



# BARGE "EBL 2989"

## 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	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8
1 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8
2 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-5/8	00-5/8
2 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-5/8	00-5/8
3 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4
3 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS 00-1/4"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 1/4"

LENGTH BETWEEN DRAFT MARKS: 237'-06"

August 20, 2019

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>





# BARGE "EBL 2989"

## 1 PORT ULLAGE TABLE

### HERMETIC

GAUGE HEIGHT 17'-03 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0		0	5,056.04	0	4,720.48	0	4,363.07	0	4,005.66	0	3,648.26	0	3,290.84	0	2,933.43		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,051.51	1/4	4,713.03	1/4	4,355.62	1/4	3,998.21	1/4	3,640.81	1/4	3,283.40	1/4	2,925.99		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,046.99	1/2	4,705.59	1/2	4,348.18	1/2	3,990.77	1/2	3,633.36	1/2	3,275.95	1/2	2,918.54		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,042.47	3/4	4,698.14	3/4	4,340.73	3/4	3,983.32	3/4	3,625.91	3/4	3,268.50	3/4	2,911.10		
1		1		1		1	5,037.95	1	4,690.70	1	4,333.29	1	3,975.88	1	3,618.47	1	3,261.05	1	2,903.65		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,032.29	1/4	4,683.25	1/4	4,325.84	1/4	3,968.43	1/4	3,611.02	1/4	3,253.61	1/4	2,896.21		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,026.63	1/2	4,675.80	1/2	4,318.39	1/2	3,960.99	1/2	3,603.58	1/2	3,246.16	1/2	2,888.76		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,020.97	3/4	4,668.35	3/4	4,310.94	3/4	3,953.54	3/4	3,596.13	3/4	3,238.72	3/4	2,881.31		
2		2		2		2	5,015.32	2	4,660.91	2	4,303.50	2	3,946.10	2	3,588.69	2	3,231.27	2	2,873.86		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,008.53	1/4	4,653.46	1/4	4,296.05	1/4	3,938.65	1/4	3,581.24	1/4	3,223.83	1/4	2,866.42		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,001.74	1/2	4,646.02	1/2	4,288.61	1/2	3,931.20	1/2	3,573.79	1/2	3,216.38	1/2	2,858.97		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,994.95	3/4	4,638.57	3/4	4,281.16	3/4	3,923.75	3/4	3,566.34	3/4	3,208.94	3/4	2,851.53		
3		3		3		3	4,988.16	3	4,631.13	3	4,273.72	3	3,916.31	3	3,558.90	3	3,201.49	3	2,844.08		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,980.80	1/4	4,623.68	1/4	4,266.27	1/4	3,908.86	1/4	3,551.45	1/4	3,194.05	1/4	2,836.64		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,973.45	1/2	4,616.23	1/2	4,258.83	1/2	3,901.42	1/2	3,544.01	1/2	3,186.60	1/2	2,829.19		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,966.10	3/4	4,608.78	3/4	4,251.38	3/4	3,893.97	3/4	3,536.56	3/4	3,179.15	3/4	2,821.74		
4		4		4		4	4,958.75	4	4,601.34	4	4,243.94	4	3,886.53	4	3,529.12	4	3,171.70	4	2,814.29		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,951.30	1/4	4,593.89	1/4	4,236.49	1/4	3,879.08	1/4	3,521.67	1/4	3,164.26	1/4	2,806.85		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,943.86	1/2	4,586.45	1/2	4,229.04	1/2	3,871.63	1/2	3,514.23	1/2	3,156.81	1/2	2,799.40		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,936.41	3/4	4,579.00	3/4	4,221.59	3/4	3,864.18	3/4	3,506.78	3/4	3,149.37	3/4	2,791.96		
5		5		5		5	4,928.97	5	4,571.56	5	4,214.15	5	3,856.74	5	3,499.34	5	3,141.92	5	2,784.51		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,921.52	1/4	4,564.11	1/4	4,206.70	1/4	3,849.29	1/4	3,491.89	1/4	3,134.48	1/4	2,777.07		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,914.07	1/2	4,556.67	1/2	4,199.26	1/2	3,841.85	1/2	3,484.44	1/2	3,127.03	1/2	2,769.62		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,906.62	3/4	4,549.22	3/4	4,191.81	3/4	3,834.40	3/4	3,476.99	3/4	3,119.58	3/4	2,762.18		
6		6		6		6	4,899.18	6	4,541.78	6	4,184.37	6	3,826.96	6	3,469.54	6	3,112.13	6	2,754.73		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,891.73	1/4	4,534.33	1/4	4,176.92	1/4	3,819.51	1/4	3,462.10	1/4	3,104.69	1/4	2,747.29		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,884.29	1/2	4,526.88	1/2	4,169.47	1/2	3,812.07	1/2	3,454.65	1/2	3,097.24	1/2	2,739.84		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,876.84	3/4	4,519.43	3/4	4,162.02	3/4	3,804.62	3/4	3,447.21	3/4	3,089.80	3/4	2,732.39		
7		7		7		7	4,869.40	7	4,511.99	7	4,154.58	7	3,797.18	7	3,439.76	7	3,082.35	7	2,724.94		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,861.95	1/4	4,504.54	1/4	4,147.13	1/4	3,789.73	1/4	3,432.32	1/4	3,074.91	1/4	2,717.50		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,854.51	1/2	4,497.10	1/2	4,139.69	1/2	3,782.28	1/2	3,424.87	1/2	3,067.46	1/2	2,710.05		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,847.06	3/4	4,489.65	3/4	4,132.24	3/4	3,774.83	3/4	3,417.42	3/4	3,060.02	3/4	2,702.61		
8		8		8		8	4,839.62	8	4,482.21	8	4,124.80	8	3,767.39	8	3,409.97	8	3,052.57	8	2,695.16		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,832.17	1/4	4,474.76	1/4	4,117.35	1/4	3,759.94	1/4	3,402.53	1/4	3,045.13	1/4	2,687.72		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,824.72	1/2	4,467.31	1/2	4,109.91	1/2	3,752.50	1/2	3,395.08	1/2	3,037.68	1/2	2,680.27		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,817.27	3/4	4,459.86	3/4	4,102.46	3/4	3,745.05	3/4	3,387.64	3/4	3,030.23	3/4	2,672.82		
9		9		9		9	4,809.83	9	4,452.42	9	4,095.02	9	3,737.61	9	3,380.19	9	3,022.78	9	2,665.37		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,802.38	1/4	4,444.97	1/4	4,087.57	1/4	3,730.16	1/4	3,372.75	1/4	3,015.34	1/4	2,657.93		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,794.94	1/2	4,437.53	1/2	4,080.12	1/2	3,722.71	1/2	3,365.30	1/2	3,007.89	1/2	2,650.48		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,787.49	3/4	4,430.08	3/4	4,072.67	3/4	3,715.26	3/4	3,357.86	3/4	3,000.45	3/4	2,643.04		
10		10		10		10	4,780.05	10	4,422.64	10	4,065.23	10	3,707.82	10	3,350.41	10	2,993.00	10	2,635.59		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,772.60	1/4	4,415.19	1/4	4,057.78	1/4	3,700.37	1/4	3,342.97	1/4	2,985.56	1/4	2,628.15		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,765.15	1/2	4,407.75	1/2	4,050.34	1/2	3,692.93	1/2	3,335.52	1/2	2,978.11	1/2	2,620.70		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,757.70	3/4	4,400.30	3/4	4,042.89	3/4	3,685.48	3/4	3,328.07	3/4	2,970.66	3/4	2,613.26		
11		11		11		11	4,750.26	11	4,392.86	11	4,035.45	11	3,678.04	11	3,320.62	11	2,963.21	11	2,605.81		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,742.81	1/4	4,385.41	1/4	4,028.00	1/4	3,670.59	1/4	3,313.18	1/4	2,955.77	1/4	2,598.37		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,062.82	1/2	4,735.37	1/2	4,377.96	1/2	4,020.55	1/2	3,663.15	1/2	3,305.73	1/2	2,948.32	1/2	2,590.92
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,059.43	3/4	4,727.92	3/4	4,370.51	3/4	4,013.10	3/4	3,655.70	3/4	3,298.29	3/4	2,940.88	3/4	2,583.47

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "EBL 2989"

## 1 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-03 1/2"

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	2,576.02	0	2,218.61	0	1,861.21	0	1,503.80	0	1,146.39	0	788.98	0	430.50	0	92.68	0		0	
1/4	2,568.58	1/4	2,211.17	1/4	1,853.77	1/4	1,496.36	1/4	1,138.95	1/4	781.54	1/4	423.05	1/4	86.22	1/4		1/4	
1/2	2,561.13	1/2	2,203.72	1/2	1,846.32	1/2	1,488.91	1/2	1,131.50	1/2	774.09	1/2	415.60	1/2	79.75	1/2		1/2	
3/4	2,553.69	3/4	2,196.28	3/4	1,838.87	3/4	1,481.46	3/4	1,124.06	3/4	766.65	3/4	408.15	3/4	73.29	3/4		3/4	
1	2,546.24	1	2,188.83	1	1,831.42	1	1,474.01	1	1,116.61	1	759.20	1	400.69	1	66.82	1		1	
1/4	2,538.80	1/4	2,181.39	1/4	1,823.98	1/4	1,466.57	1/4	1,109.17	1/4	751.76	1/4	393.34	1/4	60.56	1/4		1/4	
1/2	2,531.35	1/2	2,173.94	1/2	1,816.53	1/2	1,459.12	1/2	1,101.72	1/2	744.31	1/2	385.98	1/2	54.30	1/2		1/2	
3/4	2,523.90	3/4	2,166.50	3/4	1,809.09	3/4	1,451.68	3/4	1,094.27	3/4	736.86	3/4	378.62	3/4	48.04	3/4		3/4	
2	2,516.45	2	2,159.05	2	1,801.64	2	1,444.23	2	1,086.82	2	729.41	2	371.26	2	41.78	2		2	
1/4	2,509.01	1/4	2,151.61	1/4	1,794.20	1/4	1,436.79	1/4	1,079.38	1/4	721.97	1/4	363.93	1/4	36.85	1/4		1/4	
1/2	2,501.56	1/2	2,144.16	1/2	1,786.75	1/2	1,429.34	1/2	1,071.93	1/2	714.52	1/2	356.60	1/2	31.91	1/2		1/2	
3/4	2,494.12	3/4	2,136.71	3/4	1,779.30	3/4	1,421.90	3/4	1,064.49	3/4	707.08	3/4	349.27	3/4	26.97	3/4		3/4	
3	2,486.67	3	2,129.26	3	1,771.85	3	1,414.45	3	1,057.04	3	699.63	3	341.94	3	22.03	3		3	
1/4	2,479.23	1/4	2,121.82	1/4	1,764.41	1/4	1,407.01	1/4	1,049.60	1/4	692.18	1/4	334.71	1/4	18.63	1/4		1/4	
1/2	2,471.78	1/2	2,114.37	1/2	1,756.96	1/2	1,399.56	1/2	1,042.15	1/2	684.73	1/2	327.47	1/2	15.22	1/2		1/2	
3/4	2,464.34	3/4	2,106.93	3/4	1,749.52	3/4	1,392.11	3/4	1,034.70	3/4	677.28	3/4	320.24	3/4		3/4		3/4	
4	2,456.89	4	2,099.48	4	1,742.07	4	1,384.66	4	1,027.25	4	669.83	4	313.00	4		4		4	
1/4	2,449.45	1/4	2,092.04	1/4	1,734.63	1/4	1,377.22	1/4	1,019.81	1/4	662.39	1/4	305.80	1/4		1/4		1/4	
1/2	2,442.00	1/2	2,084.59	1/2	1,727.18	1/2	1,369.77	1/2	1,012.36	1/2	654.95	1/2	298.60	1/2		1/2		1/2	
3/4	2,434.55	3/4	2,077.14	3/4	1,719.74	3/4	1,362.33	3/4	1,004.92	3/4	647.51	3/4	291.40	3/4		3/4		3/4	
5	2,427.10	5	2,069.69	5	1,712.29	5	1,354.88	5	997.47	5	640.06	5	284.19	5		5		5	
1/4	2,419.66	1/4	2,062.25	1/4	1,704.85	1/4	1,347.44	1/4	990.03	1/4	632.62	1/4	277.09	1/4		1/4		1/4	
1/2	2,412.21	1/2	2,054.80	1/2	1,697.40	1/2	1,339.99	1/2	982.58	1/2	625.17	1/2	269.98	1/2		1/2		1/2	
3/4	2,404.77	3/4	2,047.36	3/4	1,689.95	3/4	1,332.54	3/4	975.14	3/4	617.73	3/4	262.87	3/4		3/4		3/4	
6	2,397.32	6	2,039.91	6	1,682.50	6	1,325.09	6	967.69	6	610.28	6	255.76	6		6		6	
1/4	2,389.88	1/4	2,032.47	1/4	1,675.06	1/4	1,317.65	1/4	960.25	1/4	602.84	1/4	248.69	1/4		1/4		1/4	
1/2	2,382.43	1/2	2,025.02	1/2	1,667.61	1/2	1,310.20	1/2	952.80	1/2	595.39	1/2	241.61	1/2		1/2		1/2	
3/4	2,374.98	3/4	2,017.58	3/4	1,660.17	3/4	1,302.76	3/4	945.35	3/4	587.94	3/4	234.53	3/4		3/4		3/4	
7	2,367.53	7	2,010.13	7	1,652.72	7	1,295.31	7	937.90	7	580.49	7	227.45	7		7		7	
1/4	2,360.09	1/4	2,002.69	1/4	1,645.28	1/4	1,287.87	1/4	930.46	1/4	573.05	1/4	220.47	1/4		1/4		1/4	
1/2	2,352.64	1/2	1,995.24	1/2	1,637.83	1/2	1,280.42	1/2	923.01	1/2	565.60	1/2	213.49	1/2		1/2		1/2	
3/4	2,345.20	3/4	1,987.79	3/4	1,630.38	3/4	1,272.98	3/4	915.57	3/4	558.16	3/4	206.51	3/4		3/4		3/4	
8	2,337.75	8	1,980.34	8	1,622.93	8	1,265.53	8	908.12	8	550.71	8	199.52	8		8		8	
1/4	2,330.31	1/4	1,972.90	1/4	1,615.49	1/4	1,258.09	1/4	900.68	1/4	543.27	1/4	192.57	1/4		1/4		1/4	
1/2	2,322.86	1/2	1,965.45	1/2	1,608.04	1/2	1,250.64	1/2	893.23	1/2	535.82	1/2	185.62	1/2		1/2		1/2	
3/4	2,315.42	3/4	1,958.01	3/4	1,600.60	3/4	1,243.19	3/4	885.78	3/4	528.38	3/4	178.67	3/4		3/4		3/4	
9	2,307.97	9	1,950.56	9	1,593.15	9	1,235.74	9	878.33	9	520.93	9	171.71	9		9		9	
1/4	2,300.53	1/4	1,943.12	1/4	1,585.71	1/4	1,228.30	1/4	870.89	1/4	513.39	1/4	165.04	1/4		1/4		1/4	
1/2	2,293.08	1/2	1,935.67	1/2	1,578.26	1/2	1,220.85	1/2	863.44	1/2	505.84	1/2	158.36	1/2		1/2		1/2	
3/4	2,285.63	3/4	1,928.22	3/4	1,570.82	3/4	1,213.41	3/4	856.00	3/4	498.30	3/4	151.68	3/4		3/4		3/4	
10	2,278.18	10	1,920.77	10	1,563.37	10	1,205.96	10	848.55	10	490.75	10	145.00	10		10		10	
1/4	2,270.74	1/4	1,913.33	1/4	1,555.93	1/4	1,198.52	1/4	841.11	1/4	483.17	1/4	138.42	1/4		1/4		1/4	
1/2	2,263.29	1/2	1,905.88	1/2	1,548.48	1/2	1,191.07	1/2	833.66	1/2	475.59	1/2	131.83	1/2		1/2		1/2	
3/4	2,255.85	3/4	1,898.44	3/4	1,541.03	3/4	1,183.62	3/4	826.22	3/4	468.01	3/4	125.25	3/4		3/4		3/4	
11	2,248.40	11	1,890.99	11	1,533.58	11	1,176.17	11	818.77	11	460.43	11	118.66	11		11		11	
1/4	2,240.96	1/4	1,883.55	1/4	1,526.14	1/4	1,168.73	1/4	811.33	1/4	452.95	1/4	112.17	1/4		1/4		1/4	
1/2	2,233.51	1/2	1,876.10	1/2	1,518.69	1/2	1,161.28	1/2	803.88	1/2	445.47	1/2	105.67	1/2		1/2		1/2	
3/4	2,226.06	3/4	1,868.66	3/4	1,511.25	3/4	1,153.84	3/4	796.43	3/4	437.99	3/4	99.18	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/06/2009 INS  
RECALCULATED: 08/20/2019 SW  
REPRINTED: 08/26/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

