BARGE "SMI 30063"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
1 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
1 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
2 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
2 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
3 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8
3 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT	=	2'-00"
AFT DRAFT	=	6'-00"
DIFF.	=	4'-00" (DOWN BY STERN)

THE CORRECTION FOR 4'-00" TRIM DOWN BY STERN FOR 1 PORT IS 00-1/8"
FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 1/8'

LENGTH BETWEEN DRAFT MARKS: 235'-09"

May 14, 2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588

http://www.pmacorp.net

BARGE "SMI 30063"

1 PORT
INNAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	18.72	0	310.74	0	660.64	0	1,016.92	0	1,374.33	0	1,732.28	0	2,090.23	0	2,448.18	0	2,806.13	0	3,163.95
1/4	22.25	1/4	317.65	1/4	668.09	1/4	1,024.33	1/4	1,381.78	1/4	1,739.73	1/4	2,097.68	1/4	2,455.63	1/4	2,813.58	1/4	3,171.41
1/2	25.77	1/2	324.56	1/2	675.55	1/2	1,031.74	1/2	1,389.24	1/2	1,747.19	1/2	2,105.14	1/2	2,463.09	1/2	2,821.04	1/2	3,178.86
3/4	29.29	3/4	331.46	3/4	683.01	3/4	1,039.16	3/4	1,396.70	3/4	1,754.65	3/4	2,112.60	3/4	2,470.55	3/4	2,828.50	3/4	3,186.31
1	32.81	1	338.37	1	690.46	1	1,046.57	1	1,404.15	1	1,762.10	1	2,120.06	1	2,478.01	1	2,835.96	1	3,193.76
1/4	38.06	1/4	345.37	1/4	697.92	1/4	1,053.99	1/4	1,411.61	1/4	1,769.56	1/4	2,127.51	1/4	2,485.46	1/4	2,843.41	1/4	3,201.22
1/2	43.30	1/2	352.36	1/2	705.38	1/2	1,061.41	1/2	1,419.07	1/2	1,777.02	1/2	2,134.97	1/2	2,492.92	1/2	2,850.87	1/2	3,208.67
3/4	48.54	3/4	359.36	3/4	712.83	3/4	1,068.82	3/4	1,426.53	3/4	1,784.48	3/4	2,142.43	3/4	2,500.38	3/4	2,858.33	3/4	3,216.12
2	53.78	2	366.35	2	720.29	2	1,076.24	2	1,433.98	2	1,791.93	2	2,149.88	2	2,507.83	2	2,865.79	2	3,223.58
1/4	59.81	1/4	373.44	1/4	727.75	1/4	1,083.67	1/4	1,441.44	1/4	1,799.39	1/4	2,157.34	1/4	2,515.29	1/4	2,873.24	1/4	3,231.03
1/2	65.84	1/2	380.52	1/2	735.21	1/2	1,091.10	1/2	1,448.90	1/2	1,806.85	1/2	2,164.80	1/2	2,522.75	1/2	2,880.70	1/2	3,238.48
3/4	71.86	3/4	387.60	3/4	742.66	3/4	1,098.52	3/4	1,456.36	3/4	1,814.31	3/4	2,172.26	3/4	2,530.21	3/4	2,888.16	3/4	3,245.94
3	77.89	3	394.69	3	750.12	3	1,105.95	3	1,463.81	3	1,821.76	3	2,179.71	3	2,537.66	3	2,895.61	3	3,253.39
1/4	84.01	1/4	401.86	1/4	757.56	1/4	1,113.39	1/4	1,471.27	1/4	1,829.22	1/4	2,187.17	1/4	2,545.12	1/4	2,903.07	1/4	3,260.84
1/2	90.13	1/2	409.03	1/2	765.01	1/2	1,120.82	1/2	1,478.73	1/2	1,836.68	1/2	2,194.63	1/2	2,552.58	1/2	2,910.53	1/2	3,268.30
3/4	96.24	3/4	416.20	3/4	772.46	3/4	1,128.26	3/4	1,486.18	3/4	1,844.14	3/4	2,202.09	3/4	2,560.04	3/4	2,917.99	3/4	3,275.75
4	102.36	4	423.37	4	779.90	4	1,135.69	4	1,493.64	4	1,851.59	4	2,209.54	4	2,567.49	4	2,925.45	4	3,283.20
1/4	108.56	1/4	430.63	1/4	787.31	1/4	1,143.15	1/4	1,501.10	1/4	1,859.05	1/4	2,217.00	1/4	2,574.95	1/4	2,932.90	1/4	3,290.66
1/2	114.77	1/2	437.89	1/2	794.71	1/2	1,150.61	1/2	1,508.56	1/2	1,866.51	1/2	2,224.46	1/2	2,582.41	1/2	2,940.35	1/2	3,298.11
3/4	120.97	3/4	445.15	3/4	802.12	3/4	1,158.06	3/4	1,516.01	3/4	1,873.96	3/4	2,231.91	3/4	2,589.87	3/4	2,947.81	3/4	3,305.56
5	127.18	5	452.41	5	809.53	5	1,165.52	5	1,523.47	5	1,881.42	5	2,239.37	5	2,597.32	5	2,955.26	5	3,313.02
1/4	133.47	1/4	459.76	1/4	816.93	1/4	1,172.98	1/4	1,530.93	1/4	1,888.88	1/4	2,246.83	1/4	2,604.78	1/4	2,962.71	1/4	3,320.47
1/2	139.76	1/2	467.10	1/2	824.34	1/2	1,180.44	1/2	1,538.39	1/2	1,896.34	1/2	2,254.29	1/2	2,612.24	1/2	2,970.17	1/2	3,327.92
3/4	146.05	3/4	474.45	3/4	831.75	3/4	1,187.89	3/4	1,545.84	3/4	1,903.79	3/4	2,261.74	3/4	2,619.69	3/4	2,977.62	3/4	3,335.38
6	152.34	6	481.80	6	839.15	6	1,195.35	6	1,553.30	6	1,911.25	6	2,269.20	6	2,627.15	6	2,985.07	6	3,342.83
1/4	158.72	1/4	489.22	1/4	846.56	1/4	1,202.81	1/4	1,560.76	1/4	1,918.71	1/4	2,276.66	1/4	2,634.61	1/4	2,992.53	1/4	3,350.28
1/2	165.10	1/2	496.65	1/2	853.97	1/2	1,210.26	1/2	1,568.22	1/2	1,926.17	1/2	2,284.12	1/2	2,642.07	1/2	2,999.98	1/2	3,357.74
3/4	171.48	3/4	504.07	3/4	861.37	3/4	1,217.72	3/4	1,575.67	3/4	1,933.62	3/4	2,291.57	3/4	2,649.52	3/4	3,007.43	3/4	3,365.19
7	177.86	7	511.50	7	868.78	7	1,225.18	7	1,583.13	7	1,941.08	7	2,299.03	7	2,656.98	7	3,014.89	7	3,372.64
1/4	184.33	1/4	518.95	1/4	876.19	1/4	1,232.64	1/4	1,590.59	1/4	1,948.54	1/4	2,306.49	1/4	2,664.44	1/4	3,022.34	1/4	3,380.10
1/2	190.80	1/2	526.41	1/2	883.59	1/2	1,240.09	1/2	1,598.04	1/2	1,955.99	1/2	2,313.95	1/2	2,671.90	1/2	3,029.79	1/2	3,387.55
3/4	197.27	3/4	533.87	3/4	891.00	3/4	1,247.55	3/4	1,605.50	3/4	1,963.45	3/4	2,321.40	3/4	2,679.35	3/4	3,037.25	3/4	3,395.00
8	203.74	8	541.32	8	898.40	8	1,255.01	8	1,612.96	8	1,970.91	8	2,328.86	8	2,686.81	8	3,044.70	8	3,402.46
1/4	210.29	1/4	548.78	1/4	905.81	1/4	1,262.47	1/4	1,620.42	1/4	1,978.37	1/4	2,336.32	1/4	2,694.27	1/4	3,052.15	1/4	3,409.91
1/2	216.85	1/2	556.24	1/2	913.22	1/2	1,269.92	1/2	1,627.87	1/2	1,985.82	1/2	2,343.77	1/2	2,701.72	1/2	3,059.61	1/2	3,417.36
3/4	223.40	3/4	563.69	3/4	920.62	3/4	1,277.38	3/4	1,635.33	3/4	1,993.28	3/4	2,351.23	3/4	2,709.18	3/4	3,067.06	3/4	3,424.82
9	229.96	9	571.15	9	928.03	9	1,284.84	9	1,642.79	9	2,000.74	9	2,358.69	9	2,716.64	9	3,074.51	9	3,432.27
1/4	236.60	1/4	578.61	1/4	935.44	1/4	1,292.30	1/4	1,650.25	1/4	2,008.20	1/4	2,366.15	1/4	2,724.10	1/4	3,081.97	1/4	3,439.72
1/2	243.25	1/2	586.07	1/2	942.84	1/2	1,299.75	1/2	1,657.70	1/2	2,015.65	1/2	2,373.60	1/2	2,731.55	1/2	3,089.42	1/2	3,447.18
3/4	249.89	3/4	593.52	3/4	950.25	3/4	1,307.21	3/4	1,665.16	3/4	2,023.11	3/4	2,381.06	3/4	2,739.01	3/4	3,096.87	3/4	3,454.63
10	256.54	10	600.98	10	957.66	10	1,314.67	10	1,672.62	10	2,030.57	10	2,388.52	10	2,746.47	10	3,104.33	10	3,462.08
1/4	263.27	1/4	608.44	1/4	965.06	1/4	1,322.12	1/4	1,680.07	1/4	2,038.03	1/4	2,395.98	1/4	2,753.93	1/4	3,111.78	1/4	3,469.54
1/2	270.00	1/2	615.89	1/2	972.47	1/2	1,329.58	1/2	1,687.53	1/2	2,045.48	1/2	2,403.43	1/2	2,761.38	1/2	3,119.23	1/2	3,476.99
3/4	276.73	3/4	623.35	3/4	979.88	3/4	1,337.04	3/4	1,694.99	3/4	2,052.94	3/4	2,410.89	3/4	2,768.84	3/4	3,126.69	3/4	3,484.44
11	283.46	11	630.81	11	987.28	11	1,344.50	11	1,702.45	11	2,060.40	11	2,418.35	11	2,776.30	11	3,134.14	11	3,491.90
1/4	290.28	1/4	638.26	1/4	994.69	1/4	1,351.95	1/4	1,709.90	1/4	2,067.85	1/4	2,425.80	1/4	2,783.76	1/4	3,141.59	1/4	3,499.35
1/2	297.10	1/2	645.72	1/2	1,002.10	1/2	1,359.41	1/2	1,717.36	1/2	2,075.31	1/2	2,433.26	1/2	2,791.21	1/2	3,149.05	1/2	3,506.80
3/4	303.92	3/4	653.18	3/4	1,009.51	3/4	1,366.87	3/4	1,724.82	3/4	2,082.77	3/4	2,440.72	3/4	2,798.67	3/4	3,156.50	3/4	3,514.26

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 INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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http://www.pmacorp.net

BARGE "SMI 30063"

1 PORT
INNAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09 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	3,521.71	0	3,879.47	0	4,237.23	0	4,594.19	0	4,948.81	0		0		0		0		0	
1/4	3,529.16	1/4	3,886.92	1/4	4,244.68	1/4	4,601.62	1/4	4,955.41	1/4		1/4		1/4		1/4		1/4	
1/2	3,536.62	1/2	3,894.38	1/2	4,252.13	1/2	4,609.05	1/2	4,962.00	1/2		1/2		1/2		1/2		1/2	
3/4	3,544.07	3/4	3,901.83	3/4	4,259.59	3/4	4,616.48	3/4	4,968.60	3/4		3/4		3/4		3/4		3/4	
1	3,551.52	1	3,909.28	1	4,267.04	1	4,623.91	1	4,975.20	1		1		1		1		1	
1/4	3,558.98	1/4	3,916.74	1/4	4,274.49	1/4	4,631.34	1/4	4,980.73	1/4		1/4		1/4		1/4		1/4	
1/2	3,566.43	1/2	3,924.19	1/2	4,281.95	1/2	4,638.76	1/2	4,986.26	1/2		1/2		1/2		1/2		1/2	
3/4	3,573.88	3/4	3,931.64	3/4	4,289.40	3/4	4,646.18	3/4	4,991.79	3/4		3/4		3/4		3/4		3/4	
2	3,581.34	2	3,939.09	2	4,296.85	2	4,653.60	2	4,997.32	2		2		2		2		2	
1/4	3,588.79	1/4	3,946.55	1/4	4,304.30	1/4	4,660.99	1/4	5,001.79	1/4		1/4		1/4		1/4		1/4	
1/2	3,596.24	1/2	3,954.00	1/2	4,311.75	1/2	4,668.38	1/2	5,006.25	1/2		1/2		1/2		1/2		1/2	
3/4	3,603.70	3/4	3,961.45	3/4	4,319.20	3/4	4,675.77	3/4	5,010.72	3/4		3/4		3/4		3/4		3/4	
3	3,611.15	3	3,968.91	3	4,326.65	3	4,683.17	3		3		3		3		3		3	
1/4	3,618.60	1/4	3,976.36	1/4	4,334.08	1/4	4,690.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,626.06	1/2	3,983.81	1/2	4,341.51	1/2	4,697.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,633.51	3/4	3,991.27	3/4	4,348.94	3/4	4,705.34	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,640.96	4	3,998.72	4	4,356.37	4	4,712.73	4		4		4		4		4		4	
1/4	3,648.42	1/4	4,006.17	1/4	4,363.81	1/4	4,720.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,655.87	1/2	4,013.63	1/2	4,371.24	1/2	4,727.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,663.32	3/4	4,021.08	3/4	4,378.67	3/4	4,734.91	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,670.78	5	4,028.53	5	4,386.10	5	4,742.30	5		5		5		5		5		5	
1/4	3,678.23	1/4	4,035.99	1/4	4,393.53	1/4	4,749.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,685.68	1/2	4,043.44	1/2	4,400.96	1/2	4,757.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,693.14	3/4	4,050.89	3/4	4,408.40	3/4	4,764.48	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,700.59	6	4,058.35	6	4,415.83	6	4,771.87	6		6		6		6		6		6	
1/4	3,708.04	1/4	4,065.80	1/4	4,423.26	1/4	4,779.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,715.50	1/2	4,073.25	1/2	4,430.69	1/2	4,786.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,722.95	3/4	4,080.71	3/4	4,438.12	3/4	4,794.04	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,730.40	7	4,088.16	7	4,445.55	7	4,801.44	7		7		7		7		7		7	
1/4	3,737.86	1/4	4,095.61	1/4	4,452.99	1/4	4,808.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,745.31	1/2	4,103.07	1/2	4,460.42	1/2	4,816.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,752.76	3/4	4,110.52	3/4	4,467.85	3/4	4,823.62	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,760.22	8	4,117.97	8	4,475.28	8	4,831.01	8		8		8		8		8		8	
1/4	3,767.67	1/4	4,125.43	1/4	4,482.71	1/4	4,838.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,775.12	1/2	4,132.88	1/2	4,490.14	1/2	4,845.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,782.58	3/4	4,140.33	3/4	4,497.58	3/4	4,853.20	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,790.03	9	4,147.79	9	4,505.01	9	4,860.59	9		9		9		9		9		9	
1/4	3,797.48	1/4	4,155.24	1/4	4,512.44	1/4	4,867.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,804.94	1/2	4,162.69	1/2	4,519.87	1/2	4,875.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,812.39	3/4	4,170.15	3/4	4,527.30	3/4	4,882.78	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,819.84	10	4,177.60	10	4,534.73	10	4,890.18	10		10		10		10		10		10	
1/4	3,827.30	1/4	4,185.05	1/4	4,542.17	1/4	4,897.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,834.75	1/2	4,192.51	1/2	4,549.60	1/2	4,904.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,842.20	3/4	4,199.96	3/4	4,557.03	3/4	4,912.37	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,849.66	11	4,207.41	11	4,564.46	11	4,919.76	11		11		11		11		11		11	
1/4	3,857.11	1/4	4,214.87	1/4	4,571.89	1/4	4,927.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,864.56	1/2	4,222.32	1/2	4,579.32	1/2	4,934.29	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,872.02	3/4	4,229.77	3/4	4,586.76	3/4	4,941.55	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/14/2014 SW
CALCULATED: 05/14/2014 CL
PRINTED: 05/15/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

