



# BARGE "EBL 2993"

## ULLAGE TRIM TABLE (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	00-1/8	- 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
1 STBD	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
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	00-3/4	- 00-3/4
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	00-3/4	- 00-3/4
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 = 5'-00"  
 DIFF. = 3'-00" (DOWN BY STERN)

THE CORRECTION FOR 3'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00 1/4"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 236'-00"

January 17, 2020

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>





# BARGE "EBL 2993"

## 1 PORT ULLAGE TABLE

### HERMETIC

GAUGE HEIGHT 17'-02 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	5,031.39	0	4,690.94	0	4,334.78	0	3,978.62	0	3,622.46	0	3,266.30	0	2,910.14		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,027.15	1/4	4,683.52	1/4	4,327.36	1/4	3,971.20	1/4	3,615.04	1/4	3,258.88	1/4	2,902.72		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,021.78	1/2	4,676.10	1/2	4,319.94	1/2	3,963.78	1/2	3,607.62	1/2	3,251.46	1/2	2,895.30		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,016.40	3/4	4,668.68	3/4	4,312.52	3/4	3,956.36	3/4	3,600.20	3/4	3,244.04	3/4	2,887.88		
1	1	1	1	1	1	1	5,011.03	1	4,661.26	1	4,305.10	1	3,948.94	1	3,592.78	1	3,236.62	1	2,880.46		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,005.65	1/4	4,653.84	1/4	4,297.68	1/4	3,941.52	1/4	3,585.36	1/4	3,229.20	1/4	2,873.04		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,999.14	1/2	4,646.42	1/2	4,290.26	1/2	3,934.10	1/2	3,577.94	1/2	3,221.78	1/2	2,865.62		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,992.64	3/4	4,639.00	3/4	4,282.84	3/4	3,926.68	3/4	3,570.52	3/4	3,214.36	3/4	2,858.20		
2	2	2	2	2	2	2	4,986.13	2	4,631.58	2	4,275.42	2	3,919.26	2	3,563.10	2	3,206.94	2	2,850.78		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,979.62	1/4	4,624.16	1/4	4,268.00	1/4	3,911.84	1/4	3,555.68	1/4	3,199.52	1/4	2,843.36		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,972.38	1/2	4,616.74	1/2	4,260.58	1/2	3,904.42	1/2	3,548.26	1/2	3,192.10	1/2	2,835.94		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,965.13	3/4	4,609.32	3/4	4,253.16	3/4	3,897.00	3/4	3,540.84	3/4	3,184.68	3/4	2,828.52		
3	3	3	3	3	3	3	4,957.89	3	4,601.90	3	4,245.74	3	3,889.58	3	3,533.42	3	3,177.26	3	2,821.10		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,950.64	1/4	4,594.48	1/4	4,238.32	1/4	3,882.16	1/4	3,526.00	1/4	3,169.84	1/4	2,813.68		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,943.22	1/2	4,587.06	1/2	4,230.90	1/2	3,874.74	1/2	3,518.58	1/2	3,162.42	1/2	2,806.26		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,935.80	3/4	4,579.64	3/4	4,223.48	3/4	3,867.32	3/4	3,511.16	3/4	3,155.00	3/4	2,798.84		
4	4	4	4	4	4	4	4,928.38	4	4,572.22	4	4,216.06	4	3,859.90	4	3,503.74	4	3,147.58	4	2,791.42		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,920.96	1/4	4,564.80	1/4	4,208.64	1/4	3,852.48	1/4	3,496.32	1/4	3,140.16	1/4	2,784.00		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,913.54	1/2	4,557.38	1/2	4,201.22	1/2	3,845.06	1/2	3,488.90	1/2	3,132.74	1/2	2,776.58		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,906.12	3/4	4,549.96	3/4	4,193.80	3/4	3,837.64	3/4	3,481.48	3/4	3,125.32	3/4	2,769.16		
5	5	5	5	5	5	5	4,898.70	5	4,542.54	5	4,186.38	5	3,830.22	5	3,474.06	5	3,117.90	5	2,761.74		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,891.28	1/4	4,535.12	1/4	4,178.96	1/4	3,822.80	1/4	3,466.64	1/4	3,110.48	1/4	2,754.32		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,883.86	1/2	4,527.70	1/2	4,171.54	1/2	3,815.38	1/2	3,459.22	1/2	3,103.06	1/2	2,746.90		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,876.44	3/4	4,520.28	3/4	4,164.12	3/4	3,807.96	3/4	3,451.80	3/4	3,095.64	3/4	2,739.48		
6	6	6	6	6	6	6	4,869.02	6	4,512.86	6	4,156.70	6	3,800.54	6	3,444.38	6	3,088.22	6	2,732.06		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,861.60	1/4	4,505.44	1/4	4,149.28	1/4	3,793.12	1/4	3,436.96	1/4	3,080.80	1/4	2,724.64		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,854.18	1/2	4,498.02	1/2	4,141.86	1/2	3,785.70	1/2	3,429.54	1/2	3,073.38	1/2	2,717.22		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,846.76	3/4	4,490.60	3/4	4,134.44	3/4	3,778.28	3/4	3,422.12	3/4	3,065.96	3/4	2,709.80		
7	7	7	7	7	7	7	4,839.34	7	4,483.18	7	4,127.02	7	3,770.86	7	3,414.70	7	3,058.54	7	2,702.38		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,831.92	1/4	4,475.76	1/4	4,119.60	1/4	3,763.44	1/4	3,407.28	1/4	3,051.12	1/4	2,694.96		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,824.50	1/2	4,468.34	1/2	4,112.18	1/2	3,756.02	1/2	3,399.86	1/2	3,043.70	1/2	2,687.54		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,817.08	3/4	4,460.92	3/4	4,104.76	3/4	3,748.60	3/4	3,392.44	3/4	3,036.28	3/4	2,680.12		
8	8	8	8	8	8	8	4,809.66	8	4,453.50	8	4,097.34	8	3,741.18	8	3,385.02	8	3,028.86	8	2,672.70		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,802.24	1/4	4,446.08	1/4	4,089.92	1/4	3,733.76	1/4	3,377.60	1/4	3,021.44	1/4	2,665.28		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,794.82	1/2	4,438.66	1/2	4,082.50	1/2	3,726.34	1/2	3,370.18	1/2	3,014.02	1/2	2,657.86		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,787.40	3/4	4,431.24	3/4	4,075.08	3/4	3,718.92	3/4	3,362.76	3/4	3,006.60	3/4	2,650.44		
9	9	9	9	9	9	9	4,779.98	9	4,423.82	9	4,067.66	9	3,711.50	9	3,355.34	9	2,999.18	9	2,643.02		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,772.56	1/4	4,416.40	1/4	4,060.24	1/4	3,704.08	1/4	3,347.92	1/4	2,991.76	1/4	2,635.60		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,765.14	1/2	4,408.98	1/2	4,052.82	1/2	3,696.66	1/2	3,340.50	1/2	2,984.34	1/2	2,628.18		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,757.72	3/4	4,401.56	3/4	4,045.40	3/4	3,689.24	3/4	3,333.08	3/4	2,976.92	3/4	2,620.76		
10	10	10	10	10	10	10	4,750.30	10	4,394.14	10	4,037.98	10	3,681.82	10	3,325.66	10	2,969.50	10	2,613.34		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,742.88	1/4	4,386.72	1/4	4,030.56	1/4	3,674.40	1/4	3,318.24	1/4	2,962.08	1/4	2,605.92		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,735.46	1/2	4,379.30	1/2	4,023.14	1/2	3,666.98	1/2	3,310.82	1/2	2,954.66	1/2	2,598.50		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,050.33	3/4	4,728.04	3/4	4,371.88	3/4	4,015.72	3/4	3,659.56	3/4	3,303.40	3/4	2,947.24		
11	11	11	11	11	11	11	5,047.22	11	4,720.62	11	4,364.46	11	4,008.30	11	3,652.14	11	3,295.98	11	2,939.82	11	2,583.66
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,044.11	1/4	4,713.20	1/4	4,357.04	1/4	4,000.88	1/4	3,644.72	1/4	3,288.56	1/4	2,932.40	1/4	2,576.24
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,039.87	1/2	4,705.78	1/2	4,349.62	1/2	3,993.46	1/2	3,637.30	1/2	3,281.14	1/2	2,924.98	1/2	2,568.82
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,035.63	3/4	4,698.36	3/4	4,342.20	3/4	3,986.04	3/4	3,629.88	3/4	3,273.72	3/4	2,917.56	3/4	2,561.40

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD.

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



# BARGE "EBL 2993"

## 1 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-02 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	2,553.98	0	2,197.82	0	1,841.66	0	1,485.50	0	1,129.34	0	773.18	0	415.59	0	79.75	0		0	
1/4	2,546.56	1/4	2,190.40	1/4	1,834.24	1/4	1,478.08	1/4	1,121.92	1/4	765.76	1/4	408.14	1/4	73.29	1/4		1/4	
1/2	2,539.14	1/2	2,182.98	1/2	1,826.82	1/2	1,470.66	1/2	1,114.50	1/2	758.34	1/2	400.75	1/2	66.89	1/2		1/2	
3/4	2,531.72	3/4	2,175.56	3/4	1,819.40	3/4	1,463.24	3/4	1,107.08	3/4	750.92	3/4	393.36	3/4	60.48	3/4		3/4	
1	2,524.30	1	2,168.14	1	1,811.98	1	1,455.82	1	1,099.66	1	743.50	1	385.97	1	54.08	1		1	
1/4	2,516.88	1/4	2,160.72	1/4	1,804.56	1/4	1,448.40	1/4	1,092.24	1/4	736.08	1/4	378.58	1/4	47.68	1/4		1/4	
1/2	2,509.46	1/2	2,153.30	1/2	1,797.14	1/2	1,440.98	1/2	1,084.82	1/2	728.66	1/2	371.25	1/2	42.42	1/2		1/2	
3/4	2,502.04	3/4	2,145.88	3/4	1,789.72	3/4	1,433.56	3/4	1,077.40	3/4	721.24	3/4	363.92	3/4	37.16	3/4		3/4	
2	2,494.62	2	2,138.46	2	1,782.30	2	1,426.14	2	1,069.98	2	713.82	2	356.60	2	31.90	2		2	
1/4	2,487.20	1/4	2,131.04	1/4	1,774.88	1/4	1,418.72	1/4	1,062.56	1/4	706.40	1/4	349.27	1/4	26.64	1/4		1/4	
1/2	2,479.78	1/2	2,123.62	1/2	1,767.46	1/2	1,411.30	1/2	1,055.14	1/2	698.98	1/2	342.00	1/2	22.83	1/2		1/2	
3/4	2,472.36	3/4	2,116.20	3/4	1,760.04	3/4	1,403.88	3/4	1,047.72	3/4	691.56	3/4	334.74	3/4	19.03	3/4		3/4	
3	2,464.94	3	2,108.78	3	1,752.62	3	1,396.46	3	1,040.30	3	684.14	3	327.47	3		3		3	
1/4	2,457.52	1/4	2,101.36	1/4	1,745.20	1/4	1,389.04	1/4	1,032.88	1/4	676.72	1/4	320.21	1/4		1/4		1/4	
1/2	2,450.10	1/2	2,093.94	1/2	1,737.78	1/2	1,381.62	1/2	1,025.46	1/2	669.30	1/2	313.00	1/2		1/2		1/2	
3/4	2,442.68	3/4	2,086.52	3/4	1,730.36	3/4	1,374.20	3/4	1,018.04	3/4	661.88	3/4	305.80	3/4		3/4		3/4	
4	2,435.26	4	2,079.10	4	1,722.94	4	1,366.78	4	1,010.62	4	654.46	4	298.59	4		4		4	
1/4	2,427.84	1/4	2,071.68	1/4	1,715.52	1/4	1,359.36	1/4	1,003.20	1/4	647.04	1/4	291.39	1/4		1/4		1/4	
1/2	2,420.42	1/2	2,064.26	1/2	1,708.10	1/2	1,351.94	1/2	995.78	1/2	639.62	1/2	284.25	1/2		1/2		1/2	
3/4	2,413.00	3/4	2,056.84	3/4	1,700.68	3/4	1,344.52	3/4	988.36	3/4	632.20	3/4	277.11	3/4		3/4		3/4	
5	2,405.58	5	2,049.42	5	1,693.26	5	1,337.10	5	980.94	5	624.78	5	269.97	5		5		5	
1/4	2,398.16	1/4	2,042.00	1/4	1,685.84	1/4	1,329.68	1/4	973.52	1/4	617.36	1/4	262.83	1/4		1/4		1/4	
1/2	2,390.74	1/2	2,034.58	1/2	1,678.42	1/2	1,322.26	1/2	966.10	1/2	609.94	1/2	255.75	1/2		1/2		1/2	
3/4	2,383.32	3/4	2,027.16	3/4	1,671.00	3/4	1,314.84	3/4	958.68	3/4	602.52	3/4	248.68	3/4		3/4		3/4	
6	2,375.90	6	2,019.74	6	1,663.58	6	1,307.42	6	951.26	6	595.10	6	241.60	6		6		6	
1/4	2,368.48	1/4	2,012.32	1/4	1,656.16	1/4	1,300.00	1/4	943.84	1/4	587.68	1/4	234.53	1/4		1/4		1/4	
1/2	2,361.06	1/2	2,004.90	1/2	1,648.74	1/2	1,292.58	1/2	936.42	1/2	580.26	1/2	227.51	1/2		1/2		1/2	
3/4	2,353.64	3/4	1,997.48	3/4	1,641.32	3/4	1,285.16	3/4	929.00	3/4	572.84	3/4	220.50	3/4		3/4		3/4	
7	2,346.22	7	1,990.06	7	1,633.90	7	1,277.74	7	921.58	7	565.42	7	213.48	7		7		7	
1/4	2,338.80	1/4	1,982.64	1/4	1,626.48	1/4	1,270.32	1/4	914.16	1/4	558.00	1/4	206.47	1/4		1/4		1/4	
1/2	2,331.38	1/2	1,975.22	1/2	1,619.06	1/2	1,262.90	1/2	906.74	1/2	550.58	1/2	199.52	1/2		1/2		1/2	
3/4	2,323.96	3/4	1,967.80	3/4	1,611.64	3/4	1,255.48	3/4	899.32	3/4	543.16	3/4	192.56	3/4		3/4		3/4	
8	2,316.54	8	1,960.38	8	1,604.22	8	1,248.06	8	891.90	8	535.74	8	185.61	8		8		8	
1/4	2,309.12	1/4	1,952.96	1/4	1,596.80	1/4	1,240.64	1/4	884.48	1/4	528.32	1/4	178.66	1/4		1/4		1/4	
1/2	2,301.70	1/2	1,945.54	1/2	1,589.38	1/2	1,233.22	1/2	877.06	1/2	520.82	1/2	171.89	1/2		1/2		1/2	
3/4	2,294.28	3/4	1,938.12	3/4	1,581.96	3/4	1,225.80	3/4	869.64	3/4	513.32	3/4	165.12	3/4		3/4		3/4	
9	2,286.86	9	1,930.70	9	1,574.54	9	1,218.38	9	862.22	9	505.82	9	158.36	9		9		9	
1/4	2,279.44	1/4	1,923.28	1/4	1,567.12	1/4	1,210.96	1/4	854.80	1/4	498.32	1/4	151.59	1/4		1/4		1/4	
1/2	2,272.02	1/2	1,915.86	1/2	1,559.70	1/2	1,203.54	1/2	847.38	1/2	490.74	1/2	145.00	1/2		1/2		1/2	
3/4	2,264.60	3/4	1,908.44	3/4	1,552.28	3/4	1,196.12	3/4	839.96	3/4	483.16	3/4	138.41	3/4		3/4		3/4	
10	2,257.18	10	1,901.02	10	1,544.86	10	1,188.70	10	832.54	10	475.59	10	131.83	10		10		10	
1/4	2,249.76	1/4	1,893.60	1/4	1,537.44	1/4	1,181.28	1/4	825.12	1/4	468.01	1/4	125.24	1/4		1/4		1/4	
1/2	2,242.34	1/2	1,886.18	1/2	1,530.02	1/2	1,173.86	1/2	817.70	1/2	460.49	1/2	118.71	1/2		1/2		1/2	
3/4	2,234.92	3/4	1,878.76	3/4	1,522.60	3/4	1,166.44	3/4	810.28	3/4	452.98	3/4	112.19	3/4		3/4		3/4	
11	2,227.50	11	1,871.34	11	1,515.18	11	1,159.02	11	802.86	11	445.46	11	105.66	11		11		11	
1/4	2,220.08	1/4	1,863.92	1/4	1,507.76	1/4	1,151.60	1/4	795.44	1/4	437.95	1/4	99.14	1/4		1/4		1/4	
1/2	2,212.66	1/2	1,856.50	1/2	1,500.34	1/2	1,144.18	1/2	788.02	1/2	430.50	1/2	92.68	1/2		1/2		1/2	
3/4	2,205.24	3/4	1,849.08	3/4	1,492.92	3/4	1,136.76	3/4	780.60	3/4	423.04	3/4	86.21	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/24/2006 INS  
RECALCULATED: 01/17/2020 SW  
REPRINTED: 01/17/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

