3/4	720.20	3/4	369.26	3/4	59.22	3/4		3/4	
1	2,500.06	1	2,142.16	1	1,784.25	1	1,426.34	1	1,068.65	1	712.74	1	362.37	1	53.74	1		1	
1/4	2,492.61	1/4	2,134.70	1/4	1,776.79	1/4	1,418.89	1/4	1,061.23	1/4	705.29	1/4	355.48	1/4	48.27	1/4		1/4	
1/2	2,485.15	1/2	2,127.24	1/2	1,769.34	1/2	1,411.43	1/2	1,053.81	1/2	697.83	1/2	348.59	1/2	42.79	1/2		1/2	
3/4	2,477.70	3/4	2,119.79	3/4	1,761.88	3/4	1,403.97	3/4	1,046.39	3/4	690.38	3/4	341.69	3/4	37.31	3/4		3/4	
2	2,470.24	2	2,112.33	2	1,754.42	2	1,396.52	2	1,038.98	2	682.92	2	334.87	2	33.32	2		2	
1/4	2,462.78	1/4	2,104.88	1/4	1,746.97	1/4	1,389.06	1/4	1,031.56	1/4	675.46	1/4	328.06	1/4	29.32	1/4		1/4	
1/2	2,455.33	1/2	2,097.42	1/2	1,739.51	1/2	1,381.60	1/2	1,024.15	1/2	668.01	1/2	321.24	1/2	25.32	1/2		1/2	
3/4	2,447.87	3/4	2,089.96	3/4	1,732.06	3/4	1,374.15	3/4	1,016.74	3/4	660.55	3/4	314.42	3/4	21.33	3/4		3/4	
3	2,440.41	3	2,082.51	3	1,724.60	3	1,366.69	3	1,009.33	3	653.09	3	307.68	3	18.42	3		3	
1/4	2,432.96	1/4	2,075.05	1/4	1,717.14	1/4	1,359.24	1/4	1,001.92	1/4	645.64	1/4	300.94	1/4		1/4		1/4	
1/2	2,425.50	1/2	2,067.59	1/2	1,709.69	1/2	1,351.78	1/2	994.51	1/2	638.18	1/2	294.20	1/2		1/2		1/2	
3/4	2,418.04	3/4	2,060.14	3/4	1,702.23	3/4	1,344.32	3/4	987.10	3/4	630.73	3/4	287.46	3/4		3/4		3/4	
4	2,410.59	4	2,052.68	4	1,694.77	4	1,336.87	4	979.70	4	623.27	4	280.81	4		4		4	
1/4	2,403.13	1/4	2,045.22	1/4	1,687.32	1/4	1,329.41	1/4	972.29	1/4	615.81	1/4	274.15	1/4		1/4		1/4	
1/2	2,395.67	1/2	2,037.77	1/2	1,679.86	1/2	1,321.95	1/2	964.89	1/2	608.36	1/2	267.49	1/2		1/2		1/2	
3/4	2,388.22	3/4	2,030.31	3/4	1,672.40	3/4	1,314.50	3/4	957.48	3/4	600.90	3/4	260.83	3/4		3/4		3/4	
5	2,380.76	5	2,022.85	5	1,664.95	5	1,307.04	5	950.07	5	593.45	5	254.26	5		5		5	
1/4	2,373.31	1/4	2,015.40	1/4	1,657.49	1/4	1,299.58	1/4	942.67	1/4	585.99	1/4	247.68	1/4		1/4		1/4	
1/2	2,365.85	1/2	2,007.94	1/2	1,650.03	1/2	1,292.13	1/2	935.26	1/2	578.53	1/2	241.10	1/2		1/2		1/2	
3/4	2,358.39	3/4	2,000.49	3/4	1,642.58	3/4	1,284.67	3/4	927.86	3/4	571.08	3/4	234.53	3/4		3/4		3/4	
6	2,350.94	6	1,993.03	6	1,635.12	6	1,277.21	6	920.45	6	563.64	6	228.03	6		6		6	
1/4	2,343.48	1/4	1,985.57	1/4	1,627.67	1/4	1,269.76	1/4	913.05	1/4	556.21	1/4	221.54	1/4		1/4		1/4	
1/2	2,336.02	1/2	1,978.12	1/2	1,620.21	1/2	1,262.30	1/2	905.64	1/2	548.77	1/2	215.04	1/2		1/2		1/2	
3/4	2,328.57	3/4	1,970.66	3/4	1,612.75	3/4	1,254.85	3/4	898.24	3/4	541.34	3/4	208.55	3/4		3/4		3/4	
7	2,321.11	7	1,963.20	7	1,605.30	7	1,247.39	7	890.83	7	533.97	7	202.13	7		7		7	
1/4	2,313.65	1/4	1,955.75	1/4	1,597.84	1/4	1,239.93	1/4	883.43	1/4	526.60	1/4	195.72	1/4		1/4		1/4	
1/2	2,306.20	1/2	1,948.29	1/2	1,590.38	1/2	1,232.48	1/2	876.02	1/2	519.22	1/2	189.31	1/2		1/2		1/2	
3/4	2,298.74	3/4	1,940.83	3/4	1,582.93	3/4	1,225.02	3/4	868.61	3/4	511.85	3/4	182.89	3/4		3/4		3/4	
8	2,291.29	8	1,933.38	8	1,575.47	8	1,217.56	8	861.21	8	504.56	8	176.55	8		8		8	
1/4	2,283.83	1/4	1,925.92	1/4	1,568.01	1/4	1,210.11	1/4	853.80	1/4	497.27	1/4	170.21	1/4		1/4		1/4	
1/2	2,276.37	1/2	1,918.47	1/2	1,560.56	1/2	1,202.65	1/2	846.40	1/2	489.98	1/2	163.87	1/2		1/2		1/2	
3/4	2,268.92	3/4	1,911.01	3/4	1,553.10	3/4	1,195.19	3/4	838.99	3/4	482.69	3/4	157.53	3/4		3/4		3/4	
9	2,261.46	9	1,903.55	9	1,545.65	9	1,187.74	9	831.59	9	475.48	9	151.27	9		9		9	
1/4	2,254.00	1/4	1,896.10	1/4	1,538.19	1/4	1,180.28	1/4	824.18	1/4	468.26	1/4	145.00	1/4		1/4		1/4	
1/2	2,246.55	1/2	1,888.64	1/2	1,530.73	1/2	1,172.83	1/2	816.78	1/2	461.05	1/2	138.74	1/2		1/2		1/2	
3/4	2,239.09	3/4	1,881.18	3/4	1,523.28	3/4	1,165.37	3/4	809.37	3/4	453.84	3/4	132.47	3/4		3/4		3/4	
10	2,231.63	10	1,873.73	10	1,515.82	10	1,157.91	10	801.96	10	446.71	10	126.29	10		10		10	
1/4	2,224.18	1/4	1,866.27	1/4	1,508.36	1/4	1,150.46	1/4	794.56	1/4	439.58	1/4	120.10	1/4		1/4		1/4	
1/2	2,216.72	1/2	1,858.81	1/2	1,500.91	1/2	1,143.00	1/2	787.15	1/2	432.45	1/2	113.92	1/2		1/2		1/2	
3/4	2,209.26	3/4	1,851.36	3/4	1,493.45	3/4	1,135.54	3/4	779.75	3/4	425.32	3/4	107.73	3/4		3/4		3/4	
11	2,201.81	11	1,843.90	11	1,485.99	11	1,128.10	11	772.32	11	418.27	11	101.63	11		11		11	
1/4	2,194.35	1/4	1,836.44	1/4	1,478.54	1/4	1,120.66	1/4	764.89	1/4	411.23	1/4	95.52	1/4		1/4		1/4	
1/2	2,186.90	1/2	1,828.99	1/2	1,471.08	1/2	1,113.22	1/2	757.46	1/2	404.18	1/2	89.42	1/2		1/2		1/2	
3/4	2,179.44	3/4	1,821.53	3/4	1,463.62	3/4	1,105.78	3/4	750.03	3/4	397.13	3/4	83.31	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/28/2016 CL
RECALCULATED: 05/11/2021 SW
REPRINTED: 05/11/2021 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "HTCO 3150"

1 STBD

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	4,685.33	0	4,328.81	0	3,971.06	0	3,613.26	0	3,255.46	0	2,897.68
1/4		1/4		1/4		1/4		1/4	4,677.93	1/4	4,321.37	1/4	3,963.60	1/4	3,605.81	1/4	3,248.01	1/4	2,890.22
1/2		1/2		1/2		1/2		1/2	4,670.54	1/2	4,313.92	1/2	3,956.15	1/2	3,598.35	1/2	3,240.55	1/2	2,882.76
3/4		3/4		3/4		3/4	5,006.38	3/4	4,663.15	3/4	4,306.48	3/4	3,948.69	3/4	3,590.90	3/4	3,233.10	3/4	2,875.30
1		1		1		1	5,001.65	1	4,655.76	1	4,299.04	1	3,941.24	1	3,583.44	1	3,225.65	1	2,867.84
1/4		1/4		1/4		1/4	4,995.85	1/4	4,648.34	1/4	4,291.58	1/4	3,933.79	1/4	3,575.99	1/4	3,218.19	1/4	2,860.39
1/2		1/2		1/2		1/2	4,990.05	1/2	4,640.93	1/2	4,284.13	1/2	3,926.33	1/2	3,568.53	1/2	3,210.74	1/2	2,852.93
3/4		3/4		3/4		3/4	4,984.25	3/4	4,633.52	3/4	4,276.67	3/4	3,918.88	3/4	3,561.08	3/4	3,203.28	3/4	2,845.47
2		2		2		2	4,978.45	2	4,626.11	2	4,269.22	2	3,911.42	2	3,553.63	2	3,195.83	2	2,838.01
1/4		1/4		1/4		1/4	4,971.66	1/4	4,618.67	1/4	4,261.77	1/4	3,903.97	1/4	3,546.17	1/4	3,188.38	1/4	2,830.55
1/2		1/2		1/2		1/2	4,964.86	1/2	4,611.24	1/2	4,254.31	1/2	3,896.52	1/2	3,538.72	1/2	3,180.92	1/2	2,823.09
3/4		3/4		3/4		3/4	4,958.06	3/4	4,603.81	3/4	4,246.86	3/4	3,889.06	3/4	3,531.26	3/4	3,173.47	3/4	2,815.64
3		3		3		3	4,951.27	3	4,596.38	3	4,239.40	3	3,881.61	3	3,523.81	3	3,166.01	3	2,808.18
1/4		1/4		1/4		1/4	4,943.94	1/4	4,588.94	1/4	4,231.95	1/4	3,874.15	1/4	3,516.36	1/4	3,158.56	1/4	2,800.72
1/2		1/2		1/2		1/2	4,936.61	1/2	4,581.51	1/2	4,224.50	1/2	3,866.70	1/2	3,508.90	1/2	3,151.11	1/2	2,793.26
3/4		3/4		3/4		3/4	4,929.28	3/4	4,574.08	3/4	4,217.04	3/4	3,859.24	3/4	3,501.45	3/4	3,143.65	3/4	2,785.80
4		4		4		4	4,921.95	4	4,566.65	4	4,209.59	4	3,851.79	4	3,493.99	4	3,136.20	4	2,778.35
1/4		1/4		1/4		1/4	4,914.55	1/4	4,559.21	1/4	4,202.13	1/4	3,844.34	1/4	3,486.54	1/4	3,128.74	1/4	2,770.89
1/2		1/2		1/2		1/2	4,907.16	1/2	4,551.78	1/2	4,194.68	1/2	3,836.88	1/2	3,479.09	1/2	3,121.29	1/2	2,763.43
3/4		3/4		3/4		3/4	4,899.76	3/4	4,544.35	3/4	4,187.23	3/4	3,829.43	3/4	3,471.63	3/4	3,113.83	3/4	2,755.97
5		5		5		5	4,892.36	5	4,536.92	5	4,179.77	5	3,821.97	5	3,464.18	5	3,106.38	5	2,748.51
1/4		1/4		1/4		1/4	4,884.97	1/4	4,529.49	1/4	4,172.32	1/4	3,814.52	1/4	3,456.72	1/4	3,098.93	1/4	2,741.05
1/2		1/2		1/2		1/2	4,877.57	1/2	4,522.05	1/2	4,164.86	1/2	3,807.07	1/2	3,449.27	1/2	3,091.47	1/2	2,733.60
3/4		3/4		3/4		3/4	4,870.17	3/4	4,514.62	3/4	4,157.41	3/4	3,799.61	3/4	3,441.82	3/4	3,084.02	3/4	2,726.14
6		6		6		6	4,862.78	6	4,507.19	6	4,149.95	6	3,792.16	6	3,434.36	6	3,076.56	6	2,718.68
1/4		1/4		1/4		1/4	4,855.38	1/4	4,499.76	1/4	4,142.50	1/4	3,784.70	1/4	3,426.91	1/4	3,069.11	1/4	2,711.22
1/2		1/2		1/2		1/2	4,847.98	1/2	4,492.32	1/2	4,135.05	1/2	3,777.25	1/2	3,419.45	1/2	3,061.66	1/2	2,703.76
3/4		3/4		3/4		3/4	4,840.59	3/4	4,484.89	3/4	4,127.59	3/4	3,769.80	3/4	3,412.00	3/4	3,054.20	3/4	2,696.30
7		7		7		7	4,833.19	7	4,477.46	7	4,120.14	7	3,762.34	7	3,404.54	7	3,046.75	7	2,688.85
1/4		1/4		1/4		1/4	4,825.79	1/4	4,470.03	1/4	4,112.68	1/4	3,754.89	1/4	3,397.09	1/4	3,039.29	1/4	2,681.39
1/2		1/2		1/2		1/2	4,818.40	1/2	4,462.59	1/2	4,105.23	1/2	3,747.43	1/2	3,389.64	1/2	3,031.84	1/2	2,673.93
3/4		3/4		3/4		3/4	4,811.01	3/4	4,455.16	3/4	4,097.78	3/4	3,739.98	3/4	3,382.18	3/4	3,024.39	3/4	2,666.47
8		8		8		8	4,803.61	8	4,447.73	8	4,090.32	8	3,732.53	8	3,374.73	8	3,016.93	8	2,659.01
1/4		1/4		1/4		1/4	4,796.22	1/4	4,440.30	1/4	4,082.87	1/4	3,725.07	1/4	3,367.27	1/4	3,009.48	1/4	2,651.56
1/2		1/2		1/2		1/2	4,788.83	1/2	4,432.86	1/2	4,075.41	1/2	3,717.62	1/2	3,359.82	1/2	3,002.02	1/2	2,644.10
3/4		3/4		3/4		3/4	4,781.43	3/4	4,425.43	3/4	4,067.96	3/4	3,710.16	3/4	3,352.37	3/4	2,994.57	3/4	2,636.64
9		9		9		9	4,774.04	9	4,418.00	9	4,060.51	9	3,702.71	9	3,344.91	9	2,987.12	9	2,629.18
1/4		1/4		1/4		1/4	4,766.65	1/4	4,410.57	1/4	4,053.05	1/4	3,695.25	1/4	3,337.46	1/4	2,979.66	1/4	2,621.72
1/2		1/2		1/2		1/2	4,759.25	1/2	4,403.13	1/2	4,045.60	1/2	3,687.80	1/2	3,330.00	1/2	2,972.21	1/2	2,614.26
3/4		3/4		3/4		3/4	4,751.86	3/4	4,395.70	3/4	4,038.14	3/4	3,680.35	3/4	3,322.55	3/4	2,964.75	3/4	2,606.81
10		10		10		10	4,744.47	10	4,388.27	10	4,030.69	10	3,672.89	10	3,315.10	10	2,957.30	10	2,599.35
1/4		1/4		1/4		1/4	4,737.08	1/4	4,380.84	1/4	4,023.23	1/4	3,665.44	1/4	3,307.64	1/4	2,949.84	1/4	2,591.89
1/2		1/2		1/2		1/2	4,729.68	1/2	4,373.41	1/2	4,015.78	1/2	3,657.98	1/2	3,300.19	1/2	2,942.39	1/2	2,584.43
3/4		3/4		3/4		3/4	4,722.29	3/4	4,365.97	3/4	4,008.33	3/4	3,650.53	3/4	3,292.73	3/4	2,934.94	3/4	2,576.97
11		11		11		11	4,714.90	11	4,358.54	11	4,000.87	11	3,643.08	11	3,285.28	11	2,927.48	11	2,569.52
1/4		1/4		1/4		1/4	4,707.51	1/4	4,351.11	1/4	3,993.42	1/4	3,635.62	1/4	3,277.82	1/4	2,920.03	1/4	2,562.06
1/2		1/2		1/2		1/2	4,700.11	1/2	4,343.68	1/2	3,985.96	1/2	3,628.17	1/2	3,270.37	1/2	2,912.58	1/2	2,554.60
3/4		3/4		3/4		3/4	4,692.72	3/4	4,336.24	3/4	3,978.51	3/4	3,620.71	3/4	3,262.92	3/4	2,905.13	3/4	2,547.14

