



BARGE "HTCO 3131"

ULLAGE (HERMETIC)

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8	01-1/4	- 01-1/4
1 STBD	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8	01-1/4	- 01-1/4
2 PORT	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-1/8	- 01-1/8	01-3/8	- 01-3/8	01-5/8	- 01-5/8
2 STBD	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-1/8	- 01-1/8	01-3/8	- 01-3/8	01-5/8	- 01-5/8
3 PORT	- 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	- 00-1/8	00-1/8
3 STBD	- 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	- 00-1/8	00-1/8

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

LENGTH BETWEEN DRAFT MARKS: 283'-06"

May 6, 2024

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

<http://www.pmacorp.net>





BARGE "HTCO 3131"

1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17' 3"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0		0		0	5,302.52	0	4,904.07	0	4,504.43	0	4,104.75	0	3,705.07	0	3,305.38		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,294.25	1/4	4,895.76	1/4	4,496.10	1/4	4,096.42	1/4	3,696.75	1/4	3,297.05		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,667.56	1/2	5,285.99	1/2	4,887.44	1/2	4,487.77	1/2	4,088.10	1/2	3,688.42	1/2	3,288.72
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,662.76	3/4	5,277.72	3/4	4,879.12	3/4	4,479.45	3/4	4,079.77	3/4	3,680.09	3/4	3,280.39
1	1	1	1	1	1	1	1	1	5,656.58	1	5,269.44	1	4,870.80	1	4,471.12	1	4,071.44	1	3,671.77	1	3,272.06
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,650.39	1/4	5,261.15	1/4	4,862.47	1/4	4,462.79	1/4	4,063.12	1/4	3,663.44	1/4	3,263.73
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,644.20	1/2	5,252.87	1/2	4,854.14	1/2	4,454.47	1/2	4,054.79	1/2	3,655.11	1/2	3,255.40
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,638.02	3/4	5,244.58	3/4	4,845.82	3/4	4,446.14	3/4	4,046.46	3/4	3,646.79	3/4	3,247.06
2	2	2	2	2	2	2	2	2	5,630.53	2	5,236.28	2	4,837.49	2	4,437.81	2	4,038.14	2	3,638.46	2	3,238.73
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,623.04	1/4	5,227.97	1/4	4,829.17	1/4	4,429.49	1/4	4,029.81	1/4	3,630.13	1/4	3,230.40
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,615.55	1/2	5,219.67	1/2	4,820.84	1/2	4,421.16	1/2	4,021.48	1/2	3,621.81	1/2	3,222.07
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,608.06	3/4	5,211.36	3/4	4,812.51	3/4	4,412.83	3/4	4,013.16	3/4	3,613.48	3/4	3,213.74
3	3	3	3	3	3	3	3	3	5,599.88	3	5,203.06	3	4,804.19	3	4,404.51	3	4,004.83	3	3,605.15	3	3,205.41
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,591.69	1/4	5,194.75	1/4	4,795.86	1/4	4,396.18	1/4	3,996.50	1/4	3,596.83	1/4	3,197.08
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,583.51	1/2	5,186.45	1/2	4,787.53	1/2	4,387.86	1/2	3,988.18	1/2	3,588.50	1/2	3,188.75
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,575.33	3/4	5,178.14	3/4	4,779.21	3/4	4,379.53	3/4	3,979.85	3/4	3,580.17	3/4	3,180.42
4	4	4	4	4	4	4	4	4	5,567.06	4	5,169.84	4	4,770.88	4	4,371.20	4	3,971.53	4	3,571.85	4	3,172.09
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,558.79	1/4	5,161.53	1/4	4,762.55	1/4	4,362.88	1/4	3,963.20	1/4	3,563.52	1/4	3,163.76
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,550.52	1/2	5,153.23	1/2	4,754.23	1/2	4,354.55	1/2	3,954.87	1/2	3,555.20	1/2	3,155.43
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,542.25	3/4	5,144.93	3/4	4,745.90	3/4	4,346.22	3/4	3,946.55	3/4	3,546.87	3/4	3,147.10
5	5	5	5	5	5	5	5	5	5,533.98	5	5,136.62	5	4,737.57	5	4,337.90	5	3,938.22	5	3,538.54	5	3,138.77
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,525.71	1/4	5,128.32	1/4	4,729.25	1/4	4,329.57	1/4	3,929.89	1/4	3,530.22	1/4	3,130.44
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,517.44	1/2	5,120.01	1/2	4,720.92	1/2	4,321.24	1/2	3,921.57	1/2	3,521.89	1/2	3,122.11
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,509.17	3/4	5,111.71	3/4	4,712.59	3/4	4,312.92	3/4	3,913.24	3/4	3,513.56	3/4	3,113.78
6	6	6	6	6	6	6	6	6	5,500.90	6	5,103.40	6	4,704.27	6	4,304.59	6	3,904.91	6	3,505.24	6	3,105.44
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,492.63	1/4	5,095.10	1/4	4,695.94	1/4	4,296.26	1/4	3,896.59	1/4	3,496.91	1/4	3,097.11
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,484.36	1/2	5,086.79	1/2	4,687.61	1/2	4,287.94	1/2	3,888.26	1/2	3,488.58	1/2	3,088.78
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,476.10	3/4	5,078.49	3/4	4,679.29	3/4	4,279.61	3/4	3,879.93	3/4	3,480.26	3/4	3,080.45
7	7	7	7	7	7	7	7	7	5,467.83	7	5,070.18	7	4,670.96	7	4,271.28	7	3,871.61	7	3,471.93	7	3,072.12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,459.56	1/4	5,061.88	1/4	4,662.63	1/4	4,262.96	1/4	3,863.28	1/4	3,463.60	1/4	3,063.79
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,451.29	1/2	5,053.57	1/2	4,654.31	1/2	4,254.63	1/2	3,854.95	1/2	3,455.28	1/2	3,055.46
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,443.03	3/4	5,045.27	3/4	4,645.98	3/4	4,246.30	3/4	3,846.63	3/4	3,446.95	3/4	3,047.13
8	8	8	8	8	8	8	8	8	5,434.76	8	5,036.96	8	4,637.65	8	4,237.98	8	3,838.30	8	3,438.62	8	3,038.80
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,426.50	1/4	5,028.66	1/4	4,629.33	1/4	4,229.65	1/4	3,829.97	1/4	3,430.30	1/4	3,030.47
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,418.23	1/2	5,020.35	1/2	4,621.00	1/2	4,221.32	1/2	3,821.65	1/2	3,421.97	1/2	3,022.14
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,409.97	3/4	5,012.05	3/4	4,612.67	3/4	4,213.00	3/4	3,813.32	3/4	3,413.64	3/4	3,013.81
9	9	9	9	9	9	9	9	9	5,401.70	9	5,003.74	9	4,604.35	9	4,204.67	9	3,804.99	9	3,405.32	9	3,005.48
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,393.43	1/4	4,995.44	1/4	4,596.02	1/4	4,196.34	1/4	3,796.67	1/4	3,396.99	1/4	2,997.15
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,385.17	1/2	4,987.13	1/2	4,587.69	1/2	4,188.02	1/2	3,788.34	1/2	3,388.66	1/2	2,988.82
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,376.90	3/4	4,978.83	3/4	4,579.37	3/4	4,179.69	3/4	3,780.01	3/4	3,380.34	3/4	2,980.49
10	10	10	10	10	10	10	10	10	5,368.64	10	4,970.52	10	4,571.04	10	4,171.36	10	3,771.69	10	3,372.01	10	2,972.16
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,360.37	1/4	4,962.22	1/4	4,562.71	1/4	4,163.04	1/4	3,763.36	1/4	3,363.68	1/4	2,963.82
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,352.11	1/2	4,953.91	1/2	4,554.39	1/2	4,154.71	1/2	3,755.03	1/2	3,355.36	1/2	2,955.49
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,343.84	3/4	4,945.61	3/4	4,546.06	3/4	4,146.38	3/4	3,746.71	3/4	3,347.03	3/4	2,947.16
11	11	11	11	11	11	11	11	11	5,335.58	11	4,937.30	11	4,537.73	11	4,138.06	11	3,738.38	11	3,338.70	11	2,938.83
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,327.31	1/4	4,929.00	1/4	4,529.41	1/4	4,129.73	1/4	3,730.05	1/4	3,330.37	1/4	2,930.50
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,319.05	1/2	4,920.69	1/2	4,521.08	1/2	4,121.40	1/2	3,721.73	1/2	3,322.04	1/2	2,922.17
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,310.78	3/4	4,912.39	3/4	4,512.75	3/4	4,113.08	3/4	3,713.40	3/4	3,313.71	3/4	2,913.84

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 CLOSED GAUGING DEVICE"
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 52'-10" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

Pearland, Texas 77588
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BARGE "HTCO 3131"

1 PORT
ULLAGE TABLE
HERMETIC
GAUGE HEIGHT 17' 3"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,905.51	0	2,505.64	0	2,105.77	0	1,705.90	0	1,306.12	0	908.38	0	508.52	0	108.66	0		0	
1/4	2,897.18	1/4	2,497.31	1/4	2,097.44	1/4	1,697.57	1/4	1,297.82	1/4	900.05	1/4	500.19	1/4	100.33	1/4		1/4	
1/2	2,888.85	1/2	2,488.98	1/2	2,089.11	1/2	1,689.24	1/2	1,289.52	1/2	891.72	1/2	491.86	1/2	92.00	1/2		1/2	
3/4	2,880.52	3/4	2,480.65	3/4	2,080.78	3/4	1,680.91	3/4	1,281.22	3/4	883.39	3/4	483.53	3/4	83.67	3/4		3/4	
1	2,872.19	1	2,472.32	1	2,072.45	1	1,672.58	1	1,272.93	1	875.06	1	475.20	1	75.86	1		1	
1/4	2,863.86	1/4	2,463.99	1/4	2,064.12	1/4	1,664.25	1/4	1,264.63	1/4	866.73	1/4	466.87	1/4	68.05	1/4		1/4	
1/2	2,855.53	1/2	2,455.66	1/2	2,055.79	1/2	1,655.92	1/2	1,256.34	1/2	858.40	1/2	458.54	1/2	60.24	1/2		1/2	
3/4	2,847.20	3/4	2,447.33	3/4	2,047.46	3/4	1,647.59	3/4	1,248.04	3/4	850.07	3/4	450.21	3/4	52.43	3/4		3/4	
2	2,838.87	2	2,439.00	2	2,039.13	2	1,639.26	2	1,239.76	2	841.74	2	441.88	2	46.18	2		2	
1/4	2,830.54	1/4	2,430.67	1/4	2,030.80	1/4	1,630.93	1/4	1,231.47	1/4	833.41	1/4	433.55	1/4	39.94	1/4		1/4	
1/2	2,822.20	1/2	2,422.34	1/2	2,022.47	1/2	1,622.60	1/2	1,223.18	1/2	825.08	1/2	425.22	1/2	33.69	1/2		1/2	
3/4	2,813.87	3/4	2,414.01	3/4	2,014.14	3/4	1,614.27	3/4	1,214.90	3/4	816.75	3/4	416.89	3/4	27.44	3/4		3/4	
3	2,805.54	3	2,405.67	3	2,005.81	3	1,605.94	3	1,206.61	3	808.42	3	408.56	3	23.28	3		3	
1/4	2,797.21	1/4	2,397.34	1/4	1,997.48	1/4	1,597.61	1/4	1,198.33	1/4	800.09	1/4	400.23	1/4		1/4		1/4	
1/2	2,788.88	1/2	2,389.01	1/2	1,989.14	1/2	1,589.28	1/2	1,190.05	1/2	791.76	1/2	391.90	1/2		1/2		1/2	
3/4	2,780.55	3/4	2,380.68	3/4	1,980.81	3/4	1,580.95	3/4	1,181.76	3/4	783.42	3/4	383.57	3/4		3/4		3/4	
4	2,772.22	4	2,372.35	4	1,972.48	4	1,572.61	4	1,173.48	4	775.09	4	375.24	4		4		4	
1/4	2,763.89	1/4	2,364.02	1/4	1,964.15	1/4	1,564.28	1/4	1,165.20	1/4	766.76	1/4	366.90	1/4		1/4		1/4	
1/2	2,755.56	1/2	2,355.69	1/2	1,955.82	1/2	1,555.95	1/2	1,156.92	1/2	758.43	1/2	358.57	1/2		1/2		1/2	
3/4	2,747.23	3/4	2,347.36	3/4	1,947.49	3/4	1,547.62	3/4	1,148.64	3/4	750.10	3/4	350.24	3/4		3/4		3/4	
5	2,738.90	5	2,339.03	5	1,939.16	5	1,539.29	5	1,140.36	5	741.77	5	341.91	5		5		5	
1/4	2,730.57	1/4	2,330.70	1/4	1,930.83	1/4	1,530.96	1/4	1,132.08	1/4	733.44	1/4	333.58	1/4		1/4		1/4	
1/2	2,722.24	1/2	2,322.37	1/2	1,922.50	1/2	1,522.63	1/2	1,123.80	1/2	725.11	1/2	325.25	1/2		1/2		1/2	
3/4	2,713.91	3/4	2,314.04	3/4	1,914.17	3/4	1,514.30	3/4	1,115.52	3/4	716.78	3/4	316.92	3/4		3/4		3/4	
6	2,705.58	6	2,305.71	6	1,905.84	6	1,505.97	6	1,107.24	6	708.45	6	308.59	6		6		6	
1/4	2,697.25	1/4	2,297.38	1/4	1,897.51	1/4	1,497.64	1/4	1,098.97	1/4	700.12	1/4	300.26	1/4		1/4		1/4	
1/2	2,688.91	1/2	2,289.05	1/2	1,889.18	1/2	1,489.31	1/2	1,090.69	1/2	691.79	1/2	291.93	1/2		1/2		1/2	
3/4	2,680.58	3/4	2,280.72	3/4	1,880.85	3/4	1,480.98	3/4	1,082.41	3/4	683.46	3/4	283.60	3/4		3/4		3/4	
7	2,672.25	7	2,272.38	7	1,872.52	7	1,472.65	7	1,074.13	7	675.13	7	275.27	7		7		7	
1/4	2,663.92	1/4	2,264.05	1/4	1,864.19	1/4	1,464.32	1/4	1,065.85	1/4	666.80	1/4	266.94	1/4		1/4		1/4	
1/2	2,655.59	1/2	2,255.72	1/2	1,855.85	1/2	1,455.99	1/2	1,057.57	1/2	658.47	1/2	258.61	1/2		1/2		1/2	
3/4	2,647.26	3/4	2,247.39	3/4	1,847.52	3/4	1,447.66	3/4	1,049.29	3/4	650.14	3/4	250.28	3/4		3/4		3/4	
8	2,638.93	8	2,239.06	8	1,839.19	8	1,439.32	8	1,041.01	8	641.81	8	241.95	8		8		8	
1/4	2,630.60	1/4	2,230.73	1/4	1,830.86	1/4	1,430.99	1/4	1,032.73	1/4	633.48	1/4	233.62	1/4		1/4		1/4	
1/2	2,622.27	1/2	2,222.40	1/2	1,822.53	1/2	1,422.66	1/2	1,024.45	1/2	625.15	1/2	225.29	1/2		1/2		1/2	
3/4	2,613.94	3/4	2,214.07	3/4	1,814.20	3/4	1,414.33	3/4	1,016.17	3/4	616.82	3/4	216.96	3/4		3/4		3/4	
9	2,605.61	9	2,205.74	9	1,805.87	9	1,406.00	9	1,007.89	9	608.49	9	208.63	9		9		9	
1/4	2,597.28	1/4	2,197.41	1/4	1,797.54	1/4	1,397.67	1/4	999.61	1/4	600.16	1/4	200.30	1/4		1/4		1/4	
1/2	2,588.95	1/2	2,189.08	1/2	1,789.21	1/2	1,389.34	1/2	991.33	1/2	591.83	1/2	191.97	1/2		1/2		1/2	
3/4	2,580.62	3/4	2,180.75	3/4	1,780.88	3/4	1,381.01	3/4	983.05	3/4	583.50	3/4	183.64	3/4		3/4		3/4	
10	2,572.29	10	2,172.42	10	1,772.55	10	1,372.68	10	974.77	10	575.16	10	175.31	10		10		10	
1/4	2,563.96	1/4	2,164.09	1/4	1,764.22	1/4	1,364.35	1/4	966.49	1/4	566.83	1/4	166.98	1/4		1/4		1/4	
1/2	2,555.63	1/2	2,155.76	1/2	1,755.89	1/2	1,356.02	1/2	958.21	1/2	558.50	1/2	158.64	1/2		1/2		1/2	
3/4	2,547.29	3/4	2,147.43	3/4	1,747.56	3/4	1,347.69	3/4	949.93	3/4	550.17	3/4	150.31	3/4		3/4		3/4	
11	2,538.96	11	2,139.10	11	1,739.23	11	1,339.37	11	941.63	11	541.84	11	141.98	11		11		11	
1/4	2,530.63	1/4	2,130.76	1/4	1,730.90	1/4	1,331.06	1/4	933.32	1/4	533.51	1/4	133.65	1/4		1/4		1/4	
1/2	2,522.30	1/2	2,122.43	1/2	1,722.57	1/2	1,322.74	1/2	925.02	1/2	525.18	1/2	125.32	1/2		1/2		1/2	
3/4	2,513.97	3/4	2,114.10	3/4	1,714.23	3/4	1,314.42	3/4	916.71	3/4	516.85	3/4	116.99	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/27/2014 CL
RECALCULATED: 05/21/2019 JS
VERIFIED: 05/06/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