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

BARGE "SMI 30063"

1 STBD
INNAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09 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	18.72	0	310.74	0	660.57	0	1,018.07	0	1,375.97	0	1,733.91	0	2,091.86	0	2,449.80	0	2,807.75	0	3,165.56
1/4	22.25	1/4	317.65	1/4	668.03	1/4	1,025.52	1/4	1,383.42	1/4	1,741.37	1/4	2,099.32	1/4	2,457.26	1/4	2,815.21	1/4	3,173.02
1/2	25.77	1/2	324.56	1/2	675.49	1/2	1,032.97	1/2	1,390.88	1/2	1,748.83	1/2	2,106.77	1/2	2,464.72	1/2	2,822.66	1/2	3,180.47
3/4	29.29	3/4	331.46	3/4	682.94	3/4	1,040.42	3/4	1,398.34	3/4	1,756.28	3/4	2,114.23	3/4	2,472.18	3/4	2,830.12	3/4	3,187.92
1	32.81	1	338.37	1	690.40	1	1,047.87	1	1,405.80	1	1,763.74	1	2,121.69	1	2,479.63	1	2,837.58	1	3,195.38
1/4	38.06	1/4	345.37	1/4	697.86	1/4	1,055.32	1/4	1,413.25	1/4	1,771.20	1/4	2,129.14	1/4	2,487.09	1/4	2,845.04	1/4	3,202.83
1/2	43.30	1/2	352.36	1/2	705.32	1/2	1,062.77	1/2	1,420.71	1/2	1,778.66	1/2	2,136.60	1/2	2,494.55	1/2	2,852.49	1/2	3,210.28
3/4	48.54	3/4	359.36	3/4	712.77	3/4	1,070.23	3/4	1,428.17	3/4	1,786.11	3/4	2,144.06	3/4	2,502.00	3/4	2,859.95	3/4	3,217.74
2	53.78	2	366.35	2	720.23	2	1,077.68	2	1,435.62	2	1,793.57	2	2,151.52	2	2,509.46	2	2,867.41	2	3,225.19
1/4	59.81	1/4	373.44	1/4	727.69	1/4	1,085.14	1/4	1,443.08	1/4	1,801.03	1/4	2,158.97	1/4	2,516.92	1/4	2,874.86	1/4	3,232.64
1/2	65.84	1/2	380.52	1/2	735.14	1/2	1,092.59	1/2	1,450.54	1/2	1,808.48	1/2	2,166.43	1/2	2,524.38	1/2	2,882.32	1/2	3,240.10
3/4	71.86	3/4	387.60	3/4	742.60	3/4	1,100.05	3/4	1,458.00	3/4	1,815.94	3/4	2,173.89	3/4	2,531.83	3/4	2,889.78	3/4	3,247.55
3	77.89	3	394.69	3	750.06	3	1,107.51	3	1,465.45	3	1,823.40	3	2,181.34	3	2,539.29	3	2,897.24	3	3,255.00
1/4	84.01	1/4	401.86	1/4	757.51	1/4	1,114.97	1/4	1,472.91	1/4	1,830.86	1/4	2,188.80	1/4	2,546.75	1/4	2,904.69	1/4	3,262.46
1/2	90.13	1/2	409.03	1/2	764.96	1/2	1,122.42	1/2	1,480.37	1/2	1,838.31	1/2	2,196.26	1/2	2,554.20	1/2	2,912.15	1/2	3,269.91
3/4	96.24	3/4	416.20	3/4	772.42	3/4	1,129.88	3/4	1,487.83	3/4	1,845.77	3/4	2,203.72	3/4	2,561.66	3/4	2,919.60	3/4	3,277.36
4	102.36	4	423.37	4	779.87	4	1,137.34	4	1,495.28	4	1,853.23	4	2,211.17	4	2,569.12	4	2,927.06	4	3,284.81
1/4	108.56	1/4	430.63	1/4	787.32	1/4	1,144.79	1/4	1,502.74	1/4	1,860.69	1/4	2,218.63	1/4	2,576.58	1/4	2,934.51	1/4	3,292.27
1/2	114.77	1/2	437.89	1/2	794.76	1/2	1,152.25	1/2	1,510.20	1/2	1,868.14	1/2	2,226.09	1/2	2,584.03	1/2	2,941.97	1/2	3,299.72
3/4	120.97	3/4	445.15	3/4	802.20	3/4	1,159.71	3/4	1,517.65	3/4	1,875.60	3/4	2,233.55	3/4	2,591.49	3/4	2,949.42	3/4	3,307.17
5	127.18	5	452.41	5	809.65	5	1,167.17	5	1,525.11	5	1,883.06	5	2,241.00	5	2,598.95	5	2,956.87	5	3,314.63
1/4	133.47	1/4	459.76	1/4	817.09	1/4	1,174.62	1/4	1,532.57	1/4	1,890.51	1/4	2,248.46	1/4	2,606.41	1/4	2,964.33	1/4	3,322.08
1/2	139.76	1/2	467.10	1/2	824.53	1/2	1,182.08	1/2	1,540.03	1/2	1,897.97	1/2	2,255.92	1/2	2,613.86	1/2	2,971.78	1/2	3,329.53
3/4	146.05	3/4	474.45	3/4	831.98	3/4	1,189.54	3/4	1,547.48	3/4	1,905.43	3/4	2,263.37	3/4	2,621.32	3/4	2,979.23	3/4	3,336.99
6	152.34	6	481.80	6	839.42	6	1,196.99	6	1,554.94	6	1,912.89	6	2,270.83	6	2,628.78	6	2,986.69	6	3,344.44
1/4	158.72	1/4	489.22	1/4	846.86	1/4	1,204.45	1/4	1,562.40	1/4	1,920.34	1/4	2,278.29	1/4	2,636.23	1/4	2,994.14	1/4	3,351.89
1/2	165.10	1/2	496.64	1/2	854.31	1/2	1,211.91	1/2	1,569.85	1/2	1,927.80	1/2	2,285.75	1/2	2,643.69	1/2	3,001.59	1/2	3,359.35
3/4	171.48	3/4	504.07	3/4	861.75	3/4	1,219.37	3/4	1,577.31	3/4	1,935.26	3/4	2,293.20	3/4	2,651.15	3/4	3,009.05	3/4	3,366.80
7	177.86	7	511.49	7	869.19	7	1,226.82	7	1,584.77	7	1,942.71	7	2,300.66	7	2,658.61	7	3,016.50	7	3,374.25
1/4	184.33	1/4	518.94	1/4	876.64	1/4	1,234.28	1/4	1,592.23	1/4	1,950.17	1/4	2,308.12	1/4	2,666.06	1/4	3,023.95	1/4	3,381.71
1/2	190.80	1/2	526.39	1/2	884.08	1/2	1,241.74	1/2	1,599.68	1/2	1,957.63	1/2	2,315.57	1/2	2,673.52	1/2	3,031.41	1/2	3,389.16
3/4	197.27	3/4	533.84	3/4	891.52	3/4	1,249.19	3/4	1,607.14	3/4	1,965.09	3/4	2,323.03	3/4	2,680.98	3/4	3,038.86	3/4	3,396.61
8	203.74	8	541.29	8	898.97	8	1,256.65	8	1,614.60	8	1,972.54	8	2,330.49	8	2,688.43	8	3,046.31	8	3,404.07
1/4	210.29	1/4	548.74	1/4	906.41	1/4	1,264.11	1/4	1,622.05	1/4	1,980.00	1/4	2,337.95	1/4	2,695.89	1/4	3,053.77	1/4	3,411.52
1/2	216.85	1/2	556.19	1/2	913.85	1/2	1,271.57	1/2	1,629.51	1/2	1,987.46	1/2	2,345.40	1/2	2,703.35	1/2	3,061.22	1/2	3,418.97
3/4	223.40	3/4	563.64	3/4	921.30	3/4	1,279.02	3/4	1,636.97	3/4	1,994.91	3/4	2,352.86	3/4	2,710.81	3/4	3,068.67	3/4	3,426.43
9	229.96	9	571.09	9	928.74	9	1,286.48	9	1,644.43	9	2,002.37	9	2,360.32	9	2,718.26	9	3,076.13	9	3,433.88
1/4	236.60	1/4	578.55	1/4	936.18	1/4	1,293.94	1/4	1,651.88	1/4	2,009.83	1/4	2,367.77	1/4	2,725.72	1/4	3,083.58	1/4	3,441.33
1/2	243.25	1/2	586.01	1/2	943.63	1/2	1,301.40	1/2	1,659.34	1/2	2,017.29	1/2	2,375.23	1/2	2,733.18	1/2	3,091.03	1/2	3,448.79
3/4	249.89	3/4	593.46	3/4	951.07	3/4	1,308.85	3/4	1,666.80	3/4	2,024.74	3/4	2,382.69	3/4	2,740.63	3/4	3,098.48	3/4	3,456.24
10	256.54	10	600.92	10	958.51	10	1,316.31	10	1,674.26	10	2,032.20	10	2,390.15	10	2,748.09	10	3,105.94	10	3,463.69
1/4	263.27	1/4	608.38	1/4	965.96	1/4	1,323.77	1/4	1,681.71	1/4	2,039.66	1/4	2,397.60	1/4	2,755.55	1/4	3,113.39	1/4	3,471.14
1/2	270.00	1/2	615.83	1/2	973.40	1/2	1,331.22	1/2	1,689.17	1/2	2,047.12	1/2	2,405.06	1/2	2,763.01	1/2	3,120.84	1/2	3,478.60
3/4	276.73	3/4	623.29	3/4	980.84	3/4	1,338.68	3/4	1,696.63	3/4	2,054.57	3/4	2,412.52	3/4	2,770.46	3/4	3,128.30	3/4	3,486.05
11	283.46	11	630.75	11	988.29	11	1,346.14	11	1,704.08	11	2,062.03	11	2,419.98	11	2,777.92	11	3,135.75	11	3,493.50
1/4	290.28	1/4	638.20	1/4	995.73	1/4	1,353.60	1/4	1,711.54	1/4	2,069.49	1/4	2,427.43	1/4	2,785.38	1/4	3,143.20	1/4	3,500.96
1/2	297.10	1/2	645.66	1/2	1,003.18	1/2	1,361.05	1/2	1,719.00	1/2	2,076.94	1/2	2,434.89	1/2	2,792.84	1/2	3,150.66	1/2	3,508.41
3/4	303.92	3/4	653.12	3/4	1,010.62	3/4	1,368.51	3/4	1,726.46	3/4	2,084.40	3/4	2,442.35	3/4	2,800.29	3/4	3,158.11	3/4	3,515.86

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 INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

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

BARGE "SMI 30063"

