



BARGE "MMI 3030"

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	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-5/8	- 00-5/8
1 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-5/8	- 00-5/8
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	00-3/4	- 00-3/4	00-7/8	- 00-7/8
2 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8
3 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-5/8	- 00-5/8
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	00-5/8	- 00-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 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"

July 3, 2023

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "MMI 3030"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 1/4"

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	5,062.17	0	4,695.45	0	4,328.73	0	3,962.01	0	3,595.29	0	3,228.57	0	2,861.85
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,054.53	1/4	4,687.81	1/4	4,321.09	1/4	3,954.37	1/4	3,587.65	1/4	3,220.93	1/4	2,854.21
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,046.89	1/2	4,680.17	1/2	4,313.45	1/2	3,946.73	1/2	3,580.01	1/2	3,213.29	1/2	2,846.57
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,039.25	3/4	4,672.53	3/4	4,305.81	3/4	3,939.09	3/4	3,572.37	3/4	3,205.65	3/4	2,838.93
1		1		1		1	5,031.61	1	4,664.89	1	4,298.17	1	3,931.45	1	3,564.73	1	3,198.01	1	2,831.29
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,023.97	1/4	4,657.25	1/4	4,290.53	1/4	3,923.81	1/4	3,557.09	1/4	3,190.37	1/4	2,823.65
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,016.33	1/2	4,649.61	1/2	4,282.89	1/2	3,916.17	1/2	3,549.45	1/2	3,182.74	1/2	2,816.01
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,008.69	3/4	4,641.97	3/4	4,275.25	3/4	3,908.53	3/4	3,541.81	3/4	3,175.11	3/4	2,808.37
2		2		2		2	5,001.05	2	4,634.33	2	4,267.61	2	3,900.89	2	3,534.17	2	3,167.47	2	2,800.73
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,993.41	1/4	4,626.69	1/4	4,259.97	1/4	3,893.25	1/4	3,526.53	1/4	3,159.84	1/4	2,793.09
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,985.77	1/2	4,619.05	1/2	4,252.33	1/2	3,885.61	1/2	3,518.89	1/2	3,152.19	1/2	2,785.45
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,978.13	3/4	4,611.41	3/4	4,244.69	3/4	3,877.97	3/4	3,511.25	3/4	3,144.55	3/4	2,777.81
3		3		3		3	4,970.49	3	4,603.77	3	4,237.05	3	3,870.33	3	3,503.61	3	3,136.90	3	2,770.17
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,962.85	1/4	4,596.13	1/4	4,229.41	1/4	3,862.69	1/4	3,495.97	1/4	3,129.25	1/4	2,762.53
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,955.21	1/2	4,588.49	1/2	4,221.77	1/2	3,855.05	1/2	3,488.33	1/2	3,121.61	1/2	2,754.89
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,947.57	3/4	4,580.85	3/4	4,214.13	3/4	3,847.41	3/4	3,480.69	3/4	3,113.97	3/4	2,747.25
4		4		4		4	4,939.93	4	4,573.21	4	4,206.49	4	3,839.77	4	3,473.05	4	3,106.33	4	2,739.61
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,932.29	1/4	4,565.57	1/4	4,198.85	1/4	3,832.13	1/4	3,465.41	1/4	3,098.69	1/4	2,731.97
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,924.65	1/2	4,557.93	1/2	4,191.21	1/2	3,824.49	1/2	3,457.77	1/2	3,091.05	1/2	2,724.33
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,917.01	3/4	4,550.29	3/4	4,183.57	3/4	3,816.85	3/4	3,450.13	3/4	3,083.41	3/4	2,716.69
5		5		5		5	4,909.37	5	4,542.65	5	4,175.93	5	3,809.21	5	3,442.49	5	3,075.77	5	2,709.05
1/4	1/4	1/4	5,184.32	1/4	4,901.73	1/4	4,535.01	1/4	4,168.29	1/4	3,801.57	1/4	3,434.85	1/4	3,068.13	1/4	2,701.41		
1/2	1/2	1/2	5,183.46	1/2	4,894.09	1/2	4,527.37	1/2	4,160.65	1/2	3,793.93	1/2	3,427.21	1/2	3,060.49	1/2	2,693.77		
3/4	3/4	3/4	5,182.60	3/4	4,886.45	3/4	4,519.73	3/4	4,153.01	3/4	3,786.29	3/4	3,419.57	3/4	3,052.85	3/4	2,686.13		
6		6	5,181.73	6	4,878.81	6	4,512.09	6	4,145.37	6	3,778.65	6	3,411.93	6	3,045.21	6	2,678.49		
1/4	1/4	1/4	5,180.87	1/4	4,871.17	1/4	4,504.45	1/4	4,137.73	1/4	3,771.01	1/4	3,404.29	1/4	3,037.57	1/4	2,670.85		
1/2	1/2	1/2	5,178.79	1/2	4,863.53	1/2	4,496.81	1/2	4,130.09	1/2	3,763.37	1/2	3,396.65	1/2	3,029.94	1/2	2,663.21		
3/4	3/4	3/4	5,176.72	3/4	4,855.89	3/4	4,489.17	3/4	4,122.45	3/4	3,755.73	3/4	3,389.01	3/4	3,022.32	3/4	2,655.57		
7		7	5,174.64	7	4,848.25	7	4,481.53	7	4,114.81	7	3,748.09	7	3,381.37	7	3,014.69	7	2,647.93		
1/4	1/4	1/4	5,172.56	1/4	4,840.61	1/4	4,473.89	1/4	4,107.17	1/4	3,740.45	1/4	3,373.73	1/4	3,007.07	1/4	2,640.29		
1/2	1/2	1/2	5,169.09	1/2	4,833.08	1/2	4,466.25	1/2	4,099.53	1/2	3,732.81	1/2	3,366.09	1/2	2,999.41	1/2	2,632.65		
3/4	3/4	3/4	5,165.62	3/4	4,825.55	3/4	4,458.61	3/4	4,091.89	3/4	3,725.17	3/4	3,358.45	3/4	2,991.76	3/4	2,625.01		
8		8	5,162.15	8	4,818.03	8	4,450.97	8	4,084.25	8	3,717.53	8	3,350.81	8	2,984.10	8	2,617.37		
1/4	1/4	1/4	5,158.68	1/4	4,810.50	1/4	4,443.33	1/4	4,076.61	1/4	3,709.89	1/4	3,343.17	1/4	2,976.45	1/4	2,609.73		
1/2	1/2	1/2	5,153.82	1/2	4,802.75	1/2	4,435.69	1/2	4,068.97	1/2	3,702.25	1/2	3,335.53	1/2	2,968.81	1/2	2,602.09		
3/4	3/4	3/4	5,148.96	3/4	4,794.99	3/4	4,428.05	3/4	4,061.33	3/4	3,694.61	3/4	3,327.89	3/4	2,961.17	3/4	2,594.45		
9		9	5,144.10	9	4,787.24	9	4,420.41	9	4,053.69	9	3,686.97	9	3,320.25	9	2,953.53	9	2,586.81		
1/4	1/4	1/4	5,139.24	1/4	4,779.49	1/4	4,412.77	1/4	4,046.05	1/4	3,679.33	1/4	3,312.61	1/4	2,945.89	1/4	2,579.17		
1/2	1/2	1/2	5,132.99	1/2	4,771.85	1/2	4,405.13	1/2	4,038.41	1/2	3,671.69	1/2	3,304.97	1/2	2,938.25	1/2	2,571.53		
3/4	3/4	3/4	5,126.75	3/4	4,764.21	3/4	4,397.49	3/4	4,030.77	3/4	3,664.05	3/4	3,297.33	3/4	2,930.61	3/4	2,563.89		
10		10	5,120.50	10	4,756.57	10	4,389.85	10	4,023.13	10	3,656.41	10	3,289.69	10	2,922.97	10	2,556.25		
1/4	1/4	1/4	5,114.25	1/4	4,748.93	1/4	4,382.21	1/4	4,015.49	1/4	3,648.77	1/4	3,282.05	1/4	2,915.33	1/4	2,548.61		
1/2	1/2	1/2	5,106.96	1/2	4,741.29	1/2	4,374.57	1/2	4,007.85	1/2	3,641.13	1/2	3,274.41	1/2	2,907.69	1/2	2,540.97		
3/4	3/4	3/4	5,099.67	3/4	4,733.65	3/4	4,366.93	3/4	4,000.21	3/4	3,633.49	3/4	3,266.77	3/4	2,900.05	3/4	2,533.33		
11		11	5,092.38	11	4,726.01	11	4,359.29	11	3,992.57	11	3,625.85	11	3,259.13	11	2,892.41	11	2,525.69		
1/4	1/4	1/4	5,085.09	1/4	4,718.37	1/4	4,351.65	1/4	3,984.93	1/4	3,618.21	1/4	3,251.49	1/4	2,884.77	1/4	2,518.05		
1/2	1/2	1/2	5,077.45	1/2	4,710.73	1/2	4,344.01	1/2	3,977.29	1/2	3,610.57	1/2	3,243.85	1/2	2,877.13	1/2	2,510.41		
3/4	3/4	3/4	5,069.81	3/4	4,703.09	3/4	4,336.37	3/4	3,969.65	3/4	3,602.93	3/4	3,236.21	3/4	2,869.49	3/4	2,502.77		

