



BARGE "EBL 2999"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	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	00-1/4	- 00-1/4	00-3/8	- 00-3/8	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	01-1/8	- 01-1/8	02-1/4	- 02-1/4	03-1/4	- 03-1/4	04-1/2	- 04-1/2	05-1/2	- 05-1/2	06-1/2	- 06-1/2
3 STBD	01-1/8	- 01-1/8	02-1/4	- 02-1/4	03-1/4	- 03-1/4	04-1/2	- 04-1/2	05-1/2	- 05-1/2	06-1/2	- 06-1/2

(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: 242'-00"

May 1, 2020

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "EBL 2999"

1 PORT ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-09 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	5,159.22	0	4,784.34	0	4,409.46	0	4,034.58	0	3,659.70	0	3,284.82	0	2,909.94
1/4		1/4		1/4		1/4	5,151.41	1/4	4,776.53	1/4	4,401.65	1/4	4,026.77	1/4	3,651.89	1/4	3,277.01	1/4	2,902.13
1/2		1/2		1/2		1/2	5,143.60	1/2	4,768.72	1/2	4,393.84	1/2	4,018.96	1/2	3,644.08	1/2	3,269.20	1/2	2,894.32
3/4		3/4		3/4		3/4	5,135.79	3/4	4,760.91	3/4	4,386.03	3/4	4,011.15	3/4	3,636.27	3/4	3,261.39	3/4	2,886.51
1		1		1		1	5,127.98	1	4,753.10	1	4,378.22	1	4,003.34	1	3,628.46	1	3,253.58	1	2,878.70
1/4		1/4		1/4		1/4	5,120.17	1/4	4,745.29	1/4	4,370.41	1/4	3,995.53	1/4	3,620.65	1/4	3,245.77	1/4	2,870.89
1/2		1/2		1/2		1/2	5,112.36	1/2	4,737.48	1/2	4,362.60	1/2	3,987.72	1/2	3,612.84	1/2	3,237.96	1/2	2,863.08
3/4		3/4		3/4		3/4	5,104.55	3/4	4,729.67	3/4	4,354.79	3/4	3,979.91	3/4	3,605.03	3/4	3,230.15	3/4	2,855.27
2		2		2		2	5,096.74	2	4,721.86	2	4,346.98	2	3,972.10	2	3,597.22	2	3,222.34	2	2,847.46
1/4		1/4		1/4		1/4	5,088.93	1/4	4,714.05	1/4	4,339.17	1/4	3,964.29	1/4	3,589.41	1/4	3,214.53	1/4	2,839.65
1/2		1/2		1/2		1/2	5,081.12	1/2	4,706.24	1/2	4,331.36	1/2	3,956.48	1/2	3,581.60	1/2	3,206.72	1/2	2,831.84
3/4		3/4		3/4		3/4	5,073.31	3/4	4,698.43	3/4	4,323.55	3/4	3,948.67	3/4	3,573.79	3/4	3,198.91	3/4	2,824.03
3		3		3		3	5,065.50	3	4,690.61	3	4,315.74	3	3,940.86	3	3,565.98	3	3,191.10	3	2,816.22
1/4		1/4		1/4		1/4	5,057.69	1/4	4,682.79	1/4	4,307.93	1/4	3,933.05	1/4	3,558.17	1/4	3,183.29	1/4	2,808.41
1/2		1/2		1/2		1/2	5,049.88	1/2	4,674.98	1/2	4,300.12	1/2	3,925.24	1/2	3,550.36	1/2	3,175.48	1/2	2,800.60
3/4		3/4		3/4		3/4	5,042.07	3/4	4,667.16	3/4	4,292.31	3/4	3,917.43	3/4	3,542.55	3/4	3,167.67	3/4	2,792.79
4		4		4		4	5,034.26	4	4,659.36	4	4,284.50	4	3,909.62	4	3,534.74	4	3,159.86	4	2,784.98
1/4		1/4		1/4		1/4	5,026.45	1/4	4,651.55	1/4	4,276.69	1/4	3,901.81	1/4	3,526.93	1/4	3,152.05	1/4	2,777.17
1/2		1/2		1/2		1/2	5,018.64	1/2	4,643.75	1/2	4,268.88	1/2	3,894.00	1/2	3,519.12	1/2	3,144.24	1/2	2,769.36
3/4		3/4		3/4		3/4	5,299.72	3/4	5,010.83	3/4	4,635.95	3/4	4,261.07	3/4	3,886.19	3/4	3,511.31	3/4	3,136.43
5		5		5		5	5,298.84	5	5,003.02	5	4,628.14	5	4,253.26	5	3,878.38	5	3,503.50	5	3,128.62
1/4		1/4		1/4		1/4	5,297.95	1/4	4,995.21	1/4	4,620.33	1/4	4,245.45	1/4	3,870.57	1/4	3,495.69	1/4	3,120.81
1/2		1/2		1/2		1/2	5,297.07	1/2	4,987.40	1/2	4,612.52	1/2	4,237.64	1/2	3,862.76	1/2	3,487.88	1/2	3,113.00
3/4		3/4		3/4		3/4	5,296.18	3/4	4,979.59	3/4	4,604.71	3/4	4,229.83	3/4	3,854.95	3/4	3,480.07	3/4	3,105.19
6		6		6		6	5,294.06	6	4,971.78	6	4,596.90	6	4,222.02	6	3,847.14	6	3,472.26	6	3,097.38
1/4		1/4		1/4		1/4	5,293.93	1/4	4,963.97	1/4	4,589.09	1/4	4,214.21	1/4	3,839.33	1/4	3,464.45	1/4	3,089.57
1/2		1/2		1/2		1/2	5,289.81	1/2	4,956.16	1/2	4,581.28	1/2	4,206.40	1/2	3,831.52	1/2	3,456.64	1/2	3,081.76
3/4		3/4		3/4		3/4	5,287.68	3/4	4,948.35	3/4	4,573.47	3/4	4,198.59	3/4	3,823.71	3/4	3,448.83	3/4	3,073.95
7		7		7		7	5,284.14	7	4,940.54	7	4,565.66	7	4,190.78	7	3,815.90	7	3,441.02	7	3,066.14
1/4		1/4		1/4		1/4	5,280.59	1/4	4,932.73	1/4	4,557.85	1/4	4,182.97	1/4	3,808.09	1/4	3,433.21	1/4	3,058.33
1/2		1/2		1/2		1/2	5,277.05	1/2	4,924.92	1/2	4,550.04	1/2	4,175.16	1/2	3,800.28	1/2	3,425.40	1/2	3,050.52
3/4		3/4		3/4		3/4	5,273.50	3/4	4,917.11	3/4	4,542.23	3/4	4,167.35	3/4	3,792.47	3/4	3,417.59	3/4	3,042.71
8		8		8		8	5,268.53	8	4,909.30	8	4,534.42	8	4,159.54	8	3,784.66	8	3,409.78	8	3,034.90
1/4		1/4		1/4		1/4	5,263.57	1/4	4,901.49	1/4	4,526.61	1/4	4,151.73	1/4	3,776.85	1/4	3,401.97	1/4	3,027.09
1/2		1/2		1/2		1/2	5,258.60	1/2	4,893.68	1/2	4,518.80	1/2	4,143.92	1/2	3,769.04	1/2	3,394.16	1/2	3,019.28
3/4		3/4		3/4		3/4	5,253.63	3/4	4,885.87	3/4	4,510.99	3/4	4,136.11	3/4	3,761.23	3/4	3,386.35	3/4	3,011.47
9		9		9		9	5,247.24	9	4,878.06	9	4,503.18	9	4,128.30	9	3,753.42	9	3,378.54	9	3,003.66
1/4		1/4		1/4		1/4	5,240.86	1/4	4,870.25	1/4	4,495.37	1/4	4,120.49	1/4	3,745.61	1/4	3,370.73	1/4	2,995.85
1/2		1/2		1/2		1/2	5,234.47	1/2	4,862.44	1/2	4,487.56	1/2	4,112.68	1/2	3,737.80	1/2	3,362.92	1/2	2,988.04
3/4		3/4		3/4		3/4	5,228.08	3/4	4,854.63	3/4	4,479.75	3/4	4,104.87	3/4	3,729.99	3/4	3,355.11	3/4	2,980.23
10		10		10		10	5,220.63	10	4,846.82	10	4,471.94	10	4,097.06	10	3,722.18	10	3,347.30	10	2,972.42
1/4		1/4		1/4		1/4	5,213.18	1/4	4,839.01	1/4	4,464.13	1/4	4,089.25	1/4	3,714.37	1/4	3,339.49	1/4	2,964.61
1/2		1/2		1/2		1/2	5,205.72	1/2	4,831.20	1/2	4,456.32	1/2	4,081.44	1/2	3,706.56	1/2	3,331.68	1/2	2,956.80
3/4		3/4		3/4		3/4	5,198.27	3/4	4,823.39	3/4	4,448.51	3/4	4,073.63	3/4	3,698.75	3/4	3,323.87	3/4	2,948.99
11		11		11		11	5,190.46	11	4,815.58	11	4,440.70	11	4,065.82	11	3,690.94	11	3,316.06	11	2,941.18
1/4		1/4		1/4		1/4	5,182.65	1/4	4,807.77	1/4	4,432.89	1/4	4,058.01	1/4	3,683.13	1/4	3,308.25	1/4	2,933.37
1/2		1/2		1/2		1/2	5,174.84	1/2	4,799.96	1/2	4,425.08	1/2	4,050.20	1/2	3,675.32	1/2	3,300.44	1/2	2,925.56
3/4		3/4		3/4		3/4	5,167.03	3/4	4,792.15	3/4	4,417.27	3/4	4,042.39	3/4	3,667.51	3/4	3,292.63	3/4	2,917.75

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 13'-03" 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
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BARGE "EBL 2999"