1 STBD
INNAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09 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	3,523.32	0	3,881.07	0	4,238.82	0	4,595.78	0	4,950.39	0		0		0		0		0	
1/4	3,530.77	1/4	3,888.52	1/4	4,246.28	1/4	4,603.21	1/4	4,956.99	1/4		1/4		1/4		1/4		1/4	
1/2	3,538.22	1/2	3,895.98	1/2	4,253.73	1/2	4,610.64	1/2	4,963.58	1/2		1/2		1/2		1/2		1/2	
3/4	3,545.68	3/4	3,903.43	3/4	4,261.18	3/4	4,618.07	3/4	4,970.18	3/4		3/4		3/4		3/4		3/4	
1	3,553.13	1	3,910.88	1	4,268.64	1	4,625.50	1	4,976.78	1		1		1		1		1	
1/4	3,560.58	1/4	3,918.34	1/4	4,276.09	1/4	4,632.92	1/4	4,982.31	1/4		1/4		1/4		1/4		1/4	
1/2	3,568.04	1/2	3,925.79	1/2	4,283.54	1/2	4,640.34	1/2	4,987.84	1/2		1/2		1/2		1/2		1/2	
3/4	3,575.49	3/4	3,933.24	3/4	4,291.00	3/4	4,647.76	3/4	4,993.37	3/4		3/4		3/4		3/4		3/4	
2	3,582.94	2	3,940.70	2	4,298.45	2	4,655.18	2	4,998.90	2		2		2		2		2	
1/4	3,590.40	1/4	3,948.15	1/4	4,305.90	1/4	4,662.58	1/4	5,003.37	1/4		1/4		1/4		1/4		1/4	
1/2	3,597.85	1/2	3,955.60	1/2	4,313.34	1/2	4,669.97	1/2	5,007.84	1/2		1/2		1/2		1/2		1/2	
3/4	3,605.30	3/4	3,963.06	3/4	4,320.79	3/4	4,677.36	3/4	5,012.30	3/4		3/4		3/4		3/4		3/4	
3	3,612.76	3	3,970.51	3	4,328.24	3	4,684.75	3		3		3		3		3		3	
1/4	3,620.21	1/4	3,977.96	1/4	4,335.67	1/4	4,692.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,627.66	1/2	3,985.42	1/2	4,343.10	1/2	4,699.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,635.12	3/4	3,992.87	3/4	4,350.53	3/4	4,706.93	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,642.57	4	4,000.32	4	4,357.96	4	4,714.32	4		4		4		4		4		4	
1/4	3,650.02	1/4	4,007.78	1/4	4,365.40	1/4	4,721.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,657.47	1/2	4,015.23	1/2	4,372.83	1/2	4,729.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,664.93	3/4	4,022.68	3/4	4,380.26	3/4	4,736.49	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,672.38	5	4,030.13	5	4,387.69	5	4,743.89	5		5		5		5		5		5	
1/4	3,679.83	1/4	4,037.59	1/4	4,395.12	1/4	4,751.28	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,687.29	1/2	4,045.04	1/2	4,402.55	1/2	4,758.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,694.74	3/4	4,052.49	3/4	4,409.99	3/4	4,766.06	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,702.19	6	4,059.95	6	4,417.42	6	4,773.45	6		6		6		6		6		6	
1/4	3,709.65	1/4	4,067.40	1/4	4,424.85	1/4	4,780.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,717.10	1/2	4,074.85	1/2	4,432.28	1/2	4,788.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,724.55	3/4	4,082.31	3/4	4,439.71	3/4	4,795.63	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,732.01	7	4,089.76	7	4,447.14	7	4,803.02	7		7		7		7		7		7	
1/4	3,739.46	1/4	4,097.21	1/4	4,454.58	1/4	4,810.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,746.91	1/2	4,104.67	1/2	4,462.01	1/2	4,817.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,754.37	3/4	4,112.12	3/4	4,469.44	3/4	4,825.20	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,761.82	8	4,119.57	8	4,476.87	8	4,832.59	8		8		8		8		8		8	
1/4	3,769.27	1/4	4,127.03	1/4	4,484.30	1/4	4,839.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,776.73	1/2	4,134.48	1/2	4,491.73	1/2	4,847.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,784.18	3/4	4,141.93	3/4	4,499.17	3/4	4,854.78	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,791.63	9	4,149.39	9	4,506.60	9	4,862.18	9		9		9		9		9		9	
1/4	3,799.09	1/4	4,156.84	1/4	4,514.03	1/4	4,869.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,806.54	1/2	4,164.29	1/2	4,521.46	1/2	4,876.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,813.99	3/4	4,171.75	3/4	4,528.89	3/4	4,884.36	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,821.45	10	4,179.20	10	4,536.32	10	4,891.76	10		10		10		10		10		10	
1/4	3,828.90	1/4	4,186.65	1/4	4,543.75	1/4	4,899.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,836.35	1/2	4,194.11	1/2	4,551.19	1/2	4,906.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,843.80	3/4	4,201.56	3/4	4,558.62	3/4	4,913.95	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,851.26	11	4,209.01	11	4,566.05	11	4,921.34	11		11		11		11		11		11	
1/4	3,858.71	1/4	4,216.46	1/4	4,573.48	1/4	4,928.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,866.16	1/2	4,223.92	1/2	4,580.91	1/2	4,935.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,873.62	3/4	4,231.37	3/4	4,588.34	3/4	4,943.13	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/14/2014 SW
CALCULATED: 05/14/2014 CL
PRINTED: 05/15/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

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

BARGE "SMI 30063"

2 PORT
INNAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09"

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	20.42	0	367.51	0	726.75	0	1,075.97	0	1,430.89	0	1,790.15	0	2,149.41	0	2,508.67	0	2,867.93	0	3,227.04
1/4	25.57	1/4	374.99	1/4	734.24	1/4	1,083.16	1/4	1,438.38	1/4	1,797.64	1/4	2,156.90	1/4	2,516.16	1/4	2,875.42	1/4	3,234.52
1/2	30.72	1/2	382.48	1/2	741.72	1/2	1,090.35	1/2	1,445.86	1/2	1,805.12	1/2	2,164.38	1/2	2,523.64	1/2	2,882.90	1/2	3,242.00
3/4	35.86	3/4	389.96	3/4	749.21	3/4	1,097.54	3/4	1,453.34	3/4	1,812.61	3/4	2,171.87	3/4	2,531.13	3/4	2,890.39	3/4	3,249.48
1	41.01	1	397.45	1	756.69	1	1,104.72	1	1,460.83	1	1,820.09	1	2,179.35	1	2,538.61	1	2,897.87	1	3,256.96
1/4	47.79	1/4	404.93	1/4	764.18	1/4	1,111.92	1/4	1,468.31	1/4	1,827.57	1/4	2,186.84	1/4	2,546.10	1/4	2,905.36	1/4	3,264.44
1/2	54.57	1/2	412.41	1/2	771.66	1/2	1,119.11	1/2	1,475.80	1/2	1,835.06	1/2	2,194.32	1/2	2,553.58	1/2	2,912.84	1/2	3,271.93
3/4	61.35	3/4	419.90	3/4	779.14	3/4	1,126.30	3/4	1,483.28	3/4	1,842.54	3/4	2,201.80	3/4	2,561.07	3/4	2,920.33	3/4	3,279.41
2	68.14	2	427.38	2	786.63	2	1,133.49	2	1,490.77	2	1,850.03	2	2,209.29	2	2,568.55	2	2,927.81	2	3,286.89
1/4	75.62	1/4	434.87	1/4	794.11	1/4	1,140.69	1/4	1,498.25	1/4	1,857.51	1/4	2,216.77	1/4	2,576.03	1/4	2,935.30	1/4	3,294.37
1/2	83.11	1/2	442.35	1/2	801.60	1/2	1,147.89	1/2	1,505.74	1/2	1,865.00	1/2	2,224.26	1/2	2,583.52	1/2	2,942.78	1/2	3,301.85
3/4	90.59	3/4	449.84	3/4	809.08	3/4	1,155.09	3/4	1,513.22	3/4	1,872.48	3/4	2,231.74	3/4	2,591.00	3/4	2,950.26	3/4	3,309.33
3	98.07	3	457.32	3	816.57	3	1,162.29	3	1,520.71	3	1,879.97	3	2,239.23	3	2,598.49	3	2,957.75	3	3,316.81
1/4	105.56	1/4	464.80	1/4	823.97	1/4	1,169.57	1/4	1,528.19	1/4	1,887.45	1/4	2,246.71	1/4	2,605.97	1/4	2,965.23	1/4	3,324.29
1/2	113.04	1/2	472.29	1/2	831.38	1/2	1,176.84	1/2	1,535.68	1/2	1,894.94	1/2	2,254.20	1/2	2,613.46	1/2	2,972.71	1/2	3,331.77
3/4	120.53	3/4	479.77	3/4	838.79	3/4	1,184.11	3/4	1,543.16	3/4	1,902.42	3/4	2,261.68	3/4	2,620.94	3/4	2,980.19	3/4	3,339.25
4	128.01	4	487.26	4	846.20	4	1,191.38	4	1,550.64	4	1,909.91	4	2,269.17	4	2,628.43	4	2,987.67	4	3,346.73
1/4	135.50	1/4	494.74	1/4	853.38	1/4	1,198.87	1/4	1,558.13	1/4	1,917.39	1/4	2,276.65	1/4	2,635.91	1/4	2,995.15	1/4	3,354.21
1/2	142.98	1/2	502.23	1/2	860.56	1/2	1,206.35	1/2	1,565.61	1/2	1,924.87	1/2	2,284.14	1/2	2,643.40	1/2	3,002.63	1/2	3,361.69
3/4	150.46	3/4	509.71	3/4	867.74	3/4	1,213.84	3/4	1,573.10	3/4	1,932.36	3/4	2,291.62	3/4	2,650.88	3/4	3,010.11	3/4	3,369.17
5	157.95	5	517.19	5	874.92	5	1,221.32	5	1,580.58	5	1,939.84	5	2,299.10	5	2,658.37	5	3,017.59	5	3,376.65
1/4	165.43	1/4	524.68	1/4	882.10	1/4	1,228.81	1/4	1,588.07	1/4	1,947.33	1/4	2,306.59	1/4	2,665.85	1/4	3,025.07	1/4	3,384.13
1/2	172.92	1/2	532.16	1/2	889.28	1/2	1,236.29	1/2	1,595.55	1/2	1,954.81	1/2	2,314.07	1/2	2,673.33	1/2	3,032.55	1/2	3,391.61
3/4	180.40	3/4	539.65	3/4	896.46	3/4	1,243.78	3/4	1,603.04	3/4	1,962.30	3/4	2,321.56	3/4	2,680.82	3/4	3,040.03	3/4	3,399.09
6	187.89	6	547.13	6	903.64	6	1,251.26	6	1,610.52	6	1,969.78	6	2,329.04	6	2,688.30	6	3,047.51	6	3,406.57
1/4	195.37	1/4	554.62	1/4	910.82	1/4	1,258.75	1/4	1,618.01	1/4	1,977.27	1/4	2,336.53	1/4	2,695.79	1/4	3,054.99	1/4	3,414.05
1/2	202.85	1/2	562.10	1/2	918.00	1/2	1,266.23	1/2	1,625.49	1/2	1,984.75	1/2	2,344.01	1/2	2,703.27	1/2	3,062.47	1/2	3,421.54
3/4	210.34	3/4	569.58	3/4	925.18	3/4	1,273.71	3/4	1,632.98	3/4	1,992.24	3/4	2,351.50	3/4	2,710.76	3/4	3,069.95	3/4	3,429.02
7	217.82	7	577.07	7	932.36	7	1,281.20	7	1,640.46	7	1,999.72	7	2,358.98	7	2,718.24	7	3,077.43	7	3,436.50
1/4	225.31	1/4	584.55	1/4	939.54	1/4	1,288.68	1/4	1,647.94	1/4	2,007.21	1/4	2,366.47	1/4	2,725.73	1/4	3,084.91	1/4	3,443.98
1/2	232.79	1/2	592.04	1/2	946.72	1/2	1,296.17	1/2	1,655.43	1/2	2,014.69	1/2	2,373.95	1/2	2,733.21	1/2	3,092.39	1/2	3,451.46
3/4	240.28	3/4	599.52	3/4	953.90	3/4	1,303.65	3/4	1,662.91	3/4	2,022.17	3/4	2,381.44	3/4	2,740.70	3/4	3,099.87	3/4	3,458.94
8	247.76	8	607.01	8	961.08	8	1,311.14	8	1,670.40	8	2,029.66	8	2,388.92	8	2,748.18	8	3,107.35	8	3,466.42
1/4	255.24	1/4	614.49	1/4	968.26	1/4	1,318.62	1/4	1,677.88	1/4	2,037.14	1/4	2,396.40	1/4	2,755.67	1/4	3,114.83	1/4	3,473.90
1/2	262.73	1/2	621.97	1/2	975.44	1/2	1,326.11	1/2	1,685.37	1/2	2,044.63	1/2	2,403.89	1/2	2,763.15	1/2	3,122.32	1/2	3,481.38
3/4	270.21	3/4	629.46	3/4	982.62	3/4	1,333.59	3/4	1,692.85	3/4	2,052.11	3/4	2,411.37	3/4	2,770.63	3/4	3,129.80	3/4	3,488.86
9	277.70	9	636.94	9	989.80	9	1,341.08	9	1,700.34	9	2,059.60	9	2,418.86	9	2,778.12	9	3,137.28	9	3,496.34
1/4	285.18	1/4	644.43	1/4	996.98	1/4	1,348.56	1/4	1,707.82	1/4	2,067.08	1/4	2,426.34	1/4	2,785.60	1/4	3,144.76	1/4	3,503.82
1/2	292.67	1/2	651.91	1/2	1,004.16	1/2	1,356.04	1/2	1,715.31	1/2	2,074.57	1/2	2,433.83	1/2	2,793.09	1/2	3,152.24	1/2	3,511.30
3/4	300.15	3/4	659.40	3/4	1,011.34	3/4	1,363.53	3/4	1,722.79	3/4	2,082.05	3/4	2,441.31	3/4	2,800.57	3/4	3,159.72	3/4	3,518.78
10	307.63	10	666.88	10	1,018.52	10	1,371.01	10	1,730.27	10	2,089.54	10	2,448.80	10	2,808.06	10	3,167.20	10	3,526.26
1/4	315.12	1/4	674.36	1/4	1,025.70	1/4	1,378.50	1/4	1,737.76	1/4	2,097.02	1/4	2,456.28	1/4	2,815.54	1/4	3,174.68	1/4	3,533.74
1/2	322.60	1/2	681.85	1/2	1,032.88	1/2	1,385.98	1/2	1,745.24	1/2	2,104.50	1/2	2,463.77	1/2	2,823.03	1/2	3,182.16	1/2	3,541.22
3/4	330.09	3/4	689.33	3/4	1,040.07	3/4	1,393.47	3/4	1,752.73	3/4	2,111.99	3/4	2,471.25	3/4	2,830.51	3/4	3,189.64	3/4	3,548.70
11	337.57	11	696.82	11	1,047.25	11	1,400.95	11	1,760.21	11	2,119.47	11	2,478.73	11	2,838.00	11	3,197.12	11	3,556.18
1/4	345.06	1/4	704.30	1/4	1,054.43	1/4	1,408.44	1/4	1,767.70	1/4	2,126.96	1/4	2,486.22	1/4	2,845.48	1/4	3,204.60	1/4	3,563.66
1/2	352.54	1/2	711.79	1/2	1,061.61	1/2	1,415.92	1/2	1,775.18	1/2	2,134.44	1/2	2,493.70	1/2	2,852.96	1/2	3,212.08	1/2	3,571.15
3/4	360.02	3/4	719.27	3/4	1,068.79	3/4	1,423.41	3/4	1,782.67	3/4	2,141.93	3/4	2,501.19	3/4	2,860.45	3/4	3,219.56	3/4	3,578.63