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



# BARGE "EBL 2989"

## 1 STBD ULLAGE TABLE

### HERMETIC GAUGE HEIGHT 17'-03"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	5,046.99	0	4,705.59	0	4,348.18	0	3,990.77	0	3,633.36	0	3,275.95	0	2,918.54
1/4		1/4		1/4		1/4	5,042.47	1/4	4,698.14	1/4	4,340.73	1/4	3,983.32	1/4	3,625.91	1/4	3,268.50	1/4	2,911.10
1/2		1/2		1/2		1/2	5,037.95	1/2	4,690.70	1/2	4,333.29	1/2	3,975.88	1/2	3,618.47	1/2	3,261.05	1/2	2,903.65
3/4		3/4		3/4		3/4	5,032.29	3/4	4,683.25	3/4	4,325.84	3/4	3,968.43	3/4	3,611.02	3/4	3,253.61	3/4	2,896.21
1		1		1		1	5,026.63	1	4,675.80	1	4,318.39	1	3,960.99	1	3,603.58	1	3,246.16	1	2,888.76
1/4		1/4		1/4		1/4	5,020.97	1/4	4,668.35	1/4	4,310.94	1/4	3,953.54	1/4	3,596.13	1/4	3,238.72	1/4	2,881.31
1/2		1/2		1/2		1/2	5,015.32	1/2	4,660.91	1/2	4,303.50	1/2	3,946.10	1/2	3,588.69	1/2	3,231.27	1/2	2,873.86
3/4		3/4		3/4		3/4	5,008.53	3/4	4,653.46	3/4	4,296.05	3/4	3,938.65	3/4	3,581.24	3/4	3,223.83	3/4	2,866.42
2		2		2		2	5,001.74	2	4,646.02	2	4,288.61	2	3,931.20	2	3,573.79	2	3,216.38	2	2,858.97
1/4		1/4		1/4		1/4	4,994.95	1/4	4,638.57	1/4	4,281.16	1/4	3,923.75	1/4	3,566.34	1/4	3,208.94	1/4	2,851.53
1/2		1/2		1/2		1/2	4,988.16	1/2	4,631.13	1/2	4,273.72	1/2	3,916.31	1/2	3,558.90	1/2	3,201.49	1/2	2,844.08
3/4		3/4		3/4		3/4	4,980.80	3/4	4,623.68	3/4	4,266.27	3/4	3,908.86	3/4	3,551.45	3/4	3,194.05	3/4	2,836.64
3		3		3		3	4,973.45	3	4,616.23	3	4,258.83	3	3,901.42	3	3,544.01	3	3,186.60	3	2,829.19
1/4		1/4		1/4		1/4	4,966.10	1/4	4,608.78	1/4	4,251.38	1/4	3,893.97	1/4	3,536.56	1/4	3,179.15	1/4	2,821.74
1/2		1/2		1/2		1/2	4,958.75	1/2	4,601.34	1/2	4,243.94	1/2	3,886.53	1/2	3,529.12	1/2	3,171.70	1/2	2,814.29
3/4		3/4		3/4		3/4	4,951.30	3/4	4,593.89	3/4	4,236.49	3/4	3,879.08	3/4	3,521.67	3/4	3,164.26	3/4	2,806.85
4		4		4		4	4,943.86	4	4,586.45	4	4,229.04	4	3,871.63	4	3,514.23	4	3,156.81	4	2,799.40
1/4		1/4		1/4		1/4	4,936.41	1/4	4,579.00	1/4	4,221.59	1/4	3,864.18	1/4	3,506.78	1/4	3,149.37	1/4	2,791.96
1/2		1/2		1/2		1/2	4,928.97	1/2	4,571.56	1/2	4,214.15	1/2	3,856.74	1/2	3,499.34	1/2	3,141.92	1/2	2,784.51
3/4		3/4		3/4		3/4	4,921.52	3/4	4,564.11	3/4	4,206.70	3/4	3,849.29	3/4	3,491.89	3/4	3,134.48	3/4	2,777.07
5		5		5		5	4,914.07	5	4,556.67	5	4,199.26	5	3,841.85	5	3,484.44	5	3,127.03	5	2,769.62
1/4		1/4		1/4		1/4	4,906.62	1/4	4,549.22	1/4	4,191.81	1/4	3,834.40	1/4	3,476.99	1/4	3,119.58	1/4	2,762.18
1/2		1/2		1/2		1/2	4,899.18	1/2	4,541.78	1/2	4,184.37	1/2	3,826.96	1/2	3,469.54	1/2	3,112.13	1/2	2,754.73
3/4		3/4		3/4		3/4	4,891.73	3/4	4,534.33	3/4	4,176.92	3/4	3,819.51	3/4	3,462.10	3/4	3,104.69	3/4	2,747.29
6		6		6		6	4,884.29	6	4,526.88	6	4,169.47	6	3,812.07	6	3,454.65	6	3,097.24	6	2,739.84
1/4		1/4		1/4		1/4	4,876.84	1/4	4,519.43	1/4	4,162.02	1/4	3,804.62	1/4	3,447.21	1/4	3,089.80	1/4	2,732.39
1/2		1/2		1/2		1/2	4,869.40	1/2	4,511.99	1/2	4,154.58	1/2	3,797.18	1/2	3,439.76	1/2	3,082.35	1/2	2,724.94
3/4		3/4		3/4		3/4	4,861.95	3/4	4,504.54	3/4	4,147.13	3/4	3,789.73	3/4	3,432.32	3/4	3,074.91	3/4	2,717.50
7		7		7		7	4,854.51	7	4,497.10	7	4,139.69	7	3,782.28	7	3,424.87	7	3,067.46	7	2,710.05
1/4		1/4		1/4		1/4	4,847.06	1/4	4,489.65	1/4	4,132.24	1/4	3,774.83	1/4	3,417.42	1/4	3,060.02	1/4	2,702.61
1/2		1/2		1/2		1/2	4,839.62	1/2	4,482.21	1/2	4,124.80	1/2	3,767.39	1/2	3,409.97	1/2	3,052.57	1/2	2,695.16
3/4		3/4		3/4		3/4	4,832.17	3/4	4,474.76	3/4	4,117.35	3/4	3,759.94	3/4	3,402.53	3/4	3,045.13	3/4	2,687.72
8		8		8		8	4,824.72	8	4,467.31	8	4,109.91	8	3,752.50	8	3,395.08	8	3,037.68	8	2,680.27
1/4		1/4		1/4		1/4	4,817.27	1/4	4,459.86	1/4	4,102.46	1/4	3,745.05	1/4	3,387.64	1/4	3,030.23	1/4	2,672.82
1/2		1/2		1/2		1/2	4,809.83	1/2	4,452.42	1/2	4,095.02	1/2	3,737.61	1/2	3,380.19	1/2	3,022.78	1/2	2,665.37
3/4		3/4		3/4		3/4	4,802.38	3/4	4,444.97	3/4	4,087.57	3/4	3,730.16	3/4	3,372.75	3/4	3,015.34	3/4	2,657.93
9		9		9		9	4,794.94	9	4,437.53	9	4,080.12	9	3,722.71	9	3,365.30	9	3,007.89	9	2,650.48
1/4		1/4		1/4		1/4	4,787.49	1/4	4,430.08	1/4	4,072.67	1/4	3,715.26	1/4	3,357.86	1/4	3,000.45	1/4	2,643.04
1/2		1/2		1/2		1/2	4,780.05	1/2	4,422.64	1/2	4,065.23	1/2	3,707.82	1/2	3,350.41	1/2	2,993.00	1/2	2,635.59
3/4		3/4		3/4		3/4	4,772.60	3/4	4,415.19	3/4	4,057.78	3/4	3,700.37	3/4	3,342.97	3/4	2,985.56	3/4	2,628.15
10		10		10		10	4,765.15	10	4,407.75	10	4,050.34	10	3,692.93	10	3,335.52	10	2,978.11	10	2,620.70
1/4		1/4		1/4		1/4	4,757.70	1/4	4,400.30	1/4	4,042.89	1/4	3,685.48	1/4	3,328.07	1/4	2,970.66	1/4	2,613.26
1/2		1/2		1/2		1/2	4,750.26	1/2	4,392.86	1/2	4,035.45	1/2	3,678.04	1/2	3,320.62	1/2	2,963.21	1/2	2,605.81
3/4		3/4		3/4		3/4	4,742.81	3/4	4,385.41	3/4	4,028.00	3/4	3,670.59	3/4	3,313.18	3/4	2,955.77	3/4	2,598.37
11		11		11	5,062.82	11	4,735.37	11	4,377.96	11	4,020.55	11	3,663.15	11	3,305.73	11	2,948.32	11	2,590.92
1/4		1/4		1/4	5,059.43	1/4	4,727.92	1/4	4,370.51	1/4	4,013.10	1/4	3,655.70	1/4	3,298.29	1/4	2,940.88	1/4	2,583.47
1/2		1/2		1/2	5,056.04	1/2	4,720.48	1/2	4,363.07	1/2	4,005.66	1/2	3,648.26	1/2	3,290.84	1/2	2,933.43	1/2	2,576.02
3/4		3/4		3/4	5,051.51	3/4	4,713.03	3/4	4,355.62	3/4	3,998.21	3/4	3,640.81	3/4	3,283.40	3/4	2,925.99	3/4	2,568.58

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "EBL 2989"

1 STBD

ULLAGE TABLE  
HERMETIC

GAUGE HEIGHT 17'-03"

