BARGE "HTCO 3130"

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

(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 2 PORT IS - 00-1/8"
FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 283'-06"

April 26, 2024

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

http://www.pmacorp.net

BARGE "HTCO 3130"

1 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	5,322.51	0	4,923.90	0	4,524.02	0	4,124.08	0	3,724.15	0	3,324.20
1/4		1/4		1/4		1/4		1/4	5,314.24	1/4	4,915.59	1/4	4,515.69	1/4	4,115.75	1/4	3,715.82	1/4	3,315.86
1/2		1/2		1/2		1/2		1/2	5,305.97	1/2	4,907.26	1/2	4,507.36	1/2	4,107.42	1/2	3,707.48	1/2	3,307.52
3/4		3/4		3/4		3/4		3/4	5,297.70	3/4	4,898.94	3/4	4,499.02	3/4	4,099.09	3/4	3,699.15	3/4	3,299.19
1		1		1		1	5,671.25	1	5,289.43	1	4,890.62	1	4,490.69	1	4,090.76	1	3,690.82	1	3,290.85
1/4		1/4		1/4		1/4	5,666.45	1/4	5,281.16	1/4	4,882.30	1/4	4,482.36	1/4	4,082.42	1/4	3,682.49	1/4	3,282.52
1/2		1/2		1/2		1/2	5,660.26	1/2	5,272.87	1/2	4,873.96	1/2	4,474.03	1/2	4,074.09	1/2	3,674.16	1/2	3,274.18
3/4		3/4		3/4		3/4	5,654.07	3/4	5,264.58	3/4	4,865.63	3/4	4,465.70	3/4	4,065.76	3/4	3,665.82	3/4	3,265.84
2		2		2		2	5,647.88	2	5,256.29	2	4,857.30	2	4,457.36	2	4,057.43	2	3,657.49	2	3,257.51
1/4		1/4		1/4		1/4	5,641.69	1/4	5,248.00	1/4	4,848.97	1/4	4,449.03	1/4	4,049.10	1/4	3,649.16	1/4	3,249.17
1/2		1/2		1/2		1/2	5,634.19	1/2	5,239.69	1/2	4,840.64	1/2	4,440.70	1/2	4,040.76	1/2	3,640.83	1/2	3,240.84
3/4		3/4		3/4		3/4	5,626.70	3/4	5,231.38	3/4	4,832.30	3/4	4,432.37	3/4	4,032.43	3/4	3,632.50	3/4	3,232.50
3		3		3		3	5,619.20	3	5,223.07	3	4,823.97	3	4,424.04	3	4,024.10	3	3,624.16	3	3,224.16
1/4		1/4		1/4		1/4	5,611.71	1/4	5,214.76	1/4	4,815.64	1/4	4,415.70	1/4	4,015.77	1/4	3,615.83	1/4	3,215.83
1/2		1/2		1/2		1/2	5,603.52	1/2	5,206.45	1/2	4,807.31	1/2	4,407.37	1/2	4,007.44	1/2	3,607.50	1/2	3,207.49
3/4		3/4		3/4		3/4	5,595.33	3/4	5,198.14	3/4	4,798.98	3/4	4,399.04	3/4	3,999.10	3/4	3,599.17	3/4	3,199.16
4		4		4		4	5,587.14	4	5,189.83	4	4,790.64	4	4,390.71	4	3,990.77	4	3,590.84	4	3,190.82
1/4		1/4		1/4		1/4	5,578.96	1/4	5,181.52	1/4	4,782.31	1/4	4,382.38	1/4	3,982.44	1/4	3,582.50	1/4	3,182.48
1/2		1/2		1/2		1/2	5,570.68	1/2	5,173.20	1/2	4,773.98	1/2	4,374.04	1/2	3,974.11	1/2	3,574.17	1/2	3,174.15
3/4		3/4		3/4		3/4	5,562.41	3/4	5,164.89	3/4	4,765.65	3/4	4,365.71	3/4	3,965.78	3/4	3,565.84	3/4	3,165.81
5		5		5		5	5,554.13	5	5,156.58	5	4,757.32	5	4,357.38	5	3,957.44	5	3,557.51	5	3,157.48
1/4		1/4		1/4		1/4	5,545.86	1/4	5,148.27	1/4	4,748.98	1/4	4,349.05	1/4	3,949.11	1/4	3,549.18	1/4	3,149.14
1/2		1/2		1/2		1/2	5,537.58	1/2	5,139.96	1/2	4,740.65	1/2	4,340.72	1/2	3,940.78	1/2	3,540.84	1/2	3,140.80
3/4		3/4		3/4		3/4	5,529.31	3/4	5,131.65	3/4	4,732.32	3/4	4,332.38	3/4	3,932.45	3/4	3,532.51	3/4	3,132.47
6		6		6		6	5,521.03	6	5,123.34	6	4,723.99	6	4,324.05	6	3,924.12	6	3,524.18	6	3,124.13
1/4		1/4		1/4		1/4	5,512.76	1/4	5,115.03	1/4	4,715.66	1/4	4,315.72	1/4	3,915.78	1/4	3,515.85	1/4	3,115.80
1/2		1/2		1/2		1/2	5,504.48	1/2	5,106.72	1/2	4,707.32	1/2	4,307.39	1/2	3,907.45	1/2	3,507.52	1/2	3,107.46
3/4		3/4		3/4		3/4	5,496.21	3/4	5,098.41	3/4	4,698.99	3/4	4,299.06	3/4	3,899.12	3/4	3,499.18	3/4	3,099.12
7		7		7		7	5,487.93	7	5,090.10	7	4,690.66	7	4,290.72	7	3,890.79	7	3,490.85	7	3,090.79
1/4		1/4		1/4		1/4	5,479.66	1/4	5,081.79	1/4	4,682.33	1/4	4,282.39	1/4	3,882.46	1/4	3,482.52	1/4	3,082.45
1/2		1/2		1/2		1/2	5,471.39	1/2	5,073.48	1/2	4,674.00	1/2	4,274.06	1/2	3,874.12	1/2	3,474.19	1/2	3,074.12
3/4		3/4		3/4		3/4	5,463.11	3/4	5,065.17	3/4	4,665.66	3/4	4,265.73	3/4	3,865.79	3/4	3,465.86	3/4	3,065.78
8		8		8		8	5,454.84	8	5,056.86	8	4,657.33	8	4,257.40	8	3,857.46	8	3,457.52	8	3,057.44
1/4		1/4		1/4		1/4	5,446.57	1/4	5,048.55	1/4	4,649.00	1/4	4,249.06	1/4	3,849.13	1/4	3,449.19	1/4	3,049.11
1/2		1/2		1/2		1/2	5,438.30	1/2	5,040.24	1/2	4,640.67	1/2	4,240.73	1/2	3,840.80	1/2	3,440.86	1/2	3,040.77
3/4		3/4		3/4		3/4	5,430.03	3/4	5,031.93	3/4	4,632.34	3/4	4,232.40	3/4	3,832.46	3/4	3,432.53	3/4	3,032.44
9		9		9		9	5,421.76	9	5,023.62	9	4,624.00	9	4,224.07	9	3,824.13	9	3,424.20	9	3,024.10
1/4		1/4		1/4		1/4	5,413.49	1/4	5,015.31	1/4	4,615.67	1/4	4,215.74	1/4	3,815.80	1/4	3,415.86	1/4	3,015.76
1/2		1/2		1/2		1/2	5,405.22	1/2	5,007.00	1/2	4,607.34	1/2	4,207.40	1/2	3,807.47	1/2	3,407.53	1/2	3,007.43
3/4		3/4		3/4		3/4	5,396.95	3/4	4,998.69	3/4	4,599.01	3/4	4,199.07	3/4	3,799.14	3/4	3,399.20	3/4	2,999.09
10		10		10		10	5,388.68	10	4,990.38	10	4,590.68	10	4,190.74	10	3,790.80	10	3,390.87	10	2,990.76
1/4		1/4		1/4		1/4	5,380.41	1/4	4,982.07	1/4	4,582.34	1/4	4,182.41	1/4	3,782.47	1/4	3,382.54	1/4	2,982.42
1/2		1/2		1/2		1/2	5,372.13	1/2	4,973.76	1/2	4,574.01	1/2	4,174.08	1/2	3,774.14	1/2	3,374.20	1/2	2,974.08
3/4		3/4		3/4		3/4	5,363.86	3/4	4,965.45	3/4	4,565.68	3/4	4,165.74	3/4	3,765.81	3/4	3,365.87	3/4	2,965.75
11		11		11		11	5,355.59	11	4,957.14	11	4,557.35	11	4,157.41	11	3,757.48	11	3,357.54	11	2,957.41
1/4		1/4		1/4		1/4	5,347.32	1/4	4,948.83	1/4	4,549.02	1/4	4,149.08	1/4	3,749.14	1/4	3,349.21	1/4	2,949.08
1/2		1/2		1/2		1/2	5,339.05	1/2	4,940.52	1/2	4,540.68	1/2	4,140.75	1/2	3,740.81	1/2	3,340.87	1/2	2,940.74
3/4		3/4		3/4		3/4	5,330.78	3/4	4,932.21	3/4	4,532.35	3/4	4,132.42	3/4	3,732.48	3/4	3,332.53	3/4	2,932.40

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 12'-07" OFF CENTERLINE AND 47'-06" FORWARD OF AFT BULKHEAD.

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BARGE "HTCO 3130"

1 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,924.07	0	2,523.94	0	2,123.81	0	1,723.68	0	1,323.60	0	925.61	0	525.52	0	125.40	0		0	
1/4	2,915.73	1/4	2,515.60	1/4	2,115.48	1/4	1,715.35	1/4	1,315.28	1/4	917.30	1/4	517.19	1/4	117.07	1/4		1/4	
1/2	2,907.40	1/2	2,507.27	1/2	2,107.14	1/2	1,707.01	1/2	1,306.97	1/2	908.97	1/2	508.85	1/2	108.73	1/2		1/2	
3/4	2,899.06	3/4	2,498.93	3/4	2,098.80	3/4	1,698.68	3/4	1,298.67	3/4	900.63	3/4	500.51	3/4	100.40	3/4		3/4	
1	2,890.72	1	2,490.60	1	2,090.47	1	1,690.34	1	1,290.36	1	892.30	1	492.18	1	92.06	1		1	
1/4	2,882.39	1/4	2,482.26	1/4	2,082.13	1/4	1,682.00	1/4	1,282.05	1/4	883.96	1/4	483.84	1/4	83.72	1/4		1/4	
1/2	2,874.05	1/2	2,473.92	1/2	2,073.80	1/2	1,673.67	1/2	1,273.75	1/2	875.62	1/2	475.51	1/2	75.91	1/2		1/2	
3/4	2,865.72	3/4	2,465.59	3/4	2,065.46	3/4	1,665.33	3/4	1,265.45	3/4	867.29	3/4	467.17	3/4	68.09	3/4		3/4	
2	2,857.38	2	2,457.25	2	2,057.12	2	1,657.00	2	1,257.16	2	858.95	2	458.83	2	60.28	2		2	
1/4	2,849.04	1/4	2,448.92	1/4	2,048.79	1/4	1,648.66	1/4	1,248.86	1/4	850.62	1/4	450.50	1/4	52.46	1/4		1/4	
1/2	2,840.71	1/2	2,440.58	1/2	2,040.45	1/2	1,640.32	1/2	1,240.56	1/2	842.28	1/2	442.16	1/2	46.21	1/2		1/2	
3/4	2,832.37	3/4	2,432.24	3/4	2,032.12	3/4	1,631.99	3/4	1,232.27	3/4	833.95	3/4	433.83	3/4	39.96	3/4		3/4	
3	2,824.04	3	2,423.91	3	2,023.78	3	1,623.65	3	1,223.98	3	825.61	3	425.49	3	33.71	3		3	
1/4	2,815.70	1/4	2,415.57	1/4	2,015.44	1/4	1,615.32	1/4	1,215.69	1/4	817.27	1/4	417.16	1/4	27.46	1/4		1/4	
1/2	2,807.36	1/2	2,407.24	1/2	2,007.11	1/2	1,606.98	1/2	1,207.40	1/2	808.94	1/2	408.82	1/2	23.29	1/2		1/2	
3/4	2,799.03	3/4	2,398.90	3/4	1,998.77	3/4	1,598.64	3/4	1,199.11	3/4	800.60	3/4	400.48	3/4		3/4		3/4	
4	2,790.69	4	2,390.56	4	1,990.44	4	1,590.31	4	1,190.82	4	792.27	4	392.15	4		4		4	
1/4	2,782.36	1/4	2,382.23	1/4	1,982.10	1/4	1,581.97	1/4	1,182.53	1/4	783.93	1/4	383.81	1/4		1/4		1/4	
1/2	2,774.02	1/2	2,373.89	1/2	1,973.76	1/2	1,573.64	1/2	1,174.25	1/2	775.60	1/2	375.48	1/2		1/2		1/2	
3/4	2,765.68	3/4	2,365.56	3/4	1,965.43	3/4	1,565.30	3/4	1,165.96	3/4	767.26	3/4	367.14	3/4		3/4		3/4	
5	2,757.35	5	2,357.22	5	1,957.09	5	1,556.96	5	1,157.68	5	758.92	5	358.81	5		5		5	
1/4	2,749.01	1/4	2,348.88	1/4	1,948.76	1/4	1,548.63	1/4	1,149.39	1/4	750.59	1/4	350.47	1/4		1/4		1/4	
1/2	2,740.68	1/2	2,340.55	1/2	1,940.42	1/2	1,540.29	1/2	1,141.11	1/2	742.25	1/2	342.13	1/2		1/2		1/2	
3/4	2,732.34	3/4	2,332.21	3/4	1,932.08	3/4	1,531.96	3/4	1,132.82	3/4	733.92	3/4	333.80	3/4		3/4		3/4	
6	2,724.00	6	2,323.88	6	1,923.75	6	1,523.62	6	1,124.54	6	725.58	6	325.46	6		6		6	
1/4	2,715.67	1/4	2,315.54	1/4	1,915.41	1/4	1,515.28	1/4	1,116.25	1/4	717.24	1/4	317.13	1/4		1/4		1/4	
1/2	2,707.33	1/2	2,307.20	1/2	1,907.08	1/2	1,506.95	1/2	1,107.96	1/2	708.91	1/2	308.79	1/2		1/2		1/2	
3/4	2,699.00	3/4	2,298.87	3/4	1,898.74	3/4	1,498.61	3/4	1,099.68	3/4	700.57	3/4	300.45	3/4		3/4		3/4	
7	2,690.66	7	2,290.53	7	1,890.40	7	1,490.28	7	1,091.39	7	692.24	7	292.12	7		7		7	
1/4	2,682.32	1/4	2,282.20	1/4	1,882.07	1/4	1,481.94	1/4	1,083.11	1/4	683.90	1/4	283.78	1/4		1/4		1/4	
1/2	2,673.99	1/2	2,273.86	1/2	1,873.73	1/2	1,473.60	1/2	1,074.82	1/2	675.57	1/2	275.45	1/2		1/2		1/2	
3/4	2,665.65	3/4	2,265.52	3/4	1,865.40	3/4	1,465.27	3/4	1,066.54	3/4	667.23	3/4	267.11	3/4		3/4		3/4	
8	2,657.32	8	2,257.19	8	1,857.06	8	1,456.93	8	1,058.25	8	658.89	8	258.78	8		8		8	
1/4	2,648.98	1/4	2,248.85	1/4	1,848.72	1/4	1,448.60	1/4	1,049.97	1/4	650.56	1/4	250.44	1/4		1/4		1/4	
1/2	2,640.64	1/2	2,240.52	1/2	1,840.39	1/2	1,440.26	1/2	1,041.68	1/2	642.22	1/2	242.10	1/2		1/2		1/2	
3/4	2,632.31	3/4	2,232.18	3/4	1,832.05	3/4	1,431.92	3/4	1,033.40	3/4	633.89	3/4	233.77	3/4		3/4		3/4	
9	2,623.97	9	2,223.84	9	1,823.72	9	1,423.59	9	1,025.11	9	625.55	9	225.43	9		9		9	
1/4	2,615.64	1/4	2,215.51	1/4	1,815.38	1/4	1,415.25	1/4	1,016.83	1/4	617.22	1/4	217.10	1/4		1/4		1/4	
1/2	2,607.30	1/2	2,207.17	1/2	1,807.04	1/2	1,406.92	1/2	1,008.54	1/2	608.88	1/2	208.76	1/2		1/2		1/2	
3/4	2,598.96	3/4	2,198.84	3/4	1,798.71	3/4	1,398.58	3/4	1,000.26	3/4	600.54	3/4	200.43	3/4		3/4		3/4	
10	2,590.63	10	2,190.50	10	1,790.37	10	1,390.24	10	991.97	10	592.21	10	192.09	10		10		10	
1/4	2,582.29	1/4	2,182.16	1/4	1,782.04	1/4	1,381.91	1/4	983.69	1/4	583.87	1/4	183.75	1/4		1/4		1/4	
1/2	2,573.96	1/2	2,173.83	1/2	1,773.70	1/2	1,373.57	1/2	975.40	1/2	575.54	1/2	175.42	1/2		1/2		1/2	
3/4	2,565.62	3/4	2,165.49	3/4	1,765.36	3/4	1,365.24	3/4	967.12	3/4	567.20	3/4	167.08	3/4		3/4		3/4	
11	2,557.28	11	2,157.16	11	1,757.03	11	1,356.90	11	958.83	11	558.86	11	158.75	11		11		11	
1/4	2,548.95	1/4	2,148.82	1/4	1,748.69	1/4	1,348.56	1/4	950.55	1/4	550.53	1/4	150.41	1/4		1/4		1/4	
1/2	2,540.61	1/2	2,140.48	1/2	1,740.36	1/2	1,340.24	1/2	942.24	1/2	542.19	1/2	142.07	1/2		1/2		1/2	
3/4	2,532.28	3/4	2,132.15	3/4	1,732.02	3/4	1,331.92	3/4	933.93	3/4	533.86	3/4	133.74	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/06/2014 CL
RECALCULATED: 04/10/2019 CL
VERIFIED: 04/26/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "HTCO 3130"