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 INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

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

BARGE "SMI 30063"

2 PORT
INNAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09"

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	3,586.11	0	3,945.17	0	4,304.23	0	4,662.49	0	5,018.42	0		0		0		0		0	
1/4	3,593.59	1/4	3,952.65	1/4	4,311.71	1/4	4,669.95	1/4	5,025.04	1/4		1/4		1/4		1/4		1/4	
1/2	3,601.07	1/2	3,960.13	1/2	4,319.20	1/2	4,677.41	1/2	5,031.66	1/2		1/2		1/2		1/2		1/2	
3/4	3,608.55	3/4	3,967.61	3/4	4,326.68	3/4	4,684.87	3/4	5,038.28	3/4		3/4		3/4		3/4		3/4	
1	3,616.03	1	3,975.09	1	4,334.16	1	4,692.33	1	5,044.90	1		1		1		1		1	
1/4	3,623.51	1/4	3,982.57	1/4	4,341.64	1/4	4,699.78	1/4	5,050.45	1/4		1/4		1/4		1/4		1/4	
1/2	3,630.99	1/2	3,990.05	1/2	4,349.12	1/2	4,707.23	1/2	5,056.00	1/2		1/2		1/2		1/2		1/2	
3/4	3,638.47	3/4	3,997.53	3/4	4,356.60	3/4	4,714.68	3/4	5,061.55	3/4		3/4		3/4		3/4		3/4	
2	3,645.95	2	4,005.01	2	4,364.08	2	4,722.12	2	5,067.10	2		2		2		2		2	
1/4	3,653.43	1/4	4,012.49	1/4	4,371.55	1/4	4,729.54	1/4	5,071.59	1/4		1/4		1/4		1/4		1/4	
1/2	3,660.91	1/2	4,019.98	1/2	4,379.03	1/2	4,736.96	1/2	5,076.07	1/2		1/2		1/2		1/2		1/2	
3/4	3,668.39	3/4	4,027.46	3/4	4,386.50	3/4	4,744.38	3/4	5,080.55	3/4		3/4		3/4		3/4		3/4	
3	3,675.87	3	4,034.94	3	4,393.98	3	4,751.80	3	———	3		3		3		3		3	
1/4	3,683.35	1/4	4,042.42	1/4	4,401.44	1/4	4,759.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,690.83	1/2	4,049.90	1/2	4,408.90	1/2	4,766.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,698.31	3/4	4,057.38	3/4	4,416.35	3/4	4,774.06	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,705.79	4	4,064.86	4	4,423.81	4	4,781.48	4		4		4		4		4		4	
1/4	3,713.27	1/4	4,072.34	1/4	4,431.27	1/4	4,788.90	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,720.76	1/2	4,079.82	1/2	4,438.73	1/2	4,796.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,728.24	3/4	4,087.30	3/4	4,446.19	3/4	4,803.73	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,735.72	5	4,094.78	5	4,453.65	5	4,811.15	5		5		5		5		5		5	
1/4	3,743.20	1/4	4,102.26	1/4	4,461.11	1/4	4,818.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,750.68	1/2	4,109.74	1/2	4,468.57	1/2	4,825.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,758.16	3/4	4,117.22	3/4	4,476.02	3/4	4,833.41	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,765.64	6	4,124.70	6	4,483.48	6	4,840.83	6		6		6		6		6		6	
1/4	3,773.12	1/4	4,132.18	1/4	4,490.94	1/4	4,848.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,780.60	1/2	4,139.66	1/2	4,498.40	1/2	4,855.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,788.08	3/4	4,147.14	3/4	4,505.86	3/4	4,863.09	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,795.56	7	4,154.62	7	4,513.32	7	4,870.50	7		7		7		7		7		7	
1/4	3,803.04	1/4	4,162.10	1/4	4,520.78	1/4	4,877.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,810.52	1/2	4,169.59	1/2	4,528.24	1/2	4,885.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,818.00	3/4	4,177.07	3/4	4,535.70	3/4	4,892.77	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,825.48	8	4,184.55	8	4,543.15	8	4,900.19	8		8		8		8		8		8	
1/4	3,832.96	1/4	4,192.03	1/4	4,550.61	1/4	4,907.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,840.44	1/2	4,199.51	1/2	4,558.07	1/2	4,915.03	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,847.92	3/4	4,206.99	3/4	4,565.53	3/4	4,922.45	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,855.40	9	4,214.47	9	4,572.99	9	4,929.88	9		9		9		9		9		9	
1/4	3,862.88	1/4	4,221.95	1/4	4,580.45	1/4	4,937.30	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,870.37	1/2	4,229.43	1/2	4,587.91	1/2	4,944.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,877.85	3/4	4,236.91	3/4	4,595.37	3/4	4,952.15	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,885.33	10	4,244.39	10	4,602.82	10	4,959.57	10		10		10		10		10		10	
1/4	3,892.81	1/4	4,251.87	1/4	4,610.28	1/4	4,966.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,900.29	1/2	4,259.35	1/2	4,617.74	1/2	4,974.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,907.77	3/4	4,266.83	3/4	4,625.20	3/4	4,981.84	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,915.25	11	4,274.31	11	4,632.66	11	4,989.26	11		11		11		11		11		11	
1/4	3,922.73	1/4	4,281.79	1/4	4,640.12	1/4	4,996.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,930.21	1/2	4,289.27	1/2	4,647.58	1/2	5,003.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,937.69	3/4	4,296.75	3/4	4,655.04	3/4	5,011.13	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/14/2014 SW
CALCULATED: 05/14/2014 CL
PRINTED: 05/15/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

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

BARGE "SMI 30063"

2 STBD
INNAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09"

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	20.42	0	367.51	0	726.75	0	1,085.59	0	1,444.80	0	1,804.05	0	2,163.30	0	2,522.56	0	2,881.81	0	3,240.96
1/4	25.57	1/4	374.99	1/4	734.24	1/4	1,093.07	1/4	1,452.29	1/4	1,811.54	1/4	2,170.79	1/4	2,530.04	1/4	2,889.29	1/4	3,248.44
1/2	30.72	1/2	382.48	1/2	741.72	1/2	1,100.55	1/2	1,459.77	1/2	1,819.02	1/2	2,178.27	1/2	2,537.52	1/2	2,896.78	1/2	3,255.92
3/4	35.86	3/4	389.96	3/4	749.21	3/4	1,108.03	3/4	1,467.25	3/4	1,826.51	3/4	2,185.76	3/4	2,545.01	3/4	2,904.26	3/4	3,263.40
1	41.01	1	397.45	1	756.69	1	1,115.50	1	1,474.74	1	1,833.99	1	2,193.24	1	2,552.49	1	2,911.74	1	3,270.88
1/4	47.79	1/4	404.93	1/4	764.18	1/4	1,122.98	1/4	1,482.22	1/4	1,841.47	1/4	2,200.73	1/4	2,559.98	1/4	2,919.23	1/4	3,278.36
1/2	54.57	1/2	412.41	1/2	771.66	1/2	1,130.46	1/2	1,489.71	1/2	1,848.96	1/2	2,208.21	1/2	2,567.46	1/2	2,926.71	1/2	3,285.84
3/4	61.35	3/4	419.90	3/4	779.14	3/4	1,137.95	3/4	1,497.19	3/4	1,856.44	3/4	2,215.69	3/4	2,574.95	3/4	2,934.20	3/4	3,293.32
2	68.14	2	427.38	2	786.63	2	1,145.43	2	1,504.68	2	1,863.93	2	2,223.18	2	2,582.43	2	2,941.68	2	3,300.80
1/4	75.62	1/4	434.87	1/4	794.11	1/4	1,152.91	1/4	1,512.16	1/4	1,871.41	1/4	2,230.66	1/4	2,589.91	1/4	2,949.17	1/4	3,308.28
1/2	83.10	1/2	442.35	1/2	801.60	1/2	1,160.39	1/2	1,519.65	1/2	1,878.90	1/2	2,238.15	1/2	2,597.40	1/2	2,956.65	1/2	3,315.76
3/4	90.59	3/4	449.84	3/4	809.08	3/4	1,167.88	3/4	1,527.13	3/4	1,886.38	3/4	2,245.63	3/4	2,604.88	3/4	2,964.13	3/4	3,323.25
3	98.07	3	457.32	3	816.57	3	1,175.36	3	1,534.61	3	1,893.87	3	2,253.12	3	2,612.37	3	2,971.62	3	3,330.73
1/4	105.56	1/4	464.80	1/4	824.05	1/4	1,182.85	1/4	1,542.10	1/4	1,901.35	1/4	2,260.60	1/4	2,619.85	1/4	2,979.11	1/4	3,338.21
1/2	113.04	1/2	472.29	1/2	831.53	1/2	1,190.33	1/2	1,549.58	1/2	1,908.83	1/2	2,268.09	1/2	2,627.34	1/2	2,986.60	1/2	3,345.69
3/4	120.53	3/4	479.77	3/4	839.01	3/4	1,197.82	3/4	1,557.07	3/4	1,916.32	3/4	2,275.57	3/4	2,634.82	3/4	2,994.09	3/4	3,353.17
4	128.01	4	487.26	4	846.49	4	1,205.30	4	1,564.55	4	1,923.80	4	2,283.05	4	2,642.31	4	3,001.58	4	3,360.65
1/4	135.49	1/4	494.74	1/4	853.96	1/4	1,212.79	1/4	1,572.04	1/4	1,931.29	1/4	2,290.54	1/4	2,649.79	1/4	3,009.06	1/4	3,368.13
1/2	142.98	1/2	502.23	1/2	861.43	1/2	1,220.27	1/2	1,579.52	1/2	1,938.77	1/2	2,298.02	1/2	2,657.27	1/2	3,016.54	1/2	3,375.61
3/4	150.46	3/4	509.71	3/4	868.91	3/4	1,227.75	3/4	1,587.01	3/4	1,946.26	3/4	2,305.51	3/4	2,664.76	3/4	3,024.03	3/4	3,383.09
5	157.95	5	517.19	5	876.38	5	1,235.24	5	1,594.49	5	1,953.74	5	2,312.99	5	2,672.24	5	3,031.51	5	3,390.57
1/4	165.43	1/4	524.68	1/4	883.85	1/4	1,242.72	1/4	1,601.97	1/4	1,961.23	1/4	2,320.48	1/4	2,679.73	1/4	3,038.99	1/4	3,398.05
1/2	172.92	1/2	532.16	1/2	891.32	1/2	1,250.21	1/2	1,609.46	1/2	1,968.71	1/2	2,327.96	1/2	2,687.21	1/2	3,046.47	1/2	3,405.53
3/4	180.40	3/4	539.65	3/4	898.79	3/4	1,257.69	3/4	1,616.94	3/4	1,976.19	3/4	2,335.45	3/4	2,694.70	3/4	3,053.95	3/4	3,413.01
6	187.88	6	547.13	6	906.26	6	1,265.18	6	1,624.43	6	1,983.68	6	2,342.93	6	2,702.18	6	3,061.43	6	3,420.49
1/4	195.37	1/4	554.62	1/4	913.74	1/4	1,272.66	1/4	1,631.91	1/4	1,991.16	1/4	2,350.41	1/4	2,709.67	1/4	3,068.91	1/4	3,427.97
1/2	202.85	1/2	562.10	1/2	921.21	1/2	1,280.14	1/2	1,639.40	1/2	1,998.65	1/2	2,357.90	1/2	2,717.15	1/2	3,076.39	1/2	3,435.45
3/4	210.34	3/4	569.58	3/4	928.68	3/4	1,287.63	3/4	1,646.88	3/4	2,006.13	3/4	2,365.38	3/4	2,724.63	3/4	3,083.87	3/4	3,442.93
7	217.82	7	577.07	7	936.15	7	1,295.11	7	1,654.36	7	2,013.62	7	2,372.87	7	2,732.12	7	3,091.35	7	3,450.41
1/4	225.31	1/4	584.55	1/4	943.62	1/4	1,302.60	1/4	1,661.85	1/4	2,021.10	1/4	2,380.35	1/4	2,739.60	1/4	3,098.83	1/4	3,457.89
1/2	232.79	1/2	592.04	1/2	951.09	1/2	1,310.08	1/2	1,669.33	1/2	2,028.58	1/2	2,387.84	1/2	2,747.09	1/2	3,106.31	1/2	3,465.37
3/4	240.27	3/4	599.52	3/4	958.57	3/4	1,317.57	3/4	1,676.82	3/4	2,036.07	3/4	2,395.32	3/4	2,754.57	3/4	3,113.79	3/4	3,472.86
8	247.76	8	607.01	8	966.04	8	1,325.05	8	1,684.30	8	2,043.55	8	2,402.80	8	2,762.06	8	3,121.27	8	3,480.34
1/4	255.24	1/4	614.49	1/4	973.51	1/4	1,332.54	1/4	1,691.79	1/4	2,051.04	1/4	2,410.29	1/4	2,769.54	1/4	3,128.75	1/4	3,487.82
1/2	262.73	1/2	621.97	1/2	980.98	1/2	1,340.02	1/2	1,699.27	1/2	2,058.52	1/2	2,417.77	1/2	2,777.02	1/2	3,136.23	1/2	3,495.30
3/4	270.21	3/4	629.46	3/4	988.45	3/4	1,347.50	3/4	1,706.76	3/4	2,066.01	3/4	2,425.26	3/4	2,784.51	3/4	3,143.71	3/4	3,502.78
9	277.70	9	636.94	9	995.92	9	1,354.99	9	1,714.24	9	2,073.49	9	2,432.74	9	2,791.99	9	3,151.19	9	3,510.26
1/4	285.18	1/4	644.43	1/4	1,003.39	1/4	1,362.47	1/4	1,721.72	1/4	2,080.98	1/4	2,440.23	1/4	2,799.48	1/4	3,158.67	1/4	3,517.74
1/2	292.67	1/2	651.91	1/2	1,010.87	1/2	1,369.96	1/2	1,729.21	1/2	2,088.46	1/2	2,447.71	1/2	2,806.96	1/2	3,166.15	1/2	3,525.22
3/4	300.15	3/4	659.40	3/4	1,018.34	3/4	1,377.44	3/4	1,736.69	3/4	2,095.94	3/4	2,455.20	3/4	2,814.45	3/4	3,173.64	3/4	3,532.70
10	307.63	10	666.88	10	1,025.81	10	1,384.93	10	1,744.18	10	2,103.43	10	2,462.68	10	2,821.93	10	3,181.12	10	3,540.18
1/4	315.12	1/4	674.36	1/4	1,033.28	1/4	1,392.41	1/4	1,751.66	1/4	2,110.91	1/4	2,470.16	1/4	2,829.42	1/4	3,188.60	1/4	3,547.66
1/2	322.60	1/2	681.85	1/2	1,040.75	1/2	1,399.90	1/2	1,759.15	1/2	2,118.40	1/2	2,477.65	1/2	2,836.90	1/2	3,196.08	1/2	3,555.14
3/4	330.09	3/4	689.33	3/4	1,048.22	3/4	1,407.38	3/4	1,766.63	3/4	2,125.88	3/4	2,485.13	3/4	2,844.38	3/4	3,203.56	3/4	3,562.62
11	337.57	11	696.82	11	1,055.70	11	1,414.86	11	1,774.12	11	2,133.37	11	2,492.62	11	2,851.87	11	3,211.04	11	3,570.10
1/4	345.06	1/4	704.30	1/4	1,063.17	1/4	1,422.35	1/4	1,781.60	1/4	2,140.85	1/4	2,500.10	1/4	2,859.35	1/4	3,218.52	1/4	3,577.58
1/2	352.54	1/2	711.79	1/2	1,070.64	1/2	1,429.83	1/2	1,789.08	1/2	2,148.34	1/2	2,507.59	1/2	2,866.84	1/2	3,226.00	1/2	3,585.06
3/4	360.02	3/4	719.27	3/4	1,078.12	3/4	1,437.32	3/4	1,796.57	3/4	2,155.82	3/4	2,515.07	3/4	2,874.32	3/4	3,233.48	3/4	3,592.54

