



# BARGE "H-539"

## ULLAGE TRIM TABLE

	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 CENTER	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4
2 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-4/8	00-4/8	- 00-3/4	00-3/4
3 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2

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

LENGTH BETWEEN DRAFT MARKS: 166'-06"

May 17, 2021

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "H-539"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-00 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0	3,420.89	0	3,217.66	0	2,994.01	0	2,770.35	0	2,543.85	0	2,287.27	0	2,030.61	0	1,773.94	0	1,517.40
1/4		1/4	3,420.00	1/4	3,213.00	1/4	2,989.35	1/4	2,765.69	1/4	2,538.59	1/4	2,281.93	1/4	2,025.26	1/4	1,768.59	1/4	1,512.08
1/2		1/2	3,418.03	1/2	3,208.34	1/2	2,984.69	1/2	2,761.03	1/2	2,533.24	1/2	2,276.58	1/2	2,019.91	1/2	1,763.25	1/2	1,506.75
3/4		3/4	3,416.06	3/4	3,203.68	3/4	2,980.03	3/4	2,756.37	3/4	2,527.90	3/4	2,271.23	3/4	2,014.57	3/4	1,757.90	3/4	1,501.42
1		1	3,414.09	1	3,199.02	1	2,975.37	1	2,751.71	1	2,522.55	1	2,265.88	1	2,009.22	1	1,752.55	1	1,496.10
1/4		1/4	3,412.12	1/4	3,194.36	1/4	2,970.71	1/4	2,747.05	1/4	2,517.20	1/4	2,260.54	1/4	2,003.87	1/4	1,747.21	1/4	1,490.77
1/2		1/2	3,408.71	1/2	3,189.70	1/2	2,966.05	1/2	2,742.39	1/2	2,511.85	1/2	2,255.19	1/2	1,998.52	1/2	1,741.86	1/2	1,485.45
3/4		3/4	3,405.30	3/4	3,185.04	3/4	2,961.39	3/4	2,737.73	3/4	2,506.51	3/4	2,249.84	3/4	1,993.18	3/4	1,736.51	3/4	1,480.12
2		2	3,401.90	2	3,180.39	2	2,956.73	2	2,733.07	2	2,501.16	2	2,244.49	2	1,987.83	2	1,731.16	2	1,474.79
1/4		1/4	3,398.49	1/4	3,175.73	1/4	2,952.07	1/4	2,728.41	1/4	2,495.81	1/4	2,239.15	1/4	1,982.48	1/4	1,725.82	1/4	1,469.47
1/2		1/2	3,394.05	1/2	3,171.07	1/2	2,947.41	1/2	2,723.75	1/2	2,490.47	1/2	2,233.80	1/2	1,977.13	1/2	1,720.47	1/2	1,464.14
3/4		3/4	3,389.62	3/4	3,166.41	3/4	2,942.75	3/4	2,719.09	3/4	2,485.12	3/4	2,228.45	3/4	1,971.79	3/4	1,715.12	3/4	1,458.82
3		3	3,385.18	3	3,161.75	3	2,938.09	3	2,714.44	3	2,479.77	3	2,223.11	3	1,966.44	3	1,709.77	3	1,453.49
1/4		1/4	3,380.74	1/4	3,157.09	1/4	2,933.43	1/4	2,709.78	1/4	2,474.42	1/4	2,217.76	1/4	1,961.09	1/4	1,704.43	1/4	1,448.17
1/2		1/2	3,376.08	1/2	3,152.43	1/2	2,928.77	1/2	2,705.12	1/2	2,469.08	1/2	2,212.41	1/2	1,955.75	1/2	1,699.08	1/2	1,442.84
3/4		3/4	3,371.42	3/4	3,147.77	3/4	2,924.11	3/4	2,700.46	3/4	2,463.73	3/4	2,207.06	3/4	1,950.40	3/4	1,693.73	3/4	1,437.51
4		4	3,366.77	4	3,143.11	4	2,919.45	4	2,695.80	4	2,458.38	4	2,201.72	4	1,945.05	4	1,688.39	4	1,432.19
1/4		1/4	3,362.11	1/4	3,138.45	1/4	2,914.79	1/4	2,691.14	1/4	2,453.04	1/4	2,196.37	1/4	1,939.70	1/4	1,683.04	1/4	1,426.86
1/2		1/2	3,357.45	1/2	3,133.79	1/2	2,910.13	1/2	2,686.48	1/2	2,447.69	1/2	2,191.02	1/2	1,934.36	1/2	1,677.69	1/2	1,421.54
3/4		3/4	3,352.79	3/4	3,129.13	3/4	2,905.47	3/4	2,681.82	3/4	2,442.34	3/4	2,185.68	3/4	1,929.01	3/4	1,672.34	3/4	1,416.21
5		5	3,348.13	5	3,124.47	5	2,900.82	5	2,677.16	5	2,436.99	5	2,180.33	5	1,923.66	5	1,667.00	5	1,410.89
1/4		1/4	3,343.47	1/4	3,119.81	1/4	2,896.16	1/4	2,672.50	1/4	2,431.65	1/4	2,174.98	1/4	1,918.32	1/4	1,661.65	1/4	1,405.56