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 GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 46'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588
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BARGE "MMI 3030"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,495.13	0	2,128.41	0	1,761.69	0	1,394.97	0	1,028.25	0	661.53	0	301.51	0		0		0	
1/4	2,487.49	1/4	2,120.77	1/4	1,754.05	1/4	1,387.33	1/4	1,020.61	1/4	653.89	1/4	294.33	1/4	1/4		1/4		1/4
1/2	2,479.85	1/2	2,113.13	1/2	1,746.41	1/2	1,379.69	1/2	1,012.97	1/2	646.25	1/2	287.14	1/2	1/2		1/2		1/2
3/4	2,472.21	3/4	2,105.49	3/4	1,738.77	3/4	1,372.05	3/4	1,005.33	3/4	638.61	3/4	279.96	3/4	3/4		3/4		3/4
1	2,464.57	1	2,097.85	1	1,731.13	1	1,364.41	1	997.69	1	630.97	1	272.77	1	1		1		1
1/4	2,456.93	1/4	2,090.21	1/4	1,723.49	1/4	1,356.77	1/4	990.05	1/4	623.33	1/4	265.59	1/4	1/4		1/4		1/4
1/2	2,449.29	1/2	2,082.57	1/2	1,715.85	1/2	1,349.13	1/2	982.41	1/2	615.69	1/2	258.62	1/2	1/2		1/2		1/2
3/4	2,441.65	3/4	2,074.93	3/4	1,708.21	3/4	1,341.49	3/4	974.77	3/4	608.05	3/4	251.64	3/4	3/4		3/4		3/4
2	2,434.01	2	2,067.29	2	1,700.57	2	1,333.85	2	967.13	2	600.41	2	244.67	2	2		2		2
1/4	2,426.37	1/4	2,059.65	1/4	1,692.93	1/4	1,326.21	1/4	959.49	1/4	592.77	1/4	237.70	1/4	1/4		1/4		1/4
1/2	2,418.73	1/2	2,052.01	1/2	1,685.29	1/2	1,318.57	1/2	951.85	1/2	585.13	1/2	230.73	1/2	1/2		1/2		1/2
3/4	2,411.09	3/4	2,044.37	3/4	1,677.65	3/4	1,310.93	3/4	944.21	3/4	577.49	3/4	223.76	3/4	3/4		3/4		3/4
3	2,403.45	3	2,036.73	3	1,670.01	3	1,303.29	3	936.57	3	569.85	3	216.79	3	3		3		3
1/4	2,395.81	1/4	2,029.09	1/4	1,662.37	1/4	1,295.65	1/4	928.93	1/4	562.21	1/4	209.82	1/4	1/4		1/4		1/4
1/2	2,388.17	1/2	2,021.45	1/2	1,654.73	1/2	1,288.01	1/2	921.29	1/2	554.57	1/2	202.85	1/2	1/2		1/2		1/2
3/4	2,380.53	3/4	2,013.81	3/4	1,647.09	3/4	1,280.37	3/4	913.65	3/4	546.93	3/4	195.87	3/4	3/4		3/4		3/4
4	2,372.89	4	2,006.17	4	1,639.45	4	1,272.73	4	906.01	4	539.29	4	188.90	4	4		4		4
1/4	2,365.25	1/4	1,998.53	1/4	1,631.81	1/4	1,265.09	1/4	898.37	1/4	531.65	1/4	181.93	1/4	1/4		1/4		1/4
1/2	2,357.61	1/2	1,990.89	1/2	1,624.17	1/2	1,257.45	1/2	890.73	1/2	524.01	1/2	175.17	1/2	1/2		1/2		1/2
3/4	2,349.97	3/4	1,983.25	3/4	1,616.53	3/4	1,249.81	3/4	883.09	3/4	516.37	3/4	168.40	3/4	3/4		3/4		3/4
5	2,342.33	5	1,975.61	5	1,608.89	5	1,242.17	5	875.45	5	508.73	5	161.64	5	5		5		5
1/4	2,334.69	1/4	1,967.97	1/4	1,601.25	1/4	1,234.53	1/4	867.81	1/4	501.09	1/4	154.88	1/4	1/4		1/4		1/4
1/2	2,327.05	1/2	1,960.33	1/2	1,593.61	1/2	1,226.89	1/2	860.17	1/2	493.52	1/2	148.12	1/2	1/2		1/2		1/2
3/4	2,319.41	3/4	1,952.69	3/4	1,585.97	3/4	1,219.25	3/4	852.53	3/4	485.95	3/4	141.35	3/4	3/4		3/4		3/4
6	2,311.77	6	1,945.05	6	1,578.33	6	1,211.61	6	844.89	6	478.38	6	134.59	6	6		6		6
1/4	2,304.13	1/4	1,937.41	1/4	1,570.69	1/4	1,203.97	1/4	837.25	1/4	470.81	1/4	127.83	1/4	1/4		1/4		1/4
1/2	2,296.49	1/2	1,929.77	1/2	1,563.05	1/2	1,196.33	1/2	829.61	1/2	463.24	1/2	121.07	1/2	1/2		1/2		1/2
3/4	2,288.85	3/4	1,922.13	3/4	1,555.41	3/4	1,188.69	3/4	821.97	3/4	455.67	3/4	114.30	3/4	3/4		3/4		3/4
7	2,281.21	7	1,914.49	7	1,547.77	7	1,181.05	7	814.33	7	448.10	7	107.54	7	7		7		7
1/4	2,273.57	1/4	1,906.85	1/4	1,540.13	1/4	1,173.41	1/4	806.69	1/4	440.53	1/4	100.78	1/4	1/4		1/4		1/4
1/2	2,265.93	1/2	1,899.21	1/2	1,532.49	1/2	1,165.77	1/2	799.05	1/2	433.13	1/2	94.23	1/2	1/2		1/2		1/2
3/4	2,258.29	3/4	1,891.57	3/4	1,524.85	3/4	1,158.13	3/4	791.41	3/4	425.74	3/4	87.68	3/4	3/4		3/4		3/4
8	2,250.65	8	1,883.93	8	1,517.21	8	1,150.49	8	783.77	8	418.34	8	81.13	8	8		8		8
1/4	2,243.01	1/4	1,876.29	1/4	1,509.57	1/4	1,142.85	1/4	776.13	1/4	410.95	1/4	74.58	1/4	1/4		1/4		1/4
1/2	2,235.37	1/2	1,868.65	1/2	1,501.93	1/2	1,135.21	1/2	768.49	1/2	403.56	1/2	68.19	1/2	1/2		1/2		1/2
3/4	2,227.73	3/4	1,861.01	3/4	1,494.29	3/4	1,127.57	3/4	760.85	3/4	396.16	3/4	61.81	3/4	3/4		3/4		3/4
9	2,220.09	9	1,853.37	9	1,486.65	9	1,119.93	9	753.21	9	388.77	9	55.42	9	9		9		9
1/4	2,212.45	1/4	1,845.73	1/4	1,479.01	1/4	1,112.29	1/4	745.57	1/4	381.38	1/4	49.04	1/4	1/4		1/4		1/4
1/2	2,204.81	1/2	1,838.09	1/2	1,471.37	1/2	1,104.65	1/2	737.93	1/2	373.98	1/2	43.83	1/2	1/2		1/2		1/2
3/4	2,197.17	3/4	1,830.45	3/4	1,463.73	3/4	1,097.01	3/4	730.29	3/4	366.59	3/4	38.61	3/4	3/4		3/4		3/4
10	2,189.53	10	1,822.81	10	1,456.09	10	1,089.37	10	722.65	10	359.19	10	33.40	10	10		10		10
1/4	2,181.89	1/4	1,815.17	1/4	1,448.45	1/4	1,081.73	1/4	715.01	1/4	351.80	1/4	28.19	1/4	1/4		1/4		1/4
1/2	2,174.25	1/2	1,807.53	1/2	1,440.81	1/2	1,074.09	1/2	707.37	1/2	344.61	1/2	24.53	1/2	1/2		1/2		1/2
3/4	2,166.61	3/4	1,799.89	3/4	1,433.17	3/4	1,066.45	3/4	699.73	3/4	337.43	3/4	20.87	3/4	3/4		3/4		3/4
11	2,158.97	11	1,792.25	11	1,425.53	11	1,058.81	11	692.09	11	330.24	11	17.21	11	11		11		11
1/4	2,151.33	1/4	1,784.61	1/4	1,417.89	1/4	1,051.17	1/4	684.45	1/4	323.06	1/4	13.55	1/4	1/4		1/4		1/4
1/2	2,143.69	1/2	1,776.97	1/2	1,410.25	1/2	1,043.53	1/2	676.81	1/2	315.88	1/2		1/2	1/2		1/2		1/2
3/4	2,136.05	3/4	1,769.33	3/4	1,402.61	3/4	1,035.89	3/4	669.17	3/4	308.69	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/2003 INSP.
RECOMPUTED: 07/05/2023 JS
VERIFIED: 07/03/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2023

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



BARGE "MMI 3030"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11"

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	5,054.53	0	4,687.81	0	4,321.09	0	3,954.37	0	3,587.65	0	3,220.93	0	2,854.21
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,046.89	1/4	4,680.17	1/4	4,313.45	1/4	3,946.73	1/4	3,580.01	1/4	3,213.29	1/4	2,846.57
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,039.25	1/2	4,672.53	1/2	4,305.81	1/2	3,939.09	1/2	3,572.37	1/2	3,205.65	1/2	2,838.93
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,031.61	3/4	4,664.89	3/4	4,298.17	3/4	3,931.45	3/4	3,564.73	3/4	3,198.01	3/4	2,831.29
1		1		1		1	5,023.97	1	4,657.25	1	4,290.53	1	3,923.81	1	3,557.09	1	3,190.37	1	2,823.65
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,016.33	1/4	4,649.61	1/4	4,282.89	1/4	3,916.17	1/4	3,549.45	1/4	3,182.74	1/4	2,816.01
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,008.69	1/2	4,641.97	1/2	4,275.25	1/2	3,908.53	1/2	3,541.81	1/2	3,175.11	1/2	2,808.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,001.05	3/4	4,634.33	3/4	4,267.61	3/4	3,900.89	3/4	3,534.17	3/4	3,167.47	3/4	2,800.73
2		2		2		2	4,993.41	2	4,626.69	2	4,259.97	2	3,893.25	2	3,526.53	2	3,159.84	2	2,793.09
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,985.77	1/4	4,619.05	1/4	4,252.33	1/4	3,885.61	1/4	3,518.89	1/4	3,152.19	1/4	2,785.45
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,978.13	1/2	4,611.41	1/2	4,244.69	1/2	3,877.97	1/2	3,511.25	1/2	3,144.55	1/2	2,777.81
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,970.49	3/4	4,603.77	3/4	4,237.05	3/4	3,870.33	3/4	3,503.61	3/4	3,136.90	3/4	2,770.17
3		3		3		3	4,962.85	3	4,596.13	3	4,229.41	3	3,862.69	3	3,495.97	3	3,129.25	3	2,762.53
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,955.21	1/4	4,588.49	1/4	4,221.77	1/4	3,855.05	1/4	3,488.33	1/4	3,121.61	1/4	2,754.89
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,947.57	1/2	4,580.85	1/2	4,214.13	1/2	3,847.41	1/2	3,480.69	1/2	3,113.97	1/2	2,747.25
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,939.93	3/4	4,573.21	3/4	4,206.49	3/4	3,839.77	3/4	3,473.05	3/4	3,106.33	3/4	2,739.61
4		4		4		4	4,932.29	4	4,565.57	4	4,198.85	4	3,832.13	4	3,465.41	4	3,098.69	4	2,731.97
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,924.65	1/4	4,557.93	1/4	4,191.21	1/4	3,824.49	1/4	3,457.77	1/4	3,091.05	1/4	2,724.33
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,917.01	1/2	4,550.29	1/2	4,183.57	1/2	3,816.85	1/2	3,450.13	1/2	3,083.41	1/2	2,716.69
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,909.37	3/4	4,542.65	3/4	4,175.93	3/4	3,809.21	3/4	3,442.49	3/4	3,075.77	3/4	2,709.05
5		5	5,184.32	5	4,901.73	5	4,535.01	5	4,168.29	5	3,801.57	5	3,434.85	5	3,068.13	5	2,701.41		
1/4	1/4	1/4	5,183.46	1/4	4,894.09	1/4	4,527.37	1/4	4,160.65	1/4	3,793.93	1/4	3,427.21	1/4	3,060.49	1/4	2,693.77		
1/2	1/2	1/2	5,182.60	1/2	4,886.45	1/2	4,519.73	1/2	4,153.01	1/2	3,786.29	1/2	3,419.57	1/2	3,052.85	1/2	2,686.13		
3/4	3/4	3/4	5,181.73	3/4	4,878.81	3/4	4,512.09	3/4	4,145.37	3/4	3,778.65	3/4	3,411.93	3/4	3,045.21	3/4	2,678.49		
6		6	5,180.87	6	4,871.17	6	4,504.45	6	4,137.73	6	3,771.01	6	3,404.29	6	3,037.57	6	2,670.85		
1/4	1/4	1/4	5,178.79	1/4	4,863.53	1/4	4,496.81	1/4	4,130.09	1/4	3,763.37	1/4	3,396.65	1/4	3,029.94	1/4	2,663.21		
1/2	1/2	1/2	5,176.72	1/2	4,855.89	1/2	4,489.17	1/2	4,122.45	1/2	3,755.73	1/2	3,389.01	1/2	3,022.32	1/2	2,655.57		
3/4	3/4	3/4	5,174.64	3/4	4,848.25	3/4	4,481.53	3/4	4,114.81	3/4	3,748.09	3/4	3,381.37	3/4	3,014.69	3/4	2,647.93		
7		7	5,172.56	7	4,840.61	7	4,473.89	7	4,107.17	7	3,740.45	7	3,373.73	7	3,007.07	7	2,640.29		
1/4	1/4	1/4	5,172.09	1/4	4,833.08	1/4	4,466.25	1/4	4,099.53	1/4	3,732.81	1/4	3,366.09	1/4	2,999.41	1/4	2,632.65		
1/2	1/2	1/2	5,165.62	1/2	4,825.55	1/2	4,458.61	1/2	4,091.89	1/2	3,725.17	1/2	3,358.45	1/2	2,991.76	1/2	2,625.01		
3/4	3/4	3/4	5,162.15	3/4	4,818.03	3/4	4,450.97	3/4	4,084.25	3/4	3,717.53	3/4	3,350.81	3/4	2,984.10	3/4	2,617.37		
8		8	5,158.68	8	4,810.50	8	4,443.33	8	4,076.61	8	3,709.89	8	3,343.17	8	2,976.45	8	2,609.73		
1/4	1/4	1/4	5,153.82	1/4	4,802.75	1/4	4,435.69	1/4	4,068.97	1/4	3,702.25	1/4	3,335.53	1/4	2,968.81	1/4	2,602.09		
1/2	1/2	1/2	5,148.96	1/2	4,794.99	1/2	4,428.05	1/2	4,061.33	1/2	3,694.61	1/2	3,327.89	1/2	2,961.17	1/2	2,594.45		
3/4	3/4	3/4	5,144.10	3/4	4,787.24	3/4	4,420.41	3/4	4,053.69	3/4	3,686.97	3/4	3,320.25	3/4	2,953.53	3/4	2,586.81		
9		9	5,139.24	9	4,779.49	9	4,412.77	9	4,046.05	9	3,679.33	9	3,312.61	9	2,945.89	9	2,579.17		
1/4	1/4	1/4	5,132.99	1/4	4,771.85	1/4	4,405.13	1/4	4,038.41	1/4	3,671.69	1/4	3,304.97	1/4	2,938.25	1/4	2,571.53		
1/2	1/2	1/2	5,126.75	1/2	4,764.21	1/2	4,397.49	1/2	4,030.77	1/2	3,664.05	1/2	3,297.33	1/2	2,930.61	1/2	2,563.89		
3/4	3/4	3/4	5,120.50	3/4	4,756.57	3/4	4,389.85	3/4	4,023.13	3/4	3,656.41	3/4	3,289.69	3/4	2,922.97	3/4	2,556.25		
10		10	5,114.25	10	4,748.93	10	4,382.21	10	4,015.49	10	3,648.77	10	3,282.05	10	2,915.33	10	2,548.61		
1/4	1/4	1/4	5,106.96	1/4	4,741.29	1/4	4,374.57	1/4	4,007.85	1/4	3,641.13	1/4	3,274.41	1/4	2,907.69	1/4	2,540.97		
1/2	1/2	1/2	5,099.67	1/2	4,733.65	1/2	4,366.93	1/2	4,000.21	1/2	3,633.49	1/2	3,266.77	1/2	2,900.05	1/2	2,533.33		
3/4	3/4	3/4	5,092.38	3/4	4,726.01	3/4	4,359.29	3/4	3,992.57	3/4	3,625.85	3/4	3,259.13	3/4	2,892.41	3/4	2,525.69		
11		11	5,085.09	11	4,718.37	11	4,351.65	11	3,984.93	11	3,618.21	11	3,251.49	11	2,884.77	11	2,518.05		
1/4	1/4	1/4	5,077.45	1/4	4,710.73	1/4	4,344.01	1/4	3,977.29	1/4	3,610.57	1/4	3,243.85	1/4	2,877.13	1/4	2,510.41		
1/2	1/2	1/2	5,069.81	1/2	4,703.09	1/2	4,336.37	1/2	3,969.65	1/2	3,602.93	1/2	3,236.21	1/2	2,869.49	1/2	2,502.77		
3/4	3/4	3/4	5,062.17	3/4	4,695.45	3/4	4,328.73	3/4	3,962.01	3/4	3,595.29	3/4	3,228.57	3/4	2,861.85	3/4	2,495.13		