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



BARGE "HTCO 3131"

1 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17' 3 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
									5,330.07		4,931.67		4,532.00		4,132.24		3,732.48		3,332.71		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,321.80	1/4	4,923.36	1/4	4,523.67	1/4	4,123.91	1/4	3,724.15	1/4	3,324.38		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,313.53	1/2	4,915.05	1/2	4,515.34	1/2	4,115.58	1/2	3,715.82	1/2	3,316.05		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,305.26	3/4	4,906.74	3/4	4,507.01	3/4	4,107.25	3/4	3,707.49	3/4	3,307.72		
1	1	1	1	1	1	1	1	1	5,297.00	1	4,898.42	1	4,498.68	1	4,098.92	1	3,699.17	1	3,299.38		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,670.38	1/4	5,288.73	1/4	4,890.10	1/4	4,490.35	1/4	4,090.60	1/4	3,690.84	1/4	3,291.05
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,665.58	1/2	5,280.46	1/2	4,881.78	1/2	4,482.03	1/2	4,082.27	1/2	3,682.51	1/2	3,282.72
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,659.39	3/4	5,272.18	3/4	4,873.46	3/4	4,473.70	3/4	4,073.94	3/4	3,674.18	3/4	3,274.39
2	2	2	2	2	2	2	2	2	5,653.21	2	5,263.89	2	4,865.13	2	4,465.37	2	4,065.61	2	3,665.85	2	3,265.06
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,647.02	1/4	5,255.60	1/4	4,856.80	1/4	4,457.04	1/4	4,057.28	1/4	3,657.52	1/4	3,257.72
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,640.83	1/2	5,247.32	1/2	4,848.47	1/2	4,448.71	1/2	4,048.95	1/2	3,649.20	1/2	3,249.39
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,633.34	3/4	5,239.01	3/4	4,840.14	3/4	4,440.38	3/4	4,040.63	3/4	3,640.87	3/4	3,241.06
3	3	3	3	3	3	3	3	3	5,625.85	3	5,230.70	3	4,831.81	3	4,432.06	3	4,032.30	3	3,632.54	3	3,232.73
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,618.36	1/4	5,222.40	1/4	4,823.49	1/4	4,423.73	1/4	4,023.97	1/4	3,624.21	1/4	3,224.39
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,610.87	1/2	5,214.09	1/2	4,815.16	1/2	4,415.40	1/2	4,015.64	1/2	3,615.88	1/2	3,216.06
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,602.68	3/4	5,205.78	3/4	4,806.83	3/4	4,407.07	3/4	4,007.31	3/4	3,607.55	3/4	3,207.73
4	4	4	4	4	4	4	4	4	5,594.50	4	5,197.48	4	4,798.50	4	4,398.74	4	3,998.98	4	3,599.23	4	3,199.40
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,586.31	1/4	5,189.17	1/4	4,790.17	1/4	4,390.41	1/4	3,990.66	1/4	3,590.90	1/4	3,191.06
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,578.13	1/2	5,180.87	1/2	4,781.84	1/2	4,382.09	1/2	3,982.33	1/2	3,582.57	1/2	3,182.73
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,569.86	3/4	5,172.56	3/4	4,773.52	3/4	4,373.76	3/4	3,974.00	3/4	3,574.24	3/4	3,174.40
5	5	5	5	5	5	5	5	5	5,561.59	5	5,164.25	5	4,765.19	5	4,365.43	5	3,965.67	5	3,565.91	5	3,166.07
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,553.31	1/4	5,155.95	1/4	4,756.86	1/4	4,357.10	1/4	3,957.34	1/4	3,557.58	1/4	3,157.74
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,545.04	1/2	5,147.64	1/2	4,748.53	1/2	4,348.77	1/2	3,949.01	1/2	3,549.26	1/2	3,149.40
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,536.77	3/4	5,139.33	3/4	4,740.20	3/4	4,340.44	3/4	3,940.69	3/4	3,540.93	3/4	3,141.07
6	6	6	6	6	6	6	6	6	5,528.50	6	5,131.03	6	4,731.87	6	4,332.12	6	3,932.36	6	3,532.60	6	3,132.74
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,520.23	1/4	5,122.72	1/4	4,723.55	1/4	4,323.79	1/4	3,924.03	1/4	3,524.27	1/4	3,124.41
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,511.96	1/2	5,114.41	1/2	4,715.22	1/2	4,315.46	1/2	3,915.70	1/2	3,515.94	1/2	3,116.07
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,503.69	3/4	5,106.11	3/4	4,706.89	3/4	4,307.13	3/4	3,907.37	3/4	3,507.61	3/4	3,107.74
7	7	7	7	7	7	7	7	7	5,495.42	7	5,097.80	7	4,698.56	7	4,298.80	7	3,899.04	7	3,499.29	7	3,099.41
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,487.15	1/4	5,089.49	1/4	4,690.23	1/4	4,290.47	1/4	3,890.72	1/4	3,490.96	1/4	3,091.08
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,478.88	1/2	5,081.19	1/2	4,681.90	1/2	4,282.15	1/2	3,882.39	1/2	3,482.63	1/2	3,082.74
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,470.61	3/4	5,072.88	3/4	4,673.58	3/4	4,273.82	3/4	3,874.06	3/4	3,474.30	3/4	3,074.41
8	8	8	8	8	8	8	8	8	5,462.34	8	5,064.57	8	4,665.25	8	4,265.49	8	3,865.73	8	3,465.97	8	3,066.08
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,454.07	1/4	5,056.27	1/4	4,656.92	1/4	4,257.16	1/4	3,857.40	1/4	3,457.64	1/4	3,057.75
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,445.80	1/2	5,047.96	1/2	4,648.59	1/2	4,248.83	1/2	3,849.07	1/2	3,449.32	1/2	3,049.42
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,437.53	3/4	5,039.65	3/4	4,640.26	3/4	4,240.50	3/4	3,840.75	3/4	3,440.99	3/4	3,041.08
9	9	9	9	9	9	9	9	9	5,429.27	9	5,031.35	9	4,631.93	9	4,232.18	9	3,832.42	9	3,432.66	9	3,032.75
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,421.00	1/4	5,023.04	1/4	4,623.61	1/4	4,223.85	1/4	3,824.09	1/4	3,424.33	1/4	3,024.42
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,412.73	1/2	5,014.73	1/2	4,615.28	1/2	4,215.52	1/2	3,815.76	1/2	3,416.00	1/2	3,016.09
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,404.47	3/4	5,006.43	3/4	4,606.95	3/4	4,207.19	3/4	3,807.43	3/4	3,407.67	3/4	3,007.75
10	10	10	10	10	10	10	10	10	5,396.20	10	4,998.12	10	4,598.62	10	4,198.86	10	3,799.10	10	3,399.35	10	2,999.42
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,387.93	1/4	4,989.81	1/4	4,590.29	1/4	4,190.54	1/4	3,790.78	1/4	3,391.02	1/4	2,991.09
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,379.67	1/2	4,981.51	1/2	4,581.97	1/2	4,182.21	1/2	3,782.45	1/2	3,382.69	1/2	2,982.76
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,371.40	3/4	4,973.20	3/4	4,573.64	3/4	4,173.88	3/4	3,774.12	3/4	3,374.36	3/4	2,974.42
11	11	11	11	11	11	11	11	11	5,363.13	11	4,964.89	11	4,565.31	11	4,165.55	11	3,765.79	11	3,366.03	11	2,966.09
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,354.87	1/4	4,956.59	1/4	4,556.98	1/4	4,157.22	1/4	3,757.46	1/4	3,357.71	1/4	2,957.76
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,346.60	1/2	4,948.28	1/2	4,548.65	1/2	4,148.89	1/2	3,749.14	1/2	3,349.38	1/2	2,949.43
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,338.33	3/4	4,939.97	3/4	4,540.32	3/4	4,140.57	3/4	3,740.81	3/4	3,341.04	3/4	2,941.10

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 CLOSED GAUGING DEVICE"
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 52'-10" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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



BARGE "HTCO 3131"