1 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	5,340.64	0	4,942.11	0	4,542.29	0	4,142.36	0	3,742.43	0	3,342.49
1/4		1/4		1/4		1/4		1/4	5,332.37	1/4	4,933.80	1/4	4,533.96	1/4	4,134.03	1/4	3,734.09	1/4	3,334.16
1/2		1/2		1/2		1/2		1/2	5,324.10	1/2	4,925.49	1/2	4,525.62	1/2	4,125.69	1/2	3,725.76	1/2	3,325.82
3/4		3/4		3/4		3/4		3/4	5,315.83	3/4	4,917.18	3/4	4,517.29	3/4	4,117.36	3/4	3,717.43	3/4	3,317.49
1		1		1		1		1	5,307.56	1	4,908.86	1	4,508.96	1	4,109.03	1	3,709.10	1	3,309.15
1/4		1/4		1/4		1/4		1/4	5,299.29	1/4	4,900.54	1/4	4,500.63	1/4	4,100.70	1/4	3,700.77	1/4	3,300.81
1/2		1/2		1/2		1/2	5,672.83	1/2	5,291.02	1/2	4,892.22	1/2	4,492.30	1/2	4,092.37	1/2	3,692.43	1/2	3,292.48
3/4		3/4		3/4		3/4	5,668.03	3/4	5,282.75	3/4	4,883.90	3/4	4,483.97	3/4	4,084.03	3/4	3,684.10	3/4	3,284.14
2		2		2		2	5,661.84	2	5,274.46	2	4,875.56	2	4,475.63	2	4,075.70	2	3,675.77	2	3,275.81
1/4		1/4		1/4		1/4	5,655.65	1/4	5,266.17	1/4	4,867.23	1/4	4,467.30	1/4	4,067.37	1/4	3,667.44	1/4	3,267.47
1/2		1/2		1/2		1/2	5,649.46	1/2	5,257.88	1/2	4,858.90	1/2	4,458.97	1/2	4,059.04	1/2	3,659.11	1/2	3,259.13
3/4		3/4		3/4		3/4	5,643.27	3/4	5,249.59	3/4	4,850.57	3/4	4,450.64	3/4	4,050.71	3/4	3,650.78	3/4	3,250.80
3		3		3		3	5,635.78	3	5,241.28	3	4,842.24	3	4,442.31	3	4,042.37	3	3,642.44	3	3,242.46
1/4		1/4		1/4		1/4	5,628.28	1/4	5,232.97	1/4	4,833.91	1/4	4,433.97	1/4	4,034.04	1/4	3,634.11	1/4	3,234.13
1/2		1/2		1/2		1/2	5,620.79	1/2	5,224.66	1/2	4,825.57	1/2	4,425.64	1/2	4,025.71	1/2	3,625.78	1/2	3,225.79
3/4		3/4		3/4		3/4	5,613.29	3/4	5,216.35	3/4	4,817.24	3/4	4,417.31	3/4	4,017.38	3/4	3,617.45	3/4	3,217.45
4		4		4		4	5,605.11	4	5,208.04	4	4,808.91	4	4,408.98	4	4,009.05	4	3,609.12	4	3,209.12
1/4		1/4		1/4		1/4	5,596.92	1/4	5,199.73	1/4	4,800.58	1/4	4,400.65	1/4	4,000.72	1/4	3,600.78	1/4	3,200.78
1/2		1/2		1/2		1/2	5,588.73	1/2	5,191.42	1/2	4,792.25	1/2	4,392.31	1/2	3,992.38	1/2	3,592.45	1/2	3,192.45
3/4		3/4		3/4		3/4	5,580.54	3/4	5,183.11	3/4	4,783.91	3/4	4,383.98	3/4	3,984.05	3/4	3,584.12	3/4	3,184.11
5		5		5		5	5,572.27	5	5,174.80	5	4,775.58	5	4,375.65	5	3,975.72	5	3,575.79	5	3,175.77
1/4		1/4		1/4		1/4	5,563.99	1/4	5,166.49	1/4	4,767.25	1/4	4,367.32	1/4	3,967.39	1/4	3,567.46	1/4	3,167.44
1/2		1/2		1/2		1/2	5,555.72	1/2	5,158.18	1/2	4,758.92	1/2	4,358.99	1/2	3,959.06	1/2	3,559.12	1/2	3,159.10
3/4		3/4		3/4		3/4	5,547.44	3/4	5,149.87	3/4	4,750.59	3/4	4,350.66	3/4	3,950.72	3/4	3,550.79	3/4	3,150.77
6		6		6		6	5,539.17	6	5,141.56	6	4,742.25	6	4,342.32	6	3,942.39	6	3,542.46	6	3,142.43
1/4		1/4		1/4		1/4	5,530.89	1/4	5,133.25	1/4	4,733.92	1/4	4,333.99	1/4	3,934.06	1/4	3,534.13	1/4	3,134.10
1/2		1/2		1/2		1/2	5,522.62	1/2	5,124.94	1/2	4,725.59	1/2	4,325.66	1/2	3,925.73	1/2	3,525.80	1/2	3,125.76
3/4		3/4		3/4		3/4	5,514.35	3/4	5,116.63	3/4	4,717.26	3/4	4,317.33	3/4	3,917.40	3/4	3,517.47	3/4	3,117.42
7		7		7		7	5,506.07	7	5,108.32	7	4,708.93	7	4,309.00	7	3,909.06	7	3,509.13	7	3,109.09
1/4		1/4		1/4		1/4	5,497.80	1/4	5,100.01	1/4	4,700.59	1/4	4,300.66	1/4	3,900.73	1/4	3,500.80	1/4	3,100.75
1/2		1/2		1/2		1/2	5,489.52	1/2	5,091.69	1/2	4,692.26	1/2	4,292.33	1/2	3,892.40	1/2	3,492.47	1/2	3,092.42
3/4		3/4		3/4		3/4	5,481.25	3/4	5,083.38	3/4	4,683.93	3/4	4,284.00	3/4	3,884.07	3/4	3,484.14	3/4	3,084.08
8		8		8		8	5,472.97	8	5,075.07	8	4,675.60	8	4,275.67	8	3,875.74	8	3,475.81	8	3,075.74
1/4		1/4		1/4		1/4	5,464.70	1/4	5,066.76	1/4	4,667.27	1/4	4,267.34	1/4	3,867.40	1/4	3,467.47	1/4	3,067.41
1/2		1/2		1/2		1/2	5,456.43	1/2	5,058.45	1/2	4,658.94	1/2	4,259.00	1/2	3,859.07	1/2	3,459.14	1/2	3,059.07
3/4		3/4		3/4		3/4	5,448.16	3/4	5,050.14	3/4	4,650.60	3/4	4,250.67	3/4	3,850.74	3/4	3,450.81	3/4	3,050.74
9		9		9		9	5,439.89	9	5,041.83	9	4,642.27	9	4,242.34	9	3,842.41	9	3,442.48	9	3,042.40
1/4		1/4		1/4		1/4	5,431.62	1/4	5,033.52	1/4	4,633.94	1/4	4,234.01	1/4	3,834.08	1/4	3,434.15	1/4	3,034.06
1/2		1/2		1/2		1/2	5,423.35	1/2	5,025.21	1/2	4,625.61	1/2	4,225.68	1/2	3,825.75	1/2	3,425.81	1/2	3,025.73
3/4		3/4		3/4		3/4	5,415.08	3/4	5,016.90	3/4	4,617.28	3/4	4,217.34	3/4	3,817.41	3/4	3,417.48	3/4	3,017.39
10		10		10		10	5,406.81	10	5,008.59	10	4,608.94	10	4,209.01	10	3,809.08	10	3,409.15	10	3,009.06
1/4		1/4		1/4		1/4	5,398.53	1/4	5,000.28	1/4	4,600.61	1/4	4,200.68	1/4	3,800.75	1/4	3,400.82	1/4	3,000.72
1/2		1/2		1/2		1/2	5,390.26	1/2	4,991.97	1/2	4,592.28	1/2	4,192.35	1/2	3,792.42	1/2	3,392.49	1/2	2,992.38
3/4		3/4		3/4		3/4	5,381.99	3/4	4,983.66	3/4	4,583.95	3/4	4,184.02	3/4	3,784.09	3/4	3,384.15	3/4	2,984.05
11		11		11		11	5,373.72	11	4,975.35	11	4,575.62	11	4,175.69	11	3,775.75	11	3,375.82	11	2,975.71
1/4		1/4		1/4		1/4	5,365.45	1/4	4,967.04	1/4	4,567.28	1/4	4,167.35	1/4	3,767.42	1/4	3,367.49	1/4	2,967.38
1/2		1/2		1/2		1/2	5,357.18	1/2	4,958.73	1/2	4,558.95	1/2	4,159.02	1/2	3,759.09	1/2	3,359.16	1/2	2,959.04
3/4		3/4		3/4		3/4	5,348.91	3/4	4,950.42	3/4	4,550.62	3/4	4,150.69	3/4	3,750.76	3/4	3,350.83	3/4	2,950.71

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'-07" OFF CENTERLINE AND 47'-06" FORWARD OF AFT BULKHEAD.

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

BARGE "HTCO 3130"