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 INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

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

BARGE "SMI 30063"

2 STBD
INNAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09"

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	3,600.02	0	3,959.09	0	4,318.15	0	4,676.41	0	5,032.34	0		0		0		0		0	
1/4	3,607.50	1/4	3,966.57	1/4	4,325.63	1/4	4,683.87	1/4	5,038.96	1/4		1/4		1/4		1/4		1/4	
1/2	3,614.98	1/2	3,974.05	1/2	4,333.11	1/2	4,691.33	1/2	5,045.58	1/2		1/2		1/2		1/2		1/2	
3/4	3,622.47	3/4	3,981.53	3/4	4,340.59	3/4	4,698.79	3/4	5,052.20	3/4		3/4		3/4		3/4		3/4	
1	3,629.95	1	3,989.01	1	4,348.07	1	4,706.25	1	5,058.82	1		1		1		1		1	
1/4	3,637.43	1/4	3,996.49	1/4	4,355.55	1/4	4,713.70	1/4	5,064.37	1/4		1/4		1/4		1/4		1/4	
1/2	3,644.91	1/2	4,003.97	1/2	4,363.03	1/2	4,721.15	1/2	5,069.93	1/2		1/2		1/2		1/2		1/2	
3/4	3,652.39	3/4	4,011.45	3/4	4,370.52	3/4	4,728.59	3/4	5,075.48	3/4		3/4		3/4		3/4		3/4	
2	3,659.87	2	4,018.93	2	4,378.00	2	4,736.04	2	5,081.03	2		2		2		2		2	
1/4	3,667.35	1/4	4,026.41	1/4	4,385.47	1/4	4,743.46	1/4	5,085.51	1/4		1/4		1/4		1/4		1/4	
1/2	3,674.83	1/2	4,033.89	1/2	4,392.95	1/2	4,750.88	1/2	5,090.00	1/2		1/2		1/2		1/2		1/2	
3/4	3,682.31	3/4	4,041.37	3/4	4,400.42	3/4	4,758.30	3/4	5,094.48	3/4		3/4		3/4		3/4		3/4	
3	3,689.79	3	4,048.85	3	4,407.90	3	4,765.72	3		3		3		3		3		3	
1/4	3,697.27	1/4	4,056.33	1/4	4,415.35	1/4	4,773.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,704.75	1/2	4,063.81	1/2	4,422.81	1/2	4,780.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,712.23	3/4	4,071.30	3/4	4,430.27	3/4	4,787.98	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,719.71	4	4,078.78	4	4,437.73	4	4,795.39	4		4		4		4		4		4	
1/4	3,727.19	1/4	4,086.26	1/4	4,445.19	1/4	4,802.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,734.67	1/2	4,093.74	1/2	4,452.65	1/2	4,810.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,742.15	3/4	4,101.22	3/4	4,460.11	3/4	4,817.65	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,749.63	5	4,108.70	5	4,467.57	5	4,825.07	5		5		5		5		5		5	
1/4	3,757.11	1/4	4,116.18	1/4	4,475.03	1/4	4,832.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,764.59	1/2	4,123.66	1/2	4,482.48	1/2	4,839.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,772.08	3/4	4,131.14	3/4	4,489.94	3/4	4,847.33	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,779.56	6	4,138.62	6	4,497.40	6	4,854.75	6		6		6		6		6		6	
1/4	3,787.04	1/4	4,146.10	1/4	4,504.86	1/4	4,862.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,794.52	1/2	4,153.58	1/2	4,512.32	1/2	4,869.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,802.00	3/4	4,161.06	3/4	4,519.78	3/4	4,877.00	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,809.48	7	4,168.54	7	4,527.24	7	4,884.42	7		7		7		7		7		7	
1/4	3,816.96	1/4	4,176.02	1/4	4,534.70	1/4	4,891.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,824.44	1/2	4,183.50	1/2	4,542.15	1/2	4,899.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,831.92	3/4	4,190.98	3/4	4,549.61	3/4	4,906.68	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,839.40	8	4,198.46	8	4,557.07	8	4,914.10	8		8		8		8		8		8	
1/4	3,846.88	1/4	4,205.94	1/4	4,564.53	1/4	4,921.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,854.36	1/2	4,213.42	1/2	4,571.99	1/2	4,928.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,861.84	3/4	4,220.91	3/4	4,579.45	3/4	4,936.37	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,869.32	9	4,228.39	9	4,586.91	9	4,943.80	9		9		9		9		9		9	
1/4	3,876.80	1/4	4,235.87	1/4	4,594.37	1/4	4,951.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,884.28	1/2	4,243.35	1/2	4,601.82	1/2	4,958.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,891.76	3/4	4,250.83	3/4	4,609.28	3/4	4,966.06	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,899.24	10	4,258.31	10	4,616.74	10	4,973.49	10		10		10		10		10		10	
1/4	3,906.72	1/4	4,265.79	1/4	4,624.20	1/4	4,980.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,914.20	1/2	4,273.27	1/2	4,631.66	1/2	4,988.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,921.69	3/4	4,280.75	3/4	4,639.12	3/4	4,995.76	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,929.17	11	4,288.23	11	4,646.58	11	5,003.18	11		11		11		11		11		11	
1/4	3,936.65	1/4	4,295.71	1/4	4,654.04	1/4	5,010.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,944.13	1/2	4,303.19	1/2	4,661.50	1/2	5,017.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,951.61	3/4	4,310.67	3/4	4,668.95	3/4	5,025.05	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/14/2014 SW
CALCULATED: 05/14/2014 CL
PRINTED: 05/15/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

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

BARGE "SMI 30063"