1 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 16'-09 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	2,535.06	0	2,160.18	0	1,785.30	0	1,410.42	0	1,035.54	0	660.66	0	293.57	0		0		0	
1/4	2,527.25	1/4	2,152.37	1/4	1,777.49	1/4	1,402.61	1/4	1,027.73	1/4	652.85	1/4	286.22	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,519.44	1/2	2,144.56	1/2	1,769.68	1/2	1,394.80	1/2	1,019.92	1/2	645.04	1/2	278.88	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,511.63	3/4	2,136.75	3/4	1,761.87	3/4	1,386.99	3/4	1,012.11	3/4	637.23	3/4	271.54	3/4	3/4	3/4	3/4	3/4	3/4
1	2,503.82	1	2,128.94	1	1,754.06	1	1,379.18	1	1,004.30	1	629.42	1	264.41	1	1	1	1	1	1
1/4	2,496.01	1/4	2,121.13	1/4	1,746.25	1/4	1,371.37	1/4	996.49	1/4	621.61	1/4	257.28	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,488.20	1/2	2,113.32	1/2	1,738.44	1/2	1,363.56	1/2	988.68	1/2	613.80	1/2	250.16	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,480.39	3/4	2,105.51	3/4	1,730.63	3/4	1,355.75	3/4	980.87	3/4	605.99	3/4	243.03	3/4	3/4	3/4	3/4	3/4	3/4
2	2,472.58	2	2,097.70	2	1,722.82	2	1,347.94	2	973.06	2	598.18	2	235.90	2	2	2	2	2	2
1/4	2,464.77	1/4	2,089.89	1/4	1,715.01	1/4	1,340.13	1/4	965.25	1/4	590.37	1/4	228.77	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,456.96	1/2	2,082.08	1/2	1,707.20	1/2	1,332.32	1/2	957.44	1/2	582.56	1/2	221.65	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,449.15	3/4	2,074.27	3/4	1,699.39	3/4	1,324.51	3/4	949.63	3/4	574.75	3/4	214.52	3/4	3/4	3/4	3/4	3/4	3/4
3	2,441.34	3	2,066.46	3	1,691.58	3	1,316.70	3	941.82	3	566.94	3	207.39	3	3	3	3	3	3
1/4	2,433.53	1/4	2,058.65	1/4	1,683.77	1/4	1,308.89	1/4	934.01	1/4	559.13	1/4	200.26	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,425.72	1/2	2,050.84	1/2	1,675.96	1/2	1,301.08	1/2	926.20	1/2	551.32	1/2	193.13	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,417.91	3/4	2,043.03	3/4	1,668.15	3/4	1,293.27	3/4	918.39	3/4	543.51	3/4	186.00	3/4	3/4	3/4	3/4	3/4	3/4
4	2,410.10	4	2,035.22	4	1,660.34	4	1,285.46	4	910.58	4	535.70	4	179.09	4	4	4	4	4	4
1/4	2,402.29	1/4	2,027.41	1/4	1,652.53	1/4	1,277.65	1/4	902.77	1/4	527.89	1/4	172.17	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,394.48	1/2	2,019.60	1/2	1,644.72	1/2	1,269.84	1/2	894.96	1/2	520.08	1/2	165.26	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,386.67	3/4	2,011.79	3/4	1,636.91	3/4	1,262.03	3/4	887.15	3/4	512.27	3/4	158.35	3/4	3/4	3/4	3/4	3/4	3/4
5	2,378.86	5	2,003.98	5	1,629.10	5	1,254.22	5	879.34	5	504.53	5	151.43	5	5	5	5	5	5
1/4	2,371.05	1/4	1,996.17	1/4	1,621.29	1/4	1,246.41	1/4	871.53	1/4	496.79	1/4	144.52	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,363.24	1/2	1,988.36	1/2	1,613.48	1/2	1,238.60	1/2	863.72	1/2	489.06	1/2	137.60	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,355.43	3/4	1,980.55	3/4	1,605.67	3/4	1,230.79	3/4	855.91	3/4	481.32	3/4	130.69	3/4	3/4	3/4	3/4	3/4	3/4
6	2,347.62	6	1,972.74	6	1,597.86	6	1,222.98	6	848.10	6	473.58	6	123.78	6	6	6	6	6	6
1/4	2,339.81	1/4	1,964.93	1/4	1,590.05	1/4	1,215.17	1/4	840.29	1/4	465.84	1/4	116.86	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,332.00	1/2	1,957.12	1/2	1,582.24	1/2	1,207.36	1/2	832.48	1/2	458.10	1/2	109.95	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,324.19	3/4	1,949.31	3/4	1,574.43	3/4	1,199.55	3/4	824.67	3/4	450.36	3/4	103.04	3/4	3/4	3/4	3/4	3/4	3/4
7	2,316.38	7	1,941.50	7	1,566.62	7	1,191.74	7	816.86	7	442.80	7	96.34	7	7	7	7	7	7
1/4	2,308.57	1/4	1,933.69	1/4	1,558.81	1/4	1,183.93	1/4	809.05	1/4	435.24	1/4	89.64	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,300.76	1/2	1,925.88	1/2	1,551.00	1/2	1,176.12	1/2	801.24	1/2	427.68	1/2	82.94	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,292.95	3/4	1,918.07	3/4	1,543.19	3/4	1,168.31	3/4	793.43	3/4	420.12	3/4	76.24	3/4	3/4	3/4	3/4	3/4	3/4
8	2,285.14	8	1,910.26	8	1,535.38	8	1,160.50	8	785.62	8	412.56	8	69.71	8	8	8	8	8	8
1/4	2,277.33	1/4	1,902.45	1/4	1,527.57	1/4	1,152.69	1/4	777.81	1/4	405.00	1/4	63.18	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,269.52	1/2	1,894.64	1/2	1,519.76	1/2	1,144.88	1/2	770.00	1/2	397.44	1/2	56.65	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,261.71	3/4	1,886.83	3/4	1,511.95	3/4	1,137.07	3/4	762.19	3/4	389.88	3/4	50.12	3/4	3/4	3/4	3/4	3/4	3/4
9	2,253.90	9	1,879.02	9	1,504.14	9	1,129.26	9	754.38	9	382.32	9	44.79	9	9	9	9	9	9
1/4	2,246.09	1/4	1,871.21	1/4	1,496.33	1/4	1,121.45	1/4	746.57	1/4	374.76	1/4	39.46	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,238.28	1/2	1,863.40	1/2	1,488.52	1/2	1,113.64	1/2	738.76	1/2	367.20	1/2	34.14	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,230.47	3/4	1,855.59	3/4	1,480.71	3/4	1,105.83	3/4	730.95	3/4	359.64	3/4	28.81	3/4	3/4	3/4	3/4	3/4	3/4
10	2,222.66	10	1,847.78	10	1,472.90	10	1,098.02	10	723.14	10	352.30	10		10	10	10	10	10	10
1/4	2,214.85	1/4	1,839.97	1/4	1,465.09	1/4	1,090.21	1/4	715.33	1/4	344.96	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,207.04	1/2	1,832.16	1/2	1,457.28	1/2	1,082.40	1/2	707.52	1/2	337.62	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,199.23	3/4	1,824.35	3/4	1,449.47	3/4	1,074.59	3/4	699.71	3/4	330.28	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	2,191.42	11	1,816.54	11	1,441.66	11	1,066.78	11	691.90	11	322.94	11		11	11	11	11	11	11
1/4	2,183.61	1/4	1,808.73	1/4	1,433.85	1/4	1,058.97	1/4	684.09	1/4	315.59	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,175.80	1/2	1,800.92	1/2	1,426.04	1/2	1,051.16	1/2	676.28	1/2	308.25	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,167.99	3/4	1,793.11	3/4	1,418.23	3/4	1,043.35	3/4	668.47	3/4	300.91	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/22/2003 INSP
RECALCULATED: 05/01/2020 SW
REPRINTED: 05/01/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2020

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



BARGE "EBL 2999"

1 STBD ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 16'-10 1/2"

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	5,182.65	0	4,807.77	0	4,432.89	0	4,058.01	0	3,683.13	0	3,308.25	0	2,933.37
1/4		1/4		1/4		1/4	5,174.84	1/4	4,799.96	1/4	4,425.08	1/4	4,050.20	1/4	3,675.32	1/4	3,300.44	1/4	2,925.56
1/2		1/2		1/2		1/2	5,167.03	1/2	4,792.15	1/2	4,417.27	1/2	4,042.39	1/2	3,667.51	1/2	3,292.63	1/2	2,917.75
3/4		3/4		3/4		3/4	5,159.22	3/4	4,784.34	3/4	4,409.46	3/4	4,034.58	3/4	3,659.70	3/4	3,284.82	3/4	2,909.94
1		1		1		1	5,151.41	1	4,776.53	1	4,401.65	1	4,026.77	1	3,651.89	1	3,277.01	1	2,902.13
1/4		1/4		1/4		1/4	5,143.60	1/4	4,768.72	1/4	4,393.84	1/4	4,018.96	1/4	3,644.08	1/4	3,269.20	1/4	2,894.32
1/2		1/2		1/2		1/2	5,135.79	1/2	4,760.91	1/2	4,386.03	1/2	4,011.15	1/2	3,636.27	1/2	3,261.39	1/2	2,886.51
3/4		3/4		3/4		3/4	5,127.98	3/4	4,753.10	3/4	4,378.22	3/4	4,003.34	3/4	3,628.46	3/4	3,253.58	3/4	2,878.70
2		2		2		2	5,120.17	2	4,745.29	2	4,370.41	2	3,995.53	2	3,620.65	2	3,245.77	2	2,870.89
1/4		1/4		1/4		1/4	5,112.36	1/4	4,737.48	1/4	4,362.60	1/4	3,987.72	1/4	3,612.84	1/4	3,237.96	1/4	2,863.08
1/2		1/2		1/2		1/2	5,104.55	1/2	4,729.67	1/2	4,354.79	1/2	3,979.91	1/2	3,605.03	1/2	3,230.15	1/2	2,855.27
3/4		3/4		3/4		3/4	5,096.74	3/4	4,721.86	3/4	4,346.98	3/4	3,972.10	3/4	3,597.22	3/4	3,222.34	3/4	2,847.46
3		3		3		3	5,088.93	3	4,714.05	3	4,339.17	3	3,964.29	3	3,589.41	3	3,214.53	3	2,839.65
1/4		1/4		1/4		1/4	5,081.12	1/4	4,706.24	1/4	4,331.36	1/4	3,956.48	1/4	3,581.60	1/4	3,206.72	1/4	2,831.84
1/2		1/2		1/2		1/2	5,073.31	1/2	4,698.43	1/2	4,323.55	1/2	3,948.67	1/2	3,573.79	1/2	3,198.91	1/2	2,824.03
3/4		3/4		3/4		3/4	5,065.50	3/4	4,690.61	3/4	4,315.74	3/4	3,940.86	3/4	3,565.98	3/4	3,191.10	3/4	2,816.22
4		4		4		4	5,057.69	4	4,682.79	4	4,307.93	4	3,933.05	4	3,558.17	4	3,183.29	4	2,808.41
1/4		1/4		1/4		1/4	5,049.88	1/4	4,674.98	1/4	4,300.12	1/4	3,925.24	1/4	3,550.36	1/4	3,175.48	1/4	2,800.60
1/2		1/2		1/2		1/2	5,042.07	1/2	4,667.16	1/2	4,292.31	1/2	3,917.43	1/2	3,542.55	1/2	3,167.67	1/2	2,792.79
3/4		3/4		3/4		3/4	5,034.26	3/4	4,659.36	3/4	4,284.50	3/4	3,909.62	3/4	3,534.74	3/4	3,159.86	3/4	2,784.98
5		5		5		5	5,026.45	5	4,651.55	5	4,276.69	5	3,901.81	5	3,526.93	5	3,152.05	5	2,777.17
1/4		1/4		1/4		1/4	5,018.64	1/4	4,643.75	1/4	4,268.88	1/4	3,894.00	1/4	3,519.12	1/4	3,144.24	1/4	2,769.36
1/2		1/2		1/2		1/2	5,299.72	1/2	5,010.83	1/2	4,635.95	1/2	4,261.07	1/2	3,886.19	1/2	3,511.31	1/2	3,136.43
3/4		3/4		3/4		3/4	5,298.84	3/4	5,003.02	3/4	4,628.14	3/4	4,253.26	3/4	3,878.38	3/4	3,503.50	3/4	3,128.62
6		6		6		6	5,297.95	6	4,995.21	6	4,620.33	6	4,245.45	6	3,870.57	6	3,495.69	6	3,120.81
1/4		1/4		1/4		1/4	5,297.07	1/4	4,987.40	1/4	4,612.52	1/4	4,237.64	1/4	3,862.76	1/4	3,487.88	1/4	3,113.00
1/2		1/2		1/2		1/2	5,296.18	1/2	4,979.59	1/2	4,604.71	1/2	4,229.83	1/2	3,854.95	1/2	3,480.07	1/2	3,105.19
3/4		3/4		3/4		3/4	5,294.06	3/4	4,971.78	3/4	4,596.90	3/4	4,222.02	3/4	3,847.14	3/4	3,472.26	3/4	3,097.38
7		7		7		7	5,291.93	7	4,963.97	7	4,589.09	7	4,214.21	7	3,839.33	7	3,464.45	7	3,089.57
1/4		1/4		1/4		1/4	5,289.81	1/4	4,956.16	1/4	4,581.28	1/4	4,206.40	1/4	3,831.52	1/4	3,456.64	1/4	3,081.76
1/2		1/2		1/2		1/2	5,287.68	1/2	4,948.35	1/2	4,573.47	1/2	4,198.59	1/2	3,823.71	1/2	3,448.83	1/2	3,073.95
3/4		3/4		3/4		3/4	5,284.14	3/4	4,940.54	3/4	4,565.66	3/4	4,190.78	3/4	3,815.90	3/4	3,441.02	3/4	3,066.14
8		8		8		8	5,280.59	8	4,932.73	8	4,557.85	8	4,182.97	8	3,808.09	8	3,433.21	8	3,058.33
1/4		1/4		1/4		1/4	5,277.05	1/4	4,924.92	1/4	4,550.04	1/4	4,175.16	1/4	3,800.28	1/4	3,425.40	1/4	3,050.52
1/2		1/2		1/2		1/2	5,273.50	1/2	4,917.11	1/2	4,542.23	1/2	4,167.35	1/2	3,792.47	1/2	3,417.59	1/2	3,042.71
3/4		3/4		3/4		3/4	5,268.53	3/4	4,909.30	3/4	4,534.42	3/4	4,159.54	3/4	3,784.66	3/4	3,409.78	3/4	3,034.90
9		9		9		9	5,263.57	9	4,901.49	9	4,526.61	9	4,151.73	9	3,776.85	9	3,401.97	9	3,027.09
1/4		1/4		1/4		1/4	5,258.60	1/4	4,893.68	1/4	4,518.80	1/4	4,143.92	1/4	3,769.04	1/4	3,394.16	1/4	3,019.28
1/2		1/2		1/2		1/2	5,253.63	1/2	4,885.87	1/2	4,510.99	1/2	4,136.11	1/2	3,761.23	1/2	3,386.35	1/2	3,011.47
3/4		3/4		3/4		3/4	5,247.24	3/4	4,878.06	3/4	4,503.18	3/4	4,128.30	3/4	3,753.42	3/4	3,378.54	3/4	3,003.66
10		10		10		10	5,240.86	10	4,870.25	10	4,495.37	10	4,120.49	10	3,745.61	10	3,370.73	10	2,995.85
1/4		1/4		1/4		1/4	5,234.47	1/4	4,862.44	1/4	4,487.56	1/4	4,112.68	1/4	3,737.80	1/4	3,362.92	1/4	2,988.04
1/2		1/2		1/2		1/2	5,228.08	1/2	4,854.63	1/2	4,479.75	1/2	4,104.87	1/2	3,729.99	1/2	3,355.11	1/2	2,980.23
3/4		3/4		3/4		3/4	5,220.63	3/4	4,846.82	3/4	4,471.94	3/4	4,097.06	3/4	3,722.18	3/4	3,347.30	3/4	2,972.42
11		11		11		11	5,213.18	11	4,839.01	11	4,464.13	11	4,089.25	11	3,714.37	11	3,339.49	11	2,964.61
1/4		1/4		1/4		1/4	5,205.72	1/4	4,831.20	1/4	4,456.32	1/4	4,081.44	1/4	3,706.56	1/4	3,331.68	1/4	2,956.80
1/2		1/2		1/2		1/2	5,198.27	1/2	4,823.39	1/2	4,448.51	1/2	4,073.63	1/2	3,698.75	1/2	3,323.87	1/2	2,948.99
3/4		3/4		3/4		3/4	5,190.46	3/4	4,815.58	3/4	4,440.70	3/4	4,065.82	3/4	3,690.94	3/4	3,316.06	3/4	2,941.18

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 13'-03" 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 2999"