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 GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 46'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "MMI 3030"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11"

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	2,487.49	0	2,120.77	0	1,754.05	0	1,387.33	0	1,020.61	0	653.89	0	294.33	0		0		0	
1/4	2,479.85	1/4	2,113.13	1/4	1,746.41	1/4	1,379.69	1/4	1,012.97	1/4	646.25	1/4	287.14	1/4	1/4		1/4		1/4
1/2	2,472.21	1/2	2,105.49	1/2	1,738.77	1/2	1,372.05	1/2	1,005.33	1/2	638.61	1/2	279.96	1/2	1/2		1/2		1/2
3/4	2,464.57	3/4	2,097.85	3/4	1,731.13	3/4	1,364.41	3/4	997.69	3/4	630.97	3/4	272.77	3/4	3/4		3/4		3/4
1	2,456.93	1	2,090.21	1	1,723.49	1	1,356.77	1	990.05	1	623.33	1	265.59	1	1		1		1
1/4	2,449.29	1/4	2,082.57	1/4	1,715.85	1/4	1,349.13	1/4	982.41	1/4	615.69	1/4	258.62	1/4	1/4		1/4		1/4
1/2	2,441.65	1/2	2,074.93	1/2	1,708.21	1/2	1,341.49	1/2	974.77	1/2	608.05	1/2	251.64	1/2	1/2		1/2		1/2
3/4	2,434.01	3/4	2,067.29	3/4	1,700.57	3/4	1,333.85	3/4	967.13	3/4	600.41	3/4	244.67	3/4	3/4		3/4		3/4
2	2,426.37	2	2,059.65	2	1,692.93	2	1,326.21	2	959.49	2	592.77	2	237.70	2	2		2		2
1/4	2,418.73	1/4	2,052.01	1/4	1,685.29	1/4	1,318.57	1/4	951.85	1/4	585.13	1/4	230.73	1/4	1/4		1/4		1/4
1/2	2,411.09	1/2	2,044.37	1/2	1,677.65	1/2	1,310.93	1/2	944.21	1/2	577.49	1/2	223.76	1/2	1/2		1/2		1/2
3/4	2,403.45	3/4	2,036.73	3/4	1,670.01	3/4	1,303.29	3/4	936.57	3/4	569.85	3/4	216.79	3/4	3/4		3/4		3/4
3	2,395.81	3	2,029.09	3	1,662.37	3	1,295.65	3	928.93	3	562.21	3	209.82	3	3		3		3
1/4	2,388.17	1/4	2,021.45	1/4	1,654.73	1/4	1,288.01	1/4	921.29	1/4	554.57	1/4	202.85	1/4	1/4		1/4		1/4
1/2	2,380.53	1/2	2,013.81	1/2	1,647.09	1/2	1,280.37	1/2	913.65	1/2	546.93	1/2	195.87	1/2	1/2		1/2		1/2
3/4	2,372.89	3/4	2,006.17	3/4	1,639.45	3/4	1,272.73	3/4	906.01	3/4	539.29	3/4	188.90	3/4	3/4		3/4		3/4
4	2,365.25	4	1,998.53	4	1,631.81	4	1,265.09	4	898.37	4	531.65	4	181.93	4	4		4		4
1/4	2,357.61	1/4	1,990.89	1/4	1,624.17	1/4	1,257.45	1/4	890.73	1/4	524.01	1/4	175.17	1/4	1/4		1/4		1/4
1/2	2,349.97	1/2	1,983.25	1/2	1,616.53	1/2	1,249.81	1/2	883.09	1/2	516.37	1/2	168.40	1/2	1/2		1/2		1/2
3/4	2,342.33	3/4	1,975.61	3/4	1,608.89	3/4	1,242.17	3/4	875.45	3/4	508.73	3/4	161.64	3/4	3/4		3/4		3/4
5	2,334.69	5	1,967.97	5	1,601.25	5	1,234.53	5	867.81	5	501.09	5	154.88	5	5		5		5
1/4	2,327.05	1/4	1,960.33	1/4	1,593.61	1/4	1,226.89	1/4	860.17	1/4	493.52	1/4	148.12	1/4	1/4		1/4		1/4
1/2	2,319.41	1/2	1,952.69	1/2	1,585.97	1/2	1,219.25	1/2	852.53	1/2	485.95	1/2	141.35	1/2	1/2		1/2		1/2
3/4	2,311.77	3/4	1,945.05	3/4	1,578.33	3/4	1,211.61	3/4	844.89	3/4	478.38	3/4	134.59	3/4	3/4		3/4		3/4
6	2,304.13	6	1,937.41	6	1,570.69	6	1,203.97	6	837.25	6	470.81	6	127.83	6	6		6		6
1/4	2,296.49	1/4	1,929.77	1/4	1,563.05	1/4	1,196.33	1/4	829.61	1/4	463.24	1/4	121.07	1/4	1/4		1/4		1/4
1/2	2,288.85	1/2	1,922.13	1/2	1,555.41	1/2	1,188.69	1/2	821.97	1/2	455.67	1/2	114.30	1/2	1/2		1/2		1/2
3/4	2,281.21	3/4	1,914.49	3/4	1,547.77	3/4	1,181.05	3/4	814.33	3/4	448.10	3/4	107.54	3/4	3/4		3/4		3/4
7	2,273.57	7	1,906.85	7	1,540.13	7	1,173.41	7	806.69	7	440.53	7	100.78	7	7		7		7
1/4	2,265.93	1/4	1,899.21	1/4	1,532.49	1/4	1,165.77	1/4	799.05	1/4	433.13	1/4	94.23	1/4	1/4		1/4		1/4
1/2	2,258.29	1/2	1,891.57	1/2	1,524.85	1/2	1,158.13	1/2	791.41	1/2	425.74	1/2	87.68	1/2	1/2		1/2		1/2
3/4	2,250.65	3/4	1,883.93	3/4	1,517.21	3/4	1,150.49	3/4	783.77	3/4	418.34	3/4	81.13	3/4	3/4		3/4		3/4
8	2,243.01	8	1,876.29	8	1,509.57	8	1,142.85	8	776.13	8	410.95	8	74.58	8	8		8		8
1/4	2,235.37	1/4	1,868.65	1/4	1,501.93	1/4	1,135.21	1/4	768.49	1/4	403.56	1/4	68.19	1/4	1/4		1/4		1/4
1/2	2,227.73	1/2	1,861.01	1/2	1,494.29	1/2	1,127.57	1/2	760.85	1/2	396.16	1/2	61.81	1/2	1/2		1/2		1/2
3/4	2,220.09	3/4	1,853.37	3/4	1,486.65	3/4	1,119.93	3/4	753.21	3/4	388.77	3/4	55.42	3/4	3/4		3/4		3/4
9	2,212.45	9	1,845.73	9	1,479.01	9	1,112.29	9	745.57	9	381.38	9	49.04	9	9		9		9
1/4	2,204.81	1/4	1,838.09	1/4	1,471.37	1/4	1,104.65	1/4	737.93	1/4	373.98	1/4	43.83	1/4	1/4		1/4		1/4
1/2	2,197.17	1/2	1,830.45	1/2	1,463.73	1/2	1,097.01	1/2	730.29	1/2	366.59	1/2	38.61	1/2	1/2		1/2		1/2
3/4	2,189.53	3/4	1,822.81	3/4	1,456.09	3/4	1,089.37	3/4	722.65	3/4	359.19	3/4	33.40	3/4	3/4		3/4		3/4
10	2,181.89	10	1,815.17	10	1,448.45	10	1,081.73	10	715.01	10	351.80	10	28.19	10	10		10		10
1/4	2,174.25	1/4	1,807.53	1/4	1,440.81	1/4	1,074.09	1/4	707.37	1/4	344.61	1/4	24.53	1/4	1/4		1/4		1/4
1/2	2,166.61	1/2	1,799.89	1/2	1,433.17	1/2	1,066.45	1/2	699.73	1/2	337.43	1/2	20.87	1/2	1/2		1/2		1/2
3/4	2,158.97	3/4	1,792.25	3/4	1,425.53	3/4	1,058.81	3/4	692.09	3/4	330.24	3/4	17.21	3/4	3/4		3/4		3/4
11	2,151.33	11	1,784.61	11	1,417.89	11	1,051.17	11	684.45	11	323.06	11	13.55	11	11		11		11
1/4	2,143.69	1/4	1,776.97	1/4	1,410.25	1/4	1,043.53	1/4	676.81	1/4	315.88	1/4		1/4	1/4		1/4		1/4
1/2	2,136.05	1/2	1,769.33	1/2	1,402.61	1/2	1,035.89	1/2	669.17	1/2	308.69	1/2		1/2	1/2		1/2		1/2
3/4	2,128.41	3/4	1,761.69	3/4	1,394.97	3/4	1,028.25	3/4	661.53	3/4	301.51	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/2003 INSP.
RECOMPUTED: 07/05/2023 JS
VERIFIED: 07/03/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2023