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	2,561.13	0	2,203.72	0	1,846.32	0	1,488.91	0	1,131.50	0	774.09	0	415.60	0	79.75	0		0	
1/4	2,553.69	1/4	2,196.28	1/4	1,838.87	1/4	1,481.46	1/4	1,124.06	1/4	766.65	1/4	408.15	1/4	73.29	1/4		1/4	
1/2	2,546.24	1/2	2,188.83	1/2	1,831.42	1/2	1,474.01	1/2	1,116.61	1/2	759.20	1/2	400.69	1/2	66.82	1/2		1/2	
3/4	2,538.80	3/4	2,181.39	3/4	1,823.98	3/4	1,466.57	3/4	1,109.17	3/4	751.76	3/4	393.34	3/4	60.56	3/4		3/4	
1	2,531.35	1	2,173.94	1	1,816.53	1	1,459.12	1	1,101.72	1	744.31	1	385.98	1	54.30	1		1	
1/4	2,523.90	1/4	2,166.50	1/4	1,809.09	1/4	1,451.68	1/4	1,094.27	1/4	736.86	1/4	378.62	1/4	48.04	1/4		1/4	
1/2	2,516.45	1/2	2,159.05	1/2	1,801.64	1/2	1,444.23	1/2	1,086.82	1/2	729.41	1/2	371.26	1/2	41.78	1/2		1/2	
3/4	2,509.01	3/4	2,151.61	3/4	1,794.20	3/4	1,436.79	3/4	1,079.38	3/4	721.97	3/4	363.93	3/4	36.85	3/4		3/4	
2	2,501.56	2	2,144.16	2	1,786.75	2	1,429.34	2	1,071.93	2	714.52	2	356.60	2	31.91	2		2	
1/4	2,494.12	1/4	2,136.71	1/4	1,779.30	1/4	1,421.90	1/4	1,064.49	1/4	707.08	1/4	349.27	1/4	26.97	1/4		1/4	
1/2	2,486.67	1/2	2,129.26	1/2	1,771.85	1/2	1,414.45	1/2	1,057.04	1/2	699.63	1/2	341.94	1/2	22.03	1/2		1/2	
3/4	2,479.23	3/4	2,121.82	3/4	1,764.41	3/4	1,407.01	3/4	1,049.60	3/4	692.18	3/4	334.71	3/4	18.63	3/4		3/4	
3	2,471.78	3	2,114.37	3	1,756.96	3	1,399.56	3	1,042.15	3	684.73	3	327.47	3	15.22	3		3	
1/4	2,464.34	1/4	2,106.93	1/4	1,749.52	1/4	1,392.11	1/4	1,034.70	1/4	677.28	1/4	320.24	1/4		1/4		1/4	
1/2	2,456.89	1/2	2,099.48	1/2	1,742.07	1/2	1,384.66	1/2	1,027.25	1/2	669.83	1/2	313.00	1/2		1/2		1/2	
3/4	2,449.45	3/4	2,092.04	3/4	1,734.63	3/4	1,377.22	3/4	1,019.81	3/4	662.39	3/4	305.80	3/4		3/4		3/4	
4	2,442.00	4	2,084.59	4	1,727.18	4	1,369.77	4	1,012.36	4	654.95	4	298.60	4		4		4	
1/4	2,434.55	1/4	2,077.14	1/4	1,719.74	1/4	1,362.33	1/4	1,004.92	1/4	647.51	1/4	291.40	1/4		1/4		1/4	
1/2	2,427.10	1/2	2,069.69	1/2	1,712.29	1/2	1,354.88	1/2	997.47	1/2	640.06	1/2	284.19	1/2		1/2		1/2	
3/4	2,419.66	3/4	2,062.25	3/4	1,704.85	3/4	1,347.44	3/4	990.03	3/4	632.62	3/4	277.09	3/4		3/4		3/4	
5	2,412.21	5	2,054.80	5	1,697.40	5	1,339.99	5	982.58	5	625.17	5	269.98	5		5		5	
1/4	2,404.77	1/4	2,047.36	1/4	1,689.95	1/4	1,332.54	1/4	975.14	1/4	617.73	1/4	262.87	1/4		1/4		1/4	
1/2	2,397.32	1/2	2,039.91	1/2	1,682.50	1/2	1,325.09	1/2	967.69	1/2	610.28	1/2	255.76	1/2		1/2		1/2	
3/4	2,389.88	3/4	2,032.47	3/4	1,675.06	3/4	1,317.65	3/4	960.25	3/4	602.84	3/4	248.69	3/4		3/4		3/4	
6	2,382.43	6	2,025.02	6	1,667.61	6	1,310.20	6	952.80	6	595.39	6	241.61	6		6		6	
1/4	2,374.98	1/4	2,017.58	1/4	1,660.17	1/4	1,302.76	1/4	945.35	1/4	587.94	1/4	234.53	1/4		1/4		1/4	
1/2	2,367.53	1/2	2,010.13	1/2	1,652.72	1/2	1,295.31	1/2	937.90	1/2	580.49	1/2	227.45	1/2		1/2		1/2	
3/4	2,360.09	3/4	2,002.69	3/4	1,645.28	3/4	1,287.87	3/4	930.46	3/4	573.05	3/4	220.47	3/4		3/4		3/4	
7	2,352.64	7	1,995.24	7	1,637.83	7	1,280.42	7	923.01	7	565.60	7	213.49	7		7		7	
1/4	2,345.20	1/4	1,987.79	1/4	1,630.38	1/4	1,272.98	1/4	915.57	1/4	558.16	1/4	206.51	1/4		1/4		1/4	
1/2	2,337.75	1/2	1,980.34	1/2	1,622.93	1/2	1,265.53	1/2	908.12	1/2	550.71	1/2	199.52	1/2		1/2		1/2	
3/4	2,330.31	3/4	1,972.90	3/4	1,615.49	3/4	1,258.09	3/4	900.68	3/4	543.27	3/4	192.57	3/4		3/4		3/4	
8	2,322.86	8	1,965.45	8	1,608.04	8	1,250.64	8	893.23	8	535.82	8	185.62	8		8		8	
1/4	2,315.42	1/4	1,958.01	1/4	1,600.60	1/4	1,243.19	1/4	885.78	1/4	528.38	1/4	178.67	1/4		1/4		1/4	
1/2	2,307.97	1/2	1,950.56	1/2	1,593.15	1/2	1,235.74	1/2	878.33	1/2	520.93	1/2	171.71	1/2		1/2		1/2	
3/4	2,300.53	3/4	1,943.12	3/4	1,585.71	3/4	1,228.30	3/4	870.89	3/4	513.39	3/4	165.04	3/4		3/4		3/4	
9	2,293.08	9	1,935.67	9	1,578.26	9	1,220.85	9	863.44	9	505.84	9	158.36	9		9		9	
1/4	2,285.63	1/4	1,928.22	1/4	1,570.82	1/4	1,213.41	1/4	856.00	1/4	498.30	1/4	151.68	1/4		1/4		1/4	
1/2	2,278.18	1/2	1,920.77	1/2	1,563.37	1/2	1,205.96	1/2	848.55	1/2	490.75	1/2	145.00	1/2		1/2		1/2	
3/4	2,270.74	3/4	1,913.33	3/4	1,555.93	3/4	1,198.52	3/4	841.11	3/4	483.17	3/4	138.42	3/4		3/4		3/4	
10	2,263.29	10	1,905.88	10	1,548.48	10	1,191.07	10	833.66	10	475.59	10	131.83	10		10		10	
1/4	2,255.85	1/4	1,898.44	1/4	1,541.03	1/4	1,183.62	1/4	826.22	1/4	468.01	1/4	125.25	1/4		1/4		1/4	
1/2	2,248.40	1/2	1,890.99	1/2	1,533.58	1/2	1,176.17	1/2	818.77	1/2	460.43	1/2	118.66	1/2		1/2		1/2	
3/4	2,240.96	3/4	1,883.55	3/4	1,526.14	3/4	1,168.73	3/4	811.33	3/4	452.95	3/4	112.17	3/4		3/4		3/4	
11	2,233.51	11	1,876.10	11	1,518.69	11	1,161.28	11	803.88	11	445.47	11	105.67	11		11		11	
1/4	2,226.06	1/4	1,868.66	1/4	1,511.25	1/4	1,153.84	1/4	796.43	1/4	437.99	1/4	99.18	1/4		1/4		1/4	
1/2	2,218.61	1/2	1,861.21	1/2	1,503.80	1/2	1,146.39	1/2	788.98	1/2	430.50	1/2	92.68	1/2		1/2		1/2	
3/4	2,211.17	3/4	1,853.77	3/4	1,496.36	3/4	1,138.95	3/4	781.54	3/4	423.05	3/4	86.22	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/06/2009 INS  
RECALCULATED: 08/20/2019 SW  
REPRINTED: 08/26/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

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



# BARGE "EBL 2989"

## 2 PORT ULLAGE TABLE

### HERMETIC

GAUGE HEIGHT 17'-03 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	5,096.24	0	4,773.02	0	4,415.80	0	4,054.79	0	3,693.79	0	3,332.78	0	2,971.77
1/4		1/4		1/4		1/4	5,091.98	1/4	4,765.88	1/4	4,408.28	1/4	4,047.27	1/4	3,686.27	1/4	3,325.26	1/4	2,964.25
1/2		1/2		1/2		1/2	5,087.72	1/2	4,758.74	1/2	4,400.76	1/2	4,039.75	1/2	3,678.75	1/2	3,317.74	1/2	2,956.73
3/4		3/4		3/4		3/4	5,083.46	3/4	4,751.60	3/4	4,393.24	3/4	4,032.23	3/4	3,671.22	3/4	3,310.21	3/4	2,949.21
1		1		1		1	5,078.13	1	4,744.45	1	4,385.72	1	4,024.71	1	3,663.70	1	3,302.69	1	2,941.69
1/4		1/4		1/4		1/4	5,072.81	1/4	4,737.31	1/4	4,378.20	1/4	4,017.19	1/4	3,656.18	1/4	3,295.17	1/4	2,934.17
1/2		1/2		1/2		1/2	5,067.48	1/2	4,730.17	1/2	4,370.68	1/2	4,009.67	1/2	3,648.66	1/2	3,287.65	1/2	2,926.65
3/4		3/4		3/4		3/4	5,062.16	3/4	4,723.03	3/4	4,363.15	3/4	4,002.15	3/4	3,641.14	3/4	3,280.13	3/4	2,919.12
2		2		2		2	5,055.80	2	4,715.79	2	4,355.63	2	3,994.63	2	3,633.62	2	3,272.61	2	2,911.60
1/4		1/4		1/4		1/4	5,049.45	1/4	4,708.56	1/4	4,348.11	1/4	3,987.11	1/4	3,626.10	1/4	3,265.09	1/4	2,904.08
1/2		1/2		1/2		1/2	5,043.10	1/2	4,701.32	1/2	4,340.59	1/2	3,979.59	1/2	3,618.58	1/2	3,257.57	1/2	2,896.56
3/4		3/4		3/4		3/4	5,036.75	3/4	4,694.09	3/4	4,333.07	3/4	3,972.06	3/4	3,611.05	3/4	3,250.05	3/4	2,889.04
3		3		3		3	5,029.74	3	4,686.56	3	4,325.55	3	3,964.54	3	3,603.53	3	3,242.53	3	2,881.52
1/4		1/4		1/4		1/4	5,022.73	1/4	4,679.04	1/4	4,318.03	1/4	3,957.02	1/4	3,596.01	1/4	3,235.01	1/4	2,874.00
1/2		1/2		1/2		1/2	5,015.72	1/2	4,671.52	1/2	4,310.51	1/2	3,949.50	1/2	3,588.49	1/2	3,227.49	1/2	2,866.48
3/4		3/4		3/4		3/4	5,008.71	3/4	4,664.00	3/4	4,302.99	3/4	3,941.98	3/4	3,580.97	3/4	3,219.96	3/4	2,858.95
4		4		4		4	5,001.57	4	4,656.48	4	4,295.47	4	3,934.46	4	3,573.45	4	3,212.44	4	2,851.43
1/4		1/4		1/4		1/4	4,994.43	1/4	4,648.96	1/4	4,287.95	1/4	3,926.94	1/4	3,565.93	1/4	3,204.92	1/4	2,843.91
1/2		1/2		1/2		1/2	4,987.29	1/2	4,641.44	1/2	4,280.43	1/2	3,919.42	1/2	3,558.41	1/2	3,197.40	1/2	2,836.39
3/4		3/4		3/4		3/4	4,980.15	3/4	4,633.92	3/4	4,272.90	3/4	3,911.89	3/4	3,550.89	3/4	3,189.88	3/4	2,828.87
5		5		5		5	4,973.00	5	4,626.40	5	4,265.38	5	3,904.37	5	3,543.37	5	3,182.36	5	2,821.35
1/4		1/4		1/4		1/4	4,965.86	1/4	4,618.88	1/4	4,257.86	1/4	3,896.85	1/4	3,535.85	1/4	3,174.84	1/4	2,813.83
1/2		1/2		1/2		1/2	4,958.72	1/2	4,611.36	1/2	4,250.34	1/2	3,889.33	1/2	3,528.33	1/2	3,167.32	1/2	2,806.31
3/4		3/4		3/4		3/4	4,951.58	3/4	4,603.84	3/4	4,242.82	3/4	3,881.81	3/4	3,520.80	3/4	3,159.79	3/4	2,798.79
6		6		6		6	4,944.43	6	4,596.31	6	4,235.30	6	3,874.29	6	3,513.28	6	3,152.27	6	2,791.27
1/4		1/4		1/4		1/4	4,937.29	1/4	4,588.79	1/4	4,227.78	1/4	3,866.77	1/4	3,505.76	1/4	3,144.75	1/4	2,783.75
1/2		1/2		1/2		1/2	4,930.15	1/2	4,581.27	1/2	4,220.26	1/2	3,859.25	1/2	3,498.24	1/2	3,137.23	1/2	2,776.23
3/4		3/4		3/4		3/4	4,923.01	3/4	4,573.75	3/4	4,212.73	3/4	3,851.73	3/4	3,490.72	3/4	3,129.71	3/4	2,768.70
7		7		7		7	4,915.86	7	4,566.23	7	4,205.21	7	3,844.21	7	3,483.20	7	3,122.19	7	2,761.18
1/4		1/4		1/4		1/4	4,908.72	1/4	4,558.71	1/4	4,197.69	1/4	3,836.69	1/4	3,475.68	1/4	3,114.67	1/4	2,753.66
1/2		1/2		1/2		1/2	4,901.58	1/2	4,551.18	1/2	4,190.17	1/2	3,829.17	1/2	3,468.16	1/2	3,107.15	1/2	2,746.14
3/4		3/4		3/4		3/4	4,894.44	3/4	4,543.66	3/4	4,182.65	3/4	3,821.64	3/4	3,460.63	3/4	3,099.63	3/4	2,738.62
8		8		8		8	4,887.29	8	4,536.14	8	4,175.13	8	3,814.12	8	3,453.11	8	3,092.11	8	2,731.10
1/4		1/4		1/4		1/4	4,880.15	1/4	4,528.62	1/4	4,167.61	1/4	3,806.60	1/4	3,445.59	1/4	3,084.59	1/4	2,723.58
1/2		1/2		1/2		1/2	4,873.01	1/2	4,521.10	1/2	4,160.09	1/2	3,799.08	1/2	3,438.07	1/2	3,077.07	1/2	2,716.06
3/4		3/4		3/4		3/4	4,865.87	3/4	4,513.57	3/4	4,152.57	3/4	3,791.56	3/4	3,430.55	3/4	3,069.54	3/4	2,708.53
9		9		9		9	4,858.73	9	4,506.05	9	4,145.05	9	3,784.04	9	3,423.03	9	3,062.02	9	2,701.01
1/4		1/4		1/4		1/4	4,851.59	1/4	4,498.53	1/4	4,137.53	1/4	3,776.52	1/4	3,415.51	1/4	3,054.50	1/4	2,693.49
1/2		1/2		1/2		1/2	4,844.45	1/2	4,491.01	1/2	4,130.01	1/2	3,769.00	1/2	3,407.99	1/2	3,046.98	1/2	2,685.97
3/4		3/4		3/4		3/4	4,837.31	3/4	4,483.49	3/4	4,122.48	3/4	3,761.47	3/4	3,400.47	3/4	3,039.46	3/4	2,678.45
10		10		10		10	4,830.16	10	4,475.97	10	4,114.96	10	3,753.95	10	3,392.95	10	3,031.94	10	2,670.93
1/4		1/4		1/4		1/4	4,823.02	1/4	4,468.45	1/4	4,107.44	1/4	3,746.43	1/4	3,385.43	1/4	3,024.42	1/4	2,663.41
1/2		1/2		1/2		1/2	4,815.88	1/2	4,460.93	1/2	4,099.92	1/2	3,738.91	1/2	3,377.91	1/2	3,016.90	1/2	2,655.89
3/4		3/4		3/4		3/4	4,808.74	3/4	4,453.41	3/4	4,092.40	3/4	3,731.39	3/4	3,370.38	3/4	3,009.37	3/4	2,648.37
11		11		11		11	4,801.59	11	4,445.89	11	4,084.88	11	3,723.87	11	3,362.86	11	3,001.85	11	2,640.85
1/4		1/4		1/4		1/4	5,106.88	1/4	4,794.45	1/4	4,438.37	1/4	4,077.36	1/4	3,716.35	1/4	3,355.34	1/4	2,994.33
1/2		1/2		1/2		1/2	5,103.69	1/2	4,787.31	1/2	4,430.85	1/2	4,069.84	1/2	3,708.83	1/2	3,347.82	1/2	2,986.81
3/4		3/4		3/4		3/4	5,100.50	3/4	4,780.17	3/4	4,423.32	3/4	4,062.31	3/4	3,701.31	3/4	3,340.30	3/4	2,979.29