1 STBD ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17' 3 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,932.76	0	2,532.81	0	2,132.86	0	1,732.91	0	1,332.96	0	933.49	0	533.62	0	133.68	0		0	
1/4	2,924.43	1/4	2,524.48	1/4	2,124.53	1/4	1,724.58	1/4	1,324.63	1/4	925.17	1/4	525.29	1/4	125.35	1/4		1/4	
1/2	2,916.10	1/2	2,516.15	1/2	2,116.20	1/2	1,716.25	1/2	1,316.30	1/2	916.84	1/2	516.96	1/2	117.01	1/2		1/2	
3/4	2,907.77	3/4	2,507.82	3/4	2,107.87	3/4	1,707.92	3/4	1,307.96	3/4	908.51	3/4	508.63	3/4	108.68	3/4		3/4	
1	2,899.43	1	2,499.48	1	2,099.53	1	1,699.58	1	1,299.63	1	900.18	1	500.29	1	100.35	1		1	
1/4	2,891.10	1/4	2,491.15	1/4	2,091.20	1/4	1,691.25	1/4	1,291.30	1/4	891.85	1/4	491.96	1/4	92.02	1/4		1/4	
1/2	2,882.77	1/2	2,482.82	1/2	2,082.87	1/2	1,682.92	1/2	1,282.97	1/2	883.51	1/2	483.63	1/2	83.68	1/2		1/2	
3/4	2,874.44	3/4	2,474.49	3/4	2,074.54	3/4	1,674.59	3/4	1,274.64	3/4	875.18	3/4	475.30	3/4	75.87	3/4		3/4	
2	2,866.10	2	2,466.15	2	2,066.20	2	1,666.25	2	1,266.31	2	866.85	2	466.97	2	68.06	2		2	
1/4	2,857.77	1/4	2,457.82	1/4	2,057.87	1/4	1,657.92	1/4	1,257.98	1/4	858.52	1/4	458.63	1/4	60.25	1/4		1/4	
1/2	2,849.44	1/2	2,449.49	1/2	2,049.54	1/2	1,649.59	1/2	1,249.65	1/2	850.19	1/2	450.30	1/2	52.44	1/2		1/2	
3/4	2,841.11	3/4	2,441.16	3/4	2,041.21	3/4	1,641.26	3/4	1,241.33	3/4	841.85	3/4	441.97	3/4	46.19	3/4		3/4	
3	2,832.78	3	2,432.83	3	2,032.87	3	1,632.92	3	1,233.00	3	833.52	3	433.64	3	39.94	3		3	
1/4	2,824.44	1/4	2,424.49	1/4	2,024.54	1/4	1,624.59	1/4	1,224.67	1/4	825.19	1/4	425.30	1/4	33.69	1/4		1/4	
1/2	2,816.11	1/2	2,416.16	1/2	2,016.21	1/2	1,616.26	1/2	1,216.35	1/2	816.86	1/2	416.97	1/2	27.44	1/2		1/2	
3/4	2,807.78	3/4	2,407.83	3/4	2,007.88	3/4	1,607.93	3/4	1,208.03	3/4	808.53	3/4	408.64	3/4	23.28	3/4		3/4	
4	2,799.45	4	2,399.50	4	1,999.55	4	1,599.60	4	1,199.70	4	800.19	4	400.31	4		4		4	
1/4	2,791.11	1/4	2,391.16	1/4	1,991.21	1/4	1,591.26	1/4	1,191.38	1/4	791.86	1/4	391.98	1/4		1/4		1/4	
1/2	2,782.78	1/2	2,382.83	1/2	1,982.88	1/2	1,582.93	1/2	1,183.06	1/2	783.53	1/2	383.64	1/2		1/2		1/2	
3/4	2,774.45	3/4	2,374.50	3/4	1,974.55	3/4	1,574.60	3/4	1,174.74	3/4	775.20	3/4	375.31	3/4		3/4		3/4	
5	2,766.12	5	2,366.17	5	1,966.22	5	1,566.27	5	1,166.42	5	766.86	5	366.98	5		5		5	
1/4	2,757.79	1/4	2,357.83	1/4	1,957.88	1/4	1,557.93	1/4	1,158.11	1/4	758.53	1/4	358.65	1/4		1/4		1/4	
1/2	2,749.45	1/2	2,349.50	1/2	1,949.55	1/2	1,549.60	1/2	1,149.79	1/2	750.20	1/2	350.31	1/2		1/2		1/2	
3/4	2,741.12	3/4	2,341.17	3/4	1,941.22	3/4	1,541.27	3/4	1,141.47	3/4	741.87	3/4	341.98	3/4		3/4		3/4	
6	2,732.79	6	2,332.84	6	1,932.89	6	1,532.94	6	1,133.15	6	733.54	6	333.65	6		6		6	
1/4	2,724.46	1/4	2,324.51	1/4	1,924.56	1/4	1,524.60	1/4	1,124.83	1/4	725.20	1/4	325.32	1/4		1/4		1/4	
1/2	2,716.12	1/2	2,316.17	1/2	1,916.22	1/2	1,516.27	1/2	1,116.51	1/2	716.87	1/2	316.99	1/2		1/2		1/2	
3/4	2,707.79	3/4	2,307.84	3/4	1,907.89	3/4	1,507.94	3/4	1,108.19	3/4	708.54	3/4	308.65	3/4		3/4		3/4	
7	2,699.46	7	2,299.51	7	1,899.56	7	1,499.61	7	1,099.88	7	700.22	7	300.32	7		7		7	
1/4	2,691.13	1/4	2,291.18	1/4	1,891.23	1/4	1,491.28	1/4	1,091.56	1/4	691.89	1/4	291.99	1/4		1/4		1/4	
1/2	2,682.79	1/2	2,282.84	1/2	1,882.89	1/2	1,482.94	1/2	1,083.24	1/2	683.56	1/2	283.66	1/2		1/2		1/2	
3/4	2,674.46	3/4	2,274.51	3/4	1,874.56	3/4	1,474.61	3/4	1,074.92	3/4	675.23	3/4	275.32	3/4		3/4		3/4	
8	2,666.13	8	2,266.18	8	1,866.23	8	1,466.28	8	1,066.60	8	666.91	8	266.99	8		8		8	
1/4	2,657.80	1/4	2,257.85	1/4	1,857.90	1/4	1,457.95	1/4	1,058.28	1/4	658.58	1/4	258.66	1/4		1/4		1/4	
1/2	2,649.47	1/2	2,249.51	1/2	1,849.56	1/2	1,449.61	1/2	1,049.97	1/2	650.26	1/2	250.33	1/2		1/2		1/2	
3/4	2,641.13	3/4	2,241.18	3/4	1,841.23	3/4	1,441.28	3/4	1,041.65	3/4	641.93	3/4	242.00	3/4		3/4		3/4	
9	2,632.80	9	2,232.85	9	1,832.90	9	1,432.95	9	1,033.33	9	633.60	9	233.66	9		9		9	
1/4	2,624.47	1/4	2,224.52	1/4	1,824.57	1/4	1,424.62	1/4	1,025.01	1/4	625.27	1/4	225.33	1/4		1/4		1/4	
1/2	2,616.14	1/2	2,216.19	1/2	1,816.24	1/2	1,416.28	1/2	1,016.69	1/2	616.95	1/2	217.00	1/2		1/2		1/2	
3/4	2,607.80	3/4	2,207.85	3/4	1,807.90	3/4	1,407.95	3/4	1,008.37	3/4	608.61	3/4	208.67	3/4		3/4		3/4	
10	2,599.47	10	2,199.52	10	1,799.57	10	1,399.62	10	1,000.05	10	600.28	10	200.34	10		10		10	
1/4	2,591.14	1/4	2,191.19	1/4	1,791.24	1/4	1,391.29	1/4	991.74	1/4	591.95	1/4	192.00	1/4		1/4		1/4	
1/2	2,582.81	1/2	2,182.86	1/2	1,782.91	1/2	1,382.96	1/2	983.42	1/2	583.62	1/2	183.67	1/2		1/2		1/2	
3/4	2,574.47	3/4	2,174.52	3/4	1,774.57	3/4	1,374.62	3/4	975.10	3/4	575.28	3/4	175.34	3/4		3/4		3/4	
11	2,566.14	11	2,166.19	11	1,766.24	11	1,366.29	11	966.78	11	566.95	11	167.01	11		11		11	
1/4	2,557.81	1/4	2,157.86	1/4	1,757.91	1/4	1,357.96	1/4	958.46	1/4	558.62	1/4	158.67	1/4		1/4		1/4	
1/2	2,549.48	1/2	2,149.53	1/2	1,749.58	1/2	1,349.63	1/2	950.14	1/2	550.29	1/2	150.34	1/2		1/2		1/2	
3/4	2,541.15	3/4	2,141.19	3/4	1,741.24	3/4	1,341.29	3/4	941.82	3/4	541.96	3/4	142.01	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/27/2014 CL
RECALCULATED: 05/21/2019 JS
VERIFIED: 05/06/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

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



BARGE "HTCO 3131"

2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17' 4 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	5,156.05	0	4,770.95	0	4,384.54	0	3,998.00	0	3,611.45	0	3,224.90
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,148.06	1/4	4,762.92	1/4	4,376.49	1/4	3,989.94	1/4	3,603.39	1/4	3,216.85
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,140.07	1/2	4,754.89	1/2	4,368.44	1/2	3,981.89	1/2	3,595.34	1/2	3,208.79
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,132.08	3/4	4,746.85	3/4	4,360.38	3/4	3,973.84	3/4	3,587.29	3/4	3,200.74
1	1	1	1	1	1	1	1	1	5,124.09	1	4,738.82	1	4,352.33	1	3,965.78	1	3,579.23	1	3,192.69
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,116.10	1/4	4,730.78	1/4	4,344.28	1/4	3,957.73	1/4	3,571.18	1/4	3,184.63
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,108.10	1/2	4,722.75	1/2	4,336.23	1/2	3,949.68	1/2	3,563.13	1/2	3,176.58
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,469.05	3/4	5,100.11	3/4	4,714.71	3/4	4,328.17	3/4	3,941.62	3/4	3,555.07
2	2	2	2	2	2	2	2	2	5,464.41	2	5,092.12	2	4,706.67	2	4,320.12	2	3,933.57	2	3,547.02
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,458.43	1/4	5,084.11	1/4	4,698.61	1/4	4,312.07	1/4	3,925.52	1/4	3,538.97
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,452.45	1/2	5,076.10	1/2	4,690.56	1/2	4,304.01	1/2	3,917.46	1/2	3,530.92
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,446.47	3/4	5,068.09	3/4	4,682.51	3/4	4,295.96	3/4	3,909.41	3/4	3,522.86
3	3	3	3	3	3	3	3	3	5,440.49	3	5,060.08	3	4,674.46	3	4,287.91	3	3,901.36	3	3,514.81
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,433.25	1/4	5,052.04	1/4	4,666.40	1/4	4,279.85	1/4	3,893.30	1/4	3,506.76
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,426.00	1/2	5,044.01	1/2	4,658.35	1/2	4,271.80	1/2	3,885.25	1/2	3,498.70
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,418.76	3/4	5,035.98	3/4	4,650.30	3/4	4,263.75	3/4	3,877.20	3/4	3,490.65
4	4	4	4	4	4	4	4	4	5,411.52	4	5,027.95	4	4,642.24	4	4,255.69	4	3,869.15	4	3,482.60
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,403.61	1/4	5,019.92	1/4	4,634.19	1/4	4,247.64	1/4	3,861.09	1/4	3,474.54
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,395.70	1/2	5,011.89	1/2	4,626.14	1/2	4,239.59	1/2	3,853.04	1/2	3,466.49
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,387.79	3/4	5,003.86	3/4	4,618.08	3/4	4,231.53	3/4	3,844.99	3/4	3,458.44
5	5	5	5	5	5	5	5	5	5,379.88	5	4,995.82	5	4,610.03	5	4,223.48	5	3,836.93	5	3,450.38
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,371.88	1/4	4,987.79	1/4	4,601.98	1/4	4,215.43	1/4	3,828.88	1/4	3,442.33
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,363.88	1/2	4,979.76	1/2	4,593.92	1/2	4,207.38	1/2	3,820.83	1/2	3,434.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,355.89	3/4	4,971.73	3/4	4,585.87	3/4	4,199.32	3/4	3,812.77	3/4	3,426.22
6	6	6	6	6	6	6	6	6	5,347.89	6	4,963.70	6	4,577.82	6	4,191.27	6	3,804.72	6	3,418.17
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,339.90	1/4	4,955.67	1/4	4,569.77	1/4	4,183.22	1/4	3,796.67	1/4	3,410.12
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,331.90	1/2	4,947.64	1/2	4,561.71	1/2	4,175.16	1/2	3,788.61	1/2	3,402.07
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,323.91	3/4	4,939.61	3/4	4,553.66	3/4	4,167.11	3/4	3,780.56	3/4	3,394.01
7	7	7	7	7	7	7	7	7	5,315.91	7	4,931.57	7	4,545.61	7	4,159.06	7	3,772.51	7	3,385.96
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,307.91	1/4	4,923.54	1/4	4,537.55	1/4	4,151.00	1/4	3,764.46	1/4	3,377.91
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,299.92	1/2	4,915.51	1/2	4,529.50	1/2	4,142.95	1/2	3,756.40	1/2	3,369.85
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,291.92	3/4	4,907.48	3/4	4,521.45	3/4	4,134.90	3/4	3,748.35	3/4	3,361.80
8	8	8	8	8	8	8	8	8	5,283.93	8	4,899.45	8	4,513.39	8	4,126.84	8	3,740.30	8	3,353.75
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,275.93	1/4	4,891.42	1/4	4,505.34	1/4	4,118.79	1/4	3,732.24	1/4	3,345.69
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,267.94	1/2	4,883.39	1/2	4,497.29	1/2	4,110.74	1/2	3,724.19	1/2	3,337.64
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,259.95	3/4	4,875.36	3/4	4,489.23	3/4	4,102.69	3/4	3,716.14	3/4	3,329.59
9	9	9	9	9	9	9	9	9	5,251.95	9	4,867.32	9	4,481.18	9	4,094.63	9	3,708.08	9	3,321.53
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,243.96	1/4	4,859.29	1/4	4,473.13	1/4	4,086.58	1/4	3,700.03	1/4	3,313.48
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,235.97	1/2	4,851.26	1/2	4,465.07	1/2	4,078.53	1/2	3,691.98	1/2	3,305.43
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,227.98	3/4	4,843.23	3/4	4,457.02	3/4	4,070.47	3/4	3,683.92	3/4	3,297.38
10	10	10	10	10	10	10	10	10	5,219.99	10	4,835.20	10	4,448.97	10	4,062.42	10	3,675.87	10	3,289.32
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,212.00	1/4	4,827.17	1/4	4,440.92	1/4	4,054.37	1/4	3,667.82	1/4	3,281.27
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,204.00	1/2	4,819.14	1/2	4,432.86	1/2	4,046.31	1/2	3,659.76	1/2	3,273.22
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,196.01	3/4	4,811.11	3/4	4,424.81	3/4	4,038.26	3/4	3,651.71	3/4	3,265.16
11	11	11	11	11	11	11	11	11	5,188.02	11	4,803.07	11	4,416.76	11	4,030.21	11	3,643.66	11	3,257.11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,180.03	1/4	4,795.04	1/4	4,408.70	1/4	4,022.15	1/4	3,635.61	1/4	3,249.06
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,172.04	1/2	4,787.01	1/2	4,400.65	1/2	4,014.10	1/2	3,627.55	1/2	3,241.00
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,164.05	3/4	4,778.98	3/4	4,392.60	3/4	4,006.05	3/4	3,619.50	3/4	3,232.95

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 CLOSED GAUGING DEVICE

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 52'-10" FORWARD OF AFT BULKHEAD.