1 STBD

ULLAGE TABLE
HERMETIC

GAUGE HEIGHT 16'-10 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	2,558.49	0	2,183.61	0	1,808.73	0	1,433.85	0	1,058.97	0	684.09	0	315.59	0		0		0	
1/4	2,550.68	1/4	2,175.80	1/4	1,800.92	1/4	1,426.04	1/4	1,051.16	1/4	676.28	1/4	308.25	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,542.87	1/2	2,167.99	1/2	1,793.11	1/2	1,418.23	1/2	1,043.35	1/2	668.47	1/2	300.91	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,535.06	3/4	2,160.18	3/4	1,785.30	3/4	1,410.42	3/4	1,035.54	3/4	660.66	3/4	293.57	3/4	3/4	3/4	3/4	3/4	3/4
1	2,527.25	1	2,152.37	1	1,777.49	1	1,402.61	1	1,027.73	1	652.85	1	286.22	1	1	1	1	1	1
1/4	2,519.44	1/4	2,144.56	1/4	1,769.68	1/4	1,394.80	1/4	1,019.92	1/4	645.04	1/4	278.88	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,511.63	1/2	2,136.75	1/2	1,761.87	1/2	1,386.99	1/2	1,012.11	1/2	637.23	1/2	271.54	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,503.82	3/4	2,128.94	3/4	1,754.06	3/4	1,379.18	3/4	1,004.30	3/4	629.42	3/4	264.41	3/4	3/4	3/4	3/4	3/4	3/4
2	2,496.01	2	2,121.13	2	1,746.25	2	1,371.37	2	996.49	2	621.61	2	257.28	2	2	2	2	2	2
1/4	2,488.20	1/4	2,113.32	1/4	1,738.44	1/4	1,363.56	1/4	988.68	1/4	613.80	1/4	250.16	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,480.39	1/2	2,105.51	1/2	1,730.63	1/2	1,355.75	1/2	980.87	1/2	605.99	1/2	243.03	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,472.58	3/4	2,097.70	3/4	1,722.82	3/4	1,347.94	3/4	973.06	3/4	598.18	3/4	235.90	3/4	3/4	3/4	3/4	3/4	3/4
3	2,464.77	3	2,089.89	3	1,715.01	3	1,340.13	3	965.25	3	590.37	3	228.77	3	3	3	3	3	3
1/4	2,456.96	1/4	2,082.08	1/4	1,707.20	1/4	1,332.32	1/4	957.44	1/4	582.56	1/4	221.65	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,449.15	1/2	2,074.27	1/2	1,699.39	1/2	1,324.51	1/2	949.63	1/2	574.75	1/2	214.52	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,441.34	3/4	2,066.46	3/4	1,691.58	3/4	1,316.70	3/4	941.82	3/4	566.94	3/4	207.39	3/4	3/4	3/4	3/4	3/4	3/4
4	2,433.53	4	2,058.65	4	1,683.77	4	1,308.89	4	934.01	4	559.13	4	200.26	4	4	4	4	4	4
1/4	2,425.72	1/4	2,050.84	1/4	1,675.96	1/4	1,301.08	1/4	926.20	1/4	551.32	1/4	193.13	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,417.91	1/2	2,043.03	1/2	1,668.15	1/2	1,293.27	1/2	918.39	1/2	543.51	1/2	186.00	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,410.10	3/4	2,035.22	3/4	1,660.34	3/4	1,285.46	3/4	910.58	3/4	535.70	3/4	179.09	3/4	3/4	3/4	3/4	3/4	3/4
5	2,402.29	5	2,027.41	5	1,652.53	5	1,277.65	5	902.77	5	527.89	5	172.17	5	5	5	5	5	5
1/4	2,394.48	1/4	2,019.60	1/4	1,644.72	1/4	1,269.84	1/4	894.96	1/4	520.08	1/4	165.26	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,386.67	1/2	2,011.79	1/2	1,636.91	1/2	1,262.03	1/2	887.15	1/2	512.27	1/2	158.35	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,378.86	3/4	2,003.98	3/4	1,629.10	3/4	1,254.22	3/4	879.34	3/4	504.53	3/4	151.43	3/4	3/4	3/4	3/4	3/4	3/4
6	2,371.05	6	1,996.17	6	1,621.29	6	1,246.41	6	871.53	6	496.79	6	144.52	6	6	6	6	6	6
1/4	2,363.24	1/4	1,988.36	1/4	1,613.48	1/4	1,238.60	1/4	863.72	1/4	489.06	1/4	137.60	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,355.43	1/2	1,980.55	1/2	1,605.67	1/2	1,230.79	1/2	855.91	1/2	481.32	1/2	130.69	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,347.62	3/4	1,972.74	3/4	1,597.86	3/4	1,222.98	3/4	848.10	3/4	473.58	3/4	123.78	3/4	3/4	3/4	3/4	3/4	3/4
7	2,339.81	7	1,964.93	7	1,590.05	7	1,215.17	7	840.29	7	465.84	7	116.86	7	7	7	7	7	7
1/4	2,332.00	1/4	1,957.12	1/4	1,582.24	1/4	1,207.36	1/4	832.48	1/4	458.10	1/4	109.95	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,324.19	1/2	1,949.31	1/2	1,574.43	1/2	1,199.55	1/2	824.67	1/2	450.36	1/2	103.04	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,316.38	3/4	1,941.50	3/4	1,566.62	3/4	1,191.74	3/4	816.86	3/4	442.80	3/4	96.34	3/4	3/4	3/4	3/4	3/4	3/4
8	2,308.57	8	1,933.69	8	1,558.81	8	1,183.93	8	809.05	8	435.24	8	89.64	8	8	8	8	8	8
1/4	2,300.76	1/4	1,925.88	1/4	1,551.00	1/4	1,176.12	1/4	801.24	1/4	427.68	1/4	82.94	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,292.95	1/2	1,918.07	1/2	1,543.19	1/2	1,168.31	1/2	793.43	1/2	420.12	1/2	76.24	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,285.14	3/4	1,910.26	3/4	1,535.38	3/4	1,160.50	3/4	785.62	3/4	412.56	3/4	69.71	3/4	3/4	3/4	3/4	3/4	3/4
9	2,277.33	9	1,902.45	9	1,527.57	9	1,152.69	9	777.81	9	405.00	9	63.18	9	9	9	9	9	9
1/4	2,269.52	1/4	1,894.64	1/4	1,519.76	1/4	1,144.88	1/4	770.00	1/4	397.44	1/4	56.65	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,261.71	1/2	1,886.83	1/2	1,511.95	1/2	1,137.07	1/2	762.19	1/2	389.88	1/2	50.12	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,253.90	3/4	1,879.02	3/4	1,504.14	3/4	1,129.26	3/4	754.38	3/4	382.32	3/4	44.79	3/4	3/4	3/4	3/4	3/4	3/4
10	2,246.09	10	1,871.21	10	1,496.33	10	1,121.45	10	746.57	10	374.76	10	39.46	10	10	10	10	10	10
1/4	2,238.28	1/4	1,863.40	1/4	1,488.52	1/4	1,113.64	1/4	738.76	1/4	367.20	1/4	34.14	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,230.47	1/2	1,855.59	1/2	1,480.71	1/2	1,105.83	1/2	730.95	1/2	359.64	1/2	28.81	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,222.66	3/4	1,847.78	3/4	1,472.90	3/4	1,098.02	3/4	723.14	3/4	352.30	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	2,214.85	11	1,839.97	11	1,465.09	11	1,090.21	11	715.33	11	344.96	11		11	11	11	11	11	11
1/4	2,207.04	1/4	1,832.16	1/4	1,457.28	1/4	1,082.40	1/4	707.52	1/4	337.62	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,199.23	1/2	1,824.35	1/2	1,449.47	1/2	1,074.59	1/2	699.71	1/2	330.28	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,191.42	3/4	1,816.54	3/4	1,441.66	3/4	1,066.78	3/4	691.90	3/4	322.94	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/22/2003 INSP
RECALCULATED: 05/01/2020 SW
REPRINTED: 05/01/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2020

PRECISION MEASUREMENT
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BARGE "EBL 2999"

2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	5,027.66	0	4,666.42	0	4,305.17	0	3,943.92	0	3,582.67	0	3,221.42	0	2,860.18
1/4		1/4		1/4		1/4	5,020.14	1/4	4,658.89	1/4	4,297.64	1/4	3,936.39	1/4	3,575.15	1/4	3,213.90	1/4	2,852.65
1/2		1/2		1/2		1/2	5,012.61	1/2	4,651.37	1/2	4,290.12	1/2	3,928.87	1/2	3,567.62	1/2	3,206.37	1/2	2,845.13
3/4		3/4		3/4		3/4	5,005.08	3/4	4,643.84	3/4	4,282.59	3/4	3,921.34	3/4	3,560.09	3/4	3,198.84	3/4	2,837.60
1		1		1		1	4,997.56	1	4,636.31	1	4,275.06	1	3,913.82	1	3,552.57	1	3,191.32	1	2,830.07
1/4		1/4		1/4		1/4	4,990.03	1/4	4,628.79	1/4	4,267.54	1/4	3,906.29	1/4	3,545.04	1/4	3,183.79	1/4	2,822.55
1/2		1/2		1/2		1/2	4,982.51	1/2	4,621.26	1/2	4,260.01	1/2	3,898.77	1/2	3,537.52	1/2	3,176.27	1/2	2,815.02
3/4		3/4		3/4		3/4	4,974.98	3/4	4,613.73	3/4	4,252.48	3/4	3,891.24	3/4	3,529.99	3/4	3,168.74	3/4	2,807.49
2		2		2		2	4,967.46	2	4,606.21	2	4,244.96	2	3,883.71	2	3,522.46	2	3,161.22	2	2,799.97
1/4		1/4		1/4		1/4	4,959.93	1/4	4,598.68	1/4	4,237.43	1/4	3,876.19	1/4	3,514.94	1/4	3,153.69	1/4	2,792.44
1/2		1/2		1/2		1/2	4,952.41	1/2	4,591.16	1/2	4,229.91	1/2	3,868.66	1/2	3,507.41	1/2	3,146.17	1/2	2,784.92
3/4		3/4		3/4		3/4	4,944.88	3/4	4,583.63	3/4	4,222.38	3/4	3,861.13	3/4	3,499.88	3/4	3,138.64	3/4	2,777.39
3		3		3		3	4,937.35	3	4,576.10	3	4,214.86	3	3,853.61	3	3,492.36	3	3,131.11	3	2,769.86
1/4		1/4		1/4		1/4	4,929.83	1/4	4,568.58	1/4	4,207.33	1/4	3,846.08	1/4	3,484.83	1/4	3,123.59	1/4	2,762.34
1/2		1/2		1/2		1/2	4,922.30	1/2	4,561.05	1/2	4,199.81	1/2	3,838.56	1/2	3,477.31	1/2	3,116.06	1/2	2,754.81
3/4		3/4		3/4		3/4	4,914.77	3/4	4,553.52	3/4	4,192.28	3/4	3,831.03	3/4	3,469.78	3/4	3,108.53	3/4	2,747.28
4		4		4		4	4,907.25	4	4,546.00	4	4,184.75	4	3,823.50	4	3,462.26	4	3,101.01	4	2,739.76
1/4		1/4		1/4		1/4	4,899.72	1/4	4,538.47	1/4	4,177.23	1/4	3,815.98	1/4	3,454.73	1/4	3,093.48	1/4	2,732.23
1/2		1/2		1/2		1/2	4,892.20	1/2	4,530.95	1/2	4,169.70	1/2	3,808.45	1/2	3,447.21	1/2	3,085.96	1/2	2,724.71
3/4		3/4		3/4		3/4	4,884.67	3/4	4,523.42	3/4	4,162.17	3/4	3,800.92	3/4	3,439.68	3/4	3,078.43	3/4	2,717.18
5		5		5		5	4,877.14	5	4,515.90	5	4,154.65	5	3,793.40	5	3,432.15	5	3,070.90	5	2,709.66
1/4		1/4		1/4	5,148.02	1/4	4,869.62	1/4	4,508.37	1/4	4,147.12	1/4	3,785.87	1/4	3,424.63	1/4	3,063.38	1/4	2,702.13
1/2		1/2		1/2	5,147.68	1/2	4,862.09	1/2	4,500.85	1/2	4,139.60	1/2	3,778.35	1/2	3,417.10	1/2	3,055.85	1/2	2,694.61
3/4		3/4		3/4	5,147.34	3/4	4,854.56	3/4	4,493.32	3/4	4,132.07	3/4	3,770.82	3/4	3,409.57	3/4	3,048.32	3/4	2,687.08
6		6		6	5,145.98	6	4,847.04	6	4,485.79	6	4,124.54	6	3,763.30	6	3,402.05	6	3,040.80	6	2,679.55
1/4		1/4		1/4	5,144.62	1/4	4,839.51	1/4	4,478.27	1/4	4,117.02	1/4	3,755.77	1/4	3,394.52	1/4	3,033.27	1/4	2,672.03
1/2		1/2		1/2	5,143.25	1/2	4,831.99	1/2	4,470.74	1/2	4,109.49	1/2	3,748.25	1/2	3,387.00	1/2	3,025.75	1/2	2,664.50
3/4		3/4		3/4	5,141.89	3/4	4,824.46	3/4	4,463.21	3/4	4,101.96	3/4	3,740.72	3/4	3,379.47	3/4	3,018.22	3/4	2,656.97
7		7		7	5,139.16	7	4,816.94	7	4,455.69	7	4,094.44	7	3,733.19	7	3,371.94	7	3,010.70	7	2,649.45
1/4		1/4		1/4	5,136.43	1/4	4,809.41	1/4	4,448.16	1/4	4,086.91	1/4	3,725.67	1/4	3,364.42	1/4	3,003.17	1/4	2,641.92
1/2		1/2		1/2	5,133.69	1/2	4,801.89	1/2	4,440.64	1/2	4,079.39	1/2	3,718.14	1/2	3,356.89	1/2	2,995.65	1/2	2,634.40
3/4		3/4		3/4	5,130.96	3/4	4,794.36	3/4	4,433.11	3/4	4,071.86	3/4	3,710.61	3/4	3,349.36	3/4	2,988.12	3/4	2,626.87
8		8		8	5,126.86	8	4,786.83	8	4,425.58	8	4,064.34	8	3,703.09	8	3,341.84	8	2,980.59	8	2,619.34
1/4		1/4		1/4	5,122.76	1/4	4,779.31	1/4	4,418.06	1/4	4,056.81	1/4	3,695.56	1/4	3,334.31	1/4	2,973.07	1/4	2,611.82
1/2		1/2		1/2	5,118.65	1/2	4,771.78	1/2	4,410.53	1/2	4,049.29	1/2	3,688.04	1/2	3,326.79	1/2	2,965.54	1/2	2,604.29
3/4		3/4		3/4	5,114.55	3/4	4,764.25	3/4	4,403.00	3/4	4,041.76	3/4	3,680.51	3/4	3,319.26	3/4	2,958.01	3/4	2,596.76
9		9		9	5,109.08	9	4,756.73	9	4,395.48	9	4,034.23	9	3,672.98	9	3,311.74	9	2,950.49	9	2,589.24
1/4		1/4		1/4	5,103.61	1/4	4,749.20	1/4	4,387.95	1/4	4,026.71	1/4	3,665.46	1/4	3,304.21	1/4	2,942.96	1/4	2,581.71
1/2		1/2		1/2	5,098.13	1/2	4,741.68	1/2	4,380.43	1/2	4,019.18	1/2	3,657.93	1/2	3,296.69	1/2	2,935.44	1/2	2,574.19
3/4		3/4		3/4	5,092.66	3/4	4,734.15	3/4	4,372.90	3/4	4,011.65	3/4	3,650.40	3/4	3,289.16	3/4	2,927.91	3/4	2,566.66
10		10		10	5,085.82	10	4,726.62	10	4,365.38	10	4,004.13	10	3,642.88	10	3,281.63	10	2,920.38	10	2,559.14
1/4		1/4		1/4	5,078.98	1/4	4,719.10	1/4	4,357.85	1/4	3,996.60	1/4	3,635.35	1/4	3,274.11	1/4	2,912.86	1/4	2,551.61
1/2		1/2		1/2	5,072.13	1/2	4,711.57	1/2	4,350.33	1/2	3,989.08	1/2	3,627.83	1/2	3,266.58	1/2	2,905.33	1/2	2,544.09
3/4		3/4		3/4	5,065.29	3/4	4,704.04	3/4	4,342.80	3/4	3,981.55	3/4	3,620.30	3/4	3,259.05	3/4	2,897.80	3/4	2,536.56
11		11		11	5,057.77	11	4,696.52	11	4,335.27	11	3,974.02	11	3,612.78	11	3,251.53	11	2,890.28	11	2,529.03
1/4		1/4		1/4	5,050.24	1/4	4,688.99	1/4	4,327.75	1/4	3,966.50	1/4	3,605.25	1/4	3,244.00	1/4	2,882.75	1/4	2,521.51
1/2		1/2		1/2	5,042.72	1/2	4,681.47	1/2	4,320.22	1/2	3,958.97	1/2	3,597.73	1/2	3,236.48	1/2	2,875.23	1/2	2,513.98
3/4		3/4		3/4	5,035.19	3/4	4,673.94	3/4	4,312.69	3/4	3,951.44	3/4	3,590.20	3/4	3,228.95	3/4	2,867.70	3/4	2,506.45