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



BARGE "MMI 3030"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	4,778.67	0	4,434.80	0	4,090.92	0	3,747.05	0	3,403.18	0	3,059.31	0	2,715.44
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,771.51	1/4	4,427.63	1/4	4,083.76	1/4	3,739.89	1/4	3,396.02	1/4	3,052.15	1/4	2,708.28
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,764.34	1/2	4,420.47	1/2	4,076.59	1/2	3,732.72	1/2	3,388.85	1/2	3,044.98	1/2	2,701.11
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,757.18	3/4	4,413.30	3/4	4,069.43	3/4	3,725.56	3/4	3,381.69	3/4	3,037.82	3/4	2,693.95
1		1		1		1	4,750.01	1	4,406.14	1	4,062.27	1	3,718.40	1	3,374.52	1	3,030.65	1	2,686.78
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,742.85	1/4	4,398.97	1/4	4,055.10	1/4	3,711.23	1/4	3,367.36	1/4	3,023.49	1/4	2,679.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,735.69	1/2	4,391.81	1/2	4,047.94	1/2	3,704.07	1/2	3,360.20	1/2	3,016.33	1/2	2,672.45
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,728.52	3/4	4,384.64	3/4	4,040.77	3/4	3,696.90	3/4	3,353.03	3/4	3,009.16	3/4	2,665.29
2		2		2		2	4,721.36	2	4,377.48	2	4,033.61	2	3,689.74	2	3,345.87	2	3,002.00	2	2,658.12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,714.20	1/4	4,370.32	1/4	4,026.45	1/4	3,682.57	1/4	3,338.71	1/4	2,994.84	1/4	2,650.96
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,707.03	1/2	4,363.15	1/2	4,019.28	1/2	3,675.41	1/2	3,331.54	1/2	2,987.69	1/2	2,643.80
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,699.87	3/4	4,355.99	3/4	4,012.12	3/4	3,668.24	3/4	3,324.38	3/4	2,980.53	3/4	2,636.63
3		3		3		3	4,692.70	3	4,348.83	3	4,004.96	3	3,661.08	3	3,317.21	3	2,973.37	3	2,629.47
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,685.54	1/4	4,341.66	1/4	3,997.79	1/4	3,653.92	1/4	3,310.05	1/4	2,966.20	1/4	2,622.31
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,678.37	1/2	4,334.50	1/2	3,990.63	1/2	3,646.75	1/2	3,302.89	1/2	2,959.03	1/2	2,615.14
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,671.21	3/4	4,327.33	3/4	3,983.46	3/4	3,639.59	3/4	3,295.72	3/4	2,951.85	3/4	2,607.98
4		4		4		4	4,664.04	4	4,320.17	4	3,976.30	4	3,632.43	4	3,288.56	4	2,944.68	4	2,600.81
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,656.88	1/4	4,313.01	1/4	3,969.13	1/4	3,625.26	1/4	3,281.40	1/4	2,937.52	1/4	2,593.65
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,649.72	1/2	4,305.84	1/2	3,961.97	1/2	3,618.10	1/2	3,274.23	1/2	2,930.36	1/2	2,586.49
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,642.55	3/4	4,298.68	3/4	3,954.80	3/4	3,610.93	3/4	3,267.07	3/4	2,923.19	3/4	2,579.32
5		5		5	4,900.38	5	4,635.39	5	4,291.52	5	3,947.64	5	3,603.77	5	3,259.90	5	2,916.03	5	2,572.16
1/4	1/4	1/4	1/4	1/4	4,899.57	1/4	4,628.23	1/4	4,284.35	1/4	3,940.48	1/4	3,596.61	1/4	3,252.74	1/4	2,908.87	1/4	2,565.00
1/2	1/2	1/2	1/2	1/2	4,898.76	1/2	4,621.06	1/2	4,277.19	1/2	3,933.31	1/2	3,589.44	1/2	3,245.57	1/2	2,901.70	1/2	2,557.83
3/4	3/4	3/4	3/4	3/4	4,897.95	3/4	4,613.90	3/4	4,270.02	3/4	3,926.15	3/4	3,582.28	3/4	3,238.41	3/4	2,894.54	3/4	2,550.67
6		6		6	4,897.14	6	4,606.73	6	4,262.86	6	3,918.99	6	3,575.12	6	3,231.24	6	2,887.37	6	2,543.50
1/4	1/4	1/4	1/4	1/4	4,895.19	1/4	4,599.57	1/4	4,255.69	1/4	3,911.82	1/4	3,567.95	1/4	3,224.08	1/4	2,880.21	1/4	2,536.34
1/2	1/2	1/2	1/2	1/2	4,893.24	1/2	4,592.41	1/2	4,248.53	1/2	3,904.66	1/2	3,560.79	1/2	3,216.92	1/2	2,873.05	1/2	2,529.17
3/4	3/4	3/4	3/4	3/4	4,891.29	3/4	4,585.24	3/4	4,241.36	3/4	3,897.49	3/4	3,553.62	3/4	3,209.75	3/4	2,865.88	3/4	2,522.01
7		7		7	4,889.34	7	4,578.08	7	4,234.20	7	3,890.33	7	3,546.46	7	3,202.59	7	2,858.72	7	2,514.84
1/4	1/4	1/4	1/4	1/4	4,886.09	1/4	4,570.92	1/4	4,227.04	1/4	3,883.17	1/4	3,539.29	1/4	3,195.43	1/4	2,851.56	1/4	2,507.68
1/2	1/2	1/2	1/2	1/2	4,882.84	1/2	4,563.75	1/2	4,219.87	1/2	3,876.00	1/2	3,532.13	1/2	3,188.26	1/2	2,844.39	1/2	2,500.52
3/4	3/4	3/4	3/4	3/4	4,879.58	3/4	4,556.59	3/4	4,212.71	3/4	3,868.84	3/4	3,524.96	3/4	3,181.10	3/4	2,837.23	3/4	2,493.35
8		8		8	4,876.33	8	4,549.42	8	4,205.55	8	3,861.68	8	3,517.80	8	3,173.93	8	2,830.06	8	2,486.19
1/4	1/4	1/4	1/4	1/4	4,871.78	1/4	4,542.26	1/4	4,198.38	1/4	3,854.51	1/4	3,510.64	1/4	3,166.77	1/4	2,822.90	1/4	2,479.03
1/2	1/2	1/2	1/2	1/2	4,867.22	1/2	4,535.09	1/2	4,191.22	1/2	3,847.35	1/2	3,503.47	1/2	3,159.61	1/2	2,815.73	1/2	2,471.86
3/4	3/4	3/4	3/4	3/4	4,862.67	3/4	4,527.93	3/4	4,184.05	3/4	3,840.18	3/4	3,496.31	3/4	3,152.44	3/4	2,808.57	3/4	2,464.70
9		9		9	4,858.11	9	4,520.76	9	4,176.89	9	3,833.02	9	3,489.15	9	3,145.28	9	2,801.40	9	2,457.53
1/4	1/4	1/4	1/4	1/4	4,852.25	1/4	4,513.60	1/4	4,169.73	1/4	3,825.85	1/4	3,481.99	1/4	3,138.12	1/4	2,794.24	1/4	2,450.37
1/2	1/2	1/2	1/2	1/2	4,846.39	1/2	4,506.44	1/2	4,162.56	1/2	3,818.69	1/2	3,474.82	1/2	3,130.95	1/2	2,787.08	1/2	2,443.21
3/4	3/4	3/4	3/4	3/4	4,840.53	3/4	4,499.27	3/4	4,155.40	3/4	3,811.52	3/4	3,467.66	3/4	3,123.79	3/4	2,779.91	3/4	2,436.04
10		10		10	4,834.67	10	4,492.11	10	4,148.24	10	3,804.36	10	3,460.49	10	3,116.62	10	2,772.75	10	2,428.88
1/4	1/4	1/4	1/4	1/4	4,827.83	1/4	4,484.95	1/4	4,141.07	1/4	3,797.20	1/4	3,453.33	1/4	3,109.46	1/4	2,765.59	1/4	2,421.72
1/2	1/2	1/2	1/2	1/2	4,821.00	1/2	4,477.78	1/2	4,133.91	1/2	3,790.03	1/2	3,446.17	1/2	3,102.29	1/2	2,758.42	1/2	2,414.55
3/4	3/4	3/4	3/4	3/4	4,814.16	3/4	4,470.62	3/4	4,126.74	3/4	3,782.87	3/4	3,439.00	3/4	3,095.13	3/4	2,751.26	3/4	2,407.39
11		11		11	4,807.32	11	4,463.45	11	4,119.58	11	3,775.71	11	3,431.84	11	3,087.96	11	2,744.09	11	2,400.22
1/4	1/4	1/4	1/4	1/4	4,800.16	1/4	4,456.29	1/4	4,112.41	1/4	3,768.54	1/4	3,424.68	1/4	3,080.80	1/4	2,736.93	1/4	2,393.06
1/2	1/2	1/2	1/2	1/2	4,793.00	1/2	4,449.13	1/2	4,105.25	1/2	3,761.38	1/2	3,417.51	1/2	3,073.64	1/2	2,729.77	1/2	2,385.89
3/4	3/4	3/4	3/4	3/4	4,785.83	3/4	4,441.96	3/4	4,098.08	3/4	3,754.21	3/4	3,410.35	3/4	3,066.47	3/4	2,722.60	3/4	2,378.73

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 GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "MMI 3030"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11"

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	2,371.56	0	2,027.69	0	1,683.82	0	1,339.95	0	996.08	0	652.02	0	308.33	0		0		0	
1/4	2,364.40	1/4	2,020.53	1/4	1,676.66	1/4	1,332.79	1/4	988.92	1/4	644.90	1/4	301.17	1/4	1/4		1/4		1/4
1/2	2,357.24	1/2	2,013.37	1/2	1,669.49	1/2	1,325.62	1/2	981.75	1/2	637.79	1/2	294.01	1/2	1/2		1/2		1/2
3/4	2,350.07	3/4	2,006.20	3/4	1,662.33	3/4	1,318.46	3/4	974.59	3/4	630.67	3/4	286.84	3/4	3/4		3/4		3/4
1	2,342.91	1	1,999.04	1	1,655.16	1	1,311.29	1	967.42	1	623.55	1	279.68	1	1		1		1
1/4	2,335.75	1/4	1,991.88	1/4	1,648.00	1/4	1,304.13	1/4	960.26	1/4	616.39	1/4	272.52	1/4	1/4		1/4		1/4
1/2	2,328.58	1/2	1,984.71	1/2	1,640.84	1/2	1,296.97	1/2	953.09	1/2	609.22	1/2	265.35	1/2	1/2		1/2		1/2
3/4	2,321.42	3/4	1,977.55	3/4	1,633.67	3/4	1,289.80	3/4	945.93	3/4	602.06	3/4	258.19	3/4	3/4		3/4		3/4
2	2,314.25	2	1,970.38	2	1,626.51	2	1,282.64	2	938.76	2	594.89	2	251.02	2	2		2		2
1/4	2,307.09	1/4	1,963.22	1/4	1,619.35	1/4	1,275.48	1/4	931.60	1/4	587.73	1/4	243.86	1/4	1/4		1/4		1/4
1/2	2,299.93	1/2	1,956.05	1/2	1,612.18	1/2	1,268.31	1/2	924.44	1/2	580.57	1/2	236.69	1/2	1/2		1/2		1/2
3/4	2,292.76	3/4	1,948.89	3/4	1,605.02	3/4	1,261.15	3/4	917.27	3/4	573.40	3/4	229.53	3/4	3/4		3/4		3/4
3	2,285.60	3	1,941.72	3	1,597.85	3	1,253.98	3	910.11	3	566.24	3	222.36	3	3		3		3
1/4	2,278.44	1/4	1,934.56	1/4	1,590.69	1/4	1,246.82	1/4	902.95	1/4	559.08	1/4	215.20	1/4	1/4		1/4		1/4
1/2	2,271.27	1/2	1,927.40	1/2	1,583.53	1/2	1,239.65	1/2	895.78	1/2	551.91	1/2	208.04	1/2	1/2		1/2		1/2
3/4	2,264.11	3/4	1,920.23	3/4	1,576.36	3/4	1,232.49	3/4	888.62	3/4	544.75	3/4	200.87	3/4	3/4		3/4		3/4
4	2,256.94	4	1,913.07	4	1,569.20	4	1,225.32	4	881.45	4	537.58	4	193.71	4	4		4		4
1/4	2,249.78	1/4	1,905.91	1/4	1,562.04	1/4	1,218.16	1/4	874.29	1/4	530.42	1/4	186.55	1/4	1/4		1/4		1/4
1/2	2,242.61	1/2	1,898.74	1/2	1,554.87	1/2	1,211.00	1/2	867.13	1/2	523.25	1/2	179.38	1/2	1/2		1/2		1/2
3/4	2,235.45	3/4	1,891.58	3/4	1,547.71	3/4	1,203.83	3/4	859.96	3/4	516.09	3/4	172.22	3/4	3/4		3/4		3/4
5	2,228.28	5	1,884.41	5	1,540.54	5	1,196.67	5	852.80	5	508.92	5	165.05	5	5		5		5
1/4	2,221.12	1/4	1,877.25	1/4	1,533.38	1/4	1,189.51	1/4	845.64	1/4	501.76	1/4	157.89	1/4	1/4		1/4		1/4
1/2	2,213.96	1/2	1,870.09	1/2	1,526.21	1/2	1,182.34	1/2	838.47	1/2	494.59	1/2	150.73	1/2	1/2		1/2		1/2
3/4	2,206.79	3/4	1,862.92	3/4	1,519.05	3/4	1,175.18	3/4	831.31	3/4	487.43	3/4	143.56	3/4	3/4		3/4		3/4
6	2,199.63	6	1,855.76	6	1,511.88	6	1,168.01	6	824.14	6	480.27	6	136.40	6	6		6		6
1/4	2,192.47	1/4	1,848.60	1/4	1,504.72	1/4	1,160.85	1/4	816.98	1/4	473.10	1/4	129.24	1/4	1/4		1/4		1/4
1/2	2,185.30	1/2	1,841.43	1/2	1,497.56	1/2	1,153.69	1/2	809.81	1/2	465.94	1/2	122.07	1/2	1/2		1/2		1/2
3/4	2,178.14	3/4	1,834.27	3/4	1,490.39	3/4	1,146.52	3/4	802.65	3/4	458.77	3/4	114.91	3/4	3/4		3/4		3/4
7	2,170.97	7	1,827.10	7	1,483.23	7	1,139.36	7	795.48	7	451.61	7	107.74	7	7		7		7
1/4	2,163.81	1/4	1,819.94	1/4	1,476.07	1/4	1,132.20	1/4	788.32	1/4	444.45	1/4	100.58	1/4	1/4		1/4		1/4
1/2	2,156.65	1/2	1,812.77	1/2	1,468.90	1/2	1,125.03	1/2	781.16	1/2	437.29	1/2	93.41	1/2	1/2		1/2		1/2
3/4	2,149.48	3/4	1,805.61	3/4	1,461.74	3/4	1,117.87	3/4	773.99	3/4	430.12	3/4	86.25	3/4	3/4		3/4		3/4
8	2,142.32	8	1,798.44	8	1,454.57	8	1,110.70	8	766.83	8	422.96	8	79.08	8	8		8		8
1/4	2,135.16	1/4	1,791.28	1/4	1,447.41	1/4	1,103.54	1/4	759.67	1/4	415.80	1/4	72.12	1/4	1/4		1/4		1/4
1/2	2,127.99	1/2	1,784.12	1/2	1,440.25	1/2	1,096.37	1/2	752.50	1/2	408.63	1/2	65.16	1/2	1/2		1/2		1/2
3/4	2,120.83	3/4	1,776.95	3/4	1,433.08	3/4	1,089.21	3/4	745.34	3/4	401.47	3/4	58.19	3/4	3/4		3/4		3/4
9	2,113.66	9	1,769.79	9	1,425.92	9	1,082.04	9	738.17	9	394.30	9	51.23	9	9		9		9
1/4	2,106.50	1/4	1,762.63	1/4	1,418.76	1/4	1,074.88	1/4	731.01	1/4	387.14	1/4	45.66	1/4	1/4		1/4		1/4
1/2	2,099.33	1/2	1,755.46	1/2	1,411.59	1/2	1,067.72	1/2	723.85	1/2	379.97	1/2	40.09	1/2	1/2		1/2		1/2
3/4	2,092.17	3/4	1,748.30	3/4	1,404.43	3/4	1,060.55	3/4	716.68	3/4	372.81	3/4	34.52	3/4	3/4		3/4		3/4
10	2,085.00	10	1,741.13	10	1,397.26	10	1,053.39	10	709.52	10	365.64	10	28.95	10	10		10		10
1/4	2,077.84	1/4	1,733.97	1/4	1,390.10	1/4	1,046.23	1/4	702.36	1/4	358.48	1/4	24.97	1/4	1/4		1/4		1/4
1/2	2,070.68	1/2	1,726.81	1/2	1,382.93	1/2	1,039.06	1/2	695.19	1/2	351.32	1/2	21.00	1/2	1/2		1/2		1/2
3/4	2,063.51	3/4	1,719.64	3/4	1,375.77	3/4	1,031.90	3/4	688.03	3/4	344.15	3/4	17.02	3/4	3/4		3/4		3/4
11	2,056.35	11	1,712.48	11	1,368.60	11	1,024.73	11	680.86	11	336.99	11	13.04	11	11		11		11
1/4	2,049.19	1/4	1,705.32	1/4	1,361.44	1/4	1,017.57	1/4	673.65	1/4	329.83	1/4		1/4	1/4		1/4		1/4
1/2	2,042.02	1/2	1,698.15	1/2	1,354.28	1/2	1,010.41	1/2	666.44	1/2	322.66	1/2		1/2	1/2		1/2		1/2
3/4	2,034.86	3/4	1,690.99	3/4	1,347.11	3/4	1,003.24	3/4	659.23	3/4	315.50	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/2003 INSP.
RECOMPUTED: 07/05/2023 JS
VERIFIED: 07/03/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2023