1 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	2,942.37	0	2,542.25	0	2,142.12	0	1,742.00	0	1,341.88	0	942.23	0	542.19	0	142.07	0		0	
1/4	2,934.03	1/4	2,533.91	1/4	2,133.79	1/4	1,733.66	1/4	1,333.54	1/4	933.90	1/4	533.86	1/4	133.74	1/4		1/4	
1/2	2,925.70	1/2	2,525.57	1/2	2,125.45	1/2	1,725.33	1/2	1,325.20	1/2	925.57	1/2	525.52	1/2	125.40	1/2		1/2	
3/4	2,917.36	3/4	2,517.24	3/4	2,117.12	3/4	1,716.99	3/4	1,316.87	3/4	917.24	3/4	517.19	3/4	117.07	3/4		3/4	
1	2,909.03	1	2,508.90	1	2,108.78	1	1,708.66	1	1,308.53	1	908.91	1	508.85	1	108.73	1		1	
1/4	2,900.69	1/4	2,500.57	1/4	2,100.44	1/4	1,700.32	1/4	1,300.20	1/4	900.57	1/4	500.51	1/4	100.40	1/4		1/4	
1/2	2,892.35	1/2	2,492.23	1/2	2,092.11	1/2	1,691.98	1/2	1,291.86	1/2	892.23	1/2	492.18	1/2	92.06	1/2		1/2	
3/4	2,884.02	3/4	2,483.90	3/4	2,083.77	3/4	1,683.65	3/4	1,283.53	3/4	883.90	3/4	483.84	3/4	83.72	3/4		3/4	
2	2,875.68	2	2,475.56	2	2,075.44	2	1,675.31	2	1,275.19	2	875.56	2	475.51	2	75.91	2		2	
1/4	2,867.35	1/4	2,467.22	1/4	2,067.10	1/4	1,666.98	1/4	1,266.86	1/4	867.23	1/4	467.17	1/4	68.09	1/4		1/4	
1/2	2,859.01	1/2	2,458.89	1/2	2,058.76	1/2	1,658.64	1/2	1,258.53	1/2	858.89	1/2	458.83	1/2	60.28	1/2		1/2	
3/4	2,850.67	3/4	2,450.55	3/4	2,050.43	3/4	1,650.31	3/4	1,250.20	3/4	850.56	3/4	450.50	3/4	52.46	3/4		3/4	
3	2,842.34	3	2,442.22	3	2,042.09	3	1,641.97	3	1,241.87	3	842.22	3	442.16	3	46.21	3		3	
1/4	2,834.00	1/4	2,433.88	1/4	2,033.76	1/4	1,633.63	1/4	1,233.54	1/4	833.88	1/4	433.83	1/4	39.96	1/4		1/4	
1/2	2,825.67	1/2	2,425.54	1/2	2,025.42	1/2	1,625.30	1/2	1,225.21	1/2	825.55	1/2	425.49	1/2	33.71	1/2		1/2	
3/4	2,817.33	3/4	2,417.21	3/4	2,017.08	3/4	1,616.96	3/4	1,216.88	3/4	817.21	3/4	417.16	3/4	27.46	3/4		3/4	
4	2,809.00	4	2,408.87	4	2,008.75	4	1,608.63	4	1,208.55	4	808.88	4	408.82	4	23.29	4		4	
1/4	2,800.66	1/4	2,400.54	1/4	2,000.41	1/4	1,600.29	1/4	1,200.23	1/4	800.54	1/4	400.48	1/4		1/4		1/4	
1/2	2,792.32	1/2	2,392.20	1/2	1,992.08	1/2	1,591.95	1/2	1,191.90	1/2	792.21	1/2	392.15	1/2		1/2		1/2	
3/4	2,783.99	3/4	2,383.86	3/4	1,983.74	3/4	1,583.62	3/4	1,183.58	3/4	783.87	3/4	383.81	3/4		3/4		3/4	
5	2,775.65	5	2,375.53	5	1,975.41	5	1,575.28	5	1,175.25	5	775.53	5	375.48	5		5		5	
1/4	2,767.32	1/4	2,367.19	1/4	1,967.07	1/4	1,566.95	1/4	1,166.93	1/4	767.20	1/4	367.14	1/4		1/4		1/4	
1/2	2,758.98	1/2	2,358.86	1/2	1,958.73	1/2	1,558.61	1/2	1,158.61	1/2	758.86	1/2	358.81	1/2		1/2		1/2	
3/4	2,750.64	3/4	2,350.52	3/4	1,950.40	3/4	1,550.27	3/4	1,150.29	3/4	750.53	3/4	350.47	3/4		3/4		3/4	
6	2,742.31	6	2,342.18	6	1,942.06	6	1,541.94	6	1,141.97	6	742.19	6	342.13	6		6		6	
1/4	2,733.97	1/4	2,333.85	1/4	1,933.73	1/4	1,533.60	1/4	1,133.64	1/4	733.86	1/4	333.80	1/4		1/4		1/4	
1/2	2,725.64	1/2	2,325.51	1/2	1,925.39	1/2	1,525.27	1/2	1,125.32	1/2	725.52	1/2	325.46	1/2		1/2		1/2	
3/4	2,717.30	3/4	2,317.18	3/4	1,917.05	3/4	1,516.93	3/4	1,117.00	3/4	717.19	3/4	317.13	3/4		3/4		3/4	
7	2,708.96	7	2,308.84	7	1,908.72	7	1,508.59	7	1,108.68	7	708.85	7	308.79	7		7		7	
1/4	2,700.63	1/4	2,300.51	1/4	1,900.38	1/4	1,500.26	1/4	1,100.35	1/4	700.52	1/4	300.45	1/4		1/4		1/4	
1/2	2,692.29	1/2	2,292.17	1/2	1,892.05	1/2	1,491.92	1/2	1,092.03	1/2	692.19	1/2	292.12	1/2		1/2		1/2	
3/4	2,683.96	3/4	2,283.83	3/4	1,883.71	3/4	1,483.59	3/4	1,083.71	3/4	683.86	3/4	283.78	3/4		3/4		3/4	
8	2,675.62	8	2,275.50	8	1,875.37	8	1,475.25	8	1,075.39	8	675.53	8	275.45	8		8		8	
1/4	2,667.28	1/4	2,267.16	1/4	1,867.04	1/4	1,466.92	1/4	1,067.07	1/4	667.20	1/4	267.11	1/4		1/4		1/4	
1/2	2,658.95	1/2	2,258.83	1/2	1,858.70	1/2	1,458.58	1/2	1,058.74	1/2	658.87	1/2	258.78	1/2		1/2		1/2	
3/4	2,650.61	3/4	2,250.49	3/4	1,850.37	3/4	1,450.24	3/4	1,050.42	3/4	650.54	3/4	250.44	3/4		3/4		3/4	
9	2,642.28	9	2,242.15	9	1,842.03	9	1,441.91	9	1,042.10	9	642.21	9	242.10	9		9		9	
1/4	2,633.94	1/4	2,233.82	1/4	1,833.69	1/4	1,433.57	1/4	1,033.78	1/4	633.88	1/4	233.77	1/4		1/4		1/4	
1/2	2,625.61	1/2	2,225.48	1/2	1,825.36	1/2	1,425.24	1/2	1,025.46	1/2	625.55	1/2	225.43	1/2		1/2		1/2	
3/4	2,617.27	3/4	2,217.15	3/4	1,817.02	3/4	1,416.90	3/4	1,017.13	3/4	617.22	3/4	217.10	3/4		3/4		3/4	
10	2,608.93	10	2,208.81	10	1,808.69	10	1,408.56	10	1,008.81	10	608.88	10	208.76	10		10		10	
1/4	2,600.60	1/4	2,200.47	1/4	1,800.35	1/4	1,400.23	1/4	1,000.49	1/4	600.54	1/4	200.43	1/4		1/4		1/4	
1/2	2,592.26	1/2	2,192.14	1/2	1,792.02	1/2	1,391.89	1/2	992.17	1/2	592.21	1/2	192.09	1/2		1/2		1/2	
3/4	2,583.93	3/4	2,183.80	3/4	1,783.68	3/4	1,383.56	3/4	983.85	3/4	583.87	3/4	183.75	3/4		3/4		3/4	
11	2,575.59	11	2,175.47	11	1,775.34	11	1,375.22	11	975.52	11	575.54	11	175.42	11		11		11	
1/4	2,567.25	1/4	2,167.13	1/4	1,767.01	1/4	1,366.88	1/4	967.20	1/4	567.20	1/4	167.08	1/4		1/4		1/4	
1/2	2,558.92	1/2	2,158.79	1/2	1,758.67	1/2	1,358.55	1/2	958.88	1/2	558.86	1/2	158.75	1/2		1/2		1/2	
3/4	2,550.58	3/4	2,150.46	3/4	1,750.34	3/4	1,350.21	3/4	950.56	3/4	550.53	3/4	150.41	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/06/2014 CL
RECALCULATED: 04/10/2019 CL
VERIFIED: 04/26/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2024

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

BARGE "HTCO 3130"

2 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	5,135.54	0	4,750.05	0	4,363.32	0	3,976.51	0	3,589.70	0	3,202.89
1/4		1/4		1/4		1/4		1/4	5,127.54	1/4	4,742.02	1/4	4,355.26	1/4	3,968.45	1/4	3,581.64	1/4	3,194.83
1/2		1/2		1/2		1/2		1/2	5,119.54	1/2	4,733.97	1/2	4,347.20	1/2	3,960.39	1/2	3,573.59	1/2	3,186.77
3/4		3/4		3/4		3/4		3/4	5,111.55	3/4	4,725.92	3/4	4,339.14	3/4	3,952.33	3/4	3,565.53	3/4	3,178.71
1		1		1		1	5,472.73	1	5,103.55	1	4,717.88	1	4,331.08	1	3,944.28	1	3,557.47	1	3,170.65
1/4		1/4		1/4		1/4	5,468.09	1/4	5,095.55	1/4	4,709.83	1/4	4,323.03	1/4	3,936.22	1/4	3,549.41	1/4	3,162.58
1/2		1/2		1/2		1/2	5,462.11	1/2	5,087.53	1/2	4,701.78	1/2	4,314.97	1/2	3,928.16	1/2	3,541.35	1/2	3,154.52
3/4		3/4		3/4		3/4	5,456.12	3/4	5,079.52	3/4	4,693.72	3/4	4,306.91	3/4	3,920.10	3/4	3,533.29	3/4	3,146.46
2		2		2		2	5,450.14	2	5,071.50	2	4,685.66	2	4,298.85	2	3,912.04	2	3,525.23	2	3,138.40
1/4		1/4		1/4		1/4	5,444.15	1/4	5,063.48	1/4	4,677.60	1/4	4,290.79	1/4	3,903.98	1/4	3,517.18	1/4	3,130.33
1/2		1/2		1/2		1/2	5,436.90	1/2	5,055.45	1/2	4,669.54	1/2	4,282.73	1/2	3,895.93	1/2	3,509.12	1/2	3,122.27
3/4		3/4		3/4		3/4	5,429.66	3/4	5,047.41	3/4	4,661.48	3/4	4,274.67	3/4	3,887.87	3/4	3,501.06	3/4	3,114.21
3		3		3		3	5,422.41	3	5,039.37	3	4,653.42	3	4,266.62	3	3,879.81	3	3,493.00	3	3,106.15
1/4		1/4		1/4		1/4	5,415.17	1/4	5,031.34	1/4	4,645.37	1/4	4,258.56	1/4	3,871.75	1/4	3,484.94	1/4	3,098.08
1/2		1/2		1/2		1/2	5,407.25	1/2	5,023.30	1/2	4,637.31	1/2	4,250.50	1/2	3,863.69	1/2	3,476.88	1/2	3,090.02
3/4		3/4		3/4		3/4	5,399.33	3/4	5,015.26	3/4	4,629.25	3/4	4,242.44	3/4	3,855.63	3/4	3,468.82	3/4	3,081.96
4		4		4		4	5,391.42	4	5,007.23	4	4,621.19	4	4,234.38	4	3,847.57	4	3,460.77	4	3,073.90
1/4		1/4		1/4		1/4	5,383.50	1/4	4,999.19	1/4	4,613.13	1/4	4,226.32	1/4	3,839.52	1/4	3,452.71	1/4	3,065.83
1/2		1/2		1/2		1/2	5,375.50	1/2	4,991.15	1/2	4,605.07	1/2	4,218.27	1/2	3,831.46	1/2	3,444.65	1/2	3,057.77
3/4		3/4		3/4		3/4	5,367.50	3/4	4,983.12	3/4	4,597.01	3/4	4,210.21	3/4	3,823.40	3/4	3,436.59	3/4	3,049.71
5		5		5		5	5,359.50	5	4,975.08	5	4,588.96	5	4,202.15	5	3,815.34	5	3,428.53	5	3,041.65
1/4		1/4		1/4		1/4	5,351.50	1/4	4,967.04	1/4	4,580.90	1/4	4,194.09	1/4	3,807.28	1/4	3,420.47	1/4	3,033.58
1/2		1/2		1/2		1/2	5,343.49	1/2	4,959.01	1/2	4,572.84	1/2	4,186.03	1/2	3,799.22	1/2	3,412.42	1/2	3,025.52
3/4		3/4		3/4		3/4	5,335.49	3/4	4,950.97	3/4	4,564.78	3/4	4,177.97	3/4	3,791.16	3/4	3,404.36	3/4	3,017.46
6		6		6		6	5,327.49	6	4,942.93	6	4,556.72	6	4,169.91	6	3,783.11	6	3,396.30	6	3,009.40
1/4		1/4		1/4		1/4	5,319.49	1/4	4,934.90	1/4	4,548.66	1/4	4,161.86	1/4	3,775.05	1/4	3,388.24	1/4	3,001.33
1/2		1/2		1/2		1/2	5,311.49	1/2	4,926.86	1/2	4,540.61	1/2	4,153.80	1/2	3,766.99	1/2	3,380.18	1/2	2,993.27
3/4		3/4		3/4		3/4	5,303.49	3/4	4,918.82	3/4	4,532.55	3/4	4,145.74	3/4	3,758.93	3/4	3,372.12	3/4	2,985.21
7		7		7		7	5,295.49	7	4,910.79	7	4,524.49	7	4,137.68	7	3,750.87	7	3,364.06	7	2,977.15
1/4		1/4		1/4		1/4	5,287.49	1/4	4,902.75	1/4	4,516.43	1/4	4,129.62	1/4	3,742.81	1/4	3,356.01	1/4	2,969.08
1/2		1/2		1/2		1/2	5,279.49	1/2	4,894.71	1/2	4,508.37	1/2	4,121.56	1/2	3,734.76	1/2	3,347.95	1/2	2,961.02
3/4		3/4		3/4		3/4	5,271.49	3/4	4,886.68	3/4	4,500.31	3/4	4,113.50	3/4	3,726.70	3/4	3,339.89	3/4	2,952.96
8		8		8		8	5,263.49	8	4,878.64	8	4,492.25	8	4,105.45	8	3,718.64	8	3,331.83	8	2,944.90
1/4		1/4		1/4		1/4	5,255.49	1/4	4,870.60	1/4	4,484.20	1/4	4,097.39	1/4	3,710.58	1/4	3,323.77	1/4	2,936.83
1/2		1/2		1/2		1/2	5,247.49	1/2	4,862.57	1/2	4,476.14	1/2	4,089.33	1/2	3,702.52	1/2	3,315.71	1/2	2,928.77
3/4		3/4		3/4		3/4	5,239.50	3/4	4,854.53	3/4	4,468.08	3/4	4,081.27	3/4	3,694.46	3/4	3,307.65	3/4	2,920.71
9		9		9		9	5,231.50	9	4,846.49	9	4,460.02	9	4,073.21	9	3,686.40	9	3,299.60	9	2,912.65
1/4		1/4		1/4		1/4	5,223.50	1/4	4,838.46	1/4	4,451.96	1/4	4,065.15	1/4	3,678.35	1/4	3,291.54	1/4	2,904.58
1/2		1/2		1/2		1/2	5,215.51	1/2	4,830.42	1/2	4,443.90	1/2	4,057.10	1/2	3,670.29	1/2	3,283.48	1/2	2,896.52
3/4		3/4		3/4		3/4	5,207.51	3/4	4,822.38	3/4	4,435.84	3/4	4,049.04	3/4	3,662.23	3/4	3,275.42	3/4	2,888.46
10		10		10		10	5,199.51	10	4,814.35	10	4,427.79	10	4,040.98	10	3,654.17	10	3,267.36	10	2,880.40
1/4		1/4		1/4		1/4	5,191.52	1/4	4,806.31	1/4	4,419.73	1/4	4,032.92	1/4	3,646.11	1/4	3,259.30	1/4	2,872.33
1/2		1/2		1/2		1/2	5,183.52	1/2	4,798.27	1/2	4,411.67	1/2	4,024.86	1/2	3,638.05	1/2	3,251.25	1/2	2,864.27
3/4		3/4		3/4		3/4	5,175.52	3/4	4,790.24	3/4	4,403.61	3/4	4,016.80	3/4	3,629.99	3/4	3,243.19	3/4	2,856.21
11		11		11		11	5,167.52	11	4,782.20	11	4,395.55	11	4,008.74	11	3,621.94	11	3,235.13	11	2,848.15
1/4		1/4		1/4		1/4	5,159.53	1/4	4,774.16	1/4	4,387.49	1/4	4,000.69	1/4	3,613.88	1/4	3,227.07	1/4	2,840.08
1/2		1/2		1/2		1/2	5,151.53	1/2	4,766.13	1/2	4,379.44	1/2	3,992.63	1/2	3,605.82	1/2	3,219.01	1/2	2,832.02
3/4		3/4		3/4		3/4	5,143.53	3/4	4,758.09	3/4	4,371.38	3/4	3,984.57	3/4	3,597.76	3/4	3,210.95	3/4	2,823.96

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 12'-07" OFF CENTERLINE AND 47'-09" FORWARD OF AFT BULKHEAD.