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



# BARGE "EBL 2993"

## 1 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	5,035.63	0	4,698.36	0	4,342.20	0	3,986.04	0	3,629.88	0	3,273.72	0	2,917.56
1/4		1/4		1/4		1/4	5,031.39	1/4	4,690.94	1/4	4,334.78	1/4	3,978.62	1/4	3,622.46	1/4	3,266.30	1/4	2,910.14
1/2		1/2		1/2		1/2	5,027.15	1/2	4,683.52	1/2	4,327.36	1/2	3,971.20	1/2	3,615.04	1/2	3,258.88	1/2	2,902.72
3/4		3/4		3/4		3/4	5,021.78	3/4	4,676.10	3/4	4,319.94	3/4	3,963.78	3/4	3,607.62	3/4	3,251.46	3/4	2,895.30
1		1		1		1	5,016.40	1	4,668.68	1	4,312.52	1	3,956.36	1	3,600.20	1	3,244.04	1	2,887.88
1/4		1/4		1/4		1/4	5,011.03	1/4	4,661.26	1/4	4,305.10	1/4	3,948.94	1/4	3,592.78	1/4	3,236.62	1/4	2,880.46
1/2		1/2		1/2		1/2	5,005.65	1/2	4,653.84	1/2	4,297.68	1/2	3,941.52	1/2	3,585.36	1/2	3,229.20	1/2	2,873.04
3/4		3/4		3/4		3/4	4,999.14	3/4	4,646.42	3/4	4,290.26	3/4	3,934.10	3/4	3,577.94	3/4	3,221.78	3/4	2,865.62
2		2		2		2	4,992.64	2	4,639.00	2	4,282.84	2	3,926.68	2	3,570.52	2	3,214.36	2	2,858.20
1/4		1/4		1/4		1/4	4,986.13	1/4	4,631.58	1/4	4,275.42	1/4	3,919.26	1/4	3,563.10	1/4	3,206.94	1/4	2,850.78
1/2		1/2		1/2		1/2	4,979.62	1/2	4,624.16	1/2	4,268.00	1/2	3,911.84	1/2	3,555.68	1/2	3,199.52	1/2	2,843.36
3/4		3/4		3/4		3/4	4,972.38	3/4	4,616.74	3/4	4,260.58	3/4	3,904.42	3/4	3,548.26	3/4	3,192.10	3/4	2,835.94
3		3		3		3	4,965.13	3	4,609.32	3	4,253.16	3	3,897.00	3	3,540.84	3	3,184.68	3	2,828.52
1/4		1/4		1/4		1/4	4,957.89	1/4	4,601.90	1/4	4,245.74	1/4	3,889.58	1/4	3,533.42	1/4	3,177.26	1/4	2,821.10
1/2		1/2		1/2		1/2	4,950.64	1/2	4,594.48	1/2	4,238.32	1/2	3,882.16	1/2	3,526.00	1/2	3,169.84	1/2	2,813.68
3/4		3/4		3/4		3/4	4,943.22	3/4	4,587.06	3/4	4,230.90	3/4	3,874.74	3/4	3,518.58	3/4	3,162.42	3/4	2,806.26
4		4		4		4	4,935.80	4	4,579.64	4	4,223.48	4	3,867.32	4	3,511.16	4	3,155.00	4	2,798.84
1/4		1/4		1/4		1/4	4,928.38	1/4	4,572.22	1/4	4,216.06	1/4	3,859.90	1/4	3,503.74	1/4	3,147.58	1/4	2,791.42
1/2		1/2		1/2		1/2	4,920.96	1/2	4,564.80	1/2	4,208.64	1/2	3,852.48	1/2	3,496.32	1/2	3,140.16	1/2	2,784.00
3/4		3/4		3/4		3/4	4,913.54	3/4	4,557.38	3/4	4,201.22	3/4	3,845.06	3/4	3,488.90	3/4	3,132.74	3/4	2,776.58
5		5		5		5	4,906.12	5	4,549.96	5	4,193.80	5	3,837.64	5	3,481.48	5	3,125.32	5	2,769.16
1/4		1/4		1/4		1/4	4,898.70	1/4	4,542.54	1/4	4,186.38	1/4	3,830.22	1/4	3,474.06	1/4	3,117.90	1/4	2,761.74
1/2		1/2		1/2		1/2	4,891.28	1/2	4,535.12	1/2	4,178.96	1/2	3,822.80	1/2	3,466.64	1/2	3,110.48	1/2	2,754.32
3/4		3/4		3/4		3/4	4,883.86	3/4	4,527.70	3/4	4,171.54	3/4	3,815.38	3/4	3,459.22	3/4	3,103.06	3/4	2,746.90
6		6		6		6	4,876.44	6	4,520.28	6	4,164.12	6	3,807.96	6	3,451.80	6	3,095.64	6	2,739.48
1/4		1/4		1/4		1/4	4,869.02	1/4	4,512.86	1/4	4,156.70	1/4	3,800.54	1/4	3,444.38	1/4	3,088.22	1/4	2,732.06
1/2		1/2		1/2		1/2	4,861.60	1/2	4,505.44	1/2	4,149.28	1/2	3,793.12	1/2	3,436.96	1/2	3,080.80	1/2	2,724.64
3/4		3/4		3/4		3/4	4,854.18	3/4	4,498.02	3/4	4,141.86	3/4	3,785.70	3/4	3,429.54	3/4	3,073.38	3/4	2,717.22
7		7		7		7	4,846.76	7	4,490.60	7	4,134.44	7	3,778.28	7	3,422.12	7	3,065.96	7	2,709.80
1/4		1/4		1/4		1/4	4,839.34	1/4	4,483.18	1/4	4,127.02	1/4	3,770.86	1/4	3,414.70	1/4	3,058.54	1/4	2,702.38
1/2		1/2		1/2		1/2	4,831.92	1/2	4,475.76	1/2	4,119.60	1/2	3,763.44	1/2	3,407.28	1/2	3,051.12	1/2	2,694.96
3/4		3/4		3/4		3/4	4,824.50	3/4	4,468.34	3/4	4,112.18	3/4	3,756.02	3/4	3,399.86	3/4	3,043.70	3/4	2,687.54
8		8		8		8	4,817.08	8	4,460.92	8	4,104.76	8	3,748.60	8	3,392.44	8	3,036.28	8	2,680.12
1/4		1/4		1/4		1/4	4,809.66	1/4	4,453.50	1/4	4,097.34	1/4	3,741.18	1/4	3,385.02	1/4	3,028.86	1/4	2,672.70
1/2		1/2		1/2		1/2	4,802.24	1/2	4,446.08	1/2	4,089.92	1/2	3,733.76	1/2	3,377.60	1/2	3,021.44	1/2	2,665.28
3/4		3/4		3/4		3/4	4,794.82	3/4	4,438.66	3/4	4,082.50	3/4	3,726.34	3/4	3,370.18	3/4	3,014.02	3/4	2,657.86
9		9		9		9	4,787.40	9	4,431.24	9	4,075.08	9	3,718.92	9	3,362.76	9	3,006.60	9	2,650.44
1/4		1/4		1/4		1/4	4,779.98	1/4	4,423.82	1/4	4,067.66	1/4	3,711.50	1/4	3,355.34	1/4	2,999.18	1/4	2,643.02
1/2		1/2		1/2		1/2	4,772.56	1/2	4,416.40	1/2	4,060.24	1/2	3,704.08	1/2	3,347.92	1/2	2,991.76	1/2	2,635.60
3/4		3/4		3/4		3/4	4,765.14	3/4	4,408.98	3/4	4,052.82	3/4	3,696.66	3/4	3,340.50	3/4	2,984.34	3/4	2,628.18
10		10		10		10	4,757.72	10	4,401.56	10	4,045.40	10	3,689.24	10	3,333.08	10	2,976.92	10	2,620.76
1/4		1/4		1/4		1/4	4,750.30	1/4	4,394.14	1/4	4,037.98	1/4	3,681.82	1/4	3,325.66	1/4	2,969.50	1/4	2,613.34
1/2		1/2		1/2		1/2	4,742.88	1/2	4,386.72	1/2	4,030.56	1/2	3,674.40	1/2	3,318.24	1/2	2,962.08	1/2	2,605.92
3/4		3/4		3/4		3/4	4,735.46	3/4	4,379.30	3/4	4,023.14	3/4	3,666.98	3/4	3,310.82	3/4	2,954.66	3/4	2,598.50
11		11		11	5,050.33	11	4,728.04	11	4,371.88	11	4,015.72	11	3,659.56	11	3,303.40	11	2,947.24	11	2,591.08
1/4		1/4		1/4	5,047.22	1/4	4,720.62	1/4	4,364.46	1/4	4,008.30	1/4	3,652.14	1/4	3,295.98	1/4	2,939.82	1/4	2,583.66
1/2		1/2		1/2	5,044.11	1/2	4,713.20	1/2	4,357.04	1/2	4,000.88	1/2	3,644.72	1/2	3,288.56	1/2	2,932.40	1/2	2,576.24
3/4		3/4		3/4	5,039.87	3/4	4,705.78	3/4	4,349.62	3/4	3,993.46	3/4	3,637.30	3/4	3,281.14	3/4	2,924.98	3/4	2,568.82

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 44'-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 "EBL 2993"