1/2		1/2	3,338.81	1/2	3,115.15	1/2	2,891.50	1/2	2,667.84	1/2	2,426.30	1/2	2,169.63	1/2	1,912.97	1/2	1,656.30	1/2	1,400.23
3/4		3/4	3,334.15	3/4	3,110.49	3/4	2,886.84	3/4	2,663.18	3/4	2,420.95	3/4	2,164.29	3/4	1,907.62	3/4	1,650.96	3/4	1,394.91
6		6	3,329.49	6	3,105.83	6	2,882.18	6	2,658.52	6	2,415.61	6	2,158.94	6	1,902.27	6	1,645.61	6	1,389.58
1/4		1/4	3,324.83	1/4	3,101.17	1/4	2,877.52	1/4	2,653.86	1/4	2,410.26	1/4	2,153.59	1/4	1,896.93	1/4	1,640.26	1/4	1,384.26
1/2		1/2	3,320.17	1/2	3,096.51	1/2	2,872.86	1/2	2,649.20	1/2	2,404.91	1/2	2,148.25	1/2	1,891.58	1/2	1,634.91	1/2	1,378.93
3/4		3/4	3,315.51	3/4	3,091.85	3/4	2,868.20	3/4	2,644.54	3/4	2,399.56	3/4	2,142.90	3/4	1,886.23	3/4	1,629.57	3/4	1,373.60
7		7	3,310.85	7	3,087.20	7	2,863.54	7	2,639.88	7	2,394.22	7	2,137.55	7	1,880.89	7	1,624.22	7	1,368.28
1/4		1/4	3,306.19	1/4	3,082.54	1/4	2,858.88	1/4	2,635.22	1/4	2,388.87	1/4	2,132.20	1/4	1,875.54	1/4	1,618.87	1/4	1,362.95
1/2		1/2	3,301.53	1/2	3,077.88	1/2	2,854.22	1/2	2,630.56	1/2	2,383.52	1/2	2,126.86	1/2	1,870.19	1/2	1,613.53	1/2	1,357.63
3/4		3/4	3,296.87	3/4	3,073.22	3/4	2,849.56	3/4	2,625.90	3/4	2,378.17	3/4	2,121.51	3/4	1,864.84	3/4	1,608.18	3/4	1,352.30
8		8	3,292.21	8	3,068.56	8	2,844.90	8	2,621.25	8	2,372.83	8	2,116.16	8	1,859.50	8	1,602.83	8	1,346.98
1/4		1/4	3,287.55	1/4	3,063.90	1/4	2,840.24	1/4	2,616.59	1/4	2,367.48	1/4	2,110.81	1/4	1,854.15	1/4	1,597.48	1/4	1,341.65
1/2		1/2	3,282.89	1/2	3,059.24	1/2	2,835.58	1/2	2,611.93	1/2	2,362.13	1/2	2,105.47	1/2	1,848.80	1/2	1,592.14	1/2	1,336.31
3/4		3/4	3,278.23	3/4	3,054.58	3/4	2,830.92	3/4	2,607.27	3/4	2,356.79	3/4	2,100.12	3/4	1,843.45	3/4	1,586.79	3/4	1,330.97
9		9	3,273.58	9	3,049.92	9	2,826.26	9	2,602.61	9	2,351.44	9	2,094.77	9	1,838.11	9	1,581.44	9	1,325.63
1/4		1/4	3,268.92	1/4	3,045.26	1/4	2,821.60	1/4	2,597.95	1/4	2,346.09	1/4	2,089.43	1/4	1,832.76	1/4	1,576.09	1/4	1,320.28
1/2		1/2	3,264.26	1/2	3,040.60	1/2	2,816.94	1/2	2,593.29	1/2	2,340.74	1/2	2,084.08	1/2	1,827.41	1/2	1,570.75	1/2	1,314.94
3/4		3/4	3,259.60	3/4	3,035.94	3/4	2,812.28	3/4	2,588.63	3/4	2,335.40	3/4	2,078.73	3/4	1,822.07	3/4	1,565.40	3/4	1,309.59
10		10	3,254.94	10	3,031.28	10	2,807.63	10	2,583.97	10	2,330.05	10	2,073.38	10	1,816.72	10	1,560.05	10	1,304.24
1/4		1/4	3,250.28	1/4	3,026.62	1/4	2,802.97	1/4	2,579.31	1/4	2,324.70	1/4	2,068.04	1/4	1,811.37	1/4	1,554.71	1/4	1,298.90
1/2		1/2	3,245.62	1/2	3,021.96	1/2	2,798.31	1/2	2,574.39	1/2	2,319.36	1/2	2,062.69	1/2	1,806.02	1/2	1,549.37	1/2	1,293.55
3/4		3/4	3,240.96	3/4	3,017.30	3/4	2,793.65	3/4	2,569.47	3/4	2,314.01	3/4	2,057.34	3/4	1,800.68	3/4	1,544.04	3/4	1,288.20
11		11	3,236.30	11	3,012.64	11	2,788.99	11	2,564.56	11	2,308.66	11	2,052.00	11	1,795.33	11	1,538.71	11	1,282.86
1/4		1/4	3,231.64	1/4	3,007.98	1/4	2,784.33	1/4	2,559.64	1/4	2,303.31	1/4	2,046.65	1/4	1,789.98	1/4	1,533.38	1/4	1,277.51
1/2	3,422.68	1/2	3,226.98	1/2	3,003.32	1/2	2,779.67	1/2	2,554.38	1/2	2,297.97	1/2	2,041.30	1/2	1,784.64	1/2	1,528.05	1/2	1,272.18
3/4	3,421.79	3/4	3,222.32	3/4	2,998.66	3/4	2,775.01	3/4	2,549.12	3/4	2,292.62	3/4	2,035.95	3/4	1,779.29	3/4	1,522.73	3/4	1,266.85