3 PORT
INNAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09"

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	20.35	0	365.75	0	723.11	0	1,072.78	0	1,426.71	0	1,783.89	0	2,138.99	0	2,493.99	0	2,850.92	0	3,207.66
1/4	25.48	1/4	373.20	1/4	730.56	1/4	1,079.99	1/4	1,434.15	1/4	1,791.33	1/4	2,146.37	1/4	2,501.43	1/4	2,858.35	1/4	3,215.09
1/2	30.61	1/2	380.64	1/2	738.00	1/2	1,087.21	1/2	1,441.60	1/2	1,798.77	1/2	2,153.75	1/2	2,508.87	1/2	2,865.79	1/2	3,222.52
3/4	35.73	3/4	388.09	3/4	745.45	3/4	1,094.43	3/4	1,449.04	3/4	1,806.21	3/4	2,161.12	3/4	2,516.31	3/4	2,873.22	3/4	3,229.95
1	40.86	1	395.53	1	752.89	1	1,101.65	1	1,456.48	1	1,813.66	1	2,168.50	1	2,523.75	1	2,880.65	1	3,237.38
1/4	47.62	1/4	402.97	1/4	760.34	1/4	1,108.87	1/4	1,463.92	1/4	1,821.10	1/4	2,175.88	1/4	2,531.19	1/4	2,888.09	1/4	3,244.81
1/2	54.38	1/2	410.42	1/2	767.79	1/2	1,116.09	1/2	1,471.36	1/2	1,828.54	1/2	2,183.26	1/2	2,538.63	1/2	2,895.52	1/2	3,252.23
3/4	61.13	3/4	417.86	3/4	775.23	3/4	1,123.32	3/4	1,478.80	3/4	1,835.98	3/4	2,190.64	3/4	2,546.08	3/4	2,902.96	3/4	3,259.66
2	67.89	2	425.31	2	782.68	2	1,130.54	2	1,486.24	2	1,843.42	2	2,198.01	2	2,553.52	2	2,910.39	2	3,267.08
1/4	75.35	1/4	432.75	1/4	790.12	1/4	1,137.77	1/4	1,493.68	1/4	1,850.86	1/4	2,205.39	1/4	2,560.96	1/4	2,917.82	1/4	3,274.49
1/2	82.80	1/2	440.19	1/2	797.57	1/2	1,145.00	1/2	1,501.13	1/2	1,858.30	1/2	2,212.77	1/2	2,568.40	1/2	2,925.26	1/2	3,281.90
3/4	90.26	3/4	447.64	3/4	805.01	3/4	1,152.23	3/4	1,508.57	3/4	1,865.74	3/4	2,220.15	3/4	2,575.84	3/4	2,932.69	3/4	3,289.31
3	97.71	3	455.08	3	812.46	3	1,159.46	3	1,516.01	3	1,873.19	3	2,227.53	3	2,583.28	3	2,940.12	3	3,296.72
1/4	105.17	1/4	462.53	1/4	819.84	1/4	1,166.74	1/4	1,523.45	1/4	1,880.61	1/4	2,234.91	1/4	2,590.72	1/4	2,947.56	1/4	3,304.13
1/2	112.62	1/2	469.97	1/2	827.23	1/2	1,174.03	1/2	1,530.89	1/2	1,888.03	1/2	2,242.30	1/2	2,598.16	1/2	2,954.99	1/2	3,311.54
3/4	120.07	3/4	477.42	3/4	834.62	3/4	1,181.31	3/4	1,538.33	3/4	1,895.46	3/4	2,249.68	3/4	2,605.60	3/4	2,962.42	3/4	3,318.95
4	127.52	4	484.86	4	842.00	4	1,188.59	4	1,545.77	4	1,902.88	4	2,257.06	4	2,613.04	4	2,969.86	4	3,326.37
1/4	134.96	1/4	492.31	1/4	849.21	1/4	1,196.04	1/4	1,553.21	1/4	1,910.26	1/4	2,264.47	1/4	2,620.47	1/4	2,977.29	1/4	3,333.78
1/2	142.41	1/2	499.75	1/2	856.42	1/2	1,203.48	1/2	1,560.65	1/2	1,917.64	1/2	2,271.87	1/2	2,627.91	1/2	2,984.72	1/2	3,341.19
3/4	149.86	3/4	507.20	3/4	863.64	3/4	1,210.92	3/4	1,568.10	3/4	1,925.02	3/4	2,279.27	3/4	2,635.34	3/4	2,992.15	3/4	3,348.60
5	157.31	5	514.64	5	870.85	5	1,218.36	5	1,575.54	5	1,932.40	5	2,286.68	5	2,642.77	5	2,999.58	5	3,356.01
1/4	164.75	1/4	522.09	1/4	878.06	1/4	1,225.80	1/4	1,582.98	1/4	1,939.77	1/4	2,294.08	1/4	2,650.21	1/4	3,007.01	1/4	3,363.42
1/2	172.20	1/2	529.53	1/2	885.27	1/2	1,233.24	1/2	1,590.42	1/2	1,947.15	1/2	2,301.48	1/2	2,657.64	1/2	3,014.44	1/2	3,370.83
3/4	179.64	3/4	536.98	3/4	892.48	3/4	1,240.68	3/4	1,597.86	3/4	1,954.53	3/4	2,308.88	3/4	2,665.07	3/4	3,021.88	3/4	3,378.24
6	187.09	6	544.42	6	899.69	6	1,248.12	6	1,605.30	6	1,961.91	6	2,316.29	6	2,672.51	6	3,029.31	6	3,385.65
1/4	194.53	1/4	551.87	1/4	906.90	1/4	1,255.57	1/4	1,612.74	1/4	1,969.29	1/4	2,323.69	1/4	2,679.94	1/4	3,036.74	1/4	3,393.06
1/2	201.98	1/2	559.31	1/2	914.12	1/2	1,263.01	1/2	1,620.18	1/2	1,976.67	1/2	2,331.09	1/2	2,687.38	1/2	3,044.17	1/2	3,400.47
3/4	209.43	3/4	566.76	3/4	921.33	3/4	1,270.45	3/4	1,627.63	3/4	1,984.04	3/4	2,338.49	3/4	2,694.81	3/4	3,051.60	3/4	3,407.88
7	216.87	7	574.20	7	928.54	7	1,277.89	7	1,635.07	7	1,991.42	7	2,345.90	7	2,702.24	7	3,059.03	7	3,415.29
1/4	224.32	1/4	581.65	1/4	935.75	1/4	1,285.33	1/4	1,642.51	1/4	1,998.80	1/4	2,353.30	1/4	2,709.68	1/4	3,066.46	1/4	3,422.70
1/2	231.76	1/2	589.10	1/2	942.96	1/2	1,292.77	1/2	1,649.95	1/2	2,006.18	1/2	2,360.70	1/2	2,717.11	1/2	3,073.89	1/2	3,430.11
3/4	239.21	3/4	596.54	3/4	950.17	3/4	1,300.21	3/4	1,657.39	3/4	2,013.56	3/4	2,368.11	3/4	2,724.54	3/4	3,081.33	3/4	3,437.52
8	246.65	8	603.99	8	957.38	8	1,307.65	8	1,664.83	8	2,020.94	8	2,375.51	8	2,731.98	8	3,088.76	8	3,444.93
1/4	254.09	1/4	611.43	1/4	964.60	1/4	1,315.10	1/4	1,672.27	1/4	2,028.31	1/4	2,382.91	1/4	2,739.41	1/4	3,096.19	1/4	3,452.34
1/2	261.54	1/2	618.88	1/2	971.81	1/2	1,322.54	1/2	1,679.71	1/2	2,035.69	1/2	2,390.31	1/2	2,746.85	1/2	3,103.62	1/2	3,459.75
3/4	268.98	3/4	626.32	3/4	979.02	3/4	1,329.98	3/4	1,687.16	3/4	2,043.07	3/4	2,397.72	3/4	2,754.28	3/4	3,111.05	3/4	3,467.16
9	276.43	9	633.77	9	986.23	9	1,337.42	9	1,694.60	9	2,050.45	9	2,405.12	9	2,761.71	9	3,118.48	9	3,474.57
1/4	283.87	1/4	641.21	1/4	993.44	1/4	1,344.86	1/4	1,702.04	1/4	2,057.83	1/4	2,412.52	1/4	2,769.15	1/4	3,125.91	1/4	3,481.99
1/2	291.31	1/2	648.66	1/2	1,000.65	1/2	1,352.30	1/2	1,709.48	1/2	2,065.21	1/2	2,419.92	1/2	2,776.58	1/2	3,133.34	1/2	3,489.40
3/4	298.76	3/4	656.10	3/4	1,007.86	3/4	1,359.74	3/4	1,716.92	3/4	2,072.58	3/4	2,427.33	3/4	2,784.02	3/4	3,140.78	3/4	3,496.81
10	306.20	10	663.55	10	1,015.08	10	1,367.18	10	1,724.36	10	2,079.96	10	2,434.73	10	2,791.45	10	3,148.21	10	3,504.23
1/4	313.65	1/4	671.00	1/4	1,022.29	1/4	1,374.62	1/4	1,731.80	1/4	2,087.34	1/4	2,442.13	1/4	2,798.88	1/4	3,155.64	1/4	3,511.65
1/2	321.09	1/2	678.44	1/2	1,029.50	1/2	1,382.07	1/2	1,739.24	1/2	2,094.72	1/2	2,449.53	1/2	2,806.32	1/2	3,163.07	1/2	3,519.07
3/4	328.53	3/4	685.89	3/4	1,036.71	3/4	1,389.51	3/4	1,746.68	3/4	2,102.10	3/4	2,456.94	3/4	2,813.75	3/4	3,170.50	3/4	3,526.49
11	335.98	11	693.33	11	1,043.92	11	1,396.95	11	1,754.13	11	2,109.48	11	2,464.34	11	2,821.18	11	3,177.93	11	3,533.91
1/4	343.42	1/4	700.78	1/4	1,051.13	1/4	1,404.39	1/4	1,761.57	1/4	2,116.85	1/4	2,471.75	1/4	2,828.62	1/4	3,185.36	1/4	3,541.34
1/2	350.87	1/2	708.22	1/2	1,058.35	1/2	1,411.83	1/2	1,769.01	1/2	2,124.23	1/2	2,479.16	1/2	2,836.05	1/2	3,192.79	1/2	3,548.77
3/4	358.31	3/4	715.67	3/4	1,065.56	3/4	1,419.27	3/4	1,776.45	3/4	2,131.61	3/4	2,486.58	3/4	2,843.49	3/4	3,200.22	3/4	3,556.20

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 INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

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

BARGE "SMI 30063"

3 PORT
INNAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09"

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	3,563.63	0	3,791.55	0	4,010.82	0	4,229.56	0	4,446.52	0		0		0		0		0	
1/4	3,570.36	1/4	3,796.12	1/4	4,015.39	1/4	4,234.11	1/4	4,450.25	1/4		1/4		1/4		1/4		1/4	
1/2	3,577.09	1/2	3,800.69	1/2	4,019.96	1/2	4,238.66	1/2	4,453.98	1/2		1/2		1/2		1/2		1/2	
3/4	3,583.83	3/4	3,805.26	3/4	4,024.53	3/4	4,243.22	3/4	4,457.71	3/4		3/4		3/4		3/4		3/4	
1	3,590.56	1	3,809.82	1	4,029.09	1	4,247.77	1	4,461.44	1		1		1		1		1	
1/4	3,595.12	1/4	3,814.39	1/4	4,033.66	1/4	4,252.32	1/4	4,464.11	1/4		1/4		1/4		1/4		1/4	
1/2	3,599.69	1/2	3,818.96	1/2	4,038.23	1/2	4,256.87	1/2	4,466.77	1/2		1/2		1/2		1/2		1/2	
3/4	3,604.26	3/4	3,823.53	3/4	4,042.80	3/4	4,261.41	3/4	4,469.44	3/4		3/4		3/4		3/4		3/4	
2	3,608.83	2	3,828.10	2	4,047.37	2	4,265.96	2	4,472.10	2		2		2		2		2	
1/4	3,613.40	1/4	3,832.67	1/4	4,051.93	1/4	4,270.49	1/4	4,473.95	1/4		1/4		1/4		1/4		1/4	
1/2	3,617.96	1/2	3,837.23	1/2	4,056.50	1/2	4,275.01	1/2	4,475.80	1/2		1/2		1/2		1/2		1/2	
3/4	3,622.53	3/4	3,841.80	3/4	4,061.06	3/4	4,279.54	3/4	4,477.65	3/4		3/4		3/4		3/4		3/4	
3	3,627.10	3	3,846.37	3	4,065.63	3	4,284.07	3	——	3		3		3		3		3	
1/4	3,631.67	1/4	3,850.94	1/4	4,070.18	1/4	4,288.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,636.24	1/2	3,855.51	1/2	4,074.73	1/2	4,293.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,640.81	3/4	3,860.07	3/4	4,079.29	3/4	4,297.65	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,645.37	4	3,864.64	4	4,083.84	4	4,302.17	4		4		4		4		4		4	
1/4	3,649.94	1/4	3,869.21	1/4	4,088.40	1/4	4,306.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,654.51	1/2	3,873.78	1/2	4,092.95	1/2	4,311.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,659.08	3/4	3,878.35	3/4	4,097.50	3/4	4,315.75	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,663.65	5	3,882.91	5	4,102.06	5	4,320.28	5		5		5		5		5		5	
1/4	3,668.21	1/4	3,887.48	1/4	4,106.61	1/4	4,324.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,672.78	1/2	3,892.05	1/2	4,111.16	1/2	4,329.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,677.35	3/4	3,896.62	3/4	4,115.72	3/4	4,333.86	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,681.92	6	3,901.19	6	4,120.27	6	4,338.38	6		6		6		6		6		6	
1/4	3,686.49	1/4	3,905.75	1/4	4,124.82	1/4	4,342.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,691.05	1/2	3,910.32	1/2	4,129.38	1/2	4,347.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,695.62	3/4	3,914.89	3/4	4,133.93	3/4	4,351.96	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,700.19	7	3,919.46	7	4,138.48	7	4,356.49	7		7		7		7		7		7	
1/4	3,704.76	1/4	3,924.03	1/4	4,143.04	1/4	4,361.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,709.33	1/2	3,928.60	1/2	4,147.59	1/2	4,365.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,713.89	3/4	3,933.16	3/4	4,152.15	3/4	4,370.07	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,718.46	8	3,937.73	8	4,156.70	8	4,374.59	8		8		8		8		8		8	
1/4	3,723.03	1/4	3,942.30	1/4	4,161.25	1/4	4,379.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,727.60	1/2	3,946.87	1/2	4,165.81	1/2	4,383.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,732.17	3/4	3,951.44	3/4	4,170.36	3/4	4,388.18	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,736.74	9	3,956.00	9	4,174.91	9	4,392.71	9		9		9		9		9		9	
1/4	3,741.30	1/4	3,960.57	1/4	4,179.47	1/4	4,397.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,745.87	1/2	3,965.14	1/2	4,184.02	1/2	4,401.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,750.44	3/4	3,969.71	3/4	4,188.57	3/4	4,406.30	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,755.01	10	3,974.28	10	4,193.13	10	4,410.83	10		10		10		10		10		10	
1/4	3,759.58	1/4	3,978.84	1/4	4,197.68	1/4	4,415.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,764.14	1/2	3,983.41	1/2	4,202.24	1/2	4,419.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,768.71	3/4	3,987.98	3/4	4,206.79	3/4	4,424.41	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,773.28	11	3,992.55	11	4,211.34	11	4,428.94	11		11		11		11		11		11	
1/4	3,777.85	1/4	3,997.12	1/4	4,215.90	1/4	4,433.34	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,782.42	1/2	4,001.69	1/2	4,220.45	1/2	4,437.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,786.98	3/4	4,006.25	3/4	4,225.00	3/4	4,442.13	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/14/2014 SW
CALCULATED: 05/14/2014 CL
PRINTED: 05/15/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

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

BARGE "SMI 30063"