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

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



BARGE "HTCO 3131"

2 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17' 4 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,838.18	0	2,451.44	0	2,064.70	0	1,677.95	0	1,291.21	0	918.23	0	532.11	0	145.39	0		0	
1/4	2,830.12	1/4	2,443.38	1/4	2,056.64	1/4	1,669.90	1/4	1,283.30	1/4	910.33	1/4	524.06	1/4	137.33	1/4		1/4	
1/2	2,822.06	1/2	2,435.32	1/2	2,048.58	1/2	1,661.84	1/2	1,275.38	1/2	902.42	1/2	516.00	1/2	129.27	1/2		1/2	
3/4	2,814.01	3/4	2,427.26	3/4	2,040.52	3/4	1,653.78	3/4	1,267.47	3/4	894.52	3/4	507.94	3/4	121.22	3/4		3/4	
1	2,805.95	1	2,419.21	1	2,032.47	1	1,645.73	1	1,259.55	1	886.61	1	499.89	1	113.16	1		1	
1/4	2,797.89	1/4	2,411.15	1/4	2,024.41	1/4	1,637.67	1/4	1,251.78	1/4	878.56	1/4	491.83	1/4	105.10	1/4		1/4	
1/2	2,789.83	1/2	2,403.09	1/2	2,016.35	1/2	1,629.61	1/2	1,244.00	1/2	870.50	1/2	483.77	1/2	97.05	1/2		1/2	
3/4	2,781.78	3/4	2,395.04	3/4	2,008.30	3/4	1,621.55	3/4	1,236.23	3/4	862.44	3/4	475.72	3/4	88.99	3/4		3/4	
2	2,773.72	2	2,386.98	2	2,000.24	2	1,613.50	2	1,228.45	2	854.39	2	467.66	2	80.93	2		2	
1/4	2,765.66	1/4	2,378.92	1/4	1,992.18	1/4	1,605.44	1/4	1,220.69	1/4	846.33	1/4	459.60	1/4	73.38	1/4		1/4	
1/2	2,757.61	1/2	2,370.87	1/2	1,984.12	1/2	1,597.38	1/2	1,212.92	1/2	838.27	1/2	451.55	1/2	65.83	1/2		1/2	
3/4	2,749.55	3/4	2,362.81	3/4	1,976.07	3/4	1,589.33	3/4	1,205.15	3/4	830.21	3/4	443.49	3/4	58.27	3/4		3/4	
3	2,741.49	3	2,354.75	3	1,968.01	3	1,581.27	3	1,197.38	3	822.16	3	435.43	3	50.72	3		3	
1/4	2,733.43	1/4	2,346.69	1/4	1,959.95	1/4	1,573.21	1/4	1,189.62	1/4	814.10	1/4	427.37	1/4	44.68	1/4		1/4	
1/2	2,725.38	1/2	2,338.64	1/2	1,951.90	1/2	1,565.16	1/2	1,181.86	1/2	806.04	1/2	419.32	1/2	38.63	1/2		1/2	
3/4	2,717.32	3/4	2,330.58	3/4	1,943.84	3/4	1,557.10	3/4	1,174.10	3/4	797.99	3/4	411.26	3/4	32.59	3/4		3/4	
4	2,709.26	4	2,322.52	4	1,935.78	4	1,549.04	4	1,166.34	4	789.93	4	403.20	4	26.55	4		4	
1/4	2,701.21	1/4	2,314.47	1/4	1,927.72	1/4	1,540.98	1/4	1,158.59	1/4	781.87	1/4	395.15	1/4	22.52	1/4		1/4	
1/2	2,693.15	1/2	2,306.41	1/2	1,919.67	1/2	1,532.93	1/2	1,150.83	1/2	773.82	1/2	387.09	1/2		1/2		1/2	
3/4	2,685.09	3/4	2,298.35	3/4	1,911.61	3/4	1,524.87	3/4	1,143.07	3/4	765.76	3/4	379.03	3/4		3/4		3/4	
5	2,677.03	5	2,290.29	5	1,903.55	5	1,516.81	5	1,135.32	5	757.70	5	370.98	5		5		5	
1/4	2,668.98	1/4	2,282.24	1/4	1,895.50	1/4	1,508.76	1/4	1,127.57	1/4	749.65	1/4	362.92	1/4		1/4		1/4	
1/2	2,660.92	1/2	2,274.18	1/2	1,887.44	1/2	1,500.70	1/2	1,119.81	1/2	741.59	1/2	354.86	1/2		1/2		1/2	
3/4	2,652.86	3/4	2,266.12	3/4	1,879.38	3/4	1,492.64	3/4	1,112.06	3/4	733.53	3/4	346.81	3/4		3/4		3/4	
6	2,644.81	6	2,258.07	6	1,871.32	6	1,484.58	6	1,104.31	6	725.48	6	338.75	6		6		6	
1/4	2,636.75	1/4	2,250.01	1/4	1,863.27	1/4	1,476.53	1/4	1,096.55	1/4	717.42	1/4	330.69	1/4		1/4		1/4	
1/2	2,628.69	1/2	2,241.95	1/2	1,855.21	1/2	1,468.47	1/2	1,088.80	1/2	709.36	1/2	322.64	1/2		1/2		1/2	
3/4	2,620.64	3/4	2,233.89	3/4	1,847.15	3/4	1,460.41	3/4	1,081.05	3/4	701.31	3/4	314.58	3/4		3/4		3/4	
7	2,612.58	7	2,225.84	7	1,839.10	7	1,452.36	7	1,073.29	7	693.25	7	306.52	7		7		7	
1/4	2,604.52	1/4	2,217.78	1/4	1,831.04	1/4	1,444.30	1/4	1,065.54	1/4	685.19	1/4	298.47	1/4		1/4		1/4	
1/2	2,596.46	1/2	2,209.72	1/2	1,822.98	1/2	1,436.24	1/2	1,057.79	1/2	677.14	1/2	290.41	1/2		1/2		1/2	
3/4	2,588.41	3/4	2,201.67	3/4	1,814.93	3/4	1,428.18	3/4	1,050.04	3/4	669.08	3/4	282.35	3/4		3/4		3/4	
8	2,580.35	8	2,193.61	8	1,806.87	8	1,420.13	8	1,042.28	8	661.02	8	274.30	8		8		8	
1/4	2,572.29	1/4	2,185.55	1/4	1,798.81	1/4	1,412.07	1/4	1,034.53	1/4	652.97	1/4	266.24	1/4		1/4		1/4	
1/2	2,564.24	1/2	2,177.49	1/2	1,790.75	1/2	1,404.01	1/2	1,026.78	1/2	644.91	1/2	258.18	1/2		1/2		1/2	
3/4	2,556.18	3/4	2,169.44	3/4	1,782.70	3/4	1,395.96	3/4	1,019.02	3/4	636.85	3/4	250.13	3/4		3/4		3/4	
9	2,548.12	9	2,161.38	9	1,774.64	9	1,387.90	9	1,011.27	9	628.79	9	242.07	9		9		9	
1/4	2,540.06	1/4	2,153.32	1/4	1,766.58	1/4	1,379.84	1/4	1,003.52	1/4	620.74	1/4	234.01	1/4		1/4		1/4	
1/2	2,532.01	1/2	2,145.27	1/2	1,758.53	1/2	1,371.78	1/2	995.76	1/2	612.68	1/2	225.95	1/2		1/2		1/2	
3/4	2,523.95	3/4	2,137.21	3/4	1,750.47	3/4	1,363.73	3/4	988.01	3/4	604.62	3/4	217.90	3/4		3/4		3/4	
10	2,515.89	10	2,129.15	10	1,742.41	10	1,355.67	10	980.26	10	596.57	10	209.84	10		10		10	
1/4	2,507.84	1/4	2,121.10	1/4	1,734.35	1/4	1,347.61	1/4	972.51	1/4	588.51	1/4	201.78	1/4		1/4		1/4	
1/2	2,499.78	1/2	2,113.04	1/2	1,726.30	1/2	1,339.56	1/2	964.75	1/2	580.45	1/2	193.73	1/2		1/2		1/2	
3/4	2,491.72	3/4	2,104.98	3/4	1,718.24	3/4	1,331.50	3/4	957.00	3/4	572.40	3/4	185.67	3/4		3/4		3/4	
11	2,483.66	11	2,096.92	11	1,710.18	11	1,323.44	11	949.25	11	564.34	11	177.61	11		11		11	
1/4	2,475.61	1/4	2,088.87	1/4	1,702.13	1/4	1,315.39	1/4	941.49	1/4	556.28	1/4	169.56	1/4		1/4		1/4	
1/2	2,467.55	1/2	2,080.81	1/2	1,694.07	1/2	1,307.33	1/2	933.74	1/2	548.23	1/2	161.50	1/2		1/2		1/2	
3/4	2,459.49	3/4	2,072.75	3/4	1,686.01	3/4	1,299.27	3/4	925.99	3/4	540.17	3/4	153.44	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/27/2014 CL
RECALCULATED: 05/21/2019 JS
VERIFIED: 05/06/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

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



BARGE "HTCO 3131"

2 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17' 4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0		0		0	5,162.55	0	4,777.36	0	4,390.89	0	4,004.29	0	3,617.70	0	3,231.11		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,154.55	1/4	4,769.32	1/4	4,382.83	1/4	3,996.24	1/4	3,609.65	1/4	3,223.05		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,146.56	1/2	4,761.29	1/2	4,374.78	1/2	3,988.19	1/2	3,601.59	1/2	3,214.99		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,138.57	3/4	4,753.26	3/4	4,366.72	3/4	3,980.13	3/4	3,593.54	3/4	3,206.93		
1		1		1		1		1	5,130.58	1	4,745.22	1	4,358.67	1	3,972.08	1	3,585.49	1	3,198.87		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,122.58	1/4	4,737.18	1/4	4,350.62	1/4	3,964.02	1/4	3,577.43	1/4	3,190.81		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,483.56	1/2	5,114.59	1/2	4,729.14	1/2	4,342.56	1/2	3,955.97	1/2	3,569.38	1/2	3,182.75
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,478.92	3/4	5,106.60	3/4	4,721.10	3/4	4,334.51	3/4	3,947.92	3/4	3,561.32	3/4	3,174.70
2		2		2		2		2	5,472.94	2	5,098.59	2	4,713.05	2	4,326.45	2	3,939.86	2	3,553.27	2	3,166.64
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,466.96	1/4	5,090.57	1/4	4,704.99	1/4	4,318.40	1/4	3,931.81	1/4	3,545.22	1/4	3,158.58
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,460.98	1/2	5,082.56	1/2	4,696.94	1/2	4,310.35	1/2	3,923.75	1/2	3,537.16	1/2	3,150.52
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,454.99	3/4	5,074.55	3/4	4,688.88	3/4	4,302.29	3/4	3,915.70	3/4	3,529.11	3/4	3,142.47
3		3		3		3		3	5,447.75	3	5,066.52	3	4,680.83	3	4,294.24	3	3,907.65	3	3,521.05	3	3,134.41
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,440.51	1/4	5,058.48	1/4	4,672.78	1/4	4,286.18	1/4	3,899.59	1/4	3,513.00	1/4	3,126.35
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,433.27	1/2	5,050.45	1/2	4,664.72	1/2	4,278.13	1/2	3,891.54	1/2	3,504.95	1/2	3,118.29
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,426.03	3/4	5,042.42	3/4	4,656.67	3/4	4,270.08	3/4	3,883.48	3/4	3,496.89	3/4	3,110.23
4		4		4		4		4	5,418.12	4	5,034.39	4	4,648.61	4	4,262.02	4	3,875.43	4	3,488.84	4	3,102.18
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,410.21	1/4	5,026.35	1/4	4,640.56	1/4	4,253.97	1/4	3,867.38	1/4	3,480.78	1/4	3,094.12
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,402.30	1/2	5,018.32	1/2	4,632.51	1/2	4,245.91	1/2	3,859.32	1/2	3,472.73	1/2	3,086.06
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,394.38	3/4	5,010.29	3/4	4,624.45	3/4	4,237.86	3/4	3,851.27	3/4	3,464.68	3/4	3,078.00
5		5		5		5		5	5,386.39	5	5,002.26	5	4,616.40	5	4,229.81	5	3,843.21	5	3,456.62	5	3,069.94
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,378.39	1/4	4,994.23	1/4	4,608.34	1/4	4,221.75	1/4	3,835.16	1/4	3,448.57	1/4	3,061.89
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,370.39	1/2	4,986.19	1/2	4,600.29	1/2	4,213.70	1/2	3,827.11	1/2	3,440.51	1/2	3,053.83
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,362.40	3/4	4,978.16	3/4	4,592.24	3/4	4,205.64	3/4	3,819.05	3/4	3,432.46	3/4	3,045.77
6		6		6		6		6	5,354.40	6	4,970.13	6	4,584.18	6	4,197.59	6	3,811.00	6	3,424.41	6	3,037.71
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,346.41	1/4	4,962.10	1/4	4,576.13	1/4	4,189.54	1/4	3,802.94	1/4	3,416.35	1/4	3,029.65
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,338.41	1/2	4,954.06	1/2	4,568.07	1/2	4,181.48	1/2	3,794.89	1/2	3,408.30	1/2	3,021.60
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,330.41	3/4	4,946.03	3/4	4,560.02	3/4	4,173.43	3/4	3,786.84	3/4	3,400.24	3/4	3,013.54
7		7		7		7		7	5,322.42	7	4,938.00	7	4,551.97	7	4,165.37	7	3,778.78	7	3,392.19	7	3,005.48
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,314.42	1/4	4,929.97	1/4	4,543.91	1/4	4,157.32	1/4	3,770.73	1/4	3,384.14	1/4	2,997.42
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,306.42	1/2	4,921.94	1/2	4,535.86	1/2	4,149.27	1/2	3,762.67	1/2	3,376.08	1/2	2,989.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,298.43	3/4	4,913.90	3/4	4,527.80	3/4	4,141.21	3/4	3,754.62	3/4	3,368.03	3/4	2,981.31
8		8		8		8		8	5,290.43	8	4,905.87	8	4,519.75	8	4,133.16	8	3,746.57	8	3,359.97	8	2,973.25
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,282.44	1/4	4,897.84	1/4	4,511.70	1/4	4,125.10	1/4	3,738.51	1/4	3,351.92	1/4	2,965.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,274.44	1/2	4,889.81	1/2	4,503.64	1/2	4,117.05	1/2	3,730.46	1/2	3,343.87	1/2	2,957.13
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,266.45	3/4	4,881.77	3/4	4,495.59	3/4	4,109.00	3/4	3,722.40	3/4	3,335.81	3/4	2,949.08
9		9		9		9		9	5,258.46	9	4,873.74	9	4,487.53	9	4,100.94	9	3,714.35	9	3,327.76	9	2,941.02
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,250.46	1/4	4,865.71	1/4	4,479.48	1/4	4,092.89	1/4	3,706.30	1/4	3,319.70	1/4	2,932.96
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,242.47	1/2	4,857.68	1/2	4,471.43	1/2	4,084.83	1/2	3,698.24	1/2	3,311.65	1/2	2,924.90
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,234.48	3/4	4,849.65	3/4	4,463.37	3/4	4,076.78	3/4	3,690.19	3/4	3,303.60	3/4	2,916.84
10		10		10		10		10	5,226.49	10	4,841.61	10	4,455.32	10	4,068.73	10	3,682.13	10	3,295.54	10	2,908.79
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,218.49	1/4	4,833.58	1/4	4,447.26	1/4	4,060.67	1/4	3,674.08	1/4	3,287.49	1/4	2,900.73
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,210.50	1/2	4,825.55	1/2	4,439.21	1/2	4,052.62	1/2	3,666.03	1/2	3,279.43	1/2	2,892.67
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,202.51	3/4	4,817.52	3/4	4,431.16	3/4	4,044.56	3/4	3,657.97	3/4	3,271.38	3/4	2,884.61
11		11		11		11		11	5,194.52	11	4,809.49	11	4,423.10	11	4,036.51	11	3,649.92	11	3,263.33	11	2,876.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,186.52	1/4	4,801.45	1/4	4,415.05	1/4	4,028.46	1/4	3,641.86	1/4	3,255.27	1/4	2,868.50
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,178.53	1/2	4,793.42	1/2	4,406.99	1/2	4,020.40	1/2	3,633.81	1/2	3,247.22	1/2	2,860.44
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,170.54	3/4	4,785.39	3/4	4,398.94	3/4	4,012.35	3/4	3,625.76	3/4	3,239.16	3/4	2,852.38