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 13'-03" 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 2999"

2 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 16'-10 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	2,498.93	0	2,137.67	0	1,776.43	0	1,415.18	0	1,053.93	0	692.68	0	331.43	0		0		0	
1/4	2,491.40	1/4	2,130.15	1/4	1,768.90	1/4	1,407.65	1/4	1,046.41	1/4	685.16	1/4	323.91	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,483.88	1/2	2,122.62	1/2	1,761.38	1/2	1,400.13	1/2	1,038.88	1/2	677.63	1/2	316.38	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,476.35	3/4	2,115.10	3/4	1,753.85	3/4	1,392.60	3/4	1,031.36	3/4	670.11	3/4	308.86	3/4	3/4	3/4	3/4	3/4	3/4
1	2,468.82	1	2,107.57	1	1,746.32	1	1,385.07	1	1,023.83	1	662.58	1	301.33	1	1	1	1	1	1
1/4	2,461.30	1/4	2,100.05	1/4	1,738.80	1/4	1,377.55	1/4	1,016.30	1/4	655.05	1/4	293.81	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,453.77	1/2	2,092.52	1/2	1,731.27	1/2	1,370.02	1/2	1,008.78	1/2	647.53	1/2	286.28	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,446.24	3/4	2,085.00	3/4	1,723.75	3/4	1,362.50	3/4	1,001.25	3/4	640.00	3/4	278.76	3/4	3/4	3/4	3/4	3/4	3/4
2	2,438.72	2	2,077.47	2	1,716.22	2	1,354.97	2	993.72	2	632.47	2	271.23	2	2	2	2	2	2
1/4	2,431.19	1/4	2,069.94	1/4	1,708.69	1/4	1,347.45	1/4	986.20	1/4	624.95	1/4	263.70	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,423.67	1/2	2,062.42	1/2	1,701.17	1/2	1,339.92	1/2	978.67	1/2	617.42	1/2	256.18	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,416.14	3/4	2,054.89	3/4	1,693.64	3/4	1,332.40	3/4	971.15	3/4	609.90	3/4	248.65	3/4	3/4	3/4	3/4	3/4	3/4
3	2,408.62	3	2,047.36	3	1,686.11	3	1,324.87	3	963.62	3	602.37	3	241.12	3	3	3	3	3	3
1/4	2,401.09	1/4	2,039.84	1/4	1,678.59	1/4	1,317.34	1/4	956.09	1/4	594.85	1/4	233.60	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,393.57	1/2	2,032.31	1/2	1,671.06	1/2	1,309.82	1/2	948.57	1/2	587.32	1/2	226.07	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,386.04	3/4	2,024.79	3/4	1,663.54	3/4	1,302.29	3/4	941.04	3/4	579.80	3/4	218.55	3/4	3/4	3/4	3/4	3/4	3/4
4	2,378.51	4	2,017.26	4	1,656.01	4	1,294.76	4	933.51	4	572.27	4	211.02	4	4	4	4	4	4
1/4	2,370.99	1/4	2,009.73	1/4	1,648.49	1/4	1,287.24	1/4	925.99	1/4	564.74	1/4	203.49	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,363.46	1/2	2,002.21	1/2	1,640.96	1/2	1,279.71	1/2	918.46	1/2	557.22	1/2	195.97	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,355.93	3/4	1,994.68	3/4	1,633.44	3/4	1,272.19	3/4	910.94	3/4	549.69	3/4	188.44	3/4	3/4	3/4	3/4	3/4	3/4
5	2,348.40	5	1,987.15	5	1,625.91	5	1,264.66	5	903.41	5	542.16	5	180.91	5	5	5	5	5	5
1/4	2,340.88	1/4	1,979.63	1/4	1,618.38	1/4	1,257.13	1/4	895.89	1/4	534.64	1/4	173.39	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,333.35	1/2	1,972.10	1/2	1,610.86	1/2	1,249.61	1/2	888.36	1/2	527.11	1/2	165.86	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,325.83	3/4	1,964.58	3/4	1,603.33	3/4	1,242.08	3/4	880.84	3/4	519.59	3/4	158.34	3/4	3/4	3/4	3/4	3/4	3/4
6	2,318.30	6	1,957.05	6	1,595.80	6	1,234.55	6	873.31	6	512.06	6	150.81	6	6	6	6	6	6
1/4	2,310.77	1/4	1,949.53	1/4	1,588.28	1/4	1,227.03	1/4	865.78	1/4	504.53	1/4	143.29	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,303.25	1/2	1,942.00	1/2	1,580.75	1/2	1,219.50	1/2	858.26	1/2	497.01	1/2	135.76	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,295.72	3/4	1,934.48	3/4	1,573.23	3/4	1,211.98	3/4	850.73	3/4	489.48	3/4	128.24	3/4	3/4	3/4	3/4	3/4	3/4
7	2,288.19	7	1,926.95	7	1,565.70	7	1,204.45	7	843.20	7	481.95	7	120.71	7	7	7	7	7	7
1/4	2,280.67	1/4	1,919.42	1/4	1,558.17	1/4	1,196.93	1/4	835.68	1/4	474.43	1/4	113.18	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,273.14	1/2	1,911.90	1/2	1,550.65	1/2	1,189.40	1/2	828.15	1/2	466.90	1/2	105.66	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,265.62	3/4	1,904.37	3/4	1,543.12	3/4	1,181.88	3/4	820.63	3/4	459.38	3/4	98.13	3/4	3/4	3/4	3/4	3/4	3/4
8	2,258.09	8	1,896.84	8	1,535.59	8	1,174.35	8	813.10	8	451.85	8	90.60	8	8	8	8	8	8
1/4	2,250.57	1/4	1,889.32	1/4	1,528.07	1/4	1,166.82	1/4	805.57	1/4	444.33	1/4	83.08	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,243.04	1/2	1,881.79	1/2	1,520.54	1/2	1,159.30	1/2	798.05	1/2	436.80	1/2	75.55	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,235.52	3/4	1,874.27	3/4	1,513.02	3/4	1,151.77	3/4	790.52	3/4	429.28	3/4	68.03	3/4	3/4	3/4	3/4	3/4	3/4
9	2,227.99	9	1,866.74	9	1,505.49	9	1,144.24	9	782.99	9	421.75	9	61.55	9	9	9	9	9	9
1/4	2,220.46	1/4	1,859.21	1/4	1,497.97	1/4	1,136.72	1/4	775.47	1/4	414.22	1/4	55.07	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,212.94	1/2	1,851.69	1/2	1,490.44	1/2	1,129.19	1/2	767.94	1/2	406.70	1/2	48.59	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,205.41	3/4	1,844.16	3/4	1,482.92	3/4	1,121.67	3/4	760.42	3/4	399.17	3/4	42.11	3/4	3/4	3/4	3/4	3/4	3/4
10	2,197.88	10	1,836.63	10	1,475.39	10	1,114.14	10	752.89	10	391.64	10	37.09	10	10	10	10	10	10
1/4	2,190.36	1/4	1,829.11	1/4	1,467.86	1/4	1,106.61	1/4	745.37	1/4	384.12	1/4	32.08	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,182.83	1/2	1,821.58	1/2	1,460.34	1/2	1,099.09	1/2	737.84	1/2	376.59	1/2	27.06	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,175.31	3/4	1,814.06	3/4	1,452.81	3/4	1,091.56	3/4	730.32	3/4	369.07	3/4	22.05	3/4	3/4	3/4	3/4	3/4	3/4
11	2,167.78	11	1,806.53	11	1,445.28	11	1,084.03	11	722.79	11	361.54	11		11	11	11	11	11	11
1/4	2,160.25	1/4	1,799.01	1/4	1,437.76	1/4	1,076.51	1/4	715.26	1/4	354.01	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,152.73	1/2	1,791.48	1/2	1,430.23	1/2	1,068.98	1/2	707.74	1/2	346.49	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,145.20	3/4	1,783.96	3/4	1,422.71	3/4	1,061.46	3/4	700.21	3/4	338.96	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/22/2003 INSP
RECALCULATED: 05/01/2020 SW
REPRINTED: 05/01/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2020

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



BARGE "EBL 2999"