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 45'-06" FORWARD OF AFT BULKHEAD.

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

BARGE "HTCO 3150"

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	2,539.68	0	2,181.69	0	1,823.70	0	1,465.70	0	1,107.71	0	750.22	0	397.29	0	83.35	0		0	
1/4	2,532.22	1/4	2,174.23	1/4	1,816.24	1/4	1,458.24	1/4	1,100.25	1/4	742.76	1/4	390.32	1/4	77.32	1/4		1/4	
1/2	2,524.77	1/2	2,166.77	1/2	1,808.78	1/2	1,450.79	1/2	1,092.79	1/2	735.30	1/2	383.35	1/2	71.29	1/2		1/2	
3/4	2,517.31	3/4	2,159.31	3/4	1,801.32	3/4	1,443.33	3/4	1,085.33	3/4	727.84	3/4	376.38	3/4	65.27	3/4		3/4	
1	2,509.85	1	2,151.86	1	1,793.86	1	1,435.87	1	1,077.88	1	720.38	1	369.42	1	59.24	1		1	
1/4	2,502.39	1/4	2,144.40	1/4	1,786.40	1/4	1,428.41	1/4	1,070.42	1/4	712.93	1/4	362.52	1/4	53.76	1/4		1/4	
1/2	2,494.93	1/2	2,136.94	1/2	1,778.95	1/2	1,420.95	1/2	1,062.97	1/2	705.47	1/2	355.63	1/2	48.28	1/2		1/2	
3/4	2,487.48	3/4	2,129.48	3/4	1,771.49	3/4	1,413.49	3/4	1,055.51	3/4	698.01	3/4	348.73	3/4	42.80	3/4		3/4	
2	2,480.02	2	2,122.02	2	1,764.03	2	1,406.04	2	1,048.06	2	690.55	2	341.84	2	37.33	2		2	
1/4	2,472.56	1/4	2,114.57	1/4	1,756.57	1/4	1,398.58	1/4	1,040.60	1/4	683.09	1/4	335.02	1/4	33.33	1/4		1/4	
1/2	2,465.10	1/2	2,107.11	1/2	1,749.11	1/2	1,391.12	1/2	1,033.15	1/2	675.64	1/2	328.19	1/2	29.33	1/2		1/2	
3/4	2,457.64	3/4	2,099.65	3/4	1,741.66	3/4	1,383.66	3/4	1,025.70	3/4	668.18	3/4	321.37	3/4	25.33	3/4		3/4	
3	2,450.18	3	2,092.19	3	1,734.20	3	1,376.20	3	1,018.25	3	660.72	3	314.55	3	21.33	3		3	
1/4	2,442.73	1/4	2,084.73	1/4	1,726.74	1/4	1,368.75	1/4	1,010.80	1/4	653.26	1/4	307.81	1/4	18.42	1/4		1/4	
1/2	2,435.27	1/2	2,077.27	1/2	1,719.28	1/2	1,361.29	1/2	1,003.35	1/2	645.80	1/2	301.07	1/2		1/2		1/2	
3/4	2,427.81	3/4	2,069.82	3/4	1,711.82	3/4	1,353.83	3/4	995.91	3/4	638.35	3/4	294.33	3/4		3/4		3/4	
4	2,420.35	4	2,062.36	4	1,704.36	4	1,346.37	4	988.46	4	630.89	4	287.59	4		4		4	
1/4	2,412.89	1/4	2,054.90	1/4	1,696.91	1/4	1,338.91	1/4	981.01	1/4	623.43	1/4	280.93	1/4		1/4		1/4	
1/2	2,405.44	1/2	2,047.44	1/2	1,689.45	1/2	1,331.45	1/2	973.57	1/2	615.97	1/2	274.27	1/2		1/2		1/2	
3/4	2,397.98	3/4	2,039.98	3/4	1,681.99	3/4	1,324.00	3/4	966.13	3/4	608.51	3/4	267.61	3/4		3/4		3/4	
5	2,390.52	5	2,032.53	5	1,674.53	5	1,316.54	5	958.68	5	601.06	5	260.95	5		5		5	
1/4	2,383.06	1/4	2,025.07	1/4	1,667.07	1/4	1,309.08	1/4	951.24	1/4	593.60	1/4	254.37	1/4		1/4		1/4	
1/2	2,375.60	1/2	2,017.61	1/2	1,659.62	1/2	1,301.62	1/2	943.79	1/2	586.14	1/2	247.79	1/2		1/2		1/2	
3/4	2,368.14	3/4	2,010.15	3/4	1,652.16	3/4	1,294.16	3/4	936.35	3/4	578.68	3/4	241.21	3/4		3/4		3/4	
6	2,360.69	6	2,002.69	6	1,644.70	6	1,286.71	6	928.90	6	571.22	6	234.63	6		6		6	
1/4	2,353.23	1/4	1,995.23	1/4	1,637.24	1/4	1,279.25	1/4	921.46	1/4	563.79	1/4	228.13	1/4		1/4		1/4	
1/2	2,345.77	1/2	1,987.78	1/2	1,629.78	1/2	1,271.79	1/2	914.02	1/2	556.36	1/2	221.63	1/2		1/2		1/2	
3/4	2,338.31	3/4	1,980.32	3/4	1,622.32	3/4	1,264.33	3/4	906.57	3/4	548.93	3/4	215.14	3/4		3/4		3/4	
7	2,330.85	7	1,972.86	7	1,614.87	7	1,256.87	7	899.13	7	541.50	7	208.64	7		7		7	
1/4	2,323.39	1/4	1,965.40	1/4	1,607.41	1/4	1,249.41	1/4	891.68	1/4	534.13	1/4	202.22	1/4		1/4		1/4	
1/2	2,315.94	1/2	1,957.94	1/2	1,599.95	1/2	1,241.96	1/2	884.24	1/2	526.76	1/2	195.81	1/2		1/2		1/2	
3/4	2,308.48	3/4	1,950.48	3/4	1,592.49	3/4	1,234.50	3/4	876.79	3/4	519.40	3/4	189.39	3/4		3/4		3/4	
8	2,301.02	8	1,943.03	8	1,585.03	8	1,227.04	8	869.35	8	512.03	8	182.97	8		8		8	
1/4	2,293.56	1/4	1,935.57	1/4	1,577.57	1/4	1,219.58	1/4	861.91	1/4	504.74	1/4	176.63	1/4		1/4		1/4	
1/2	2,286.10	1/2	1,928.11	1/2	1,570.12	1/2	1,212.12	1/2	854.46	1/2	497.45	1/2	170.29	1/2		1/2		1/2	
3/4	2,278.65	3/4	1,920.65	3/4	1,562.66	3/4	1,204.66	3/4	847.02	3/4	490.16	3/4	163.95	3/4		3/4		3/4	
9	2,271.19	9	1,913.19	9	1,555.20	9	1,197.21	9	839.57	9	482.87	9	157.61	9		9		9	
1/4	2,263.73	1/4	1,905.74	1/4	1,547.74	1/4	1,189.75	1/4	832.13	1/4	475.66	1/4	151.34	1/4		1/4		1/4	
1/2	2,256.27	1/2	1,898.28	1/2	1,540.28	1/2	1,182.29	1/2	824.68	1/2	468.45	1/2	145.07	1/2		1/2		1/2	
3/4	2,248.81	3/4	1,890.82	3/4	1,532.83	3/4	1,174.83	3/4	817.24	3/4	461.23	3/4	138.80	3/4		3/4		3/4	
10	2,241.35	10	1,883.36	10	1,525.37	10	1,167.37	10	809.80	10	454.02	10	132.53	10		10		10	
1/4	2,233.90	1/4	1,875.90	1/4	1,517.91	1/4	1,159.92	1/4	802.35	1/4	446.89	1/4	126.34	1/4		1/4		1/4	
1/2	2,226.44	1/2	1,868.44	1/2	1,510.45	1/2	1,152.46	1/2	794.91	1/2	439.76	1/2	120.16	1/2		1/2		1/2	
3/4	2,218.98	3/4	1,860.99	3/4	1,502.99	3/4	1,145.00	3/4	787.46	3/4	432.62	3/4	113.97	3/4		3/4		3/4	
11	2,211.52	11	1,853.53	11	1,495.53	11	1,137.54	11	780.02	11	425.49	11	107.78	11		11		11	
1/4	2,204.06	1/4	1,846.07	1/4	1,488.08	1/4	1,130.08	1/4	772.57	1/4	418.44	1/4	101.67	1/4		1/4		1/4	
1/2	2,196.61	1/2	1,838.61	1/2	1,480.62	1/2	1,122.62	1/2	765.12	1/2	411.39	1/2	95.56	1/2		1/2		1/2	
3/4	2,189.15	3/4	1,831.15	3/4	1,473.16	3/4	1,115.17	3/4	757.67	3/4	404.34	3/4	89.46	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/28/2016 CL
RECALCULATED: 05/11/2021 SW
REPRINTED: 05/11/2021 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2021

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

BARGE "HTCO 3150"