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 TO TOP OF 2" HERMETIC CLOSED GAUGING VALVE.

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 26'-03" 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 "H-539"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-00 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,261.51	0	1,005.50	0	748.90	0	492.69	0	236.03	0	2.69	0		0		0		0	
1/4	1,256.18	1/4	1,000.15	1/4	743.55	1/4	487.35	1/4	230.69	1/4	1.35	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,250.86	1/2	994.81	1/2	738.20	1/2	482.02	1/2	225.33	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,245.53	3/4	989.46	3/4	732.86	3/4	476.68	3/4	219.97	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,240.21	1	984.12	1	727.51	1	471.34	1	214.61	1		1		1		1		1	
1/4	1,234.88	1/4	978.77	1/4	722.17	1/4	466.01	1/4	209.26	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,229.55	1/2	973.42	1/2	716.82	1/2	460.66	1/2	203.90	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,224.23	3/4	968.08	3/4	711.47	3/4	455.31	3/4	198.54	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,218.90	2	962.73	2	706.13	2	449.97	2	193.18	2		2		2		2		2	
1/4	1,213.58	1/4	957.39	1/4	700.78	1/4	444.62	1/4	187.82	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,208.25	1/2	952.04	1/2	695.44	1/2	439.27	1/2	182.46	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,202.92	3/4	946.69	3/4	690.09	3/4	433.93	3/4	177.10	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,197.60	3	941.35	3	684.75	3	428.58	3	171.74	3		3		3		3		3	
1/4	1,192.27	1/4	936.00	1/4	679.40	1/4	423.23	1/4	166.38	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,186.95	1/2	930.66	1/2	674.06	1/2	417.88	1/2	161.02	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,181.62	3/4	925.31	3/4	668.72	3/4	412.53	3/4	155.66	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,176.29	4	919.97	4	663.38	4	407.18	4	150.30	4		4		4		4		4	
1/4	1,170.97	1/4	914.62	1/4	658.04	1/4	401.83	1/4	144.94	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,165.64	1/2	909.27	1/2	652.71	1/2	396.49	1/2	139.58	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,160.32	3/4	903.93	3/4	647.37	3/4	391.14	3/4	134.22	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,154.99	5	898.58	5	642.04	5	385.79	5	128.85	5		5		5		5		5	
1/4	1,149.66	1/4	893.24	1/4	636.70	1/4	380.44	1/4	123.49	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,144.34	1/2	887.89	1/2	631.37	1/2	375.09	1/2	118.13	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,139.01	3/4	882.54	3/4	626.03	3/4	369.74	3/4	112.77	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,133.69	6	877.20	6	620.70	6	364.40	6	107.41	6		6		6		6		6	
1/4	1,128.36	1/4	871.85	1/4	615.37	1/4	359.05	1/4	102.05	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,123.03	1/2	866.51	1/2	610.03	1/2	353.70	1/2	96.70	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,117.71	3/4	861.16	3/4	604.70	3/4	348.35	3/4	91.34	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,112.38	7	855.81	7	599.36	7	343.00	7	85.98	7		7		7		7		7	
1/4	1,107.06	1/4	850.47	1/4	594.03	1/4	337.65	1/4	80.62	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,101.71	1/2	845.12	1/2	588.70	1/2	332.31	1/2	75.27	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,096.37	3/4	839.78	3/4	583.36	3/4	326.96	3/4	69.92	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,091.03	8	834.43	8	578.03	8	321.61	8	64.57	8		8		8		8		8	
1/4	1,085.69	1/4	829.08	1/4	572.70	1/4	316.26	1/4	59.22	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,080.34	1/2	823.74	1/2	567.36	1/2	310.91	1/2	53.89	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,075.00	3/4	818.39	3/4	562.03	3/4	305.56	3/4	48.57	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,069.65	9	813.05	9	556.69	9	300.22	9	43.25	9		9		9		9		9	
1/4	1,064.30	1/4	807.70	1/4	551.36	1/4	294.87	1/4	37.92	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,058.96	1/2	802.36	1/2	546.03	1/2	289.52	1/2	33.25	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,053.61	3/4	797.01	3/4	540.69	3/4	284.17	3/4	28.57	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,048.27	10	791.66	10	535.36	10	278.82	10	23.89	10		10		10		10		10	
1/4	1,042.92	1/4	786.32	1/4	530.02	1/4	273.47	1/4	19.21	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,037.57	1/2	780.97	1/2	524.69	1/2	268.12	1/2	16.09	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,032.23	3/4	775.63	3/4	519.36	3/4	262.78	3/4	12.96	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,026.88	11	770.28	11	514.02	11	257.43	11	9.84	11		11		11		11		11	
1/4	1,021.54	1/4	764.93	1/4	508.69	1/4	252.08	1/4	6.71	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,016.19	1/2	759.59	1/2	503.35	1/2	246.73	1/2	5.37	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,010.85	3/4	754.24	3/4	498.02	3/4	241.38	3/4	4.03	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED BY: 05/17/2021 JS  
CALCULATED: 05/17/2021 CL  
PRINTED: 05/18/2021 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2021