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

BARGE "HTCO 3130"

2 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,815.90	0	2,428.90	0	2,041.90	0	1,654.90	0	1,268.32	0	895.12	0	508.28	0	121.30	0		0	
1/4	2,807.83	1/4	2,420.83	1/4	2,033.83	1/4	1,646.83	1/4	1,260.40	1/4	887.21	1/4	500.22	1/4	113.24	1/4		1/4	
1/2	2,799.77	1/2	2,412.77	1/2	2,025.77	1/2	1,638.77	1/2	1,252.62	1/2	879.15	1/2	492.16	1/2	105.17	1/2		1/2	
3/4	2,791.71	3/4	2,404.71	3/4	2,017.71	3/4	1,630.71	3/4	1,244.84	3/4	871.08	3/4	484.10	3/4	97.11	3/4		3/4	
1	2,783.65	1	2,396.65	1	2,009.65	1	1,622.65	1	1,237.06	1	863.02	1	476.04	1	89.05	1		1	
1/4	2,775.58	1/4	2,388.58	1/4	2,001.58	1/4	1,614.58	1/4	1,229.28	1/4	854.96	1/4	467.97	1/4	80.99	1/4		1/4	
1/2	2,767.52	1/2	2,380.52	1/2	1,993.52	1/2	1,606.52	1/2	1,221.51	1/2	846.90	1/2	459.91	1/2	73.43	1/2		1/2	
3/4	2,759.46	3/4	2,372.46	3/4	1,985.46	3/4	1,598.46	3/4	1,213.74	3/4	838.83	3/4	451.85	3/4	65.87	3/4		3/4	
2	2,751.40	2	2,364.40	2	1,977.40	2	1,590.40	2	1,205.96	2	830.77	2	443.79	2	58.31	2		2	
1/4	2,743.33	1/4	2,356.33	1/4	1,969.33	1/4	1,582.33	1/4	1,198.19	1/4	822.71	1/4	435.72	1/4	50.75	1/4		1/4	
1/2	2,735.27	1/2	2,348.27	1/2	1,961.27	1/2	1,574.27	1/2	1,190.43	1/2	814.65	1/2	427.66	1/2	44.71	1/2		1/2	
3/4	2,727.21	3/4	2,340.21	3/4	1,953.21	3/4	1,566.21	3/4	1,182.66	3/4	806.59	3/4	419.60	3/4	38.66	3/4		3/4	
3	2,719.15	3	2,332.15	3	1,945.15	3	1,558.15	3	1,174.90	3	798.52	3	411.54	3	32.61	3		3	
1/4	2,711.08	1/4	2,324.08	1/4	1,937.08	1/4	1,550.08	1/4	1,167.13	1/4	790.46	1/4	403.48	1/4	26.57	1/4		1/4	
1/2	2,703.02	1/2	2,316.02	1/2	1,929.02	1/2	1,542.02	1/2	1,159.37	1/2	782.40	1/2	395.41	1/2	22.54	1/2		1/2	
3/4	2,694.96	3/4	2,307.96	3/4	1,920.96	3/4	1,533.96	3/4	1,151.61	3/4	774.34	3/4	387.35	3/4		3/4		3/4	
4	2,686.90	4	2,299.90	4	1,912.90	4	1,525.90	4	1,143.85	4	766.27	4	379.29	4		4		4	
1/4	2,678.83	1/4	2,291.83	1/4	1,904.83	1/4	1,517.83	1/4	1,136.08	1/4	758.21	1/4	371.23	1/4		1/4		1/4	
1/2	2,670.77	1/2	2,283.77	1/2	1,896.77	1/2	1,509.77	1/2	1,128.33	1/2	750.15	1/2	363.16	1/2		1/2		1/2	
3/4	2,662.71	3/4	2,275.71	3/4	1,888.71	3/4	1,501.71	3/4	1,120.57	3/4	742.09	3/4	355.10	3/4		3/4		3/4	
5	2,654.65	5	2,267.65	5	1,880.65	5	1,493.65	5	1,112.81	5	734.03	5	347.04	5		5		5	
1/4	2,646.58	1/4	2,259.58	1/4	1,872.58	1/4	1,485.58	1/4	1,105.05	1/4	725.96	1/4	338.98	1/4		1/4		1/4	
1/2	2,638.52	1/2	2,251.52	1/2	1,864.52	1/2	1,477.52	1/2	1,097.29	1/2	717.90	1/2	330.92	1/2		1/2		1/2	
3/4	2,630.46	3/4	2,243.46	3/4	1,856.46	3/4	1,469.46	3/4	1,089.53	3/4	709.84	3/4	322.85	3/4		3/4		3/4	
6	2,622.40	6	2,235.40	6	1,848.40	6	1,461.40	6	1,081.78	6	701.78	6	314.79	6		6		6	
1/4	2,614.33	1/4	2,227.33	1/4	1,840.33	1/4	1,453.33	1/4	1,074.02	1/4	693.72	1/4	306.73	1/4		1/4		1/4	
1/2	2,606.27	1/2	2,219.27	1/2	1,832.27	1/2	1,445.27	1/2	1,066.26	1/2	685.65	1/2	298.67	1/2		1/2		1/2	
3/4	2,598.21	3/4	2,211.21	3/4	1,824.21	3/4	1,437.21	3/4	1,058.50	3/4	677.59	3/4	290.61	3/4		3/4		3/4	
7	2,590.15	7	2,203.15	7	1,816.15	7	1,429.15	7	1,050.74	7	669.53	7	282.54	7		7		7	
1/4	2,582.08	1/4	2,195.08	1/4	1,808.08	1/4	1,421.08	1/4	1,042.99	1/4	661.47	1/4	274.48	1/4		1/4		1/4	
1/2	2,574.02	1/2	2,187.02	1/2	1,800.02	1/2	1,413.02	1/2	1,035.23	1/2	653.40	1/2	266.42	1/2		1/2		1/2	
3/4	2,565.96	3/4	2,178.96	3/4	1,791.96	3/4	1,404.96	3/4	1,027.47	3/4	645.34	3/4	258.36	3/4		3/4		3/4	
8	2,557.90	8	2,170.90	8	1,783.90	8	1,396.90	8	1,019.71	8	637.28	8	250.29	8		8		8	
1/4	2,549.83	1/4	2,162.83	1/4	1,775.83	1/4	1,388.83	1/4	1,011.95	1/4	629.22	1/4	242.23	1/4		1/4		1/4	
1/2	2,541.77	1/2	2,154.77	1/2	1,767.77	1/2	1,380.77	1/2	1,004.19	1/2	621.16	1/2	234.17	1/2		1/2		1/2	
3/4	2,533.71	3/4	2,146.71	3/4	1,759.71	3/4	1,372.71	3/4	996.44	3/4	613.09	3/4	226.11	3/4		3/4		3/4	
9	2,525.65	9	2,138.65	9	1,751.65	9	1,364.65	9	988.68	9	605.03	9	218.05	9		9		9	
1/4	2,517.58	1/4	2,130.58	1/4	1,743.58	1/4	1,356.58	1/4	980.92	1/4	596.97	1/4	209.98	1/4		1/4		1/4	
1/2	2,509.52	1/2	2,122.52	1/2	1,735.52	1/2	1,348.52	1/2	973.16	1/2	588.91	1/2	201.92	1/2		1/2		1/2	
3/4	2,501.46	3/4	2,114.46	3/4	1,727.46	3/4	1,340.46	3/4	965.40	3/4	580.84	3/4	193.86	3/4		3/4		3/4	
10	2,493.40	10	2,106.40	10	1,719.40	10	1,332.40	10	957.64	10	572.78	10	185.80	10		10		10	
1/4	2,485.33	1/4	2,098.33	1/4	1,711.33	1/4	1,324.33	1/4	949.89	1/4	564.72	1/4	177.73	1/4		1/4		1/4	
1/2	2,477.27	1/2	2,090.27	1/2	1,703.27	1/2	1,316.27	1/2	942.13	1/2	556.66	1/2	169.67	1/2		1/2		1/2	
3/4	2,469.21	3/4	2,082.21	3/4	1,695.21	3/4	1,308.21	3/4	934.37	3/4	548.60	3/4	161.61	3/4		3/4		3/4	
11	2,461.15	11	2,074.15	11	1,687.15	11	1,300.15	11	926.61	11	540.53	11	153.55	11		11		11	
1/4	2,453.08	1/4	2,066.08	1/4	1,679.08	1/4	1,292.08	1/4	918.85	1/4	532.47	1/4	145.49	1/4		1/4		1/4	
1/2	2,445.02	1/2	2,058.02	1/2	1,671.02	1/2	1,284.16	1/2	910.94	1/2	524.41	1/2	137.42	1/2		1/2		1/2	
3/4	2,436.96	3/4	2,049.96	3/4	1,662.96	3/4	1,276.24	3/4	903.03	3/4	516.35	3/4	129.36	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/06/2014 CL
RECALCULATED: 04/10/2019 CL
VERIFIED: 04/26/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2024

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

BARGE "HTCO 3130"

2 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	5,150.62	0	4,765.05	0	4,378.22	0	3,991.33	0	3,604.43	0	3,217.53
1/4		1/4		1/4		1/4		1/4	5,142.62	1/4	4,757.01	1/4	4,370.16	1/4	3,983.27	1/4	3,596.37	1/4	3,209.47
1/2		1/2		1/2		1/2		1/2	5,134.62	1/2	4,748.96	1/2	4,362.10	1/2	3,975.21	1/2	3,588.31	1/2	3,201.41
3/4		3/4		3/4		3/4		3/4	5,126.62	3/4	4,740.91	3/4	4,354.04	3/4	3,967.15	3/4	3,580.25	3/4	3,193.34
1		1		1		1	5,487.89	1	5,118.63	1	4,732.86	1	4,345.98	1	3,959.09	1	3,572.19	1	3,185.28
1/4		1/4		1/4		1/4	5,483.24	1/4	5,110.63	1/4	4,724.82	1/4	4,337.92	1/4	3,951.03	1/4	3,564.13	1/4	3,177.21
1/2		1/2		1/2		1/2	5,477.26	1/2	5,102.61	1/2	4,716.76	1/2	4,329.86	1/2	3,942.97	1/2	3,556.07	1/2	3,169.15
3/4		3/4		3/4		3/4	5,471.27	3/4	5,094.59	3/4	4,708.70	3/4	4,321.80	3/4	3,934.91	3/4	3,548.01	3/4	3,161.09
2		2		2		2	5,465.28	2	5,086.57	2	4,700.64	2	4,313.74	2	3,926.85	2	3,539.95	2	3,153.02
1/4		1/4		1/4		1/4	5,459.30	1/4	5,078.55	1/4	4,692.58	1/4	4,305.68	1/4	3,918.79	1/4	3,531.89	1/4	3,144.96
1/2		1/2		1/2		1/2	5,452.05	1/2	5,070.51	1/2	4,684.51	1/2	4,297.62	1/2	3,910.73	1/2	3,523.83	1/2	3,136.89
3/4		3/4		3/4		3/4	5,444.80	3/4	5,062.47	3/4	4,676.45	3/4	4,289.56	3/4	3,902.67	3/4	3,515.77	3/4	3,128.83
3		3		3		3	5,437.56	3	5,054.43	3	4,668.39	3	4,281.50	3	3,894.61	3	3,507.71	3	3,120.76
1/4		1/4		1/4		1/4	5,430.31	1/4	5,046.40	1/4	4,660.33	1/4	4,273.44	1/4	3,886.55	1/4	3,499.65	1/4	3,112.70
1/2		1/2		1/2		1/2	5,422.39	1/2	5,038.36	1/2	4,652.27	1/2	4,265.38	1/2	3,878.48	1/2	3,491.59	1/2	3,104.64
3/4		3/4		3/4		3/4	5,414.48	3/4	5,030.32	3/4	4,644.21	3/4	4,257.32	3/4	3,870.42	3/4	3,483.53	3/4	3,096.57
4		4		4		4	5,406.56	4	5,022.28	4	4,636.15	4	4,249.26	4	3,862.36	4	3,475.47	4	3,088.51
1/4		1/4		1/4		1/4	5,398.64	1/4	5,014.24	1/4	4,628.09	1/4	4,241.20	1/4	3,854.30	1/4	3,467.41	1/4	3,080.44
1/2		1/2		1/2		1/2	5,390.64	1/2	5,006.20	1/2	4,620.03	1/2	4,233.14	1/2	3,846.24	1/2	3,459.35	1/2	3,072.38
3/4		3/4		3/4		3/4	5,382.63	3/4	4,998.16	3/4	4,611.97	3/4	4,225.08	3/4	3,838.18	3/4	3,451.29	3/4	3,064.31
5		5		5		5	5,374.63	5	4,990.13	5	4,603.91	5	4,217.02	5	3,830.12	5	3,443.23	5	3,056.25
1/4		1/4		1/4		1/4	5,366.63	1/4	4,982.09	1/4	4,595.85	1/4	4,208.96	1/4	3,822.06	1/4	3,435.17	1/4	3,048.19
1/2		1/2		1/2		1/2	5,358.63	1/2	4,974.05	1/2	4,587.79	1/2	4,200.90	1/2	3,814.00	1/2	3,427.11	1/2	3,040.12
3/4		3/4		3/4		3/4	5,350.62	3/4	4,966.01	3/4	4,579.73	3/4	4,192.84	3/4	3,805.94	3/4	3,419.05	3/4	3,032.06
6		6		6		6	5,342.62	6	4,957.97	6	4,571.67	6	4,184.78	6	3,797.88	6	3,410.99	6	3,023.99
1/4		1/4		1/4		1/4	5,334.62	1/4	4,949.93	1/4	4,563.61	1/4	4,176.72	1/4	3,789.82	1/4	3,402.93	1/4	3,015.93
1/2		1/2		1/2		1/2	5,326.61	1/2	4,941.90	1/2	4,555.55	1/2	4,168.66	1/2	3,781.76	1/2	3,394.87	1/2	3,007.86
3/4		3/4		3/4		3/4	5,318.61	3/4	4,933.86	3/4	4,547.49	3/4	4,160.60	3/4	3,773.70	3/4	3,386.81	3/4	2,999.80
7		7		7		7	5,310.61	7	4,925.82	7	4,539.43	7	4,152.54	7	3,765.64	7	3,378.75	7	2,991.74
1/4		1/4		1/4		1/4	5,302.61	1/4	4,917.78	1/4	4,531.37	1/4	4,144.47	1/4	3,757.58	1/4	3,370.69	1/4	2,983.67
1/2		1/2		1/2		1/2	5,294.60	1/2	4,909.74	1/2	4,523.31	1/2	4,136.41	1/2	3,749.52	1/2	3,362.63	1/2	2,975.61
3/4		3/4		3/4		3/4	5,286.60	3/4	4,901.70	3/4	4,515.25	3/4	4,128.35	3/4	3,741.46	3/4	3,354.57	3/4	2,967.54
8		8		8		8	5,278.60	8	4,893.66	8	4,507.19	8	4,120.29	8	3,733.40	8	3,346.50	8	2,959.48
1/4		1/4		1/4		1/4	5,270.60	1/4	4,885.63	1/4	4,499.13	1/4	4,112.23	1/4	3,725.34	1/4	3,338.44	1/4	2,951.41
1/2		1/2		1/2		1/2	5,262.60	1/2	4,877.59	1/2	4,491.07	1/2	4,104.17	1/2	3,717.28	1/2	3,330.38	1/2	2,943.35
3/4		3/4		3/4		3/4	5,254.60	3/4	4,869.55	3/4	4,483.01	3/4	4,096.11	3/4	3,709.22	3/4	3,322.32	3/4	2,935.29
9		9		9		9	5,246.61	9	4,861.51	9	4,474.95	9	4,088.05	9	3,701.16	9	3,314.26	9	2,927.22
1/4		1/4		1/4		1/4	5,238.61	1/4	4,853.47	1/4	4,466.89	1/4	4,079.99	1/4	3,693.10	1/4	3,306.20	1/4	2,919.16
1/2		1/2		1/2		1/2	5,230.61	1/2	4,845.43	1/2	4,458.83	1/2	4,071.93	1/2	3,685.04	1/2	3,298.14	1/2	2,911.09
3/4		3/4		3/4		3/4	5,222.61	3/4	4,837.39	3/4	4,450.77	3/4	4,063.87	3/4	3,676.98	3/4	3,290.08	3/4	2,903.03
10		10		10		10	5,214.61	10	4,829.36	10	4,442.71	10	4,055.81	10	3,668.92	10	3,282.02	10	2,894.96
1/4		1/4		1/4		1/4	5,206.61	1/4	4,821.32	1/4	4,434.65	1/4	4,047.75	1/4	3,660.86	1/4	3,273.96	1/4	2,886.90
1/2		1/2		1/2		1/2	5,198.61	1/2	4,813.28	1/2	4,426.59	1/2	4,039.69	1/2	3,652.80	1/2	3,265.90	1/2	2,878.84
3/4		3/4		3/4		3/4	5,190.61	3/4	4,805.24	3/4	4,418.52	3/4	4,031.63	3/4	3,644.74	3/4	3,257.84	3/4	2,870.77
11		11		11		11	5,182.62	11	4,797.20	11	4,410.46	11	4,023.57	11	3,636.68	11	3,249.78	11	2,862.71
1/4		1/4		1/4		1/4	5,174.62	1/4	4,789.16	1/4	4,402.40	1/4	4,015.51	1/4	3,628.62	1/4	3,241.72	1/4	2,854.64
1/2		1/2		1/2		1/2	5,166.62	1/2	4,781.13	1/2	4,394.34	1/2	4,007.45	1/2	3,620.56	1/2	3,233.66	1/2	2,846.58
3/4		3/4		3/4		3/4	5,158.62	3/4	4,773.09	3/4	4,386.28	3/4	3,999.39	3/4	3,612.49	3/4	3,225.60	3/4	2,838.51