2 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,770.77	0	4,413.28	0	4,054.52	0	3,695.67	0	3,336.83	0	2,977.99
1/4		1/4		1/4		1/4		1/4	4,763.36	1/4	4,405.83	1/4	4,047.04	1/4	3,688.20	1/4	3,329.35	1/4	2,970.51
1/2		1/2		1/2		1/2		1/2	4,755.94	1/2	4,398.38	1/2	4,039.56	1/2	3,680.72	1/2	3,321.88	1/2	2,963.03
3/4		3/4		3/4		3/4		3/4	4,748.53	3/4	4,390.91	3/4	4,032.09	3/4	3,673.25	3/4	3,314.40	3/4	2,955.55
1		1		1		1		1	4,741.11	1	4,383.44	1	4,024.61	1	3,665.77	1	3,306.93	1	2,948.07
1/4		1/4		1/4		1/4	5,077.96	1/4	4,733.70	1/4	4,375.97	1/4	4,017.14	1/4	3,658.29	1/4	3,299.45	1/4	2,940.59
1/2		1/2		1/2		1/2	5,073.21	1/2	4,726.28	1/2	4,368.50	1/2	4,009.66	1/2	3,650.82	1/2	3,291.97	1/2	2,933.11
3/4		3/4		3/4		3/4	5,067.40	3/4	4,718.85	3/4	4,361.03	3/4	4,002.18	3/4	3,643.34	3/4	3,284.50	3/4	2,925.63
2		2		2		2	5,061.58	2	4,711.42	2	4,353.55	2	3,994.71	2	3,635.87	2	3,277.02	2	2,918.15
1/4		1/4		1/4		1/4	5,055.77	1/4	4,703.98	1/4	4,346.08	1/4	3,987.23	1/4	3,628.39	1/4	3,269.55	1/4	2,910.67
1/2		1/2		1/2		1/2	5,049.95	1/2	4,696.55	1/2	4,338.60	1/2	3,979.76	1/2	3,620.91	1/2	3,262.07	1/2	2,903.19
3/4		3/4		3/4		3/4	5,043.13	3/4	4,689.09	3/4	4,331.12	3/4	3,972.28	3/4	3,613.44	3/4	3,254.59	3/4	2,895.71
3		3		3		3	5,036.31	3	4,681.64	3	4,323.65	3	3,964.81	3	3,605.96	3	3,247.12	3	2,888.23
1/4		1/4		1/4		1/4	5,029.50	1/4	4,674.18	1/4	4,316.17	1/4	3,957.33	1/4	3,598.49	1/4	3,239.64	1/4	2,880.75
1/2		1/2		1/2		1/2	5,022.68	1/2	4,666.73	1/2	4,308.70	1/2	3,949.85	1/2	3,591.01	1/2	3,232.17	1/2	2,873.27
3/4		3/4		3/4		3/4	5,015.32	3/4	4,659.28	3/4	4,301.22	3/4	3,942.38	3/4	3,583.53	3/4	3,224.69	3/4	2,865.79
4		4		4		4	5,007.97	4	4,651.82	4	4,293.74	4	3,934.90	4	3,576.06	4	3,217.22	4	2,858.31
1/4		1/4		1/4		1/4	5,000.62	1/4	4,644.37	1/4	4,286.27	1/4	3,927.43	1/4	3,568.58	1/4	3,209.74	1/4	2,850.83
1/2		1/2		1/2		1/2	4,993.27	1/2	4,636.91	1/2	4,278.79	1/2	3,919.95	1/2	3,561.11	1/2	3,202.26	1/2	2,843.35
3/4		3/4		3/4		3/4	4,985.85	3/4	4,629.46	3/4	4,271.32	3/4	3,912.47	3/4	3,553.63	3/4	3,194.79	3/4	2,835.87
5		5		5		5	4,978.43	5	4,622.00	5	4,263.84	5	3,905.00	5	3,546.15	5	3,187.31	5	2,828.39
1/4		1/4		1/4		1/4	4,971.01	1/4	4,614.55	1/4	4,256.37	1/4	3,897.52	1/4	3,538.68	1/4	3,179.84	1/4	2,820.91
1/2		1/2		1/2		1/2	4,963.59	1/2	4,607.10	1/2	4,248.89	1/2	3,890.05	1/2	3,531.20	1/2	3,172.36	1/2	2,813.43
3/4		3/4		3/4		3/4	4,956.17	3/4	4,599.64	3/4	4,241.41	3/4	3,882.57	3/4	3,523.73	3/4	3,164.88	3/4	2,805.95
6		6		6		6	4,948.75	6	4,592.19	6	4,233.94	6	3,875.09	6	3,516.25	6	3,157.41	6	2,798.47
1/4		1/4		1/4		1/4	4,941.34	1/4	4,584.73	1/4	4,226.46	1/4	3,867.62	1/4	3,508.78	1/4	3,149.93	1/4	2,790.99
1/2		1/2		1/2		1/2	4,933.92	1/2	4,577.28	1/2	4,218.99	1/2	3,860.14	1/2	3,501.30	1/2	3,142.46	1/2	2,783.51
3/4		3/4		3/4		3/4	4,926.50	3/4	4,569.82	3/4	4,211.51	3/4	3,852.67	3/4	3,493.82	3/4	3,134.98	3/4	2,776.03
7		7		7		7	4,919.08	7	4,562.37	7	4,204.03	7	3,845.19	7	3,486.35	7	3,127.50	7	2,768.55
1/4		1/4		1/4		1/4	4,911.66	1/4	4,554.92	1/4	4,196.56	1/4	3,837.72	1/4	3,478.87	1/4	3,120.03	1/4	2,761.07
1/2		1/2		1/2		1/2	4,904.24	1/2	4,547.46	1/2	4,189.08	1/2	3,830.24	1/2	3,471.40	1/2	3,112.55	1/2	2,753.59
3/4		3/4		3/4		3/4	4,896.83	3/4	4,540.01	3/4	4,181.61	3/4	3,822.76	3/4	3,463.92	3/4	3,105.08	3/4	2,746.11
8		8		8		8	4,889.41	8	4,532.55	8	4,174.13	8	3,815.29	8	3,456.44	8	3,097.60	8	2,738.63
1/4		1/4		1/4		1/4	4,881.99	1/4	4,525.10	1/4	4,166.65	1/4	3,807.81	1/4	3,448.97	1/4	3,090.13	1/4	2,731.15
1/2		1/2		1/2		1/2	4,874.58	1/2	4,517.64	1/2	4,159.18	1/2	3,800.34	1/2	3,441.49	1/2	3,082.65	1/2	2,723.67
3/4		3/4		3/4		3/4	4,867.16	3/4	4,510.19	3/4	4,151.70	3/4	3,792.86	3/4	3,434.02	3/4	3,075.17	3/4	2,716.19
9		9		9		9	4,859.75	9	4,502.74	9	4,144.23	9	3,785.38	9	3,426.54	9	3,067.70	9	2,708.71
1/4		1/4		1/4		1/4	4,852.33	1/4	4,495.28	1/4	4,136.75	1/4	3,777.91	1/4	3,419.06	1/4	3,060.22	1/4	2,701.23
1/2		1/2		1/2		1/2	4,844.92	1/2	4,487.83	1/2	4,129.28	1/2	3,770.43	1/2	3,411.59	1/2	3,052.75	1/2	2,693.75
3/4		3/4		3/4		3/4	4,837.50	3/4	4,480.37	3/4	4,121.80	3/4	3,762.96	3/4	3,404.11	3/4	3,045.27	3/4	2,686.27
10		10		10		10	4,830.09	10	4,472.92	10	4,114.32	10	3,755.48	10	3,396.64	10	3,037.79	10	2,678.79
1/4		1/4		1/4		1/4	4,822.67	1/4	4,465.46	1/4	4,106.85	1/4	3,748.00	1/4	3,389.16	1/4	3,030.32	1/4	2,671.31
1/2		1/2		1/2		1/2	4,815.26	1/2	4,458.01	1/2	4,099.37	1/2	3,740.53	1/2	3,381.69	1/2	3,022.84	1/2	2,663.83
3/4		3/4		3/4		3/4	4,807.84	3/4	4,450.56	3/4	4,091.90	3/4	3,733.05	3/4	3,374.21	3/4	3,015.37	3/4	2,656.35
11		11		11		11	4,800.43	11	4,443.10	11	4,084.42	11	3,725.58	11	3,366.73	11	3,007.89	11	2,648.87
1/4		1/4		1/4		1/4	4,793.02	1/4	4,435.65	1/4	4,076.94	1/4	3,718.10	1/4	3,359.26	1/4	3,000.41	1/4	2,641.39
1/2		1/2		1/2		1/2	4,785.60	1/2	4,428.19	1/2	4,069.47	1/2	3,710.62	1/2	3,351.78	1/2	2,992.94	1/2	2,633.91
3/4		3/4		3/4		3/4	4,778.19	3/4	4,420.74	3/4	4,061.99	3/4	3,703.15	3/4	3,344.31	3/4	2,985.46	3/4	2,626.43

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 45'-09" FORWARD OF AFT BULKHEAD.

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

BARGE "HTCO 3150"

2 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,618.95	0	2,259.91	0	1,900.87	0	1,541.83	0	1,183.07	0	837.80	0	479.08	0	120.05	0		0	
1/4	2,611.47	1/4	2,252.43	1/4	1,893.39	1/4	1,534.35	1/4	1,175.74	1/4	830.47	1/4	471.60	1/4	112.57	1/4		1/4	
1/2	2,603.99	1/2	2,244.95	1/2	1,885.91	1/2	1,526.87	1/2	1,168.40	1/2	823.15	1/2	464.12	1/2	105.09	1/2		1/2	
3/4	2,596.51	3/4	2,237.47	3/4	1,878.43	3/4	1,519.39	3/4	1,161.20	3/4	815.67	3/4	456.64	3/4	97.61	3/4		3/4	
1	2,589.03	1	2,229.99	1	1,870.95	1	1,511.91	1	1,154.00	1	808.19	1	449.16	1	90.13	1		1	
1/4	2,581.55	1/4	2,222.51	1/4	1,863.47	1/4	1,504.43	1/4	1,146.80	1/4	800.71	1/4	441.68	1/4	82.65	1/4		1/4	
1/2	2,574.07	1/2	2,215.03	1/2	1,855.99	1/2	1,496.95	1/2	1,139.61	1/2	793.23	1/2	434.20	1/2	75.17	1/2		1/2	
3/4	2,566.59	3/4	2,207.55	3/4	1,848.51	3/4	1,489.47	3/4	1,132.42	3/4	785.75	3/4	426.72	3/4	68.15	3/4		3/4	
2	2,559.11	2	2,200.07	2	1,841.03	2	1,481.99	2	1,125.23	2	778.27	2	419.24	2	61.14	2		2	
1/4	2,551.63	1/4	2,192.59	1/4	1,833.55	1/4	1,474.51	1/4	1,118.03	1/4	770.79	1/4	411.76	1/4	54.13	1/4		1/4	
1/2	2,544.15	1/2	2,185.11	1/2	1,826.07	1/2	1,467.03	1/2	1,110.84	1/2	763.31	1/2	404.28	1/2	47.12	1/2		1/2	
3/4	2,536.67	3/4	2,177.63	3/4	1,818.59	3/4	1,459.55	3/4	1,103.66	3/4	755.83	3/4	396.80	3/4	41.51	3/4		3/4	
3	2,529.19	3	2,170.15	3	1,811.11	3	1,452.07	3	1,096.48	3	748.35	3	389.32	3	35.90	3		3	
1/4	2,521.71	1/4	2,162.67	1/4	1,803.63	1/4	1,444.59	1/4	1,089.29	1/4	740.87	1/4	381.84	1/4	30.29	1/4		1/4	
1/2	2,514.23	1/2	2,155.19	1/2	1,796.15	1/2	1,437.11	1/2	1,082.11	1/2	733.39	1/2	374.36	1/2	24.68	1/2		1/2	
3/4	2,506.75	3/4	2,147.71	3/4	1,788.67	3/4	1,429.63	3/4	1,074.93	3/4	725.91	3/4	366.88	3/4	20.93	3/4		3/4	
4	2,499.27	4	2,140.23	4	1,781.19	4	1,422.15	4	1,067.75	4	718.43	4	359.40	4		4		4	
1/4	2,491.79	1/4	2,132.75	1/4	1,773.71	1/4	1,414.67	1/4	1,060.57	1/4	710.95	1/4	351.92	1/4		1/4		1/4	
1/2	2,484.31	1/2	2,125.27	1/2	1,766.23	1/2	1,407.19	1/2	1,053.39	1/2	703.47	1/2	344.44	1/2		1/2		1/2	
3/4	2,476.83	3/4	2,117.79	3/4	1,758.75	3/4	1,399.71	3/4	1,046.21	3/4	695.99	3/4	336.96	3/4		3/4		3/4	
5	2,469.35	5	2,110.31	5	1,751.27	5	1,392.23	5	1,039.04	5	688.51	5	329.48	5		5		5	
1/4	2,461.87	1/4	2,102.83	1/4	1,743.79	1/4	1,384.75	1/4	1,031.86	1/4	681.03	1/4	322.00	1/4		1/4		1/4	
1/2	2,454.39	1/2	2,095.35	1/2	1,736.31	1/2	1,377.27	1/2	1,024.68	1/2	673.55	1/2	314.52	1/2		1/2		1/2	
3/4	2,446.91	3/4	2,087.87	3/4	1,728.83	3/4	1,369.79	3/4	1,017.51	3/4	666.07	3/4	307.04	3/4		3/4		3/4	
6	2,439.43	6	2,080.39	6	1,721.35	6	1,362.31	6	1,010.33	6	658.59	6	299.56	6		6		6	
1/4	2,431.95	1/4	2,072.91	1/4	1,713.87	1/4	1,354.83	1/4	1,003.16	1/4	651.11	1/4	292.08	1/4		1/4		1/4	
1/2	2,424.47	1/2	2,065.43	1/2	1,706.39	1/2	1,347.35	1/2	995.98	1/2	643.63	1/2	284.60	1/2		1/2		1/2	
3/4	2,416.99	3/4	2,057.95	3/4	1,698.91	3/4	1,339.87	3/4	988.80	3/4	636.15	3/4	277.12	3/4		3/4		3/4	
7	2,409.51	7	2,050.47	7	1,691.43	7	1,332.39	7	981.63	7	628.67	7	269.64	7		7		7	
1/4	2,402.03	1/4	2,042.99	1/4	1,683.95	1/4	1,324.91	1/4	974.45	1/4	621.19	1/4	262.16	1/4		1/4		1/4	
1/2	2,394.55	1/2	2,035.51	1/2	1,676.47	1/2	1,317.43	1/2	967.27	1/2	613.71	1/2	254.68	1/2		1/2		1/2	
3/4	2,387.07	3/4	2,028.03	3/4	1,668.99	3/4	1,309.95	3/4	960.10	3/4	606.23	3/4	247.20	3/4		3/4		3/4	
8	2,379.59	8	2,020.55	8	1,661.51	8	1,302.47	8	952.92	8	598.75	8	239.72	8		8		8	
1/4	2,372.11	1/4	2,013.07	1/4	1,654.03	1/4	1,294.99	1/4	945.75	1/4	591.27	1/4	232.24	1/4		1/4		1/4	
1/2	2,364.63	1/2	2,005.59	1/2	1,646.55	1/2	1,287.51	1/2	938.57	1/2	583.79	1/2	224.76	1/2		1/2		1/2	
3/4	2,357.15	3/4	1,998.11	3/4	1,639.07	3/4	1,280.03	3/4	931.39	3/4	576.31	3/4	217.28	3/4		3/4		3/4	
9	2,349.67	9	1,990.63	9	1,631.59	9	1,272.55	9	924.22	9	568.83	9	209.80	9		9		9	
1/4	2,342.19	1/4	1,983.15	1/4	1,624.11	1/4	1,265.07	1/4	917.04	1/4	561.35	1/4	202.32	1/4		1/4		1/4	
1/2	2,334.71	1/2	1,975.67	1/2	1,616.63	1/2	1,257.59	1/2	909.86	1/2	553.87	1/2	194.84	1/2		1/2		1/2	
3/4	2,327.23	3/4	1,968.19	3/4	1,609.15	3/4	1,250.11	3/4	902.69	3/4	546.39	3/4	187.36	3/4		3/4		3/4	
10	2,319.75	10	1,960.71	10	1,601.67	10	1,242.63	10	895.51	10	538.91	10	179.88	10		10		10	
1/4	2,312.27	1/4	1,953.23	1/4	1,594.19	1/4	1,235.15	1/4	888.34	1/4	531.43	1/4	172.40	1/4		1/4		1/4	
1/2	2,304.79	1/2	1,945.75	1/2	1,586.71	1/2	1,227.67	1/2	881.16	1/2	523.95	1/2	164.92	1/2		1/2		1/2	
3/4	2,297.31	3/4	1,938.27	3/4	1,579.23	3/4	1,220.19	3/4	873.98	3/4	516.47	3/4	157.44	3/4		3/4		3/4	
11	2,289.83	11	1,930.79	11	1,571.75	11	1,212.71	11	866.81	11	508.99	11	149.96	11		11		11	
1/4	2,282.35	1/4	1,923.31	1/4	1,564.27	1/4	1,205.23	1/4	859.63	1/4	501.51	1/4	142.48	1/4		1/4		1/4	
1/2	2,274.87	1/2	1,915.83	1/2	1,556.79	1/2	1,197.75	1/2	852.45	1/2	494.04	1/2	135.00	1/2		1/2		1/2	
3/4	2,267.39	3/4	1,908.35	3/4	1,549.31	3/4	1,190.41	3/4	845.13	3/4	486.56	3/4	127.52	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/28/2016 CL
RECALCULATED: 05/11/2021 SW
REPRINTED: 05/11/2021 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2021