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 40'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "EBL 2989"

## 2 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-03 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	2,610.76	0	2,249.75	0	1,888.74	0	1,527.74	0	1,166.73	0	805.72	0	444.71	0	90.75	0		0	
1/4	2,603.24	1/4	2,242.23	1/4	1,881.22	1/4	1,520.22	1/4	1,159.21	1/4	798.20	1/4	437.19	1/4	83.82	1/4		1/4	
1/2	2,595.72	1/2	2,234.71	1/2	1,873.70	1/2	1,512.70	1/2	1,151.69	1/2	790.68	1/2	429.67	1/2	76.89	1/2		1/2	
3/4	2,588.20	3/4	2,227.19	3/4	1,866.18	3/4	1,505.17	3/4	1,144.17	3/4	783.16	3/4	422.15	3/4	69.95	3/4		3/4	
1	2,580.68	1	2,219.67	1	1,858.66	1	1,497.65	1	1,136.65	1	775.64	1	414.63	1	63.14	1		1	
1/4	2,573.16	1/4	2,212.15	1/4	1,851.14	1/4	1,490.13	1/4	1,129.13	1/4	768.12	1/4	407.11	1/4	56.33	1/4		1/4	
1/2	2,565.64	1/2	2,204.63	1/2	1,843.62	1/2	1,482.61	1/2	1,121.61	1/2	760.60	1/2	399.59	1/2	49.52	1/2		1/2	
3/4	2,558.11	3/4	2,197.11	3/4	1,836.10	3/4	1,475.09	3/4	1,114.08	3/4	753.07	3/4	392.07	3/4	42.71	3/4		3/4	
2	2,550.59	2	2,189.59	2	1,828.58	2	1,467.57	2	1,106.56	2	745.55	2	384.55	2	37.43	2		2	
1/4	2,543.07	1/4	2,182.07	1/4	1,821.06	1/4	1,460.05	1/4	1,099.04	1/4	738.03	1/4	377.03	1/4	32.15	1/4		1/4	
1/2	2,535.55	1/2	2,174.55	1/2	1,813.54	1/2	1,452.53	1/2	1,091.52	1/2	730.51	1/2	369.51	1/2	26.87	1/2		1/2	
3/4	2,528.03	3/4	2,167.02	3/4	1,806.01	3/4	1,445.01	3/4	1,084.00	3/4	722.99	3/4	361.98	3/4	21.59	3/4		3/4	
3	2,520.51	3	2,159.50	3	1,798.49	3	1,437.49	3	1,076.48	3	715.47	3	354.46	3	18.06	3		3	
1/4	2,512.99	1/4	2,151.98	1/4	1,790.97	1/4	1,429.97	1/4	1,068.96	1/4	707.95	1/4	346.94	1/4	14.53	1/4		1/4	
1/2	2,505.47	1/2	2,144.46	1/2	1,783.45	1/2	1,422.45	1/2	1,061.44	1/2	700.43	1/2	339.42	1/2		1/2		1/2	
3/4	2,497.95	3/4	2,136.94	3/4	1,775.93	3/4	1,414.92	3/4	1,053.91	3/4	692.90	3/4	331.90	3/4		3/4		3/4	
4	2,490.43	4	2,129.42	4	1,768.41	4	1,407.40	4	1,046.39	4	685.38	4	324.38	4		4		4	
1/4	2,482.91	1/4	2,121.90	1/4	1,760.89	1/4	1,399.88	1/4	1,038.87	1/4	677.86	1/4	316.86	1/4		1/4		1/4	
1/2	2,475.39	1/2	2,114.38	1/2	1,753.37	1/2	1,392.36	1/2	1,031.35	1/2	670.34	1/2	309.34	1/2		1/2		1/2	
3/4	2,467.86	3/4	2,106.85	3/4	1,745.84	3/4	1,384.84	3/4	1,023.83	3/4	662.82	3/4	301.81	3/4		3/4		3/4	
5	2,460.34	5	2,099.33	5	1,738.32	5	1,377.32	5	1,016.31	5	655.30	5	294.29	5		5		5	
1/4	2,452.82	1/4	2,091.81	1/4	1,730.80	1/4	1,369.80	1/4	1,008.79	1/4	647.78	1/4	286.77	1/4		1/4		1/4	
1/2	2,445.30	1/2	2,084.29	1/2	1,723.28	1/2	1,362.28	1/2	1,001.27	1/2	640.26	1/2	279.25	1/2		1/2		1/2	
3/4	2,437.78	3/4	2,076.77	3/4	1,715.76	3/4	1,354.75	3/4	993.74	3/4	632.74	3/4	271.73	3/4		3/4		3/4	
6	2,430.26	6	2,069.25	6	1,708.24	6	1,347.23	6	986.22	6	625.22	6	264.21	6		6		6	
1/4	2,422.74	1/4	2,061.73	1/4	1,700.72	1/4	1,339.71	1/4	978.70	1/4	617.70	1/4	256.69	1/4		1/4		1/4	
1/2	2,415.22	1/2	2,054.21	1/2	1,693.20	1/2	1,332.19	1/2	971.18	1/2	610.18	1/2	249.17	1/2		1/2		1/2	
3/4	2,407.69	3/4	2,046.68	3/4	1,685.68	3/4	1,324.67	3/4	963.66	3/4	602.65	3/4	241.65	3/4		3/4		3/4	
7	2,400.17	7	2,039.16	7	1,678.16	7	1,317.15	7	956.14	7	595.13	7	234.13	7		7		7	
1/4	2,392.65	1/4	2,031.64	1/4	1,670.64	1/4	1,309.63	1/4	948.62	1/4	587.61	1/4	226.61	1/4		1/4		1/4	
1/2	2,385.13	1/2	2,024.12	1/2	1,663.12	1/2	1,302.11	1/2	941.10	1/2	580.09	1/2	219.09	1/2		1/2		1/2	
3/4	2,377.61	3/4	2,016.60	3/4	1,655.59	3/4	1,294.59	3/4	933.58	3/4	572.57	3/4	211.56	3/4		3/4		3/4	
8	2,370.09	8	2,009.08	8	1,648.07	8	1,287.07	8	926.06	8	565.05	8	204.04	8		8		8	
1/4	2,362.57	1/4	2,001.56	1/4	1,640.55	1/4	1,279.55	1/4	918.54	1/4	557.53	1/4	196.52	1/4		1/4		1/4	
1/2	2,355.05	1/2	1,994.04	1/2	1,633.03	1/2	1,272.03	1/2	911.02	1/2	550.01	1/2	189.00	1/2		1/2		1/2	
3/4	2,347.53	3/4	1,986.52	3/4	1,625.51	3/4	1,264.50	3/4	903.49	3/4	542.49	3/4	181.48	3/4		3/4		3/4	
9	2,340.01	9	1,979.00	9	1,617.99	9	1,256.98	9	895.97	9	534.97	9	174.40	9		9		9	
1/4	2,332.49	1/4	1,971.48	1/4	1,610.47	1/4	1,249.46	1/4	888.45	1/4	527.45	1/4	167.32	1/4		1/4		1/4	
1/2	2,324.97	1/2	1,963.96	1/2	1,602.95	1/2	1,241.94	1/2	880.93	1/2	519.93	1/2	160.24	1/2		1/2		1/2	
3/4	2,317.44	3/4	1,956.43	3/4	1,595.42	3/4	1,234.42	3/4	873.41	3/4	512.40	3/4	153.15	3/4		3/4		3/4	
10	2,309.92	10	1,948.91	10	1,587.90	10	1,226.90	10	865.89	10	504.88	10	146.22	10		10		10	
1/4	2,302.40	1/4	1,941.39	1/4	1,580.38	1/4	1,219.38	1/4	858.37	1/4	497.36	1/4	139.29	1/4		1/4		1/4	
1/2	2,294.88	1/2	1,933.87	1/2	1,572.86	1/2	1,211.86	1/2	850.85	1/2	489.84	1/2	132.36	1/2		1/2		1/2	
3/4	2,287.36	3/4	1,926.35	3/4	1,565.34	3/4	1,204.33	3/4	843.32	3/4	482.32	3/4	125.42	3/4		3/4		3/4	
11	2,279.84	11	1,918.83	11	1,557.82	11	1,196.81	11	835.80	11	474.80	11	118.49	11		11		11	
1/4	2,272.32	1/4	1,911.31	1/4	1,550.30	1/4	1,189.29	1/4	828.28	1/4	467.28	1/4	111.55	1/4		1/4		1/4	
1/2	2,264.80	1/2	1,903.79	1/2	1,542.78	1/2	1,181.77	1/2	820.76	1/2	459.76	1/2	104.62	1/2		1/2		1/2	
3/4	2,257.27	3/4	1,896.26	3/4	1,535.26	3/4	1,174.25	3/4	813.24	3/4	452.23	3/4	97.68	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/06/2009 INS  
RECALCULATED: 08/20/2019 SW  
REPRINTED: 08/26/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