## 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	2,561.40	0	2,205.24	0	1,849.08	0	1,492.92	0	1,136.76	0	780.60	0	423.04	0	86.21	0		0	
1/4	2,553.98	1/4	2,197.82	1/4	1,841.66	1/4	1,485.50	1/4	1,129.34	1/4	773.18	1/4	415.59	1/4	79.75	1/4		1/4	
1/2	2,546.56	1/2	2,190.40	1/2	1,834.24	1/2	1,478.08	1/2	1,121.92	1/2	765.76	1/2	408.14	1/2	73.29	1/2		1/2	
3/4	2,539.14	3/4	2,182.98	3/4	1,826.82	3/4	1,470.66	3/4	1,114.50	3/4	758.34	3/4	400.75	3/4	66.89	3/4		3/4	
1	2,531.72	1	2,175.56	1	1,819.40	1	1,463.24	1	1,107.08	1	750.92	1	393.36	1	60.48	1		1	
1/4	2,524.30	1/4	2,168.14	1/4	1,811.98	1/4	1,455.82	1/4	1,099.66	1/4	743.50	1/4	385.97	1/4	54.08	1/4		1/4	
1/2	2,516.88	1/2	2,160.72	1/2	1,804.56	1/2	1,448.40	1/2	1,092.24	1/2	736.08	1/2	378.58	1/2	47.68	1/2		1/2	
3/4	2,509.46	3/4	2,153.30	3/4	1,797.14	3/4	1,440.98	3/4	1,084.82	3/4	728.66	3/4	371.25	3/4	42.42	3/4		3/4	
2	2,502.04	2	2,145.88	2	1,789.72	2	1,433.56	2	1,077.40	2	721.24	2	363.92	2	37.16	2		2	
1/4	2,494.62	1/4	2,138.46	1/4	1,782.30	1/4	1,426.14	1/4	1,069.98	1/4	713.82	1/4	356.60	1/4	31.90	1/4		1/4	
1/2	2,487.20	1/2	2,131.04	1/2	1,774.88	1/2	1,418.72	1/2	1,062.56	1/2	706.40	1/2	349.27	1/2	26.64	1/2		1/2	
3/4	2,479.78	3/4	2,123.62	3/4	1,767.46	3/4	1,411.30	3/4	1,055.14	3/4	698.98	3/4	342.00	3/4	22.83	3/4		3/4	
3	2,472.36	3	2,116.20	3	1,760.04	3	1,403.88	3	1,047.72	3	691.56	3	334.74	3	19.03	3		3	
1/4	2,464.94	1/4	2,108.78	1/4	1,752.62	1/4	1,396.46	1/4	1,040.30	1/4	684.14	1/4	327.47	1/4		1/4		1/4	
1/2	2,457.52	1/2	2,101.36	1/2	1,745.20	1/2	1,389.04	1/2	1,032.88	1/2	676.72	1/2	320.21	1/2		1/2		1/2	
3/4	2,450.10	3/4	2,093.94	3/4	1,737.78	3/4	1,381.62	3/4	1,025.46	3/4	669.30	3/4	313.00	3/4		3/4		3/4	
4	2,442.68	4	2,086.52	4	1,730.36	4	1,374.20	4	1,018.04	4	661.88	4	305.80	4	4	4		4	
1/4	2,435.26	1/4	2,079.10	1/4	1,722.94	1/4	1,366.78	1/4	1,010.62	1/4	654.46	1/4	298.59	1/4		1/4		1/4	
1/2	2,427.84	1/2	2,071.68	1/2	1,715.52	1/2	1,359.36	1/2	1,003.20	1/2	647.04	1/2	291.39	1/2		1/2		1/2	
3/4	2,420.42	3/4	2,064.26	3/4	1,708.10	3/4	1,351.94	3/4	995.78	3/4	639.62	3/4	284.25	3/4		3/4		3/4	
5	2,413.00	5	2,056.84	5	1,700.68	5	1,344.52	5	988.36	5	632.20	5	277.11	5	5	5		5	
1/4	2,405.58	1/4	2,049.42	1/4	1,693.26	1/4	1,337.10	1/4	980.94	1/4	624.78	1/4	269.97	1/4		1/4		1/4	
1/2	2,398.16	1/2	2,042.00	1/2	1,685.84	1/2	1,329.68	1/2	973.52	1/2	617.36	1/2	262.83	1/2		1/2		1/2	
3/4	2,390.74	3/4	2,034.58	3/4	1,678.42	3/4	1,322.26	3/4	966.10	3/4	609.94	3/4	255.75	3/4		3/4		3/4	
6	2,383.32	6	2,027.16	6	1,671.00	6	1,314.84	6	958.68	6	602.52	6	248.68	6	6	6		6	
1/4	2,375.90	1/4	2,019.74	1/4	1,663.58	1/4	1,307.42	1/4	951.26	1/4	595.10	1/4	241.60	1/4		1/4		1/4	
1/2	2,368.48	1/2	2,012.32	1/2	1,656.16	1/2	1,300.00	1/2	943.84	1/2	587.68	1/2	234.53	1/2		1/2		1/2	
3/4	2,361.06	3/4	2,004.90	3/4	1,648.74	3/4	1,292.58	3/4	936.42	3/4	580.26	3/4	227.51	3/4		3/4		3/4	
7	2,353.64	7	1,997.48	7	1,641.32	7	1,285.16	7	929.00	7	572.84	7	220.50	7	7	7		7	
1/4	2,346.22	1/4	1,990.06	1/4	1,633.90	1/4	1,277.74	1/4	921.58	1/4	565.42	1/4	213.48	1/4		1/4		1/4	
1/2	2,338.80	1/2	1,982.64	1/2	1,626.48	1/2	1,270.32	1/2	914.16	1/2	558.00	1/2	206.47	1/2		1/2		1/2	
3/4	2,331.38	3/4	1,975.22	3/4	1,619.06	3/4	1,262.90	3/4	906.74	3/4	550.58	3/4	199.52	3/4		3/4		3/4	
8	2,323.96	8	1,967.80	8	1,611.64	8	1,255.48	8	899.32	8	543.16	8	192.56	8	8	8		8	
1/4	2,316.54	1/4	1,960.38	1/4	1,604.22	1/4	1,248.06	1/4	891.90	1/4	535.74	1/4	185.61	1/4		1/4		1/4	
1/2	2,309.12	1/2	1,952.96	1/2	1,596.80	1/2	1,240.64	1/2	884.48	1/2	528.32	1/2	178.66	1/2		1/2		1/2	
3/4	2,301.70	3/4	1,945.54	3/4	1,589.38	3/4	1,233.22	3/4	877.06	3/4	520.82	3/4	171.89	3/4		3/4		3/4	
9	2,294.28	9	1,938.12	9	1,581.96	9	1,225.80	9	869.64	9	513.32	9	165.12	9	9	9		9	
1/4	2,286.86	1/4	1,930.70	1/4	1,574.54	1/4	1,218.38	1/4	862.22	1/4	505.82	1/4	158.36	1/4		1/4		1/4	
1/2	2,279.44	1/2	1,923.28	1/2	1,567.12	1/2	1,210.96	1/2	854.80	1/2	498.32	1/2	151.59	1/2		1/2		1/2	
3/4	2,272.02	3/4	1,915.86	3/4	1,559.70	3/4	1,203.54	3/4	847.38	3/4	490.74	3/4	145.00	3/4		3/4		3/4	
10	2,264.60	10	1,908.44	10	1,552.28	10	1,196.12	10	839.96	10	483.16	10	138.41	10	10	10		10	
1/4	2,257.18	1/4	1,901.02	1/4	1,544.86	1/4	1,188.70	1/4	832.54	1/4	475.59	1/4	131.83	1/4		1/4		1/4	
1/2	2,249.76	1/2	1,893.60	1/2	1,537.44	1/2	1,181.28	1/2	825.12	1/2	468.01	1/2	125.24	1/2		1/2		1/2	
3/4	2,242.34	3/4	1,886.18	3/4	1,530.02	3/4	1,173.86	3/4	817.70	3/4	460.49	3/4	118.71	3/4		3/4		3/4	
11	2,234.92	11	1,878.76	11	1,522.60	11	1,166.44	11	810.28	11	452.98	11	112.19	11	11	11		11	
1/4	2,227.50	1/4	1,871.34	1/4	1,515.18	1/4	1,159.02	1/4	802.86	1/4	445.46	1/4	105.66	1/4		1/4		1/4	
1/2	2,220.08	1/2	1,863.92	1/2	1,507.76	1/2	1,151.60	1/2	795.44	1/2	437.95	1/2	99.14	1/2		1/2		1/2	
3/4	2,212.66	3/4	1,856.50	3/4	1,500.34	3/4	1,144.18	3/4	788.02	3/4	430.50	3/4	92.68	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/24/2006 INS  
RECALCULATED: 01/17/2020 SW  
REPRINTED: 01/17/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

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





# BARGE "EBL 2993"

## 2 PORT 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	5,098.97	0	4,776.03	0	4,418.62	0	4,057.37	0	3,696.13	0	3,334.88	0	2,973.63
1/4		1/4		1/4		1/4	5,094.98	1/4	4,768.88	1/4	4,411.10	1/4	4,049.85	1/4	3,688.60	1/4	3,327.35	1/4	2,966.10
1/2		1/2		1/2		1/2	5,090.98	1/2	4,761.74	1/2	4,403.57	1/2	4,042.32	1/2	3,681.07	1/2	3,319.82	1/2	2,958.58
3/4		3/4		3/4		3/4	5,085.92	3/4	4,754.60	3/4	4,396.04	3/4	4,034.80	3/4	3,673.55	3/4	3,312.30	3/4	2,951.05
1		1		1		1	5,080.87	1	4,747.46	1	4,388.52	1	4,027.27	1	3,666.02	1	3,304.77	1	2,943.52
1/4		1/4		1/4		1/4	5,075.81	1/4	4,740.32	1/4	4,380.99	1/4	4,019.75	1/4	3,658.50	1/4	3,297.25	1/4	2,936.00
1/2		1/2		1/2		1/2	5,070.75	1/2	4,733.18	1/2	4,373.46	1/2	4,012.22	1/2	3,650.97	1/2	3,289.72	1/2	2,928.47
3/4		3/4		3/4		3/4	5,064.65	3/4	4,726.04	3/4	4,365.94	3/4	4,004.69	3/4	3,643.44	3/4	3,282.20	3/4	2,920.94
2		2		2		2	5,058.55	2	4,718.90	2	4,358.41	2	3,997.17	2	3,635.92	2	3,274.67	2	2,913.42
1/4		1/4		1/4		1/4	5,052.45	1/4	4,711.75	1/4	4,350.89	1/4	3,989.64	1/4	3,628.39	1/4	3,267.15	1/4	2,905.89
1/2		1/2		1/2		1/2	5,046.35	1/2	4,704.61	1/2	4,343.36	1/2	3,982.11	1/2	3,620.86	1/2	3,259.62	1/2	2,898.37
3/4		3/4		3/4		3/4	5,039.48	3/4	4,697.08	3/4	4,335.84	3/4	3,974.59	3/4	3,613.34	3/4	3,252.09	3/4	2,890.84
3		3		3		3	5,032.61	3	4,689.56	3	4,328.31	3	3,967.06	3	3,605.81	3	3,244.57	3	2,883.31
1/4		1/4		1/4		1/4	5,025.73	1/4	4,682.03	1/4	4,320.79	1/4	3,959.54	1/4	3,598.29	1/4	3,237.04	1/4	2,875.79
1/2		1/2		1/2		1/2	5,018.86	1/2	4,674.50	1/2	4,313.26	1/2	3,952.01	1/2	3,590.76	1/2	3,229.51	1/2	2,868.26
3/4		3/4		3/4		3/4	5,011.72	3/4	4,666.98	3/4	4,305.73	3/4	3,944.48	3/4	3,583.24	3/4	3,221.99	3/4	2,860.73
4		4		4		4	5,004.58	4	4,659.45	4	4,298.21	4	3,936.96	4	3,575.71	4	3,214.46	4	2,853.21
1/4		1/4		1/4		1/4	4,997.43	1/4	4,651.93	1/4	4,290.68	1/4	3,929.43	1/4	3,568.19	1/4	3,206.94	1/4	2,845.68
1/2		1/2		1/2		1/2	4,990.29	1/2	4,644.40	1/2	4,283.15	1/2	3,921.90	1/2	3,560.66	1/2	3,199.41	1/2	2,838.16
3/4		3/4		3/4		3/4	4,983.15	3/4	4,636.88	3/4	4,275.63	3/4	3,914.38	3/4	3,553.13	3/4	3,191.88	3/4	2,830.63
5		5		5		5	4,976.01	5	4,629.35	5	4,268.10	5	3,906.85	5	3,545.61	5	3,184.36	5	2,823.11
1/4		1/4		1/4		1/4	4,968.86	1/4	4,621.83	1/4	4,260.58	1/4	3,899.33	1/4	3,538.08	1/4	3,176.83	1/4	2,815.58
1/2		1/2		1/2		1/2	4,961.72	1/2	4,614.30	1/2	4,253.05	1/2	3,891.80	1/2	3,530.55	1/2	3,169.30	1/2	2,808.06
3/4		3/4		3/4		3/4	4,954.58	3/4	4,606.77	3/4	4,245.52	3/4	3,884.28	3/4	3,523.03	3/4	3,161.78	3/4	2,800.53
6		6		6		6	4,947.44	6	4,599.25	6	4,238.00	6	3,876.75	6	3,515.50	6	3,154.25	6	2,793.00
1/4		1/4		1/4		1/4	4,940.29	1/4	4,591.72	1/4	4,230.47	1/4	3,869.23	1/4	3,507.98	1/4	3,146.73	1/4	2,785.48
1/2		1/2		1/2		1/2	4,933.15	1/2	4,584.19	1/2	4,222.94	1/2	3,861.70	1/2	3,500.45	1/2	3,139.20	1/2	2,777.95
3/4		3/4		3/4		3/4	4,926.01	3/4	4,576.67	3/4	4,215.42	3/4	3,854.17	3/4	3,492.92	3/4	3,131.68	3/4	2,770.42
7		7		7		7	4,918.87	7	4,569.14	7	4,207.89	7	3,846.65	7	3,485.40	7	3,124.15	7	2,762.90
1/4		1/4		1/4		1/4	4,911.72	1/4	4,561.62	1/4	4,200.37	1/4	3,839.12	1/4	3,477.87	1/4	3,116.63	1/4	2,755.37
1/2		1/2		1/2		1/2	4,904.58	1/2	4,554.09	1/2	4,192.84	1/2	3,831.59	1/2	3,470.34	1/2	3,109.10	1/2	2,747.85
3/4		3/4		3/4		3/4	4,897.44	3/4	4,546.56	3/4	4,185.32	3/4	3,824.07	3/4	3,462.82	3/4	3,101.57	3/4	2,740.32
8		8		8		8	4,890.30	8	4,539.04	8	4,177.79	8	3,816.54	8	3,455.29	8	3,094.05	8	2,732.79
1/4		1/4		1/4		1/4	4,883.16	1/4	4,531.51	1/4	4,170.27	1/4	3,809.02	1/4	3,447.77	1/4	3,086.52	1/4	2,725.27
1/2		1/2		1/2		1/2	4,876.02	1/2	4,523.98	1/2	4,162.74	1/2	3,801.49	1/2	3,440.24	1/2	3,078.99	1/2	2,717.74
3/4		3/4		3/4		3/4	4,868.88	3/4	4,516.46	3/4	4,155.21	3/4	3,793.96	3/4	3,432.72	3/4	3,071.47	3/4	2,710.21
9		9		9		9	4,861.74	9	4,508.93	9	4,147.69	9	3,786.44	9	3,425.19	9	3,063.94	9	2,702.69
1/4		1/4		1/4		1/4	4,854.59	1/4	4,501.41	1/4	4,140.16	1/4	3,778.91	1/4	3,417.67	1/4	3,056.41	1/4	2,695.16
1/2		1/2		1/2		1/2	4,847.45	1/2	4,493.88	1/2	4,132.63	1/2	3,771.38	1/2	3,410.14	1/2	3,048.89	1/2	2,687.64
3/4		3/4		3/4		3/4	4,840.31	3/4	4,486.36	3/4	4,125.11	3/4	3,763.86	3/4	3,402.61	3/4	3,041.36	3/4	2,680.11
10		10		10		10	4,833.17	10	4,478.83	10	4,117.58	10	3,756.33	10	3,395.09	10	3,033.83	10	2,672.59
1/4		1/4		1/4		1/4	4,826.02	1/4	4,471.31	1/4	4,110.06	1/4	3,748.81	1/4	3,387.56	1/4	3,026.31	1/4	2,665.06
1/2		1/2		1/2		1/2	4,818.88	1/2	4,463.78	1/2	4,102.53	1/2	3,741.28	1/2	3,380.03	1/2	3,018.78	1/2	2,657.54
3/4		3/4		3/4		3/4	4,811.74	3/4	4,456.25	3/4	4,095.00	3/4	3,733.76	3/4	3,372.51	3/4	3,011.25	3/4	2,650.01
11		11		11	5,112.81	11	4,804.60	11	4,448.73	11	4,087.48	11	3,726.23	11	3,364.98	11	3,003.73	11	2,642.48
1/4		1/4		1/4	5,109.89	1/4	4,797.45	1/4	4,441.20	1/4	4,079.95	1/4	3,718.71	1/4	3,357.46	1/4	2,996.20	1/4	2,634.96
1/2		1/2		1/2	5,106.96	1/2	4,790.31	1/2	4,433.67	1/2	4,072.42	1/2	3,711.18	1/2	3,349.93	1/2	2,988.68	1/2	2,627.43
3/4		3/4		3/4	5,102.97	3/4	4,783.17	3/4	4,426.15	3/4	4,064.90	3/4	3,703.65	3/4	3,342.40	3/4	2,981.15	3/4	2,619.90