2 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	5,012.61	0	4,651.37	0	4,290.12	0	3,928.87	0	3,567.62	0	3,206.37	0	2,845.13
1/4		1/4		1/4		1/4	5,005.08	1/4	4,643.84	1/4	4,282.59	1/4	3,921.34	1/4	3,560.09	1/4	3,198.84	1/4	2,837.60
1/2		1/2		1/2		1/2	4,997.56	1/2	4,636.31	1/2	4,275.06	1/2	3,913.82	1/2	3,552.57	1/2	3,191.32	1/2	2,830.07
3/4		3/4		3/4		3/4	4,990.03	3/4	4,628.79	3/4	4,267.54	3/4	3,906.29	3/4	3,545.04	3/4	3,183.79	3/4	2,822.55
1		1		1		1	4,982.51	1	4,621.26	1	4,260.01	1	3,898.77	1	3,537.52	1	3,176.27	1	2,815.02
1/4		1/4		1/4		1/4	4,974.98	1/4	4,613.73	1/4	4,252.48	1/4	3,891.24	1/4	3,529.99	1/4	3,168.74	1/4	2,807.49
1/2		1/2		1/2		1/2	4,967.46	1/2	4,606.21	1/2	4,244.96	1/2	3,883.71	1/2	3,522.46	1/2	3,161.22	1/2	2,799.97
3/4		3/4		3/4		3/4	4,959.93	3/4	4,598.68	3/4	4,237.43	3/4	3,876.19	3/4	3,514.94	3/4	3,153.69	3/4	2,792.44
2		2		2		2	4,952.41	2	4,591.16	2	4,229.91	2	3,868.66	2	3,507.41	2	3,146.17	2	2,784.92
1/4		1/4		1/4		1/4	4,944.88	1/4	4,583.63	1/4	4,222.38	1/4	3,861.13	1/4	3,499.88	1/4	3,138.64	1/4	2,777.39
1/2		1/2		1/2		1/2	4,937.35	1/2	4,576.10	1/2	4,214.86	1/2	3,853.61	1/2	3,492.36	1/2	3,131.11	1/2	2,769.86
3/4		3/4		3/4		3/4	4,929.83	3/4	4,568.58	3/4	4,207.33	3/4	3,846.08	3/4	3,484.83	3/4	3,123.59	3/4	2,762.34
3		3		3		3	4,922.30	3	4,561.05	3	4,199.81	3	3,838.56	3	3,477.31	3	3,116.06	3	2,754.81
1/4		1/4		1/4		1/4	4,914.77	1/4	4,553.52	1/4	4,192.28	1/4	3,831.03	1/4	3,469.78	1/4	3,108.53	1/4	2,747.28
1/2		1/2		1/2		1/2	4,907.25	1/2	4,546.00	1/2	4,184.75	1/2	3,823.50	1/2	3,462.26	1/2	3,101.01	1/2	2,739.76
3/4		3/4		3/4		3/4	4,899.72	3/4	4,538.47	3/4	4,177.23	3/4	3,815.98	3/4	3,454.73	3/4	3,093.48	3/4	2,732.23
4		4		4		4	4,892.20	4	4,530.95	4	4,169.70	4	3,808.45	4	3,447.21	4	3,085.96	4	2,724.71
1/4		1/4		1/4		1/4	4,884.67	1/4	4,523.42	1/4	4,162.17	1/4	3,800.92	1/4	3,439.68	1/4	3,078.43	1/4	2,717.18
1/2		1/2		1/2		1/2	4,877.14	1/2	4,515.90	1/2	4,154.65	1/2	3,793.40	1/2	3,432.15	1/2	3,070.90	1/2	2,709.66
3/4		3/4		3/4		3/4	5,148.02	3/4	4,869.62	3/4	4,508.37	3/4	4,147.12	3/4	3,785.87	3/4	3,424.63	3/4	3,063.38
5		5		5		5	4,862.09	5	4,500.85	5	4,139.60	5	3,778.35	5	3,417.10	5	3,055.85	5	2,694.61
1/4		1/4		1/4		1/4	5,147.34	1/4	4,854.56	1/4	4,493.32	1/4	4,132.07	1/4	3,770.82	1/4	3,409.57	1/4	3,048.32
1/2		1/2		1/2		1/2	5,145.98	1/2	4,847.04	1/2	4,485.79	1/2	4,124.54	1/2	3,763.30	1/2	3,402.05	1/2	3,040.80
3/4		3/4		3/4		3/4	5,144.62	3/4	4,839.51	3/4	4,478.27	3/4	4,117.02	3/4	3,755.77	3/4	3,394.52	3/4	3,033.27
6		6		6		6	5,143.25	6	4,831.99	6	4,470.74	6	4,109.49	6	3,748.25	6	3,387.00	6	3,025.75
1/4		1/4		1/4		1/4	5,141.89	1/4	4,824.46	1/4	4,463.21	1/4	4,101.96	1/4	3,740.72	1/4	3,379.47	1/4	3,018.22
1/2		1/2		1/2		1/2	5,139.16	1/2	4,816.94	1/2	4,455.69	1/2	4,094.44	1/2	3,733.19	1/2	3,371.94	1/2	3,010.70
3/4		3/4		3/4		3/4	5,136.43	3/4	4,809.41	3/4	4,448.16	3/4	4,086.91	3/4	3,725.67	3/4	3,364.42	3/4	3,003.17
7		7		7		7	5,133.69	7	4,801.89	7	4,440.64	7	4,079.39	7	3,718.14	7	3,356.89	7	2,995.65
1/4		1/4		1/4		1/4	5,130.96	1/4	4,794.36	1/4	4,433.11	1/4	4,071.86	1/4	3,710.61	1/4	3,349.36	1/4	2,988.12
1/2		1/2		1/2		1/2	5,126.86	1/2	4,786.83	1/2	4,425.58	1/2	4,064.34	1/2	3,703.09	1/2	3,341.84	1/2	2,980.59
3/4		3/4		3/4		3/4	5,122.76	3/4	4,779.31	3/4	4,418.06	3/4	4,056.81	3/4	3,695.56	3/4	3,334.31	3/4	2,973.07
8		8		8		8	5,118.65	8	4,771.78	8	4,410.53	8	4,049.29	8	3,688.04	8	3,326.79	8	2,965.54
1/4		1/4		1/4		1/4	5,114.55	1/4	4,764.25	1/4	4,403.00	1/4	4,041.76	1/4	3,680.51	1/4	3,319.26	1/4	2,958.01
1/2		1/2		1/2		1/2	5,109.08	1/2	4,756.73	1/2	4,395.48	1/2	4,034.23	1/2	3,672.98	1/2	3,311.74	1/2	2,950.49
3/4		3/4		3/4		3/4	5,103.61	3/4	4,749.20	3/4	4,387.95	3/4	4,026.71	3/4	3,665.46	3/4	3,304.21	3/4	2,942.96
9		9		9		9	5,098.13	9	4,741.68	9	4,380.43	9	4,019.18	9	3,657.93	9	3,296.69	9	2,935.44
1/4		1/4		1/4		1/4	5,092.66	1/4	4,734.15	1/4	4,372.90	1/4	4,011.65	1/4	3,650.40	1/4	3,289.16	1/4	2,927.91
1/2		1/2		1/2		1/2	5,085.82	1/2	4,726.62	1/2	4,365.38	1/2	4,004.13	1/2	3,642.88	1/2	3,281.63	1/2	2,920.38
3/4		3/4		3/4		3/4	5,078.98	3/4	4,719.10	3/4	4,357.85	3/4	3,996.60	3/4	3,635.35	3/4	3,274.11	3/4	2,912.86
10		10		10		10	5,072.13	10	4,711.57	10	4,350.33	10	3,989.08	10	3,627.83	10	3,266.58	10	2,905.33
1/4		1/4		1/4		1/4	5,065.29	1/4	4,704.04	1/4	4,342.80	1/4	3,981.55	1/4	3,620.30	1/4	3,259.05	1/4	2,897.80
1/2		1/2		1/2		1/2	5,057.77	1/2	4,696.52	1/2	4,335.27	1/2	3,974.02	1/2	3,612.78	1/2	3,251.53	1/2	2,890.28
3/4		3/4		3/4		3/4	5,050.24	3/4	4,688.99	3/4	4,327.75	3/4	3,966.50	3/4	3,605.25	3/4	3,244.00	3/4	2,882.75
11		11		11		11	5,042.72	11	4,681.47	11	4,320.22	11	3,958.97	11	3,597.73	11	3,236.48	11	2,875.23
1/4		1/4		1/4		1/4	5,035.19	1/4	4,673.94	1/4	4,312.69	1/4	3,951.44	1/4	3,590.20	1/4	3,228.95	1/4	2,867.70
1/2		1/2		1/2		1/2	5,027.66	1/2	4,666.42	1/2	4,305.17	1/2	3,943.92	1/2	3,582.67	1/2	3,221.42	1/2	2,860.18
3/4		3/4		3/4		3/4	5,020.14	3/4	4,658.89	3/4	4,297.64	3/4	3,936.39	3/4	3,575.15	3/4	3,213.90	3/4	2,852.65

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 13'-03" 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 2999"

2 STBD

ULLAGE TABLE
HERMETIC

GAUGE HEIGHT 16'-10 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	2,483.88	0	2,122.62	0	1,761.38	0	1,400.13	0	1,038.88	0	677.63	0	316.38	0		0		0	
1/4	2,476.35	1/4	2,115.10	1/4	1,753.85	1/4	1,392.60	1/4	1,031.36	1/4	670.11	1/4	308.86	1/4		1/4		1/4	
1/2	2,468.82	1/2	2,107.57	1/2	1,746.32	1/2	1,385.07	1/2	1,023.83	1/2	662.58	1/2	301.33	1/2		1/2		1/2	
3/4	2,461.30	3/4	2,100.05	3/4	1,738.80	3/4	1,377.55	3/4	1,016.30	3/4	655.05	3/4	293.81	3/4		3/4		3/4	
1	2,453.77	1	2,092.52	1	1,731.27	1	1,370.02	1	1,008.78	1	647.53	1	286.28	1		1		1	
1/4	2,446.24	1/4	2,085.00	1/4	1,723.75	1/4	1,362.50	1/4	1,001.25	1/4	640.00	1/4	278.76	1/4		1/4		1/4	
1/2	2,438.72	1/2	2,077.47	1/2	1,716.22	1/2	1,354.97	1/2	993.72	1/2	632.47	1/2	271.23	1/2		1/2		1/2	
3/4	2,431.19	3/4	2,069.94	3/4	1,708.69	3/4	1,347.45	3/4	986.20	3/4	624.95	3/4	263.70	3/4		3/4		3/4	
2	2,423.67	2	2,062.42	2	1,701.17	2	1,339.92	2	978.67	2	617.42	2	256.18	2		2		2	
1/4	2,416.14	1/4	2,054.89	1/4	1,693.64	1/4	1,332.40	1/4	971.15	1/4	609.90	1/4	248.65	1/4		1/4		1/4	
1/2	2,408.62	1/2	2,047.36	1/2	1,686.11	1/2	1,324.87	1/2	963.62	1/2	602.37	1/2	241.12	1/2		1/2		1/2	
3/4	2,401.09	3/4	2,039.84	3/4	1,678.59	3/4	1,317.34	3/4	956.09	3/4	594.85	3/4	233.60	3/4		3/4		3/4	
3	2,393.57	3	2,032.31	3	1,671.06	3	1,309.82	3	948.57	3	587.32	3	226.07	3		3		3	
1/4	2,386.04	1/4	2,024.79	1/4	1,663.54	1/4	1,302.29	1/4	941.04	1/4	579.80	1/4	218.55	1/4		1/4		1/4	
1/2	2,378.51	1/2	2,017.26	1/2	1,656.01	1/2	1,294.76	1/2	933.51	1/2	572.27	1/2	211.02	1/2		1/2		1/2	
3/4	2,370.99	3/4	2,009.73	3/4	1,648.49	3/4	1,287.24	3/4	925.99	3/4	564.74	3/4	203.49	3/4		3/4		3/4	
4	2,363.46	4	2,002.21	4	1,640.96	4	1,279.71	4	918.46	4	557.22	4	195.97	4		4		4	
1/4	2,355.93	1/4	1,994.68	1/4	1,633.44	1/4	1,272.19	1/4	910.94	1/4	549.69	1/4	188.44	1/4		1/4		1/4	
1/2	2,348.40	1/2	1,987.15	1/2	1,625.91	1/2	1,264.66	1/2	903.41	1/2	542.16	1/2	180.91	1/2		1/2		1/2	
3/4	2,340.88	3/4	1,979.63	3/4	1,618.38	3/4	1,257.13	3/4	895.89	3/4	534.64	3/4	173.39	3/4		3/4		3/4	
5	2,333.35	5	1,972.10	5	1,610.86	5	1,249.61	5	888.36	5	527.11	5	165.86	5		5		5	
1/4	2,325.83	1/4	1,964.58	1/4	1,603.33	1/4	1,242.08	1/4	880.84	1/4	519.59	1/4	158.34	1/4		1/4		1/4	
1/2	2,318.30	1/2	1,957.05	1/2	1,595.80	1/2	1,234.55	1/2	873.31	1/2	512.06	1/2	150.81	1/2		1/2		1/2	
3/4	2,310.77	3/4	1,949.53	3/4	1,588.28	3/4	1,227.03	3/4	865.78	3/4	504.53	3/4	143.29	3/4		3/4		3/4	
6	2,303.25	6	1,942.00	6	1,580.75	6	1,219.50	6	858.26	6	497.01	6	135.76	6		6		6	
1/4	2,295.72	1/4	1,934.48	1/4	1,573.23	1/4	1,211.98	1/4	850.73	1/4	489.48	1/4	128.24	1/4		1/4		1/4	
1/2	2,288.19	1/2	1,926.95	1/2	1,565.70	1/2	1,204.45	1/2	843.20	1/2	481.95	1/2	120.71	1/2		1/2		1/2	
3/4	2,280.67	3/4	1,919.42	3/4	1,558.17	3/4	1,196.93	3/4	835.68	3/4	474.43	3/4	113.18	3/4		3/4		3/4	
7	2,273.14	7	1,911.90	7	1,550.65	7	1,189.40	7	828.15	7	466.90	7	105.66	7		7		7	
1/4	2,265.62	1/4	1,904.37	1/4	1,543.12	1/4	1,181.88	1/4	820.63	1/4	459.38	1/4	98.13	1/4		1/4		1/4	
1/2	2,258.09	1/2	1,896.84	1/2	1,535.59	1/2	1,174.35	1/2	813.10	1/2	451.85	1/2	90.60	1/2		1/2		1/2	
3/4	2,250.57	3/4	1,889.32	3/4	1,528.07	3/4	1,166.82	3/4	805.57	3/4	444.33	3/4	83.08	3/4		3/4		3/4	
8	2,243.04	8	1,881.79	8	1,520.54	8	1,159.30	8	798.05	8	436.80	8	75.55	8		8		8	
1/4	2,235.52	1/4	1,874.27	1/4	1,513.02	1/4	1,151.77	1/4	790.52	1/4	429.28	1/4	68.03	1/4		1/4		1/4	
1/2	2,227.99	1/2	1,866.74	1/2	1,505.49	1/2	1,144.24	1/2	782.99	1/2	421.75	1/2	61.55	1/2		1/2		1/2	
3/4	2,220.46	3/4	1,859.21	3/4	1,497.97	3/4	1,136.72	3/4	775.47	3/4	414.22	3/4	55.07	3/4		3/4		3/4	
9	2,212.94	9	1,851.69	9	1,490.44	9	1,129.19	9	767.94	9	406.70	9	48.59	9		9		9	
1/4	2,205.41	1/4	1,844.16	1/4	1,482.92	1/4	1,121.67	1/4	760.42	1/4	399.17	1/4	42.11	1/4		1/4		1/4	
1/2	2,197.88	1/2	1,836.63	1/2	1,475.39	1/2	1,114.14	1/2	752.89	1/2	391.64	1/2	37.09	1/2		1/2		1/2	
3/4	2,190.36	3/4	1,829.11	3/4	1,467.86	3/4	1,106.61	3/4	745.37	3/4	384.12	3/4	32.08	3/4		3/4		3/4	
10	2,182.83	10	1,821.58	10	1,460.34	10	1,099.09	10	737.84	10	376.59	10	27.06	10		10		10	
1/4	2,175.31	1/4	1,814.06	1/4	1,452.81	1/4	1,091.56	1/4	730.32	1/4	369.07	1/4	22.05	1/4		1/4		1/4	
1/2	2,167.78	1/2	1,806.53	1/2	1,445.28	1/2	1,084.03	1/2	722.79	1/2	361.54	1/2		1/2		1/2		1/2	
3/4	2,160.25	3/4	1,799.01	3/4	1,437.76	3/4	1,076.51	3/4	715.26	3/4	354.01	3/4		3/4		3/4		3/4	
11	2,152.73	11	1,791.48	11	1,430.23	11	1,068.98	11	707.74	11	346.49	11		11		11		11	
1/4	2,145.20	1/4	1,783.96	1/4	1,422.71	1/4	1,061.46	1/4	700.21	1/4	338.96	1/4		1/4		1/4		1/4	
1/2	2,137.67	1/2	1,776.43	1/2	1,415.18	1/2	1,053.93	1/2	692.68	1/2	331.43	1/2		1/2		1/2		1/2	
3/4	2,130.15	3/4	1,768.90	3/4	1,407.65	3/4	1,046.41	3/4	685.16	3/4	323.91	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/22/2003 INSP
RECALCULATED: 05/01/2020 SW
REPRINTED: 05/01/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2020