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



BARGE "MMI 3030"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	4,771.51	0	4,427.63	0	4,083.76	0	3,739.89	0	3,396.02	0	3,052.15	0	2,708.28
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,764.34	1/4	4,420.47	1/4	4,076.59	1/4	3,732.72	1/4	3,388.85	1/4	3,044.98	1/4	2,701.11
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,757.18	1/2	4,413.30	1/2	4,069.43	1/2	3,725.56	1/2	3,381.69	1/2	3,037.82	1/2	2,693.95
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,750.01	3/4	4,406.14	3/4	4,062.27	3/4	3,718.40	3/4	3,374.52	3/4	3,030.65	3/4	2,686.78
1		1		1		1	4,742.85	1	4,398.97	1	4,055.10	1	3,711.23	1	3,367.36	1	3,023.49	1	2,679.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,735.69	1/4	4,391.81	1/4	4,047.94	1/4	3,704.07	1/4	3,360.20	1/4	3,016.33	1/4	2,672.45
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,728.52	1/2	4,384.64	1/2	4,040.77	1/2	3,696.90	1/2	3,353.03	1/2	3,009.16	1/2	2,665.29
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,721.36	3/4	4,377.48	3/4	4,033.61	3/4	3,689.74	3/4	3,345.87	3/4	3,002.00	3/4	2,658.12
2		2		2		2	4,714.20	2	4,370.32	2	4,026.45	2	3,682.57	2	3,338.71	2	2,994.84	2	2,650.96
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,707.03	1/4	4,363.15	1/4	4,019.28	1/4	3,675.41	1/4	3,331.54	1/4	2,987.69	1/4	2,643.80
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,699.87	1/2	4,355.99	1/2	4,012.12	1/2	3,668.24	1/2	3,324.38	1/2	2,980.53	1/2	2,636.63
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,692.70	3/4	4,348.83	3/4	4,004.96	3/4	3,661.08	3/4	3,317.21	3/4	2,973.37	3/4	2,629.47
3		3		3		3	4,685.54	3	4,341.66	3	3,997.79	3	3,653.92	3	3,310.05	3	2,966.20	3	2,622.31
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,678.37	1/4	4,334.50	1/4	3,990.63	1/4	3,646.75	1/4	3,302.89	1/4	2,959.03	1/4	2,615.14
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,671.21	1/2	4,327.33	1/2	3,983.46	1/2	3,639.59	1/2	3,295.72	1/2	2,951.85	1/2	2,607.98
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,664.04	3/4	4,320.17	3/4	3,976.30	3/4	3,632.43	3/4	3,288.56	3/4	2,944.68	3/4	2,600.81
4		4		4		4	4,656.88	4	4,313.01	4	3,969.13	4	3,625.26	4	3,281.40	4	2,937.52	4	2,593.65
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,649.72	1/4	4,305.84	1/4	3,961.97	1/4	3,618.10	1/4	3,274.23	1/4	2,930.36	1/4	2,586.49
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,642.55	1/2	4,298.68	1/2	3,954.80	1/2	3,610.93	1/2	3,267.07	1/2	2,923.19	1/2	2,579.32
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,900.38	3/4	4,635.39	3/4	4,291.52	3/4	3,947.64	3/4	3,603.77	3/4	3,259.90	3/4	2,916.03
5		5		5		5	4,899.57	5	4,628.23	5	4,284.35	5	3,940.48	5	3,596.61	5	3,252.74	5	2,908.87
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,898.76	1/4	4,621.06	1/4	4,277.19	1/4	3,933.31	1/4	3,589.44	1/4	3,245.57	1/4	2,901.70
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,897.95	1/2	4,613.90	1/2	4,270.02	1/2	3,926.15	1/2	3,582.28	1/2	3,238.41	1/2	2,894.54
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,897.14	3/4	4,606.73	3/4	4,262.86	3/4	3,918.99	3/4	3,575.12	3/4	3,231.24	3/4	2,887.37
6		6		6		6	4,895.19	6	4,599.57	6	4,255.69	6	3,911.82	6	3,567.95	6	3,224.08	6	2,880.21
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,893.24	1/4	4,592.41	1/4	4,248.53	1/4	3,904.66	1/4	3,560.79	1/4	3,216.92	1/4	2,873.05
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,891.29	1/2	4,585.24	1/2	4,241.36	1/2	3,897.49	1/2	3,553.62	1/2	3,209.75	1/2	2,865.88
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,889.34	3/4	4,578.08	3/4	4,234.20	3/4	3,890.33	3/4	3,546.46	3/4	3,202.59	3/4	2,858.72
7		7		7		7	4,886.09	7	4,570.92	7	4,227.04	7	3,883.17	7	3,539.29	7	3,195.43	7	2,851.56
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,882.84	1/4	4,563.75	1/4	4,219.87	1/4	3,876.00	1/4	3,532.13	1/4	3,188.26	1/4	2,844.39
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,879.58	1/2	4,556.59	1/2	4,212.71	1/2	3,868.84	1/2	3,524.96	1/2	3,181.10	1/2	2,837.23
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,876.33	3/4	4,549.42	3/4	4,205.55	3/4	3,861.68	3/4	3,517.80	3/4	3,173.93	3/4	2,830.06
8		8		8		8	4,871.78	8	4,542.26	8	4,198.38	8	3,854.51	8	3,510.64	8	3,166.77	8	2,822.90
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,867.22	1/4	4,535.09	1/4	4,191.22	1/4	3,847.35	1/4	3,503.47	1/4	3,159.61	1/4	2,815.73
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,862.67	1/2	4,527.93	1/2	4,184.05	1/2	3,840.18	1/2	3,496.31	1/2	3,152.44	1/2	2,808.57
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,858.11	3/4	4,520.76	3/4	4,176.89	3/4	3,833.02	3/4	3,489.15	3/4	3,145.28	3/4	2,801.40
9		9		9		9	4,852.25	9	4,513.60	9	4,169.73	9	3,825.85	9	3,481.99	9	3,138.12	9	2,794.24
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,846.39	1/4	4,506.44	1/4	4,162.56	1/4	3,818.69	1/4	3,474.82	1/4	3,130.95	1/4	2,787.08
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,840.53	1/2	4,499.27	1/2	4,155.40	1/2	3,811.52	1/2	3,467.66	1/2	3,123.79	1/2	2,779.91
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,834.67	3/4	4,492.11	3/4	4,148.24	3/4	3,804.36	3/4	3,460.49	3/4	3,116.62	3/4	2,772.75
10		10		10		10	4,827.83	10	4,484.95	10	4,141.07	10	3,797.20	10	3,453.33	10	3,109.46	10	2,765.59
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,821.00	1/4	4,477.78	1/4	4,133.91	1/4	3,790.03	1/4	3,446.17	1/4	3,102.29	1/4	2,758.42
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,814.16	1/2	4,470.62	1/2	4,126.74	1/2	3,782.87	1/2	3,439.00	1/2	3,095.13	1/2	2,751.26
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,807.32	3/4	4,463.45	3/4	4,119.58	3/4	3,775.71	3/4	3,431.84	3/4	3,087.96	3/4	2,744.09
11		11		11		11	4,800.16	11	4,456.29	11	4,112.41	11	3,768.54	11	3,424.68	11	3,080.80	11	2,736.93
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,793.00	1/4	4,449.13	1/4	4,105.25	1/4	3,761.38	1/4	3,417.51	1/4	3,073.64	1/4	2,729.77
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,785.83	1/2	4,441.96	1/2	4,098.08	1/2	3,754.21	1/2	3,410.35	1/2	3,066.47	1/2	2,722.60
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,778.67	3/4	4,434.80	3/4	4,090.92	3/4	3,747.05	3/4	3,403.18	3/4	3,059.31	3/4	2,715.44

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 GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-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 "MMI 3030"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	2,364.40	0	2,020.53	0	1,676.66	0	1,332.79	0	988.92	0	644.90	0	301.17	0		0		0	
1/4	2,357.24	1/4	2,013.37	1/4	1,669.49	1/4	1,325.62	1/4	981.75	1/4	637.79	1/4	294.01	1/4	1/4		1/4		1/4
1/2	2,350.07	1/2	2,006.20	1/2	1,662.33	1/2	1,318.46	1/2	974.59	1/2	630.67	1/2	286.84	1/2	1/2		1/2		1/2
3/4	2,342.91	3/4	1,999.04	3/4	1,655.16	3/4	1,311.29	3/4	967.42	3/4	623.55	3/4	279.68	3/4	3/4		3/4		3/4
1	2,335.75	1	1,991.88	1	1,648.00	1	1,304.13	1	960.26	1	616.39	1	272.52	1	1		1		1
1/4	2,328.58	1/4	1,984.71	1/4	1,640.84	1/4	1,296.97	1/4	953.09	1/4	609.22	1/4	265.35	1/4	1/4		1/4		1/4
1/2	2,321.42	1/2	1,977.55	1/2	1,633.67	1/2	1,289.80	1/2	945.93	1/2	602.06	1/2	258.19	1/2	1/2		1/2		1/2
3/4	2,314.25	3/4	1,970.38	3/4	1,626.51	3/4	1,282.64	3/4	938.76	3/4	594.89	3/4	251.02	3/4	3/4		3/4		3/4
2	2,307.09	2	1,963.22	2	1,619.35	2	1,275.48	2	931.60	2	587.73	2	243.86	2	2		2		2
1/4	2,299.93	1/4	1,956.05	1/4	1,612.18	1/4	1,268.31	1/4	924.44	1/4	580.57	1/4	236.69	1/4	1/4		1/4		1/4
1/2	2,292.76	1/2	1,948.89	1/2	1,605.02	1/2	1,261.15	1/2	917.27	1/2	573.40	1/2	229.53	1/2	1/2		1/2		1/2
3/4	2,285.60	3/4	1,941.72	3/4	1,597.85	3/4	1,253.98	3/4	910.11	3/4	566.24	3/4	222.36	3/4	3/4		3/4		3/4
3	2,278.44	3	1,934.56	3	1,590.69	3	1,246.82	3	902.95	3	559.08	3	215.20	3	3		3		3
1/4	2,271.27	1/4	1,927.40	1/4	1,583.53	1/4	1,239.65	1/4	895.78	1/4	551.91	1/4	208.04	1/4	1/4		1/4		1/4
1/2	2,264.11	1/2	1,920.23	1/2	1,576.36	1/2	1,232.49	1/2	888.62	1/2	544.75	1/2	200.87	1/2	1/2		1/2		1/2
3/4	2,256.94	3/4	1,913.07	3/4	1,569.20	3/4	1,225.32	3/4	881.45	3/4	537.58	3/4	193.71	3/4	3/4		3/4		3/4
4	2,249.78	4	1,905.91	4	1,562.04	4	1,218.16	4	874.29	4	530.42	4	186.55	4	4		4		4
1/4	2,242.61	1/4	1,898.74	1/4	1,554.87	1/4	1,211.00	1/4	867.13	1/4	523.25	1/4	179.38	1/4	1/4		1/4		1/4
1/2	2,235.45	1/2	1,891.58	1/2	1,547.71	1/2	1,203.83	1/2	859.96	1/2	516.09	1/2	172.22	1/2	1/2		1/2		1/2
3/4	2,228.28	3/4	1,884.41	3/4	1,540.54	3/4	1,196.67	3/4	852.80	3/4	508.92	3/4	165.05	3/4	3/4		3/4		3/4
5	2,221.12	5	1,877.25	5	1,533.38	5	1,189.51	5	845.64	5	501.76	5	157.89	5	5		5		5
1/4	2,213.96	1/4	1,870.09	1/4	1,526.21	1/4	1,182.34	1/4	838.47	1/4	494.59	1/4	150.73	1/4	1/4		1/4		1/4
1/2	2,206.79	1/2	1,862.92	1/2	1,519.05	1/2	1,175.18	1/2	831.31	1/2	487.43	1/2	143.56	1/2	1/2		1/2		1/2
3/4	2,199.63	3/4	1,855.76	3/4	1,511.88	3/4	1,168.01	3/4	824.14	3/4	480.27	3/4	136.40	3/4	3/4		3/4		3/4
6	2,192.47	6	1,848.60	6	1,504.72	6	1,160.85	6	816.98	6	473.10	6	129.24	6	6		6		6
1/4	2,185.30	1/4	1,841.43	1/4	1,497.56	1/4	1,153.69	1/4	809.81	1/4	465.94	1/4	122.07	1/4	1/4		1/4		1/4
1/2	2,178.14	1/2	1,834.27	1/2	1,490.39	1/2	1,146.52	1/2	802.65	1/2	458.77	1/2	114.91	1/2	1/2		1/2		1/2
3/4	2,170.97	3/4	1,827.10	3/4	1,483.23	3/4	1,139.36	3/4	795.48	3/4	451.61	3/4	107.74	3/4	3/4		3/4		3/4
7	2,163.81	7	1,819.94	7	1,476.07	7	1,132.20	7	788.32	7	444.45	7	100.58	7	7		7		7
1/4	2,156.65	1/4	1,812.77	1/4	1,468.90	1/4	1,125.03	1/4	781.16	1/4	437.29	1/4	93.41	1/4	1/4		1/4		1/4
1/2	2,149.48	1/2	1,805.61	1/2	1,461.74	1/2	1,117.87	1/2	773.99	1/2	430.12	1/2	86.25	1/2	1/2		1/2		1/2
3/4	2,142.32	3/4	1,798.44	3/4	1,454.57	3/4	1,110.70	3/4	766.83	3/4	422.96	3/4	79.08	3/4	3/4		3/4		3/4
8	2,135.16	8	1,791.28	8	1,447.41	8	1,103.54	8	759.67	8	415.80	8	72.12	8	8		8		8
1/4	2,127.99	1/4	1,784.12	1/4	1,440.25	1/4	1,096.37	1/4	752.50	1/4	408.63	1/4	65.16	1/4	1/4		1/4		1/4
1/2	2,120.83	1/2	1,776.95	1/2	1,433.08	1/2	1,089.21	1/2	745.34	1/2	401.47	1/2	58.19	1/2	1/2		1/2		1/2
3/4	2,113.66	3/4	1,769.79	3/4	1,425.92	3/4	1,082.04	3/4	738.17	3/4	394.30	3/4	51.23	3/4	3/4		3/4		3/4
9	2,106.50	9	1,762.63	9	1,418.76	9	1,074.88	9	731.01	9	387.14	9	45.66	9	9		9		9
1/4	2,099.33	1/4	1,755.46	1/4	1,411.59	1/4	1,067.72	1/4	723.85	1/4	379.97	1/4	40.09	1/4	1/4		1/4		1/4
1/2	2,092.17	1/2	1,748.30	1/2	1,404.43	1/2	1,060.55	1/2	716.68	1/2	372.81	1/2	34.52	1/2	1/2		1/2		1/2
3/4	2,085.00	3/4	1,741.13	3/4	1,397.26	3/4	1,053.39	3/4	709.52	3/4	365.64	3/4	28.95	3/4	3/4		3/4		3/4
10	2,077.84	10	1,733.97	10	1,390.10	10	1,046.23	10	702.36	10	358.48	10	24.97	10	10		10		10
1/4	2,070.68	1/4	1,726.81	1/4	1,382.93	1/4	1,039.06	1/4	695.19	1/4	351.32	1/4	21.00	1/4	1/4		1/4		1/4
1/2	2,063.51	1/2	1,719.64	1/2	1,375.77	1/2	1,031.90	1/2	688.03	1/2	344.15	1/2	17.02	1/2	1/2		1/2		1/2
3/4	2,056.35	3/4	1,712.48	3/4	1,368.60	3/4	1,024.73	3/4	680.86	3/4	336.99	3/4	13.04	3/4	3/4		3/4		3/4
11	2,049.19	11	1,705.32	11	1,361.44	11	1,017.57	11	673.65	11	329.83	11		11	11		11		11
1/4	2,042.02	1/4	1,698.15	1/4	1,354.28	1/4	1,010.41	1/4	666.44	1/4	322.66	1/4		1/4	1/4		1/4		1/4
1/2	2,034.86	1/2	1,690.99	1/2	1,347.11	1/2	1,003.24	1/2	659.23	1/2	315.50	1/2		1/2	1/2		1/2		1/2
3/4	2,027.69	3/4	1,683.82	3/4	1,339.95	3/4	996.08	3/4	652.02	3/4	308.33	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/2003 INSP.
RECOMPUTED: 07/03/2023 JS
VERIFIED: 07/05/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2023