3 STBD
INNAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 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	20.35	0	366.18	0	724.12	0	1,081.57	0	1,439.46	0	1,797.41	0	2,155.36	0	2,513.31	0	2,871.03	0	3,228.55
1/4	25.48	1/4	373.63	1/4	731.57	1/4	1,089.02	1/4	1,446.92	1/4	1,804.87	1/4	2,162.82	1/4	2,520.77	1/4	2,878.48	1/4	3,235.99
1/2	30.61	1/2	381.09	1/2	739.03	1/2	1,096.47	1/2	1,454.38	1/2	1,812.33	1/2	2,170.28	1/2	2,528.23	1/2	2,885.93	1/2	3,243.44
3/4	35.73	3/4	388.55	3/4	746.49	3/4	1,103.92	3/4	1,461.84	3/4	1,819.79	3/4	2,177.74	3/4	2,535.69	3/4	2,893.38	3/4	3,250.89
1	40.86	1	396.00	1	753.94	1	1,111.37	1	1,469.29	1	1,827.24	1	2,185.19	1	2,543.14	1	2,900.83	1	3,258.34
1/4	47.62	1/4	403.46	1/4	761.40	1/4	1,118.82	1/4	1,476.75	1/4	1,834.70	1/4	2,192.65	1/4	2,550.60	1/4	2,908.28	1/4	3,265.78
1/2	54.38	1/2	410.92	1/2	768.86	1/2	1,126.27	1/2	1,484.21	1/2	1,842.16	1/2	2,200.11	1/2	2,558.06	1/2	2,915.73	1/2	3,273.22
3/4	61.13	3/4	418.38	3/4	776.32	3/4	1,133.72	3/4	1,491.66	3/4	1,849.61	3/4	2,207.57	3/4	2,565.52	3/4	2,923.18	3/4	3,280.66
2	67.89	2	425.83	2	783.77	2	1,141.17	2	1,499.12	2	1,857.07	2	2,215.02	2	2,572.97	2	2,930.63	2	3,288.10
1/4	75.35	1/4	433.29	1/4	791.23	1/4	1,148.63	1/4	1,506.58	1/4	1,864.53	1/4	2,222.48	1/4	2,580.43	1/4	2,938.08	1/4	3,295.53
1/2	82.81	1/2	440.75	1/2	798.69	1/2	1,156.09	1/2	1,514.04	1/2	1,871.99	1/2	2,229.94	1/2	2,587.89	1/2	2,945.53	1/2	3,302.96
3/4	90.26	3/4	448.20	3/4	806.14	3/4	1,163.54	3/4	1,521.49	3/4	1,879.44	3/4	2,237.39	3/4	2,595.34	3/4	2,952.98	3/4	3,310.38
3	97.72	3	455.66	3	813.60	3	1,171.00	3	1,528.95	3	1,886.90	3	2,244.85	3	2,602.80	3	2,960.43	3	3,317.81
1/4	105.18	1/4	463.12	1/4	821.06	1/4	1,178.46	1/4	1,536.41	1/4	1,894.36	1/4	2,252.31	1/4	2,610.26	1/4	2,967.88	1/4	3,325.24
1/2	112.63	1/2	470.58	1/2	828.51	1/2	1,185.92	1/2	1,543.87	1/2	1,901.82	1/2	2,259.77	1/2	2,617.72	1/2	2,975.33	1/2	3,332.67
3/4	120.09	3/4	478.03	3/4	835.96	3/4	1,193.37	3/4	1,551.32	3/4	1,909.27	3/4	2,267.22	3/4	2,625.17	3/4	2,982.78	3/4	3,340.09
4	127.55	4	485.49	4	843.42	4	1,200.83	4	1,558.78	4	1,916.73	4	2,274.68	4	2,632.63	4	2,990.23	4	3,347.52
1/4	135.01	1/4	492.95	1/4	850.86	1/4	1,208.29	1/4	1,566.24	1/4	1,924.19	1/4	2,282.14	1/4	2,640.08	1/4	2,997.68	1/4	3,354.95
1/2	142.46	1/2	500.40	1/2	858.30	1/2	1,215.74	1/2	1,573.69	1/2	1,931.65	1/2	2,289.60	1/2	2,647.53	1/2	3,005.12	1/2	3,362.37
3/4	149.92	3/4	507.86	3/4	865.74	3/4	1,223.20	3/4	1,581.15	3/4	1,939.10	3/4	2,297.05	3/4	2,654.98	3/4	3,012.57	3/4	3,369.80
5	157.38	5	515.32	5	873.18	5	1,230.66	5	1,588.61	5	1,946.56	5	2,304.51	5	2,662.43	5	3,020.02	5	3,377.23
1/4	164.83	1/4	522.77	1/4	880.63	1/4	1,238.12	1/4	1,596.07	1/4	1,954.02	1/4	2,311.97	1/4	2,669.88	1/4	3,027.47	1/4	3,384.65
1/2	172.29	1/2	530.23	1/2	888.07	1/2	1,245.57	1/2	1,603.52	1/2	1,961.47	1/2	2,319.42	1/2	2,677.33	1/2	3,034.91	1/2	3,392.08
3/4	179.75	3/4	537.69	3/4	895.51	3/4	1,253.03	3/4	1,610.98	3/4	1,968.93	3/4	2,326.88	3/4	2,684.78	3/4	3,042.36	3/4	3,399.51
6	187.21	6	545.15	6	902.95	6	1,260.49	6	1,618.44	6	1,976.39	6	2,334.34	6	2,692.23	6	3,049.81	6	3,406.93
1/4	194.66	1/4	552.60	1/4	910.39	1/4	1,267.95	1/4	1,625.90	1/4	1,983.85	1/4	2,341.80	1/4	2,699.68	1/4	3,057.26	1/4	3,414.36
1/2	202.12	1/2	560.06	1/2	917.84	1/2	1,275.40	1/2	1,633.35	1/2	1,991.30	1/2	2,349.25	1/2	2,707.13	1/2	3,064.70	1/2	3,421.79
3/4	209.58	3/4	567.52	3/4	925.28	3/4	1,282.86	3/4	1,640.81	3/4	1,998.76	3/4	2,356.71	3/4	2,714.58	3/4	3,072.15	3/4	3,429.21
7	217.03	7	574.97	7	932.72	7	1,290.32	7	1,648.27	7	2,006.22	7	2,364.17	7	2,722.03	7	3,079.60	7	3,436.64
1/4	224.49	1/4	582.43	1/4	940.16	1/4	1,297.77	1/4	1,655.72	1/4	2,013.68	1/4	2,371.63	1/4	2,729.48	1/4	3,087.05	1/4	3,444.07
1/2	231.95	1/2	589.89	1/2	947.60	1/2	1,305.23	1/2	1,663.18	1/2	2,021.13	1/2	2,379.08	1/2	2,736.93	1/2	3,094.49	1/2	3,451.49
3/4	239.40	3/4	597.35	3/4	955.05	3/4	1,312.69	3/4	1,670.64	3/4	2,028.59	3/4	2,386.54	3/4	2,744.38	3/4	3,101.94	3/4	3,458.92
8	246.86	8	604.80	8	962.49	8	1,320.15	8	1,678.10	8	2,036.05	8	2,394.00	8	2,751.83	8	3,109.39	8	3,466.35
1/4	254.32	1/4	612.26	1/4	969.93	1/4	1,327.60	1/4	1,685.55	1/4	2,043.50	1/4	2,401.45	1/4	2,759.28	1/4	3,116.84	1/4	3,473.77
1/2	261.78	1/2	619.72	1/2	977.37	1/2	1,335.06	1/2	1,693.01	1/2	2,050.96	1/2	2,408.91	1/2	2,766.73	1/2	3,124.28	1/2	3,481.20
3/4	269.23	3/4	627.17	3/4	984.81	3/4	1,342.52	3/4	1,700.47	3/4	2,058.42	3/4	2,416.37	3/4	2,774.18	3/4	3,131.73	3/4	3,488.63
9	276.69	9	634.63	9	992.26	9	1,349.98	9	1,707.93	9	2,065.88	9	2,423.83	9	2,781.63	9	3,139.18	9	3,496.05
1/4	284.15	1/4	642.09	1/4	999.70	1/4	1,357.43	1/4	1,715.38	1/4	2,073.33	1/4	2,431.28	1/4	2,789.08	1/4	3,146.63	1/4	3,503.48
1/2	291.60	1/2	649.55	1/2	1,007.14	1/2	1,364.89	1/2	1,722.84	1/2	2,080.79	1/2	2,438.74	1/2	2,796.53	1/2	3,154.07	1/2	3,510.91
3/4	299.06	3/4	657.00	3/4	1,014.58	3/4	1,372.35	3/4	1,730.30	3/4	2,088.25	3/4	2,446.20	3/4	2,803.98	3/4	3,161.52	3/4	3,518.33
10	306.52	10	664.46	10	1,022.02	10	1,379.80	10	1,737.76	10	2,095.71	10	2,453.66	10	2,811.43	10	3,168.97	10	3,525.76
1/4	313.98	1/4	671.92	1/4	1,029.47	1/4	1,387.26	1/4	1,745.21	1/4	2,103.16	1/4	2,461.11	1/4	2,818.88	1/4	3,176.41	1/4	3,533.19
1/2	321.43	1/2	679.37	1/2	1,036.91	1/2	1,394.72	1/2	1,752.67	1/2	2,110.62	1/2	2,468.57	1/2	2,826.33	1/2	3,183.86	1/2	3,540.61
3/4	328.89	3/4	686.83	3/4	1,044.35	3/4	1,402.18	3/4	1,760.13	3/4	2,118.08	3/4	2,476.03	3/4	2,833.78	3/4	3,191.31	3/4	3,548.04
11	336.35	11	694.29	11	1,051.79	11	1,409.63	11	1,767.58	11	2,125.53	11	2,483.49	11	2,841.23	11	3,198.76	11	3,555.47
1/4	343.80	1/4	701.75	1/4	1,059.24	1/4	1,417.09	1/4	1,775.04	1/4	2,132.99	1/4	2,490.94	1/4	2,848.68	1/4	3,206.20	1/4	3,562.90
1/2	351.26	1/2	709.20	1/2	1,066.68	1/2	1,424.55	1/2	1,782.50	1/2	2,140.45	1/2	2,498.40	1/2	2,856.13	1/2	3,213.65	1/2	3,570.33
3/4	358.72	3/4	716.66	3/4	1,074.12	3/4	1,432.01	3/4	1,789.96	3/4	2,147.91	3/4	2,505.86	3/4	2,863.58	3/4	3,221.10	3/4	3,577.76

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 INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

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

BARGE "SMI 30063"

3 STBD
INNAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 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	3,585.20	0	3,813.08	0	4,032.32	0	4,251.02	0	4,467.96	0		0		0		0		0	
1/4	3,591.93	1/4	3,817.65	1/4	4,036.89	1/4	4,255.57	1/4	4,471.69	1/4		1/4		1/4		1/4		1/4	
1/2	3,598.66	1/2	3,822.22	1/2	4,041.45	1/2	4,260.13	1/2	4,475.42	1/2		1/2		1/2		1/2		1/2	
3/4	3,605.39	3/4	3,826.79	3/4	4,046.02	3/4	4,264.68	3/4	4,479.15	3/4		3/4		3/4		3/4		3/4	
1	3,612.12	1	3,831.35	1	4,050.59	1	4,269.23	1	4,482.88	1		1		1		1		1	
1/4	3,616.69	1/4	3,835.92	1/4	4,055.16	1/4	4,273.78	1/4	4,485.54	1/4		1/4		1/4		1/4		1/4	
1/2	3,621.25	1/2	3,840.49	1/2	4,059.72	1/2	4,278.33	1/2	4,488.21	1/2		1/2		1/2		1/2		1/2	
3/4	3,625.82	3/4	3,845.06	3/4	4,064.29	3/4	4,282.87	3/4	4,490.87	3/4		3/4		3/4		3/4		3/4	
2	3,630.39	2	3,849.62	2	4,068.86	2	4,287.42	2	4,493.54	2		2		2		2		2	
1/4	3,634.96	1/4	3,854.19	1/4	4,073.42	1/4	4,291.94	1/4	4,495.38	1/4		1/4		1/4		1/4		1/4	
1/2	3,639.52	1/2	3,858.76	1/2	4,077.99	1/2	4,296.47	1/2	4,497.23	1/2		1/2		1/2		1/2		1/2	
3/4	3,644.09	3/4	3,863.33	3/4	4,082.55	3/4	4,301.00	3/4	4,499.08	3/4		3/4		3/4		3/4		3/4	
3	3,648.66	3	3,867.89	3	4,087.12	3	4,305.52	3		3		3		3		3		3	
1/4	3,653.23	1/4	3,872.46	1/4	4,091.67	1/4	4,310.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,657.79	1/2	3,877.03	1/2	4,096.22	1/2	4,314.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,662.36	3/4	3,881.60	3/4	4,100.78	3/4	4,319.10	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,666.93	4	3,886.16	4	4,105.33	4	4,323.62	4		4		4		4		4		4	
1/4	3,671.50	1/4	3,890.73	1/4	4,109.88	1/4	4,328.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,676.06	1/2	3,895.30	1/2	4,114.43	1/2	4,332.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,680.63	3/4	3,899.87	3/4	4,118.99	3/4	4,337.20	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,685.20	5	3,904.43	5	4,123.54	5	4,341.73	5		5		5		5		5		5	
1/4	3,689.77	1/4	3,909.00	1/4	4,128.09	1/4	4,346.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,694.33	1/2	3,913.57	1/2	4,132.65	1/2	4,350.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,698.90	3/4	3,918.14	3/4	4,137.20	3/4	4,355.30	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,703.47	6	3,922.70	6	4,141.75	6	4,359.83	6		6		6		6		6		6	
1/4	3,708.03	1/4	3,927.27	1/4	4,146.30	1/4	4,364.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,712.60	1/2	3,931.84	1/2	4,150.86	1/2	4,368.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,717.17	3/4	3,936.40	3/4	4,155.41	3/4	4,373.40	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,721.74	7	3,940.97	7	4,159.96	7	4,377.93	7		7		7		7		7		7	
1/4	3,726.30	1/4	3,945.54	1/4	4,164.52	1/4	4,382.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,730.87	1/2	3,950.11	1/2	4,169.07	1/2	4,386.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,735.44	3/4	3,954.67	3/4	4,173.62	3/4	4,391.51	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,740.01	8	3,959.24	8	4,178.18	8	4,396.04	8		8		8		8		8		8	
1/4	3,744.57	1/4	3,963.81	1/4	4,182.73	1/4	4,400.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,749.14	1/2	3,968.38	1/2	4,187.28	1/2	4,405.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,753.71	3/4	3,972.94	3/4	4,191.83	3/4	4,409.62	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,758.28	9	3,977.51	9	4,196.39	9	4,414.15	9		9		9		9		9		9	
1/4	3,762.84	1/4	3,982.08	1/4	4,200.94	1/4	4,418.68	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,767.41	1/2	3,986.65	1/2	4,205.49	1/2	4,423.21	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,771.98	3/4	3,991.21	3/4	4,210.05	3/4	4,427.73	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,776.55	10	3,995.78	10	4,214.60	10	4,432.26	10		10		10		10		10		10	
1/4	3,781.11	1/4	4,000.35	1/4	4,219.15	1/4	4,436.79	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,785.68	1/2	4,004.92	1/2	4,223.70	1/2	4,441.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,790.25	3/4	4,009.48	3/4	4,228.26	3/4	4,445.85	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,794.82	11	4,014.05	11	4,232.81	11	4,450.37	11		11		11		11		11		11	
1/4	3,799.38	1/4	4,018.62	1/4	4,237.36	1/4	4,454.77	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,803.95	1/2	4,023.19	1/2	4,241.92	1/2	4,459.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,808.52	3/4	4,027.75	3/4	4,246.47	3/4	4,463.56	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/14/2014 SW
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CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

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

BARGE "SMI 30063"

SLOP TANK
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-08"