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

BARGE "HTCO 3150"

2 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-04"

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	4,790.92	0	4,433.56	0	4,074.91	0	3,716.15	0	3,357.39	0	2,998.63
1/4		1/4		1/4		1/4		1/4	4,783.51	1/4	4,426.11	1/4	4,067.44	1/4	3,708.68	1/4	3,349.92	1/4	2,991.15
1/2		1/2		1/2		1/2		1/2	4,776.09	1/2	4,418.65	1/2	4,059.97	1/2	3,701.20	1/2	3,342.44	1/2	2,983.68
3/4		3/4		3/4		3/4		3/4	4,768.68	3/4	4,411.20	3/4	4,052.49	3/4	3,693.73	3/4	3,334.97	3/4	2,976.21
1		1		1		1		1	4,761.27	1	4,403.74	1	4,045.02	1	3,686.26	1	3,327.49	1	2,968.73
1/4		1/4		1/4		1/4		1/4	4,753.85	1/4	4,396.28	1/4	4,037.54	1/4	3,678.78	1/4	3,320.02	1/4	2,961.25
1/2		1/2		1/2		1/2	5,090.61	1/2	4,746.44	1/2	4,388.82	1/2	4,030.07	1/2	3,671.31	1/2	3,312.55	1/2	2,953.77
3/4		3/4		3/4		3/4	5,085.86	3/4	4,739.03	3/4	4,381.36	3/4	4,022.59	3/4	3,663.83	3/4	3,305.07	3/4	2,946.29
2		2		2		2	5,080.05	2	4,731.60	2	4,373.88	2	4,015.12	2	3,656.36	2	3,297.60	2	2,938.81
1/4		1/4		1/4		1/4	5,074.24	1/4	4,724.16	1/4	4,366.41	1/4	4,007.65	1/4	3,648.88	1/4	3,290.12	1/4	2,931.34
1/2		1/2		1/2		1/2	5,068.42	1/2	4,716.73	1/2	4,358.93	1/2	4,000.17	1/2	3,641.41	1/2	3,282.65	1/2	2,923.86
3/4		3/4		3/4		3/4	5,062.61	3/4	4,709.30	3/4	4,351.46	3/4	3,992.70	3/4	3,633.94	3/4	3,275.17	3/4	2,916.38
3		3		3		3	5,055.79	3	4,701.85	3	4,343.99	3	3,985.22	3	3,626.46	3	3,267.70	3	2,908.90
1/4		1/4		1/4		1/4	5,048.98	1/4	4,694.40	1/4	4,336.51	1/4	3,977.75	1/4	3,618.99	1/4	3,260.23	1/4	2,901.42
1/2		1/2		1/2		1/2	5,042.16	1/2	4,686.94	1/2	4,329.04	1/2	3,970.28	1/2	3,611.51	1/2	3,252.75	1/2	2,893.95
3/4		3/4		3/4		3/4	5,035.34	3/4	4,679.49	3/4	4,321.56	3/4	3,962.80	3/4	3,604.04	3/4	3,245.28	3/4	2,886.47
4		4		4		4	5,027.99	4	4,672.04	4	4,314.09	4	3,955.33	4	3,596.57	4	3,237.80	4	2,878.99
1/4		1/4		1/4		1/4	5,020.64	1/4	4,664.59	1/4	4,306.61	1/4	3,947.85	1/4	3,589.09	1/4	3,230.33	1/4	2,871.51
1/2		1/2		1/2		1/2	5,013.29	1/2	4,657.13	1/2	4,299.14	1/2	3,940.38	1/2	3,581.62	1/2	3,222.86	1/2	2,864.03
3/4		3/4		3/4		3/4	5,005.94	3/4	4,649.68	3/4	4,291.67	3/4	3,932.90	3/4	3,574.14	3/4	3,215.38	3/4	2,856.55
5		5		5		5	4,998.53	5	4,642.23	5	4,284.19	5	3,925.43	5	3,566.67	5	3,207.91	5	2,849.08
1/4		1/4		1/4		1/4	4,991.11	1/4	4,634.78	1/4	4,276.72	1/4	3,917.96	1/4	3,559.19	1/4	3,200.43	1/4	2,841.60
1/2		1/2		1/2		1/2	4,983.69	1/2	4,627.32	1/2	4,269.24	1/2	3,910.48	1/2	3,551.72	1/2	3,192.96	1/2	2,834.12
3/4		3/4		3/4		3/4	4,976.28	3/4	4,619.87	3/4	4,261.77	3/4	3,903.01	3/4	3,544.25	3/4	3,185.48	3/4	2,826.64
6		6		6		6	4,968.86	6	4,612.42	6	4,254.30	6	3,895.53	6	3,536.77	6	3,178.01	6	2,819.16
1/4		1/4		1/4		1/4	4,961.44	1/4	4,604.97	1/4	4,246.82	1/4	3,888.06	1/4	3,529.30	1/4	3,170.54	1/4	2,811.68
1/2		1/2		1/2		1/2	4,954.03	1/2	4,597.51	1/2	4,239.35	1/2	3,880.59	1/2	3,521.82	1/2	3,163.06	1/2	2,804.21
3/4		3/4		3/4		3/4	4,946.61	3/4	4,590.06	3/4	4,231.87	3/4	3,873.11	3/4	3,514.35	3/4	3,155.59	3/4	2,796.73
7		7		7		7	4,939.19	7	4,582.61	7	4,224.40	7	3,865.64	7	3,506.88	7	3,148.11	7	2,789.25
1/4		1/4		1/4		1/4	4,931.78	1/4	4,575.16	1/4	4,216.92	1/4	3,858.16	1/4	3,499.40	1/4	3,140.64	1/4	2,781.77
1/2		1/2		1/2		1/2	4,924.36	1/2	4,567.70	1/2	4,209.45	1/2	3,850.69	1/2	3,491.93	1/2	3,133.17	1/2	2,774.29
3/4		3/4		3/4		3/4	4,916.94	3/4	4,560.25	3/4	4,201.98	3/4	3,843.21	3/4	3,484.45	3/4	3,125.69	3/4	2,766.82
8		8		8		8	4,909.53	8	4,552.80	8	4,194.50	8	3,835.74	8	3,476.98	8	3,118.22	8	2,759.34
1/4		1/4		1/4		1/4	4,902.11	1/4	4,545.35	1/4	4,187.03	1/4	3,828.27	1/4	3,469.50	1/4	3,110.74	1/4	2,751.86
1/2		1/2		1/2		1/2	4,894.70	1/2	4,537.89	1/2	4,179.55	1/2	3,820.79	1/2	3,462.03	1/2	3,103.27	1/2	2,744.38
3/4		3/4		3/4		3/4	4,887.28	3/4	4,530.44	3/4	4,172.08	3/4	3,813.32	3/4	3,454.56	3/4	3,095.79	3/4	2,736.90
9		9		9		9	4,879.87	9	4,522.99	9	4,164.60	9	3,805.84	9	3,447.08	9	3,088.32	9	2,729.42
1/4		1/4		1/4		1/4	4,872.46	1/4	4,515.54	1/4	4,157.13	1/4	3,798.37	1/4	3,439.61	1/4	3,080.85	1/4	2,721.95
1/2		1/2		1/2		1/2	4,865.04	1/2	4,508.08	1/2	4,149.66	1/2	3,790.89	1/2	3,432.13	1/2	3,073.37	1/2	2,714.47
3/4		3/4		3/4		3/4	4,857.63	3/4	4,500.63	3/4	4,142.18	3/4	3,783.42	3/4	3,424.66	3/4	3,065.90	3/4	2,706.99
10		10		10		10	4,850.22	10	4,493.18	10	4,134.71	10	3,775.95	10	3,417.18	10	3,058.42	10	2,699.51
1/4		1/4		1/4		1/4	4,842.81	1/4	4,485.73	1/4	4,127.23	1/4	3,768.47	1/4	3,409.71	1/4	3,050.95	1/4	2,692.03
1/2		1/2		1/2		1/2	4,835.39	1/2	4,478.27	1/2	4,119.76	1/2	3,761.00	1/2	3,402.24	1/2	3,043.47	1/2	2,684.56
3/4		3/4		3/4		3/4	4,827.98	3/4	4,470.82	3/4	4,112.29	3/4	3,753.52	3/4	3,394.76	3/4	3,036.00	3/4	2,677.08
11		11		11		11	4,820.57	11	4,463.37	11	4,104.81	11	3,746.05	11	3,387.29	11	3,028.53	11	2,669.60
1/4		1/4		1/4		1/4	4,813.16	1/4	4,455.92	1/4	4,097.34	1/4	3,738.58	1/4	3,379.81	1/4	3,021.05	1/4	2,662.12
1/2		1/2		1/2		1/2	4,805.74	1/2	4,448.46	1/2	4,089.86	1/2	3,731.10	1/2	3,372.34	1/2	3,013.58	1/2	2,654.64
3/4		3/4		3/4		3/4	4,798.33	3/4	4,441.01	3/4	4,082.39	3/4	3,723.63	3/4	3,364.87	3/4	3,006.10	3/4	2,647.16

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 45'-09" FORWARD OF AFT BULKHEAD.