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 WITH "HERMETIC" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 45'-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 2993"

## 2 PORT 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	2,612.38	0	2,251.13	0	1,889.88	0	1,528.63	0	1,167.39	0	806.14	0	444.89	0	90.75	0		0	
1/4	2,604.85	1/4	2,243.60	1/4	1,882.36	1/4	1,521.11	1/4	1,159.86	1/4	798.61	1/4	437.36	1/4	83.81	1/4		1/4	
1/2	2,597.33	1/2	2,236.08	1/2	1,874.83	1/2	1,513.58	1/2	1,152.34	1/2	791.09	1/2	429.84	1/2	76.88	1/2		1/2	
3/4	2,589.80	3/4	2,228.55	3/4	1,867.30	3/4	1,506.05	3/4	1,144.81	3/4	783.56	3/4	422.31	3/4	69.94	3/4		3/4	
1	2,582.27	1	2,221.03	1	1,859.78	1	1,498.53	1	1,137.28	1	776.03	1	414.79	1	63.01	1		1	
1/4	2,574.75	1/4	2,213.50	1/4	1,852.25	1/4	1,491.00	1/4	1,129.76	1/4	768.51	1/4	407.26	1/4	56.07	1/4		1/4	
1/2	2,567.22	1/2	2,205.98	1/2	1,844.73	1/2	1,483.48	1/2	1,122.23	1/2	760.98	1/2	399.74	1/2	49.14	1/2		1/2	
3/4	2,559.69	3/4	2,198.45	3/4	1,837.20	3/4	1,475.95	3/4	1,114.70	3/4	753.45	3/4	392.21	3/4	43.47	3/4		3/4	
2	2,552.17	2	2,190.92	2	1,829.67	2	1,468.43	2	1,107.18	2	745.93	2	384.68	2	37.81	2		2	
1/4	2,544.64	1/4	2,183.40	1/4	1,822.15	1/4	1,460.90	1/4	1,099.65	1/4	738.40	1/4	377.16	1/4	32.14	1/4		1/4	
1/2	2,537.12	1/2	2,175.87	1/2	1,814.62	1/2	1,453.38	1/2	1,092.13	1/2	730.88	1/2	369.63	1/2	26.48	1/2		1/2	
3/4	2,529.59	3/4	2,168.34	3/4	1,807.09	3/4	1,445.85	3/4	1,084.60	3/4	723.35	3/4	362.10	3/4	22.49	3/4		3/4	
3	2,522.07	3	2,160.82	3	1,799.57	3	1,438.32	3	1,077.07	3	715.83	3	354.58	3	18.51	3		3	
1/4	2,514.54	1/4	2,153.29	1/4	1,792.04	1/4	1,430.80	1/4	1,069.55	1/4	708.30	1/4	347.05	1/4		1/4		1/4	
1/2	2,507.02	1/2	2,145.77	1/2	1,784.52	1/2	1,423.27	1/2	1,062.02	1/2	700.78	1/2	339.53	1/2		1/2		1/2	
3/4	2,499.49	3/4	2,138.24	3/4	1,776.99	3/4	1,415.74	3/4	1,054.49	3/4	693.25	3/4	332.00	3/4		3/4		3/4	
4	2,491.96	4	2,130.71	4	1,769.47	4	1,408.22	4	1,046.97	4	685.72	4	324.47	4	4	4		4	
1/4	2,484.44	1/4	2,123.19	1/4	1,761.94	1/4	1,400.69	1/4	1,039.44	1/4	678.20	1/4	316.95	1/4		1/4		1/4	
1/2	2,476.91	1/2	2,115.66	1/2	1,754.42	1/2	1,393.17	1/2	1,031.92	1/2	670.67	1/2	309.42	1/2		1/2		1/2	
3/4	2,469.38	3/4	2,108.13	3/4	1,746.89	3/4	1,385.64	3/4	1,024.39	3/4	663.14	3/4	301.89	3/4		3/4		3/4	
5	2,461.86	5	2,100.61	5	1,739.36	5	1,378.11	5	1,016.87	5	655.62	5	294.37	5	5	5		5	
1/4	2,454.33	1/4	2,093.08	1/4	1,731.84	1/4	1,370.59	1/4	1,009.34	1/4	648.09	1/4	286.84	1/4		1/4		1/4	
1/2	2,446.81	1/2	2,085.56	1/2	1,724.31	1/2	1,363.06	1/2	1,001.82	1/2	640.57	1/2	279.32	1/2		1/2		1/2	
3/4	2,439.28	3/4	2,078.03	3/4	1,716.78	3/4	1,355.53	3/4	994.29	3/4	633.04	3/4	271.79	3/4		3/4		3/4	
6	2,431.75	6	2,070.51	6	1,709.26	6	1,348.01	6	986.76	6	625.51	6	264.27	6	6	6		6	
1/4	2,424.23	1/4	2,062.98	1/4	1,701.73	1/4	1,340.48	1/4	979.24	1/4	617.99	1/4	256.74	1/4		1/4		1/4	
1/2	2,416.70	1/2	2,055.46	1/2	1,694.21	1/2	1,332.96	1/2	971.71	1/2	610.46	1/2	249.22	1/2		1/2		1/2	
3/4	2,409.17	3/4	2,047.93	3/4	1,686.68	3/4	1,325.43	3/4	964.18	3/4	602.93	3/4	241.69	3/4		3/4		3/4	
7	2,401.65	7	2,040.40	7	1,679.15	7	1,317.91	7	956.66	7	595.41	7	234.16	7	7	7		7	
1/4	2,394.12	1/4	2,032.88	1/4	1,671.63	1/4	1,310.38	1/4	949.13	1/4	587.88	1/4	226.64	1/4		1/4		1/4	
1/2	2,386.60	1/2	2,025.35	1/2	1,664.10	1/2	1,302.86	1/2	941.61	1/2	580.36	1/2	219.11	1/2		1/2		1/2	
3/4	2,379.07	3/4	2,017.82	3/4	1,656.57	3/4	1,295.33	3/4	934.08	3/4	572.83	3/4	211.58	3/4		3/4		3/4	
8	2,371.55	8	2,010.30	8	1,649.05	8	1,287.80	8	926.55	8	565.31	8	204.06	8	8	8		8	
1/4	2,364.02	1/4	2,002.77	1/4	1,641.52	1/4	1,280.28	1/4	919.03	1/4	557.78	1/4	196.53	1/4		1/4		1/4	
1/2	2,356.50	1/2	1,995.25	1/2	1,634.00	1/2	1,272.75	1/2	911.50	1/2	550.26	1/2	189.01	1/2		1/2		1/2	
3/4	2,348.97	3/4	1,987.72	3/4	1,626.47	3/4	1,265.22	3/4	903.97	3/4	542.73	3/4	181.78	3/4		3/4		3/4	
9	2,341.44	9	1,980.19	9	1,618.95	9	1,257.70	9	896.45	9	535.20	9	174.55	9	9	9		9	
1/4	2,333.92	1/4	1,972.67	1/4	1,611.42	1/4	1,250.17	1/4	888.92	1/4	527.68	1/4	167.32	1/4		1/4		1/4	
1/2	2,326.39	1/2	1,965.14	1/2	1,603.90	1/2	1,242.65	1/2	881.40	1/2	520.15	1/2	160.09	1/2		1/2		1/2	
3/4	2,318.86	3/4	1,957.61	3/4	1,596.37	3/4	1,235.12	3/4	873.87	3/4	512.62	3/4	153.15	3/4		3/4		3/4	
10	2,311.34	10	1,950.09	10	1,588.84	10	1,227.59	10	866.35	10	505.10	10	146.22	10	10	10		10	
1/4	2,303.81	1/4	1,942.56	1/4	1,581.32	1/4	1,220.07	1/4	858.82	1/4	497.57	1/4	139.28	1/4		1/4		1/4	
1/2	2,296.29	1/2	1,935.04	1/2	1,573.79	1/2	1,212.54	1/2	851.30	1/2	490.05	1/2	132.35	1/2		1/2		1/2	
3/4	2,288.76	3/4	1,927.51	3/4	1,566.26	3/4	1,205.01	3/4	843.77	3/4	482.52	3/4	125.42	3/4		3/4		3/4	
11	2,281.23	11	1,919.99	11	1,558.74	11	1,197.49	11	836.24	11	474.99	11	118.48	11	11	11		11	
1/4	2,273.71	1/4	1,912.46	1/4	1,551.21	1/4	1,189.96	1/4	828.72	1/4	467.47	1/4	111.55	1/4		1/4		1/4	
1/2	2,266.18	1/2	1,904.94	1/2	1,543.69	1/2	1,182.44	1/2	821.19	1/2	459.94	1/2	104.62	1/2		1/2		1/2	
3/4	2,258.65	3/4	1,897.41	3/4	1,536.16	3/4	1,174.91	3/4	813.66	3/4	452.41	3/4	97.68	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/24/2006 INS  
RECALCULATED: 01/17/2020 SW  
REPRINTED: 01/17/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "EBL 2993"

## 2 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.		
0		0		0		0	5,102.97	0	4,783.17	0	4,426.15	0	4,064.90	0	3,703.65	0	3,342.40	0	2,981.15		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,098.97	1/4	4,776.03	1/4	4,418.62	1/4	4,057.37	1/4	3,696.13	1/4	3,334.88	1/4	2,973.63		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,094.98	1/2	4,768.88	1/2	4,411.10	1/2	4,049.85	1/2	3,688.60	1/2	3,327.35	1/2	2,966.10		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,090.98	3/4	4,761.74	3/4	4,403.57	3/4	4,042.32	3/4	3,681.07	3/4	3,319.82	3/4	2,958.58		
1	1	1	1	1	1	1	5,085.92	1	4,754.60	1	4,396.04	1	4,034.80	1	3,673.55	1	3,312.30	1	2,951.05		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,080.87	1/4	4,747.46	1/4	4,388.52	1/4	4,027.27	1/4	3,666.02	1/4	3,304.77	1/4	2,943.52		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,075.81	1/2	4,740.32	1/2	4,380.99	1/2	4,019.75	1/2	3,658.50	1/2	3,297.25	1/2	2,936.00		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,070.75	3/4	4,733.18	3/4	4,373.46	3/4	4,012.22	3/4	3,650.97	3/4	3,289.72	3/4	2,928.47		
2	2	2	2	2	2	2	5,064.65	2	4,726.04	2	4,365.94	2	4,004.69	2	3,643.44	2	3,282.20	2	2,920.94		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,058.55	1/4	4,718.90	1/4	4,358.41	1/4	3,997.17	1/4	3,635.92	1/4	3,274.67	1/4	2,913.42		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,052.45	1/2	4,711.75	1/2	4,350.89	1/2	3,989.64	1/2	3,628.39	1/2	3,267.15	1/2	2,905.89		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,046.35	3/4	4,704.61	3/4	4,343.36	3/4	3,982.11	3/4	3,620.86	3/4	3,259.62	3/4	2,898.37		
3	3	3	3	3	3	3	5,039.48	3	4,697.08	3	4,335.84	3	3,974.59	3	3,613.34	3	3,252.09	3	2,890.84		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,032.61	1/4	4,689.56	1/4	4,328.31	1/4	3,967.06	1/4	3,605.81	1/4	3,244.57	1/4	2,883.31		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,025.73	1/2	4,682.03	1/2	4,320.79	1/2	3,959.54	1/2	3,598.29	1/2	3,237.04	1/2	2,875.79		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,018.86	3/4	4,674.50	3/4	4,313.26	3/4	3,952.01	3/4	3,590.76	3/4	3,229.51	3/4	2,868.26		
4	4	4	4	4	4	4	5,011.72	4	4,666.98	4	4,305.73	4	3,944.48	4	3,583.24	4	3,221.99	4	2,860.73		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,004.58	1/4	4,659.45	1/4	4,298.21	1/4	3,936.96	1/4	3,575.71	1/4	3,214.46	1/4	2,853.21		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,997.43	1/2	4,651.93	1/2	4,290.68	1/2	3,929.43	1/2	3,568.19	1/2	3,206.94	1/2	2,845.68		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,990.29	3/4	4,644.40	3/4	4,283.15	3/4	3,921.90	3/4	3,560.66	3/4	3,199.41	3/4	2,838.16		
5	5	5	5	5	5	5	4,983.15	5	4,636.88	5	4,275.63	5	3,914.38	5	3,553.13	5	3,191.88	5	2,830.63		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,976.01	1/4	4,629.35	1/4	4,268.10	1/4	3,906.85	1/4	3,545.61	1/4	3,184.36	1/4	2,823.11		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,968.86	1/2	4,621.83	1/2	4,260.58	1/2	3,899.33	1/2	3,538.08	1/2	3,176.83	1/2	2,815.58		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,961.72	3/4	4,614.30	3/4	4,253.05	3/4	3,891.80	3/4	3,530.55	3/4	3,169.30	3/4	2,808.06		
6	6	6	6	6	6	6	4,954.58	6	4,606.77	6	4,245.52	6	3,884.28	6	3,523.03	6	3,161.78	6	2,800.53		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,947.44	1/4	4,599.25	1/4	4,238.00	1/4	3,876.75	1/4	3,515.50	1/4	3,154.25	1/4	2,793.00		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,940.29	1/2	4,591.72	1/2	4,230.47	1/2	3,869.23	1/2	3,507.98	1/2	3,146.73	1/2	2,785.48		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,933.15	3/4	4,584.19	3/4	4,222.94	3/4	3,861.70	3/4	3,500.45	3/4	3,139.20	3/4	2,777.95		
7	7	7	7	7	7	7	4,926.01	7	4,576.67	7	4,215.42	7	3,854.17	7	3,492.92	7	3,131.68	7	2,770.42		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,918.87	1/4	4,569.14	1/4	4,207.89	1/4	3,846.65	1/4	3,485.40	1/4	3,124.15	1/4	2,762.90		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,911.72	1/2	4,561.62	1/2	4,200.37	1/2	3,839.12	1/2	3,477.87	1/2	3,116.63	1/2	2,755.37		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,904.58	3/4	4,554.09	3/4	4,192.84	3/4	3,831.59	3/4	3,470.34	3/4	3,109.10	3/4	2,747.85		
8	8	8	8	8	8	8	4,897.44	8	4,546.56	8	4,185.32	8	3,824.07	8	3,462.82	8	3,101.57	8	2,740.32		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,890.30	1/4	4,539.04	1/4	4,177.79	1/4	3,816.54	1/4	3,455.29	1/4	3,094.05	1/4	2,732.79		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,883.16	1/2	4,531.51	1/2	4,170.27	1/2	3,809.02	1/2	3,447.77	1/2	3,086.52	1/2	2,725.27		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,876.02	3/4	4,523.98	3/4	4,162.74	3/4	3,801.49	3/4	3,440.24	3/4	3,078.99	3/4	2,717.74		
9	9	9	9	9	9	9	4,868.88	9	4,516.46	9	4,155.21	9	3,793.96	9	3,432.72	9	3,071.47	9	2,710.21		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,861.74	1/4	4,508.93	1/4	4,147.69	1/4	3,786.44	1/4	3,425.19	1/4	3,063.94	1/4	2,702.69		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,854.59	1/2	4,501.41	1/2	4,140.16	1/2	3,778.91	1/2	3,417.67	1/2	3,056.41	1/2	2,695.16		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,847.45	3/4	4,493.88	3/4	4,132.63	3/4	3,771.38	3/4	3,410.14	3/4	3,048.89	3/4	2,687.64		
10	10	10	10	10	10	10	4,840.31	10	4,486.36	10	4,125.11	10	3,763.86	10	3,402.61	10	3,041.36	10	2,680.11		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,833.17	1/4	4,478.83	1/4	4,117.58	1/4	3,756.33	1/4	3,395.09	1/4	3,033.83	1/4	2,672.59		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,826.02	1/2	4,471.31	1/2	4,110.06	1/2	3,748.81	1/2	3,387.56	1/2	3,026.31	1/2	2,665.06		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,818.88	3/4	4,463.78	3/4	4,102.53	3/4	3,741.28	3/4	3,380.03	3/4	3,018.78	3/4	2,657.54		
11	11	11	11	11	11	11	4,811.74	11	4,456.25	11	4,095.00	11	3,733.76	11	3,372.51	11	3,011.25	11	2,650.01		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,112.81	1/4	4,804.60	1/4	4,448.73	1/4	4,087.48	1/4	3,726.23	1/4	3,364.98	1/4	3,003.73	1/4	2,642.48
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,109.89	1/2	4,797.45	1/2	4,441.20	1/2	4,079.95	1/2	3,718.71	1/2	3,357.46	1/2	2,996.20	1/2	2,634.96
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,106.96	3/4	4,790.31	3/4	4,433.67	3/4	4,072.42	3/4	3,711.18	3/4	3,349.93	3/4	2,988.68	3/4	2,627.43