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BARGE "EBL 2999"

3 PORT ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 16'-11 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	4,404.83	0	4,235.26	0	4,065.53	0	3,895.80	0	3,713.81	0	3,353.51	0	2,980.93
1/4		1/4		1/4		1/4	4,401.45	1/4	4,231.72	1/4	4,061.99	1/4	3,892.26	1/4	3,708.35	1/4	3,345.75	1/4	2,973.17
1/2		1/2		1/2		1/2	4,397.91	1/2	4,228.19	1/2	4,058.46	1/2	3,888.73	1/2	3,702.13	1/2	3,337.99	1/2	2,965.41
3/4		3/4		3/4		3/4	4,394.38	3/4	4,224.65	3/4	4,054.92	3/4	3,885.19	3/4	3,695.91	3/4	3,330.23	3/4	2,957.65
1		1		1		1	4,390.84	1	4,221.12	1	4,051.39	1	3,881.66	1	3,689.68	1	3,322.46	1	2,949.88
1/4		1/4		1/4		1/4	4,387.30	1/4	4,217.58	1/4	4,047.85	1/4	3,878.12	1/4	3,683.46	1/4	3,314.70	1/4	2,942.12
1/2		1/2		1/2		1/2	4,383.77	1/2	4,214.04	1/2	4,044.31	1/2	3,874.59	1/2	3,676.46	1/2	3,306.94	1/2	2,934.36
3/4		3/4		3/4		3/4	4,380.23	3/4	4,210.51	3/4	4,040.78	3/4	3,871.05	3/4	3,669.47	3/4	3,299.18	3/4	2,926.60
2		2		2		2	4,376.70	2	4,206.97	2	4,037.24	2	3,867.52	2	3,662.47	2	3,291.41	2	2,918.84
1/4		1/4		1/4		1/4	4,373.16	1/4	4,203.43	1/4	4,033.70	1/4	3,863.98	1/4	3,655.47	1/4	3,283.65	1/4	2,911.08
1/2		1/2		1/2		1/2	4,369.63	1/2	4,199.90	1/2	4,030.17	1/2	3,860.44	1/2	3,647.90	1/2	3,275.89	1/2	2,903.32
3/4		3/4		3/4		3/4	4,366.09	3/4	4,196.36	3/4	4,026.63	3/4	3,856.91	3/4	3,640.33	3/4	3,268.13	3/4	2,895.56
3		3		3		3	4,362.56	3	4,192.83	3	4,023.10	3	3,853.37	3	3,632.75	3	3,260.36	3	2,887.79
1/4		1/4		1/4		1/4	4,359.02	1/4	4,189.29	1/4	4,019.56	1/4	3,849.83	1/4	3,625.18	1/4	3,252.60	1/4	2,880.03
1/2		1/2		1/2		1/2	4,355.48	1/2	4,185.75	1/2	4,016.03	1/2	3,846.30	1/2	3,617.42	1/2	3,244.84	1/2	2,872.27
3/4		3/4		3/4		3/4	4,351.95	3/4	4,182.22	3/4	4,012.49	3/4	3,842.76	3/4	3,609.66	3/4	3,237.08	3/4	2,864.51
4		4		4		4	4,348.41	4	4,178.68	4	4,008.96	4	3,839.23	4	3,601.89	4	3,229.32	4	2,856.74
1/4		1/4		1/4		1/4	4,344.87	1/4	4,175.14	1/4	4,005.42	1/4	3,835.69	1/4	3,594.13	1/4	3,221.56	1/4	2,848.98
1/2		1/2		1/2		1/2	4,341.34	1/2	4,171.61	1/2	4,001.88	1/2	3,832.15	1/2	3,586.37	1/2	3,213.80	1/2	2,841.22
3/4		3/4		3/4		3/4	4,337.80	3/4	4,168.07	3/4	3,998.35	3/4	3,828.62	3/4	3,578.61	3/4	3,206.04	3/4	2,833.46
5		5		5		5	4,334.27	5	4,164.54	5	3,994.81	5	3,825.08	5	3,570.84	5	3,198.27	5	2,825.69
1/4		1/4		1/4		1/4	4,330.73	1/4	4,161.00	1/4	3,991.27	1/4	3,821.54	1/4	3,563.08	1/4	3,190.51	1/4	2,817.93
1/2		1/2		1/2		1/2	4,327.19	1/2	4,157.47	1/2	3,987.74	1/2	3,818.01	1/2	3,555.32	1/2	3,182.75	1/2	2,810.17
3/4		3/4		3/4		3/4	4,323.66	3/4	4,153.93	3/4	3,984.20	3/4	3,814.47	3/4	3,547.56	3/4	3,174.99	3/4	2,802.41
6		6		6		6	4,320.12	6	4,150.40	6	3,980.67	6	3,810.94	6	3,539.80	6	3,167.22	6	2,794.64
1/4		1/4		1/4	4,447.41	1/4	4,316.58	1/4	4,146.86	1/4	3,977.13	1/4	3,807.40	1/4	3,532.04	1/4	3,159.46	1/4	2,786.88
1/2		1/2		1/2	4,447.01	1/2	4,313.05	1/2	4,143.32	1/2	3,973.59	1/2	3,803.87	1/2	3,524.28	1/2	3,151.70	1/2	2,779.12
3/4		3/4		3/4	4,446.61	3/4	4,309.51	3/4	4,139.79	3/4	3,970.06	3/4	3,800.33	3/4	3,516.52	3/4	3,143.94	3/4	2,771.36
7		7		7	4,446.20	7	4,305.98	7	4,136.25	7	3,966.52	7	3,796.80	7	3,508.75	7	3,136.17	7	2,763.60
1/4		1/4		1/4	4,445.80	1/4	4,302.44	1/4	4,132.71	1/4	3,962.98	1/4	3,793.26	1/4	3,500.99	1/4	3,128.41	1/4	2,755.84
1/2		1/2		1/2	4,444.84	1/2	4,298.91	1/2	4,129.18	1/2	3,959.45	1/2	3,789.72	1/2	3,493.23	1/2	3,120.65	1/2	2,748.08
3/4		3/4		3/4	4,443.88	3/4	4,295.37	3/4	4,125.64	3/4	3,955.91	3/4	3,786.19	3/4	3,485.47	3/4	3,112.89	3/4	2,740.32
8		8		8	4,442.91	8	4,291.84	8	4,122.11	8	3,952.38	8	3,782.65	8	3,477.70	8	3,105.12	8	2,732.55
1/4		1/4		1/4	4,441.95	1/4	4,288.30	1/4	4,118.57	1/4	3,948.84	1/4	3,779.11	1/4	3,469.94	1/4	3,097.36	1/4	2,724.79
1/2		1/2		1/2	4,440.34	1/2	4,284.76	1/2	4,115.03	1/2	3,945.31	1/2	3,775.58	1/2	3,462.18	1/2	3,089.60	1/2	2,717.03
3/4		3/4		3/4	4,438.74	3/4	4,281.23	3/4	4,111.50	3/4	3,941.77	3/4	3,772.04	3/4	3,454.42	3/4	3,081.84	3/4	2,709.27
9		9		9	4,437.13	9	4,277.69	9	4,107.96	9	3,938.24	9	3,768.51	9	3,446.65	9	3,074.08	9	2,701.50
1/4		1/4		1/4	4,435.52	1/4	4,274.15	1/4	4,104.42	1/4	3,934.70	1/4	3,764.97	1/4	3,438.89	1/4	3,066.32	1/4	2,693.74
1/2		1/2		1/2	4,433.27	1/2	4,270.62	1/2	4,100.88	1/2	3,931.16	1/2	3,760.96	1/2	3,431.13	1/2	3,058.56	1/2	2,685.98
3/4		3/4		3/4	4,431.02	3/4	4,267.08	3/4	4,097.35	3/4	3,927.63	3/4	3,756.95	3/4	3,423.37	3/4	3,050.80	3/4	2,678.22
10		10		10	4,428.77	10	4,263.55	10	4,093.82	10	3,924.09	10	3,752.94	10	3,415.60	10	3,043.03	10	2,670.45
1/4		1/4		1/4	4,426.52	1/4	4,260.01	1/4	4,090.28	1/4	3,920.55	1/4	3,748.93	1/4	3,407.84	1/4	3,035.27	1/4	2,662.69
1/2		1/2		1/2	4,423.63	1/2	4,256.47	1/2	4,086.75	1/2	3,917.02	1/2	3,744.24	1/2	3,400.08	1/2	3,027.51	1/2	2,654.93
3/4		3/4		3/4	4,420.74	3/4	4,252.94	3/4	4,083.21	3/4	3,913.48	3/4	3,739.56	3/4	3,392.32	3/4	3,019.75	3/4	2,647.17
11		11		11	4,417.84	11	4,249.40	11	4,079.68	11	3,909.95	11	3,734.87	11	3,384.56	11	3,011.98	11	2,639.40
1/4		1/4		1/4	4,414.95	1/4	4,245.86	1/4	4,076.14	1/4	3,906.41	1/4	3,730.18	1/4	3,376.80	1/4	3,004.22	1/4	2,631.64
1/2		1/2		1/2	4,411.58	1/2	4,242.33	1/2	4,072.60	1/2	3,902.87	1/2	3,724.72	1/2	3,369.04	1/2	2,996.46	1/2	2,623.88
3/4		3/4		3/4	4,408.20	3/4	4,238.79	3/4	4,069.07	3/4	3,899.34	3/4	3,719.27	3/4	3,361.28	3/4	2,988.70	3/4	2,616.12

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 13'-03" OFF CENTERLINE AND 66'-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 2999"