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



# BARGE "H-539"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-00"

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	3,973.65	0	3,706.67	0	3,418.70	0	3,130.72	0	2,842.75	0	2,554.78	0	2,266.81	0	1,978.84	0	1,690.87
1/4		1/4	3,971.15	1/4	3,700.67	1/4	3,412.70	1/4	3,124.72	1/4	2,836.75	1/4	2,548.78	1/4	2,260.81	1/4	1,972.84	1/4	1,684.87
1/2		1/2	3,968.65	1/2	3,694.67	1/2	3,406.70	1/2	3,118.73	1/2	2,830.75	1/2	2,542.78	1/2	2,254.81	1/2	1,966.84	1/2	1,678.87
3/4		3/4	3,966.15	3/4	3,688.67	3/4	3,400.70	3/4	3,112.73	3/4	2,824.75	3/4	2,536.78	3/4	2,248.81	3/4	1,960.84	3/4	1,672.87
1		1	3,963.65	1	3,682.67	1	3,394.70	1	3,106.73	1	2,818.76	1	2,530.78	1	2,242.81	1	1,954.84	1	1,666.87
1/4		1/4	3,959.16	1/4	3,676.67	1/4	3,388.70	1/4	3,100.73	1/4	2,812.76	1/4	2,524.78	1/4	2,236.81	1/4	1,948.84	1/4	1,660.87
1/2		1/2	3,954.66	1/2	3,670.67	1/2	3,382.70	1/2	3,094.73	1/2	2,806.76	1/2	2,518.79	1/2	2,230.81	1/2	1,942.84	1/2	1,654.87
3/4		3/4	3,950.16	3/4	3,664.67	3/4	3,376.70	3/4	3,088.73	3/4	2,800.76	3/4	2,512.79	3/4	2,224.81	3/4	1,936.84	3/4	1,648.87
2		2	3,945.66	2	3,658.67	2	3,370.70	2	3,082.73	2	2,794.76	2	2,506.79	2	2,218.82	2	1,930.84	2	1,642.87
1/4		1/4	3,939.90	1/4	3,652.67	1/4	3,364.70	1/4	3,076.73	1/4	2,788.76	1/4	2,500.79	1/4	2,212.82	1/4	1,924.84	1/4	1,636.87
1/2		1/2	3,934.15	1/2	3,646.67	1/2	3,358.70	1/2	3,070.73	1/2	2,782.76	1/2	2,494.79	1/2	2,206.82	1/2	1,918.85	1/2	1,630.87
3/4		3/4	3,928.40	3/4	3,640.67	3/4	3,352.70	3/4	3,064.73	3/4	2,776.76	3/4	2,488.79	3/4	2,200.82	3/4	1,912.85	3/4	1,624.87
3		3	3,922.64	3	3,634.67	3	3,346.70	3	3,058.73	3	2,770.76	3	2,482.79	3	2,194.82	3	1,906.85	3	1,618.88
1/4		1/4	3,916.65	1/4	3,628.67	1/4	3,340.70	1/4	3,052.73	1/4	2,764.76	1/4	2,476.79	1/4	2,188.82	1/4	1,900.85	1/4	1,612.88
1/2		1/2	3,910.65	1/2	3,622.67	1/2	3,334.70	1/2	3,046.73	1/2	2,758.76	1/2	2,470.79	1/2	2,182.82	1/2	1,894.85	1/2	1,606.88
3/4		3/4	3,904.65	3/4	3,616.68	3/4	3,328.70	3/4	3,040.73	3/4	2,752.76	3/4	2,464.79	3/4	2,176.82	3/4	1,888.85	3/4	1,600.88
4		4	3,898.65	4	3,610.68	4	3,322.70	4	3,034.73	4	2,746.76	4	2,458.79	4	2,170.82	4	1,882.85	4	1,594.88
1/4		1/4	3,892.65	1/4	3,604.68	1/4	3,316.71	1/4	3,028.73	1/4	2,740.76	1/4	2,452.79	1/4	2,164.82	1/4	1,876.85	1/4	1,588.88
1/2		1/2	3,886.65	1/2	3,598.68	1/2	3,310.71	1/2	3,022.73	1/2	2,734.76	1/2	2,446.79	1/2	2,158.82	1/2	1,870.85	1/2	1,582.88
3/4		3/4	3,880.65	3/4	3,592.68	3/4	3,304.71	3/4	3,016.74	3/4	2,728.76	3/4	2,440.79	3/4	2,152.82	3/4	1,864.85	3/4	1,576.88
5		5	3,874.65	5	3,586.68	5	3,298.71	5	3,010.74	5	2,722.76	5	2,434.79	5	2,146.82	5	1,858.85	5	1,570.88
1/4		1/4	3,868.65	1/4	3,580.68	1/4	3,292.71	1/4	3,004.74	1/4	2,716.77	1/4	2,428.79	1/4	2,140.82	1/4	1,852.85	1/4	1,564.88
1/2		1/2	3,862.65	1/2	3,574.68	1/2	3,286.71	1/2	2,998.74	1/2	2,710.77	1/2	2,422.79	1/2	2,134.82	1/2	1,846.85	1/2	1,558.88