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



BARGE "MMI 3030"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 1/2"

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	4,709.88	0	4,429.46	0	4,149.05	0	3,868.63	0	3,585.91	0	3,232.03	0	2,867.04		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,704.03	1/4	4,423.62	1/4	4,143.20	1/4	3,862.78	1/4	3,579.53	1/4	3,224.43	1/4	2,859.44		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,698.19	1/2	4,417.78	1/2	4,137.36	1/2	3,856.94	1/2	3,573.14	1/2	3,216.82	1/2	2,851.83		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,692.35	3/4	4,411.94	3/4	4,131.52	3/4	3,851.10	3/4	3,566.49	3/4	3,209.22	3/4	2,844.23		
1		1		1		1	4,686.51	1	4,406.10	1	4,125.68	1	3,845.26	1	3,559.83	1	3,201.62	1	2,836.63		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,680.66	1/4	4,400.25	1/4	4,119.83	1/4	3,839.42	1/4	3,553.18	1/4	3,194.01	1/4	2,829.02		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,674.82	1/2	4,394.41	1/2	4,113.99	1/2	3,833.58	1/2	3,546.52	1/2	3,186.41	1/2	2,821.42		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,668.98	3/4	4,388.57	3/4	4,108.15	3/4	3,827.74	3/4	3,539.60	3/4	3,178.81	3/4	2,813.82		
2		2		2		2	4,663.14	2	4,382.73	2	4,102.31	2	3,821.90	2	3,532.67	2	3,171.20	2	2,806.21		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,657.30	1/4	4,376.88	1/4	4,096.46	1/4	3,816.05	1/4	3,525.75	1/4	3,163.60	1/4	2,798.61		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,651.46	1/2	4,371.04	1/2	4,090.62	1/2	3,810.21	1/2	3,518.82	1/2	3,155.99	1/2	2,791.00		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,645.62	3/4	4,365.20	3/4	4,084.78	3/4	3,804.37	3/4	3,511.62	3/4	3,148.39	3/4	2,783.40		
3		3		3		3	4,639.78	3	4,359.36	3	4,078.94	3	3,798.53	3	3,504.42	3	3,140.79	3	2,775.79		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,633.93	1/4	4,353.51	1/4	4,073.10	1/4	3,792.68	1/4	3,497.22	1/4	3,133.18	1/4	2,768.19		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,628.09	1/2	4,347.67	1/2	4,067.26	1/2	3,786.84	1/2	3,490.02	1/2	3,125.58	1/2	2,760.58		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,622.25	3/4	4,341.83	3/4	4,061.42	3/4	3,781.00	3/4	3,482.55	3/4	3,117.98	3/4	2,752.98		
4		4		4		4	4,616.41	4	4,335.99	4	4,055.58	4	3,775.16	4	3,475.09	4	3,110.37	4	2,745.38		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,610.56	1/4	4,330.14	1/4	4,049.73	1/4	3,769.31	1/4	3,467.62	1/4	3,102.77	1/4	2,737.77		
1/2	1/2	1/2	4,820.86	1/2	4,604.72	1/2	4,324.30	1/2	4,043.89	1/2	3,763.47	1/2	3,460.15	1/2	3,095.16	1/2	2,730.17	1/2	2,730.17		
3/4	3/4	3/4	4,820.20	3/4	4,598.88	3/4	4,318.46	3/4	4,038.05	3/4	3,757.63	3/4	3,452.55	3/4	3,087.56	3/4	2,722.57	3/4	2,722.57		
5		5		5		5	4,593.04	5	4,312.62	5	4,032.21	5	3,751.79	5	3,444.95	5	3,079.95	5	2,714.96		
1/4	1/4	1/4	4,818.87	1/4	4,587.19	1/4	4,306.78	1/4	4,026.36	1/4	3,745.94	1/4	3,437.34	1/4	3,072.35	1/4	2,707.36	1/4	2,707.36		
1/2	1/2	1/2	4,818.21	1/2	4,581.35	1/2	4,300.94	1/2	4,020.52	1/2	3,740.10	1/2	3,429.74	1/2	3,064.74	1/2	2,699.75	1/2	2,699.75		
3/4	3/4	3/4	4,816.62	3/4	4,575.51	3/4	4,295.10	3/4	4,014.68	3/4	3,734.26	3/4	3,422.14	3/4	3,057.14	3/4	2,692.15	3/4	2,692.15		
6		6		6		6	4,815.03	6	4,569.67	6	4,289.26	6	4,008.84	6	3,728.42	6	3,414.53	6	3,049.54	6	2,684.55
1/4	1/4	1/4	4,813.43	1/4	4,563.82	1/4	4,283.41	1/4	4,002.99	1/4	3,722.58	1/4	3,406.93	1/4	3,041.93	1/4	2,676.94	1/4	2,676.94		
1/2	1/2	1/2	4,811.84	1/2	4,557.98	1/2	4,277.57	1/2	3,997.15	1/2	3,716.74	1/2	3,399.32	1/2	3,034.33	1/2	2,669.34	1/2	2,669.34		
3/4	3/4	3/4	4,809.19	3/4	4,552.14	3/4	4,271.73	3/4	3,991.31	3/4	3,710.90	3/4	3,391.72	3/4	3,026.73	3/4	2,661.74	3/4	2,661.74		
7		7		7		7	4,806.53	7	4,546.30	7	4,265.89	7	3,985.47	7	3,705.06	7	3,384.11	7	3,019.12	7	2,654.13
1/4	1/4	1/4	4,803.88	1/4	4,540.46	1/4	4,260.04	1/4	3,979.62	1/4	3,699.21	1/4	3,376.51	1/4	3,011.52	1/4	2,646.53	1/4	2,646.53		
1/2	1/2	1/2	4,801.22	1/2	4,534.62	1/2	4,254.20	1/2	3,973.78	1/2	3,693.37	1/2	3,368.90	1/2	3,003.91	1/2	2,638.92	1/2	2,638.92		
3/4	3/4	3/4	4,797.50	3/4	4,528.78	3/4	4,248.36	3/4	3,967.94	3/4	3,687.53	3/4	3,361.30	3/4	2,996.31	3/4	2,631.32	3/4	2,631.32		
8		8		8		8	4,793.79	8	4,522.94	8	4,242.52	8	3,962.10	8	3,681.69	8	3,353.70	8	2,988.71	8	2,623.71
1/4	1/4	1/4	4,790.07	1/4	4,517.09	1/4	4,236.67	1/4	3,956.26	1/4	3,675.84	1/4	3,346.09	1/4	2,981.10	1/4	2,616.11	1/4	2,616.11		
1/2	1/2	1/2	4,786.35	1/2	4,511.25	1/2	4,230.83	1/2	3,950.42	1/2	3,670.00	1/2	3,338.49	1/2	2,973.50	1/2	2,608.50	1/2	2,608.50		
3/4	3/4	3/4	4,781.57	3/4	4,505.41	3/4	4,224.99	3/4	3,944.58	3/4	3,664.16	3/4	3,330.89	3/4	2,965.90	3/4	2,600.90	3/4	2,600.90		
9		9		9		9	4,776.79	9	4,499.57	9	4,219.15	9	3,938.74	9	3,658.32	9	3,323.28	9	2,958.29	9	2,593.30
1/4	1/4	1/4	4,772.01	1/4	4,493.72	1/4	4,213.30	1/4	3,932.89	1/4	3,652.47	1/4	3,315.68	1/4	2,950.69	1/4	2,585.69	1/4	2,585.69		
1/2	1/2	1/2	4,767.23	1/2	4,487.88	1/2	4,207.46	1/2	3,927.05	1/2	3,646.63	1/2	3,308.07	1/2	2,943.08	1/2	2,578.09	1/2	2,578.09		
3/4	3/4	3/4	4,761.66	3/4	4,482.04	3/4	4,201.62	3/4	3,921.21	3/4	3,640.76	3/4	3,300.47	3/4	2,935.48	3/4	2,570.49	3/4	2,570.49		
10		10		10		10	4,756.08	10	4,476.20	10	4,195.78	10	3,915.37	10	3,634.88	10	3,292.87	10	2,927.87	10	2,562.88
1/4	1/4	1/4	4,750.51	1/4	4,470.35	1/4	4,189.94	1/4	3,909.52	1/4	3,629.01	1/4	3,285.26	1/4	2,920.27	1/4	2,555.28	1/4	2,555.28		
1/2	1/2	1/2	4,744.93	1/2	4,464.51	1/2	4,184.10	1/2	3,903.68	1/2	3,623.13	1/2	3,277.66	1/2	2,912.66	1/2	2,547.67	1/2	2,547.67		
3/4	3/4	3/4	4,739.09	3/4	4,458.67	3/4	4,178.26	3/4	3,897.84	3/4	3,617.02	3/4	3,270.06	3/4	2,905.06	3/4	2,540.07	3/4	2,540.07		
11		11		11		11	4,733.25	11	4,452.83	11	4,172.42	11	3,892.00	11	3,610.91	11	3,262.45	11	2,897.46	11	2,532.47
1/4	1/4	1/4	4,727.40	1/4	4,446.98	1/4	4,166.57	1/4	3,886.15	1/4	3,604.79	1/4	3,254.85	1/4	2,889.85	1/4	2,524.86	1/4	2,524.86		
1/2	1/2	1/2	4,721.56	1/2	4,441.14	1/2	4,160.73	1/2	3,880.31	1/2	3,598.68	1/2	3,247.24	1/2	2,882.25	1/2	2,517.26	1/2	2,517.26		
3/4	3/4	3/4	4,715.72	3/4	4,435.30	3/4	4,154.89	3/4	3,874.47	3/4	3,592.30	3/4	3,239.64	3/4	2,874.65	3/4	2,509.66	3/4	2,509.66		