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





# BARGE "EBL 2989"

## 2 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.		
0		0		0		0	5,100.50	0	4,780.17	0	4,423.32	0	4,062.31	0	3,701.31	0	3,340.30	0	2,979.29		
1/4		1/4		1/4		1/4	5,096.24	1/4	4,773.02	1/4	4,415.80	1/4	4,054.79	1/4	3,693.79	1/4	3,332.78	1/4	2,971.77		
1/2		1/2		1/2		1/2	5,091.98	1/2	4,765.88	1/2	4,408.28	1/2	4,047.27	1/2	3,686.27	1/2	3,325.26	1/2	2,964.25		
3/4		3/4		3/4		3/4	5,087.72	3/4	4,758.74	3/4	4,400.76	3/4	4,039.75	3/4	3,678.75	3/4	3,317.74	3/4	2,956.73		
1		1		1		1	5,083.46	1	4,751.60	1	4,393.24	1	4,032.23	1	3,671.22	1	3,310.21	1	2,949.21		
1/4		1/4		1/4		1/4	5,078.13	1/4	4,744.45	1/4	4,385.72	1/4	4,024.71	1/4	3,663.70	1/4	3,302.69	1/4	2,941.69		
1/2		1/2		1/2		1/2	5,072.81	1/2	4,737.31	1/2	4,378.20	1/2	4,017.19	1/2	3,656.18	1/2	3,295.17	1/2	2,934.17		
3/4		3/4		3/4		3/4	5,067.48	3/4	4,730.17	3/4	4,370.68	3/4	4,009.67	3/4	3,648.66	3/4	3,287.65	3/4	2,926.65		
2		2		2		2	5,062.16	2	4,723.03	2	4,363.15	2	4,002.15	2	3,641.14	2	3,280.13	2	2,919.12		
1/4		1/4		1/4		1/4	5,055.80	1/4	4,715.79	1/4	4,355.63	1/4	3,994.63	1/4	3,633.62	1/4	3,272.61	1/4	2,911.60		
1/2		1/2		1/2		1/2	5,049.45	1/2	4,708.56	1/2	4,348.11	1/2	3,987.11	1/2	3,626.10	1/2	3,265.09	1/2	2,904.08		
3/4		3/4		3/4		3/4	5,043.10	3/4	4,701.32	3/4	4,340.59	3/4	3,979.59	3/4	3,618.58	3/4	3,257.57	3/4	2,896.56		
3		3		3		3	5,036.75	3	4,694.09	3	4,333.07	3	3,972.06	3	3,611.05	3	3,250.05	3	2,889.04		
1/4		1/4		1/4		1/4	5,029.74	1/4	4,686.56	1/4	4,325.55	1/4	3,964.54	1/4	3,603.53	1/4	3,242.53	1/4	2,881.52		
1/2		1/2		1/2		1/2	5,022.73	1/2	4,679.04	1/2	4,318.03	1/2	3,957.02	1/2	3,596.01	1/2	3,235.01	1/2	2,874.00		
3/4		3/4		3/4		3/4	5,015.72	3/4	4,671.52	3/4	4,310.51	3/4	3,949.50	3/4	3,588.49	3/4	3,227.49	3/4	2,866.48		
4		4		4		4	5,008.71	4	4,664.00	4	4,302.99	4	3,941.98	4	3,580.97	4	3,219.96	4	2,858.95		
1/4		1/4		1/4		1/4	5,001.57	1/4	4,656.48	1/4	4,295.47	1/4	3,934.46	1/4	3,573.45	1/4	3,212.44	1/4	2,851.43		
1/2		1/2		1/2		1/2	4,994.43	1/2	4,648.96	1/2	4,287.95	1/2	3,926.94	1/2	3,565.93	1/2	3,204.92	1/2	2,843.91		
3/4		3/4		3/4		3/4	4,987.29	3/4	4,641.44	3/4	4,280.43	3/4	3,919.42	3/4	3,558.41	3/4	3,197.40	3/4	2,836.39		
5		5		5		5	4,980.15	5	4,633.92	5	4,272.90	5	3,911.89	5	3,550.89	5	3,189.88	5	2,828.87		
1/4		1/4		1/4		1/4	4,973.00	1/4	4,626.40	1/4	4,265.38	1/4	3,904.37	1/4	3,543.37	1/4	3,182.36	1/4	2,821.35		
1/2		1/2		1/2		1/2	4,965.86	1/2	4,618.88	1/2	4,257.86	1/2	3,896.85	1/2	3,535.85	1/2	3,174.84	1/2	2,813.83		
3/4		3/4		3/4		3/4	4,958.72	3/4	4,611.36	3/4	4,250.34	3/4	3,889.33	3/4	3,528.33	3/4	3,167.32	3/4	2,806.31		
6		6		6		6	4,951.58	6	4,603.84	6	4,242.82	6	3,881.81	6	3,520.80	6	3,159.79	6	2,798.79		
1/4		1/4		1/4		1/4	4,944.43	1/4	4,596.31	1/4	4,235.30	1/4	3,874.29	1/4	3,513.28	1/4	3,152.27	1/4	2,791.27		
1/2		1/2		1/2		1/2	4,937.29	1/2	4,588.79	1/2	4,227.78	1/2	3,866.77	1/2	3,505.76	1/2	3,144.75	1/2	2,783.75		
3/4		3/4		3/4		3/4	4,930.15	3/4	4,581.27	3/4	4,220.26	3/4	3,859.25	3/4	3,498.24	3/4	3,137.23	3/4	2,776.23		
7		7		7		7	4,923.01	7	4,573.75	7	4,212.73	7	3,851.73	7	3,490.72	7	3,129.71	7	2,768.70		
1/4		1/4		1/4		1/4	4,915.86	1/4	4,566.23	1/4	4,205.21	1/4	3,844.21	1/4	3,483.20	1/4	3,122.19	1/4	2,761.18		
1/2		1/2		1/2		1/2	4,908.72	1/2	4,558.71	1/2	4,197.69	1/2	3,836.69	1/2	3,475.68	1/2	3,114.67	1/2	2,753.66		
3/4		3/4		3/4		3/4	4,901.58	3/4	4,551.18	3/4	4,190.17	3/4	3,829.17	3/4	3,468.16	3/4	3,107.15	3/4	2,746.14		
8		8		8		8	4,894.44	8	4,543.66	8	4,182.65	8	3,821.64	8	3,460.63	8	3,099.63	8	2,738.62		
1/4		1/4		1/4		1/4	4,887.29	1/4	4,536.14	1/4	4,175.13	1/4	3,814.12	1/4	3,453.11	1/4	3,092.11	1/4	2,731.10		
1/2		1/2		1/2		1/2	4,880.15	1/2	4,528.62	1/2	4,167.61	1/2	3,806.60	1/2	3,445.59	1/2	3,084.59	1/2	2,723.58		
3/4		3/4		3/4		3/4	4,873.01	3/4	4,521.10	3/4	4,160.09	3/4	3,799.08	3/4	3,438.07	3/4	3,077.07	3/4	2,716.06		
9		9		9		9	4,865.87	9	4,513.57	9	4,152.57	9	3,791.56	9	3,430.55	9	3,069.54	9	2,708.53		
1/4		1/4		1/4		1/4	4,858.73	1/4	4,506.05	1/4	4,145.05	1/4	3,784.04	1/4	3,423.03	1/4	3,062.02	1/4	2,701.01		
1/2		1/2		1/2		1/2	4,851.59	1/2	4,498.53	1/2	4,137.53	1/2	3,776.52	1/2	3,415.51	1/2	3,054.50	1/2	2,693.49		
3/4		3/4		3/4		3/4	4,844.45	3/4	4,491.01	3/4	4,130.01	3/4	3,769.00	3/4	3,407.99	3/4	3,046.98	3/4	2,685.97		
10		10		10		10	4,837.31	10	4,483.49	10	4,122.48	10	3,761.47	10	3,400.47	10	3,039.46	10	2,678.45		
1/4		1/4		1/4		1/4	4,830.16	1/4	4,475.97	1/4	4,114.96	1/4	3,753.95	1/4	3,392.95	1/4	3,031.94	1/4	2,670.93		
1/2		1/2		1/2		1/2	4,823.02	1/2	4,468.45	1/2	4,107.44	1/2	3,746.43	1/2	3,385.43	1/2	3,024.42	1/2	2,663.41		
3/4		3/4		3/4		3/4	4,815.88	3/4	4,460.93	3/4	4,099.92	3/4	3,738.91	3/4	3,377.91	3/4	3,016.90	3/4	2,655.89		
11		11		11		11	4,808.74	11	4,453.41	11	4,092.40	11	3,731.39	11	3,370.38	11	3,009.37	11	2,648.37		
1/4		1/4		1/4		1/4	4,801.59	1/4	4,445.89	1/4	4,084.88	1/4	3,723.87	1/4	3,362.86	1/4	3,001.85	1/4	2,640.85		
1/2		1/2		1/2		1/2	5,106.88	1/2	4,794.45	1/2	4,438.37	1/2	4,077.36	1/2	3,716.35	1/2	3,355.34	1/2	2,994.33	1/2	2,633.33
3/4		3/4		3/4		3/4	5,103.69	3/4	4,787.31	3/4	4,430.85	3/4	4,069.84	3/4	3,708.83	3/4	3,347.82	3/4	2,986.81	3/4	2,625.81

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 40'-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 "EBL 2989"

## 2 STBD

### ULLAGE TABLE HERMETIC

#### GAUGE HEIGHT 17'-03 1/2"

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	2,618.28	0	2,257.27	0	1,896.26	0	1,535.26	0	1,174.25	0	813.24	0	452.23	0	97.68	0		0	
1/4	2,610.76	1/4	2,249.75	1/4	1,888.74	1/4	1,527.74	1/4	1,166.73	1/4	805.72	1/4	444.71	1/4	90.75	1/4		1/4	
1/2	2,603.24	1/2	2,242.23	1/2	1,881.22	1/2	1,520.22	1/2	1,159.21	1/2	798.20	1/2	437.19	1/2	83.82	1/2		1/2	
3/4	2,595.72	3/4	2,234.71	3/4	1,873.70	3/4	1,512.70	3/4	1,151.69	3/4	790.68	3/4	429.67	3/4	76.89	3/4		3/4	
1	2,588.20	1	2,227.19	1	1,866.18	1	1,505.17	1	1,144.17	1	783.16	1	422.15	1	69.95	1		1	
1/4	2,580.68	1/4	2,219.67	1/4	1,858.66	1/4	1,497.65	1/4	1,136.65	1/4	775.64	1/4	414.63	1/4	63.14	1/4		1/4	
1/2	2,573.16	1/2	2,212.15	1/2	1,851.14	1/2	1,490.13	1/2	1,129.13	1/2	768.12	1/2	407.11	1/2	56.33	1/2		1/2	
3/4	2,565.64	3/4	2,204.63	3/4	1,843.62	3/4	1,482.61	3/4	1,121.61	3/4	760.60	3/4	399.59	3/4	49.52	3/4		3/4	
2	2,558.11	2	2,197.11	2	1,836.10	2	1,475.09	2	1,114.08	2	753.07	2	392.07	2	42.71	2		2	
1/4	2,550.59	1/4	2,189.59	1/4	1,828.58	1/4	1,467.57	1/4	1,106.56	1/4	745.55	1/4	384.55	1/4	37.43	1/4		1/4	
1/2	2,543.07	1/2	2,182.07	1/2	1,821.06	1/2	1,460.05	1/2	1,099.04	1/2	738.03	1/2	377.03	1/2	32.15	1/2		1/2	
3/4	2,535.55	3/4	2,174.55	3/4	1,813.54	3/4	1,452.53	3/4	1,091.52	3/4	730.51	3/4	369.51	3/4	26.87	3/4		3/4	
3	2,528.03	3	2,167.02	3	1,806.01	3	1,445.01	3	1,084.00	3	722.99	3	361.98	3	21.59	3		3	
1/4	2,520.51	1/4	2,159.50	1/4	1,798.49	1/4	1,437.49	1/4	1,076.48	1/4	715.47	1/4	354.46	1/4	18.06	1/4		1/4	
1/2	2,512.99	1/2	2,151.98	1/2	1,790.97	1/2	1,429.97	1/2	1,068.96	1/2	707.95	1/2	346.94	1/2	14.53	1/2		1/2	
3/4	2,505.47	3/4	2,144.46	3/4	1,783.45	3/4	1,422.45	3/4	1,061.44	3/4	700.43	3/4	339.42	3/4		3/4		3/4	
4	2,497.95	4	2,136.94	4	1,775.93	4	1,414.92	4	1,053.91	4	692.90	4	331.90	4		4		4	
1/4	2,490.43	1/4	2,129.42	1/4	1,768.41	1/4	1,407.40	1/4	1,046.39	1/4	685.38	1/4	324.38	1/4		1/4		1/4	
1/2	2,482.91	1/2	2,121.90	1/2	1,760.89	1/2	1,399.88	1/2	1,038.87	1/2	677.86	1/2	316.86	1/2		1/2		1/2	
3/4	2,475.39	3/4	2,114.38	3/4	1,753.37	3/4	1,392.36	3/4	1,031.35	3/4	670.34	3/4	309.34	3/4		3/4		3/4	
5	2,467.86	5	2,106.85	5	1,745.84	5	1,384.84	5	1,023.83	5	662.82	5	301.81	5		5		5	
1/4	2,460.34	1/4	2,099.33	1/4	1,738.32	1/4	1,377.32	1/4	1,016.31	1/4	655.30	1/4	294.29	1/4		1/4		1/4	
1/2	2,452.82	1/2	2,091.81	1/2	1,730.80	1/2	1,369.80	1/2	1,008.79	1/2	647.78	1/2	286.77	1/2		1/2		1/2	
3/4	2,445.30	3/4	2,084.29	3/4	1,723.28	3/4	1,362.28	3/4	1,001.27	3/4	640.26	3/4	279.25	3/4		3/4		3/4	
6	2,437.78	6	2,076.77	6	1,715.76	6	1,354.75	6	993.74	6	632.74	6	271.73	6		6		6	
1/4	2,430.26	1/4	2,069.25	1/4	1,708.24	1/4	1,347.23	1/4	986.22	1/4	625.22	1/4	264.21	1/4		1/4		1/4	
1/2	2,422.74	1/2	2,061.73	1/2	1,700.72	1/2	1,339.71	1/2	978.70	1/2	617.70	1/2	256.69	1/2		1/2		1/2	
3/4	2,415.22	3/4	2,054.21	3/4	1,693.20	3/4	1,332.19	3/4	971.18	3/4	610.18	3/4	249.17	3/4		3/4		3/4	
7	2,407.69	7	2,046.68	7	1,685.68	7	1,324.67	7	963.66	7	602.65	7	241.65	7		7		7	
1/4	2,400.17	1/4	2,039.16	1/4	1,678.16	1/4	1,317.15	1/4	956.14	1/4	595.13	1/4	234.13	1/4		1/4		1/4	
1/2	2,392.65	1/2	2,031.64	1/2	1,670.64	1/2	1,309.63	1/2	948.62	1/2	587.61	1/2	226.61	1/2		1/2		1/2	
3/4	2,385.13	3/4	2,024.12	3/4	1,663.12	3/4	1,302.11	3/4	941.10	3/4	580.09	3/4	219.09	3/4		3/4		3/4	
8	2,377.61	8	2,016.60	8	1,655.59	8	1,294.59	8	933.58	8	572.57	8	211.56	8		8		8	
1/4	2,370.09	1/4	2,009.08	1/4	1,648.07	1/4	1,287.07	1/4	926.06	1/4	565.05	1/4	204.04	1/4		1/4		1/4	
1/2	2,362.57	1/2	2,001.56	1/2	1,640.55	1/2	1,279.55	1/2	918.54	1/2	557.53	1/2	196.52	1/2		1/2		1/2	
3/4	2,355.05	3/4	1,994.04	3/4	1,633.03	3/4	1,272.03	3/4	911.02	3/4	550.01	3/4	189.00	3/4		3/4		3/4	
9	2,347.53	9	1,986.52	9	1,625.51	9	1,264.50	9	903.49	9	542.49	9	181.48	9		9		9	
1/4	2,340.01	1/4	1,979.00	1/4	1,617.99	1/4	1,256.98	1/4	895.97	1/4	534.97	1/4	174.40	1/4		1/4		1/4	
1/2	2,332.49	1/2	1,971.48	1/2	1,610.47	1/2	1,249.46	1/2	888.45	1/2	527.45	1/2	167.32	1/2		1/2		1/2	
3/4	2,324.97	3/4	1,963.96	3/4	1,602.95	3/4	1,241.94	3/4	880.93	3/4	519.93	3/4	160.24	3/4		3/4		3/4	
10	2,317.44	10	1,956.43	10	1,595.42	10	1,234.42	10	873.41	10	512.40	10	153.15	10		10		10	
1/4	2,309.92	1/4	1,948.91	1/4	1,587.90	1/4	1,226.90	1/4	865.89	1/4	504.88	1/4	146.22	1/4		1/4		1/4	
1/2	2,302.40	1/2	1,941.39	1/2	1,580.38	1/2	1,219.38	1/2	858.37	1/2	497.36	1/2	139.29	1/2		1/2		1/2	
3/4	2,294.88	3/4	1,933.87	3/4	1,572.86	3/4	1,211.86	3/4	850.85	3/4	489.84	3/4	132.36	3/4		3/4		3/4	
11	2,287.36	11	1,926.35	11	1,565.34	11	1,204.33	11	843.32	11	482.32	11	125.42	11		11		11	
1/4	2,279.84	1/4	1,918.83	1/4	1,557.82	1/4	1,196.81	1/4	835.80	1/4	474.80	1/4	118.49	1/4		1/4		1/4	
1/2	2,272.32	1/2	1,911.31	1/2	1,550.30	1/2	1,189.29	1/2	828.28	1/2	467.28	1/2	111.55	1/2		1/2		1/2	
3/4	2,264.80	3/4	1,903.79	3/4	1,542.78	3/4	1,181.77	3/4	820.76	3/4	459.76	3/4	104.62	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/06/2009 INS  
RECALCULATED: 08/20/2019 SW  
REPRINTED: 08/26/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