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 12'-07" OFF CENTERLINE AND 47'-09" FORWARD OF AFT BULKHEAD.

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

BARGE "HTCO 3130"

2 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,830.45	0	2,443.36	0	2,056.28	0	1,669.19	0	1,282.10	0	895.47	0	508.40	0	121.33	0		0	
1/4	2,822.39	1/4	2,435.30	1/4	2,048.21	1/4	1,661.13	1/4	1,274.04	1/4	887.42	1/4	500.34	1/4	113.26	1/4		1/4	
1/2	2,814.32	1/2	2,427.23	1/2	2,040.15	1/2	1,653.06	1/2	1,265.98	1/2	879.35	1/2	492.27	1/2	105.20	1/2		1/2	
3/4	2,806.26	3/4	2,419.17	3/4	2,032.08	3/4	1,645.00	3/4	1,257.91	3/4	871.29	3/4	484.21	3/4	97.13	3/4		3/4	
1	2,798.19	1	2,411.11	1	2,024.02	1	1,636.93	1	1,249.85	1	863.22	1	476.15	1	89.07	1		1	
1/4	2,790.13	1/4	2,403.04	1/4	2,015.96	1/4	1,628.87	1/4	1,241.78	1/4	855.16	1/4	468.08	1/4	81.01	1/4		1/4	
1/2	2,782.06	1/2	2,394.98	1/2	2,007.89	1/2	1,620.80	1/2	1,233.72	1/2	847.10	1/2	460.02	1/2	73.45	1/2		1/2	
3/4	2,774.00	3/4	2,386.91	3/4	1,999.83	3/4	1,612.74	3/4	1,225.66	3/4	839.03	3/4	451.95	3/4	65.89	3/4		3/4	
2	2,765.94	2	2,378.85	2	1,991.76	2	1,604.68	2	1,217.60	2	830.97	2	443.89	2	58.33	2		2	
1/4	2,757.87	1/4	2,370.78	1/4	1,983.70	1/4	1,596.61	1/4	1,209.54	1/4	822.90	1/4	435.83	1/4	50.77	1/4		1/4	
1/2	2,749.81	1/2	2,362.72	1/2	1,975.63	1/2	1,588.55	1/2	1,201.48	1/2	814.84	1/2	427.76	1/2	44.72	1/2		1/2	
3/4	2,741.74	3/4	2,354.66	3/4	1,967.57	3/4	1,580.48	3/4	1,193.42	3/4	806.77	3/4	419.70	3/4	38.67	3/4		3/4	
3	2,733.68	3	2,346.59	3	1,959.51	3	1,572.42	3	1,185.36	3	798.71	3	411.63	3	32.62	3		3	
1/4	2,725.61	1/4	2,338.53	1/4	1,951.44	1/4	1,564.35	1/4	1,177.30	1/4	790.65	1/4	403.57	1/4	26.57	1/4		1/4	
1/2	2,717.55	1/2	2,330.46	1/2	1,943.38	1/2	1,556.29	1/2	1,169.25	1/2	782.58	1/2	395.51	1/2	22.54	1/2		1/2	
3/4	2,709.49	3/4	2,322.40	3/4	1,935.31	3/4	1,548.23	3/4	1,161.19	3/4	774.52	3/4	387.44	3/4		3/4		3/4	
4	2,701.42	4	2,314.33	4	1,927.25	4	1,540.16	4	1,153.14	4	766.45	4	379.38	4		4		4	
1/4	2,693.36	1/4	2,306.27	1/4	1,919.18	1/4	1,532.10	1/4	1,145.08	1/4	758.39	1/4	371.31	1/4		1/4		1/4	
1/2	2,685.29	1/2	2,298.21	1/2	1,911.12	1/2	1,524.03	1/2	1,137.03	1/2	750.33	1/2	363.25	1/2		1/2		1/2	
3/4	2,677.23	3/4	2,290.14	3/4	1,903.06	3/4	1,515.97	3/4	1,128.98	3/4	742.26	3/4	355.19	3/4		3/4		3/4	
5	2,669.16	5	2,282.08	5	1,894.99	5	1,507.90	5	1,120.93	5	734.20	5	347.12	5		5		5	
1/4	2,661.10	1/4	2,274.01	1/4	1,886.93	1/4	1,499.84	1/4	1,112.88	1/4	726.13	1/4	339.06	1/4		1/4		1/4	
1/2	2,653.04	1/2	2,265.95	1/2	1,878.86	1/2	1,491.78	1/2	1,104.83	1/2	718.07	1/2	330.99	1/2		1/2		1/2	
3/4	2,644.97	3/4	2,257.88	3/4	1,870.80	3/4	1,483.71	3/4	1,096.78	3/4	710.01	3/4	322.93	3/4		3/4		3/4	
6	2,636.91	6	2,249.82	6	1,862.73	6	1,475.65	6	1,088.72	6	701.94	6	314.86	6		6		6	
1/4	2,628.84	1/4	2,241.76	1/4	1,854.67	1/4	1,467.58	1/4	1,080.67	1/4	693.88	1/4	306.80	1/4		1/4		1/4	
1/2	2,620.78	1/2	2,233.69	1/2	1,846.61	1/2	1,459.52	1/2	1,072.62	1/2	685.81	1/2	298.74	1/2		1/2		1/2	
3/4	2,612.71	3/4	2,225.63	3/4	1,838.54	3/4	1,451.45	3/4	1,064.57	3/4	677.75	3/4	290.67	3/4		3/4		3/4	
7	2,604.65	7	2,217.56	7	1,830.48	7	1,443.39	7	1,056.52	7	669.69	7	282.61	7		7		7	
1/4	2,596.59	1/4	2,209.50	1/4	1,822.41	1/4	1,435.33	1/4	1,048.47	1/4	661.62	1/4	274.54	1/4		1/4		1/4	
1/2	2,588.52	1/2	2,201.43	1/2	1,814.35	1/2	1,427.26	1/2	1,040.42	1/2	653.56	1/2	266.48	1/2		1/2		1/2	
3/4	2,580.46	3/4	2,193.37	3/4	1,806.28	3/4	1,419.20	3/4	1,032.36	3/4	645.49	3/4	258.42	3/4		3/4		3/4	
8	2,572.39	8	2,185.31	8	1,798.22	8	1,411.13	8	1,024.31	8	637.43	8	250.35	8		8		8	
1/4	2,564.33	1/4	2,177.24	1/4	1,790.16	1/4	1,403.07	1/4	1,016.26	1/4	629.36	1/4	242.29	1/4		1/4		1/4	
1/2	2,556.26	1/2	2,169.18	1/2	1,782.09	1/2	1,395.00	1/2	1,008.21	1/2	621.30	1/2	234.22	1/2		1/2		1/2	
3/4	2,548.20	3/4	2,161.11	3/4	1,774.03	3/4	1,386.94	3/4	1,000.16	3/4	613.24	3/4	226.16	3/4		3/4		3/4	
9	2,540.13	9	2,153.05	9	1,765.96	9	1,378.88	9	992.11	9	605.17	9	218.10	9		9		9	
1/4	2,532.07	1/4	2,144.98	1/4	1,757.90	1/4	1,370.81	1/4	984.06	1/4	597.11	1/4	210.03	1/4		1/4		1/4	
1/2	2,524.01	1/2	2,136.92	1/2	1,749.83	1/2	1,362.75	1/2	976.00	1/2	589.04	1/2	201.97	1/2		1/2		1/2	
3/4	2,515.94	3/4	2,128.86	3/4	1,741.77	3/4	1,354.68	3/4	967.95	3/4	580.98	3/4	193.90	3/4		3/4		3/4	
10	2,507.88	10	2,120.79	10	1,733.70	10	1,346.62	10	959.90	10	572.92	10	185.84	10		10		10	
1/4	2,499.81	1/4	2,112.73	1/4	1,725.64	1/4	1,338.55	1/4	951.85	1/4	564.85	1/4	177.78	1/4		1/4		1/4	
1/2	2,491.75	1/2	2,104.66	1/2	1,717.58	1/2	1,330.49	1/2	943.80	1/2	556.79	1/2	169.71	1/2		1/2		1/2	
3/4	2,483.68	3/4	2,096.60	3/4	1,709.51	3/4	1,322.43	3/4	935.75	3/4	548.72	3/4	161.65	3/4		3/4		3/4	
11	2,475.62	11	2,088.53	11	1,701.45	11	1,314.36	11	927.70	11	540.66	11	153.58	11		11		11	
1/4	2,467.56	1/4	2,080.47	1/4	1,693.38	1/4	1,306.30	1/4	919.64	1/4	532.60	1/4	145.52	1/4		1/4		1/4	
1/2	2,459.49	1/2	2,072.41	1/2	1,685.32	1/2	1,298.23	1/2	911.59	1/2	524.53	1/2	137.45	1/2		1/2		1/2	
3/4	2,451.43	3/4	2,064.34	3/4	1,677.25	3/4	1,290.17	3/4	903.53	3/4	516.47	3/4	129.39	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/06/2014 CL
RECALCULATED: 04/10/2019 CL
VERIFIED: 04/26/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2024

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

BARGE "HTCO 3130"