3 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 16'-11 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	2,608.36	0	2,235.78	0	1,863.20	0	1,490.63	0	1,118.05	0	745.48	0	372.90	0		0		0	
1/4	2,600.60	1/4	2,228.02	1/4	1,855.44	1/4	1,482.87	1/4	1,110.29	1/4	737.72	1/4	365.14	1/4		1/4		1/4	
1/2	2,592.84	1/2	2,220.26	1/2	1,847.68	1/2	1,475.11	1/2	1,102.53	1/2	729.96	1/2	357.38	1/2		1/2		1/2	
3/4	2,585.08	3/4	2,212.50	3/4	1,839.92	3/4	1,467.35	3/4	1,094.77	3/4	722.20	3/4	349.62	3/4		3/4		3/4	
1	2,577.31	1	2,204.73	1	1,832.16	1	1,459.58	1	1,087.00	1	714.43	1	341.85	1		1		1	
1/4	2,569.55	1/4	2,196.97	1/4	1,824.40	1/4	1,451.82	1/4	1,079.24	1/4	706.67	1/4	334.09	1/4		1/4		1/4	
1/2	2,561.79	1/2	2,189.21	1/2	1,816.64	1/2	1,444.06	1/2	1,071.48	1/2	698.91	1/2	326.33	1/2		1/2		1/2	
3/4	2,554.03	3/4	2,181.45	3/4	1,808.88	3/4	1,436.30	3/4	1,063.72	3/4	691.15	3/4	318.57	3/4		3/4		3/4	
2	2,546.26	2	2,173.68	2	1,801.11	2	1,428.53	2	1,055.96	2	683.38	2	310.80	2		2		2	
1/4	2,538.50	1/4	2,165.92	1/4	1,793.35	1/4	1,420.77	1/4	1,048.20	1/4	675.62	1/4	303.04	1/4		1/4		1/4	
1/2	2,530.74	1/2	2,158.16	1/2	1,785.59	1/2	1,413.01	1/2	1,040.44	1/2	667.86	1/2	295.28	1/2		1/2		1/2	
3/4	2,522.98	3/4	2,150.40	3/4	1,777.83	3/4	1,405.25	3/4	1,032.68	3/4	660.10	3/4	287.52	3/4		3/4		3/4	
3	2,515.21	3	2,142.64	3	1,770.06	3	1,397.48	3	1,024.91	3	652.33	3	279.76	3		3		3	
1/4	2,507.45	1/4	2,134.88	1/4	1,762.30	1/4	1,389.72	1/4	1,017.15	1/4	644.57	1/4	272.00	1/4		1/4		1/4	
1/2	2,499.69	1/2	2,127.12	1/2	1,754.54	1/2	1,381.96	1/2	1,009.39	1/2	636.81	1/2	264.24	1/2		1/2		1/2	
3/4	2,491.93	3/4	2,119.36	3/4	1,746.78	3/4	1,374.20	3/4	1,001.63	3/4	629.05	3/4	256.48	3/4		3/4		3/4	
4	2,484.16	4	2,111.59	4	1,739.01	4	1,366.44	4	993.86	4	621.28	4	248.71	4		4		4	
1/4	2,476.40	1/4	2,103.83	1/4	1,731.25	1/4	1,358.68	1/4	986.10	1/4	613.52	1/4	240.95	1/4		1/4		1/4	
1/2	2,468.64	1/2	2,096.07	1/2	1,723.49	1/2	1,350.92	1/2	978.34	1/2	605.76	1/2	233.19	1/2		1/2		1/2	
3/4	2,460.88	3/4	2,088.31	3/4	1,715.73	3/4	1,343.16	3/4	970.58	3/4	598.00	3/4	225.43	3/4		3/4		3/4	
5	2,453.12	5	2,080.54	5	1,707.96	5	1,335.39	5	962.81	5	590.24	5	217.66	5		5		5	
1/4	2,445.36	1/4	2,072.78	1/4	1,700.20	1/4	1,327.63	1/4	955.05	1/4	582.48	1/4	209.90	1/4		1/4		1/4	
1/2	2,437.60	1/2	2,065.02	1/2	1,692.44	1/2	1,319.87	1/2	947.29	1/2	574.72	1/2	202.14	1/2		1/2		1/2	
3/4	2,429.84	3/4	2,057.26	3/4	1,684.68	3/4	1,312.11	3/4	939.53	3/4	566.96	3/4	194.38	3/4		3/4		3/4	
6	2,422.07	6	2,049.49	6	1,676.92	6	1,304.34	6	931.76	6	559.19	6	186.61	6		6		6	
1/4	2,414.31	1/4	2,041.73	1/4	1,669.16	1/4	1,296.58	1/4	924.00	1/4	551.43	1/4	178.85	1/4		1/4		1/4	
1/2	2,406.55	1/2	2,033.97	1/2	1,661.40	1/2	1,288.82	1/2	916.24	1/2	543.67	1/2	171.09	1/2		1/2		1/2	
3/4	2,398.79	3/4	2,026.21	3/4	1,653.64	3/4	1,281.06	3/4	908.48	3/4	535.91	3/4	163.33	3/4		3/4		3/4	
7	2,391.02	7	2,018.44	7	1,645.87	7	1,273.29	7	900.72	7	528.14	7	155.56	7		7		7	
1/4	2,383.26	1/4	2,010.68	1/4	1,638.11	1/4	1,265.53	1/4	892.96	1/4	520.38	1/4	147.80	1/4		1/4		1/4	
1/2	2,375.50	1/2	2,002.92	1/2	1,630.35	1/2	1,257.77	1/2	885.20	1/2	512.62	1/2	140.04	1/2		1/2		1/2	
3/4	2,367.74	3/4	1,995.16	3/4	1,622.59	3/4	1,250.01	3/4	877.44	3/4	504.86	3/4	132.28	3/4		3/4		3/4	
8	2,359.97	8	1,987.40	8	1,614.82	8	1,242.24	8	869.67	8	497.09	8	124.52	8		8		8	
1/4	2,352.21	1/4	1,979.64	1/4	1,607.06	1/4	1,234.48	1/4	861.91	1/4	489.33	1/4	116.76	1/4		1/4		1/4	
1/2	2,344.45	1/2	1,971.88	1/2	1,599.30	1/2	1,226.72	1/2	854.15	1/2	481.57	1/2	109.00	1/2		1/2		1/2	
3/4	2,336.69	3/4	1,964.12	3/4	1,591.54	3/4	1,218.96	3/4	846.39	3/4	473.81	3/4	101.24	3/4		3/4		3/4	
9	2,328.92	9	1,956.35	9	1,583.77	9	1,211.20	9	838.62	9	466.04	9	93.47	9		9		9	
1/4	2,321.16	1/4	1,948.59	1/4	1,576.01	1/4	1,203.44	1/4	830.86	1/4	458.28	1/4	85.71	1/4		1/4		1/4	
1/2	2,313.40	1/2	1,940.83	1/2	1,568.25	1/2	1,195.68	1/2	823.10	1/2	450.52	1/2	78.16	1/2		1/2		1/2	
3/4	2,305.64	3/4	1,933.07	3/4	1,560.49	3/4	1,187.92	3/4	815.34	3/4	442.76	3/4	70.62	3/4		3/4		3/4	
10	2,297.88	10	1,925.30	10	1,552.72	10	1,180.15	10	807.57	10	435.00	10	63.07	10		10		10	
1/4	2,290.12	1/4	1,917.54	1/4	1,544.96	1/4	1,172.39	1/4	799.81	1/4	427.24	1/4	55.52	1/4		1/4		1/4	
1/2	2,282.36	1/2	1,909.78	1/2	1,537.20	1/2	1,164.63	1/2	792.05	1/2	419.48	1/2	49.49	1/2		1/2		1/2	
3/4	2,274.60	3/4	1,902.02	3/4	1,529.44	3/4	1,156.87	3/4	784.29	3/4	411.72	3/4	43.45	3/4		3/4		3/4	
11	2,266.83	11	1,894.25	11	1,521.68	11	1,149.10	11	776.52	11	403.95	11	37.42	11		11		11	
1/4	2,259.07	1/4	1,886.49	1/4	1,513.92	1/4	1,141.34	1/4	768.76	1/4	396.19	1/4	31.38	1/4		1/4		1/4	
1/2	2,251.31	1/2	1,878.73	1/2	1,506.16	1/2	1,133.58	1/2	761.00	1/2	388.43	1/2		1/2		1/2		1/2	
3/4	2,243.55	3/4	1,870.97	3/4	1,498.40	3/4	1,125.82	3/4	753.24	3/4	380.67	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/22/2003 INSP
RECALCULATED: 05/01/2020 SW
REPRINTED: 05/01/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2020

PRECISION MEASUREMENT
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BARGE "EBL 2999"

3 STBD ULLAGE TABLE

HERMETIC GAUGE HEIGHT 16'-11"

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	4,401.45	0	4,231.72	0	4,061.99	0	3,892.26	0	3,708.35	0	3,345.75	0	2,973.17
1/4		1/4		1/4		1/4	4,397.91	1/4	4,228.19	1/4	4,058.46	1/4	3,888.73	1/4	3,702.13	1/4	3,337.99	1/4	2,965.41
1/2		1/2		1/2		1/2	4,394.38	1/2	4,224.65	1/2	4,054.92	1/2	3,885.19	1/2	3,695.91	1/2	3,330.23	1/2	2,957.65
3/4		3/4		3/4		3/4	4,390.84	3/4	4,221.12	3/4	4,051.39	3/4	3,881.66	3/4	3,689.68	3/4	3,322.46	3/4	2,949.88
1		1		1		1	4,217.30	1	4,217.58	1	4,047.85	1	3,878.12	1	3,683.46	1	3,314.70	1	2,942.12
1/4		1/4		1/4		1/4	4,383.77	1/4	4,214.04	1/4	4,044.31	1/4	3,874.59	1/4	3,676.46	1/4	3,306.94	1/4	2,934.36
1/2		1/2		1/2		1/2	4,380.23	1/2	4,210.51	1/2	4,040.78	1/2	3,871.05	1/2	3,669.47	1/2	3,299.18	1/2	2,926.60
3/4		3/4		3/4		3/4	4,376.70	3/4	4,206.97	3/4	4,037.24	3/4	3,867.52	3/4	3,662.47	3/4	3,291.41	3/4	2,918.84
2		2		2		2	4,373.16	2	4,203.43	2	4,033.70	2	3,863.98	2	3,655.47	2	3,283.65	2	2,911.08
1/4		1/4		1/4		1/4	4,369.63	1/4	4,199.90	1/4	4,030.17	1/4	3,860.44	1/4	3,647.90	1/4	3,275.89	1/4	2,903.32
1/2		1/2		1/2		1/2	4,366.09	1/2	4,196.36	1/2	4,026.63	1/2	3,856.91	1/2	3,640.33	1/2	3,268.13	1/2	2,895.56
3/4		3/4		3/4		3/4	4,362.56	3/4	4,192.83	3/4	4,023.10	3/4	3,853.37	3/4	3,632.75	3/4	3,260.36	3/4	2,887.79
3		3		3		3	4,359.02	3	4,189.29	3	4,019.56	3	3,849.83	3	3,625.18	3	3,252.60	3	2,880.03
1/4		1/4		1/4		1/4	4,355.48	1/4	4,185.75	1/4	4,016.03	1/4	3,846.30	1/4	3,617.42	1/4	3,244.84	1/4	2,872.27
1/2		1/2		1/2		1/2	4,351.95	1/2	4,182.22	1/2	4,012.49	1/2	3,842.76	1/2	3,609.66	1/2	3,237.08	1/2	2,864.51
3/4		3/4		3/4		3/4	4,348.41	3/4	4,178.68	3/4	4,008.96	3/4	3,839.23	3/4	3,601.89	3/4	3,229.32	3/4	2,856.74
4		4		4		4	4,344.87	4	4,175.14	4	4,005.42	4	3,835.69	4	3,594.13	4	3,221.56	4	2,848.98
1/4		1/4		1/4		1/4	4,341.34	1/4	4,171.61	1/4	4,001.88	1/4	3,832.15	1/4	3,586.37	1/4	3,213.80	1/4	2,841.22
1/2		1/2		1/2		1/2	4,337.80	1/2	4,168.07	1/2	3,998.35	1/2	3,828.62	1/2	3,578.61	1/2	3,206.04	1/2	2,833.46
3/4		3/4		3/4		3/4	4,334.27	3/4	4,164.54	3/4	3,994.81	3/4	3,825.08	3/4	3,570.84	3/4	3,198.27	3/4	2,825.69
5		5		5		5	4,330.73	5	4,161.00	5	3,991.27	5	3,821.54	5	3,563.08	5	3,190.51	5	2,817.93
1/4		1/4		1/4		1/4	4,327.19	1/4	4,157.47	1/4	3,987.74	1/4	3,818.01	1/4	3,555.32	1/4	3,182.75	1/4	2,810.17
1/2		1/2		1/2		1/2	4,323.66	1/2	4,153.93	1/2	3,984.20	1/2	3,814.47	1/2	3,547.56	1/2	3,174.99	1/2	2,802.41
3/4		3/4		3/4		3/4	4,320.12	3/4	4,150.40	3/4	3,980.67	3/4	3,810.94	3/4	3,539.80	3/4	3,167.22	3/4	2,794.64
6		6		6	4,447.41	6	4,316.58	6	4,146.86	6	3,977.13	6	3,807.40	6	3,532.04	6	3,159.46	6	2,786.88
1/4		1/4		1/4	4,447.01	1/4	4,313.05	1/4	4,143.32	1/4	3,973.59	1/4	3,803.87	1/4	3,524.28	1/4	3,151.70	1/4	2,779.12
1/2		1/2		1/2	4,446.61	1/2	4,309.51	1/2	4,139.79	1/2	3,970.06	1/2	3,800.33	1/2	3,516.52	1/2	3,143.94	1/2	2,771.36
3/4		3/4		3/4	4,446.20	3/4	4,305.98	3/4	4,136.25	3/4	3,966.52	3/4	3,796.80	3/4	3,508.75	3/4	3,136.17	3/4	2,763.60
7		7		7	4,445.80	7	4,302.44	7	4,132.71	7	3,962.98	7	3,793.26	7	3,500.99	7	3,128.41	7	2,755.84
1/4		1/4		1/4	4,444.84	1/4	4,298.91	1/4	4,129.18	1/4	3,959.45	1/4	3,789.72	1/4	3,493.23	1/4	3,120.65	1/4	2,748.08
1/2		1/2		1/2	4,443.88	1/2	4,295.37	1/2	4,125.64	1/2	3,955.91	1/2	3,786.19	1/2	3,485.47	1/2	3,112.89	1/2	2,740.32
3/4		3/4		3/4	4,442.91	3/4	4,291.84	3/4	4,122.11	3/4	3,952.38	3/4	3,782.65	3/4	3,477.70	3/4	3,105.12	3/4	2,732.55
8		8		8	4,441.95	8	4,288.30	8	4,118.57	8	3,948.84	8	3,779.11	8	3,469.94	8	3,097.36	8	2,724.79
1/4		1/4		1/4	4,440.34	1/4	4,284.76	1/4	4,115.03	1/4	3,945.31	1/4	3,775.58	1/4	3,462.18	1/4	3,089.60	1/4	2,717.03
1/2		1/2		1/2	4,438.74	1/2	4,281.23	1/2	4,111.50	1/2	3,941.77	1/2	3,772.04	1/2	3,454.42	1/2	3,081.84	1/2	2,709.27
3/4		3/4		3/4	4,437.13	3/4	4,277.69	3/4	4,107.96	3/4	3,938.24	3/4	3,768.51	3/4	3,446.65	3/4	3,074.08	3/4	2,701.50
9		9		9	4,435.52	9	4,274.15	9	4,104.42	9	3,934.70	9	3,764.97	9	3,438.89	9	3,066.32	9	2,693.74
1/4		1/4		1/4	4,433.27	1/4	4,270.62	1/4	4,100.88	1/4	3,931.16	1/4	3,761.44	1/4	3,431.13	1/4	3,058.56	1/4	2,685.98
1/2		1/2		1/2	4,431.02	1/2	4,267.08	1/2	4,097.35	1/2	3,927.63	1/2	3,756.95	1/2	3,423.37	1/2	3,050.80	1/2	2,678.22
3/4		3/4		3/4	4,428.77	3/4	4,263.55	3/4	4,093.82	3/4	3,924.09	3/4	3,752.94	3/4	3,415.60	3/4	3,043.03	3/4	2,670.45
10		10		10	4,426.52	10	4,260.01	10	4,090.28	10	3,920.55	10	3,748.93	10	3,407.84	10	3,035.27	10	2,662.69
1/4		1/4		1/4	4,423.63	1/4	4,256.47	1/4	4,086.75	1/4	3,917.02	1/4	3,744.24	1/4	3,400.08	1/4	3,027.51	1/4	2,654.93
1/2		1/2		1/2	4,420.74	1/2	4,252.94	1/2	4,083.21	1/2	3,913.48	1/2	3,739.56	1/2	3,392.32	1/2	3,019.75	1/2	2,647.17
3/4		3/4		3/4	4,417.84	3/4	4,249.40	3/4	4,079.68	3/4	3,909.95	3/4	3,734.87	3/4	3,384.56	3/4	3,011.98	3/4	2,639.40
11		11		11	4,414.95	11	4,245.86	11	4,076.14	11	3,906.41	11	3,730.18	11	3,376.80	11	3,004.22	11	2,631.64
1/4		1/4		1/4	4,411.58	1/4	4,242.33	1/4	4,072.60	1/4	3,902.87	1/4	3,724.72	1/4	3,369.04	1/4	2,996.46	1/4	2,623.88
1/2		1/2		1/2	4,408.20	1/2	4,238.79	1/2	4,069.07	1/2	3,899.34	1/2	3,719.27	1/2	3,361.28	1/2	2,988.70	1/2	2,616.12
3/4		3/4		3/4	4,404.83	3/4	4,235.26	3/4	4,065.53	3/4	3,895.80	3/4	3,713.81	3/4	3,353.51	3/4	2,980.93	3/4	2,608.36