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

BARGE "HTCO 3150"

2 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-04"

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	2,639.69	0	2,280.73	0	1,921.78	0	1,562.83	0	1,203.87	0	845.36	0	486.44	0	127.50	0		0	
1/4	2,632.21	1/4	2,273.25	1/4	1,914.30	1/4	1,555.35	1/4	1,196.39	1/4	837.89	1/4	478.96	1/4	120.02	1/4		1/4	
1/2	2,624.73	1/2	2,265.78	1/2	1,906.82	1/2	1,547.87	1/2	1,188.92	1/2	830.42	1/2	471.48	1/2	112.54	1/2		1/2	
3/4	2,617.25	3/4	2,258.30	3/4	1,899.34	3/4	1,540.39	3/4	1,181.44	3/4	822.95	3/4	464.01	3/4	105.06	3/4		3/4	
1	2,609.77	1	2,250.82	1	1,891.87	1	1,532.91	1	1,173.96	1	815.47	1	456.53	1	97.58	1		1	
1/4	2,602.30	1/4	2,243.34	1/4	1,884.39	1/4	1,525.43	1/4	1,166.48	1/4	807.99	1/4	449.05	1/4	90.11	1/4		1/4	
1/2	2,594.82	1/2	2,235.86	1/2	1,876.91	1/2	1,517.96	1/2	1,159.00	1/2	800.52	1/2	441.57	1/2	82.63	1/2		1/2	
3/4	2,587.34	3/4	2,228.39	3/4	1,869.43	3/4	1,510.48	3/4	1,151.52	3/4	793.04	3/4	434.09	3/4	75.15	3/4		3/4	
2	2,579.86	2	2,220.91	2	1,861.95	2	1,503.00	2	1,144.05	2	785.56	2	426.62	2	68.14	2		2	
1/4	2,572.38	1/4	2,213.43	1/4	1,854.48	1/4	1,495.52	1/4	1,136.57	1/4	778.08	1/4	419.14	1/4	61.13	1/4		1/4	
1/2	2,564.90	1/2	2,205.95	1/2	1,847.00	1/2	1,488.04	1/2	1,129.10	1/2	770.60	1/2	411.66	1/2	54.12	1/2		1/2	
3/4	2,557.43	3/4	2,198.47	3/4	1,839.52	3/4	1,480.57	3/4	1,121.62	3/4	763.13	3/4	404.18	3/4	47.11	3/4		3/4	
3	2,549.95	3	2,190.99	3	1,832.04	3	1,473.09	3	1,114.15	3	755.65	3	396.70	3	41.50	3		3	
1/4	2,542.47	1/4	2,183.52	1/4	1,824.56	1/4	1,465.61	1/4	1,106.68	1/4	748.17	1/4	389.23	1/4	35.89	1/4		1/4	
1/2	2,534.99	1/2	2,176.04	1/2	1,817.08	1/2	1,458.13	1/2	1,099.21	1/2	740.69	1/2	381.75	1/2	30.28	1/2		1/2	
3/4	2,527.51	3/4	2,168.56	3/4	1,809.61	3/4	1,450.65	3/4	1,091.73	3/4	733.21	3/4	374.27	3/4	24.67	3/4		3/4	
4	2,520.04	4	2,161.08	4	1,802.13	4	1,443.17	4	1,084.26	4	725.74	4	366.79	4	20.93	4		4	
1/4	2,512.56	1/4	2,153.60	1/4	1,794.65	1/4	1,435.70	1/4	1,076.79	1/4	718.26	1/4	359.31	1/4		1/4		1/4	
1/2	2,505.08	1/2	2,146.13	1/2	1,787.17	1/2	1,428.22	1/2	1,069.33	1/2	710.78	1/2	351.84	1/2		1/2		1/2	
3/4	2,497.60	3/4	2,138.65	3/4	1,779.69	3/4	1,420.74	3/4	1,061.86	3/4	703.30	3/4	344.36	3/4		3/4		3/4	
5	2,490.12	5	2,131.17	5	1,772.22	5	1,413.26	5	1,054.39	5	695.82	5	336.88	5		5		5	
1/4	2,482.64	1/4	2,123.69	1/4	1,764.74	1/4	1,405.78	1/4	1,046.93	1/4	688.35	1/4	329.40	1/4		1/4		1/4	
1/2	2,475.17	1/2	2,116.21	1/2	1,757.26	1/2	1,398.31	1/2	1,039.46	1/2	680.87	1/2	321.92	1/2		1/2		1/2	
3/4	2,467.69	3/4	2,108.73	3/4	1,749.78	3/4	1,390.83	3/4	1,032.00	3/4	673.39	3/4	314.45	3/4		3/4		3/4	
6	2,460.21	6	2,101.26	6	1,742.30	6	1,383.35	6	1,024.53	6	665.91	6	306.97	6		6		6	
1/4	2,452.73	1/4	2,093.78	1/4	1,734.82	1/4	1,375.87	1/4	1,017.06	1/4	658.43	1/4	299.49	1/4		1/4		1/4	
1/2	2,445.25	1/2	2,086.30	1/2	1,727.35	1/2	1,368.39	1/2	1,009.60	1/2	650.96	1/2	292.01	1/2		1/2		1/2	
3/4	2,437.77	3/4	2,078.82	3/4	1,719.87	3/4	1,360.91	3/4	1,002.13	3/4	643.48	3/4	284.53	3/4		3/4		3/4	
7	2,430.30	7	2,071.34	7	1,712.39	7	1,353.44	7	994.67	7	636.00	7	277.06	7		7		7	
1/4	2,422.82	1/4	2,063.86	1/4	1,704.91	1/4	1,345.96	1/4	987.20	1/4	628.52	1/4	269.58	1/4		1/4		1/4	
1/2	2,415.34	1/2	2,056.39	1/2	1,697.43	1/2	1,338.48	1/2	979.74	1/2	621.04	1/2	262.10	1/2		1/2		1/2	
3/4	2,407.86	3/4	2,048.91	3/4	1,689.95	3/4	1,331.00	3/4	972.27	3/4	613.57	3/4	254.62	3/4		3/4		3/4	
8	2,400.38	8	2,041.43	8	1,682.48	8	1,323.52	8	964.81	8	606.09	8	247.14	8		8		8	
1/4	2,392.91	1/4	2,033.95	1/4	1,675.00	1/4	1,316.04	1/4	957.34	1/4	598.61	1/4	239.67	1/4		1/4		1/4	
1/2	2,385.43	1/2	2,026.47	1/2	1,667.52	1/2	1,308.57	1/2	949.88	1/2	591.13	1/2	232.19	1/2		1/2		1/2	
3/4	2,377.95	3/4	2,019.00	3/4	1,660.04	3/4	1,301.09	3/4	942.41	3/4	583.65	3/4	224.71	3/4		3/4		3/4	
9	2,370.47	9	2,011.52	9	1,652.56	9	1,293.61	9	934.95	9	576.18	9	217.23	9		9		9	
1/4	2,362.99	1/4	2,004.04	1/4	1,645.09	1/4	1,286.13	1/4	927.48	1/4	568.70	1/4	209.75	1/4		1/4		1/4	
1/2	2,355.51	1/2	1,996.56	1/2	1,637.61	1/2	1,278.65	1/2	920.02	1/2	561.22	1/2	202.28	1/2		1/2		1/2	
3/4	2,348.04	3/4	1,989.08	3/4	1,630.13	3/4	1,271.18	3/4	912.55	3/4	553.74	3/4	194.80	3/4		3/4		3/4	
10	2,340.56	10	1,981.60	10	1,622.65	10	1,263.70	10	905.09	10	546.26	10	187.32	10		10		10	
1/4	2,333.08	1/4	1,974.13	1/4	1,615.17	1/4	1,256.22	1/4	897.62	1/4	538.79	1/4	179.84	1/4		1/4		1/4	
1/2	2,325.60	1/2	1,966.65	1/2	1,607.69	1/2	1,248.74	1/2	890.16	1/2	531.31	1/2	172.36	1/2		1/2		1/2	
3/4	2,318.12	3/4	1,959.17	3/4	1,600.22	3/4	1,241.26	3/4	882.69	3/4	523.83	3/4	164.89	3/4		3/4		3/4	
11	2,310.65	11	1,951.69	11	1,592.74	11	1,233.78	11	875.23	11	516.35	11	157.41	11		11		11	
1/4	2,303.17	1/4	1,944.21	1/4	1,585.26	1/4	1,226.31	1/4	867.76	1/4	508.87	1/4	149.93	1/4		1/4		1/4	
1/2	2,295.69	1/2	1,936.74	1/2	1,577.78	1/2	1,218.83	1/2	860.30	1/2	501.40	1/2	142.45	1/2		1/2		1/2	
3/4	2,288.21	3/4	1,929.26	3/4	1,570.30	3/4	1,211.35	3/4	852.83	3/4	493.92	3/4	134.97	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/28/2016 CL
RECALCULATED: 05/11/2021 SW
REPRINTED: 05/11/2021 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2021

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

BARGE "HTCO 3150"

3 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-04"

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	4,383.07	0	4,137.01	0	3,890.08	0	3,643.07	0	3,321.49	0	2,965.46
1/4		1/4		1/4		1/4		1/4	4,377.97	1/4	4,131.88	1/4	3,884.93	1/4	3,637.93	1/4	3,314.09	1/4	2,958.04
1/2		1/2		1/2		1/2		1/2	4,372.86	1/2	4,126.74	1/2	3,879.78	1/2	3,632.78	1/2	3,306.69	1/2	2,950.62
3/4		3/4		3/4		3/4		3/4	4,367.76	3/4	4,121.61	3/4	3,874.64	3/4	3,627.64	3/4	3,299.29	3/4	2,943.20
1		1		1		1		1	4,362.65	1	4,116.47	1	3,869.49	1	3,622.49	1	3,291.89	1	2,935.77
1/4		1/4		1/4		1/4		1/4	4,357.55	1/4	4,111.34	1/4	3,864.35	1/4	3,617.34	1/4	3,284.49	1/4	2,928.35
1/2		1/2		1/2		1/2	4,585.81	1/2	4,352.45	1/2	4,106.20	1/2	3,859.20	1/2	3,612.20	1/2	3,277.09	1/2	2,920.92
3/4		3/4		3/4		3/4	4,583.36	3/4	4,347.34	3/4	4,101.06	3/4	3,854.06	3/4	3,607.05	3/4	3,269.69	3/4	2,913.50
2		2		2		2	4,579.85	2	4,342.22	2	4,095.91	2	3,848.91	2	3,601.91	2	3,262.28	2	2,906.08
1/4		1/4		1/4		1/4	4,576.34	1/4	4,337.10	1/4	4,090.77	1/4	3,843.76	1/4	3,596.76	1/4	3,254.87	1/4	2,898.65
1/2		1/2		1/2		1/2	4,572.83	1/2	4,331.99	1/2	4,085.62	1/2	3,838.62	1/2	3,591.61	1/2	3,247.46	1/2	2,891.23
3/4		3/4		3/4		3/4	4,569.32	3/4	4,326.87	3/4	4,080.47	3/4	3,833.47	3/4	3,586.47	3/4	3,240.05	3/4	2,883.80
3		3		3		3	4,564.81	3	4,321.74	3	4,075.33	3	3,828.33	3	3,580.75	3	3,232.63	3	2,876.38
1/4		1/4		1/4		1/4	4,560.30	1/4	4,316.61	1/4	4,070.18	1/4	3,823.18	1/4	3,575.03	1/4	3,225.21	1/4	2,868.96
1/2		1/2		1/2		1/2	4,555.79	1/2	4,311.47	1/2	4,065.04	1/2	3,818.03	1/2	3,569.31	1/2	3,217.78	1/2	2,861.53
3/4		3/4		3/4		3/4	4,551.29	3/4	4,306.34	3/4	4,059.89	3/4	3,812.89	3/4	3,563.59	3/4	3,210.36	3/4	2,854.11
4		4		4		4	4,546.25	4	4,301.21	4	4,054.75	4	3,807.74	4	3,556.74	4	3,202.94	4	2,846.69
1/4		1/4		1/4		1/4	4,541.21	1/4	4,296.08	1/4	4,049.60	1/4	3,802.60	1/4	3,549.88	1/4	3,195.52	1/4	2,839.26
1/2		1/2		1/2		1/2	4,536.17	1/2	4,290.95	1/2	4,044.45	1/2	3,797.45	1/2	3,543.03	1/2	3,188.10	1/2	2,831.84
3/4		3/4		3/4		3/4	4,531.13	3/4	4,285.82	3/4	4,039.31	3/4	3,792.30	3/4	3,536.18	3/4	3,180.68	3/4	2,824.41
5		5		5		5	4,526.02	5	4,280.69	5	4,034.16	5	3,787.16	5	3,528.76	5	3,173.26	5	2,816.99
1/4		1/4		1/4		1/4	4,520.91	1/4	4,275.55	1/4	4,029.02	1/4	3,782.01	1/4	3,521.35	1/4	3,165.84	1/4	2,809.57
1/2		1/2		1/2		1/2	4,515.81	1/2	4,270.42	1/2	4,023.87	1/2	3,776.87	1/2	3,513.94	1/2	3,158.41	1/2	2,802.14
3/4		3/4		3/4		3/4	4,510.70	3/4	4,265.29	3/4	4,018.72	3/4	3,771.72	3/4	3,506.53	3/4	3,150.99	3/4	2,794.72
6		6		6		6	4,505.59	6	4,260.16	6	4,013.58	6	3,766.57	6	3,499.12	6	3,143.57	6	2,787.29
1/4		1/4		1/4		1/4	4,500.48	1/4	4,255.03	1/4	4,008.43	1/4	3,761.43	1/4	3,491.72	1/4	3,136.15	1/4	2,779.87
1/2		1/2		1/2		1/2	4,495.38	1/2	4,249.90	1/2	4,003.29	1/2	3,756.28	1/2	3,484.31	1/2	3,128.73	1/2	2,772.45
3/4		3/4		3/4		3/4	4,490.27	3/4	4,244.77	3/4	3,998.14	3/4	3,751.14	3/4	3,476.90	3/4	3,121.31	3/4	2,765.02
7		7		7		7	4,485.16	7	4,239.63	7	3,992.99	7	3,745.99	7	3,469.50	7	3,113.89	7	2,757.60
1/4		1/4		1/4		1/4	4,480.06	1/4	4,234.50	1/4	3,987.85	1/4	3,740.85	1/4	3,462.10	1/4	3,106.47	1/4	2,750.17
1/2		1/2		1/2		1/2	4,474.95	1/2	4,229.37	1/2	3,982.70	1/2	3,735.70	1/2	3,454.70	1/2	3,099.04	1/2	2,742.75
3/4		3/4		3/4		3/4	4,469.84	3/4	4,224.24	3/4	3,977.56	3/4	3,730.55	3/4	3,447.30	3/4	3,091.62	3/4	2,735.33
8		8		8		8	4,464.74	8	4,219.11	8	3,972.41	8	3,725.41	8	3,439.90	8	3,084.20	8	2,727.90
1/4		1/4		1/4		1/4	4,459.63	1/4	4,213.98	1/4	3,967.26	1/4	3,720.26	1/4	3,432.50	1/4	3,076.78	1/4	2,720.48
1/2		1/2		1/2		1/2	4,454.53	1/2	4,208.85	1/2	3,962.12	1/2	3,715.12	1/2	3,425.10	1/2	3,069.36	1/2	2,713.05
3/4		3/4		3/4		3/4	4,449.42	3/4	4,203.72	3/4	3,956.97	3/4	3,709.97	3/4	3,417.70	3/4	3,061.94	3/4	2,705.63
9		9		9		9	4,444.32	9	4,198.58	9	3,951.83	9	3,704.82	9	3,410.30	9	3,054.52	9	2,698.21
1/4		1/4		1/4		1/4	4,439.21	1/4	4,193.45	1/4	3,946.68	1/4	3,699.68	1/4	3,402.90	1/4	3,047.10	1/4	2,690.78
1/2		1/2		1/2		1/2	4,434.11	1/2	4,188.32	1/2	3,941.54	1/2	3,694.53	1/2	3,395.50	1/2	3,039.68	1/2	2,683.36
3/4		3/4		3/4		3/4	4,429.01	3/4	4,183.19	3/4	3,936.39	3/4	3,689.39	3/4	3,388.10	3/4	3,032.25	3/4	2,675.94
10		10		10		10	4,423.90	10	4,178.06	10	3,931.24	10	3,684.24	10	3,380.70	10	3,024.83	10	2,668.51
1/4		1/4		1/4		1/4	4,418.80	1/4	4,172.93	1/4	3,926.10	1/4	3,679.09	1/4	3,373.30	1/4	3,017.41	1/4	2,661.09
1/2		1/2		1/2		1/2	4,413.69	1/2	4,167.80	1/2	3,920.95	1/2	3,673.95	1/2	3,365.90	1/2	3,009.99	1/2	2,653.66
3/4		3/4		3/4		3/4	4,408.59	3/4	4,162.66	3/4	3,915.81	3/4	3,668.80	3/4	3,358.50	3/4	3,002.57	3/4	2,646.24
11		11		11		11	4,403.49	11	4,157.53	11	3,910.66	11	3,663.66	11	3,351.10	11	2,995.15	11	2,638.82
1/4		1/4		1/4		1/4	4,398.38	1/4	4,152.40	1/4	3,905.51	1/4	3,658.51	1/4	3,343.70	1/4	2,987.73	1/4	2,631.39
1/2		1/2		1/2		1/2	4,393.28	1/2	4,147.27	1/2	3,900.37	1/2	3,653.36	1/2	3,336.29	1/2	2,980.31	1/2	2,623.97
3/4		3/4		3/4		3/4	4,388.17	3/4	4,142.14	3/4	3,895.22	3/4	3,648.22	3/4	3,328.89	3/4	2,972.88	3/4	2,616.54