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 45'-06" FORWARD OF AFT BULKHEAD.

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 2993"

## 2 STBD

### 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	2,619.90	0	2,258.65	0	1,897.41	0	1,536.16	0	1,174.91	0	813.66	0	452.41	0	97.68	0		0	
1/4	2,612.38	1/4	2,251.13	1/4	1,889.88	1/4	1,528.63	1/4	1,167.39	1/4	806.14	1/4	444.89	1/4	90.75	1/4		1/4	
1/2	2,604.85	1/2	2,243.60	1/2	1,882.36	1/2	1,521.11	1/2	1,159.86	1/2	798.61	1/2	437.36	1/2	83.81	1/2		1/2	
3/4	2,597.33	3/4	2,236.08	3/4	1,874.83	3/4	1,513.58	3/4	1,152.34	3/4	791.09	3/4	429.84	3/4	76.88	3/4		3/4	
1	2,589.80	1	2,228.55	1	1,867.30	1	1,506.05	1	1,144.81	1	783.56	1	422.31	1	69.94	1		1	
1/4	2,582.27	1/4	2,221.03	1/4	1,859.78	1/4	1,498.53	1/4	1,137.28	1/4	776.03	1/4	414.79	1/4	63.01	1/4		1/4	
1/2	2,574.75	1/2	2,213.50	1/2	1,852.25	1/2	1,491.00	1/2	1,129.76	1/2	768.51	1/2	407.26	1/2	56.07	1/2		1/2	
3/4	2,567.22	3/4	2,205.98	3/4	1,844.73	3/4	1,483.48	3/4	1,122.23	3/4	760.98	3/4	399.74	3/4	49.14	3/4		3/4	
2	2,559.69	2	2,198.45	2	1,837.20	2	1,475.95	2	1,114.70	2	753.45	2	392.21	2	43.47	2		2	
1/4	2,552.17	1/4	2,190.92	1/4	1,829.67	1/4	1,468.43	1/4	1,107.18	1/4	745.93	1/4	384.68	1/4	37.81	1/4		1/4	
1/2	2,544.64	1/2	2,183.40	1/2	1,822.15	1/2	1,460.90	1/2	1,099.65	1/2	738.40	1/2	377.16	1/2	32.14	1/2		1/2	
3/4	2,537.12	3/4	2,175.87	3/4	1,814.62	3/4	1,453.38	3/4	1,092.13	3/4	730.88	3/4	369.63	3/4	26.48	3/4		3/4	
3	2,529.59	3	2,168.34	3	1,807.09	3	1,445.85	3	1,084.60	3	723.35	3	362.10	3	22.49	3		3	
1/4	2,522.07	1/4	2,160.82	1/4	1,799.57	1/4	1,438.32	1/4	1,077.07	1/4	715.83	1/4	354.58	1/4	18.51	1/4		1/4	
1/2	2,514.54	1/2	2,153.29	1/2	1,792.04	1/2	1,430.80	1/2	1,069.55	1/2	708.30	1/2	347.05	1/2		1/2		1/2	
3/4	2,507.02	3/4	2,145.77	3/4	1,784.52	3/4	1,423.27	3/4	1,062.02	3/4	700.78	3/4	339.53	3/4		3/4		3/4	
4	2,499.49	4	2,138.24	4	1,776.99	4	1,415.74	4	1,054.49	4	693.25	4	332.00	4	4	4		4	
1/4	2,491.96	1/4	2,130.71	1/4	1,769.47	1/4	1,408.22	1/4	1,046.97	1/4	685.72	1/4	324.47	1/4		1/4		1/4	
1/2	2,484.44	1/2	2,123.19	1/2	1,761.94	1/2	1,400.69	1/2	1,039.44	1/2	678.20	1/2	316.95	1/2		1/2		1/2	
3/4	2,476.91	3/4	2,115.66	3/4	1,754.42	3/4	1,393.17	3/4	1,031.92	3/4	670.67	3/4	309.42	3/4		3/4		3/4	
5	2,469.38	5	2,108.13	5	1,746.89	5	1,385.64	5	1,024.39	5	663.14	5	301.89	5	5	5		5	
1/4	2,461.86	1/4	2,100.61	1/4	1,739.36	1/4	1,378.11	1/4	1,016.87	1/4	655.62	1/4	294.37	1/4		1/4		1/4	
1/2	2,454.33	1/2	2,093.08	1/2	1,731.84	1/2	1,370.59	1/2	1,009.34	1/2	648.09	1/2	286.84	1/2		1/2		1/2	
3/4	2,446.81	3/4	2,085.56	3/4	1,724.31	3/4	1,363.06	3/4	1,001.82	3/4	640.57	3/4	279.32	3/4		3/4		3/4	
6	2,439.28	6	2,078.03	6	1,716.78	6	1,355.53	6	994.29	6	633.04	6	271.79	6	6	6		6	
1/4	2,431.75	1/4	2,070.51	1/4	1,709.26	1/4	1,348.01	1/4	986.76	1/4	625.51	1/4	264.27	1/4		1/4		1/4	
1/2	2,424.23	1/2	2,062.98	1/2	1,701.73	1/2	1,340.48	1/2	979.24	1/2	617.99	1/2	256.74	1/2		1/2		1/2	
3/4	2,416.70	3/4	2,055.46	3/4	1,694.21	3/4	1,332.96	3/4	971.71	3/4	610.46	3/4	249.22	3/4		3/4		3/4	
7	2,409.17	7	2,047.93	7	1,686.68	7	1,325.43	7	964.18	7	602.93	7	241.69	7	7	7		7	
1/4	2,401.65	1/4	2,040.40	1/4	1,679.15	1/4	1,317.91	1/4	956.66	1/4	595.41	1/4	234.16	1/4		1/4		1/4	
1/2	2,394.12	1/2	2,032.88	1/2	1,671.63	1/2	1,310.38	1/2	949.13	1/2	587.88	1/2	226.64	1/2		1/2		1/2	
3/4	2,386.60	3/4	2,025.35	3/4	1,664.10	3/4	1,302.86	3/4	941.61	3/4	580.36	3/4	219.11	3/4		3/4		3/4	
8	2,379.07	8	2,017.82	8	1,656.57	8	1,295.33	8	934.08	8	572.83	8	211.58	8	8	8		8	
1/4	2,371.55	1/4	2,010.30	1/4	1,649.05	1/4	1,287.80	1/4	926.55	1/4	565.31	1/4	204.06	1/4		1/4		1/4	
1/2	2,364.02	1/2	2,002.77	1/2	1,641.52	1/2	1,280.28	1/2	919.03	1/2	557.78	1/2	196.53	1/2		1/2		1/2	
3/4	2,356.50	3/4	1,995.25	3/4	1,634.00	3/4	1,272.75	3/4	911.50	3/4	550.26	3/4	189.01	3/4		3/4		3/4	
9	2,348.97	9	1,987.72	9	1,626.47	9	1,265.22	9	903.97	9	542.73	9	181.78	9	9	9		9	
1/4	2,341.44	1/4	1,980.19	1/4	1,618.95	1/4	1,257.70	1/4	896.45	1/4	535.20	1/4	174.55	1/4		1/4		1/4	
1/2	2,333.92	1/2	1,972.67	1/2	1,611.42	1/2	1,250.17	1/2	888.92	1/2	527.68	1/2	167.32	1/2		1/2		1/2	
3/4	2,326.39	3/4	1,965.14	3/4	1,603.90	3/4	1,242.65	3/4	881.40	3/4	520.15	3/4	160.09	3/4		3/4		3/4	
10	2,318.86	10	1,957.61	10	1,596.37	10	1,235.12	10	873.87	10	512.62	10	153.15	10	10	10		10	
1/4	2,311.34	1/4	1,950.09	1/4	1,588.84	1/4	1,227.59	1/4	866.35	1/4	505.10	1/4	146.22	1/4		1/4		1/4	
1/2	2,303.81	1/2	1,942.56	1/2	1,581.32	1/2	1,220.07	1/2	858.82	1/2	497.57	1/2	139.28	1/2		1/2		1/2	
3/4	2,296.29	3/4	1,935.04	3/4	1,573.79	3/4	1,212.54	3/4	851.30	3/4	490.05	3/4	132.35	3/4		3/4		3/4	
11	2,288.76	11	1,927.51	11	1,566.26	11	1,205.01	11	843.77	11	482.52	11	125.42	11	11	11		11	
1/4	2,281.23	1/4	1,919.99	1/4	1,558.74	1/4	1,197.49	1/4	836.24	1/4	474.99	1/4	118.48	1/4		1/4		1/4	
1/2	2,273.71	1/2	1,912.46	1/2	1,551.21	1/2	1,189.96	1/2	828.72	1/2	467.47	1/2	111.55	1/2		1/2		1/2	
3/4	2,266.18	3/4	1,904.94	3/4	1,543.69	3/4	1,182.44	3/4	821.19	3/4	459.94	3/4	104.62	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/24/2006 INS  
RECALCULATED: 01/17/2020 SW  
REPRINTED: 01/17/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