3/4		3/4	3,856.65	3/4	3,568.68	3/4	3,280.71	3/4	2,992.74	3/4	2,704.77	3/4	2,416.80	3/4	2,128.82	3/4	1,840.85	3/4	1,552.88
6		6	3,850.65	6	3,562.68	6	3,274.71	6	2,986.74	6	2,698.77	6	2,410.80	6	2,122.82	6	1,834.85	6	1,546.88
1/4		1/4	3,844.65	1/4	3,556.68	1/4	3,268.71	1/4	2,980.74	1/4	2,692.77	1/4	2,404.80	1/4	2,116.83	1/4	1,828.85	1/4	1,540.88
1/2		1/2	3,838.65	1/2	3,550.68	1/2	3,262.71	1/2	2,974.74	1/2	2,686.77	1/2	2,398.80	1/2	2,110.83	1/2	1,822.85	1/2	1,534.88
3/4		3/4	3,832.65	3/4	3,544.68	3/4	3,256.71	3/4	2,968.74	3/4	2,680.77	3/4	2,392.80	3/4	2,104.83	3/4	1,816.86	3/4	1,528.88
7		7	3,826.65	7	3,538.68	7	3,250.71	7	2,962.74	7	2,674.77	7	2,386.80	7	2,098.83	7	1,810.86	7	1,522.88
1/4		1/4	3,820.66	1/4	3,532.68	1/4	3,244.71	1/4	2,956.74	1/4	2,668.77	1/4	2,380.80	1/4	2,092.83	1/4	1,804.86	1/4	1,516.89
1/2		1/2	3,814.66	1/2	3,526.68	1/2	3,238.71	1/2	2,950.74	1/2	2,662.77	1/2	2,374.80	1/2	2,086.83	1/2	1,798.86	1/2	1,510.89
3/4		3/4	3,808.66	3/4	3,520.69	3/4	3,232.71	3/4	2,944.74	3/4	2,656.77	3/4	2,368.80	3/4	2,104.83	3/4	1,816.86	3/4	1,528.88
8		8	3,802.66	8	3,514.69	8	3,226.71	8	2,938.74	8	2,650.77	8	2,362.80	8	2,074.83	8	1,786.86	8	1,498.89
1/4		1/4	3,796.66	1/4	3,508.69	1/4	3,220.72	1/4	2,932.74	1/4	2,644.77	1/4	2,356.80	1/4	2,068.83	1/4	1,780.86	1/4	1,492.89
1/2		1/2	3,790.66	1/2	3,502.69	1/2	3,214.72	1/2	2,926.74	1/2	2,638.77	1/2	2,350.80	1/2	2,062.83	1/2	1,774.86	1/2	1,486.89
3/4		3/4	3,784.66	3/4	3,496.69	3/4	3,208.72	3/4	2,920.75	3/4	2,632.77	3/4	2,344.80	3/4	2,056.83	3/4	1,768.86	3/4	1,480.89
9		9	3,778.66	9	3,490.69	9	3,202.72	9	2,914.75	9	2,626.77	9	2,338.80	9	2,050.83	9	1,762.86	9	1,474.89
1/4		1/4	3,772.66	1/4	3,484.69	1/4	3,196.72	1/4	2,908.75	1/4	2,620.78	1/4	2,332.80	1/4	2,044.83	1/4	1,756.86	1/4	1,468.89
1/2		1/2	3,766.66	1/2	3,478.69	1/2	3,190.72	1/2	2,902.75	1/2	2,614.78	1/2	2,326.80	1/2	2,038.83	1/2	1,750.86	1/2	1,462.89
3/4		3/4	3,760.66	3/4	3,472.69	3/4	3,184.72	3/4	2,896.75	3/4	2,608.78	3/4	2,320.81	3/4	2,032.83	3/4	1,744.86	3/4	1,456.89
10		10	3,754.66	10	3,466.69	10	3,178.72	10	2,890.75	10	2,602.78	10	2,314.81	10	2,026.83	10	1,738.86	10	1,450.89
1/4		1/4	3,748.66	1/4	3,460.69	1/4	3,172.72	1/4	2,884.75	1/4	2,596.78	1/4	2,308.81	1/4	2,020.84	1/4	1,732.86	1/4	1,444.89
1/2		1/2	3,742.66	1/2	3,454.69	1/2	3,166.72	1/2	2,878.75	1/2	2,590.78	1/2	2,302.81	1/2	2,014.84	1/2	1,726.86	1/2	1,438.89
3/4		3/4	3,736.66	3/4	3,448.69	3/4	3,160.72	3/4	2,872.75	3/4	2,584.78	3/4	2,296.81	3/4	2,008.84	3/4	1,720.87	3/4	1,432.89
11		11	3,730.66	11	3,442.69	11	3,154.72	11	2,866.75	11	2,578.78	11	2,290.81	11	2,002.84	11	1,714.87	11	1,426.89
1/4	3,976.65	1/4	3,724.66	1/4	3,436.69	1/4	3,148.72	1/4	2,860.75	1/4	2,572.78	1/4	2,284.81	1/4	1,996.84	1/4	1,708.87	1/4	1,420.90
1/2	3,975.65	1/2	3,718.67	1/2	3,430.69	1/2	3,142.72	1/2	2,854.75	1/2	2,566.78	1/2	2,278.81	1/2	1,990.84	1/2	1,702.87	1/2	1,414.90
3/4	3,974.65	3/4	3,712.67	3/4	3,424.69	3/4	3,136.72	3/4	2,848.75	3/4	2,560.78	3/4	2,272.81	3/4	1,984.84	3/4	1,696.87	3/4	1,408.90