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 CLOSED GAUGING DEVICE

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 52'-10" FORWARD OF AFT BULKHEAD.

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

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



BARGE "HTCO 3131"

2 STBD
ULLAGE TABLE
HERMETIC
GAUGE HEIGHT 17' 4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,844.32	0	2,457.54	0	2,070.76	0	1,683.99	0	1,297.21	0	910.86	0	524.11	0	137.34	0		0	
1/4	2,836.27	1/4	2,449.49	1/4	2,062.71	1/4	1,675.93	1/4	1,289.15	1/4	902.81	1/4	516.05	1/4	129.28	1/4		1/4	
1/2	2,828.21	1/2	2,441.43	1/2	2,054.65	1/2	1,667.87	1/2	1,281.09	1/2	894.76	1/2	508.00	1/2	121.23	1/2		1/2	
3/4	2,820.15	3/4	2,433.37	3/4	2,046.59	3/4	1,659.81	3/4	1,273.03	3/4	886.71	3/4	499.94	3/4	113.17	3/4		3/4	
1	2,812.09	1	2,425.31	1	2,038.53	1	1,651.75	1	1,264.97	1	878.65	1	491.88	1	105.11	1		1	
1/4	2,804.03	1/4	2,417.25	1/4	2,030.48	1/4	1,643.70	1/4	1,256.92	1/4	870.59	1/4	483.82	1/4	97.05	1/4		1/4	
1/2	2,795.98	1/2	2,409.20	1/2	2,022.42	1/2	1,635.64	1/2	1,248.86	1/2	862.54	1/2	475.77	1/2	89.00	1/2		1/2	
3/4	2,787.92	3/4	2,401.14	3/4	2,014.36	3/4	1,627.58	3/4	1,240.80	3/4	854.48	3/4	467.71	3/4	80.94	3/4		3/4	
2	2,779.86	2	2,393.08	2	2,006.30	2	1,619.52	2	1,232.75	2	846.42	2	459.65	2	73.38	2		2	
1/4	2,771.80	1/4	2,385.02	1/4	1,998.24	1/4	1,611.46	1/4	1,224.69	1/4	838.36	1/4	451.59	1/4	65.83	1/4		1/4	
1/2	2,763.74	1/2	2,376.96	1/2	1,990.19	1/2	1,603.41	1/2	1,216.64	1/2	830.30	1/2	443.53	1/2	58.28	1/2		1/2	
3/4	2,755.69	3/4	2,368.91	3/4	1,982.13	3/4	1,595.35	3/4	1,208.58	3/4	822.25	3/4	435.48	3/4	50.72	3/4		3/4	
3	2,747.63	3	2,360.85	3	1,974.07	3	1,587.29	3	1,200.53	3	814.19	3	427.42	3	44.68	3		3	
1/4	2,739.57	1/4	2,352.79	1/4	1,966.01	1/4	1,579.23	1/4	1,192.48	1/4	806.13	1/4	419.36	1/4	38.64	1/4		1/4	
1/2	2,731.51	1/2	2,344.73	1/2	1,957.95	1/2	1,571.17	1/2	1,184.42	1/2	798.07	1/2	411.30	1/2	32.59	1/2		1/2	
3/4	2,723.45	3/4	2,336.68	3/4	1,949.90	3/4	1,563.12	3/4	1,176.37	3/4	790.02	3/4	403.25	3/4	26.55	3/4		3/4	
4	2,715.40	4	2,328.62	4	1,941.84	4	1,555.06	4	1,168.32	4	781.96	4	395.19	4	22.52	4		4	
1/4	2,707.34	1/4	2,320.56	1/4	1,933.78	1/4	1,547.00	1/4	1,160.28	1/4	773.90	1/4	387.13	1/4		1/4		1/4	
1/2	2,699.28	1/2	2,312.50	1/2	1,925.72	1/2	1,538.94	1/2	1,152.23	1/2	765.84	1/2	379.07	1/2		1/2		1/2	
3/4	2,691.22	3/4	2,304.44	3/4	1,917.66	3/4	1,530.89	3/4	1,144.18	3/4	757.78	3/4	371.02	3/4		3/4		3/4	
5	2,683.17	5	2,296.39	5	1,909.61	5	1,522.83	5	1,136.13	5	749.73	5	362.96	5		5		5	
1/4	2,675.11	1/4	2,288.33	1/4	1,901.55	1/4	1,514.77	1/4	1,128.09	1/4	741.67	1/4	354.90	1/4		1/4		1/4	
1/2	2,667.05	1/2	2,280.27	1/2	1,893.49	1/2	1,506.71	1/2	1,120.04	1/2	733.61	1/2	346.84	1/2		1/2		1/2	
3/4	2,658.99	3/4	2,272.21	3/4	1,885.43	3/4	1,498.65	3/4	1,112.00	3/4	725.55	3/4	338.78	3/4		3/4		3/4	
6	2,650.93	6	2,264.15	6	1,877.38	6	1,490.60	6	1,103.95	6	717.50	6	330.73	6		6		6	
1/4	2,642.88	1/4	2,256.10	1/4	1,869.32	1/4	1,482.54	1/4	1,095.91	1/4	709.44	1/4	322.67	1/4		1/4		1/4	
1/2	2,634.82	1/2	2,248.04	1/2	1,861.26	1/2	1,474.48	1/2	1,087.86	1/2	701.38	1/2	314.61	1/2		1/2		1/2	
3/4	2,626.76	3/4	2,239.98	3/4	1,853.20	3/4	1,466.42	3/4	1,079.82	3/4	693.32	3/4	306.55	3/4		3/4		3/4	
7	2,618.70	7	2,231.92	7	1,845.14	7	1,458.36	7	1,071.77	7	685.27	7	298.50	7		7		7	
1/4	2,610.64	1/4	2,223.86	1/4	1,837.09	1/4	1,450.31	1/4	1,063.73	1/4	677.21	1/4	290.44	1/4		1/4		1/4	
1/2	2,602.59	1/2	2,215.81	1/2	1,829.03	1/2	1,442.25	1/2	1,055.68	1/2	669.15	1/2	282.38	1/2		1/2		1/2	
3/4	2,594.53	3/4	2,207.75	3/4	1,820.97	3/4	1,434.19	3/4	1,047.64	3/4	661.09	3/4	274.32	3/4		3/4		3/4	
8	2,586.47	8	2,199.69	8	1,812.91	8	1,426.13	8	1,039.59	8	653.03	8	266.27	8		8		8	
1/4	2,578.41	1/4	2,191.63	1/4	1,804.85	1/4	1,418.07	1/4	1,031.55	1/4	644.98	1/4	258.21	1/4		1/4		1/4	
1/2	2,570.35	1/2	2,183.58	1/2	1,796.80	1/2	1,410.02	1/2	1,023.50	1/2	636.92	1/2	250.15	1/2		1/2		1/2	
3/4	2,562.30	3/4	2,175.52	3/4	1,788.74	3/4	1,401.96	3/4	1,015.46	3/4	628.86	3/4	242.09	3/4		3/4		3/4	
9	2,554.24	9	2,167.46	9	1,780.68	9	1,393.90	9	1,007.41	9	620.80	9	234.03	9		9		9	
1/4	2,546.18	1/4	2,159.40	1/4	1,772.62	1/4	1,385.84	1/4	999.37	1/4	612.75	1/4	225.98	1/4		1/4		1/4	
1/2	2,538.12	1/2	2,151.34	1/2	1,764.56	1/2	1,377.79	1/2	991.32	1/2	604.69	1/2	217.92	1/2		1/2		1/2	
3/4	2,530.06	3/4	2,143.29	3/4	1,756.51	3/4	1,369.73	3/4	983.28	3/4	596.63	3/4	209.86	3/4		3/4		3/4	
10	2,522.01	10	2,135.23	10	1,748.45	10	1,361.67	10	975.23	10	588.57	10	201.80	10		10		10	
1/4	2,513.95	1/4	2,127.17	1/4	1,740.39	1/4	1,353.61	1/4	967.19	1/4	580.52	1/4	193.75	1/4		1/4		1/4	
1/2	2,505.89	1/2	2,119.11	1/2	1,732.33	1/2	1,345.55	1/2	959.14	1/2	572.46	1/2	185.69	1/2		1/2		1/2	
3/4	2,497.83	3/4	2,111.05	3/4	1,724.27	3/4	1,337.50	3/4	951.10	3/4	564.40	3/4	177.63	3/4		3/4		3/4	
11	2,489.78	11	2,103.00	11	1,716.22	11	1,329.44	11	943.05	11	556.34	11	169.57	11		11		11	
1/4	2,481.72	1/4	2,094.94	1/4	1,708.16	1/4	1,321.38	1/4	935.01	1/4	548.28	1/4	161.52	1/4		1/4		1/4	
1/2	2,473.66	1/2	2,086.88	1/2	1,700.10	1/2	1,313.32	1/2	926.96	1/2	540.23	1/2	153.46	1/2		1/2		1/2	
3/4	2,465.60	3/4	2,078.82	3/4	1,692.04	3/4	1,305.26	3/4	918.92	3/4	532.17	3/4	145.40	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/27/2014 CL
RECALCULATED: 05/21/2019 JS
VERIFIED: 05/06/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

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



BARGE "HTCO 3131"