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





# BARGE "EBL 2993"

## 3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0		0	4,590.34	0	4,356.35	0	4,111.83	0	3,867.32	0	3,622.81	0	3,313.92	0	2,957.47		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,587.41	1/4	4,351.26	1/4	4,106.73	1/4	3,862.23	1/4	3,617.72	1/4	3,306.50	1/4	2,950.05		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,583.70	1/2	4,346.16	1/2	4,101.64	1/2	3,857.13	1/2	3,612.62	1/2	3,299.07	1/2	2,942.62		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,579.99	3/4	4,341.07	3/4	4,096.55	3/4	3,852.04	3/4	3,607.53	3/4	3,291.64	3/4	2,935.20		
1	1	1	1	1	1	1	4,576.28	1	4,335.97	1	4,091.46	1	3,846.95	1	3,602.43	1	3,284.21	1	2,927.77		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,572.57	1/4	4,330.88	1/4	4,086.36	1/4	3,841.86	1/4	3,597.34	1/4	3,276.79	1/4	2,920.35		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,568.07	1/2	4,325.78	1/2	4,081.27	1/2	3,836.76	1/2	3,592.24	1/2	3,269.36	1/2	2,912.92		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,563.58	3/4	4,320.69	3/4	4,076.17	3/4	3,831.67	3/4	3,587.15	3/4	3,261.94	3/4	2,905.49		
2	2	2	2	2	2	2	4,559.09	2	4,315.59	2	4,071.08	2	3,826.57	2	3,582.06	2	3,254.51	2	2,898.06		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,554.60	1/4	4,310.50	1/4	4,065.98	1/4	3,821.48	1/4	3,576.97	1/4	3,247.09	1/4	2,890.64		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,549.61	1/2	4,305.40	1/2	4,060.89	1/2	3,816.38	1/2	3,571.49	1/2	3,239.66	1/2	2,883.21		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,544.62	3/4	4,300.31	3/4	4,055.80	3/4	3,811.29	3/4	3,566.01	3/4	3,232.24	3/4	2,875.79		
3	3	3	3	3	3	3	4,539.63	3	4,295.22	3	4,050.71	3	3,806.19	3	3,560.53	3	3,224.81	3	2,868.36		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,534.64	1/4	4,290.13	1/4	4,045.61	1/4	3,801.10	1/4	3,555.05	1/4	3,217.39	1/4	2,860.94		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,529.54	1/2	4,285.03	1/2	4,040.52	1/2	3,796.00	1/2	3,549.25	1/2	3,209.96	1/2	2,853.51		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,524.45	3/4	4,279.94	3/4	4,035.42	3/4	3,790.91	3/4	3,543.46	3/4	3,202.53	3/4	2,846.08		
4	4	4	4	4	4	4	4,519.35	4	4,274.84	4	4,030.33	4	3,785.82	4	3,537.66	4	3,195.10	4	2,838.65		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,514.26	1/4	4,269.75	1/4	4,025.23	1/4	3,780.73	1/4	3,531.87	1/4	3,187.68	1/4	2,831.23		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,509.16	1/2	4,264.65	1/2	4,020.14	1/2	3,775.63	1/2	3,525.73	1/2	3,180.25	1/2	2,823.80		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,504.07	3/4	4,259.56	3/4	4,015.04	3/4	3,770.54	3/4	3,519.59	3/4	3,172.83	3/4	2,816.38		
5	5	5	5	5	5	5	4,498.98	5	4,254.47	5	4,009.95	5	3,765.44	5	3,513.45	5	3,165.40	5	2,808.95		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,493.89	1/4	4,249.38	1/4	4,004.86	1/4	3,760.35	1/4	3,507.31	1/4	3,157.98	1/4	2,801.53		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,488.79	1/2	4,244.28	1/2	3,999.76	1/2	3,755.25	1/2	3,500.82	1/2	3,150.55	1/2	2,794.10		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,483.70	3/4	4,239.19	3/4	3,994.67	3/4	3,750.16	3/4	3,494.34	3/4	3,143.12	3/4	2,786.68		
6	6	6	6	6	6	6	4,478.60	6	4,234.09	6	3,989.58	6	3,745.07	6	3,487.85	6	3,135.69	6	2,779.25		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,473.51	1/4	4,229.00	1/4	3,984.48	1/4	3,739.98	1/4	3,481.37	1/4	3,128.27	1/4	2,771.83		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,468.41	1/2	4,223.90	1/2	3,979.39	1/2	3,734.88	1/2	3,474.54	1/2	3,120.84	1/2	2,764.40		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,463.32	3/4	4,218.80	3/4	3,974.29	3/4	3,729.79	3/4	3,467.71	3/4	3,113.42	3/4	2,756.97		
7	7	7	7	7	7	7	4,458.23	7	4,213.71	7	3,969.20	7	3,724.69	7	3,460.88	7	3,105.99	7	2,749.54		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,453.14	1/4	4,208.61	1/4	3,964.11	1/4	3,719.60	1/4	3,454.05	1/4	3,098.57	1/4	2,742.12		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,448.04	1/2	4,203.52	1/2	3,959.01	1/2	3,714.50	1/2	3,446.87	1/2	3,091.14	1/2	2,734.69		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,442.95	3/4	4,198.43	3/4	3,953.92	3/4	3,709.41	3/4	3,439.69	3/4	3,083.72	3/4	2,727.27		
8	8	8	8	8	8	8	4,437.85	8	4,193.34	8	3,948.83	8	3,704.31	8	3,432.51	8	3,076.29	8	2,719.84		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,432.76	1/4	4,188.25	1/4	3,943.73	1/4	3,699.22	1/4	3,425.34	1/4	3,068.87	1/4	2,712.42		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,427.66	1/2	4,183.15	1/2	3,938.64	1/2	3,694.12	1/2	3,417.90	1/2	3,061.44	1/2	2,704.99		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,422.57	3/4	4,178.05	3/4	3,933.54	3/4	3,689.03	3/4	3,410.47	3/4	3,054.01	3/4	2,697.56		
9	9	9	9	9	9	9	4,417.47	9	4,172.96	9	3,928.45	9	3,683.94	9	3,403.04	9	3,046.58	9	2,690.13		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,412.38	1/4	4,167.86	1/4	3,923.36	1/4	3,678.85	1/4	3,395.61	1/4	3,039.16	1/4	2,682.71		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,407.28	1/2	4,162.77	1/2	3,918.26	1/2	3,673.75	1/2	3,388.18	1/2	3,031.73	1/2	2,675.28		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,402.19	3/4	4,157.68	3/4	3,913.17	3/4	3,668.66	3/4	3,380.76	3/4	3,024.31	3/4	2,667.86		
10	10	10	10	10	10	10	4,397.10	10	4,152.59	10	3,908.07	10	3,663.56	10	3,373.33	10	3,016.88	10	2,660.43		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,392.01	1/4	4,147.50	1/4	3,902.98	1/4	3,658.47	1/4	3,365.91	1/4	3,009.46	1/4	2,653.01		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,386.91	1/2	4,142.40	1/2	3,897.88	1/2	3,653.37	1/2	3,358.48	1/2	3,002.03	1/2	2,645.58		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,603.42	3/4	4,381.82	3/4	4,137.30	3/4	3,892.79	3/4	3,648.28	3/4	3,351.05	3/4	2,994.60		
11	11	11	11	11	11	11	4,601.27	11	4,376.72	11	4,132.21	11	3,887.70	11	3,643.19	11	3,343.62	11	2,987.17	11	2,630.73
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,599.13	1/4	4,371.63	1/4	4,127.11	1/4	3,882.61	1/4	3,638.10	1/4	3,336.20	1/4	2,979.75	1/4	2,623.31
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,596.20	1/2	4,366.53	1/2	4,122.02	1/2	3,877.51	1/2	3,633.00	1/2	3,328.77	1/2	2,972.32	1/2	2,615.88
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,593.27	3/4	4,361.44	3/4	4,116.92	3/4	3,872.42	3/4	3,627.91	3/4	3,321.35	3/4	2,964.90	3/4	2,608.45

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 45'-06" FORWARD OF AFT BULKHEAD.

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 2993"

## 3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,601.02	0	2,244.57	0	1,888.13	0	1,531.68	0	1,175.23	0	814.72	0	450.62	0	89.04	0		0	
1/4	2,593.60	1/4	2,237.15	1/4	1,880.71	1/4	1,524.26	1/4	1,167.81	1/4	807.15	1/4	443.02	1/4	81.68	1/4		1/4	
1/2	2,586.17	1/2	2,229.72	1/2	1,873.28	1/2	1,516.83	1/2	1,160.38	1/2	799.59	1/2	435.43	1/2	74.33	1/2		1/2	
3/4	2,578.75	3/4	2,222.30	3/4	1,865.85	3/4	1,509.40	3/4	1,152.96	3/4	792.02	3/4	427.83	3/4	66.97	3/4		3/4	
1	2,571.32	1	2,214.87	1	1,858.42	1	1,501.97	1	1,145.53	1	784.46	1	420.23	1	59.61	1		1	
1/4	2,563.90	1/4	2,207.45	1/4	1,851.00	1/4	1,494.55	1/4	1,138.11	1/4	776.89	1/4	412.63	1/4	52.25	1/4		1/4	
1/2	2,556.47	1/2	2,200.02	1/2	1,843.57	1/2	1,487.12	1/2	1,130.68	1/2	769.33	1/2	405.04	1/2	46.25	1/2		1/2	
3/4	2,549.04	3/4	2,192.59	3/4	1,836.15	3/4	1,479.70	3/4	1,123.25	3/4	761.76	3/4	397.44	3/4	40.25	3/4		3/4	
2	2,541.61	2	2,185.17	2	1,828.72	2	1,472.27	2	1,115.82	2	754.19	2	389.84	2	34.25	2		2	
1/4	2,534.19	1/4	2,177.74	1/4	1,821.30	1/4	1,464.85	1/4	1,108.40	1/4	746.62	1/4	382.24	1/4	28.25	1/4		1/4	
1/2	2,526.76	1/2	2,170.32	1/2	1,813.87	1/2	1,457.42	1/2	1,100.97	1/2	739.06	1/2	374.65	1/2	24.00	1/2		1/2	
3/4	2,519.34	3/4	2,162.89	3/4	1,806.44	3/4	1,450.00	3/4	1,093.55	3/4	731.49	3/4	367.05	3/4	19.74	3/4		3/4	
3	2,511.91	3	2,155.46	3	1,799.01	3	1,442.57	3	1,086.12	3	723.93	3	359.45	3		3		3	
1/4	2,504.49	1/4	2,148.04	1/4	1,791.59	1/4	1,435.15	1/4	1,078.70	1/4	716.36	1/4	351.85	1/4		1/4		1/4	
1/2	2,497.06	1/2	2,140.61	1/2	1,784.16	1/2	1,427.72	1/2	1,071.27	1/2	708.80	1/2	344.26	1/2		1/2		1/2	
3/4	2,489.64	3/4	2,133.19	3/4	1,776.74	3/4	1,420.29	3/4	1,063.84	3/4	701.23	3/4	336.66	3/4		3/4		3/4	
4	2,482.21	4	2,125.76	4	1,769.31	4	1,412.86	4	1,056.41	4	693.67	4	329.06	4		4		4	
1/4	2,474.79	1/4	2,118.33	1/4	1,761.89	1/4	1,405.44	1/4	1,048.99	1/4	686.10	1/4	321.46	1/4		1/4		1/4	
1/2	2,467.36	1/2	2,110.91	1/2	1,754.46	1/2	1,398.01	1/2	1,041.49	1/2	678.52	1/2	313.86	1/2		1/2		1/2	
3/4	2,459.93	3/4	2,103.48	3/4	1,747.04	3/4	1,390.59	3/4	1,034.00	3/4	670.94	3/4	306.26	3/4		3/4		3/4	
5	2,452.50	5	2,096.05	5	1,739.61	5	1,383.16	5	1,026.50	5	663.36	5	298.66	5		5		5	
1/4	2,445.08	1/4	2,088.63	1/4	1,732.19	1/4	1,375.74	1/4	1,019.01	1/4	655.77	1/4	291.06	1/4		1/4		1/4	
1/2	2,437.65	1/2	2,081.20	1/2	1,724.76	1/2	1,368.31	1/2	1,011.44	1/2	648.18	1/2	283.47	1/2		1/2		1/2	
3/4	2,430.23	3/4	2,073.78	3/4	1,717.33	3/4	1,360.88	3/4	1,003.88	3/4	640.58	3/4	275.87	3/4		3/4		3/4	
6	2,422.80	6	2,066.35	6	1,709.90	6	1,353.45	6	996.31	6	632.98	6	268.27	6		6		6	
1/4	2,415.38	1/4	2,058.92	1/4	1,702.48	1/4	1,346.03	1/4	988.74	1/4	625.38	1/4	260.67	1/4		1/4		1/4	
1/2	2,407.95	1/2	2,051.50	1/2	1,695.05	1/2	1,338.60	1/2	981.18	1/2	617.78	1/2	253.08	1/2		1/2		1/2	
3/4	2,400.52	3/4	2,044.07	3/4	1,687.63	3/4	1,331.18	3/4	973.61	3/4	610.18	3/4	245.48	3/4		3/4		3/4	
7	2,393.09	7	2,036.65	7	1,680.20	7	1,323.75	7	966.04	7	602.58	7	237.88	7		7		7	
1/4	2,385.67	1/4	2,029.22	1/4	1,672.78	1/4	1,316.33	1/4	958.47	1/4	594.98	1/4	230.28	1/4		1/4		1/4	
1/2	2,378.24	1/2	2,021.80	1/2	1,665.35	1/2	1,308.90	1/2	950.91	1/2	587.39	1/2	222.69	1/2		1/2		1/2	
3/4	2,370.82	3/4	2,014.37	3/4	1,657.92	3/4	1,301.48	3/4	943.34	3/4	579.79	3/4	215.09	3/4		3/4		3/4	
8	2,363.39	8	2,006.94	8	1,650.49	8	1,294.05	8	935.78	8	572.19	8	207.49	8		8		8	
1/4	2,355.97	1/4	1,999.51	1/4	1,643.07	1/4	1,286.63	1/4	928.21	1/4	564.59	1/4	199.89	1/4		1/4		1/4	
1/2	2,348.54	1/2	1,992.09	1/2	1,635.64	1/2	1,279.20	1/2	920.65	1/2	557.00	1/2	192.42	1/2		1/2		1/2	
3/4	2,341.12	3/4	1,984.66	3/4	1,628.22	3/4	1,271.77	3/4	913.08	3/4	549.40	3/4	184.94	3/4		3/4		3/4	
9	2,333.69	9	1,977.24	9	1,620.79	9	1,264.34	9	905.51	9	541.80	9	177.46	9		9		9	
1/4	2,326.26	1/4	1,969.81	1/4	1,613.37	1/4	1,256.92	1/4	897.94	1/4	534.20	1/4	169.98	1/4		1/4		1/4	
1/2	2,318.84	1/2	1,962.39	1/2	1,605.94	1/2	1,249.49	1/2	890.38	1/2	526.61	1/2	162.62	1/2		1/2		1/2	
3/4	2,311.41	3/4	1,954.96	3/4	1,598.52	3/4	1,242.07	3/4	882.81	3/4	519.01	3/4	155.26	3/4		3/4		3/4	
10	2,303.98	10	1,947.53	10	1,591.09	10	1,234.64	10	875.25	10	511.41	10	147.90	10		10		10	
1/4	2,296.56	1/4	1,940.10	1/4	1,583.67	1/4	1,227.22	1/4	867.68	1/4	503.81	1/4	140.54	1/4		1/4		1/4	
1/2	2,289.13	1/2	1,932.68	1/2	1,576.24	1/2	1,219.79	1/2	860.12	1/2	496.22	1/2	133.19	1/2		1/2		1/2	
3/4	2,281.71	3/4	1,925.25	3/4	1,568.81	3/4	1,212.36	3/4	852.55	3/4	488.62	3/4	125.83	3/4		3/4		3/4	
11	2,274.28	11	1,917.83	11	1,561.38	11	1,204.93	11	844.99	11	481.02	11	118.47	11		11		11	
1/4	2,266.86	1/4	1,910.41	1/4	1,553.96	1/4	1,197.51	1/4	837.42	1/4	473.42	1/4	111.11	1/4		1/4		1/4	
1/2	2,259.43	1/2	1,902.98	1/2	1,546.53	1/2	1,190.08	1/2	829.86	1/2	465.82	1/2	103.76	1/2		1/2		1/2	
3/4	2,252.00	3/4	1,895.56	3/4	1,539.11	3/4	1,182.66	3/4	822.29	3/4	458.22	3/4	96.40	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/24/2006 INS  
RECALCULATED: 01/17/2020 SW  
REPRINTED: 01/17/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

PRECISION MEASUREMENT  
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# BARGE "EBL 2993"