3 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	4,741.64	0	4,465.57	0	4,188.70	0	3,911.80	0	3,569.64	0	3,183.55
1/4		1/4		1/4		1/4		1/4	4,735.91	1/4	4,459.81	1/4	4,182.93	1/4	3,906.03	1/4	3,561.61	1/4	3,175.51
1/2		1/2		1/2		1/2	4,990.34	1/2	4,730.19	1/2	4,454.05	1/2	4,177.16	1/2	3,900.26	1/2	3,553.59	1/2	3,167.46
3/4		3/4		3/4		3/4	4,987.98	3/4	4,724.46	3/4	4,448.29	3/4	4,171.39	3/4	3,894.49	3/4	3,545.56	3/4	3,159.41
1		1		1		1	4,984.26	1	4,718.72	1	4,442.52	1	4,165.62	1	3,888.72	1	3,537.53	1	3,151.36
1/4		1/4		1/4		1/4	4,980.55	1/4	4,712.98	1/4	4,436.75	1/4	4,159.85	1/4	3,882.96	1/4	3,529.49	1/4	3,143.31
1/2		1/2		1/2		1/2	4,976.84	1/2	4,707.24	1/2	4,430.98	1/2	4,154.08	1/2	3,877.19	1/2	3,521.46	1/2	3,135.27
3/4		3/4		3/4		3/4	4,973.13	3/4	4,701.50	3/4	4,425.21	3/4	4,148.32	3/4	3,871.42	3/4	3,513.42	3/4	3,127.22
2		2		2		2	4,968.16	2	4,695.75	2	4,419.44	2	4,142.55	2	3,865.65	2	3,505.38	2	3,119.17
1/4		1/4		1/4		1/4	4,963.19	1/4	4,689.99	1/4	4,413.68	1/4	4,136.78	1/4	3,859.88	1/4	3,497.33	1/4	3,111.12
1/2		1/2		1/2		1/2	4,958.21	1/2	4,684.24	1/2	4,407.91	1/2	4,131.01	1/2	3,854.11	1/2	3,489.28	1/2	3,103.07
3/4		3/4		3/4		3/4	4,953.24	3/4	4,678.48	3/4	4,402.14	3/4	4,125.24	3/4	3,848.34	3/4	3,481.24	3/4	3,095.03
3		3		3		3	4,947.60	3	4,672.73	3	4,396.37	3	4,119.47	3	3,842.59	3	3,473.19	3	3,086.98
1/4		1/4		1/4		1/4	4,941.95	1/4	4,666.97	1/4	4,390.60	1/4	4,113.70	1/4	3,836.84	1/4	3,465.15	1/4	3,078.93
1/2		1/2		1/2		1/2	4,936.31	1/2	4,661.22	1/2	4,384.83	1/2	4,107.93	1/2	3,831.08	1/2	3,457.10	1/2	3,070.88
3/4		3/4		3/4		3/4	4,930.66	3/4	4,655.47	3/4	4,379.06	3/4	4,102.17	3/4	3,825.33	3/4	3,449.06	3/4	3,062.83
4		4		4		4	4,924.94	4	4,649.71	4	4,373.29	4	4,096.40	4	3,819.01	4	3,441.01	4	3,054.79
1/4		1/4		1/4		1/4	4,919.21	1/4	4,643.96	1/4	4,367.53	1/4	4,090.63	1/4	3,812.70	1/4	3,432.97	1/4	3,046.74
1/2		1/2		1/2		1/2	4,913.48	1/2	4,638.20	1/2	4,361.76	1/2	4,084.86	1/2	3,806.39	1/2	3,424.92	1/2	3,038.69
3/4		3/4		3/4		3/4	4,907.75	3/4	4,632.45	3/4	4,355.99	3/4	4,079.09	3/4	3,800.08	3/4	3,416.88	3/4	3,030.64
5		5		5		5	4,902.02	5	4,626.69	5	4,350.22	5	4,073.32	5	3,792.62	5	3,408.83	5	3,022.59
1/4		1/4		1/4		1/4	4,896.29	1/4	4,620.94	1/4	4,344.45	1/4	4,067.55	1/4	3,785.16	1/4	3,400.79	1/4	3,014.55
1/2		1/2		1/2		1/2	4,890.56	1/2	4,615.19	1/2	4,338.68	1/2	4,061.79	1/2	3,777.71	1/2	3,392.74	1/2	3,006.50
3/4		3/4		3/4		3/4	4,884.83	3/4	4,609.43	3/4	4,332.91	3/4	4,056.02	3/4	3,770.25	3/4	3,384.70	3/4	2,998.45
6		6		6		6	4,879.10	6	4,603.68	6	4,327.15	6	4,050.25	6	3,762.23	6	3,376.65	6	2,990.40
1/4		1/4		1/4		1/4	4,873.37	1/4	4,597.92	1/4	4,321.38	1/4	4,044.48	1/4	3,754.20	1/4	3,368.61	1/4	2,982.35
1/2		1/2		1/2		1/2	4,867.64	1/2	4,592.17	1/2	4,315.61	1/2	4,038.71	1/2	3,746.18	1/2	3,360.56	1/2	2,974.31
3/4		3/4		3/4		3/4	4,861.91	3/4	4,586.42	3/4	4,309.84	3/4	4,032.94	3/4	3,738.15	3/4	3,352.51	3/4	2,966.26
7		7		7		7	4,856.18	7	4,580.66	7	4,304.07	7	4,027.17	7	3,730.13	7	3,344.47	7	2,958.21
1/4		1/4		1/4		1/4	4,850.45	1/4	4,574.91	1/4	4,298.30	1/4	4,021.40	1/4	3,722.10	1/4	3,336.42	1/4	2,950.16
1/2		1/2		1/2		1/2	4,844.73	1/2	4,569.15	1/2	4,292.53	1/2	4,015.64	1/2	3,714.08	1/2	3,328.38	1/2	2,942.11
3/4		3/4		3/4		3/4	4,839.00	3/4	4,563.40	3/4	4,286.76	3/4	4,009.87	3/4	3,706.05	3/4	3,320.33	3/4	2,934.07
8		8		8		8	4,833.27	8	4,557.64	8	4,281.00	8	4,004.10	8	3,698.03	8	3,312.29	8	2,926.02
1/4		1/4		1/4		1/4	4,827.54	1/4	4,551.89	1/4	4,275.23	1/4	3,998.33	1/4	3,690.00	1/4	3,304.24	1/4	2,917.97
1/2		1/2		1/2		1/2	4,821.82	1/2	4,546.14	1/2	4,269.46	1/2	3,992.56	1/2	3,681.98	1/2	3,296.20	1/2	2,909.92
3/4		3/4		3/4		3/4	4,816.09	3/4	4,540.38	3/4	4,263.69	3/4	3,986.79	3/4	3,673.96	3/4	3,288.15	3/4	2,901.87
9		9		9		9	4,810.36	9	4,534.63	9	4,257.92	9	3,981.02	9	3,665.93	9	3,280.11	9	2,893.83
1/4		1/4		1/4		1/4	4,804.64	1/4	4,528.87	1/4	4,252.15	1/4	3,975.25	1/4	3,657.91	1/4	3,272.06	1/4	2,885.78
1/2		1/2		1/2		1/2	4,798.91	1/2	4,523.12	1/2	4,246.38	1/2	3,969.49	1/2	3,649.88	1/2	3,264.02	1/2	2,877.73
3/4		3/4		3/4		3/4	4,793.18	3/4	4,517.36	3/4	4,240.61	3/4	3,963.72	3/4	3,641.86	3/4	3,255.97	3/4	2,869.68
10		10		10		10	4,787.46	10	4,511.61	10	4,234.85	10	3,957.95	10	3,633.83	10	3,247.93	10	2,861.63
1/4		1/4		1/4		1/4	4,781.73	1/4	4,505.86	1/4	4,229.08	1/4	3,952.18	1/4	3,625.81	1/4	3,239.88	1/4	2,853.59
1/2		1/2		1/2		1/2	4,776.00	1/2	4,500.10	1/2	4,223.31	1/2	3,946.41	1/2	3,617.78	1/2	3,231.83	1/2	2,845.54
3/4		3/4		3/4		3/4	4,770.28	3/4	4,494.35	3/4	4,217.54	3/4	3,940.64	3/4	3,609.76	3/4	3,223.79	3/4	2,837.49
11		11		11		11	4,764.55	11	4,488.59	11	4,211.77	11	3,934.87	11	3,601.73	11	3,215.74	11	2,829.44
1/4		1/4		1/4		1/4	4,758.82	1/4	4,482.84	1/4	4,206.00	1/4	3,929.11	1/4	3,593.71	1/4	3,207.70	1/4	2,821.39
1/2		1/2		1/2		1/2	4,753.10	1/2	4,477.09	1/2	4,200.23	1/2	3,923.34	1/2	3,585.69	1/2	3,199.65	1/2	2,813.34
3/4		3/4		3/4		3/4	4,747.37	3/4	4,471.33	3/4	4,194.47	3/4	3,917.57	3/4	3,577.66	3/4	3,191.60	3/4	2,805.28

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 12'-07" OFF CENTERLINE AND 41'-00" FORWARD OF AFT BULKHEAD.

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

BARGE "HTCO 3130"

3 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	2,797.23	0	2,411.99	0	2,028.17	0	1,641.51	0	1,255.48	0	878.99	0	492.14	0	105.28	0		0	
1/4	2,789.17	1/4	2,404.00	1/4	2,020.11	1/4	1,633.45	1/4	1,247.63	1/4	870.93	1/4	484.08	1/4	97.22	1/4		1/4	
1/2	2,781.12	1/2	2,396.01	1/2	2,012.06	1/2	1,625.40	1/2	1,239.79	1/2	862.88	1/2	476.02	1/2	89.15	1/2		1/2	
3/4	2,773.06	3/4	2,388.02	3/4	2,004.00	3/4	1,617.34	3/4	1,231.94	3/4	854.82	3/4	467.96	3/4	81.08	3/4		3/4	
1	2,765.01	1	2,380.02	1	1,995.95	1	1,609.29	1	1,224.11	1	846.76	1	459.90	1	73.51	1		1	
1/4	2,756.95	1/4	2,372.03	1/4	1,987.89	1/4	1,601.23	1/4	1,216.27	1/4	838.70	1/4	451.85	1/4	65.94	1/4		1/4	
1/2	2,748.90	1/2	2,364.04	1/2	1,979.83	1/2	1,593.18	1/2	1,208.43	1/2	830.64	1/2	443.79	1/2	58.38	1/2		1/2	
3/4	2,740.84	3/4	2,356.05	3/4	1,971.78	3/4	1,585.12	3/4	1,200.59	3/4	822.58	3/4	435.73	3/4	50.81	3/4		3/4	
2	2,732.79	2	2,348.05	2	1,963.72	2	1,577.06	2	1,192.76	2	814.52	2	427.67	2	44.76	2		2	
1/4	2,724.73	1/4	2,340.06	1/4	1,955.67	1/4	1,569.01	1/4	1,184.92	1/4	806.46	1/4	419.61	1/4	38.70	1/4		1/4	
1/2	2,716.68	1/2	2,332.07	1/2	1,947.61	1/2	1,560.95	1/2	1,177.09	1/2	798.40	1/2	411.56	1/2	32.65	1/2		1/2	
3/4	2,708.62	3/4	2,324.08	3/4	1,939.56	3/4	1,552.90	3/4	1,169.26	3/4	790.34	3/4	403.50	3/4	26.60	3/4		3/4	
3	2,700.58	3	2,316.08	3	1,931.50	3	1,544.84	3	1,161.43	3	782.28	3	395.44	3	22.56	3		3	
1/4	2,692.55	1/4	2,308.09	1/4	1,923.45	1/4	1,536.79	1/4	1,153.60	1/4	774.22	1/4	387.38	1/4		1/4		1/4	
1/2	2,684.51	1/2	2,300.10	1/2	1,915.39	1/2	1,528.73	1/2	1,145.77	1/2	766.16	1/2	379.32	1/2		1/2		1/2	
3/4	2,676.48	3/4	2,292.11	3/4	1,907.34	3/4	1,520.68	3/4	1,137.94	3/4	758.10	3/4	371.26	3/4		3/4		3/4	
4	2,668.46	4	2,284.11	4	1,899.28	4	1,512.62	4	1,130.11	4	750.04	4	363.21	4		4		4	
1/4	2,660.44	1/4	2,276.12	1/4	1,891.22	1/4	1,504.57	1/4	1,122.29	1/4	741.98	1/4	355.15	1/4		1/4		1/4	
1/2	2,652.43	1/2	2,268.13	1/2	1,883.17	1/2	1,496.51	1/2	1,114.46	1/2	733.92	1/2	347.09	1/2		1/2		1/2	
3/4	2,644.41	3/4	2,260.14	3/4	1,875.11	3/4	1,488.45	3/4	1,106.64	3/4	725.86	3/4	339.03	3/4		3/4		3/4	
5	2,636.39	5	2,252.14	5	1,867.06	5	1,480.40	5	1,098.81	5	717.80	5	330.97	5		5		5	
1/4	2,628.38	1/4	2,244.15	1/4	1,859.00	1/4	1,472.34	1/4	1,090.99	1/4	709.74	1/4	322.92	1/4		1/4		1/4	
1/2	2,620.36	1/2	2,236.16	1/2	1,850.95	1/2	1,464.29	1/2	1,083.16	1/2	701.68	1/2	314.86	1/2		1/2		1/2	
3/4	2,612.34	3/4	2,228.17	3/4	1,842.89	3/4	1,456.23	3/4	1,075.33	3/4	693.62	3/4	306.80	3/4		3/4		3/4	
6	2,604.32	6	2,220.17	6	1,834.84	6	1,448.18	6	1,067.51	6	685.56	6	298.74	6		6		6	
1/4	2,596.31	1/4	2,212.18	1/4	1,826.78	1/4	1,440.12	1/4	1,059.68	1/4	677.50	1/4	290.68	1/4		1/4		1/4	
1/2	2,588.29	1/2	2,204.19	1/2	1,818.73	1/2	1,432.07	1/2	1,051.86	1/2	669.44	1/2	282.62	1/2		1/2		1/2	
3/4	2,580.27	3/4	2,196.20	3/4	1,810.67	3/4	1,424.01	3/4	1,044.03	3/4	661.39	3/4	274.57	3/4		3/4		3/4	
7	2,572.26	7	2,188.20	7	1,802.62	7	1,415.96	7	1,036.21	7	653.33	7	266.51	7		7		7	
1/4	2,564.24	1/4	2,180.21	1/4	1,794.56	1/4	1,407.90	1/4	1,028.38	1/4	645.27	1/4	258.45	1/4		1/4		1/4	
1/2	2,556.22	1/2	2,172.22	1/2	1,786.50	1/2	1,399.85	1/2	1,020.56	1/2	637.21	1/2	250.39	1/2		1/2		1/2	
3/4	2,548.21	3/4	2,164.23	3/4	1,778.45	3/4	1,391.79	3/4	1,012.73	3/4	629.15	3/4	242.33	3/4		3/4		3/4	
8	2,540.19	8	2,156.23	8	1,770.39	8	1,383.73	8	1,004.90	8	621.09	8	234.27	8		8		8	
1/4	2,532.17	1/4	2,148.24	1/4	1,762.34	1/4	1,375.68	1/4	997.08	1/4	613.03	1/4	226.21	1/4		1/4		1/4	
1/2	2,524.16	1/2	2,140.25	1/2	1,754.28	1/2	1,367.62	1/2	989.25	1/2	604.97	1/2	218.15	1/2		1/2		1/2	
3/4	2,516.14	3/4	2,132.26	3/4	1,746.23	3/4	1,359.57	3/4	981.43	3/4	596.91	3/4	210.09	3/4		3/4		3/4	
9	2,508.12	9	2,124.26	9	1,738.17	9	1,351.51	9	973.60	9	588.85	9	202.03	9		9		9	
1/4	2,500.10	1/4	2,116.27	1/4	1,730.12	1/4	1,343.46	1/4	965.78	1/4	580.79	1/4	193.97	1/4		1/4		1/4	
1/2	2,492.09	1/2	2,108.28	1/2	1,722.06	1/2	1,335.40	1/2	957.95	1/2	572.73	1/2	185.91	1/2		1/2		1/2	
3/4	2,484.07	3/4	2,100.29	3/4	1,714.01	3/4	1,327.35	3/4	950.12	3/4	564.67	3/4	177.85	3/4		3/4		3/4	
10	2,476.05	10	2,092.29	10	1,705.95	10	1,319.29	10	942.30	10	556.61	10	169.79	10		10		10	
1/4	2,468.04	1/4	2,084.30	1/4	1,697.90	1/4	1,311.24	1/4	934.47	1/4	548.55	1/4	161.73	1/4		1/4		1/4	
1/2	2,460.02	1/2	2,076.31	1/2	1,689.84	1/2	1,303.18	1/2	926.65	1/2	540.49	1/2	153.67	1/2		1/2		1/2	
3/4	2,452.00	3/4	2,068.32	3/4	1,681.78	3/4	1,295.13	3/4	918.82	3/4	532.43	3/4	145.61	3/4		3/4		3/4	
11	2,444.00	11	2,060.29	11	1,673.73	11	1,287.18	11	910.88	11	524.37	11	137.55	11		11		11	
1/4	2,435.99	1/4	2,052.27	1/4	1,665.67	1/4	1,279.22	1/4	902.94	1/4	516.31	1/4	129.48	1/4		1/4		1/4	
1/2	2,427.99	1/2	2,044.25	1/2	1,657.62	1/2	1,271.27	1/2	895.00	1/2	508.25	1/2	121.42	1/2		1/2		1/2	
3/4	2,419.99	3/4	2,036.22	3/4	1,649.56	3/4	1,263.32	3/4	887.05	3/4	500.20	3/4	113.35	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/06/2014 CL
RECALCULATED: 04/10/2019 CL
VERIFIED: 04/26/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2024