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" HERMETIC CLOSED GAUGING VALVE.

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 28'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "H-539"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GUAGE HEIGHT 15'-00"

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	1,402.90	0	1,114.93	0	826.95	0	545.26	0	258.15	0	1.46	0		0		0		0	
1/4	1,396.90	1/4	1,108.93	1/4	820.96	1/4	539.43	1/4	252.15	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,390.90	1/2	1,102.93	1/2	814.96	1/2	533.60	1/2	246.15	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,384.90	3/4	1,096.93	3/4	808.96	3/4	527.77	3/4	240.15	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,378.90	1	1,090.93	1	802.96	1	521.95	1	234.15	1		1		1		1		1	
1/4	1,372.90	1/4	1,084.93	1/4	796.96	1/4	515.99	1/4	228.15	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,366.90	1/2	1,078.93	1/2	790.96	1/2	510.03	1/2	222.15	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,360.90	3/4	1,072.93	3/4	784.96	3/4	504.07	3/4	216.15	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,354.90	2	1,066.93	2	778.96	2	498.12	2	210.15	2		2		2		2		2	
1/4	1,348.90	1/4	1,060.93	1/4	772.96	1/4	492.12	1/4	204.16	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,342.90	1/2	1,054.93	1/2	766.96	1/2	486.12	1/2	198.16	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,336.90	3/4	1,048.93	3/4	760.96	3/4	480.12	3/4	192.16	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,330.90	3	1,042.93	3	754.96	3	474.12	3	186.16	3		3		3		3		3	
1/4	1,324.90	1/4	1,036.93	1/4	749.09	1/4	468.12	1/4	180.16	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,318.91	1/2	1,030.93	1/2	743.21	1/2	462.12	1/2	174.16	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,312.91	3/4	1,024.93	3/4	737.34	3/4	456.12	3/4	168.16	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,306.91	4	1,018.94	4	731.47	4	450.12	4	162.16	4		4		4		4		4	
1/4	1,300.91	1/4	1,012.94	1/4	725.65	1/4	444.12	1/4	156.16	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,294.91	1/2	1,006.94	1/2	719.82	1/2	438.12	1/2	150.16	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,288.91	3/4	1,000.94	3/4	714.00	3/4	432.13	3/4	144.16	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,282.91	5	994.94	5	708.18	5	426.13	5	138.16	5		5		5		5		5	
1/4	1,276.91	1/4	988.94	1/4	702.36	1/4	420.13	1/4	132.17	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,270.91	1/2	982.94	1/2	696.54	1/2	414.13	1/2	126.17	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,264.91	3/4	976.94	3/4	690.72	3/4	408.13	3/4	120.17	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,258.91	6	970.94	6	684.91	6	402.13	6	114.17	6		6		6		6		6	
1/4	1,252.91	1/4	964.94	1/4	679.09	1/4	396.13	1/4	108.17	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,246.91	1/2	958.94	1/2	673.27	1/2	390.13	1/2	102.17	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,240.91	3/4	952.94	3/4	667.45	3/4	384.13	3/4	96.17	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,234.91	7	946.94	7	661.63	7	378.13	7	90.18	7		7		7		7		7	
1/4	1,228.91	1/4	940.94	1/4	655.81	1/4	372.13	1/4	84.19	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,222.91	1/2	934.94	1/2	649.99	1/2	366.13	1/2	78.20	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,216.92	3/4	928.94	3/4	644.18	3/4	360.13	3/4	72.21	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,210.92	8	922.94	8	638.36	8	354.14	8	66.22	8		8		8		8		8	
1/4	1,204.92	1/4	916.95	1/4	632.54	1/4	348.14	1/4	60.27	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,198.92	1/2	910.95	1/2	626.72	1/2	342.14	1/2	54.31	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,192.92	3/4	904.95	3/4	620.90	3/4	336.14	3/4	48.35	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,186.92	9	898.95	9	615.08	9	330.14	9	42.39	9		9		9		9		9	
1/4	1,180.92	1/4	892.95	1/4	609.26	1/4	324.14	1/4	37.16	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,174.92	1/2	886.95	1/2	603.44	1/2	318.14	1/2	31.92	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,168.92	3/4	880.95	3/4	597.63	3/4	312.14	3/4	26.69	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,162.92	10	874.95	10	591.81	10	306.14	10	21.45	10		10		10		10		10	
1/4	1,156.92	1/4	868.95	1/4	585.99	1/4	300.14	1/4	17.95	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,150.92	1/2	862.95	1/2	580.17	1/2	294.14	1/2	14.46	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,144.92	3/4	856.95	3/4	574.35	3/4	288.14	3/4	10.96	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,138.92	11	850.95	11	568.53	11	282.15	11	7.46	11		11		11		11		11	
1/4	1,132.92	1/4	844.95	1/4	562.71	1/4	276.15	1/4	5.96	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,126.92	1/2	838.95	1/2	556.89	1/2	270.15	1/2	4.46	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,120.93	3/4	832.95	3/4	551.08	3/4	264.15	3/4	2.96	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED BY: 05/17/2021 JS  
CALCULATED: 05/17/2021 CL  
PRINTED: 05/18/2021 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2021