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "MMI 3030"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 1/2"

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	2,502.05	0	2,137.06	0	1,772.07	0	1,407.07	0	1,042.08	0	677.09	0	312.10	0		0		0	
1/4	2,494.45	1/4	2,129.45	1/4	1,764.46	1/4	1,399.47	1/4	1,034.48	1/4	669.49	1/4	304.49	1/4	1/4		1/4		1/4
1/2	2,486.84	1/2	2,121.85	1/2	1,756.86	1/2	1,391.86	1/2	1,026.87	1/2	661.88	1/2	296.89	1/2	1/2		1/2		1/2
3/4	2,479.24	3/4	2,114.25	3/4	1,749.26	3/4	1,384.26	3/4	1,019.27	3/4	654.28	3/4	289.29	3/4	3/4		3/4		3/4
1	2,471.63	1	2,106.64	1	1,741.65	1	1,376.66	1	1,011.67	1	646.67	1	281.68	1	1		1		1
1/4	2,464.03	1/4	2,099.04	1/4	1,734.05	1/4	1,369.05	1/4	1,004.06	1/4	639.07	1/4	274.08	1/4	1/4		1/4		1/4
1/2	2,456.42	1/2	2,091.43	1/2	1,726.44	1/2	1,361.45	1/2	996.46	1/2	631.46	1/2	266.47	1/2	1/2		1/2		1/2
3/4	2,448.82	3/4	2,083.83	3/4	1,718.84	3/4	1,353.85	3/4	988.86	3/4	623.86	3/4	258.87	3/4	3/4		3/4		3/4
2	2,441.22	2	2,076.23	2	1,711.23	2	1,346.24	2	981.25	2	616.26	2	251.27	2	2		2		2
1/4	2,433.61	1/4	2,068.62	1/4	1,703.63	1/4	1,338.64	1/4	973.65	1/4	608.65	1/4	243.66	1/4	1/4		1/4		1/4
1/2	2,426.01	1/2	2,061.02	1/2	1,696.02	1/2	1,331.03	1/2	966.04	1/2	601.05	1/2	236.06	1/2	1/2		1/2		1/2
3/4	2,418.41	3/4	2,053.42	3/4	1,688.42	3/4	1,323.43	3/4	958.44	3/4	593.45	3/4	228.46	3/4	3/4		3/4		3/4
3	2,410.80	3	2,045.81	3	1,680.82	3	1,315.83	3	950.83	3	585.84	3	220.85	3	3		3		3
1/4	2,403.20	1/4	2,038.21	1/4	1,673.21	1/4	1,308.22	1/4	943.23	1/4	578.24	1/4	213.25	1/4	1/4		1/4		1/4
1/2	2,395.59	1/2	2,030.60	1/2	1,665.61	1/2	1,300.62	1/2	935.62	1/2	570.63	1/2	205.64	1/2	1/2		1/2		1/2
3/4	2,387.99	3/4	2,023.00	3/4	1,658.01	3/4	1,293.02	3/4	928.02	3/4	563.03	3/4	198.04	3/4	3/4		3/4		3/4
4	2,380.39	4	2,015.39	4	1,650.40	4	1,285.41	4	920.42	4	555.43	4	190.43	4	4		4		4
1/4	2,372.78	1/4	2,007.79	1/4	1,642.80	1/4	1,277.81	1/4	912.81	1/4	547.82	1/4	182.83	1/4	1/4		1/4		1/4
1/2	2,365.18	1/2	2,000.18	1/2	1,635.19	1/2	1,270.20	1/2	905.21	1/2	540.22	1/2	175.22	1/2	1/2		1/2		1/2
3/4	2,357.58	3/4	1,992.58	3/4	1,627.59	3/4	1,262.60	3/4	897.61	3/4	532.62	3/4	167.62	3/4	3/4		3/4		3/4
5	2,349.97	5	1,984.98	5	1,619.99	5	1,254.99	5	890.00	5	525.01	5	160.02	5	5		5		5
1/4	2,342.37	1/4	1,977.37	1/4	1,612.38	1/4	1,247.39	1/4	882.40	1/4	517.41	1/4	152.41	1/4	1/4		1/4		1/4
1/2	2,334.76	1/2	1,969.77	1/2	1,604.78	1/2	1,239.78	1/2	874.79	1/2	509.80	1/2	144.81	1/2	1/2		1/2		1/2
3/4	2,327.16	3/4	1,962.17	3/4	1,597.18	3/4	1,232.18	3/4	867.19	3/4	502.20	3/4	137.21	3/4	3/4		3/4		3/4
6	2,319.55	6	1,954.56	6	1,589.57	6	1,224.58	6	859.59	6	494.59	6	129.60	6	6		6		6
1/4	2,311.95	1/4	1,946.96	1/4	1,581.97	1/4	1,216.97	1/4	851.98	1/4	486.99	1/4	122.00	1/4	1/4		1/4		1/4
1/2	2,304.34	1/2	1,939.35	1/2	1,574.36	1/2	1,209.37	1/2	844.38	1/2	479.38	1/2	114.39	1/2	1/2		1/2		1/2
3/4	2,296.74	3/4	1,931.75	3/4	1,566.76	3/4	1,201.77	3/4	836.78	3/4	471.78	3/4	106.79	3/4	3/4		3/4		3/4
7	2,289.14	7	1,924.15	7	1,559.15	7	1,194.16	7	829.17	7	464.18	7	99.19	7	7		7		7
1/4	2,281.53	1/4	1,916.54	1/4	1,551.55	1/4	1,186.56	1/4	821.57	1/4	456.57	1/4	91.58	1/4	1/4		1/4		1/4
1/2	2,273.93	1/2	1,908.94	1/2	1,543.94	1/2	1,178.95	1/2	813.96	1/2	448.97	1/2	83.98	1/2	1/2		1/2		1/2
3/4	2,266.33	3/4	1,901.34	3/4	1,536.34	3/4	1,171.35	3/4	806.36	3/4	441.37	3/4	76.59	3/4	3/4		3/4		3/4
8	2,258.72	8	1,893.73	8	1,528.74	8	1,163.75	8	798.75	8	433.76	8	69.19	8	8		8		8
1/4	2,251.12	1/4	1,886.13	1/4	1,521.13	1/4	1,156.14	1/4	791.15	1/4	426.16	1/4	61.80	1/4	1/4		1/4		1/4
1/2	2,243.51	1/2	1,878.52	1/2	1,513.53	1/2	1,148.54	1/2	783.54	1/2	418.55	1/2	54.40	1/2	1/2		1/2		1/2
3/4	2,235.91	3/4	1,870.92	3/4	1,505.93	3/4	1,140.94	3/4	775.94	3/4	410.95	3/4	48.49	3/4	3/4		3/4		3/4
9	2,228.31	9	1,863.31	9	1,498.32	9	1,133.33	9	768.34	9	403.35	9	42.58	9	9		9		9
1/4	2,220.70	1/4	1,855.71	1/4	1,490.72	1/4	1,125.73	1/4	760.73	1/4	395.74	1/4	36.66	1/4	1/4		1/4		1/4
1/2	2,213.10	1/2	1,848.10	1/2	1,483.11	1/2	1,118.12	1/2	753.13	1/2	388.14	1/2	30.75	1/2	1/2		1/2		1/2
3/4	2,205.50	3/4	1,840.50	3/4	1,475.51	3/4	1,110.52	3/4	745.53	3/4	380.54	3/4	26.53	3/4	3/4		3/4		3/4
10	2,197.89	10	1,832.90	10	1,467.91	10	1,102.91	10	737.92	10	372.93	10	22.30	10	10		10		10
1/4	2,190.29	1/4	1,825.29	1/4	1,460.30	1/4	1,095.31	1/4	730.32	1/4	365.33	1/4	18.08	1/4	1/4		1/4		1/4
1/2	2,182.68	1/2	1,817.69	1/2	1,452.70	1/2	1,087.70	1/2	722.71	1/2	357.72	1/2	13.85	1/2	1/2		1/2		1/2
3/4	2,175.08	3/4	1,810.09	3/4	1,445.10	3/4	1,080.10	3/4	715.11	3/4	350.12	3/4		3/4	3/4		3/4		3/4
11	2,167.47	11	1,802.48	11	1,437.49	11	1,072.50	11	707.51	11	342.51	11		11	11		11		11
1/4	2,159.87	1/4	1,794.88	1/4	1,429.89	1/4	1,064.89	1/4	699.90	1/4	334.91	1/4		1/4	1/4		1/4		1/4
1/2	2,152.26	1/2	1,787.27	1/2	1,422.28	1/2	1,057.29	1/2	692.30	1/2	327.30	1/2		1/2	1/2		1/2		1/2
3/4	2,144.66	3/4	1,779.67	3/4	1,414.68	3/4	1,049.69	3/4	684.70	3/4	319.70	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/2003 INSP.
RECOMPUTED: 07/05/2023 JS
VERIFIED: 07/03/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "MMI 3030"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	4,715.72	0	4,435.30	0	4,154.89	0	3,874.47	0	3,592.30	0	3,239.64	0	2,874.65		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,709.88	1/4	4,429.46	1/4	4,149.05	1/4	3,868.63	1/4	3,585.91	1/4	3,232.03	1/4	2,867.04		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,704.03	1/2	4,423.62	1/2	4,143.20	1/2	3,862.78	1/2	3,579.53	1/2	3,224.43	1/2	2,859.44		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,698.19	3/4	4,417.78	3/4	4,137.36	3/4	3,856.94	3/4	3,573.14	3/4	3,216.82	3/4	2,851.83		
1		1		1		1	4,692.35	1	4,411.94	1	4,131.52	1	3,851.10	1	3,566.49	1	3,209.22	1	2,844.23		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,686.51	1/4	4,406.10	1/4	4,125.68	1/4	3,845.26	1/4	3,559.83	1/4	3,201.62	1/4	2,836.63		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,680.66	1/2	4,400.25	1/2	4,119.83	1/2	3,839.42	1/2	3,553.18	1/2	3,194.01	1/2	2,829.02		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,674.82	3/4	4,394.41	3/4	4,113.99	3/4	3,833.58	3/4	3,546.52	3/4	3,186.41	3/4	2,821.42		
2		2		2		2	4,668.98	2	4,388.57	2	4,108.15	2	3,827.74	2	3,539.60	2	3,178.81	2	2,813.82		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,663.14	1/4	4,382.73	1/4	4,102.31	1/4	3,821.90	1/4	3,532.67	1/4	3,171.20	1/4	2,806.21		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,657.30	1/2	4,376.88	1/2	4,096.46	1/2	3,816.05	1/2	3,525.75	1/2	3,163.60	1/2	2,798.61		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,651.46	3/4	4,371.04	3/4	4,090.62	3/4	3,810.21	3/4	3,518.82	3/4	3,155.99	3/4	2,791.00		
3		3		3		3	4,645.62	3	4,365.20	3	4,084.78	3	3,804.37	3	3,511.62	3	3,148.39	3	2,783.40		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,639.78	1/4	4,359.36	1/4	4,078.94	1/4	3,798.53	1/4	3,504.42	1/4	3,140.79	1/4	2,775.79		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,633.93	1/2	4,353.51	1/2	4,073.10	1/2	3,792.68	1/2	3,497.22	1/2	3,133.18	1/2	2,768.19		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,628.09	3/4	4,347.67	3/4	4,067.26	3/4	3,786.84	3/4	3,490.02	3/4	3,125.58	3/4	2,760.58		
4		4		4		4	4,622.25	4	4,341.83	4	4,061.42	4	3,781.00	4	3,482.55	4	3,117.98	4	2,752.98		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,616.41	1/4	4,335.99	1/4	4,055.58	1/4	3,775.16	1/4	3,475.09	1/4	3,110.37	1/4	2,745.38		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,610.56	1/2	4,330.14	1/2	4,049.73	1/2	3,769.31	1/2	3,467.62	1/2	3,102.77	1/2	2,737.77		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,820.86	3/4	4,604.72	3/4	4,324.30	3/4	4,043.89	3/4	3,763.47	3/4	3,460.15	3/4	3,095.16	3/4	2,730.17
5		5		5		5	4,598.88	5	4,318.46	5	4,038.05	5	3,757.63	5	3,452.55	5	3,087.56	5	2,722.57		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,819.54	1/4	4,593.04	1/4	4,312.62	1/4	4,032.21	1/4	3,751.79	1/4	3,444.95	1/4	3,079.95	1/4	2,714.96
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,818.87	1/2	4,587.19	1/2	4,306.78	1/2	4,026.36	1/2	3,745.94	1/2	3,437.34	1/2	3,072.35	1/2	2,707.36
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,818.21	3/4	4,581.35	3/4	4,300.94	3/4	4,020.52	3/4	3,740.10	3/4	3,429.74	3/4	3,064.74	3/4	2,699.75
6		6		6		6	4,816.62	6	4,575.51	6	4,295.10	6	4,014.68	6	3,734.26	6	3,422.14	6	3,057.14	6	2,692.15
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,815.03	1/4	4,569.67	1/4	4,289.26	1/4	4,008.84	1/4	3,728.42	1/4	3,414.53	1/4	3,049.54	1/4	2,684.55
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,813.43	1/2	4,563.82	1/2	4,283.41	1/2	4,002.99	1/2	3,722.58	1/2	3,406.93	1/2	3,041.93	1/2	2,676.94
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,811.84	3/4	4,557.98	3/4	4,277.57	3/4	3,997.15	3/4	3,716.74	3/4	3,399.32	3/4	3,034.33	3/4	2,669.34
7		7		7		7	4,809.19	7	4,552.14	7	4,271.73	7	3,991.31	7	3,710.90	7	3,391.72	7	3,026.73	7	2,661.74
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,806.53	1/4	4,546.30	1/4	4,265.89	1/4	3,985.47	1/4	3,705.06	1/4	3,384.11	1/4	3,019.12	1/4	2,654.13
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,803.88	1/2	4,540.46	1/2	4,260.04	1/2	3,979.62	1/2	3,699.21	1/2	3,376.51	1/2	3,011.52	1/2	2,646.53
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,801.22	3/4	4,534.62	3/4	4,254.20	3/4	3,973.78	3/4	3,693.37	3/4	3,368.90	3/4	3,003.91	3/4	2,638.92
8		8		8		8	4,797.50	8	4,528.78	8	4,248.36	8	3,967.94	8	3,687.53	8	3,361.30	8	2,996.31	8	2,631.32
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,793.79	1/4	4,522.94	1/4	4,242.52	1/4	3,962.10	1/4	3,681.69	1/4	3,353.70	1/4	2,988.71	1/4	2,623.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,790.07	1/2	4,517.09	1/2	4,236.67	1/2	3,956.26	1/2	3,675.84	1/2	3,346.09	1/2	2,981.10	1/2	2,616.11
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,786.35	3/4	4,511.25	3/4	4,230.83	3/4	3,950.42	3/4	3,670.00	3/4	3,338.49	3/4	2,973.50	3/4	2,608.50
9		9		9		9	4,781.57	9	4,505.41	9	4,224.99	9	3,944.58	9	3,664.16	9	3,330.89	9	2,965.90	9	2,600.90
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,776.79	1/4	4,499.57	1/4	4,219.15	1/4	3,938.74	1/4	3,658.32	1/4	3,323.28	1/4	2,958.29	1/4	2,593.30
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,772.01	1/2	4,493.72	1/2	4,213.30	1/2	3,932.89	1/2	3,652.47	1/2	3,315.68	1/2	2,950.69	1/2	2,585.69
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,767.23	3/4	4,487.88	3/4	4,207.46	3/4	3,927.05	3/4	3,646.63	3/4	3,308.07	3/4	2,943.08	3/4	2,578.09
10		10		10		10	4,761.66	10	4,482.04	10	4,201.62	10	3,921.21	10	3,640.76	10	3,300.47	10	2,935.48	10	2,570.49
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,756.08	1/4	4,476.20	1/4	4,195.78	1/4	3,915.37	1/4	3,634.88	1/4	3,292.87	1/4	2,927.87	1/4	2,562.88
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,750.51	1/2	4,470.35	1/2	4,189.94	1/2	3,909.52	1/2	3,629.01	1/2	3,285.26	1/2	2,920.27	1/2	2,555.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,744.93	3/4	4,464.51	3/4	4,184.10	3/4	3,903.68	3/4	3,623.13	3/4	3,277.66	3/4	2,912.66	3/4	2,547.67
11		11		11		11	4,739.09	11	4,458.67	11	4,178.26	11	3,897.84	11	3,617.02	11	3,270.06	11	2,905.06	11	2,540.07
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,733.25	1/4	4,452.83	1/4	4,172.42	1/4	3,892.00	1/4	3,610.91	1/4	3,262.45	1/4	2,897.46	1/4	2,532.47
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,727.40	1/2	4,446.98	1/2	4,166.57	1/2	3,886.15	1/2	3,604.79	1/2	3,254.85	1/2	2,889.85	1/2	2,524.86
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,721.56	3/4	4,441.14	3/4	4,160.73	3/4	3,880.31	3/4	3,598.68	3/4	3,247.24	3/4	2,882.25	3/4	2,517.26