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

BARGE "HTCO 3130"

3 STBD

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	4,762.05	0	4,486.06	0	4,209.27	0	3,932.47	0	3,589.92	0	3,203.14
1/4		1/4		1/4		1/4		1/4	4,756.32	1/4	4,480.30	1/4	4,203.51	1/4	3,926.70	1/4	3,581.88	1/4	3,195.08
1/2		1/2		1/2		1/2	5,010.68	1/2	4,750.60	1/2	4,474.54	1/2	4,197.74	1/2	3,920.93	1/2	3,573.84	1/2	3,187.02
3/4		3/4		3/4		3/4	5,008.31	3/4	4,744.87	3/4	4,468.78	3/4	4,191.97	3/4	3,915.17	3/4	3,565.80	3/4	3,178.96
1		1		1		1	5,004.60	1	4,739.14	1	4,463.01	1	4,186.21	1	3,909.40	1	3,557.75	1	3,170.89
1/4		1/4		1/4		1/4	5,000.89	1/4	4,733.40	1/4	4,457.25	1/4	4,180.44	1/4	3,903.63	1/4	3,549.70	1/4	3,162.83
1/2		1/2		1/2		1/2	4,997.18	1/2	4,727.66	1/2	4,451.48	1/2	4,174.67	1/2	3,897.87	1/2	3,541.65	1/2	3,154.77
3/4		3/4		3/4		3/4	4,993.47	3/4	4,721.92	3/4	4,445.71	3/4	4,168.91	3/4	3,892.10	3/4	3,533.60	3/4	3,146.71
2		2		2		2	4,988.50	2	4,716.17	2	4,439.95	2	4,163.14	2	3,886.33	2	3,525.54	2	3,138.64
1/4		1/4		1/4		1/4	4,983.53	1/4	4,710.42	1/4	4,434.18	1/4	4,157.37	1/4	3,880.57	1/4	3,517.48	1/4	3,130.58
1/2		1/2		1/2		1/2	4,978.56	1/2	4,704.66	1/2	4,428.41	1/2	4,151.61	1/2	3,874.80	1/2	3,509.42	1/2	3,122.52
3/4		3/4		3/4		3/4	4,973.59	3/4	4,698.91	3/4	4,422.65	3/4	4,145.84	3/4	3,869.03	3/4	3,501.36	3/4	3,114.46
3		3		3		3	4,967.94	3	4,693.16	3	4,416.88	3	4,140.07	3	3,863.28	3	3,493.30	3	3,106.39
1/4		1/4		1/4		1/4	4,962.30	1/4	4,687.41	1/4	4,411.11	1/4	4,134.31	1/4	3,857.52	1/4	3,485.24	1/4	3,098.33
1/2		1/2		1/2		1/2	4,956.66	1/2	4,681.65	1/2	4,405.35	1/2	4,128.54	1/2	3,851.77	1/2	3,477.18	1/2	3,090.27
3/4		3/4		3/4		3/4	4,951.01	3/4	4,675.90	3/4	4,399.58	3/4	4,122.77	3/4	3,846.02	3/4	3,469.12	3/4	3,082.21
4		4		4		4	4,945.28	4	4,670.15	4	4,393.81	4	4,117.01	4	3,839.70	4	3,461.06	4	3,074.14
1/4		1/4		1/4		1/4	4,939.56	1/4	4,664.40	1/4	4,388.05	1/4	4,111.24	1/4	3,833.38	1/4	3,453.00	1/4	3,066.08
1/2		1/2		1/2		1/2	4,933.83	1/2	4,658.64	1/2	4,382.28	1/2	4,105.47	1/2	3,827.07	1/2	3,444.94	1/2	3,058.02
3/4		3/4		3/4		3/4	4,928.10	3/4	4,652.89	3/4	4,376.51	3/4	4,099.71	3/4	3,820.75	3/4	3,436.88	3/4	3,049.96
5		5		5		5	4,922.37	5	4,647.14	5	4,370.74	5	4,093.94	5	3,813.29	5	3,428.82	5	3,041.89
1/4		1/4		1/4		1/4	4,916.65	1/4	4,641.39	1/4	4,364.98	1/4	4,088.17	1/4	3,805.82	1/4	3,420.76	1/4	3,033.83
1/2		1/2		1/2		1/2	4,910.92	1/2	4,635.63	1/2	4,359.21	1/2	4,082.40	1/2	3,798.36	1/2	3,412.71	1/2	3,025.77
3/4		3/4		3/4		3/4	4,905.19	3/4	4,629.88	3/4	4,353.44	3/4	4,076.64	3/4	3,790.89	3/4	3,404.65	3/4	3,017.71
6		6		6		6	4,899.46	6	4,624.13	6	4,347.68	6	4,070.87	6	3,782.86	6	3,396.59	6	3,009.64
1/4		1/4		1/4		1/4	4,893.73	1/4	4,618.38	1/4	4,341.91	1/4	4,065.10	1/4	3,774.82	1/4	3,388.53	1/4	3,001.58
1/2		1/2		1/2		1/2	4,888.01	1/2	4,612.62	1/2	4,336.14	1/2	4,059.34	1/2	3,766.78	1/2	3,380.47	1/2	2,993.52
3/4		3/4		3/4		3/4	4,882.28	3/4	4,606.87	3/4	4,330.38	3/4	4,053.57	3/4	3,758.74	3/4	3,372.41	3/4	2,985.46
7		7		7		7	4,876.55	7	4,601.12	7	4,324.61	7	4,047.80	7	3,750.70	7	3,364.35	7	2,977.39
1/4		1/4		1/4		1/4	4,870.83	1/4	4,595.37	1/4	4,318.84	1/4	4,042.04	1/4	3,742.66	1/4	3,356.29	1/4	2,969.33
1/2		1/2		1/2		1/2	4,865.10	1/2	4,589.61	1/2	4,313.08	1/2	4,036.27	1/2	3,734.62	1/2	3,348.23	1/2	2,961.27
3/4		3/4		3/4		3/4	4,859.37	3/4	4,583.86	3/4	4,307.31	3/4	4,030.50	3/4	3,726.58	3/4	3,340.17	3/4	2,953.21
8		8		8		8	4,853.65	8	4,578.11	8	4,301.54	8	4,024.74	8	3,718.54	8	3,332.11	8	2,945.14
1/4		1/4		1/4		1/4	4,847.92	1/4	4,572.36	1/4	4,295.78	1/4	4,018.97	1/4	3,710.50	1/4	3,324.05	1/4	2,937.08
1/2		1/2		1/2		1/2	4,842.20	1/2	4,566.61	1/2	4,290.01	1/2	4,013.20	1/2	3,702.46	1/2	3,315.99	1/2	2,929.02
3/4		3/4		3/4		3/4	4,836.47	3/4	4,560.85	3/4	4,284.24	3/4	4,007.44	3/4	3,694.43	3/4	3,307.93	3/4	2,920.96
9		9		9		9	4,830.75	9	4,555.10	9	4,278.48	9	4,001.67	9	3,686.39	9	3,299.87	9	2,912.89
1/4		1/4		1/4		1/4	4,825.02	1/4	4,549.35	1/4	4,272.71	1/4	3,995.90	1/4	3,678.35	1/4	3,291.81	1/4	2,904.83
1/2		1/2		1/2		1/2	4,819.30	1/2	4,543.60	1/2	4,266.94	1/2	3,990.14	1/2	3,670.31	1/2	3,283.75	1/2	2,896.77
3/4		3/4		3/4		3/4	4,813.57	3/4	4,537.84	3/4	4,261.18	3/4	3,984.37	3/4	3,662.27	3/4	3,275.69	3/4	2,888.71
10		10		10		10	4,807.85	10	4,532.09	10	4,255.41	10	3,978.60	10	3,654.23	10	3,267.63	10	2,880.64
1/4		1/4		1/4		1/4	4,802.12	1/4	4,526.34	1/4	4,249.64	1/4	3,972.84	1/4	3,646.19	1/4	3,259.57	1/4	2,872.58
1/2		1/2		1/2		1/2	4,796.40	1/2	4,520.59	1/2	4,243.88	1/2	3,967.07	1/2	3,638.15	1/2	3,251.51	1/2	2,864.52
3/4		3/4		3/4		3/4	4,790.67	3/4	4,514.83	3/4	4,238.11	3/4	3,961.30	3/4	3,630.11	3/4	3,243.45	3/4	2,856.46
11		11		11		11	4,784.95	11	4,509.08	11	4,232.34	11	3,955.54	11	3,622.07	11	3,235.39	11	2,848.39
1/4		1/4		1/4		1/4	4,779.22	1/4	4,503.33	1/4	4,226.57	1/4	3,949.77	1/4	3,614.03	1/4	3,227.33	1/4	2,840.32
1/2		1/2		1/2		1/2	4,773.50	1/2	4,497.58	1/2	4,220.81	1/2	3,944.00	1/2	3,606.00	1/2	3,219.27	1/2	2,832.25
3/4		3/4		3/4		3/4	4,767.77	3/4	4,491.82	3/4	4,215.04	3/4	3,938.23	3/4	3,597.96	3/4	3,211.21	3/4	2,824.19

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 12'-07" OFF CENTERLINE AND 41'-00" FORWARD OF AFT BULKHEAD.

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

BARGE "HTCO 3130"