## 3 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,596.20	0	4,366.53	0	4,122.02	0	3,877.51	0	3,633.00	0	3,328.77	0	2,972.32
1/4		1/4		1/4		1/4	4,593.27	1/4	4,361.44	1/4	4,116.92	1/4	3,872.42	1/4	3,627.91	1/4	3,321.35	1/4	2,964.90
1/2		1/2		1/2		1/2	4,590.34	1/2	4,356.35	1/2	4,111.83	1/2	3,867.32	1/2	3,622.81	1/2	3,313.92	1/2	2,957.47
3/4		3/4		3/4		3/4	4,587.41	3/4	4,351.26	3/4	4,106.73	3/4	3,862.23	3/4	3,617.72	3/4	3,306.50	3/4	2,950.05
1		1		1		1	4,583.70	1	4,346.16	1	4,101.64	1	3,857.13	1	3,612.62	1	3,299.07	1	2,942.62
1/4		1/4		1/4		1/4	4,579.99	1/4	4,341.07	1/4	4,096.55	1/4	3,852.04	1/4	3,607.53	1/4	3,291.64	1/4	2,935.20
1/2		1/2		1/2		1/2	4,576.28	1/2	4,335.97	1/2	4,091.46	1/2	3,846.95	1/2	3,602.43	1/2	3,284.21	1/2	2,927.77
3/4		3/4		3/4		3/4	4,572.57	3/4	4,330.88	3/4	4,086.36	3/4	3,841.86	3/4	3,597.34	3/4	3,276.79	3/4	2,920.35
2		2		2		2	4,568.07	2	4,325.78	2	4,081.27	2	3,836.76	2	3,592.24	2	3,269.36	2	2,912.92
1/4		1/4		1/4		1/4	4,563.58	1/4	4,320.69	1/4	4,076.17	1/4	3,831.67	1/4	3,587.15	1/4	3,261.94	1/4	2,905.49
1/2		1/2		1/2		1/2	4,559.09	1/2	4,315.59	1/2	4,071.08	1/2	3,826.57	1/2	3,582.06	1/2	3,254.51	1/2	2,898.06
3/4		3/4		3/4		3/4	4,554.60	3/4	4,310.50	3/4	4,065.98	3/4	3,821.48	3/4	3,576.97	3/4	3,247.09	3/4	2,890.64
3		3		3		3	4,549.61	3	4,305.40	3	4,060.89	3	3,816.38	3	3,571.49	3	3,239.66	3	2,883.21
1/4		1/4		1/4		1/4	4,544.62	1/4	4,300.31	1/4	4,055.80	1/4	3,811.29	1/4	3,566.01	1/4	3,232.24	1/4	2,875.79
1/2		1/2		1/2		1/2	4,539.63	1/2	4,295.22	1/2	4,050.71	1/2	3,806.19	1/2	3,560.53	1/2	3,224.81	1/2	2,868.36
3/4		3/4		3/4		3/4	4,534.64	3/4	4,290.13	3/4	4,045.61	3/4	3,801.10	3/4	3,555.05	3/4	3,217.39	3/4	2,860.94
4		4		4		4	4,529.54	4	4,285.03	4	4,040.52	4	3,796.00	4	3,549.25	4	3,209.96	4	2,853.51
1/4		1/4		1/4		1/4	4,524.45	1/4	4,279.94	1/4	4,035.42	1/4	3,790.91	1/4	3,543.46	1/4	3,202.53	1/4	2,846.08
1/2		1/2		1/2		1/2	4,519.35	1/2	4,274.84	1/2	4,030.33	1/2	3,785.82	1/2	3,537.66	1/2	3,195.10	1/2	2,838.65
3/4		3/4		3/4		3/4	4,514.26	3/4	4,269.75	3/4	4,025.23	3/4	3,780.73	3/4	3,531.87	3/4	3,187.68	3/4	2,831.23
5		5		5		5	4,509.16	5	4,264.65	5	4,020.14	5	3,775.63	5	3,525.73	5	3,180.25	5	2,823.80
1/4		1/4		1/4		1/4	4,504.07	1/4	4,259.56	1/4	4,015.04	1/4	3,770.54	1/4	3,519.59	1/4	3,172.83	1/4	2,816.38
1/2		1/2		1/2		1/2	4,498.98	1/2	4,254.47	1/2	4,009.95	1/2	3,765.44	1/2	3,513.45	1/2	3,165.40	1/2	2,808.95
3/4		3/4		3/4		3/4	4,493.89	3/4	4,249.38	3/4	4,004.86	3/4	3,760.35	3/4	3,507.31	3/4	3,157.98	3/4	2,801.53
6		6		6		6	4,488.79	6	4,244.28	6	3,999.76	6	3,755.25	6	3,500.82	6	3,150.55	6	2,794.10
1/4		1/4		1/4		1/4	4,483.70	1/4	4,239.19	1/4	3,994.67	1/4	3,750.16	1/4	3,494.34	1/4	3,143.12	1/4	2,786.68
1/2		1/2		1/2		1/2	4,478.60	1/2	4,234.09	1/2	3,989.58	1/2	3,745.07	1/2	3,487.85	1/2	3,135.69	1/2	2,779.25
3/4		3/4		3/4		3/4	4,473.51	3/4	4,229.00	3/4	3,984.48	3/4	3,739.98	3/4	3,481.37	3/4	3,128.27	3/4	2,771.83
7		7		7		7	4,468.41	7	4,223.90	7	3,979.39	7	3,734.88	7	3,474.54	7	3,120.84	7	2,764.40
1/4		1/4		1/4		1/4	4,463.32	1/4	4,218.80	1/4	3,974.29	1/4	3,729.79	1/4	3,467.71	1/4	3,113.42	1/4	2,756.97
1/2		1/2		1/2		1/2	4,458.23	1/2	4,213.71	1/2	3,969.20	1/2	3,724.69	1/2	3,460.88	1/2	3,105.99	1/2	2,749.54
3/4		3/4		3/4		3/4	4,453.14	3/4	4,208.61	3/4	3,964.11	3/4	3,719.60	3/4	3,454.05	3/4	3,098.57	3/4	2,742.12
8		8		8		8	4,448.04	8	4,203.52	8	3,959.01	8	3,714.50	8	3,446.87	8	3,091.14	8	2,734.69
1/4		1/4		1/4		1/4	4,442.95	1/4	4,198.43	1/4	3,953.92	1/4	3,709.41	1/4	3,439.69	1/4	3,083.72	1/4	2,727.27
1/2		1/2		1/2		1/2	4,437.85	1/2	4,193.34	1/2	3,948.83	1/2	3,704.31	1/2	3,432.51	1/2	3,076.29	1/2	2,719.84
3/4		3/4		3/4		3/4	4,432.76	3/4	4,188.25	3/4	3,943.73	3/4	3,699.22	3/4	3,425.34	3/4	3,068.87	3/4	2,712.42
9		9		9		9	4,427.66	9	4,183.15	9	3,938.64	9	3,694.12	9	3,417.90	9	3,061.44	9	2,704.99
1/4		1/4		1/4		1/4	4,422.57	1/4	4,178.05	1/4	3,933.54	1/4	3,689.03	1/4	3,410.47	1/4	3,054.01	1/4	2,697.56
1/2		1/2		1/2		1/2	4,417.47	1/2	4,172.96	1/2	3,928.45	1/2	3,683.94	1/2	3,403.04	1/2	3,046.58	1/2	2,690.13
3/4		3/4		3/4		3/4	4,412.38	3/4	4,167.86	3/4	3,923.36	3/4	3,678.85	3/4	3,395.61	3/4	3,039.16	3/4	2,682.71
10		10		10		10	4,407.28	10	4,162.77	10	3,918.26	10	3,673.75	10	3,388.18	10	3,031.73	10	2,675.28
1/4		1/4		1/4		1/4	4,402.19	1/4	4,157.68	1/4	3,913.17	1/4	3,668.66	1/4	3,380.76	1/4	3,024.31	1/4	2,667.86
1/2		1/2		1/2		1/2	4,397.10	1/2	4,152.59	1/2	3,908.07	1/2	3,663.56	1/2	3,373.33	1/2	3,016.88	1/2	2,660.43
3/4		3/4		3/4		3/4	4,392.01	3/4	4,147.50	3/4	3,902.98	3/4	3,658.47	3/4	3,365.91	3/4	3,009.46	3/4	2,653.01
11		11		11		11	4,386.91	11	4,142.40	11	3,897.88	11	3,653.37	11	3,358.48	11	3,002.03	11	2,645.58
1/4		1/4		1/4	4,603.42	1/4	4,381.82	1/4	4,137.30	1/4	3,892.79	1/4	3,648.28	1/4	3,351.05	1/4	3,004.60	1/4	2,638.16
1/2		1/2		1/2	4,601.27	1/2	4,376.72	1/2	4,132.21	1/2	3,887.70	1/2	3,643.19	1/2	3,343.62	1/2	2,987.17	1/2	2,630.73
3/4		3/4		3/4	4,599.13	3/4	4,371.63	3/4	4,127.11	3/4	3,882.61	3/4	3,638.10	3/4	3,336.20	3/4	2,979.75	3/4	2,623.31

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 45'-06" FORWARD OF AFT BULKHEAD.

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



# BARGE "EBL 2993"

3 STBD

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	2,615.88	0	2,259.43	0	1,902.98	0	1,546.53	0	1,190.08	0	829.86	0	465.82	0	103.76	0		0	
1/4	2,608.45	1/4	2,252.00	1/4	1,895.56	1/4	1,539.11	1/4	1,182.66	1/4	822.29	1/4	458.22	1/4	96.40	1/4		1/4	
1/2	2,601.02	1/2	2,244.57	1/2	1,888.13	1/2	1,531.68	1/2	1,175.23	1/2	814.72	1/2	450.62	1/2	89.04	1/2		1/2	
3/4	2,593.60	3/4	2,237.15	3/4	1,880.71	3/4	1,524.26	3/4	1,167.81	3/4	807.15	3/4	443.02	3/4	81.68	3/4		3/4	
1	2,586.17	1	2,229.72	1	1,873.28	1	1,516.83	1	1,160.38	1	799.59	1	435.43	1	74.33	1		1	
1/4	2,578.75	1/4	2,222.30	1/4	1,865.85	1/4	1,509.40	1/4	1,152.96	1/4	792.02	1/4	427.83	1/4	66.97	1/4		1/4	
1/2	2,571.32	1/2	2,214.87	1/2	1,858.42	1/2	1,501.97	1/2	1,145.53	1/2	784.46	1/2	420.23	1/2	59.61	1/2		1/2	
3/4	2,563.90	3/4	2,207.45	3/4	1,851.00	3/4	1,494.55	3/4	1,138.11	3/4	776.89	3/4	412.63	3/4	52.25	3/4		3/4	
2	2,556.47	2	2,200.02	2	1,843.57	2	1,487.12	2	1,130.68	2	769.33	2	405.04	2	46.25	2		2	
1/4	2,549.04	1/4	2,192.59	1/4	1,836.15	1/4	1,479.70	1/4	1,123.25	1/4	761.76	1/4	397.44	1/4	40.25	1/4		1/4	
1/2	2,541.61	1/2	2,185.17	1/2	1,828.72	1/2	1,472.27	1/2	1,115.82	1/2	754.19	1/2	389.84	1/2	34.25	1/2		1/2	
3/4	2,534.19	3/4	2,177.74	3/4	1,821.30	3/4	1,464.85	3/4	1,108.40	3/4	746.62	3/4	382.24	3/4	28.25	3/4		3/4	
3	2,526.76	3	2,170.32	3	1,813.87	3	1,457.42	3	1,100.97	3	739.06	3	374.65	3	24.00	3		3	
1/4	2,519.34	1/4	2,162.89	1/4	1,806.44	1/4	1,450.00	1/4	1,093.55	1/4	731.49	1/4	367.05	1/4	19.74	1/4		1/4	
1/2	2,511.91	1/2	2,155.46	1/2	1,799.01	1/2	1,442.57	1/2	1,086.12	1/2	723.93	1/2	359.45	1/2		1/2		1/2	
3/4	2,504.49	3/4	2,148.04	3/4	1,791.59	3/4	1,435.15	3/4	1,078.70	3/4	716.36	3/4	351.85	3/4		3/4		3/4	
4	2,497.06	4	2,140.61	4	1,784.16	4	1,427.72	4	1,071.27	4	708.80	4	344.26	4	4	4		4	
1/4	2,489.64	1/4	2,133.19	1/4	1,776.74	1/4	1,420.29	1/4	1,063.84	1/4	701.23	1/4	336.66	1/4		1/4		1/4	
1/2	2,482.21	1/2	2,125.76	1/2	1,769.31	1/2	1,412.86	1/2	1,056.41	1/2	693.67	1/2	329.06	1/2		1/2		1/2	
3/4	2,474.79	3/4	2,118.33	3/4	1,761.89	3/4	1,405.44	3/4	1,048.99	3/4	686.10	3/4	321.46	3/4		3/4		3/4	
5	2,467.36	5	2,110.91	5	1,754.46	5	1,398.01	5	1,041.49	5	678.52	5	313.86	5	5	5		5	
1/4	2,459.93	1/4	2,103.48	1/4	1,747.04	1/4	1,390.59	1/4	1,034.00	1/4	670.94	1/4	306.26	1/4		1/4		1/4	
1/2	2,452.50	1/2	2,096.05	1/2	1,739.61	1/2	1,383.16	1/2	1,026.50	1/2	663.36	1/2	298.66	1/2		1/2		1/2	
3/4	2,445.08	3/4	2,088.63	3/4	1,732.19	3/4	1,375.74	3/4	1,019.01	3/4	655.77	3/4	291.06	3/4		3/4		3/4	
6	2,437.65	6	2,081.20	6	1,724.76	6	1,368.31	6	1,011.44	6	648.18	6	283.47	6	6	6		6	
1/4	2,430.23	1/4	2,073.78	1/4	1,717.33	1/4	1,360.88	1/4	1,003.88	1/4	640.58	1/4	275.87	1/4		1/4		1/4	
1/2	2,422.80	1/2	2,066.35	1/2	1,709.90	1/2	1,353.45	1/2	996.31	1/2	632.98	1/2	268.27	1/2		1/2		1/2	
3/4	2,415.38	3/4	2,058.92	3/4	1,702.48	3/4	1,346.03	3/4	988.74	3/4	625.38	3/4	260.67	3/4		3/4		3/4	
7	2,407.95	7	2,051.50	7	1,695.05	7	1,338.60	7	981.18	7	617.78	7	253.08	7	7	7		7	
1/4	2,400.52	1/4	2,044.07	1/4	1,687.63	1/4	1,331.18	1/4	973.61	1/4	610.18	1/4	245.48	1/4		1/4		1/4	
1/2	2,393.09	1/2	2,036.65	1/2	1,680.20	1/2	1,323.75	1/2	966.04	1/2	602.58	1/2	237.88	1/2		1/2		1/2	
3/4	2,385.67	3/4	2,029.22	3/4	1,672.78	3/4	1,316.33	3/4	958.47	3/4	594.98	3/4	230.28	3/4		3/4		3/4	
8	2,378.24	8	2,021.80	8	1,665.35	8	1,308.90	8	950.91	8	587.39	8	222.69	8	8	8		8	
1/4	2,370.82	1/4	2,014.37	1/4	1,657.92	1/4	1,301.48	1/4	943.34	1/4	579.79	1/4	215.09	1/4		1/4		1/4	
1/2	2,363.39	1/2	2,006.94	1/2	1,650.49	1/2	1,294.05	1/2	935.78	1/2	572.19	1/2	207.49	1/2		1/2		1/2	
3/4	2,355.97	3/4	1,999.51	3/4	1,643.07	3/4	1,286.63	3/4	928.21	3/4	564.59	3/4	199.89	3/4		3/4		3/4	
9	2,348.54	9	1,992.09	9	1,635.64	9	1,279.20	9	920.65	9	557.00	9	192.42	9	9	9		9	
1/4	2,341.12	1/4	1,984.66	1/4	1,628.22	1/4	1,271.77	1/4	913.08	1/4	549.40	1/4	184.94	1/4		1/4		1/4	
1/2	2,333.69	1/2	1,977.24	1/2	1,620.79	1/2	1,264.34	1/2	905.51	1/2	541.80	1/2	177.46	1/2		1/2		1/2	
3/4	2,326.26	3/4	1,969.81	3/4	1,613.37	3/4	1,256.92	3/4	897.94	3/4	534.20	3/4	169.98	3/4		3/4		3/4	
10	2,318.84	10	1,962.39	10	1,605.94	10	1,249.49	10	890.38	10	526.61	10	162.62	10	10	10		10	
1/4	2,311.41	1/4	1,954.96	1/4	1,598.52	1/4	1,242.07	1/4	882.81	1/4	519.01	1/4	155.26	1/4		1/4		1/4	
1/2	2,303.98	1/2	1,947.53	1/2	1,591.09	1/2	1,234.64	1/2	875.25	1/2	511.41	1/2	147.90	1/2		1/2		1/2	
3/4	2,296.56	3/4	1,940.10	3/4	1,583.67	3/4	1,227.22	3/4	867.68	3/4	503.81	3/4	140.54	3/4		3/4		3/4	
11	2,289.13	11	1,932.68	11	1,576.24	11	1,219.79	11	860.12	11	496.22	11	133.19	11	11	11		11	
1/4	2,281.71	1/4	1,925.25	1/4	1,568.81	1/4	1,212.36	1/4	852.55	1/4	488.62	1/4	125.83	1/4		1/4		1/4	
1/2	2,274.28	1/2	1,917.83	1/2	1,561.38	1/2	1,204.93	1/2	844.99	1/2	481.02	1/2	118.47	1/2		1/2		1/2	
3/4	2,266.86	3/4	1,910.41	3/4	1,553.96	3/4	1,197.51	3/4	837.42	3/4	473.42	3/4	111.11	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/24/2006 INS  
RECALCULATED: 01/17/2020 SW  
REPRINTED: 01/17/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