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 45'-00" FORWARD OF AFT BULKHEAD.

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

BARGE "HTCO 3150"

3 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-04"

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	2,609.12	0	2,253.64	0	1,899.89	0	1,543.28	0	1,186.69	0	840.35	0	483.80	0	126.93	0		0	
1/4	2,601.69	1/4	2,246.25	1/4	1,892.49	1/4	1,535.85	1/4	1,179.36	1/4	833.03	1/4	476.37	1/4	119.49	1/4		1/4	
1/2	2,594.26	1/2	2,238.87	1/2	1,885.09	1/2	1,528.42	1/2	1,172.04	1/2	825.71	1/2	468.93	1/2	112.05	1/2		1/2	
3/4	2,586.83	3/4	2,231.49	3/4	1,877.69	3/4	1,520.99	3/4	1,164.71	3/4	818.39	3/4	461.50	3/4	104.62	3/4		3/4	
1	2,579.40	1	2,224.12	1	1,870.26	1	1,513.56	1	1,157.49	1	810.96	1	454.06	1	97.17	1		1	
1/4	2,571.97	1/4	2,216.76	1/4	1,862.82	1/4	1,506.13	1/4	1,150.27	1/4	803.52	1/4	446.63	1/4	89.73	1/4		1/4	
1/2	2,564.54	1/2	2,209.39	1/2	1,855.39	1/2	1,498.70	1/2	1,143.05	1/2	796.09	1/2	439.20	1/2	82.28	1/2		1/2	
3/4	2,557.11	3/4	2,202.02	3/4	1,847.96	3/4	1,491.26	3/4	1,135.83	3/4	788.65	3/4	431.76	3/4	74.84	3/4		3/4	
2	2,549.68	2	2,194.65	2	1,840.53	2	1,483.83	2	1,128.61	2	781.22	2	424.33	2	67.85	2		2	
1/4	2,542.25	1/4	2,187.28	1/4	1,833.10	1/4	1,476.40	1/4	1,121.40	1/4	773.78	1/4	416.89	1/4	60.87	1/4		1/4	
1/2	2,534.82	1/2	2,179.91	1/2	1,825.67	1/2	1,468.97	1/2	1,114.18	1/2	766.35	1/2	409.46	1/2	53.89	1/2		1/2	
3/4	2,527.39	3/4	2,172.55	3/4	1,818.24	3/4	1,461.54	3/4	1,106.97	3/4	758.91	3/4	402.03	3/4	46.91	3/4		3/4	
3	2,519.95	3	2,165.18	3	1,810.81	3	1,454.11	3	1,099.76	3	751.48	3	394.59	3	41.32	3		3	
1/4	2,512.52	1/4	2,157.81	1/4	1,803.38	1/4	1,446.68	1/4	1,092.55	1/4	744.04	1/4	387.16	1/4	35.74	1/4		1/4	
1/2	2,505.09	1/2	2,150.44	1/2	1,795.94	1/2	1,439.25	1/2	1,085.34	1/2	736.60	1/2	379.72	1/2	30.15	1/2		1/2	
3/4	2,497.66	3/4	2,143.07	3/4	1,788.51	3/4	1,431.82	3/4	1,078.13	3/4	729.17	3/4	372.29	3/4	24.57	3/4		3/4	
4	2,490.25	4	2,135.70	4	1,781.08	4	1,424.38	4	1,070.93	4	721.73	4	364.86	4	20.85	4		4	
1/4	2,482.84	1/4	2,128.34	1/4	1,773.65	1/4	1,416.95	1/4	1,063.72	1/4	714.30	1/4	357.42	1/4		1/4		1/4	
1/2	2,475.42	1/2	2,120.97	1/2	1,766.22	1/2	1,409.52	1/2	1,056.52	1/2	706.86	1/2	349.99	1/2		1/2		1/2	
3/4	2,468.01	3/4	2,113.60	3/4	1,758.79	3/4	1,402.09	3/4	1,049.31	3/4	699.43	3/4	342.55	3/4		3/4		3/4	
5	2,460.62	5	2,106.23	5	1,751.36	5	1,394.66	5	1,042.11	5	691.99	5	335.12	5		5		5	
1/4	2,453.23	1/4	2,098.86	1/4	1,743.93	1/4	1,387.23	1/4	1,034.91	1/4	684.56	1/4	327.69	1/4		1/4		1/4	
1/2	2,445.83	1/2	2,091.49	1/2	1,736.49	1/2	1,379.80	1/2	1,027.70	1/2	677.12	1/2	320.25	1/2		1/2		1/2	
3/4	2,438.44	3/4	2,084.13	3/4	1,729.06	3/4	1,372.37	3/4	1,020.50	3/4	669.69	3/4	312.82	3/4		3/4		3/4	
6	2,431.05	6	2,076.76	6	1,721.63	6	1,364.93	6	1,013.30	6	662.25	6	305.38	6		6		6	
1/4	2,423.66	1/4	2,069.39	1/4	1,714.20	1/4	1,357.50	1/4	1,006.10	1/4	654.82	1/4	297.95	1/4		1/4		1/4	
1/2	2,416.26	1/2	2,062.02	1/2	1,706.77	1/2	1,350.07	1/2	998.90	1/2	647.38	1/2	290.51	1/2		1/2		1/2	
3/4	2,408.87	3/4	2,054.65	3/4	1,699.34	3/4	1,342.64	3/4	991.70	3/4	639.94	3/4	283.08	3/4		3/4		3/4	
7	2,401.48	7	2,047.28	7	1,691.91	7	1,335.21	7	984.50	7	632.51	7	275.65	7		7		7	
1/4	2,394.09	1/4	2,039.92	1/4	1,684.48	1/4	1,327.78	1/4	977.29	1/4	625.07	1/4	268.21	1/4		1/4		1/4	
1/2	2,386.69	1/2	2,032.55	1/2	1,677.04	1/2	1,320.35	1/2	970.09	1/2	617.64	1/2	260.78	1/2		1/2		1/2	
3/4	2,379.30	3/4	2,025.18	3/4	1,669.61	3/4	1,312.92	3/4	962.89	3/4	610.20	3/4	253.34	3/4		3/4		3/4	
8	2,371.91	8	2,017.81	8	1,662.18	8	1,305.48	8	955.69	8	602.77	8	245.91	8		8		8	
1/4	2,364.51	1/4	2,010.44	1/4	1,654.75	1/4	1,298.05	1/4	948.49	1/4	595.33	1/4	238.47	1/4		1/4		1/4	
1/2	2,357.12	1/2	2,003.07	1/2	1,647.32	1/2	1,290.62	1/2	941.29	1/2	587.90	1/2	231.04	1/2		1/2		1/2	
3/4	2,349.73	3/4	1,995.71	3/4	1,639.89	3/4	1,283.19	3/4	934.09	3/4	580.46	3/4	223.61	3/4		3/4		3/4	
9	2,342.34	9	1,988.34	9	1,632.46	9	1,275.76	9	926.88	9	573.03	9	216.17	9		9		9	
1/4	2,334.94	1/4	1,980.97	1/4	1,625.03	1/4	1,268.33	1/4	919.68	1/4	565.59	1/4	208.73	1/4		1/4		1/4	
1/2	2,327.55	1/2	1,973.60	1/2	1,617.60	1/2	1,260.90	1/2	912.48	1/2	558.16	1/2	201.30	1/2		1/2		1/2	
3/4	2,320.16	3/4	1,966.23	3/4	1,610.16	3/4	1,253.47	3/4	905.28	3/4	550.72	3/4	193.86	3/4		3/4		3/4	
10	2,312.77	10	1,958.87	10	1,602.73	10	1,246.04	10	898.08	10	543.28	10	186.43	10		10		10	
1/4	2,305.37	1/4	1,951.50	1/4	1,595.30	1/4	1,238.60	1/4	890.88	1/4	535.85	1/4	178.99	1/4		1/4		1/4	
1/2	2,297.98	1/2	1,944.13	1/2	1,587.87	1/2	1,231.17	1/2	883.67	1/2	528.41	1/2	171.56	1/2		1/2		1/2	
3/4	2,290.59	3/4	1,936.76	3/4	1,580.44	3/4	1,223.74	3/4	876.47	3/4	520.98	3/4	164.12	3/4		3/4		3/4	
11	2,283.19	11	1,929.39	11	1,573.01	11	1,216.31	11	869.27	11	513.54	11	156.68	11		11		11	
1/4	2,275.80	1/4	1,922.02	1/4	1,565.58	1/4	1,208.88	1/4	862.07	1/4	506.11	1/4	149.25	1/4		1/4		1/4	
1/2	2,268.41	1/2	1,914.66	1/2	1,558.15	1/2	1,201.45	1/2	854.87	1/2	498.67	1/2	141.81	1/2		1/2		1/2	
3/4	2,261.02	3/4	1,907.29	3/4	1,550.71	3/4	1,194.02	3/4	847.67	3/4	491.24	3/4	134.37	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/28/2016 CL
RECALCULATED: 05/11/2021 SW
REPRINTED: 05/11/2021 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2021

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

BARGE "HTCO 3150"

3 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-04"