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



# BARGE "H-539"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-11 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	3,509.98	0	3,271.31	0	3,017.22	0	2,763.13	0	2,509.04	0	2,254.94	0	2,000.85	0	1,746.76	0	1,492.67
1/4		1/4	3,507.77	1/4	3,266.02	1/4	3,011.93	1/4	2,757.84	1/4	2,503.74	1/4	2,249.65	1/4	1,995.56	1/4	1,741.46	1/4	1,487.37
1/2		1/2	3,505.57	1/2	3,260.73	1/2	3,006.63	1/2	2,752.54	1/2	2,498.45	1/2	2,244.36	1/2	1,990.26	1/2	1,736.17	1/2	1,482.08
3/4		3/4	3,503.36	3/4	3,255.43	3/4	3,001.34	3/4	2,747.25	3/4	2,493.16	3/4	2,239.06	3/4	1,984.97	3/4	1,730.88	3/4	1,476.78
1		1	3,499.39	1	3,250.14	1	2,996.05	1	2,741.95	1	2,487.86	1	2,233.77	1	1,979.68	1	1,725.58	1	1,471.49
1/4		1/4	3,495.42	1/4	3,244.85	1/4	2,990.75	1/4	2,736.66	1/4	2,482.57	1/4	2,228.48	1/4	1,974.38	1/4	1,720.29	1/4	1,466.20
1/2		1/2	3,491.45	1/2	3,239.55	1/2	2,985.46	1/2	2,731.37	1/2	2,477.27	1/2	2,223.18	1/2	1,969.09	1/2	1,715.00	1/2	1,460.90
3/4		3/4	3,487.48	3/4	3,234.26	3/4	2,980.17	3/4	2,726.07	3/4	2,471.98	3/4	2,217.89	3/4	1,963.80	3/4	1,709.70	3/4	1,455.61
2		2	3,482.41	2	3,228.97	2	2,974.87	2	2,720.78	2	2,466.69	2	2,212.59	2	1,958.50	2	1,704.41	2	1,450.32
1/4		1/4	3,477.33	1/4	3,223.67	1/4	2,969.58	1/4	2,715.49	1/4	2,461.39	1/4	2,207.30	1/4	1,953.21	1/4	1,699.12	1/4	1,445.02
1/2		1/2	3,472.25	1/2	3,218.38	1/2	2,964.29	1/2	2,710.19	1/2	2,456.10	1/2	2,202.01	1/2	1,947.91	1/2	1,693.82	1/2	1,439.73
3/4		3/4	3,467.18	3/4	3,213.09	3/4	2,958.99	3/4	2,704.90	3/4	2,450.81	3/4	2,196.71	3/4	1,942.62	3/4	1,688.53	3/4	1,434.44
3		3	3,461.88	3	3,207.79	3	2,953.70	3	2,699.61	3	2,445.51	3	2,191.42	3	1,937.33	3	1,683.23	3	1,429.14
1/4		1/4	3,456.59	1/4	3,202.50	1/4	2,948.41	1/4	2,694.31	1/4	2,440.22	1/4	2,186.13	1/4	1,932.03	1/4	1,677.94	1/4	1,423.85
1/2		1/2	3,451.30	1/2	3,197.20	1/2	2,943.11	1/2	2,689.02	1/2	2,434.93	1/2	2,180.83	1/2	1,926.74	1/2	1,672.65	1/2	1,418.55
3/4		3/4	3,446.00	3/4	3,191.91	3/4	2,937.82	3/4	2,683.73	3/4	2,429.63	3/4	2,175.54	3/4	1,921.45	3/4	1,667.35	3/4	1,413.26
4		4	3,440.71	4	3,186.62	4	2,932.52	4	2,678.43	4	2,424.34	4	2,170.25	4	1,916.15	4	1,662.06	4	1,407.97
1/4		1/4	3,435.42	1/4	3,181.32	1/4	2,927.23	1/4	2,673.14	1/4	2,419.05	1/4	2,164.95	1/4	1,910.86	1/4	1,656.77	1/4	1,402.67
1/2		1/2	3,430.12	1/2	3,176.03	1/2	2,921.94	1/2	2,667.84	1/2	2,413.75	1/2	2,159.66	1/2	1,905.57	1/2	1,651.47	1/2	1,397.38
3/4		3/4	3,424.83	3/4	3,170.74	3/4	2,916.64	3/4	2,662.55	3/4	2,408.46	3/4	2,154.37	3/4	1,900.27	3/4	1,646.18	3/4	1,392.09
5		5	3,419.54	5	3,165.44	5	2,911.35	5	2,657.26	5	2,403.16	5	2,149.07	5	1,894.98	5	1,640.89	5	1,386.79
1/4		1/4	3,414.24	1/4	3,160.15	1/4	2,906.06	1/4	2,651.96	1/4	2,397.87	1/4	2,143.78	1/4	1,889.69	1/4	1,635.59	1/4	1,381.50
1/2		1/2	3,408.95	1/2	3,154.86	1/2	2,900.76	1/2	2,646.67	1/2	2,392.58	1/2	2,138.48	1/2	1,884.39	1/2	1,630.30	1/2	1,376.21
3/4		3/4	3,403.65	3/4	3,149.56	3/4	2,895.47	3/4	2,641.38	3/4	2,387.28	3/4	2,133.19	3/4	1,879.10	3/4	1,625.01	3/4	1,370.91
6		6	3,398.36	6	3,144.27	6	2,890.18	6	2,636.08	6	2,381.99	6	2,127.90	6	1,873.80	6	1,619.71	6	1,365.62
1/4		1/4	3,393.07	1/4	3,138.97	1/4	2,884.88	1/4	2,630.79	1/4	2,376.70	1/4	2,122.60	1/4	1,868.51	1/4	1,614.42	1/4	1,360.33
1/2		1/2	3,387.77	1/2	3,133.68	1/2	2,879.59	1/2	2,625.50	1/2	2,371.40	1/2	2,117.31	1/2	1,863.22	1/2	1,609.12	1/2	1,355.03
3/4		3/4	3,382.48	3/4	3,128.39	3/4	2,874.29	3/4	2,620.20	3/4	2,366.11	3/4	2,112.02	3/4	1,857.92	3/4	1,603.83	3/4	1,349.74
7		7	3,377.19	7	3,123.09	7	2,869.00	7	2,614.91	7	2,360.82	7	2,106.72	7	1,852.63	7	1,598.54	7	1,344.44
1/4		1/4	3,371.89	1/4	3,117.80	1/4	2,863.71	1/4	2,609.61	1/4	2,355.52	1/4	2,101.43	1/4	1,847.34	1/4	1,593.24	1/4	1,339.15
1/2		1/2	3,366.60	1/2	3,112.51	1/2	2,858.41	1/2	2,604.32	1/2	2,350.23	1/2	2,096.14	1/2	1,842.04	1/2	1,587.95	1/2	1,333.86
3/4		3/4	3,361.31	3/4	3,107.21	3/4	2,853.12	3/4	2,599.03	3/4	2,344.93	3/4	2,090.84	3/4	1,836.75	3/4	1,582.66	3/4	1,328.56
8		8	3,356.01	8	3,101.92	8	2,847.83	8	2,593.73	8	2,339.64	8	2,085.55	8	1,831.46	8	1,577.36	8	1,323.27
1/4		1/4	3,350.72	1/4	3,096.63	1/4	2,842.53	1/4	2,588.44	1/4	2,334.35	1/4	2,080.25	1/4	1,826.16	1/4	1,572.07	1/4	1,317.98
1/2		1/2	3,345.43	1/2	3,091.33	1/2	2,837.24	1/2	2,583.15	1/2	2,329.05	1/2	2,074.96	1/2	1,820.87	1/2	1,566.78	1/2	1,312.68
3/4		3/4	3,340.13	3/4	3,086.04	3/4	2,831.95	3/4	2,577.85	3/4	2,323.76	3/4	2,069.67	3/4	1,815.57	3/4	1,561.48	3/4	1,307.39
9		9	3,334.84	9	3,080.75	9	2,826.65	9	2,572.56	9	2,318.47	9	2,064.37	9	1,810.28	9	1,556.19	9	1,302.10
1/4		1/4	3,329.54	1/4	3,075.45	1/4	2,821.36	1/4	2,567.27	1/4	2,313.17	1/4	2,059.08	1/4	1,804.99	1/4	1,550.89	1/4	1,296.80
1/2		1/2	3,324.25	1/2	3,070.16	1/2	2,816.07	1/2	2,561.97	1/2	2,307.88	1/2	2,053.79	1/2	1,799.69	1/2	1,545.60	1/2	1,291.51
3/4		3/4	3,318.96	3/4	3,064.86	3/4	2,810.77	3/4	2,556.68	3/4	2,302.59	3/4	2,048.49	3/4	1,794.40	3/4	1,540.31	3/4	1,286.21
10		10	3,313.66	10	3,059.57	10	2,805.48	10	2,551.39	10	2,297.29	10	2,043.20	10	1,789.11	10	1,535.01	10	1,280.92
1/4		1/4	3,308.37	1/4	3,054.28	1/4	2,800.18	1/4	2,546.09	1/4	2,292.00	1/4	2,037.91	1/4	1,783.81	1/4	1,529.72	1/4	1,275.63
1/2		1/2	3,303.08	1/2	3,048.98	1/2	2,794.89	1/2	2,540.80	1/2	2,286.71	1/2	2,032.61	1/2	1,778.52	1/2	1,524.43	1/2	1,270.33
3/4		3/4	3,297.78	3/4	3,043.69	3/4	2,789.60	3/4	2,535.50	3/4	2,281.41	3/4	2,027.32	3/4	1,773.23	3/4	1,519.13	3/4	1,265.04
11	3,514.83	11	3,292.49	11	3,038.40	11	2,784.30	11	2,530.21	11	2,276.12	11	2,022.03	11	1,767.93	11	1,513.84	11	1,259.75
1/4		1/4	3,513.95	1/4	3,287.20	1/4	3,033.10	1/4	2,779.01	1/4	2,524.92	1/4	2,270.82	1/4	2,016.73	1/4	1,508.55	1/4	1,254.45
1/2		1/2	3,513.07	1/2	3,281.90	1/2	3,027.81	1/2	2,773.72	1/2	2,519.62	1/2	2,265.53	1/2	2,011.44	1/2	1,503.25	1/2	1,249.16
3/4		3/4	3,512.19	3/4	3,276.61	3/4	3,022.52	3/4	2,768.42	3/4	2,514.33	3/4	2,260.24	3/4	2,006.14	3/4	1,497.96	3/4	1,243.87