3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17' 3 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	4,735.85	0	4,461.20	0	4,185.70	0	3,910.14	0	3,576.36	0	3,192.21
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,730.15	1/4	4,455.47	1/4	4,179.95	1/4	3,904.40	1/4	3,568.38	1/4	3,184.20
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,724.45	1/2	4,449.75	1/2	4,174.21	1/2	3,898.66	1/2	3,560.39	1/2	3,176.19
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,718.75	3/4	4,444.01	3/4	4,168.47	3/4	3,892.91	3/4	3,552.40	3/4	3,168.18
1	1	1	1	1	1	1	1	1	4,713.05	1	4,438.28	1	4,162.73	1	3,887.17	1	3,544.42	1	3,160.18
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,966.25	1/4	4,707.35	1/4	4,432.54	1/4	4,156.99	1/4	3,881.43	1/4	3,536.43
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,963.90	1/2	4,701.65	1/2	4,426.81	1/2	4,151.25	1/2	3,875.69	1/2	3,528.45
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,960.20	3/4	4,695.94	3/4	4,421.07	3/4	4,145.51	3/4	3,869.95	3/4	3,520.45
2	2	2	2	2	2	2	2	2	4,956.51	2	4,690.23	2	4,415.33	2	4,139.77	2	3,864.21	2	3,512.45
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,952.81	1/4	4,684.51	1/4	4,409.59	1/4	4,134.03	1/4	3,858.47	1/4	3,504.46
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,949.12	1/2	4,678.80	1/2	4,403.85	1/2	4,128.29	1/2	3,852.73	1/2	3,496.46
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,944.17	3/4	4,673.08	3/4	4,398.11	3/4	4,122.55	3/4	3,846.99	3/4	3,488.46
3	3	3	3	3	3	3	3	3	4,939.23	3	4,667.35	3	4,392.36	3	4,116.81	3	3,841.25	3	3,480.45
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,934.28	1/4	4,661.62	1/4	4,386.62	1/4	4,111.07	1/4	3,835.51	1/4	3,472.44
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,929.33	1/2	4,655.90	1/2	4,380.88	1/2	4,105.32	1/2	3,829.77	1/2	3,464.44
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,923.71	3/4	4,650.17	3/4	4,375.14	3/4	4,099.58	3/4	3,824.04	3/4	3,456.43
4	4	4	4	4	4	4	4	4	4,918.09	4	4,644.44	4	4,369.40	4	4,093.84	4	3,818.31	4	3,448.42
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,912.48	1/4	4,638.72	1/4	4,363.66	1/4	4,088.10	1/4	3,812.59	1/4	3,440.42
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,906.86	1/2	4,632.99	1/2	4,357.92	1/2	4,082.36	1/2	3,806.86	1/2	3,432.41
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,901.16	3/4	4,627.26	3/4	4,352.18	3/4	4,076.62	3/4	3,800.58	3/4	3,424.40
5	5	5	5	5	5	5	5	5	4,895.46	5	4,621.54	5	4,346.44	5	4,070.88	5	3,794.30	5	3,416.40
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,889.75	1/4	4,615.81	1/4	4,340.70	1/4	4,065.14	1/4	3,788.01	1/4	3,408.39
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,884.05	1/2	4,610.08	1/2	4,334.96	1/2	4,059.40	1/2	3,781.73	1/2	3,400.38
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,878.35	3/4	4,604.36	3/4	4,329.22	3/4	4,053.66	3/4	3,774.31	3/4	3,392.38
6	6	6	6	6	6	6	6	6	4,872.65	6	4,598.63	6	4,323.47	6	4,047.92	6	3,766.89	6	3,384.37
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,866.95	1/4	4,592.91	1/4	4,317.73	1/4	4,042.18	1/4	3,759.47	1/4	3,376.36
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,861.25	1/2	4,587.18	1/2	4,311.99	1/2	4,036.43	1/2	3,752.05	1/2	3,368.36
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,855.54	3/4	4,581.45	3/4	4,306.25	3/4	4,030.69	3/4	3,744.06	3/4	3,360.35
7	7	7	7	7	7	7	7	7	4,849.84	7	4,575.73	7	4,300.51	7	4,024.95	7	3,736.08	7	3,352.34
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,844.14	1/4	4,570.00	1/4	4,294.77	1/4	4,019.21	1/4	3,728.09	1/4	3,344.34
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,838.44	1/2	4,564.27	1/2	4,289.03	1/2	4,013.47	1/2	3,720.11	1/2	3,336.33
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,832.74	3/4	4,558.55	3/4	4,283.29	3/4	4,007.73	3/4	3,712.12	3/4	3,328.33
8	8	8	8	8	8	8	8	8	4,827.04	8	4,552.82	8	4,277.55	8	4,001.99	8	3,704.13	8	3,320.32
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,821.34	1/4	4,547.09	1/4	4,271.81	1/4	3,996.25	1/4	3,696.15	1/4	3,312.31
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,815.64	1/2	4,541.37	1/2	4,266.07	1/2	3,990.51	1/2	3,688.16	1/2	3,304.31
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,809.94	3/4	4,535.64	3/4	4,260.33	3/4	3,984.77	3/4	3,680.18	3/4	3,296.30
9	9	9	9	9	9	9	9	9	4,804.24	9	4,529.92	9	4,254.59	9	3,979.03	9	3,672.19	9	3,288.29
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,798.54	1/4	4,524.19	1/4	4,248.84	1/4	3,973.29	1/4	3,664.21	1/4	3,280.29
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,792.84	1/2	4,518.46	1/2	4,243.10	1/2	3,967.55	1/2	3,656.22	1/2	3,272.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,787.14	3/4	4,512.74	3/4	4,237.36	3/4	3,961.80	3/4	3,648.23	3/4	3,264.27
10	10	10	10	10	10	10	10	10	4,781.44	10	4,507.01	10	4,231.62	10	3,956.06	10	3,640.25	10	3,256.27
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,775.74	1/4	4,501.28	1/4	4,225.88	1/4	3,950.32	1/4	3,632.26	1/4	3,248.26
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,770.04	1/2	4,495.56	1/2	4,220.14	1/2	3,944.58	1/2	3,624.28	1/2	3,240.25
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,764.34	3/4	4,489.83	3/4	4,214.40	3/4	3,938.84	3/4	3,616.29	3/4	3,232.25
11	11	11	11	11	11	11	11	11	4,758.65	11	4,484.10	11	4,208.66	11	3,933.10	11	3,608.30	11	3,224.24
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,752.95	1/4	4,478.38	1/4	4,202.92	1/4	3,927.36	1/4	3,600.32	1/4	3,216.23
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,747.25	1/2	4,472.65	1/2	4,197.18	1/2	3,921.62	1/2	3,592.33	1/2	3,208.23
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,741.55	3/4	4,466.92	3/4	4,191.44	3/4	3,915.88	3/4	3,584.35	3/4	3,200.22

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 CLOSED GAUGING DEVICE"
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 45'-8" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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



BARGE "HTCO 3131"

3 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17' 3 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,807.77	0	2,424.24	0	2,042.36	0	1,657.64	0	1,273.05	0	898.58	0	513.83	0	128.86	0		0	
1/4	2,799.76	1/4	2,416.27	1/4	2,034.38	1/4	1,649.62	1/4	1,265.14	1/4	890.68	1/4	505.81	1/4	120.84	1/4		1/4	
1/2	2,791.74	1/2	2,408.30	1/2	2,026.39	1/2	1,641.60	1/2	1,257.23	1/2	882.78	1/2	497.79	1/2	112.81	1/2		1/2	
3/4	2,783.73	3/4	2,400.35	3/4	2,018.38	3/4	1,633.59	3/4	1,249.42	3/4	874.76	3/4	489.77	3/4	104.78	3/4		3/4	
1	2,775.71	1	2,392.40	1	2,010.36	1	1,625.57	1	1,241.61	1	866.73	1	481.75	1	96.75	1		1	
1/4	2,767.69	1/4	2,384.44	1/4	2,002.34	1/4	1,617.55	1/4	1,233.81	1/4	858.71	1/4	473.73	1/4	88.72	1/4		1/4	
1/2	2,759.68	1/2	2,376.49	1/2	1,994.33	1/2	1,609.54	1/2	1,226.00	1/2	850.69	1/2	465.71	1/2	80.69	1/2		1/2	
3/4	2,751.66	3/4	2,368.54	3/4	1,986.31	3/4	1,601.52	3/4	1,218.20	3/4	842.67	3/4	457.69	3/4	73.16	3/4		3/4	
2	2,743.64	2	2,360.58	2	1,978.30	2	1,593.50	2	1,210.40	2	834.65	2	449.67	2	65.63	2		2	
1/4	2,735.63	1/4	2,352.63	1/4	1,970.28	1/4	1,585.49	1/4	1,202.60	1/4	826.63	1/4	441.65	1/4	58.10	1/4		1/4	
1/2	2,727.61	1/2	2,344.67	1/2	1,962.26	1/2	1,577.47	1/2	1,194.80	1/2	818.61	1/2	433.63	1/2	50.57	1/2		1/2	
3/4	2,719.60	3/4	2,336.72	3/4	1,954.25	3/4	1,569.45	3/4	1,187.00	3/4	810.59	3/4	425.61	3/4	44.55	3/4		3/4	
3	2,711.58	3	2,328.77	3	1,946.23	3	1,561.44	3	1,179.21	3	802.57	3	417.59	3	38.52	3		3	
1/4	2,703.56	1/4	2,320.81	1/4	1,938.21	1/4	1,553.42	1/4	1,171.41	1/4	794.55	1/4	409.57	1/4	32.50	1/4		1/4	
1/2	2,695.55	1/2	2,312.86	1/2	1,930.20	1/2	1,545.40	1/2	1,163.61	1/2	786.53	1/2	401.55	1/2	26.47	1/2		1/2	
3/4	2,687.55	3/4	2,304.90	3/4	1,922.18	3/4	1,537.39	3/4	1,155.82	3/4	778.51	3/4	393.53	3/4	22.46	3/4		3/4	
4	2,679.55	4	2,296.95	4	1,914.16	4	1,529.37	4	1,148.03	4	770.49	4	385.52	4		4		4	
1/4	2,671.55	1/4	2,289.00	1/4	1,906.15	1/4	1,521.35	1/4	1,140.24	1/4	762.47	1/4	377.50	1/4		1/4		1/4	
1/2	2,663.56	1/2	2,281.04	1/2	1,898.13	1/2	1,513.34	1/2	1,132.45	1/2	754.45	1/2	369.48	1/2		1/2		1/2	
3/4	2,655.58	3/4	2,273.09	3/4	1,890.11	3/4	1,505.32	3/4	1,124.66	3/4	746.42	3/4	361.46	3/4		3/4		3/4	
5	2,647.60	5	2,265.13	5	1,882.10	5	1,497.31	5	1,116.87	5	738.40	5	353.44	5		5		5	
1/4	2,639.62	1/4	2,257.18	1/4	1,874.08	1/4	1,489.29	1/4	1,109.09	1/4	730.38	1/4	345.42	1/4		1/4		1/4	
1/2	2,631.65	1/2	2,249.23	1/2	1,866.06	1/2	1,481.27	1/2	1,101.30	1/2	722.36	1/2	337.40	1/2		1/2		1/2	
3/4	2,623.67	3/4	2,241.27	3/4	1,858.05	3/4	1,473.26	3/4	1,093.51	3/4	714.34	3/4	329.38	3/4		3/4		3/4	
6	2,615.69	6	2,233.32	6	1,850.03	6	1,465.24	6	1,085.72	6	706.32	6	321.36	6		6		6	
1/4	2,607.71	1/4	2,225.36	1/4	1,842.01	1/4	1,457.22	1/4	1,077.93	1/4	698.30	1/4	313.34	1/4		1/4		1/4	
1/2	2,599.73	1/2	2,217.41	1/2	1,834.00	1/2	1,449.21	1/2	1,070.15	1/2	690.28	1/2	305.32	1/2		1/2		1/2	
3/4	2,591.75	3/4	2,209.46	3/4	1,825.98	3/4	1,441.19	3/4	1,062.36	3/4	682.26	3/4	297.30	3/4		3/4		3/4	
7	2,583.78	7	2,201.50	7	1,817.97	7	1,433.17	7	1,054.57	7	674.24	7	289.28	7		7		7	
1/4	2,575.80	1/4	2,193.55	1/4	1,809.95	1/4	1,425.16	1/4	1,046.78	1/4	666.22	1/4	281.26	1/4		1/4		1/4	
1/2	2,567.82	1/2	2,185.60	1/2	1,801.93	1/2	1,417.14	1/2	1,039.00	1/2	658.20	1/2	273.25	1/2		1/2		1/2	
3/4	2,559.84	3/4	2,177.64	3/4	1,793.92	3/4	1,409.12	3/4	1,031.21	3/4	650.18	3/4	265.23	3/4		3/4		3/4	
8	2,551.86	8	2,169.69	8	1,785.90	8	1,401.11	8	1,023.42	8	642.16	8	257.21	8		8		8	
1/4	2,543.88	1/4	2,161.73	1/4	1,777.88	1/4	1,393.09	1/4	1,015.63	1/4	634.13	1/4	249.19	1/4		1/4		1/4	
1/2	2,535.91	1/2	2,153.78	1/2	1,769.87	1/2	1,385.07	1/2	1,007.84	1/2	626.11	1/2	241.17	1/2		1/2		1/2	
3/4	2,527.93	3/4	2,145.83	3/4	1,761.85	3/4	1,377.06	3/4	1,000.06	3/4	618.09	3/4	233.14	3/4		3/4		3/4	
9	2,519.95	9	2,137.87	9	1,753.83	9	1,369.04	9	992.27	9	610.07	9	225.12	9		9		9	
1/4	2,511.97	1/4	2,129.92	1/4	1,745.82	1/4	1,361.02	1/4	984.48	1/4	602.05	1/4	217.10	1/4		1/4		1/4	
1/2	2,503.99	1/2	2,121.96	1/2	1,737.80	1/2	1,353.01	1/2	976.69	1/2	594.03	1/2	209.08	1/2		1/2		1/2	
3/4	2,496.02	3/4	2,114.01	3/4	1,729.78	3/4	1,344.99	3/4	968.90	3/4	586.01	3/4	201.06	3/4		3/4		3/4	
10	2,488.04	10	2,106.06	10	1,721.77	10	1,336.98	10	961.12	10	577.99	10	193.04	10		10		10	
1/4	2,480.06	1/4	2,098.10	1/4	1,713.75	1/4	1,328.96	1/4	953.33	1/4	569.97	1/4	185.02	1/4		1/4		1/4	
1/2	2,472.08	1/2	2,090.15	1/2	1,705.73	1/2	1,320.94	1/2	945.54	1/2	561.95	1/2	177.00	1/2		1/2		1/2	
3/4	2,464.10	3/4	2,082.19	3/4	1,697.72	3/4	1,312.93	3/4	937.75	3/4	553.93	3/4	168.98	3/4		3/4		3/4	
11	2,456.12	11	2,074.24	11	1,689.70	11	1,304.91	11	929.97	11	545.91	11	160.95	11		11		11	
1/4	2,448.15	1/4	2,066.29	1/4	1,681.68	1/4	1,296.89	1/4	922.18	1/4	537.89	1/4	152.93	1/4		1/4		1/4	
1/2	2,440.17	1/2	2,058.33	1/2	1,673.67	1/2	1,288.88	1/2	914.39	1/2	529.87	1/2	144.91	1/2		1/2		1/2	
3/4	2,432.20	3/4	2,050.35	3/4	1,665.65	3/4	1,280.96	3/4	906.49	3/4	521.85	3/4	136.89	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/27/2014 CL
RECALCULATED: 05/21/2019 JS
VERIFIED: 05/06/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

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



BARGE "HTCO 3131"