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	4,404.85	0	4,158.72	0	3,911.71	0	3,664.65	0	3,342.64	0	2,985.82
1/4		1/4		1/4		1/4		1/4	4,399.74	1/4	4,153.58	1/4	3,906.57	1/4	3,659.50	1/4	3,335.22	1/4	2,978.39
1/2		1/2		1/2		1/2		1/2	4,394.64	1/2	4,148.45	1/2	3,901.42	1/2	3,654.35	1/2	3,327.80	1/2	2,970.95
3/4		3/4		3/4		3/4		3/4	4,389.53	3/4	4,143.32	3/4	3,896.27	3/4	3,649.21	3/4	3,320.39	3/4	2,963.51
1		1		1		1		1	4,384.42	1	4,138.18	1	3,891.12	1	3,644.06	1	3,312.97	1	2,956.07
1/4		1/4		1/4		1/4		1/4	4,379.32	1/4	4,133.03	1/4	3,885.98	1/4	3,638.91	1/4	3,305.55	1/4	2,948.63
1/2		1/2		1/2		1/2	4,607.65	1/2	4,374.21	1/2	4,127.89	1/2	3,880.83	1/2	3,633.76	1/2	3,298.14	1/2	2,941.19
3/4		3/4		3/4		3/4	4,605.20	3/4	4,369.11	3/4	4,122.75	3/4	3,875.68	3/4	3,628.62	3/4	3,290.72	3/4	2,933.75
2		2		2		2	4,601.69	2	4,363.99	2	4,117.60	2	3,870.54	2	3,623.47	2	3,283.29	2	2,926.31
1/4		1/4		1/4		1/4	4,598.18	1/4	4,358.87	1/4	4,112.45	1/4	3,865.39	1/4	3,618.32	1/4	3,275.87	1/4	2,918.87
1/2		1/2		1/2		1/2	4,594.66	1/2	4,353.75	1/2	4,107.31	1/2	3,860.24	1/2	3,613.18	1/2	3,268.44	1/2	2,911.43
3/4		3/4		3/4		3/4	4,591.15	3/4	4,348.63	3/4	4,102.16	3/4	3,855.09	3/4	3,608.03	3/4	3,261.01	3/4	2,903.99
3		3		3		3	4,586.64	3	4,343.50	3	4,097.01	3	3,849.95	3	3,602.31	3	3,253.57	3	2,896.55
1/4		1/4		1/4		1/4	4,582.13	1/4	4,338.37	1/4	4,091.87	1/4	3,844.80	1/4	3,596.59	1/4	3,246.14	1/4	2,889.11
1/2		1/2		1/2		1/2	4,577.62	1/2	4,333.24	1/2	4,086.72	1/2	3,839.65	1/2	3,590.87	1/2	3,238.70	1/2	2,881.67
3/4		3/4		3/4		3/4	4,573.11	3/4	4,328.10	3/4	4,081.57	3/4	3,834.51	3/4	3,585.14	3/4	3,231.26	3/4	2,874.23
4		4		4		4	4,568.07	4	4,322.97	4	4,076.42	4	3,829.36	4	3,578.29	4	3,223.82	4	2,866.79
1/4		1/4		1/4		1/4	4,563.03	1/4	4,317.84	1/4	4,071.28	1/4	3,824.21	1/4	3,571.43	1/4	3,216.39	1/4	2,859.35
1/2		1/2		1/2		1/2	4,557.99	1/2	4,312.70	1/2	4,066.13	1/2	3,819.06	1/2	3,564.58	1/2	3,208.95	1/2	2,851.91
3/4		3/4		3/4		3/4	4,552.94	3/4	4,307.57	3/4	4,060.98	3/4	3,813.92	3/4	3,557.72	3/4	3,201.51	3/4	2,844.47
5		5		5		5	4,547.84	5	4,302.44	5	4,055.83	5	3,808.77	5	3,550.31	5	3,194.07	5	2,837.03
1/4		1/4		1/4		1/4	4,542.73	1/4	4,297.30	1/4	4,050.69	1/4	3,803.62	1/4	3,542.89	1/4	3,186.64	1/4	2,829.59
1/2		1/2		1/2		1/2	4,537.62	1/2	4,292.17	1/2	4,045.54	1/2	3,798.47	1/2	3,535.47	1/2	3,179.20	1/2	2,822.15
3/4		3/4		3/4		3/4	4,532.51	3/4	4,287.04	3/4	4,040.39	3/4	3,793.33	3/4	3,528.06	3/4	3,171.76	3/4	2,814.71
6		6		6		6	4,527.40	6	4,281.91	6	4,035.25	6	3,788.18	6	3,520.64	6	3,164.32	6	2,807.27
1/4		1/4		1/4		1/4	4,522.29	1/4	4,276.77	1/4	4,030.10	1/4	3,783.03	1/4	3,513.22	1/4	3,156.89	1/4	2,799.83
1/2		1/2		1/2		1/2	4,517.19	1/2	4,271.64	1/2	4,024.95	1/2	3,777.89	1/2	3,505.81	1/2	3,149.45	1/2	2,792.39
3/4		3/4		3/4		3/4	4,512.08	3/4	4,266.51	3/4	4,019.80	3/4	3,772.74	3/4	3,498.39	3/4	3,142.01	3/4	2,784.95
7		7		7		7	4,506.97	7	4,261.37	7	4,014.66	7	3,767.59	7	3,490.97	7	3,134.57	7	2,777.50
1/4		1/4		1/4		1/4	4,501.86	1/4	4,256.24	1/4	4,009.51	1/4	3,762.44	1/4	3,483.56	1/4	3,127.14	1/4	2,770.06
1/2		1/2		1/2		1/2	4,496.75	1/2	4,251.11	1/2	4,004.36	1/2	3,757.30	1/2	3,476.14	1/2	3,119.70	1/2	2,762.62
3/4		3/4		3/4		3/4	4,491.65	3/4	4,245.98	3/4	3,999.22	3/4	3,752.15	3/4	3,468.72	3/4	3,112.26	3/4	2,755.18
8		8		8		8	4,486.54	8	4,240.84	8	3,994.07	8	3,747.00	8	3,461.31	8	3,104.82	8	2,747.74
1/4		1/4		1/4		1/4	4,481.43	1/4	4,235.71	1/4	3,988.92	1/4	3,741.86	1/4	3,453.89	1/4	3,097.39	1/4	2,740.30
1/2		1/2		1/2		1/2	4,476.33	1/2	4,230.58	1/2	3,983.77	1/2	3,736.71	1/2	3,446.47	1/2	3,089.95	1/2	2,732.86
3/4		3/4		3/4		3/4	4,471.22	3/4	4,225.44	3/4	3,978.63	3/4	3,731.56	3/4	3,439.06	3/4	3,082.51	3/4	2,725.42
9		9		9		9	4,466.11	9	4,220.31	9	3,973.48	9	3,726.41	9	3,431.64	9	3,075.07	9	2,717.98
1/4		1/4		1/4		1/4	4,461.01	1/4	4,215.18	1/4	3,968.33	1/4	3,721.27	1/4	3,424.22	1/4	3,067.64	1/4	2,710.54
1/2		1/2		1/2		1/2	4,455.90	1/2	4,210.05	1/2	3,963.19	1/2	3,716.12	1/2	3,416.80	1/2	3,060.20	1/2	2,703.10
3/4		3/4		3/4		3/4	4,450.80	3/4	4,204.91	3/4	3,958.04	3/4	3,710.97	3/4	3,409.39	3/4	3,052.76	3/4	2,695.66
10		10		10		10	4,445.69	10	4,199.78	10	3,952.89	10	3,705.83	10	3,401.97	10	3,045.32	10	2,688.22
1/4		1/4		1/4		1/4	4,440.59	1/4	4,194.65	1/4	3,947.74	1/4	3,700.68	1/4	3,394.55	1/4	3,037.89	1/4	2,680.78
1/2		1/2		1/2		1/2	4,435.48	1/2	4,189.51	1/2	3,942.60	1/2	3,695.53	1/2	3,387.14	1/2	3,030.45	1/2	2,673.34
3/4		3/4		3/4		3/4	4,430.37	3/4	4,184.38	3/4	3,937.45	3/4	3,690.38	3/4	3,379.72	3/4	3,023.01	3/4	2,665.90
11		11		11		11	4,425.27	11	4,179.25	11	3,932.30	11	3,685.24	11	3,372.30	11	3,015.57	11	2,658.46
1/4		1/4		1/4		1/4	4,420.16	1/4	4,174.12	1/4	3,927.15	1/4	3,680.09	1/4	3,364.89	1/4	3,008.14	1/4	2,651.02
1/2		1/2		1/2		1/2	4,415.06	1/2	4,168.98	1/2	3,922.01	1/2	3,674.94	1/2	3,357.47	1/2	3,000.70	1/2	2,643.58
3/4		3/4		3/4		3/4	4,409.95	3/4	4,163.85	3/4	3,916.86	3/4	3,669.79	3/4	3,350.05	3/4	2,993.26	3/4	2,636.14

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 45'-00" FORWARD OF AFT BULKHEAD.

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

BARGE "HTCO 3150"

3 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-04"

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	2,628.70	0	2,271.24	0	1,913.76	0	1,556.29	0	1,198.81	0	841.87	0	484.43	0	126.96	0		0	
1/4	2,621.26	1/4	2,263.79	1/4	1,906.32	1/4	1,548.84	1/4	1,191.36	1/4	834.43	1/4	476.98	1/4	119.52	1/4		1/4	
1/2	2,613.81	1/2	2,256.34	1/2	1,898.87	1/2	1,541.39	1/2	1,183.92	1/2	826.99	1/2	469.53	1/2	112.07	1/2		1/2	
3/4	2,606.37	3/4	2,248.90	3/4	1,891.42	3/4	1,533.95	3/4	1,176.47	3/4	819.55	3/4	462.09	3/4	104.62	3/4		3/4	
1	2,598.92	1	2,241.45	1	1,883.97	1	1,526.50	1	1,169.02	1	812.11	1	454.64	1	97.17	1		1	
1/4	2,591.48	1/4	2,234.00	1/4	1,876.53	1/4	1,519.05	1/4	1,161.58	1/4	804.66	1/4	447.19	1/4	89.73	1/4		1/4	
1/2	2,584.03	1/2	2,226.55	1/2	1,869.08	1/2	1,511.60	1/2	1,154.13	1/2	797.21	1/2	439.75	1/2	82.28	1/2		1/2	
3/4	2,576.58	3/4	2,219.11	3/4	1,861.63	3/4	1,504.16	3/4	1,146.68	3/4	789.76	3/4	432.30	3/4	74.83	3/4		3/4	
2	2,569.13	2	2,211.66	2	1,854.18	2	1,496.71	2	1,139.24	2	782.32	2	424.85	2	67.85	2		2	
1/4	2,561.69	1/4	2,204.21	1/4	1,846.74	1/4	1,489.26	1/4	1,131.79	1/4	774.87	1/4	417.40	1/4	60.87	1/4		1/4	
1/2	2,554.24	1/2	2,196.76	1/2	1,839.29	1/2	1,481.81	1/2	1,124.35	1/2	767.42	1/2	409.96	1/2	53.89	1/2		1/2	
3/4	2,546.79	3/4	2,189.32	3/4	1,831.84	3/4	1,474.37	3/4	1,116.91	3/4	759.98	3/4	402.51	3/4	46.91	3/4		3/4	
3	2,539.34	3	2,181.87	3	1,824.39	3	1,466.92	3	1,109.47	3	752.53	3	395.06	3	41.32	3		3	
1/4	2,531.90	1/4	2,174.42	1/4	1,816.95	1/4	1,459.47	1/4	1,102.03	1/4	745.08	1/4	387.62	1/4	35.74	1/4		1/4	
1/2	2,524.45	1/2	2,166.97	1/2	1,809.50	1/2	1,452.02	1/2	1,094.59	1/2	737.63	1/2	380.17	1/2	30.15	1/2		1/2	
3/4	2,517.00	3/4	2,159.53	3/4	1,802.05	3/4	1,444.58	3/4	1,087.15	3/4	730.19	3/4	372.72	3/4	24.57	3/4		3/4	
4	2,509.55	4	2,152.08	4	1,794.60	4	1,437.13	4	1,079.71	4	722.74	4	365.27	4	20.85	4		4	
1/4	2,502.11	1/4	2,144.63	1/4	1,787.16	1/4	1,429.68	1/4	1,072.28	1/4	715.29	1/4	357.83	1/4		1/4		1/4	
1/2	2,494.66	1/2	2,137.18	1/2	1,779.71	1/2	1,422.23	1/2	1,064.84	1/2	707.85	1/2	350.38	1/2		1/2		1/2	
3/4	2,487.21	3/4	2,129.74	3/4	1,772.26	3/4	1,414.79	3/4	1,057.41	3/4	700.40	3/4	342.93	3/4		3/4		3/4	
5	2,479.76	5	2,122.29	5	1,764.81	5	1,407.34	5	1,049.98	5	692.95	5	335.49	5		5		5	
1/4	2,472.32	1/4	2,114.84	1/4	1,757.37	1/4	1,399.89	1/4	1,042.54	1/4	685.50	1/4	328.04	1/4		1/4		1/4	
1/2	2,464.87	1/2	2,107.39	1/2	1,749.92	1/2	1,392.44	1/2	1,035.11	1/2	678.06	1/2	320.59	1/2		1/2		1/2	
3/4	2,457.42	3/4	2,099.95	3/4	1,742.47	3/4	1,385.00	3/4	1,027.68	3/4	670.61	3/4	313.14	3/4		3/4		3/4	
6	2,449.98	6	2,092.50	6	1,735.02	6	1,377.55	6	1,020.25	6	663.16	6	305.70	6		6		6	
1/4	2,442.53	1/4	2,085.05	1/4	1,727.58	1/4	1,370.10	1/4	1,012.82	1/4	655.71	1/4	298.25	1/4		1/4		1/4	
1/2	2,435.08	1/2	2,077.61	1/2	1,720.13	1/2	1,362.65	1/2	1,005.38	1/2	648.27	1/2	290.80	1/2		1/2		1/2	
3/4	2,427.63	3/4	2,070.16	3/4	1,712.68	3/4	1,355.21	3/4	997.95	3/4	640.82	3/4	283.35	3/4		3/4		3/4	
7	2,420.19	7	2,062.71	7	1,705.24	7	1,347.76	7	990.52	7	633.37	7	275.91	7		7		7	
1/4	2,412.74	1/4	2,055.26	1/4	1,697.79	1/4	1,340.31	1/4	983.09	1/4	625.93	1/4	268.46	1/4		1/4		1/4	
1/2	2,405.29	1/2	2,047.82	1/2	1,690.34	1/2	1,332.87	1/2	975.65	1/2	618.48	1/2	261.01	1/2		1/2		1/2	
3/4	2,397.84	3/4	2,040.37	3/4	1,682.89	3/4	1,325.42	3/4	968.22	3/4	611.03	3/4	253.57	3/4		3/4		3/4	
8	2,390.40	8	2,032.92	8	1,675.45	8	1,317.97	8	960.79	8	603.58	8	246.12	8		8		8	
1/4	2,382.95	1/4	2,025.47	1/4	1,668.00	1/4	1,310.52	1/4	953.36	1/4	596.14	1/4	238.67	1/4		1/4		1/4	
1/2	2,375.50	1/2	2,018.03	1/2	1,660.55	1/2	1,303.08	1/2	945.93	1/2	588.69	1/2	231.22	1/2		1/2		1/2	
3/4	2,368.05	3/4	2,010.58	3/4	1,653.10	3/4	1,295.63	3/4	938.49	3/4	581.24	3/4	223.78	3/4		3/4		3/4	
9	2,360.61	9	2,003.13	9	1,645.66	9	1,288.18	9	931.06	9	573.80	9	216.33	9		9		9	
1/4	2,353.16	1/4	1,995.68	1/4	1,638.21	1/4	1,280.73	1/4	923.63	1/4	566.35	1/4	208.88	1/4		1/4		1/4	
1/2	2,345.71	1/2	1,988.24	1/2	1,630.76	1/2	1,273.29	1/2	916.20	1/2	558.90	1/2	201.44	1/2		1/2		1/2	
3/4	2,338.26	3/4	1,980.79	3/4	1,623.31	3/4	1,265.84	3/4	908.76	3/4	551.45	3/4	193.99	3/4		3/4		3/4	
10	2,330.82	10	1,973.34	10	1,615.87	10	1,258.39	10	901.33	10	544.01	10	186.54	10		10		10	
1/4	2,323.37	1/4	1,965.89	1/4	1,608.42	1/4	1,250.94	1/4	893.90	1/4	536.56	1/4	179.09	1/4		1/4		1/4	
1/2	2,315.92	1/2	1,958.45	1/2	1,600.97	1/2	1,243.50	1/2	886.47	1/2	529.11	1/2	171.65	1/2		1/2		1/2	
3/4	2,308.47	3/4	1,951.00	3/4	1,593.52	3/4	1,236.05	3/4	879.04	3/4	521.67	3/4	164.20	3/4		3/4		3/4	
11	2,301.03	11	1,943.55	11	1,586.08	11	1,228.60	11	871.60	11	514.22	11	156.75	11		11		11	
1/4	2,293.58	1/4	1,936.10	1/4	1,578.63	1/4	1,221.15	1/4	864.17	1/4	506.77	1/4	149.31	1/4		1/4		1/4	
1/2	2,286.13	1/2	1,928.66	1/2	1,571.18	1/2	1,213.71	1/2	856.74	1/2	499.32	1/2	141.86	1/2		1/2		1/2	
3/4	2,278.69	3/4	1,921.21	3/4	1,563.73	3/4	1,206.26	3/4	849.31	3/4	491.88	3/4	134.41	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/28/2016 CL
RECALCULATED: 05/11/2021 SW
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CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2021