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



# BARGE "EBL 2993"

# SLOP TANK PORT

## INNAGE TABLE GAUGE HEIGHT: 5'-00 3/4"

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	400	0	799	0	1,199	0	1,598	0		0		0		0		0	
1/4	8	1/4	408	1/4	808	1/4	1,207	1/4	1,607	1/4		1/4		1/4		1/4		1/4	
1/2	17	1/2	416	1/2	816	1/2	1,215	1/2	1,615	1/2		1/2		1/2		1/2		1/2	
3/4	25	3/4	425	3/4	824	3/4	1,224	3/4	1,623	3/4		3/4		3/4		3/4		3/4	
1	33	1	433	1	833	1	1,232	1	1,632	1		1		1		1		1	
1/4	42	1/4	441	1/4	841	1/4	1,240	1/4	1,640	1/4		1/4		1/4		1/4		1/4	
1/2	50	1/2	450	1/2	849	1/2	1,249	1/2	1,648	1/2		1/2		1/2		1/2		1/2	
3/4	58	3/4	458	3/4	857	3/4	1,257	3/4	1,657	3/4		3/4		3/4		3/4		3/4	
2	67	2	466	2	866	2	1,265	2	1,665	2		2		2		2		2	
1/4	75	1/4	475	1/4	874	1/4	1,274	1/4	1,673	1/4		1/4		1/4		1/4		1/4	
1/2	83	1/2	483	1/2	882	1/2	1,282	1/2	1,682	1/2		1/2		1/2		1/2		1/2	
3/4	92	3/4	491	3/4	891	3/4	1,290	3/4	1,690	3/4		3/4		3/4		3/4		3/4	
3	100	3	500	3	899	3	1,299	3	1,698	3		3		3		3		3	
1/4	108	1/4	508	1/4	907	1/4	1,307	1/4	1,707	1/4		1/4		1/4		1/4		1/4	
1/2	117	1/2	516	1/2	916	1/2	1,315	1/2	1,715	1/2		1/2		1/2		1/2		1/2	
3/4	125	3/4	524	3/4	924	3/4	1,324	3/4	1,723	3/4		3/4		3/4		3/4		3/4	
4	133	4	533	4	932	4	1,332	4	1,732	4		4		4		4		4	
1/4	142	1/4	541	1/4	941	1/4	1,340	1/4	1,740	1/4		1/4		1/4		1/4		1/4	
1/2	150	1/2	549	1/2	949	1/2	1,349	1/2	1,748	1/2		1/2		1/2		1/2		1/2	
3/4	158	3/4	558	3/4	957	3/4	1,357	3/4	1,757	3/4		3/4		3/4		3/4		3/4	
5	167	5	566	5	966	5	1,365	5	1,765	5		5		5		5		5	
1/4	175	1/4	574	1/4	974	1/4	1,374	1/4	1,773	1/4		1/4		1/4		1/4		1/4	
1/2	183	1/2	583	1/2	982	1/2	1,382	1/2	1,782	1/2		1/2		1/2		1/2		1/2	
3/4	191	3/4	591	3/4	991	3/4	1,390	3/4	1,790	3/4		3/4		3/4		3/4		3/4	
6	200	6	599	6	999	6	1,399	6	1,798	6		6		6		6		6	
1/4	208	1/4	608	1/4	1,007	1/4	1,407	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	216	1/2	616	1/2	1,016	1/2	1,415	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	225	3/4	624	3/4	1,024	3/4	1,424	3/4		3/4		3/4		3/4		3/4		3/4	
7	233	7	633	7	1,032	7	1,432	7		7		7		7		7		7	
1/4	241	1/4	641	1/4	1,041	1/4	1,440	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	250	1/2	649	1/2	1,049	1/2	1,449	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	258	3/4	658	3/4	1,057	3/4	1,457	3/4		3/4		3/4		3/4		3/4		3/4	
8	266	8	666	8	1,066	8	1,465	8		8		8		8		8		8	
1/4	275	1/4	674	1/4	1,074	1/4	1,474	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	283	1/2	683	1/2	1,082	1/2	1,482	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	291	3/4	691	3/4	1,091	3/4	1,490	3/4		3/4		3/4		3/4		3/4		3/4	
9	300	9	699	9	1,099	9	1,499	9		9		9		9		9		9	
1/4	308	1/4	708	1/4	1,107	1/4	1,507	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	316	1/2	716	1/2	1,116	1/2	1,515	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	325	3/4	724	3/4	1,124	3/4	1,524	3/4		3/4		3/4		3/4		3/4		3/4	
10	333	10	733	10	1,132	10	1,532	10		10		10		10		10		10	
1/4	341	1/4	741	1/4	1,141	1/4	1,540	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	350	1/2	749	1/2	1,149	1/2	1,548	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	358	3/4	758	3/4	1,157	3/4	1,557	3/4		3/4		3/4		3/4		3/4		3/4	
11	366	11	766	11	1,166	11	1,565	11		11		11		11		11		11	
1/4	375	1/4	774	1/4	1,174	1/4	1,573	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	383	1/2	783	1/2	1,182	1/2	1,582	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	391	3/4	791	3/4	1,191	3/4	1,590	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
CAPACITY TABLE IS SCALED FROM THE BOTTOM OF TANK

STRAPPED: 01/17/2020 JS  
CALCULATED: 01/17/2020 CL  
PRINTED: 01/17/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

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

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



# BARGE "EBL 2993"

# SLOP TANK STBD

## INNAGE TABLE GAUGE HEIGHT: 5'-00 3/4"

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	400	0	799	0	1,199	0	1,598	0		0		0		0		0	
1/4	8	1/4	408	1/4	808	1/4	1,207	1/4	1,607	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	17	1/2	416	1/2	816	1/2	1,215	1/2	1,615	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	25	3/4	425	3/4	824	3/4	1,224	3/4	1,623	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	33	1	433	1	833	1	1,232	1	1,632	1	1	1	1	1	1	1	1	1	1
1/4	42	1/4	441	1/4	841	1/4	1,240	1/4	1,640	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	50	1/2	450	1/2	849	1/2	1,249	1/2	1,648	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	58	3/4	458	3/4	857	3/4	1,257	3/4	1,657	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	67	2	466	2	866	2	1,265	2	1,665	2	2	2	2	2	2	2	2	2	2
1/4	75	1/4	475	1/4	874	1/4	1,274	1/4	1,673	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83	1/2	483	1/2	882	1/2	1,282	1/2	1,682	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	92	3/4	491	3/4	891	3/4	1,290	3/4	1,690	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	100	3	500	3	899	3	1,299	3	1,698	3	3	3	3	3	3	3	3	3	3
1/4	108	1/4	508	1/4	907	1/4	1,307	1/4	1,707	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	117	1/2	516	1/2	916	1/2	1,315	1/2	1,715	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125	3/4	524	3/4	924	3/4	1,324	3/4	1,723	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	133	4	533	4	932	4	1,332	4	1,732	4	4	4	4	4	4	4	4	4	4
1/4	142	1/4	541	1/4	941	1/4	1,340	1/4	1,740	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	150	1/2	549	1/2	949	1/2	1,349	1/2	1,748	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158	3/4	558	3/4	957	3/4	1,357	3/4	1,757	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	167	5	566	5	966	5	1,365	5	1,765	5	5	5	5	5	5	5	5	5	5
1/4	175	1/4	574	1/4	974	1/4	1,374	1/4	1,773	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	183	1/2	583	1/2	982	1/2	1,382	1/2	1,782	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	191	3/4	591	3/4	991	3/4	1,390	3/4	1,790	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	200	6	599	6	999	6	1,399	6	1,798	6	6	6	6	6	6	6	6	6	6
1/4	208	1/4	608	1/4	1,007	1/4	1,407	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	216	1/2	616	1/2	1,016	1/2	1,415	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	225	3/4	624	3/4	1,024	3/4	1,424	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	233	7	633	7	1,032	7	1,432	7		7	7	7	7	7	7	7	7	7	7
1/4	241	1/4	641	1/4	1,041	1/4	1,440	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	250	1/2	649	1/2	1,049	1/2	1,449	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	258	3/4	658	3/4	1,057	3/4	1,457	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	266	8	666	8	1,066	8	1,465	8		8	8	8	8	8	8	8	8	8	8
1/4	275	1/4	674	1/4	1,074	1/4	1,474	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	283	1/2	683	1/2	1,082	1/2	1,482	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	291	3/4	691	3/4	1,091	3/4	1,490	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	300	9	699	9	1,099	9	1,499	9		9	9	9	9	9	9	9	9	9	9
1/4	308	1/4	708	1/4	1,107	1/4	1,507	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	316	1/2	716	1/2	1,116	1/2	1,515	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	325	3/4	724	3/4	1,124	3/4	1,524	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	333	10	733	10	1,132	10	1,532	10		10	10	10	10	10	10	10	10	10	10
1/4	341	1/4	741	1/4	1,141	1/4	1,540	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	350	1/2	749	1/2	1,149	1/2	1,548	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	358	3/4	758	3/4	1,157	3/4	1,557	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	366	11	766	11	1,166	11	1,565	11		11	11	11	11	11	11	11	11	11	11
1/4	375	1/4	774	1/4	1,174	1/4	1,573	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	383	1/2	783	1/2	1,182	1/2	1,582	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	391	3/4	791	3/4	1,191	3/4	1,590	3/4		3/4	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.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
CAPACITY TABLE IS SCALED FROM THE BOTTOM OF TANK

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CANCELS AND SUPERCEDES  
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PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092

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





# BARGE "EBL 2993"

# FUEL TANK

## INNAGE TABLE GAUGE HEIGHT: 3'-09 3/4"

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	120	0	301	0	465	0		0		0		0		0		0	
1/4	1	1/4	124	1/4	305	1/4	468	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2	1/2	127	1/2	309	1/2	470	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2	3/4	131	3/4	313	3/4	473	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3	1	134	1	316	1	476	1	1	1	1	1	1	1	1	1	1	1	1
1/4	5	1/4	138	1/4	320	1/4	478	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	6	1/2	142	1/2	324	1/2	480	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	7	3/4	145	3/4	328	3/4	483	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	9	2	149	2	331	2	485	2	2	2	2	2	2	2	2	2	2	2	2
1/4	11	1/4	152	1/4	335	1/4	487	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	13	1/2	156	1/2	339	1/2	489	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	14	3/4	160	3/4	343	3/4	491	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	16	3	163	3	346	3	494	3	3	3	3	3	3	3	3	3	3	3	3
1/4	18	1/4	167	1/4	350	1/4	495	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	20	1/2	171	1/2	354	1/2	497	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	23	3/4	175	3/4	357	3/4	499	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	25	4	178	4	361	4	501	4	4	4	4	4	4	4	4	4	4	4	4
1/4	27	1/4	182	1/4	365	1/4	502	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	29	1/2	186	1/2	368	1/2	504	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	32	3/4	190	3/4	372	3/4	505	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	34	5	193	5	375	5	507	5	5	5	5	5	5	5	5	5	5	5	5
1/4	37	1/4	197	1/4	379	1/4	507	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	39	1/2	201	1/2	383	1/2	508	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	42	3/4	205	3/4	386	3/4	509	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	45	6	209	6	390	6	510	6	6	6	6	6	6	6	6	6	6	6	6
1/4	47	1/4	213	1/4	393	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	50	1/2	216	1/2	396	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53	3/4	220	3/4	400	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	56	7	224	7	403	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	59	1/4	228	1/4	407	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62	1/2	232	1/2	410	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65	3/4	236	3/4	413	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	68	8	239	8	417	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	71	1/4	243	1/4	420	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74	1/2	247	1/2	423	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77	3/4	251	3/4	426	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	80	9	255	9	430	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	83	1/4	259	1/4	433	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	87	1/2	263	1/2	436	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	90	3/4	266	3/4	439	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	93	10	270	10	442	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	96	1/4	274	1/4	445	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	100	1/2	278	1/2	448	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	103	3/4	282	3/4	451	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	106	11	286	11	454	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	110	1/4	290	1/4	457	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113	1/2	293	1/2	460	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	117	3/4	297	3/4	462	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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