3 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17' 3 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	4,755.62	0	4,481.09	0	4,205.70	0	3,930.26	0	3,596.18	0	3,211.39
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,749.92	1/4	4,475.36	1/4	4,199.96	1/4	3,924.52	1/4	3,588.18	1/4	3,203.37
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,744.23	1/2	4,469.64	1/2	4,194.22	1/2	3,918.78	1/2	3,580.19	1/2	3,195.35
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,738.53	3/4	4,463.91	3/4	4,188.48	3/4	3,913.04	3/4	3,572.19	3/4	3,187.32
1	1	1	1	1	1	1	1	1	4,732.83	1	4,458.17	1	4,182.74	1	3,907.31	1	3,564.19	1	3,179.30
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,985.93	1/4	4,727.14	1/4	4,452.44	1/4	4,177.01	1/4	3,901.57	1/4	3,556.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,983.58	1/2	4,721.44	1/2	4,446.71	1/2	4,171.27	1/2	3,895.83	1/2	3,548.19
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,979.88	3/4	4,715.73	3/4	4,440.97	3/4	4,165.53	3/4	3,890.09	3/4	3,540.18
2	2	2	2	2	2	2	2	2	4,976.19	2	4,710.02	2	4,435.23	2	4,159.79	2	3,884.35	2	3,532.17
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,972.50	1/4	4,704.31	1/4	4,429.49	1/4	4,154.05	1/4	3,878.61	1/4	3,524.16
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,968.81	1/2	4,698.60	1/2	4,423.75	1/2	4,148.32	1/2	3,872.88	1/2	3,516.15
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,963.86	3/4	4,692.87	3/4	4,418.02	3/4	4,142.58	3/4	3,867.14	3/4	3,508.13
3	3	3	3	3	3	3	3	3	4,958.92	3	4,687.15	3	4,412.28	3	4,136.84	3	3,861.40	3	3,500.11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,953.97	1/4	4,681.43	1/4	4,406.54	1/4	4,131.10	1/4	3,855.66	1/4	3,492.09
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,949.02	1/2	4,675.70	1/2	4,400.80	1/2	4,125.36	1/2	3,849.92	1/2	3,484.07
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,943.41	3/4	4,669.98	3/4	4,395.06	3/4	4,119.62	3/4	3,844.20	3/4	3,476.05
4	4	4	4	4	4	4	4	4	4,937.79	4	4,664.25	4	4,389.32	4	4,113.89	4	3,838.47	4	3,468.03
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,932.17	1/4	4,658.53	1/4	4,383.59	1/4	4,108.15	1/4	3,832.75	1/4	3,460.01
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,926.56	1/2	4,652.81	1/2	4,377.85	1/2	4,102.41	1/2	3,827.02	1/2	3,451.99
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,920.86	3/4	4,647.08	3/4	4,372.11	3/4	4,096.67	3/4	3,820.74	3/4	3,443.97
5	5	5	5	5	5	5	5	5	4,915.16	5	4,641.36	5	4,366.37	5	4,090.93	5	3,814.45	5	3,435.95
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,909.46	1/4	4,635.63	1/4	4,360.63	1/4	4,085.19	1/4	3,808.17	1/4	3,427.93
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,903.76	1/2	4,629.91	1/2	4,354.89	1/2	4,079.46	1/2	3,801.88	1/2	3,419.91
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,898.06	3/4	4,624.19	3/4	4,349.16	3/4	4,073.72	3/4	3,794.45	3/4	3,411.89
6	6	6	6	6	6	6	6	6	4,892.36	6	4,618.46	6	4,343.42	6	4,067.98	6	3,787.03	6	3,403.87
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,886.66	1/4	4,612.74	1/4	4,337.68	1/4	4,062.24	1/4	3,779.60	1/4	3,395.85
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,880.96	1/2	4,607.01	1/2	4,331.94	1/2	4,056.50	1/2	3,772.17	1/2	3,387.83
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,875.26	3/4	4,601.29	3/4	4,326.20	3/4	4,050.76	3/4	3,764.17	3/4	3,379.81
7	7	7	7	7	7	7	7	7	4,869.56	7	4,595.57	7	4,320.46	7	4,045.03	7	3,756.17	7	3,371.79
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,863.87	1/4	4,589.84	1/4	4,314.73	1/4	4,039.29	1/4	3,748.17	1/4	3,363.77
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,858.17	1/2	4,584.12	1/2	4,308.99	1/2	4,033.55	1/2	3,740.17	1/2	3,355.75
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,852.47	3/4	4,578.39	3/4	4,303.25	3/4	4,027.81	3/4	3,732.17	3/4	3,347.73
8	8	8	8	8	8	8	8	8	4,846.77	8	4,572.67	8	4,297.51	8	4,022.07	8	3,724.17	8	3,339.71
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,841.07	1/4	4,566.95	1/4	4,291.77	1/4	4,016.33	1/4	3,716.17	1/4	3,331.69
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,835.37	1/2	4,561.22	1/2	4,286.03	1/2	4,010.60	1/2	3,708.18	1/2	3,323.67
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,829.68	3/4	4,555.50	3/4	4,280.30	3/4	4,004.86	3/4	3,700.18	3/4	3,315.65
9	9	9	9	9	9	9	9	9	4,823.98	9	4,549.77	9	4,274.56	9	3,999.12	9	3,692.18	9	3,307.63
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,818.28	1/4	4,544.05	1/4	4,268.82	1/4	3,993.38	1/4	3,684.18	1/4	3,299.61
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,812.59	1/2	4,538.33	1/2	4,263.08	1/2	3,987.64	1/2	3,676.18	1/2	3,291.59
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,806.89	3/4	4,532.60	3/4	4,257.34	3/4	3,981.90	3/4	3,668.18	3/4	3,283.57
10	10	10	10	10	10	10	10	10	4,801.19	10	4,526.88	10	4,251.60	10	3,976.17	10	3,660.18	10	3,275.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,795.50	1/4	4,521.15	1/4	4,245.87	1/4	3,970.43	1/4	3,652.18	1/4	3,267.53
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,789.80	1/2	4,515.43	1/2	4,240.13	1/2	3,964.69	1/2	3,644.18	1/2	3,259.51
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,784.10	3/4	4,509.71	3/4	4,234.39	3/4	3,958.95	3/4	3,636.18	3/4	3,251.49
11	11	11	11	11	11	11	11	11	4,778.41	11	4,503.98	11	4,228.65	11	3,953.21	11	3,628.18	11	3,243.47
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,772.71	1/4	4,498.26	1/4	4,222.91	1/4	3,947.47	1/4	3,620.18	1/4	3,235.45
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,767.01	1/2	4,492.53	1/2	4,217.17	1/2	3,941.74	1/2	3,612.18	1/2	3,227.43
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,761.32	3/4	4,486.81	3/4	4,211.44	3/4	3,936.00	3/4	3,604.18	3/4	3,219.41

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 CLOSED GAUGING DEVICE

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 45'-8" FORWARD OF AFT BULKHEAD.

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

Pearland, Texas 77588
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BARGE "HTCO 3131"

3 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17' 3 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	2,826.29	0	2,440.86	0	2,055.43	0	1,670.00	0	1,284.56	0	899.66	0	514.26	0	128.83	0		0	
1/4	2,818.26	1/4	2,432.83	1/4	2,047.40	1/4	1,661.97	1/4	1,276.53	1/4	891.64	1/4	506.23	1/4	120.80	1/4		1/4	
1/2	2,810.23	1/2	2,424.80	1/2	2,039.37	1/2	1,653.94	1/2	1,268.51	1/2	883.62	1/2	498.20	1/2	112.78	1/2		1/2	
3/4	2,802.20	3/4	2,416.77	3/4	2,031.34	3/4	1,645.91	3/4	1,260.48	3/4	875.59	3/4	490.17	3/4	104.75	3/4		3/4	
1	2,794.17	1	2,408.74	1	2,023.31	1	1,637.88	1	1,252.45	1	867.56	1	482.14	1	96.72	1		1	
1/4	2,786.14	1/4	2,400.71	1/4	2,015.28	1/4	1,629.85	1/4	1,244.42	1/4	859.53	1/4	474.11	1/4	88.69	1/4		1/4	
1/2	2,778.11	1/2	2,392.68	1/2	2,007.25	1/2	1,621.82	1/2	1,236.39	1/2	851.50	1/2	466.08	1/2	80.66	1/2		1/2	
3/4	2,770.08	3/4	2,384.65	3/4	1,999.22	3/4	1,613.79	3/4	1,228.36	3/4	843.47	3/4	458.05	3/4	73.13	3/4		3/4	
2	2,762.05	2	2,376.62	2	1,991.19	2	1,605.76	2	1,220.33	2	835.44	2	450.02	2	65.60	2		2	
1/4	2,754.02	1/4	2,368.59	1/4	1,983.16	1/4	1,597.73	1/4	1,212.31	1/4	827.41	1/4	441.99	1/4	58.07	1/4		1/4	
1/2	2,745.99	1/2	2,360.56	1/2	1,975.13	1/2	1,589.70	1/2	1,204.28	1/2	819.38	1/2	433.96	1/2	50.55	1/2		1/2	
3/4	2,737.96	3/4	2,352.53	3/4	1,967.10	3/4	1,581.67	3/4	1,196.26	3/4	811.35	3/4	425.93	3/4	44.52	3/4		3/4	
3	2,729.93	3	2,344.50	3	1,959.07	3	1,573.64	3	1,188.24	3	803.32	3	417.90	3	38.50	3		3	
1/4	2,721.90	1/4	2,336.47	1/4	1,951.04	1/4	1,565.61	1/4	1,180.22	1/4	795.29	1/4	409.87	1/4	32.48	1/4		1/4	
1/2	2,713.87	1/2	2,328.44	1/2	1,943.01	1/2	1,557.58	1/2	1,172.19	1/2	787.26	1/2	401.84	1/2	26.46	1/2		1/2	
3/4	2,705.84	3/4	2,320.41	3/4	1,934.98	3/4	1,549.55	3/4	1,164.18	3/4	779.23	3/4	393.81	3/4	22.44	3/4		3/4	
4	2,697.81	4	2,312.38	4	1,926.95	4	1,541.52	4	1,156.16	4	771.20	4	385.78	4		4		4	
1/4	2,689.78	1/4	2,304.35	1/4	1,918.92	1/4	1,533.49	1/4	1,148.14	1/4	763.17	1/4	377.75	1/4		1/4		1/4	
1/2	2,681.75	1/2	2,296.32	1/2	1,910.89	1/2	1,525.46	1/2	1,140.12	1/2	755.14	1/2	369.72	1/2		1/2		1/2	
3/4	2,673.72	3/4	2,288.29	3/4	1,902.86	3/4	1,517.43	3/4	1,132.11	3/4	747.11	3/4	361.69	3/4		3/4		3/4	
5	2,665.69	5	2,280.26	5	1,894.83	5	1,509.40	5	1,124.09	5	739.08	5	353.66	5		5		5	
1/4	2,657.66	1/4	2,272.23	1/4	1,886.80	1/4	1,501.37	1/4	1,116.08	1/4	731.05	1/4	345.63	1/4		1/4		1/4	
1/2	2,649.63	1/2	2,264.20	1/2	1,878.77	1/2	1,493.34	1/2	1,108.06	1/2	723.02	1/2	337.60	1/2		1/2		1/2	
3/4	2,641.60	3/4	2,256.17	3/4	1,870.74	3/4	1,485.31	3/4	1,100.05	3/4	715.00	3/4	329.57	3/4		3/4		3/4	
6	2,633.57	6	2,248.14	6	1,862.71	6	1,477.28	6	1,092.03	6	706.97	6	321.54	6		6		6	
1/4	2,625.54	1/4	2,240.11	1/4	1,854.68	1/4	1,469.25	1/4	1,084.02	1/4	698.94	1/4	313.52	1/4		1/4		1/4	
1/2	2,617.51	1/2	2,232.08	1/2	1,846.65	1/2	1,461.22	1/2	1,076.00	1/2	690.91	1/2	305.49	1/2		1/2		1/2	
3/4	2,609.48	3/4	2,224.05	3/4	1,838.62	3/4	1,453.19	3/4	1,067.99	3/4	682.88	3/4	297.46	3/4		3/4		3/4	
7	2,601.45	7	2,216.02	7	1,830.59	7	1,445.16	7	1,059.97	7	674.85	7	289.43	7		7		7	
1/4	2,593.42	1/4	2,207.99	1/4	1,822.56	1/4	1,437.13	1/4	1,051.96	1/4	666.82	1/4	281.40	1/4		1/4		1/4	
1/2	2,585.39	1/2	2,199.96	1/2	1,814.53	1/2	1,429.10	1/2	1,043.95	1/2	658.79	1/2	273.37	1/2		1/2		1/2	
3/4	2,577.36	3/4	2,191.93	3/4	1,806.50	3/4	1,421.07	3/4	1,035.93	3/4	650.76	3/4	265.34	3/4		3/4		3/4	
8	2,569.33	8	2,183.90	8	1,798.47	8	1,413.04	8	1,027.92	8	642.73	8	257.31	8		8		8	
1/4	2,561.30	1/4	2,175.87	1/4	1,790.44	1/4	1,405.01	1/4	1,019.90	1/4	634.70	1/4	249.28	1/4		1/4		1/4	
1/2	2,553.27	1/2	2,167.84	1/2	1,782.41	1/2	1,396.98	1/2	1,011.89	1/2	626.67	1/2	241.25	1/2		1/2		1/2	
3/4	2,545.24	3/4	2,159.81	3/4	1,774.38	3/4	1,388.95	3/4	1,003.87	3/4	618.64	3/4	233.22	3/4		3/4		3/4	
9	2,537.21	9	2,151.78	9	1,766.35	9	1,380.92	9	995.86	9	610.61	9	225.19	9		9		9	
1/4	2,529.18	1/4	2,143.75	1/4	1,758.32	1/4	1,372.89	1/4	987.84	1/4	602.58	1/4	217.16	1/4		1/4		1/4	
1/2	2,521.15	1/2	2,135.72	1/2	1,750.29	1/2	1,364.86	1/2	979.83	1/2	594.55	1/2	209.13	1/2		1/2		1/2	
3/4	2,513.12	3/4	2,127.69	3/4	1,742.26	3/4	1,356.83	3/4	971.81	3/4	586.52	3/4	201.10	3/4		3/4		3/4	
10	2,505.09	10	2,119.66	10	1,734.23	10	1,348.80	10	963.80	10	578.49	10	193.07	10		10		10	
1/4	2,497.06	1/4	2,111.63	1/4	1,726.20	1/4	1,340.77	1/4	955.78	1/4	570.46	1/4	185.04	1/4		1/4		1/4	
1/2	2,489.03	1/2	2,103.60	1/2	1,718.17	1/2	1,332.74	1/2	947.77	1/2	562.43	1/2	177.01	1/2		1/2		1/2	
3/4	2,481.00	3/4	2,095.57	3/4	1,710.14	3/4	1,324.71	3/4	939.75	3/4	554.40	3/4	168.98	3/4		3/4		3/4	
11	2,472.98	11	2,087.54	11	1,702.11	11	1,316.68	11	931.74	11	546.37	11	160.95	11		11		11	
1/4	2,464.95	1/4	2,079.51	1/4	1,694.08	1/4	1,308.65	1/4	923.72	1/4	538.34	1/4	152.92	1/4		1/4		1/4	
1/2	2,456.92	1/2	2,071.49	1/2	1,686.05	1/2	1,300.62	1/2	915.71	1/2	530.31	1/2	144.89	1/2		1/2		1/2	
3/4	2,448.89	3/4	2,063.46	3/4	1,678.02	3/4	1,292.59	3/4	907.69	3/4	522.28	3/4	136.86	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/27/2014 CL
RECALCULATED: 05/21/2019 JS
VERIFIED: 05/06/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