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



# BARGE "EBL 2989"

## 3 PORT ULLAGE TABLE

### HERMETIC

GAUGE HEIGHT 17'-03 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	4,698.74	0	4,464.91	0	4,211.27	0	3,957.64	0	3,704.01	0	3,397.84	0	3,032.08
1/4		1/4		1/4		1/4	4,696.40	1/4	4,459.63	1/4	4,205.99	1/4	3,952.36	1/4	3,698.73	1/4	3,390.22	1/4	3,024.46
1/2		1/2		1/2		1/2	4,693.27	1/2	4,454.34	1/2	4,200.70	1/2	3,947.07	1/2	3,693.44	1/2	3,382.60	1/2	3,016.84
3/4		3/4		3/4		3/4	4,690.14	3/4	4,449.06	3/4	4,195.42	3/4	3,941.79	3/4	3,688.16	3/4	3,374.98	3/4	3,009.22
1		1		1		1	4,687.01	1	4,443.77	1	4,190.14	1	3,936.51	1	3,682.87	1	3,367.36	1	3,001.60
1/4		1/4		1/4		1/4	4,683.89	1/4	4,438.49	1/4	4,184.86	1/4	3,931.23	1/4	3,677.59	1/4	3,359.74	1/4	2,993.98
1/2		1/2		1/2		1/2	4,679.97	1/2	4,433.20	1/2	4,179.57	1/2	3,925.94	1/2	3,672.30	1/2	3,352.12	1/2	2,986.36
3/4		3/4		3/4		3/4	4,676.06	3/4	4,427.92	3/4	4,174.29	3/4	3,920.66	3/4	3,667.02	3/4	3,344.50	3/4	2,978.74
2		2		2		2	4,672.15	2	4,422.63	2	4,169.00	2	3,915.37	2	3,661.74	2	3,336.88	2	2,971.12
1/4		1/4		1/4		1/4	4,668.24	1/4	4,417.35	1/4	4,163.72	1/4	3,910.09	1/4	3,656.46	1/4	3,329.26	1/4	2,963.50
1/2		1/2		1/2		1/2	4,663.54	1/2	4,412.06	1/2	4,158.43	1/2	3,904.80	1/2	3,651.14	1/2	3,321.64	1/2	2,955.88
3/4		3/4		3/4		3/4	4,658.85	3/4	4,406.78	3/4	4,153.15	3/4	3,899.52	3/4	3,645.82	3/4	3,314.02	3/4	2,948.26
3		3		3		3	4,654.15	3	4,401.50	3	4,147.87	3	3,894.24	3	3,640.50	3	3,306.40	3	2,940.64
1/4		1/4		1/4		1/4	4,649.46	1/4	4,396.22	1/4	4,142.59	1/4	3,888.95	1/4	3,635.19	1/4	3,298.78	1/4	2,933.02
1/2		1/2		1/2		1/2	4,644.27	1/2	4,390.93	1/2	4,137.30	1/2	3,883.67	1/2	3,629.62	1/2	3,291.16	1/2	2,925.40
3/4		3/4		3/4		3/4	4,639.08	3/4	4,385.65	3/4	4,132.02	3/4	3,878.38	3/4	3,624.06	3/4	3,283.54	3/4	2,917.78
4		4		4		4	4,633.89	4	4,380.36	4	4,126.73	4	3,873.10	4	3,618.50	4	3,275.92	4	2,910.16
1/4		1/4		1/4		1/4	4,628.71	1/4	4,375.08	1/4	4,121.45	1/4	3,867.82	1/4	3,612.94	1/4	3,268.30	1/4	2,902.54
1/2		1/2		1/2		1/2	4,623.42	1/2	4,369.79	1/2	4,116.16	1/2	3,862.53	1/2	3,607.05	1/2	3,260.68	1/2	2,894.92
3/4		3/4		3/4		3/4	4,618.14	3/4	4,364.51	3/4	4,110.88	3/4	3,857.25	3/4	3,601.16	3/4	3,253.06	3/4	2,887.30
5		5		5		5	4,612.86	5	4,359.23	5	4,105.59	5	3,851.96	5	3,595.27	5	3,245.44	5	2,879.68
1/4		1/4		1/4		1/4	4,607.58	1/4	4,353.95	1/4	4,100.31	1/4	3,846.68	1/4	3,589.38	1/4	3,237.82	1/4	2,872.06
1/2		1/2		1/2		1/2	4,602.29	1/2	4,348.66	1/2	4,095.02	1/2	3,841.39	1/2	3,583.14	1/2	3,230.20	1/2	2,864.44
3/4		3/4		3/4		3/4	4,597.01	3/4	4,343.38	3/4	4,089.74	3/4	3,836.11	3/4	3,576.91	3/4	3,222.58	3/4	2,856.82
6		6		6		6	4,591.72	6	4,338.09	6	4,084.46	6	3,830.83	6	3,570.67	6	3,214.96	6	2,849.20
1/4		1/4		1/4		1/4	4,586.44	1/4	4,332.81	1/4	4,079.18	1/4	3,825.55	1/4	3,564.44	1/4	3,207.34	1/4	2,841.58
1/2		1/2		1/2		1/2	4,581.15	1/2	4,327.52	1/2	4,073.89	1/2	3,820.26	1/2	3,557.86	1/2	3,199.72	1/2	2,833.96
3/4		3/4		3/4		3/4	4,575.87	3/4	4,322.24	3/4	4,068.61	3/4	3,814.98	3/4	3,551.28	3/4	3,192.10	3/4	2,826.34
7		7		7		7	4,570.59	7	4,316.95	7	4,063.32	7	3,809.69	7	3,544.70	7	3,184.48	7	2,818.72
1/4		1/4		1/4		1/4	4,565.31	1/4	4,311.67	1/4	4,058.04	1/4	3,804.41	1/4	3,538.12	1/4	3,176.86	1/4	2,811.10
1/2		1/2		1/2		1/2	4,560.02	1/2	4,306.38	1/2	4,052.75	1/2	3,799.12	1/2	3,531.19	1/2	3,169.24	1/2	2,803.48
3/4		3/4		3/4		3/4	4,554.74	3/4	4,301.10	3/4	4,047.47	3/4	3,793.84	3/4	3,524.26	3/4	3,161.62	3/4	2,795.86
8		8		8		8	4,549.45	8	4,295.82	8	4,042.19	8	3,788.55	8	3,517.33	8	3,154.00	8	2,788.24
1/4		1/4		1/4		1/4	4,544.17	1/4	4,290.54	1/4	4,036.91	1/4	3,783.27	1/4	3,510.41	1/4	3,146.38	1/4	2,780.62
1/2		1/2		1/2		1/2	4,538.88	1/2	4,285.25	1/2	4,031.62	1/2	3,777.98	1/2	3,503.13	1/2	3,138.76	1/2	2,773.00
3/4		3/4		3/4		3/4	4,533.60	3/4	4,279.97	3/4	4,026.34	3/4	3,772.70	3/4	3,495.86	3/4	3,131.14	3/4	2,765.38
9		9		9		9	4,528.31	9	4,274.68	9	4,021.05	9	3,767.42	9	3,488.59	9	3,123.52	9	2,757.76
1/4		1/4		1/4		1/4	4,523.03	1/4	4,269.40	1/4	4,015.77	1/4	3,762.14	1/4	3,481.32	1/4	3,115.90	1/4	2,750.14
1/2		1/2		1/2		1/2	4,517.74	1/2	4,264.11	1/2	4,010.48	1/2	3,756.85	1/2	3,473.78	1/2	3,108.28	1/2	2,742.52
3/4		3/4		3/4		3/4	4,512.46	3/4	4,258.83	3/4	4,005.20	3/4	3,751.57	3/4	3,466.25	3/4	3,100.66	3/4	2,734.90
10		10		10		10	4,507.18	10	4,253.55	10	3,999.91	10	3,746.28	10	3,458.71	10	3,093.04	10	2,727.28
1/4		1/4		1/4		1/4	4,501.90	1/4	4,248.27	1/4	3,994.63	1/4	3,741.00	1/4	3,451.18	1/4	3,085.42	1/4	2,719.66
1/2		1/2		1/2		1/2	4,496.61	1/2	4,242.98	1/2	3,989.34	1/2	3,735.71	1/2	3,443.56	1/2	3,077.80	1/2	2,712.04
3/4		3/4		3/4		3/4	4,491.33	3/4	4,237.70	3/4	3,984.06	3/4	3,730.43	3/4	3,435.94	3/4	3,070.18	3/4	2,704.42
11		11		11		11	4,486.04	11	4,232.41	11	3,978.78	11	3,725.15	11	3,428.32	11	3,062.56	11	2,696.80
1/4		1/4		1/4		1/4	4,480.76	1/4	4,227.13	1/4	3,973.50	1/4	3,719.87	1/4	3,420.70	1/4	3,054.94	1/4	2,689.18
1/2		1/2		1/2		1/2	4,475.47	1/2	4,221.84	1/2	3,968.21	1/2	3,714.58	1/2	3,413.08	1/2	3,047.32	1/2	2,681.56
3/4		3/4		3/4		3/4	4,470.19	3/4	4,216.56	3/4	3,962.93	3/4	3,709.30	3/4	3,405.46	3/4	3,039.70	3/4	2,673.94

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 40'-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 "EBL 2989"