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" HERMETIC CLOSED GAUGING VALVE.

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 27'-09" 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 "H-539"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-11 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	1,238.57	0	984.48	0	730.39	0	476.59	0	222.53	0		0		0		0		0	
1/4	1,233.28	1/4	979.19	1/4	725.09	1/4	471.30	1/4	217.24	1/4		1/4		1/4		1/4		1/4	
1/2	1,227.99	1/2	973.89	1/2	719.80	1/2	466.02	1/2	211.95	1/2		1/2		1/2		1/2		1/2	
3/4	1,222.69	3/4	968.60	3/4	714.51	3/4	460.73	3/4	206.65	3/4		3/4		3/4		3/4		3/4	
1	1,217.40	1	963.31	1	709.21	1	455.44	1	201.36	1		1		1		1		1	
1/4	1,212.10	1/4	958.01	1/4	703.92	1/4	450.15	1/4	196.07	1/4		1/4		1/4		1/4		1/4	
1/2	1,206.81	1/2	952.72	1/2	698.63	1/2	444.85	1/2	190.77	1/2		1/2		1/2		1/2		1/2	
3/4	1,201.52	3/4	947.42	3/4	693.33	3/4	439.56	3/4	185.48	3/4		3/4		3/4		3/4		3/4	
2	1,196.22	2	942.13	2	688.04	2	434.27	2	180.19	2		2		2		2		2	
1/4	1,190.93	1/4	936.84	1/4	682.74	1/4	428.98	1/4	174.89	1/4		1/4		1/4		1/4		1/4	
1/2	1,185.64	1/2	931.54	1/2	677.45	1/2	423.68	1/2	169.60	1/2		1/2		1/2		1/2		1/2	
3/4	1,180.34	3/4	926.25	3/4	672.16	3/4	418.39	3/4	164.31	3/4		3/4		3/4		3/4		3/4	
3	1,175.05	3	920.96	3	666.87	3	413.10	3	159.01	3		3		3		3		3	
1/4	1,169.76	1/4	915.66	1/4	661.58	1/4	407.80	1/4	153.72	1/4		1/4		1/4		1/4		1/4	
1/2	1,164.46	1/2	910.37	1/2	656.29	1/2	402.51	1/2	148.43	1/2		1/2		1/2		1/2		1/2	
3/4	1,159.17	3/4	905.08	3/4	651.00	3/4	397.21	3/4	143.13	3/4		3/4		3/4		3/4		3/4	
4	1,153.87	4	899.78	4	645.71	4	391.92	4	137.84	4		4		4		4		4	
1/4	1,148.58	1/4	894.49	1/4	640.43	1/4	386.63	1/4	132.54	1/4		1/4		1/4		1/4		1/4	
1/2	1,143.29	1/2	889.19	1/2	635.14	1/2	381.33	1/2	127.25	1/2		1/2		1/2		1/2		1/2	
3/4	1,137.99	3/4	883.90	3/4	629.86	3/4	376.04	3/4	121.96	3/4		3/4		3/4		3/4		3/4	
5	1,132.70	5	878.61	5	624.57	5	370.75	5	116.66	5		5		5		5		5	
1/4	1,127.41	1/4	873.31	1/4	619.29	1/4	365.45	1/4	111.37	1/4		1/4		1/4		1/4		1/4	
1/2	1,122.11	1/2	868.02	1/2	614.00	1/2	360.16	1/2	106.08	1/2		1/2		1/2		1/2		1/2	
3/4	1,116.82	3/4	862.73	3/4	608.72	3/4	354.87	3/4	100.78	3/4		3/4		3/4		3/4		3/4	
6	1,111.53	6	857.43	6	603.43	6	349.57	6	95.49	6		6		6		6		6	
1/4	1,106.23	1/4	852.14	1/4	598.15	1/4	344.28	1/4	90.20	1/4		1/4		1/4		1/4		1/4	
1/2	1,100.94	1/2	846.85	1/2	592.86	1/2	338.99	1/2	84.91	1/2		1/2		1/2		1/2		1/2	
3/4	1,095.65	3/4	841.55	3/4	587.58	3/4	333.69	3/4	79.62	3/4		3/4		3/4		3/4		3/4	
7	1,090.35	7	836.26	7	582.29	7	328.40	7	74.33	7		7		7		7		7	
1/4	1,085.06	1/4	830.97	1/4	577.01	1/4	323.11	1/4	69.05	1/4		1/4		1/4		1/4		1/4	
1/2	1,079.76	1/2	825.67	1/2	571.72	1/2	317.81	1/2	63.77	1/2		1/2		1/2		1/2		1/2	
3/4	1,074.47	3/4	820.38	3/4	566.44	3/4	312.52	3/4	58.48	3/4		3/4		3/4		3/4		3/4	
8	1,069.18	8	815.08	8	561.15	8	307.23	8	53.22	8		8		8		8		8	
1/4	1,063.88	1/4	809.79	1/4	555.87	1/4	301.93	1/4	47.97	1/4		1/4		1/4		1/4		1/4	
1/2	1,058.59	1/2	804.50	1/2	550.58	1/2	296.64	1/2	42.71	1/2		1/2		1/2		1/2		1/2	
3/4	1,053.30	3/4	799.20	3/4	545.30	3/4	291.35	3/4	37.45	3/4		3/4		3/4		3/4		3/4	
9	1,048.00	9	793.91	9	540.01	9	286.05	9	32.83	9		9		9		9		9	
1/4	1,042.71	1/4	788.62	1/4	534.73	1/4	280.76	1/4	28.22	1/4		1/4		1/4		1/4		1/4	
1/2	1,037.42	1/2	783.32	1/2	529.44	1/2	275.47	1/2	23.60	1/2		1/2		1/2		1/2		1/2	
3/4	1,032.12	3/4	778.03	3/4	524.16	3/4	270.17	3/4	18.98	3/4		3/4		3/4		3/4		3/4	
10	1,026.83	10	772.74	10	518.87	10	264.88	10	15.89	10		10		10		10		10	
1/4	1,021.53	1/4	767.44	1/4	513.59	1/4	259.59	1/4	12.80	1/4		1/4		1/4		1/4		1/4	
1/2	1,016.24	1/2	762.15	1/2	508.30	1/2	254.29	1/2	9.72	1/2		1/2		1/2		1/2		1/2	
3/4	1,010.95	3/4	756.85	3/4	503.02	3/4	249.00	3/4	6.63	3/4		3/4		3/4		3/4		3/4	
11	1,005.65	11	751.56	11	497.73	11	243.71	11	5.31	11		11		11		11		11	
1/4	1,000.36	1/4	746.27	1/4	492.45	1/4	238.41	1/4	3.98	1/4		1/4		1/4		1/4		1/4	
1/2	995.07	1/2	740.97	1/2	487.16	1/2	233.12	1/2	2.66	1/2		1/2		1/2		1/2		1/2	
3/4	989.77	3/4	735.68	3/4	481.88	3/4	227.83	3/4	1.34	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED BY: 05/17/2021 JS  
CALCULATED: 05/17/2021 CL  
PRINTED: 05/18/2021 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2021

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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