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



BARGE "HTCO 3131"

AFT SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	449	0	898	0	1,347	0	1,795	0		0		0		0		0	
1/4	9	1/4	458	1/4	907	1/4	1,356	1/4	1,805	1/4		1/4		1/4		1/4		1/4	
1/2	19	1/2	468	1/2	917	1/2	1,365	1/2	1,814	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	477	3/4	926	3/4	1,375	3/4	1,824	3/4		3/4		3/4		3/4		3/4	
1	37	1	486	1	935	1	1,384	1	1,833	1		1		1		1		1	
1/4	47	1/4	496	1/4	945	1/4	1,393	1/4	1,842	1/4		1/4		1/4		1/4		1/4	
1/2	56	1/2	505	1/2	954	1/2	1,403	1/2	1,852	1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	514	3/4	963	3/4	1,412	3/4	1,861	3/4		3/4		3/4		3/4		3/4	
2	75	2	524	2	973	2	1,421	2	1,870	2		2		2		2		2	
1/4	84	1/4	533	1/4	982	1/4	1,431	1/4	1,880	1/4		1/4		1/4		1/4		1/4	
1/2	94	1/2	542	1/2	991	1/2	1,440	1/2	1,889	1/2		1/2		1/2		1/2		1/2	
3/4	103	3/4	552	3/4	1,001	3/4	1,450	3/4	1,898	3/4		3/4		3/4		3/4		3/4	
3	112	3	561	3	1,010	3	1,459	3	1,908	3		3		3		3		3	
1/4	122	1/4	571	1/4	1,019	1/4	1,468	1/4	1,917	1/4		1/4		1/4		1/4		1/4	
1/2	131	1/2	580	1/2	1,029	1/2	1,478	1/2	1,926	1/2		1/2		1/2		1/2		1/2	
3/4	140	3/4	589	3/4	1,038	3/4	1,487	3/4	1,936	3/4		3/4		3/4		3/4		3/4	
4	150	4	599	4	1,047	4	1,496	4	1,945	4		4		4		4		4	
1/4	159	1/4	608	1/4	1,057	1/4	1,506	1/4	1,954	1/4		1/4		1/4		1/4		1/4	
1/2	168	1/2	617	1/2	1,066	1/2	1,515	1/2	1,964	1/2		1/2		1/2		1/2		1/2	
3/4	178	3/4	627	3/4	1,075	3/4	1,524	3/4	1,973	3/4		3/4		3/4		3/4		3/4	
5	187	5	636	5	1,085	5	1,534	5	1,982	5		5		5		5		5	
1/4	197	1/4	645	1/4	1,094	1/4	1,543	1/4	1,992	1/4		1/4		1/4		1/4		1/4	
1/2	206	1/2	655	1/2	1,104	1/2	1,552	1/2	2,001	1/2		1/2		1/2		1/2		1/2	
3/4	215	3/4	664	3/4	1,113	3/4	1,562	3/4	2,011	3/4		3/4		3/4		3/4		3/4	
6	225	6	673	6	1,122	6	1,571	6	2,020	6		6		6		6		6	
1/4	234	1/4	683	1/4	1,132	1/4	1,580	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	243	1/2	692	1/2	1,141	1/2	1,590	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	253	3/4	701	3/4	1,150	3/4	1,599	3/4		3/4		3/4		3/4		3/4		3/4	
7	262	7	711	7	1,160	7	1,608	7		7		7		7		7		7	
1/4	271	1/4	720	1/4	1,169	1/4	1,618	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	281	1/2	730	1/2	1,178	1/2	1,627	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	290	3/4	739	3/4	1,188	3/4	1,637	3/4		3/4		3/4		3/4		3/4		3/4	
8	299	8	748	8	1,197	8	1,646	8		8		8		8		8		8	
1/4	309	1/4	758	1/4	1,206	1/4	1,655	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	318	1/2	767	1/2	1,216	1/2	1,665	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	327	3/4	776	3/4	1,225	3/4	1,674	3/4		3/4		3/4		3/4		3/4		3/4	
9	337	9	786	9	1,234	9	1,683	9		9		9		9		9		9	
1/4	346	1/4	795	1/4	1,244	1/4	1,693	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	355	1/2	804	1/2	1,253	1/2	1,702	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	365	3/4	814	3/4	1,262	3/4	1,711	3/4		3/4		3/4		3/4		3/4		3/4	
10	374	10	823	10	1,272	10	1,721	10		10		10		10		10		10	
1/4	384	1/4	832	1/4	1,281	1/4	1,730	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	393	1/2	842	1/2	1,291	1/2	1,739	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	402	3/4	851	3/4	1,300	3/4	1,749	3/4		3/4		3/4		3/4		3/4		3/4	
11	412	11	860	11	1,309	11	1,758	11		11		11		11		11		11	
1/4	421	1/4	870	1/4	1,319	1/4	1,767	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	430	1/2	879	1/2	1,328	1/2	1,777	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	440	3/4	888	3/4	1,337	3/4	1,786	3/4		3/4		3/4		3/4		3/4		3/4	

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

STRAPPED: 03/11/2014 CL
CALCULATED: 03/11/2014 CL
VERIFIED: 05/06/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "HTCO 3131"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 3'-09 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	120	0	298	0	456	0		0		0		0		0		0	
1/4	1	1/4	123	1/4	302	1/4	459	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2	1/2	127	1/2	305	1/2	461	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3	3/4	130	3/4	309	3/4	463	3/4		3/4		3/4		3/4		3/4		3/4	
1	3	1	134	1	313	1	466	1		1		1		1		1		1	
1/4	5	1/4	137	1/4	316	1/4	468	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	6	1/2	141	1/2	320	1/2	470	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	8	3/4	144	3/4	324	3/4	472	3/4		3/4		3/4		3/4		3/4		3/4	
2	9	2	148	2	327	2	475	2		2		2		2		2		2	
1/4	11	1/4	152	1/4	331	1/4	477	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	13	1/2	155	1/2	335	1/2	478	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	15	3/4	159	3/4	338	3/4	480	3/4		3/4		3/4		3/4		3/4		3/4	
3	16	3	162	3	342	3	482	3		3		3		3		3		3	
1/4	19	1/4	166	1/4	346	1/4	484	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	21	1/2	170	1/2	349	1/2	485	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	23	3/4	173	3/4	353	3/4	487	3/4		3/4		3/4		3/4		3/4		3/4	
4	25	4	177	4	356	4	488	4		4		4		4		4		4	
1/4	27	1/4	181	1/4	360	1/4	489	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	30	1/2	185	1/2	363	1/2	490	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	32	3/4	188	3/4	367	3/4	491	3/4		3/4		3/4		3/4		3/4		3/4	
5	35	5	192	5	370	5	492	5		5		5		5		5		5	
1/4	37	1/4	196	1/4	374	1/4	493	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	40	1/2	200	1/2	377	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	42	3/4	203	3/4	381	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	45	6	207	6	384	6		6		6		6		6		6		6	
1/4	48	1/4	211	1/4	387	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	51	1/2	215	1/2	391	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	53	3/4	218	3/4	394	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	56	7	222	7	397	7		7		7		7		7		7		7	
1/4	59	1/4	226	1/4	401	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	62	1/2	230	1/2	404	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	234	3/4	407	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	68	8	237	8	410	8		8		8		8		8		8		8	
1/4	71	1/4	241	1/4	413	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	74	1/2	245	1/2	416	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	77	3/4	249	3/4	420	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	80	9	252	9	423	9		9		9		9		9		9		9	
1/4	83	1/4	256	1/4	426	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	87	1/2	260	1/2	429	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	90	3/4	264	3/4	432	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	93	10	268	10	434	10		10		10		10		10		10		10	
1/4	96	1/4	271	1/4	437	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	100	1/2	275	1/2	440	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	103	3/4	279	3/4	443	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	106	11	283	11	446	11		11		11		11		11		11		11	
1/4	110	1/4	287	1/4	448	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113	1/2	290	1/2	451	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	116	3/4	294	3/4	454	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

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

STRAPPED: 03/11/2014 CL
CALCULATED: 03/11/2014 CL
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CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HTCO 3131"

FWD SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	449	0	898	0	1,347	0	1,795	0		0		0		0		0	
1/4	9	1/4	458	1/4	907	1/4	1,356	1/4	1,805	1/4		1/4		1/4		1/4		1/4	
1/2	19	1/2	468	1/2	917	1/2	1,365	1/2	1,814	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	477	3/4	926	3/4	1,375	3/4	1,824	3/4		3/4		3/4		3/4		3/4	
1	37	1	486	1	935	1	1,384	1	1,833	1		1		1		1		1	
1/4	47	1/4	496	1/4	945	1/4	1,393	1/4	1,842	1/4		1/4		1/4		1/4		1/4	
1/2	56	1/2	505	1/2	954	1/2	1,403	1/2	1,852	1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	514	3/4	963	3/4	1,412	3/4	1,861	3/4		3/4		3/4		3/4		3/4	
2	75	2	524	2	973	2	1,421	2	1,870	2		2		2		2		2	
1/4	84	1/4	533	1/4	982	1/4	1,431	1/4	1,880	1/4		1/4		1/4		1/4		1/4	
1/2	94	1/2	542	1/2	991	1/2	1,440	1/2	1,889	1/2		1/2		1/2		1/2		1/2	
3/4	103	3/4	552	3/4	1,001	3/4	1,450	3/4	1,898	3/4		3/4		3/4		3/4		3/4	
3	112	3	561	3	1,010	3	1,459	3	1,908	3		3		3		3		3	
1/4	122	1/4	571	1/4	1,019	1/4	1,468	1/4	1,917	1/4		1/4		1/4		1/4		1/4	
1/2	131	1/2	580	1/2	1,029	1/2	1,478	1/2	1,926	1/2		1/2		1/2		1/2		1/2	
3/4	140	3/4	589	3/4	1,038	3/4	1,487	3/4	1,936	3/4		3/4		3/4		3/4		3/4	
4	150	4	599	4	1,047	4	1,496	4	1,945	4		4		4		4		4	
1/4	159	1/4	608	1/4	1,057	1/4	1,506	1/4	1,954	1/4		1/4		1/4		1/4		1/4	
1/2	168	1/2	617	1/2	1,066	1/2	1,515	1/2	1,964	1/2		1/2		1/2		1/2		1/2	
3/4	178	3/4	627	3/4	1,075	3/4	1,524	3/4	1,973	3/4		3/4		3/4		3/4		3/4	
5	187	5	636	5	1,085	5	1,534	5	1,982	5		5		5		5		5	
1/4	197	1/4	645	1/4	1,094	1/4	1,543	1/4	1,992	1/4		1/4		1/4		1/4		1/4	
1/2	206	1/2	655	1/2	1,104	1/2	1,552	1/2	2,001	1/2		1/2		1/2		1/2		1/2	
3/4	215	3/4	664	3/4	1,113	3/4	1,562	3/4	2,011	3/4		3/4		3/4		3/4		3/4	
6	225	6	673	6	1,122	6	1,571	6	2,020	6		6		6		6		6	
1/4	234	1/4	683	1/4	1,132	1/4	1,580	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	243	1/2	692	1/2	1,141	1/2	1,590	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	253	3/4	701	3/4	1,150	3/4	1,599	3/4		3/4		3/4		3/4		3/4		3/4	
7	262	7	711	7	1,160	7	1,608	7		7		7		7		7		7	
1/4	271	1/4	720	1/4	1,169	1/4	1,618	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	281	1/2	730	1/2	1,178	1/2	1,627	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	290	3/4	739	3/4	1,188	3/4	1,637	3/4		3/4		3/4		3/4		3/4		3/4	
8	299	8	748	8	1,197	8	1,646	8		8		8		8		8		8	
1/4	309	1/4	758	1/4	1,206	1/4	1,655	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	318	1/2	767	1/2	1,216	1/2	1,665	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	327	3/4	776	3/4	1,225	3/4	1,674	3/4		3/4		3/4		3/4		3/4		3/4	
9	337	9	786	9	1,234	9	1,683	9		9		9		9		9		9	
1/4	346	1/4	795	1/4	1,244	1/4	1,693	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	355	1/2	804	1/2	1,253	1/2	1,702	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	365	3/4	814	3/4	1,262	3/4	1,711	3/4		3/4		3/4		3/4		3/4		3/4	
10	374	10	823	10	1,272	10	1,721	10		10		10		10		10		10	
1/4	384	1/4	832	1/4	1,281	1/4	1,730	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	393	1/2	842	1/2	1,291	1/2	1,739	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	402	3/4	851	3/4	1,300	3/4	1,749	3/4		3/4		3/4		3/4		3/4		3/4	
11	412	11	860	11	1,309	11	1,758	11		11		11		11		11		11	
1/4	421	1/4	870	1/4	1,319	1/4	1,767	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	430	1/2	879	1/2	1,328	1/2	1,777	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	440	3/4	888	3/4	1,337	3/4	1,786	3/4		3/4		3/4		3/4		3/4		3/4	

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

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