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

BARGE "HTCO 3150"

FWD SLOP TANK

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-06 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	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2016

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

BARGE "HTCO 3150"

FWD SLOP TANK

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	1,590	0	1,141	0	692	0	243	0		0		0		0	
1/4		1/4		1/4	1,581	1/4	1,132	1/4	683	1/4	234	1/4		1/4		1/4		1/4	
1/2		1/2	2,020	1/2	1,571	1/2	1,122	1/2	673	1/2	225	1/2		1/2		1/2		1/2	
3/4		3/4	2,011	3/4	1,562	3/4	1,113	3/4	664	3/4	215	3/4		3/4		3/4		3/4	
1		1	2,001	1	1,552	1	1,104	1	655	1	206	1		1		1		1	
1/4		1/4	1,992	1/4	1,543	1/4	1,094	1/4	645	1/4	197	1/4		1/4		1/4		1/4	
1/2		1/2	1,983	1/2	1,534	1/2	1,085	1/2	636	1/2	187	1/2		1/2		1/2		1/2	
3/4		3/4	1,973	3/4	1,524	3/4	1,076	3/4	627	3/4	178	3/4		3/4		3/4		3/4	
2		2	1,964	2	1,515	2	1,066	2	617	2	169	2		2		2		2	
1/4		1/4	1,955	1/4	1,506	1/4	1,057	1/4	608	1/4	159	1/4		1/4		1/4		1/4	
1/2		1/2	1,945	1/2	1,496	1/2	1,048	1/2	599	1/2	150	1/2		1/2		1/2		1/2	
3/4		3/4	1,936	3/4	1,487	3/4	1,038	3/4	589	3/4	140	3/4		3/4		3/4		3/4	
3		3	1,926	3	1,478	3	1,029	3	580	3	131	3		3		3		3	
1/4		1/4	1,917	1/4	1,468	1/4	1,019	1/4	571	1/4	122	1/4		1/4		1/4		1/4	
1/2		1/2	1,908	1/2	1,459	1/2	1,010	1/2	561	1/2	112	1/2		1/2		1/2		1/2	
3/4		3/4	1,898	3/4	1,450	3/4	1,001	3/4	552	3/4	103	3/4		3/4		3/4		3/4	
4		4	1,889	4	1,440	4	991	4	543	4	94	4		4		4		4	
1/4		1/4	1,880	1/4	1,431	1/4	982	1/4	533	1/4	84	1/4		1/4		1/4		1/4	
1/2		1/2	1,870	1/2	1,422	1/2	973	1/2	524	1/2	75	1/2		1/2		1/2		1/2	
3/4		3/4	1,861	3/4	1,412	3/4	963	3/4	515	3/4	66	3/4		3/4		3/4		3/4	
5		5	1,852	5	1,403	5	954	5	505	5	56	5		5		5		5	
1/4		1/4	1,842	1/4	1,394	1/4	945	1/4	496	1/4	47	1/4		1/4		1/4		1/4	
1/2		1/2	1,833	1/2	1,384	1/2	935	1/2	486	1/2	38	1/2		1/2		1/2		1/2	
3/4		3/4	1,824	3/4	1,375	3/4	926	3/4	477	3/4	28	3/4		3/4		3/4		3/4	
6		6	1,814	6	1,365	6	917	6	468	6	19	6		6		6		6	
1/4		1/4	1,805	1/4	1,356	1/4	907	1/4	458	1/4	9	1/4		1/4		1/4		1/4	
1/2		1/2	1,796	1/2	1,347	1/2	898	1/2	449	1/2	0	1/2		1/2		1/2		1/2	
3/4		3/4	1,786	3/4	1,337	3/4	889	3/4	440	3/4		3/4		3/4		3/4		3/4	
7		7	1,777	7	1,328	7	879	7	430	7		7		7		7		7	
1/4		1/4	1,768	1/4	1,319	1/4	870	1/4	421	1/4		1/4		1/4		1/4		1/4	
1/2		1/2	1,758	1/2	1,309	1/2	861	1/2	412	1/2		1/2		1/2		1/2		1/2	
3/4		3/4	1,749	3/4	1,300	3/4	851	3/4	402	3/4		3/4		3/4		3/4		3/4	
8		8	1,739	8	1,291	8	842	8	393	8		8		8		8		8	
1/4		1/4	1,730	1/4	1,281	1/4	832	1/4	384	1/4		1/4		1/4		1/4		1/4	
1/2		1/2	1,721	1/2	1,272	1/2	823	1/2	374	1/2		1/2		1/2		1/2		1/2	
3/4		3/4	1,711	3/4	1,263	3/4	814	3/4	365	3/4		3/4		3/4		3/4		3/4	
9		9	1,702	9	1,253	9	804	9	356	9		9		9		9		9	
1/4		1/4	1,693	1/4	1,244	1/4	795	1/4	346	1/4		1/4		1/4		1/4		1/4	
1/2		1/2	1,683	1/2	1,235	1/2	786	1/2	337	1/2		1/2		1/2		1/2		1/2	
3/4		3/4	1,674	3/4	1,225	3/4	776	3/4	328	3/4		3/4		3/4		3/4		3/4	
10		10	1,665	10	1,216	10	767	10	318	10		10		10		10		10	
1/4		1/4	1,655	1/4	1,206	1/4	758	1/4	309	1/4		1/4		1/4		1/4		1/4	
1/2		1/2	1,646	1/2	1,197	1/2	748	1/2	299	1/2		1/2		1/2		1/2		1/2	
3/4		3/4	1,637	3/4	1,188	3/4	739	3/4	290	3/4		3/4		3/4		3/4		3/4	
11		11	1,627	11	1,178	11	730	11	281	11		11		11		11		11	
1/4		1/4	1,618	1/4	1,169	1/4	720	1/4	271	1/4		1/4		1/4		1/4		1/4	
1/2		1/2	1,609	1/2	1,160	1/2	711	1/2	262	1/2		1/2		1/2		1/2		1/2	
3/4		3/4	1,599	3/4	1,150	3/4	702	3/4	253	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "HTCO 3150"

AFT SLOP TANK

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-06 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	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2016

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

BARGE "HTCO 3150"

AFT SLOP TANK

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	1,590	0	1,141	0	692	0	243	0		0		0		0	
1/4		1/4		1/4	1,581	1/4	1,132	1/4	683	1/4	234	1/4		1/4		1/4		1/4	
1/2		1/2	2,020	1/2	1,571	1/2	1,122	1/2	673	1/2	225	1/2		1/2		1/2		1/2	
3/4		3/4	2,011	3/4	1,562	3/4	1,113	3/4	664	3/4	215	3/4		3/4		3/4		3/4	
1		1	2,001	1	1,552	1	1,104	1	655	1	206	1		1		1		1	
1/4		1/4	1,992	1/4	1,543	1/4	1,094	1/4	645	1/4	197	1/4		1/4		1/4		1/4	
1/2		1/2	1,983	1/2	1,534	1/2	1,085	1/2	636	1/2	187	1/2		1/2		1/2		1/2	
3/4		3/4	1,973	3/4	1,524	3/4	1,076	3/4	627	3/4	178	3/4		3/4		3/4		3/4	
2		2	1,964	2	1,515	2	1,066	2	617	2	169	2		2		2		2	
1/4		1/4	1,955	1/4	1,506	1/4	1,057	1/4	608	1/4	159	1/4		1/4		1/4		1/4	
1/2		1/2	1,945	1/2	1,496	1/2	1,048	1/2	599	1/2	150	1/2		1/2		1/2		1/2	
3/4		3/4	1,936	3/4	1,487	3/4	1,038	3/4	589	3/4	140	3/4		3/4		3/4		3/4	
3		3	1,926	3	1,478	3	1,029	3	580	3	131	3		3		3		3	
1/4		1/4	1,917	1/4	1,468	1/4	1,019	1/4	571	1/4	122	1/4		1/4		1/4		1/4	
1/2		1/2	1,908	1/2	1,459	1/2	1,010	1/2	561	1/2	112	1/2		1/2		1/2		1/2	
3/4		3/4	1,898	3/4	1,450	3/4	1,001	3/4	552	3/4	103	3/4		3/4		3/4		3/4	
4		4	1,889	4	1,440	4	991	4	543	4	94	4		4		4		4	
1/4		1/4	1,880	1/4	1,431	1/4	982	1/4	533	1/4	84	1/4		1/4		1/4		1/4	
1/2		1/2	1,870	1/2	1,422	1/2	973	1/2	524	1/2	75	1/2		1/2		1/2		1/2	
3/4		3/4	1,861	3/4	1,412	3/4	963	3/4	515	3/4	66	3/4		3/4		3/4		3/4	
5		5	1,852	5	1,403	5	954	5	505	5	56	5		5		5		5	
1/4		1/4	1,842	1/4	1,394	1/4	945	1/4	496	1/4	47	1/4		1/4		1/4		1/4	
1/2		1/2	1,833	1/2	1,384	1/2	935	1/2	486	1/2	38	1/2		1/2		1/2		1/2	
3/4		3/4	1,824	3/4	1,375	3/4	926	3/4	477	3/4	28	3/4		3/4		3/4		3/4	
6		6	1,814	6	1,365	6	917	6	468	6	19	6		6		6		6	
1/4		1/4	1,805	1/4	1,356	1/4	907	1/4	458	1/4	9	1/4		1/4		1/4		1/4	
1/2		1/2	1,796	1/2	1,347	1/2	898	1/2	449	1/2	0	1/2		1/2		1/2		1/2	
3/4		3/4	1,786	3/4	1,337	3/4	889	3/4	440	3/4		3/4		3/4		3/4		3/4	
7		7	1,777	7	1,328	7	879	7	430	7		7		7		7		7	
1/4		1/4	1,768	1/4	1,319	1/4	870	1/4	421	1/4		1/4		1/4		1/4		1/4	
1/2		1/2	1,758	1/2	1,309	1/2	861	1/2	412	1/2		1/2		1/2		1/2		1/2	
3/4		3/4	1,749	3/4	1,300	3/4	851	3/4	402	3/4		3/4		3/4		3/4		3/4	
8		8	1,739	8	1,291	8	842	8	393	8		8		8		8		8	
1/4		1/4	1,730	1/4	1,281	1/4	832	1/4	384	1/4		1/4		1/4		1/4		1/4	
1/2		1/2	1,721	1/2	1,272	1/2	823	1/2	374	1/2		1/2		1/2		1/2		1/2	
3/4		3/4	1,711	3/4	1,263	3/4	814	3/4	365	3/4		3/4		3/4		3/4		3/4	
9		9	1,702	9	1,253	9	804	9	356	9		9		9		9		9	
1/4		1/4	1,693	1/4	1,244	1/4	795	1/4	346	1/4		1/4		1/4		1/4		1/4	
1/2		1/2	1,683	1/2	1,235	1/2	786	1/2	337	1/2		1/2		1/2		1/2		1/2	
3/4		3/4	1,674	3/4	1,225	3/4	776	3/4	328	3/4		3/4		3/4		3/4		3/4	
10		10	1,665	10	1,216	10	767	10	318	10		10		10		10		10	
1/4		1/4	1,655	1/4	1,206	1/4	758	1/4	309	1/4		1/4		1/4		1/4		1/4	
1/2		1/2	1,646	1/2	1,197	1/2	748	1/2	299	1/2		1/2		1/2		1/2		1/2	
3/4		3/4	1,637	3/4	1,188	3/4	739	3/4	290	3/4		3/4		3/4		3/4		3/4	
11		11	1,627	11	1,178	11	730	11	281	11		11		11		11		11	
1/4		1/4	1,618	1/4	1,169	1/4	720	1/4	271	1/4		1/4		1/4		1/4		1/4	
1/2		1/2	1,609	1/2	1,160	1/2	711	1/2	262	1/2		1/2		1/2		1/2		1/2	
3/4		3/4	1,599	3/4	1,150	3/4	702	3/4	253	3/4		3/4		3/4		3/4		3/4	

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BARGE "HTCO 3150"

FUEL TANK

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 3'-09 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	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	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE.

STRAPPED: 01/21/2016 CL
CALCULATED: 01/22/2016 CL
PRINTED:01/23/2016 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2016

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