## 3 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-03 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	2,666.32	0	2,300.56	0	1,934.80	0	1,569.04	0	1,203.28	0	838.63	0	474.11	0	111.27	0		0	
1/4	2,658.70	1/4	2,292.94	1/4	1,927.18	1/4	1,561.42	1/4	1,195.66	1/4	831.06	1/4	466.50	1/4	103.91	1/4		1/4	
1/2	2,651.08	1/2	2,285.32	1/2	1,919.56	1/2	1,553.80	1/2	1,188.04	1/2	823.48	1/2	458.89	1/2	96.51	1/2		1/2	
3/4	2,643.46	3/4	2,277.70	3/4	1,911.94	3/4	1,546.18	3/4	1,180.42	3/4	815.91	3/4	451.28	3/4	89.12	3/4		3/4	
1	2,635.84	1	2,270.08	1	1,904.32	1	1,538.56	1	1,172.80	1	808.33	1	443.67	1	81.73	1		1	
1/4	2,628.22	1/4	2,262.46	1/4	1,896.70	1/4	1,530.94	1/4	1,165.18	1/4	800.76	1/4	436.07	1/4	74.34	1/4		1/4	
1/2	2,620.60	1/2	2,254.84	1/2	1,889.08	1/2	1,523.32	1/2	1,157.56	1/2	793.18	1/2	428.46	1/2	67.13	1/2		1/2	
3/4	2,612.98	3/4	2,247.22	3/4	1,881.46	3/4	1,515.70	3/4	1,149.94	3/4	785.60	3/4	420.85	3/4	59.92	3/4		3/4	
2	2,605.36	2	2,239.60	2	1,873.84	2	1,508.08	2	1,142.32	2	778.02	2	413.24	2	52.71	2		2	
1/4	2,597.74	1/4	2,231.98	1/4	1,866.22	1/4	1,500.46	1/4	1,134.70	1/4	770.45	1/4	405.63	1/4	45.50	1/4		1/4	
1/2	2,590.12	1/2	2,224.36	1/2	1,858.60	1/2	1,492.84	1/2	1,127.08	1/2	762.87	1/2	398.02	1/2	39.90	1/2		1/2	
3/4	2,582.50	3/4	2,216.74	3/4	1,850.98	3/4	1,485.22	3/4	1,119.46	3/4	755.29	3/4	390.41	3/4	34.30	3/4		3/4	
3	2,574.88	3	2,209.12	3	1,843.36	3	1,477.60	3	1,111.84	3	747.71	3	382.80	3	28.70	3		3	
1/4	2,567.26	1/4	2,201.50	1/4	1,835.74	1/4	1,469.98	1/4	1,104.22	1/4	740.14	1/4	375.20	1/4	23.10	1/4		1/4	
1/2	2,559.64	1/2	2,193.88	1/2	1,828.12	1/2	1,462.36	1/2	1,096.60	1/2	732.56	1/2	367.59	1/2	19.30	1/2		1/2	
3/4	2,552.02	3/4	2,186.26	3/4	1,820.51	3/4	1,454.74	3/4	1,088.98	3/4	724.98	3/4	359.98	3/4	15.51	3/4		3/4	
4	2,544.40	4	2,178.64	4	1,812.89	4	1,447.12	4	1,081.36	4	717.40	4	352.37	4		4		4	
1/4	2,536.78	1/4	2,171.02	1/4	1,805.28	1/4	1,439.50	1/4	1,073.74	1/4	709.83	1/4	344.76	1/4		1/4		1/4	
1/2	2,529.16	1/2	2,163.40	1/2	1,797.65	1/2	1,431.88	1/2	1,066.12	1/2	702.25	1/2	337.15	1/2		1/2		1/2	
3/4	2,521.54	3/4	2,155.78	3/4	1,790.03	3/4	1,424.26	3/4	1,058.50	3/4	694.67	3/4	329.54	3/4		3/4		3/4	
5	2,513.92	5	2,148.16	5	1,782.40	5	1,416.64	5	1,050.88	5	687.09	5	321.93	5		5		5	
1/4	2,506.30	1/4	2,140.54	1/4	1,774.78	1/4	1,409.02	1/4	1,043.26	1/4	679.52	1/4	314.32	1/4		1/4		1/4	
1/2	2,498.68	1/2	2,132.92	1/2	1,767.16	1/2	1,401.40	1/2	1,035.67	1/2	671.92	1/2	306.71	1/2		1/2		1/2	
3/4	2,491.06	3/4	2,125.30	3/4	1,759.54	3/4	1,393.78	3/4	1,028.08	3/4	664.32	3/4	299.10	3/4		3/4		3/4	
6	2,483.44	6	2,117.68	6	1,751.92	6	1,386.16	6	1,020.49	6	656.72	6	291.49	6		6		6	
1/4	2,475.82	1/4	2,110.06	1/4	1,744.30	1/4	1,378.54	1/4	1,012.91	1/4	649.12	1/4	283.89	1/4		1/4		1/4	
1/2	2,468.20	1/2	2,102.44	1/2	1,736.68	1/2	1,370.92	1/2	1,005.33	1/2	641.51	1/2	276.28	1/2		1/2		1/2	
3/4	2,460.58	3/4	2,094.82	3/4	1,729.06	3/4	1,363.30	3/4	997.75	3/4	633.90	3/4	268.67	3/4		3/4		3/4	
7	2,452.96	7	2,087.20	7	1,721.44	7	1,355.68	7	990.17	7	626.29	7	261.06	7		7		7	
1/4	2,445.34	1/4	2,079.58	1/4	1,713.82	1/4	1,348.06	1/4	982.60	1/4	618.68	1/4	253.45	1/4		1/4		1/4	
1/2	2,437.72	1/2	2,071.96	1/2	1,706.20	1/2	1,340.44	1/2	975.02	1/2	611.07	1/2	245.84	1/2		1/2		1/2	
3/4	2,430.10	3/4	2,064.34	3/4	1,698.58	3/4	1,332.82	3/4	967.45	3/4	603.46	3/4	238.23	3/4		3/4		3/4	
8	2,422.48	8	2,056.72	8	1,690.96	8	1,325.20	8	959.87	8	595.85	8	230.62	8		8		8	
1/4	2,414.86	1/4	2,049.10	1/4	1,683.34	1/4	1,317.58	1/4	952.30	1/4	588.25	1/4	223.02	1/4		1/4		1/4	
1/2	2,407.24	1/2	2,041.48	1/2	1,675.72	1/2	1,309.96	1/2	944.72	1/2	580.64	1/2	215.41	1/2		1/2		1/2	
3/4	2,399.62	3/4	2,033.86	3/4	1,668.10	3/4	1,302.34	3/4	937.14	3/4	573.03	3/4	207.80	3/4		3/4		3/4	
9	2,392.00	9	2,026.24	9	1,660.48	9	1,294.72	9	929.56	9	565.42	9	200.19	9		9		9	
1/4	2,384.38	1/4	2,018.62	1/4	1,652.86	1/4	1,287.10	1/4	921.99	1/4	557.81	1/4	192.58	1/4		1/4		1/4	
1/2	2,376.76	1/2	2,011.00	1/2	1,645.24	1/2	1,279.48	1/2	914.41	1/2	550.20	1/2	185.15	1/2		1/2		1/2	
3/4	2,369.14	3/4	2,003.38	3/4	1,637.62	3/4	1,271.86	3/4	906.83	3/4	542.59	3/4	177.72	3/4		3/4		3/4	
10	2,361.52	10	1,995.76	10	1,630.00	10	1,264.24	10	899.25	10	534.98	10	170.29	10		10		10	
1/4	2,353.90	1/4	1,988.14	1/4	1,622.38	1/4	1,256.62	1/4	891.68	1/4	527.38	1/4	162.86	1/4		1/4		1/4	
1/2	2,346.28	1/2	1,980.52	1/2	1,614.76	1/2	1,249.00	1/2	884.10	1/2	519.77	1/2	155.48	1/2		1/2		1/2	
3/4	2,338.66	3/4	1,972.90	3/4	1,607.14	3/4	1,241.38	3/4	876.52	3/4	512.16	3/4	148.11	3/4		3/4		3/4	
11	2,331.04	11	1,965.28	11	1,599.52	11	1,233.76	11	868.94	11	504.55	11	140.74	11		11		11	
1/4	2,323.42	1/4	1,957.66	1/4	1,591.90	1/4	1,226.14	1/4	861.37	1/4	496.94	1/4	133.36	1/4		1/4		1/4	
1/2	2,315.80	1/2	1,950.04	1/2	1,584.28	1/2	1,218.52	1/2	853.79	1/2	489.33	1/2	126.00	1/2		1/2		1/2	
3/4	2,308.18	3/4	1,942.42	3/4	1,576.66	3/4	1,210.90	3/4	846.21	3/4	481.72	3/4	118.63	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/06/2009 INS  
RECALCULATED: 08/20/2019 SW  
REPRINTED: 08/26/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

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



# BARGE "EBL 2989"

## 3 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,696.40	0	4,459.63	0	4,205.99	0	3,952.36	0	3,698.73	0	3,390.22	0	3,024.46
1/4		1/4		1/4		1/4	4,693.27	1/4	4,454.34	1/4	4,200.70	1/4	3,947.07	1/4	3,693.44	1/4	3,382.60	1/4	3,016.84
1/2		1/2		1/2		1/2	4,690.14	1/2	4,449.06	1/2	4,195.42	1/2	3,941.79	1/2	3,688.16	1/2	3,374.98	1/2	3,009.22
3/4		3/4		3/4		3/4	4,687.01	3/4	4,443.77	3/4	4,190.14	3/4	3,936.51	3/4	3,682.87	3/4	3,367.36	3/4	3,001.60
1		1		1		1	4,683.89	1	4,438.49	1	4,184.86	1	3,931.23	1	3,677.59	1	3,359.74	1	2,993.98
1/4		1/4		1/4		1/4	4,679.97	1/4	4,433.20	1/4	4,179.57	1/4	3,925.94	1/4	3,672.30	1/4	3,352.12	1/4	2,986.36
1/2		1/2		1/2		1/2	4,676.06	1/2	4,427.92	1/2	4,174.29	1/2	3,920.66	1/2	3,667.02	1/2	3,344.50	1/2	2,978.74
3/4		3/4		3/4		3/4	4,672.15	3/4	4,422.63	3/4	4,169.00	3/4	3,915.37	3/4	3,661.74	3/4	3,336.88	3/4	2,971.12
2		2		2		2	4,668.24	2	4,417.35	2	4,163.72	2	3,910.09	2	3,656.46	2	3,329.26	2	2,963.50
1/4		1/4		1/4		1/4	4,663.54	1/4	4,412.06	1/4	4,158.43	1/4	3,904.80	1/4	3,651.14	1/4	3,321.64	1/4	2,955.88
1/2		1/2		1/2		1/2	4,658.85	1/2	4,406.78	1/2	4,153.15	1/2	3,899.52	1/2	3,645.82	1/2	3,314.02	1/2	2,948.26
3/4		3/4		3/4		3/4	4,654.15	3/4	4,401.50	3/4	4,147.87	3/4	3,894.24	3/4	3,640.50	3/4	3,306.40	3/4	2,940.64
3		3		3		3	4,649.46	3	4,396.22	3	4,142.59	3	3,888.95	3	3,635.19	3	3,298.78	3	2,933.02
1/4		1/4		1/4		1/4	4,644.27	1/4	4,390.93	1/4	4,137.30	1/4	3,883.67	1/4	3,629.62	1/4	3,291.16	1/4	2,925.40
1/2		1/2		1/2		1/2	4,639.08	1/2	4,385.65	1/2	4,132.02	1/2	3,878.38	1/2	3,624.06	1/2	3,283.54	1/2	2,917.78
3/4		3/4		3/4		3/4	4,633.89	3/4	4,380.36	3/4	4,126.73	3/4	3,873.10	3/4	3,618.50	3/4	3,275.92	3/4	2,910.16
4		4		4		4	4,628.71	4	4,375.08	4	4,121.45	4	3,867.82	4	3,612.94	4	3,268.30	4	2,902.54
1/4		1/4		1/4		1/4	4,623.42	1/4	4,369.79	1/4	4,116.16	1/4	3,862.53	1/4	3,607.05	1/4	3,260.68	1/4	2,894.92
1/2		1/2		1/2		1/2	4,618.14	1/2	4,364.51	1/2	4,110.88	1/2	3,857.25	1/2	3,601.16	1/2	3,253.06	1/2	2,887.30
3/4		3/4		3/4		3/4	4,612.86	3/4	4,359.23	3/4	4,105.59	3/4	3,851.96	3/4	3,595.27	3/4	3,245.44	3/4	2,879.68
5		5		5		5	4,607.58	5	4,353.95	5	4,100.31	5	3,846.68	5	3,589.38	5	3,237.82	5	2,872.06
1/4		1/4		1/4		1/4	4,602.29	1/4	4,348.66	1/4	4,095.02	1/4	3,841.39	1/4	3,583.14	1/4	3,230.20	1/4	2,864.44
1/2		1/2		1/2		1/2	4,597.01	1/2	4,343.38	1/2	4,089.74	1/2	3,836.11	1/2	3,576.91	1/2	3,222.58	1/2	2,856.82
3/4		3/4		3/4		3/4	4,591.72	3/4	4,338.09	3/4	4,084.46	3/4	3,830.83	3/4	3,570.67	3/4	3,214.96	3/4	2,849.20
6		6		6		6	4,586.44	6	4,332.81	6	4,079.18	6	3,825.55	6	3,564.44	6	3,207.34	6	2,841.58
1/4		1/4		1/4		1/4	4,581.15	1/4	4,327.52	1/4	4,073.89	1/4	3,820.26	1/4	3,557.86	1/4	3,199.72	1/4	2,833.96
1/2		1/2		1/2		1/2	4,575.87	1/2	4,322.24	1/2	4,068.61	1/2	3,814.98	1/2	3,551.28	1/2	3,192.10	1/2	2,826.34
3/4		3/4		3/4		3/4	4,570.59	3/4	4,316.95	3/4	4,063.32	3/4	3,809.69	3/4	3,544.70	3/4	3,184.48	3/4	2,818.72
7		7		7		7	4,565.31	7	4,311.67	7	4,058.04	7	3,804.41	7	3,538.12	7	3,176.86	7	2,811.10
1/4		1/4		1/4		1/4	4,560.02	1/4	4,306.38	1/4	4,052.75	1/4	3,799.12	1/4	3,531.19	1/4	3,169.24	1/4	2,803.48
1/2		1/2		1/2		1/2	4,554.74	1/2	4,301.10	1/2	4,047.47	1/2	3,793.84	1/2	3,524.26	1/2	3,161.62	1/2	2,795.86
3/4		3/4		3/4		3/4	4,549.45	3/4	4,295.82	3/4	4,042.19	3/4	3,788.55	3/4	3,517.33	3/4	3,154.00	3/4	2,788.24
8		8		8		8	4,544.17	8	4,290.54	8	4,036.91	8	3,783.27	8	3,510.41	8	3,146.38	8	2,780.62
1/4		1/4		1/4		1/4	4,538.88	1/4	4,285.25	1/4	4,031.62	1/4	3,777.98	1/4	3,503.13	1/4	3,138.76	1/4	2,773.00
1/2		1/2		1/2		1/2	4,533.60	1/2	4,279.97	1/2	4,026.34	1/2	3,772.70	1/2	3,495.86	1/2	3,131.14	1/2	2,765.38
3/4		3/4		3/4		3/4	4,528.31	3/4	4,274.68	3/4	4,021.05	3/4	3,767.42	3/4	3,488.59	3/4	3,123.52	3/4	2,757.76
9		9		9		9	4,523.03	9	4,269.40	9	4,015.77	9	3,762.14	9	3,481.32	9	3,115.90	9	2,750.14
1/4		1/4		1/4		1/4	4,517.74	1/4	4,264.11	1/4	4,010.48	1/4	3,756.85	1/4	3,473.78	1/4	3,108.28	1/4	2,742.52
1/2		1/2		1/2		1/2	4,512.46	1/2	4,258.83	1/2	4,005.20	1/2	3,751.57	1/2	3,466.25	1/2	3,100.66	1/2	2,734.90
3/4		3/4		3/4		3/4	4,507.18	3/4	4,253.55	3/4	3,999.91	3/4	3,746.28	3/4	3,458.71	3/4	3,093.04	3/4	2,727.28
10		10		10		10	4,501.90	10	4,248.27	10	3,994.63	10	3,741.00	10	3,451.18	10	3,085.42	10	2,719.66
1/4		1/4		1/4		1/4	4,496.61	1/4	4,242.98	1/4	3,989.34	1/4	3,735.71	1/4	3,443.56	1/4	3,077.80	1/4	2,712.04
1/2		1/2		1/2		1/2	4,491.33	1/2	4,237.70	1/2	3,984.06	1/2	3,730.43	1/2	3,435.94	1/2	3,070.18	1/2	2,704.42
3/4		3/4		3/4		3/4	4,486.04	3/4	4,232.41	3/4	3,978.78	3/4	3,725.15	3/4	3,428.32	3/4	3,062.56	3/4	2,696.80
11		11		11		11	4,480.76	11	4,227.13	11	3,973.50	11	3,719.87	11	3,420.70	11	3,054.94	11	2,689.18
1/4		1/4		1/4		1/4	4,475.47	1/4	4,221.84	1/4	3,968.21	1/4	3,714.58	1/4	3,413.08	1/4	3,047.32	1/4	2,681.56
1/2		1/2		1/2		1/2	4,470.19	1/2	4,216.56	1/2	3,962.93	1/2	3,709.30	1/2	3,405.46	1/2	3,039.70	1/2	2,673.94
3/4		3/4		3/4		3/4	4,464.91	3/4	4,211.27	3/4	3,957.64	3/4	3,704.01	3/4	3,397.84	3/4	3,032.08	3/4	2,666.32