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

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "MMI 3030"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	2,509.66	0	2,144.66	0	1,779.67	0	1,414.68	0	1,049.69	0	684.70	0	319.70	0		0		0	
1/4	2,502.05	1/4	2,137.06	1/4	1,772.07	1/4	1,407.07	1/4	1,042.08	1/4	677.09	1/4	312.10	1/4	1/4		1/4		1/4
1/2	2,494.45	1/2	2,129.45	1/2	1,764.46	1/2	1,399.47	1/2	1,034.48	1/2	669.49	1/2	304.49	1/2	1/2		1/2		1/2
3/4	2,486.84	3/4	2,121.85	3/4	1,756.86	3/4	1,391.86	3/4	1,026.87	3/4	661.88	3/4	296.89	3/4	3/4		3/4		3/4
1	2,479.24	1	2,114.25	1	1,749.26	1	1,384.26	1	1,019.27	1	654.28	1	289.29	1	1		1		1
1/4	2,471.63	1/4	2,106.64	1/4	1,741.65	1/4	1,376.66	1/4	1,011.67	1/4	646.67	1/4	281.68	1/4	1/4		1/4		1/4
1/2	2,464.03	1/2	2,099.04	1/2	1,734.05	1/2	1,369.05	1/2	1,004.06	1/2	639.07	1/2	274.08	1/2	1/2		1/2		1/2
3/4	2,456.42	3/4	2,091.43	3/4	1,726.44	3/4	1,361.45	3/4	996.46	3/4	631.46	3/4	266.47	3/4	3/4		3/4		3/4
2	2,448.82	2	2,083.83	2	1,718.84	2	1,353.85	2	988.86	2	623.86	2	258.87	2	2		2		2
1/4	2,441.22	1/4	2,076.23	1/4	1,711.23	1/4	1,346.24	1/4	981.25	1/4	616.26	1/4	251.27	1/4	1/4		1/4		1/4
1/2	2,433.61	1/2	2,068.62	1/2	1,703.63	1/2	1,338.64	1/2	973.65	1/2	608.65	1/2	243.66	1/2	1/2		1/2		1/2
3/4	2,426.01	3/4	2,061.02	3/4	1,696.02	3/4	1,331.03	3/4	966.04	3/4	601.05	3/4	236.06	3/4	3/4		3/4		3/4
3	2,418.41	3	2,053.42	3	1,688.42	3	1,323.43	3	958.44	3	593.45	3	228.46	3	3		3		3
1/4	2,410.80	1/4	2,045.81	1/4	1,680.82	1/4	1,315.83	1/4	950.83	1/4	585.84	1/4	220.85	1/4	1/4		1/4		1/4
1/2	2,403.20	1/2	2,038.21	1/2	1,673.21	1/2	1,308.22	1/2	943.23	1/2	578.24	1/2	213.25	1/2	1/2		1/2		1/2
3/4	2,395.59	3/4	2,030.60	3/4	1,665.61	3/4	1,300.62	3/4	935.62	3/4	570.63	3/4	205.64	3/4	3/4		3/4		3/4
4	2,387.99	4	2,023.00	4	1,658.01	4	1,293.02	4	928.02	4	563.03	4	198.04	4	4		4		4
1/4	2,380.39	1/4	2,015.39	1/4	1,650.40	1/4	1,285.41	1/4	920.42	1/4	555.43	1/4	190.43	1/4	1/4		1/4		1/4
1/2	2,372.78	1/2	2,007.79	1/2	1,642.80	1/2	1,277.81	1/2	912.81	1/2	547.82	1/2	182.83	1/2	1/2		1/2		1/2
3/4	2,365.18	3/4	2,000.18	3/4	1,635.19	3/4	1,270.20	3/4	905.21	3/4	540.22	3/4	175.22	3/4	3/4		3/4		3/4
5	2,357.58	5	1,992.58	5	1,627.59	5	1,262.60	5	897.61	5	532.62	5	167.62	5	5		5		5
1/4	2,349.97	1/4	1,984.98	1/4	1,619.99	1/4	1,254.99	1/4	890.00	1/4	525.01	1/4	160.02	1/4	1/4		1/4		1/4
1/2	2,342.37	1/2	1,977.37	1/2	1,612.38	1/2	1,247.39	1/2	882.40	1/2	517.41	1/2	152.41	1/2	1/2		1/2		1/2
3/4	2,334.76	3/4	1,969.77	3/4	1,604.78	3/4	1,239.78	3/4	874.79	3/4	509.80	3/4	144.81	3/4	3/4		3/4		3/4
6	2,327.16	6	1,962.17	6	1,597.18	6	1,232.18	6	867.19	6	502.20	6	137.21	6	6		6		6
1/4	2,319.55	1/4	1,954.56	1/4	1,589.57	1/4	1,224.58	1/4	859.59	1/4	494.59	1/4	129.60	1/4	1/4		1/4		1/4
1/2	2,311.95	1/2	1,946.96	1/2	1,581.97	1/2	1,216.97	1/2	851.98	1/2	486.99	1/2	122.00	1/2	1/2		1/2		1/2
3/4	2,304.34	3/4	1,939.35	3/4	1,574.36	3/4	1,209.37	3/4	844.38	3/4	479.38	3/4	114.39	3/4	3/4		3/4		3/4
7	2,296.74	7	1,931.75	7	1,566.76	7	1,201.77	7	836.78	7	471.78	7	106.79	7	7		7		7
1/4	2,289.14	1/4	1,924.15	1/4	1,559.15	1/4	1,194.16	1/4	829.17	1/4	464.18	1/4	99.19	1/4	1/4		1/4		1/4
1/2	2,281.53	1/2	1,916.54	1/2	1,551.55	1/2	1,186.56	1/2	821.57	1/2	456.57	1/2	91.58	1/2	1/2		1/2		1/2
3/4	2,273.93	3/4	1,908.94	3/4	1,543.94	3/4	1,178.95	3/4	813.96	3/4	448.97	3/4	83.98	3/4	3/4		3/4		3/4
8	2,266.33	8	1,901.34	8	1,536.34	8	1,171.35	8	806.36	8	441.37	8	76.59	8	8		8		8
1/4	2,258.72	1/4	1,893.73	1/4	1,528.74	1/4	1,163.75	1/4	798.75	1/4	433.76	1/4	69.19	1/4	1/4		1/4		1/4
1/2	2,251.12	1/2	1,886.13	1/2	1,521.13	1/2	1,156.14	1/2	791.15	1/2	426.16	1/2	61.80	1/2	1/2		1/2		1/2
3/4	2,243.51	3/4	1,878.52	3/4	1,513.53	3/4	1,148.54	3/4	783.54	3/4	418.55	3/4	54.40	3/4	3/4		3/4		3/4
9	2,235.91	9	1,870.92	9	1,505.93	9	1,140.94	9	775.94	9	410.95	9	48.49	9	9		9		9
1/4	2,228.31	1/4	1,863.31	1/4	1,498.32	1/4	1,133.33	1/4	768.34	1/4	403.35	1/4	42.58	1/4	1/4		1/4		1/4
1/2	2,220.70	1/2	1,855.71	1/2	1,490.72	1/2	1,125.73	1/2	760.73	1/2	395.74	1/2	36.66	1/2	1/2		1/2		1/2
3/4	2,213.10	3/4	1,848.10	3/4	1,483.11	3/4	1,118.12	3/4	753.13	3/4	388.14	3/4	30.75	3/4	3/4		3/4		3/4
10	2,205.50	10	1,840.50	10	1,475.51	10	1,110.52	10	745.53	10	380.54	10	26.53	10	10		10		10
1/4	2,197.89	1/4	1,832.90	1/4	1,467.91	1/4	1,102.91	1/4	737.92	1/4	372.93	1/4	22.30	1/4	1/4		1/4		1/4
1/2	2,190.29	1/2	1,825.29	1/2	1,460.30	1/2	1,095.31	1/2	730.32	1/2	365.33	1/2	18.08	1/2	1/2		1/2		1/2
3/4	2,182.68	3/4	1,817.69	3/4	1,452.70	3/4	1,087.70	3/4	722.71	3/4	357.72	3/4	13.85	3/4	3/4		3/4		3/4
11	2,175.08	11	1,810.09	11	1,445.10	11	1,080.10	11	715.11	11	350.12	11		11	11		11		11
1/4	2,167.47	1/4	1,802.48	1/4	1,437.49	1/4	1,072.50	1/4	707.51	1/4	342.51	1/4		1/4	1/4		1/4		1/4
1/2	2,159.87	1/2	1,794.88	1/2	1,429.89	1/2	1,064.89	1/2	699.90	1/2	334.91	1/2		1/2	1/2		1/2		1/2
3/4	2,152.26	3/4	1,787.27	3/4	1,422.28	3/4	1,057.29	3/4	692.30	3/4	327.30	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/2003 INSP.
RECOMPUTED: 07/05/2023 JS
VERIFIED: 07/03/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2023

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