3 STBD

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	2,816.12	0	2,428.77	0	2,041.43	0	1,654.08	0	1,266.73	0	879.94	0	492.60	0	105.27	0		0	
1/4	2,808.05	1/4	2,420.70	1/4	2,033.36	1/4	1,646.01	1/4	1,258.66	1/4	871.87	1/4	484.54	1/4	97.20	1/4		1/4	
1/2	2,799.98	1/2	2,412.63	1/2	2,025.29	1/2	1,637.94	1/2	1,250.59	1/2	863.80	1/2	476.47	1/2	89.13	1/2		1/2	
3/4	2,791.91	3/4	2,404.56	3/4	2,017.22	3/4	1,629.87	3/4	1,242.53	3/4	855.73	3/4	468.40	3/4	81.06	3/4		3/4	
1	2,783.84	1	2,396.49	1	2,009.15	1	1,621.80	1	1,234.46	1	847.66	1	460.33	1	73.50	1		1	
1/4	2,775.77	1/4	2,388.42	1/4	2,001.08	1/4	1,613.73	1/4	1,226.39	1/4	839.59	1/4	452.26	1/4	65.93	1/4		1/4	
1/2	2,767.70	1/2	2,380.35	1/2	1,993.01	1/2	1,605.66	1/2	1,218.33	1/2	831.52	1/2	444.19	1/2	58.36	1/2		1/2	
3/4	2,759.63	3/4	2,372.28	3/4	1,984.94	3/4	1,597.59	3/4	1,210.26	3/4	823.45	3/4	436.12	3/4	50.80	3/4		3/4	
2	2,751.56	2	2,364.21	2	1,976.87	2	1,589.52	2	1,202.20	2	815.38	2	428.05	2	44.75	2		2	
1/4	2,743.49	1/4	2,356.14	1/4	1,968.80	1/4	1,581.45	1/4	1,194.14	1/4	807.32	1/4	419.98	1/4	38.70	1/4		1/4	
1/2	2,735.42	1/2	2,348.07	1/2	1,960.73	1/2	1,573.38	1/2	1,186.08	1/2	799.25	1/2	411.91	1/2	32.64	1/2		1/2	
3/4	2,727.35	3/4	2,340.00	3/4	1,952.66	3/4	1,565.31	3/4	1,178.02	3/4	791.18	3/4	403.84	3/4	26.59	3/4		3/4	
3	2,719.28	3	2,331.93	3	1,944.59	3	1,557.24	3	1,169.96	3	783.11	3	395.77	3	22.56	3		3	
1/4	2,711.21	1/4	2,323.87	1/4	1,936.52	1/4	1,549.17	1/4	1,161.90	1/4	775.04	1/4	387.70	1/4		1/4		1/4	
1/2	2,703.14	1/2	2,315.80	1/2	1,928.45	1/2	1,541.10	1/2	1,153.84	1/2	766.97	1/2	379.63	1/2		1/2		1/2	
3/4	2,695.07	3/4	2,307.73	3/4	1,920.38	3/4	1,533.03	3/4	1,145.78	3/4	758.90	3/4	371.56	3/4		3/4		3/4	
4	2,687.00	4	2,299.66	4	1,912.31	4	1,524.96	4	1,137.73	4	750.83	4	363.49	4		4		4	
1/4	2,678.93	1/4	2,291.59	1/4	1,904.24	1/4	1,516.90	1/4	1,129.68	1/4	742.76	1/4	355.42	1/4		1/4		1/4	
1/2	2,670.86	1/2	2,283.52	1/2	1,896.17	1/2	1,508.83	1/2	1,121.62	1/2	734.69	1/2	347.35	1/2		1/2		1/2	
3/4	2,662.79	3/4	2,275.45	3/4	1,888.10	3/4	1,500.76	3/4	1,113.57	3/4	726.62	3/4	339.28	3/4		3/4		3/4	
5	2,654.72	5	2,267.38	5	1,880.03	5	1,492.69	5	1,105.51	5	718.55	5	331.21	5		5		5	
1/4	2,646.65	1/4	2,259.31	1/4	1,871.96	1/4	1,484.62	1/4	1,097.46	1/4	710.48	1/4	323.15	1/4		1/4		1/4	
1/2	2,638.58	1/2	2,251.24	1/2	1,863.89	1/2	1,476.55	1/2	1,089.40	1/2	702.41	1/2	315.08	1/2		1/2		1/2	
3/4	2,630.51	3/4	2,243.17	3/4	1,855.82	3/4	1,468.48	3/4	1,081.35	3/4	694.34	3/4	307.01	3/4		3/4		3/4	
6	2,622.44	6	2,235.10	6	1,847.75	6	1,460.41	6	1,073.29	6	686.27	6	298.94	6		6		6	
1/4	2,614.37	1/4	2,227.03	1/4	1,839.68	1/4	1,452.34	1/4	1,065.24	1/4	678.20	1/4	290.87	1/4		1/4		1/4	
1/2	2,606.30	1/2	2,218.96	1/2	1,831.61	1/2	1,444.27	1/2	1,057.18	1/2	670.13	1/2	282.80	1/2		1/2		1/2	
3/4	2,598.23	3/4	2,210.89	3/4	1,823.54	3/4	1,436.20	3/4	1,049.13	3/4	662.06	3/4	274.73	3/4		3/4		3/4	
7	2,590.17	7	2,202.82	7	1,815.47	7	1,428.13	7	1,041.08	7	653.99	7	266.66	7		7		7	
1/4	2,582.10	1/4	2,194.75	1/4	1,807.40	1/4	1,420.06	1/4	1,033.02	1/4	645.93	1/4	258.59	1/4		1/4		1/4	
1/2	2,574.03	1/2	2,186.68	1/2	1,799.33	1/2	1,411.99	1/2	1,024.97	1/2	637.86	1/2	250.52	1/2		1/2		1/2	
3/4	2,565.96	3/4	2,178.61	3/4	1,791.26	3/4	1,403.92	3/4	1,016.91	3/4	629.79	3/4	242.45	3/4		3/4		3/4	
8	2,557.89	8	2,170.54	8	1,783.20	8	1,395.85	8	1,008.86	8	621.72	8	234.38	8		8		8	
1/4	2,549.82	1/4	2,162.47	1/4	1,775.13	1/4	1,387.78	1/4	1,000.80	1/4	613.65	1/4	226.31	1/4		1/4		1/4	
1/2	2,541.75	1/2	2,154.40	1/2	1,767.06	1/2	1,379.71	1/2	992.75	1/2	605.58	1/2	218.24	1/2		1/2		1/2	
3/4	2,533.68	3/4	2,146.33	3/4	1,758.99	3/4	1,371.64	3/4	984.69	3/4	597.51	3/4	210.17	3/4		3/4		3/4	
9	2,525.61	9	2,138.26	9	1,750.92	9	1,363.57	9	976.64	9	589.44	9	202.10	9		9		9	
1/4	2,517.54	1/4	2,130.19	1/4	1,742.85	1/4	1,355.50	1/4	968.59	1/4	581.37	1/4	194.03	1/4		1/4		1/4	
1/2	2,509.47	1/2	2,122.12	1/2	1,734.78	1/2	1,347.43	1/2	960.53	1/2	573.30	1/2	185.96	1/2		1/2		1/2	
3/4	2,501.40	3/4	2,114.05	3/4	1,726.71	3/4	1,339.36	3/4	952.48	3/4	565.23	3/4	177.89	3/4		3/4		3/4	
10	2,493.33	10	2,105.98	10	1,718.64	10	1,331.29	10	944.42	10	557.16	10	169.82	10		10		10	
1/4	2,485.26	1/4	2,097.91	1/4	1,710.57	1/4	1,323.22	1/4	936.37	1/4	549.09	1/4	161.76	1/4		1/4		1/4	
1/2	2,477.19	1/2	2,089.84	1/2	1,702.50	1/2	1,315.15	1/2	928.31	1/2	541.02	1/2	153.69	1/2		1/2		1/2	
3/4	2,469.12	3/4	2,081.77	3/4	1,694.43	3/4	1,307.08	3/4	920.26	3/4	532.95	3/4	145.62	3/4		3/4		3/4	
11	2,461.05	11	2,073.70	11	1,686.36	11	1,299.01	11	912.20	11	524.88	11	137.55	11		11		11	
1/4	2,452.98	1/4	2,065.63	1/4	1,678.29	1/4	1,290.94	1/4	904.13	1/4	516.81	1/4	129.48	1/4		1/4		1/4	
1/2	2,444.91	1/2	2,057.56	1/2	1,670.22	1/2	1,282.87	1/2	896.07	1/2	508.74	1/2	121.41	1/2		1/2		1/2	
3/4	2,436.84	3/4	2,049.50	3/4	1,662.15	3/4	1,274.80	3/4	888.01	3/4	500.67	3/4	113.34	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/06/2014 CL
RECALCULATED: 04/10/2019 CL
VERIFIED: 04/26/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2024

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

BARGE "HTCO 3130"

FWD SLOP 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	455	0	910	0	1,365	0	1,820	0		0		0		0		0	
1/4	9	1/4	465	1/4	920	1/4	1,375	1/4	1,830	1/4		1/4		1/4		1/4		1/4	
1/2	19	1/2	474	1/2	929	1/2	1,384	1/2	1,839	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	484	3/4	939	3/4	1,394	3/4	1,849	3/4		3/4		3/4		3/4		3/4	
1	38	1	493	1	948	1	1,403	1	1,858	1		1		1		1		1	
1/4	47	1/4	502	1/4	958	1/4	1,413	1/4	1,868	1/4		1/4		1/4		1/4		1/4	
1/2	57	1/2	512	1/2	967	1/2	1,422	1/2	1,877	1/2		1/2		1/2		1/2		1/2	
3/4	66	3/4	521	3/4	976	3/4	1,432	3/4	1,887	3/4		3/4		3/4		3/4		3/4	
2	76	2	531	2	986	2	1,441	2	1,896	2		2		2		2		2	
1/4	85	1/4	540	1/4	995	1/4	1,451	1/4	1,906	1/4		1/4		1/4		1/4		1/4	
1/2	95	1/2	550	1/2	1,005	1/2	1,460	1/2	1,915	1/2		1/2		1/2		1/2		1/2	
3/4	104	3/4	559	3/4	1,014	3/4	1,469	3/4	1,925	3/4		3/4		3/4		3/4		3/4	
3	114	3	569	3	1,024	3	1,479	3	1,934	3		3		3		3		3	
1/4	123	1/4	578	1/4	1,033	1/4	1,488	1/4	1,944	1/4		1/4		1/4		1/4		1/4	
1/2	133	1/2	588	1/2	1,043	1/2	1,498	1/2	1,953	1/2		1/2		1/2		1/2		1/2	
3/4	142	3/4	597	3/4	1,052	3/4	1,507	3/4	1,962	3/4		3/4		3/4		3/4		3/4	
4	152	4	607	4	1,062	4	1,517	4	1,972	4		4		4		4		4	
1/4	161	1/4	616	1/4	1,071	1/4	1,526	1/4	1,981	1/4		1/4		1/4		1/4		1/4	
1/2	171	1/2	626	1/2	1,081	1/2	1,536	1/2	1,991	1/2		1/2		1/2		1/2		1/2	
3/4	180	3/4	635	3/4	1,090	3/4	1,545	3/4	2,000	3/4		3/4		3/4		3/4		3/4	
5	190	5	645	5	1,100	5	1,555	5	2,010	5		5		5		5		5	
1/4	199	1/4	654	1/4	1,109	1/4	1,564	1/4	2,019	1/4		1/4		1/4		1/4		1/4	
1/2	209	1/2	664	1/2	1,119	1/2	1,574	1/2	2,029	1/2		1/2		1/2		1/2		1/2	
3/4	218	3/4	673	3/4	1,128	3/4	1,583	3/4	2,038	3/4		3/4		3/4		3/4		3/4	
6	228	6	683	6	1,138	6	1,593	6	2,048	6		6		6		6		6	
1/4	237	1/4	692	1/4	1,147	1/4	1,602	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	246	1/2	702	1/2	1,157	1/2	1,612	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	256	3/4	711	3/4	1,166	3/4	1,621	3/4		3/4		3/4		3/4		3/4		3/4	
7	265	7	721	7	1,176	7	1,631	7		7		7		7		7		7	
1/4	275	1/4	730	1/4	1,185	1/4	1,640	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	284	1/2	739	1/2	1,195	1/2	1,650	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	294	3/4	749	3/4	1,204	3/4	1,659	3/4		3/4		3/4		3/4		3/4		3/4	
8	303	8	758	8	1,214	8	1,669	8		8		8		8		8		8	
1/4	313	1/4	768	1/4	1,223	1/4	1,678	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	322	1/2	777	1/2	1,232	1/2	1,688	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	332	3/4	787	3/4	1,242	3/4	1,697	3/4		3/4		3/4		3/4		3/4		3/4	
9	341	9	796	9	1,251	9	1,706	9		9		9		9		9		9	
1/4	351	1/4	806	1/4	1,261	1/4	1,716	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	360	1/2	815	1/2	1,270	1/2	1,725	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	370	3/4	825	3/4	1,280	3/4	1,735	3/4		3/4		3/4		3/4		3/4		3/4	
10	379	10	834	10	1,289	10	1,744	10		10		10		10		10		10	
1/4	389	1/4	844	1/4	1,299	1/4	1,754	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	398	1/2	853	1/2	1,308	1/2	1,763	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	408	3/4	863	3/4	1,318	3/4	1,773	3/4		3/4		3/4		3/4		3/4		3/4	
11	417	11	872	11	1,327	11	1,782	11		11		11		11		11		11	
1/4	427	1/4	882	1/4	1,337	1/4	1,792	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	436	1/2	891	1/2	1,346	1/2	1,801	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	446	3/4	901	3/4	1,356	3/4	1,811	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.

STRAPPED: 04/26/2024 JS
CALCULATED: 04/27/2024 CL
PRINTED: 04/27/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2024

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

BARGE "HTCO 3130"

AFT SLOP 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	455	0	910	0	1,365	0	1,820	0		0		0		0		0	
1/4	9	1/4	465	1/4	920	1/4	1,375	1/4	1,830	1/4		1/4		1/4		1/4		1/4	
1/2	19	1/2	474	1/2	929	1/2	1,384	1/2	1,839	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	484	3/4	939	3/4	1,394	3/4	1,849	3/4		3/4		3/4		3/4		3/4	
1	38	1	493	1	948	1	1,403	1	1,858	1		1		1		1		1	
1/4	47	1/4	502	1/4	958	1/4	1,413	1/4	1,868	1/4		1/4		1/4		1/4		1/4	
1/2	57	1/2	512	1/2	967	1/2	1,422	1/2	1,877	1/2		1/2		1/2		1/2		1/2	
3/4	66	3/4	521	3/4	976	3/4	1,432	3/4	1,887	3/4		3/4		3/4		3/4		3/4	
2	76	2	531	2	986	2	1,441	2	1,896	2		2		2		2		2	
1/4	85	1/4	540	1/4	995	1/4	1,451	1/4	1,906	1/4		1/4		1/4		1/4		1/4	
1/2	95	1/2	550	1/2	1,005	1/2	1,460	1/2	1,915	1/2		1/2		1/2		1/2		1/2	
3/4	104	3/4	559	3/4	1,014	3/4	1,469	3/4	1,925	3/4		3/4		3/4		3/4		3/4	
3	114	3	569	3	1,024	3	1,479	3	1,934	3		3		3		3		3	
1/4	123	1/4	578	1/4	1,033	1/4	1,488	1/4	1,944	1/4		1/4		1/4		1/4		1/4	
1/2	133	1/2	588	1/2	1,043	1/2	1,498	1/2	1,953	1/2		1/2		1/2		1/2		1/2	
3/4	142	3/4	597	3/4	1,052	3/4	1,507	3/4	1,962	3/4		3/4		3/4		3/4		3/4	
4	152	4	607	4	1,062	4	1,517	4	1,972	4		4		4		4		4	
1/4	161	1/4	616	1/4	1,071	1/4	1,526	1/4	1,981	1/4		1/4		1/4		1/4		1/4	
1/2	171	1/2	626	1/2	1,081	1/2	1,536	1/2	1,991	1/2		1/2		1/2		1/2		1/2	
3/4	180	3/4	635	3/4	1,090	3/4	1,545	3/4	2,000	3/4		3/4		3/4		3/4		3/4	
5	190	5	645	5	1,100	5	1,555	5	2,010	5		5		5		5		5	
1/4	199	1/4	654	1/4	1,109	1/4	1,564	1/4	2,019	1/4		1/4		1/4		1/4		1/4	
1/2	209	1/2	664	1/2	1,119	1/2	1,574	1/2	2,029	1/2		1/2		1/2		1/2		1/2	
3/4	218	3/4	673	3/4	1,128	3/4	1,583	3/4	2,038	3/4		3/4		3/4		3/4		3/4	
6	228	6	683	6	1,138	6	1,593	6	2,048	6		6		6		6		6	
1/4	237	1/4	692	1/4	1,147	1/4	1,602	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	246	1/2	702	1/2	1,157	1/2	1,612	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	256	3/4	711	3/4	1,166	3/4	1,621	3/4		3/4		3/4		3/4		3/4		3/4	
7	265	7	721	7	1,176	7	1,631	7		7		7		7		7		7	
1/4	275	1/4	730	1/4	1,185	1/4	1,640	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	284	1/2	739	1/2	1,195	1/2	1,650	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	294	3/4	749	3/4	1,204	3/4	1,659	3/4		3/4		3/4		3/4		3/4		3/4	
8	303	8	758	8	1,214	8	1,669	8		8		8		8		8		8	
1/4	313	1/4	768	1/4	1,223	1/4	1,678	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	322	1/2	777	1/2	1,232	1/2	1,688	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	332	3/4	787	3/4	1,242	3/4	1,697	3/4		3/4		3/4		3/4		3/4		3/4	
9	341	9	796	9	1,251	9	1,706	9		9		9		9		9		9	
1/4	351	1/4	806	1/4	1,261	1/4	1,716	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	360	1/2	815	1/2	1,270	1/2	1,725	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	370	3/4	825	3/4	1,280	3/4	1,735	3/4		3/4		3/4		3/4		3/4		3/4	
10	379	10	834	10	1,289	10	1,744	10		10		10		10		10		10	
1/4	389	1/4	844	1/4	1,299	1/4	1,754	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	398	1/2	853	1/2	1,308	1/2	1,763	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	408	3/4	863	3/4	1,318	3/4	1,773	3/4		3/4		3/4		3/4		3/4		3/4	
11	417	11	872	11	1,327	11	1,782	11		11		11		11		11		11	
1/4	427	1/4	882	1/4	1,337	1/4	1,792	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	436	1/2	891	1/2	1,346	1/2	1,801	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	446	3/4	901	3/4	1,356	3/4	1,811	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.

STRAPPED: 04/26/2024 JS
CALCULATED: 04/27/2024 CL
PRINTED: 04/27/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
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