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 40'-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 "EBL 2989"

## 3 STBD

### ULLAGE TABLE HERMETIC

#### GAUGE HEIGHT 17'-03 1/2"

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	2,658.70	0	2,292.94	0	1,927.18	0	1,561.42	0	1,195.66	0	831.06	0	466.50	0	103.91	0		0	
1/4	2,651.08	1/4	2,285.32	1/4	1,919.56	1/4	1,553.80	1/4	1,188.04	1/4	823.48	1/4	458.89	1/4	96.51	1/4		1/4	
1/2	2,643.46	1/2	2,277.70	1/2	1,911.94	1/2	1,546.18	1/2	1,180.42	1/2	815.91	1/2	451.28	1/2	89.12	1/2		1/2	
3/4	2,635.84	3/4	2,270.08	3/4	1,904.32	3/4	1,538.56	3/4	1,172.80	3/4	808.33	3/4	443.67	3/4	81.73	3/4		3/4	
1	2,628.22	1	2,262.46	1	1,896.70	1	1,530.94	1	1,165.18	1	800.76	1	436.07	1	74.34	1		1	
1/4	2,620.60	1/4	2,254.84	1/4	1,889.08	1/4	1,523.32	1/4	1,157.56	1/4	793.18	1/4	428.46	1/4	67.13	1/4		1/4	
1/2	2,612.98	1/2	2,247.22	1/2	1,881.46	1/2	1,515.70	1/2	1,149.94	1/2	785.60	1/2	420.85	1/2	59.92	1/2		1/2	
3/4	2,605.36	3/4	2,239.60	3/4	1,873.84	3/4	1,508.08	3/4	1,142.32	3/4	778.02	3/4	413.24	3/4	52.71	3/4		3/4	
2	2,597.74	2	2,231.98	2	1,866.22	2	1,500.46	2	1,134.70	2	770.45	2	405.63	2	45.50	2		2	
1/4	2,590.12	1/4	2,224.36	1/4	1,858.60	1/4	1,492.84	1/4	1,127.08	1/4	762.87	1/4	398.02	1/4	39.90	1/4		1/4	
1/2	2,582.50	1/2	2,216.74	1/2	1,850.98	1/2	1,485.22	1/2	1,119.46	1/2	755.29	1/2	390.41	1/2	34.30	1/2		1/2	
3/4	2,574.88	3/4	2,209.12	3/4	1,843.36	3/4	1,477.60	3/4	1,111.84	3/4	747.71	3/4	382.80	3/4	28.70	3/4		3/4	
3	2,567.26	3	2,201.50	3	1,835.74	3	1,469.98	3	1,104.22	3	740.14	3	375.20	3	23.10	3		3	
1/4	2,559.64	1/4	2,193.88	1/4	1,828.12	1/4	1,462.36	1/4	1,096.60	1/4	732.56	1/4	367.59	1/4	19.30	1/4		1/4	
1/2	2,552.02	1/2	2,186.26	1/2	1,820.51	1/2	1,454.74	1/2	1,088.98	1/2	724.98	1/2	359.98	1/2	15.51	1/2		1/2	
3/4	2,544.40	3/4	2,178.64	3/4	1,812.89	3/4	1,447.12	3/4	1,081.36	3/4	717.40	3/4	352.37	3/4		3/4		3/4	
4	2,536.78	4	2,171.02	4	1,805.28	4	1,439.50	4	1,073.74	4	709.83	4	344.76	4		4		4	
1/4	2,529.16	1/4	2,163.40	1/4	1,797.65	1/4	1,431.88	1/4	1,066.12	1/4	702.25	1/4	337.15	1/4		1/4		1/4	
1/2	2,521.54	1/2	2,155.78	1/2	1,790.03	1/2	1,424.26	1/2	1,058.50	1/2	694.67	1/2	329.54	1/2		1/2		1/2	
3/4	2,513.92	3/4	2,148.16	3/4	1,782.40	3/4	1,416.64	3/4	1,050.88	3/4	687.09	3/4	321.93	3/4		3/4		3/4	
5	2,506.30	5	2,140.54	5	1,774.78	5	1,409.02	5	1,043.26	5	679.52	5	314.32	5		5		5	
1/4	2,498.68	1/4	2,132.92	1/4	1,767.16	1/4	1,401.40	1/4	1,035.67	1/4	671.92	1/4	306.71	1/4		1/4		1/4	
1/2	2,491.06	1/2	2,125.30	1/2	1,759.54	1/2	1,393.78	1/2	1,028.08	1/2	664.32	1/2	299.10	1/2		1/2		1/2	
3/4	2,483.44	3/4	2,117.68	3/4	1,751.92	3/4	1,386.16	3/4	1,020.49	3/4	656.72	3/4	291.49	3/4		3/4		3/4	
6	2,475.82	6	2,110.06	6	1,744.30	6	1,378.54	6	1,012.91	6	649.12	6	283.89	6		6		6	
1/4	2,468.20	1/4	2,102.44	1/4	1,736.68	1/4	1,370.92	1/4	1,005.33	1/4	641.51	1/4	276.28	1/4		1/4		1/4	
1/2	2,460.58	1/2	2,094.82	1/2	1,729.06	1/2	1,363.30	1/2	997.75	1/2	633.90	1/2	268.67	1/2		1/2		1/2	
3/4	2,452.96	3/4	2,087.20	3/4	1,721.44	3/4	1,355.68	3/4	990.17	3/4	626.29	3/4	261.06	3/4		3/4		3/4	
7	2,445.34	7	2,079.58	7	1,713.82	7	1,348.06	7	982.60	7	618.68	7	253.45	7		7		7	
1/4	2,437.72	1/4	2,071.96	1/4	1,706.20	1/4	1,340.44	1/4	975.02	1/4	611.07	1/4	245.84	1/4		1/4		1/4	
1/2	2,430.10	1/2	2,064.34	1/2	1,698.58	1/2	1,332.82	1/2	967.45	1/2	603.46	1/2	238.23	1/2		1/2		1/2	
3/4	2,422.48	3/4	2,056.72	3/4	1,690.96	3/4	1,325.20	3/4	959.87	3/4	595.85	3/4	230.62	3/4		3/4		3/4	
8	2,414.86	8	2,049.10	8	1,683.34	8	1,317.58	8	952.30	8	588.25	8	223.02	8		8		8	
1/4	2,407.24	1/4	2,041.48	1/4	1,675.72	1/4	1,309.96	1/4	944.72	1/4	580.64	1/4	215.41	1/4		1/4		1/4	
1/2	2,399.62	1/2	2,033.86	1/2	1,668.10	1/2	1,302.34	1/2	937.14	1/2	573.03	1/2	207.80	1/2		1/2		1/2	
3/4	2,392.00	3/4	2,026.24	3/4	1,660.48	3/4	1,294.72	3/4	929.56	3/4	565.42	3/4	200.19	3/4		3/4		3/4	
9	2,384.38	9	2,018.62	9	1,652.86	9	1,287.10	9	921.99	9	557.81	9	192.58	9		9		9	
1/4	2,376.76	1/4	2,011.00	1/4	1,645.24	1/4	1,279.48	1/4	914.41	1/4	550.20	1/4	185.15	1/4		1/4		1/4	
1/2	2,369.14	1/2	2,003.38	1/2	1,637.62	1/2	1,271.86	1/2	906.83	1/2	542.59	1/2	177.72	1/2		1/2		1/2	
3/4	2,361.52	3/4	1,995.76	3/4	1,630.00	3/4	1,264.24	3/4	899.25	3/4	534.98	3/4	170.29	3/4		3/4		3/4	
10	2,353.90	10	1,988.14	10	1,622.38	10	1,256.62	10	891.68	10	527.38	10	162.86	10		10		10	
1/4	2,346.28	1/4	1,980.52	1/4	1,614.76	1/4	1,249.00	1/4	884.10	1/4	519.77	1/4	155.48	1/4		1/4		1/4	
1/2	2,338.66	1/2	1,972.90	1/2	1,607.14	1/2	1,241.38	1/2	876.52	1/2	512.16	1/2	148.11	1/2		1/2		1/2	
3/4	2,331.04	3/4	1,965.28	3/4	1,599.52	3/4	1,233.76	3/4	868.94	3/4	504.55	3/4	140.74	3/4		3/4		3/4	
11	2,323.42	11	1,957.66	11	1,591.90	11	1,226.14	11	861.37	11	496.94	11	133.36	11		11		11	
1/4	2,315.80	1/4	1,950.04	1/4	1,584.28	1/4	1,218.52	1/4	853.79	1/4	489.33	1/4	126.00	1/4		1/4		1/4	
1/2	2,308.18	1/2	1,942.42	1/2	1,576.66	1/2	1,210.90	1/2	846.21	1/2	481.72	1/2	118.63	1/2		1/2		1/2	
3/4	2,300.56	3/4	1,934.80	3/4	1,569.04	3/4	1,203.28	3/4	838.63	3/4	474.11	3/4	111.27	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/06/2009 INS  
RECALCULATED: 08/20/2019 SW  
REPRINTED: 08/26/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

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