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 13'-03" OFF CENTERLINE AND 66'-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 2999"

3 STBD

ULLAGE TABLE
HERMETIC

GAUGE HEIGHT 16'-11"

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	2,600.60	0	2,228.02	0	1,855.44	0	1,482.87	0	1,110.29	0	737.72	0	365.14	0		0		0	
1/4	2,592.84	1/4	2,220.26	1/4	1,847.68	1/4	1,475.11	1/4	1,102.53	1/4	729.96	1/4	357.38	1/4	1/4	1/4		1/4	1/4
1/2	2,585.08	1/2	2,212.50	1/2	1,839.92	1/2	1,467.35	1/2	1,094.77	1/2	722.20	1/2	349.62	1/2	1/2	1/2		1/2	1/2
3/4	2,577.31	3/4	2,204.73	3/4	1,832.16	3/4	1,459.58	3/4	1,087.00	3/4	714.43	3/4	341.85	3/4	3/4	3/4		3/4	3/4
1	2,569.55	1	2,196.97	1	1,824.40	1	1,451.82	1	1,079.24	1	706.67	1	334.09	1	1	1		1	1
1/4	2,561.79	1/4	2,189.21	1/4	1,816.64	1/4	1,444.06	1/4	1,071.48	1/4	698.91	1/4	326.33	1/4	1/4	1/4		1/4	1/4
1/2	2,554.03	1/2	2,181.45	1/2	1,808.88	1/2	1,436.30	1/2	1,063.72	1/2	691.15	1/2	318.57	1/2	1/2	1/2		1/2	1/2
3/4	2,546.26	3/4	2,173.68	3/4	1,801.11	3/4	1,428.53	3/4	1,055.96	3/4	683.38	3/4	310.80	3/4	3/4	3/4		3/4	3/4
2	2,538.50	2	2,165.92	2	1,793.35	2	1,420.77	2	1,048.20	2	675.62	2	303.04	2	2	2		2	2
1/4	2,530.74	1/4	2,158.16	1/4	1,785.59	1/4	1,413.01	1/4	1,040.44	1/4	667.86	1/4	295.28	1/4	1/4	1/4		1/4	1/4
1/2	2,522.98	1/2	2,150.40	1/2	1,777.83	1/2	1,405.25	1/2	1,032.68	1/2	660.10	1/2	287.52	1/2	1/2	1/2		1/2	1/2
3/4	2,515.21	3/4	2,142.64	3/4	1,770.06	3/4	1,397.48	3/4	1,024.91	3/4	652.33	3/4	279.76	3/4	3/4	3/4		3/4	3/4
3	2,507.45	3	2,134.88	3	1,762.30	3	1,389.72	3	1,017.15	3	644.57	3	272.00	3	3	3		3	3
1/4	2,499.69	1/4	2,127.12	1/4	1,754.54	1/4	1,381.96	1/4	1,009.39	1/4	636.81	1/4	264.24	1/4	1/4	1/4		1/4	1/4
1/2	2,491.93	1/2	2,119.36	1/2	1,746.78	1/2	1,374.20	1/2	1,001.63	1/2	629.05	1/2	256.48	1/2	1/2	1/2		1/2	1/2
3/4	2,484.16	3/4	2,111.59	3/4	1,739.01	3/4	1,366.44	3/4	993.86	3/4	621.28	3/4	248.71	3/4	3/4	3/4		3/4	3/4
4	2,476.40	4	2,103.83	4	1,731.25	4	1,358.68	4	986.10	4	613.52	4	240.95	4	4	4		4	4
1/4	2,468.64	1/4	2,096.07	1/4	1,723.49	1/4	1,350.92	1/4	978.34	1/4	605.76	1/4	233.19	1/4	1/4	1/4		1/4	1/4
1/2	2,460.88	1/2	2,088.31	1/2	1,715.73	1/2	1,343.16	1/2	970.58	1/2	598.00	1/2	225.43	1/2	1/2	1/2		1/2	1/2
3/4	2,453.12	3/4	2,080.54	3/4	1,707.96	3/4	1,335.39	3/4	962.81	3/4	590.24	3/4	217.66	3/4	3/4	3/4		3/4	3/4
5	2,445.36	5	2,072.78	5	1,700.20	5	1,327.63	5	955.05	5	582.48	5	209.90	5	5	5		5	5
1/4	2,437.60	1/4	2,065.02	1/4	1,692.44	1/4	1,319.87	1/4	947.29	1/4	574.72	1/4	202.14	1/4	1/4	1/4		1/4	1/4
1/2	2,429.84	1/2	2,057.26	1/2	1,684.68	1/2	1,312.11	1/2	939.53	1/2	566.96	1/2	194.38	1/2	1/2	1/2		1/2	1/2
3/4	2,422.07	3/4	2,049.49	3/4	1,676.92	3/4	1,304.34	3/4	931.76	3/4	559.19	3/4	186.61	3/4	3/4	3/4		3/4	3/4
6	2,414.31	6	2,041.73	6	1,669.16	6	1,296.58	6	924.00	6	551.43	6	178.85	6	6	6		6	6
1/4	2,406.55	1/4	2,033.97	1/4	1,661.40	1/4	1,288.82	1/4	916.24	1/4	543.67	1/4	171.09	1/4	1/4	1/4		1/4	1/4
1/2	2,398.79	1/2	2,026.21	1/2	1,653.64	1/2	1,281.06	1/2	908.48	1/2	535.91	1/2	163.33	1/2	1/2	1/2		1/2	1/2
3/4	2,391.02	3/4	2,018.44	3/4	1,645.87	3/4	1,273.29	3/4	900.72	3/4	528.14	3/4	155.56	3/4	3/4	3/4		3/4	3/4
7	2,383.26	7	2,010.68	7	1,638.11	7	1,265.53	7	892.96	7	520.38	7	147.80	7	7	7		7	7
1/4	2,375.50	1/4	2,002.92	1/4	1,630.35	1/4	1,257.77	1/4	885.20	1/4	512.62	1/4	140.04	1/4	1/4	1/4		1/4	1/4
1/2	2,367.74	1/2	1,995.16	1/2	1,622.59	1/2	1,250.01	1/2	877.44	1/2	504.86	1/2	132.28	1/2	1/2	1/2		1/2	1/2
3/4	2,359.97	3/4	1,987.40	3/4	1,614.82	3/4	1,242.24	3/4	869.67	3/4	497.09	3/4	124.52	3/4	3/4	3/4		3/4	3/4
8	2,352.21	8	1,979.64	8	1,607.06	8	1,234.48	8	861.91	8	489.33	8	116.76	8	8	8		8	8
1/4	2,344.45	1/4	1,971.88	1/4	1,599.30	1/4	1,226.72	1/4	854.15	1/4	481.57	1/4	109.00	1/4	1/4	1/4		1/4	1/4
1/2	2,336.69	1/2	1,964.12	1/2	1,591.54	1/2	1,218.96	1/2	846.39	1/2	473.81	1/2	101.24	1/2	1/2	1/2		1/2	1/2
3/4	2,328.92	3/4	1,956.35	3/4	1,583.77	3/4	1,211.20	3/4	838.62	3/4	466.04	3/4	93.47	3/4	3/4	3/4		3/4	3/4
9	2,321.16	9	1,948.59	9	1,576.01	9	1,203.44	9	830.86	9	458.28	9	85.71	9	9	9		9	9
1/4	2,313.40	1/4	1,940.83	1/4	1,568.25	1/4	1,195.68	1/4	823.10	1/4	450.52	1/4	78.16	1/4	1/4	1/4		1/4	1/4
1/2	2,305.64	1/2	1,933.07	1/2	1,560.49	1/2	1,187.92	1/2	815.34	1/2	442.76	1/2	70.62	1/2	1/2	1/2		1/2	1/2
3/4	2,297.88	3/4	1,925.30	3/4	1,552.72	3/4	1,180.15	3/4	807.57	3/4	435.00	3/4	63.07	3/4	3/4	3/4		3/4	3/4
10	2,290.12	10	1,917.54	10	1,544.96	10	1,172.39	10	799.81	10	427.24	10	55.52	10	10	10		10	10
1/4	2,282.36	1/4	1,909.78	1/4	1,537.20	1/4	1,164.63	1/4	792.05	1/4	419.48	1/4	49.49	1/4	1/4	1/4		1/4	1/4
1/2	2,274.60	1/2	1,902.02	1/2	1,529.44	1/2	1,156.87	1/2	784.29	1/2	411.72	1/2	43.45	1/2	1/2	1/2		1/2	1/2
3/4	2,266.83	3/4	1,894.25	3/4	1,521.68	3/4	1,149.10	3/4	776.52	3/4	403.95	3/4	37.42	3/4	3/4	3/4		3/4	3/4
11	2,259.07	11	1,886.49	11	1,513.92	11	1,141.34	11	768.76	11	396.19	11	31.38	11	11	11		11	11
1/4	2,251.31	1/4	1,878.73	1/4	1,506.16	1/4	1,133.58	1/4	761.00	1/4	388.43	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,243.55	1/2	1,870.97	1/2	1,498.40	1/2	1,125.82	1/2	753.24	1/2	380.67	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,235.78	3/4	1,863.20	3/4	1,490.63	3/4	1,118.05	3/4	745.48	3/4	372.90	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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