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	433	0	1,021	0	1,641	0	2,206	0		0		0		0		0	
1/4	5	1/4	444	1/4	1,034	1/4	1,653	1/4	2,216	1/4		1/4		1/4		1/4		1/4	
1/2	11	1/2	456	1/2	1,047	1/2	1,666	1/2	2,227	1/2		1/2		1/2		1/2		1/2	
3/4	16	3/4	467	3/4	1,060	3/4	1,678	3/4	2,237	3/4		3/4		3/4		3/4		3/4	
1	21	1	479	1	1,073	1	1,691	1	2,247	1		1		1		1		1	
1/4	28	1/4	490	1/4	1,086	1/4	1,703	1/4	2,257	1/4		1/4		1/4		1/4		1/4	
1/2	35	1/2	502	1/2	1,099	1/2	1,716	1/2	2,267	1/2		1/2		1/2		1/2		1/2	
3/4	41	3/4	513	3/4	1,111	3/4	1,729	3/4	2,277	3/4		3/4		3/4		3/4		3/4	
2	48	2	525	2	1,124	2	1,741	2	2,287	2		2		2		2		2	
1/4	56	1/4	537	1/4	1,137	1/4	1,753	1/4	2,297	1/4		1/4		1/4		1/4		1/4	
1/2	63	1/2	549	1/2	1,150	1/2	1,766	1/2	2,306	1/2		1/2		1/2		1/2		1/2	
3/4	71	3/4	560	3/4	1,163	3/4	1,778	3/4	2,316	3/4		3/4		3/4		3/4		3/4	
3	78	3	572	3	1,176	3	1,791	3	2,326	3		3		3		3		3	
1/4	86	1/4	584	1/4	1,189	1/4	1,803	1/4	2,335	1/4		1/4		1/4		1/4		1/4	
1/2	95	1/2	596	1/2	1,202	1/2	1,815	1/2	2,344	1/2		1/2		1/2		1/2		1/2	
3/4	103	3/4	608	3/4	1,215	3/4	1,827	3/4	2,353	3/4		3/4		3/4		3/4		3/4	
4	111	4	620	4	1,228	4	1,840	4	2,362	4		4		4		4		4	
1/4	120	1/4	632	1/4	1,241	1/4	1,852	1/4	2,371	1/4		1/4		1/4		1/4		1/4	
1/2	128	1/2	644	1/2	1,254	1/2	1,864	1/2	2,380	1/2		1/2		1/2		1/2		1/2	
3/4	137	3/4	656	3/4	1,267	3/4	1,876	3/4	2,389	3/4		3/4		3/4		3/4		3/4	
5	146	5	669	5	1,280	5	1,888	5	2,397	5		5		5		5		5	
1/4	155	1/4	681	1/4	1,293	1/4	1,900	1/4	2,406	1/4		1/4		1/4		1/4		1/4	
1/2	164	1/2	693	1/2	1,306	1/2	1,912	1/2	2,414	1/2		1/2		1/2		1/2		1/2	
3/4	173	3/4	705	3/4	1,319	3/4	1,924	3/4	2,422	3/4		3/4		3/4		3/4		3/4	
6	183	6	718	6	1,332	6	1,936	6	2,430	6		6		6		6		6	
1/4	192	1/4	730	1/4	1,345	1/4	1,948	1/4	2,438	1/4		1/4		1/4		1/4		1/4	
1/2	202	1/2	742	1/2	1,358	1/2	1,960	1/2	2,445	1/2		1/2		1/2		1/2		1/2	
3/4	211	3/4	755	3/4	1,371	3/4	1,971	3/4	2,453	3/4		3/4		3/4		3/4		3/4	
7	221	7	767	7	1,384	7	1,983	7	2,460	7		7		7		7		7	
1/4	231	1/4	780	1/4	1,397	1/4	1,995	1/4	2,467	1/4		1/4		1/4		1/4		1/4	
1/2	241	1/2	792	1/2	1,410	1/2	2,006	1/2	2,473	1/2		1/2		1/2		1/2		1/2	
3/4	251	3/4	805	3/4	1,423	3/4	2,018	3/4	2,480	3/4		3/4		3/4		3/4		3/4	
8	261	8	817	8	1,436	8	2,030	8	2,487	8		8		8		8		8	
1/4	271	1/4	830	1/4	1,449	1/4	2,041	1/4	2,492	1/4		1/4		1/4		1/4		1/4	
1/2	282	1/2	843	1/2	1,461	1/2	2,052	1/2	2,498	1/2		1/2		1/2		1/2		1/2	
3/4	292	3/4	855	3/4	1,474	3/4	2,064	3/4	2,503	3/4		3/4		3/4		3/4		3/4	
9	302	9	868	9	1,487	9	2,075	9	2,508	9		9		9		9		9	
1/4	313	1/4	880	1/4	1,500	1/4	2,086	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	324	1/2	893	1/2	1,513	1/2	2,098	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	334	3/4	906	3/4	1,526	3/4	2,109	3/4		3/4		3/4		3/4		3/4		3/4	
10	345	10	919	10	1,539	10	2,120	10		10		10		10		10		10	
1/4	356	1/4	931	1/4	1,551	1/4	2,131	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	367	1/2	944	1/2	1,564	1/2	2,142	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	378	3/4	957	3/4	1,577	3/4	2,153	3/4		3/4		3/4		3/4		3/4		3/4	
11	388	11	970	11	1,590	11	2,163	11		11		11		11		11		11	
1/4	400	1/4	983	1/4	1,602	1/4	2,174	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	411	1/2	995	1/2	1,615	1/2	2,185	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	422	3/4	1,008	3/4	1,628	3/4	2,195	3/4		3/4		3/4		3/4		3/4		3/4	

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 AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE

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CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

BARGE "SMI 30063"

FUEL TANK
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 4'-05 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	100	0	257	0	413	0	513	0		0		0		0		0	
1/4	1	1/4	103	1/4	260	1/4	416	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1	1/2	106	1/2	263	1/2	419	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2	3/4	109	3/4	267	3/4	422	3/4		3/4		3/4		3/4		3/4		3/4	
1	3	1	112	1	270	1	424	1		1		1		1		1		1	
1/4	4	1/4	115	1/4	274	1/4	427	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5	1/2	118	1/2	277	1/2	430	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6	3/4	121	3/4	280	3/4	433	3/4		3/4		3/4		3/4		3/4		3/4	
2	7	2	124	2	284	2	436	2		2		2		2		2		2	
1/4	9	1/4	128	1/4	287	1/4	438	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	10	1/2	131	1/2	291	1/2	441	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	134	3/4	294	3/4	444	3/4		3/4		3/4		3/4		3/4		3/4	
3	13	3	137	3	297	3	446	3		3		3		3		3		3	
1/4	15	1/4	140	1/4	301	1/4	449	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	17	1/2	143	1/2	304	1/2	452	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	19	3/4	147	3/4	307	3/4	454	3/4		3/4		3/4		3/4		3/4		3/4	
4	20	4	150	4	311	4	457	4		4		4		4		4		4	
1/4	22	1/4	153	1/4	314	1/4	459	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	24	1/2	156	1/2	317	1/2	462	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	26	3/4	159	3/4	321	3/4	464	3/4		3/4		3/4		3/4		3/4		3/4	
5	28	5	163	5	324	5	467	5		5		5		5		5		5	
1/4	31	1/4	166	1/4	327	1/4	469	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	33	1/2	169	1/2	331	1/2	471	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	35	3/4	172	3/4	334	3/4	474	3/4		3/4		3/4		3/4		3/4		3/4	
6	37	6	176	6	337	6	476	6		6		6		6		6		6	
1/4	39	1/4	179	1/4	341	1/4	478	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	42	1/2	182	1/2	344	1/2	480	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	44	3/4	186	3/4	347	3/4	483	3/4		3/4		3/4		3/4		3/4		3/4	
7	46	7	189	7	350	7	485	7		7		7		7		7		7	
1/4	49	1/4	192	1/4	354	1/4	487	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	51	1/2	196	1/2	357	1/2	489	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	54	3/4	199	3/4	360	3/4	491	3/4		3/4		3/4		3/4		3/4		3/4	
8	56	8	202	8	363	8	493	8		8		8		8		8		8	
1/4	59	1/4	206	1/4	367	1/4	494	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	61	1/2	209	1/2	370	1/2	496	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	64	3/4	212	3/4	373	3/4	498	3/4		3/4		3/4		3/4		3/4		3/4	
9	67	9	216	9	376	9	500	9		9		9		9		9		9	
1/4	69	1/4	219	1/4	379	1/4	501	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	72	1/2	223	1/2	382	1/2	503	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	75	3/4	226	3/4	385	3/4	504	3/4		3/4		3/4		3/4		3/4		3/4	
10	77	10	229	10	389	10	506	10		10		10		10		10		10	
1/4	80	1/4	233	1/4	392	1/4	507	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	83	1/2	236	1/2	395	1/2	508	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	86	3/4	240	3/4	398	3/4	509	3/4		3/4		3/4		3/4		3/4		3/4	
11	89	11	243	11	401	11	510	11		11		11		11		11		11	
1/4	92	1/4	246	1/4	404	1/4	511	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	95	1/2	250	1/2	407	1/2	512	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	97	3/4	253	3/4	410	3/4	512	3/4		3/4		3/4		3/4		3/4		3/4	

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 AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "SMI 30063"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
1 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
1 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8
2 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8
3 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
3 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT	=	2'-00"	
AFT DRAFT	=	6'-00"	
DIFF.	=	4'-00"	(DOWN BY STERN)

THE CORRECTION FOR 4'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-1/8"
FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8'

LENGTH BETWEEN DRAFT MARKS: 235'-09"

May 14, 2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588

http://www.pmacorp.net

BARGE "SMI 30063"

1 PORT
ULLAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,875.38	0	4,519.87	0	4,162.69	0	3,804.93	0	3,447.18	0	3,089.42	0	2,731.55	0	2,373.60
1/4		1/4		1/4	4,867.99	1/4	4,512.44	1/4	4,155.24	1/4	3,797.48	1/4	3,439.72	1/4	3,081.96	1/4	2,724.10	1/4	2,366.15
1/2		1/2		1/2	4,860.59	1/2	4,505.01	1/2	4,147.79	1/2	3,790.03	1/2	3,432.27	1/2	3,074.51	1/2	2,716.64	1/2	2,358.69
3/4		3/4		3/4	4,853.20	3/4	4,497.57	3/4	4,140.33	3/4	3,782.57	3/4	3,424.82	3/4	3,067.06	3/4	2,709.18	3/4	2,351.23
1		1		1	4,845.80	1	4,490.14	1	4,132.88	1	3,775.12	1	3,417.36	1	3,059.60	1	2,701.72	1	2,343.77
1/4		1/4		1/4	4,838.40	1/4	4,482.71	1/4	4,125.43	1/4	3,767.67	1/4	3,409.91	1/4	3,052.15	1/4	2,694.27	1/4	2,336.32
1/2		1/2		1/2	4,831.01	1/2	4,475.28	1/2	4,117.97	1/2	3,760.21	1/2	3,402.46	1/2	3,044.70	1/2	2,686.81	1/2	2,328.86
3/4		3/4		3/4	4,823.62	3/4	4,467.85	3/4	4,110.52	3/4	3,752.76	3/4	3,395.00	3/4	3,037.24	3/4	2,679.35	3/4	2,321.40
2		2		2	4,816.22	2	4,460.42	2	4,103.07	2	3,745.31	2	3,387.55	2	3,029.79	2	2,671.89	2	2,313.94
1/4		1/4		1/4	4,808.83	1/4	4,452.98	1/4	4,095.61	1/4	3,737.85	1/4	3,380.10	1/4	3,022.34	1/4	2,664.44	1/4	2,306.49
1/2		1/2		1/2	4,801.44	1/2	4,445.55	1/2	4,088.16	1/2	3,730.40	1/2	3,372.64	1/2	3,014.88	1/2	2,656.98	1/2	2,299.03
3/4		3/4		3/4	4,794.04	3/4	4,438.12	3/4	4,080.71	3/4	3,722.95	3/4	3,365.19	3/4	3,007.43	3/4	2,649.52	3/4	2,291.57
3		3		3	4,786.65	3	4,430.69	3	4,073.25	3	3,715.49	3	3,357.74	3	2,999.98	3	2,642.07	3	2,284.11
1/4		1/4		1/4	4,779.26	1/4	4,423.26	1/4	4,065.80	1/4	3,708.04	1/4	3,350.28	1/4	2,992.52	1/4	2,634.61	1/4	2,276.66
1/2		1/2		1/2	4,771.87	1/2	4,415.83	1/2	4,058.35	1/2	3,700.59	1/2	3,342.83	1/2	2,985.07	1/2	2,627.15	1/2	2,269.20
3/4		3/4		3/4	4,764.48	3/4	4,408.39	3/4	4,050.89	3/4	3,693.14	3/4	3,335.38	3/4	2,977.62	3/4	2,619.69	3/4	2,261.74
4		4		4	4,757.08	4	4,400.96	4	4,043.44	4	3,685.68	4	3,327.92	4	2,970.16	4	2,612.24	4	2,254.29
1/4		1/4		1/4	4,749.69	1/4	4,393.53	1/4	4,035.99	1/4	3,678.23	1/4	3,320.47	1/4	2,962.71	1/4	2,604.78	1/4	2,246.83
1/2		1/2		1/2	4,742.30	1/2	4,386.10	1/2	4,028.53	1/2	3,670.78	1/2	3,313.02	1/2	2,955.26	1/2	2,597.32	1/2	2,239.37
3/4		3/4		3/4	4,734.91	3/4	4,378.67	3/4	4,021.08	3/4	3,663.32	3/4	3,305.56	3/4	2,947.80	3/4	2,589.86	3/4	2,231.91
5		5		5	4,727.52	5	4,371.24	5	4,013.63	5	3,655.87	5	3,298.11	5	2,940.35	5	2,582.41	5	2,224.46
1/4		1/4		1/4	4,720.12	1/4	4,363.80	1/4	4,006.17	1/4	3,648.42	1/4	3,290.66	1/4	2,932.90	1/4	2,574.95	1/4	2,217.00
1/2		1/2		1/2	4,712.73	1/2	4,356.37	1/2	3,998.72	1/2	3,640.96	1/2	3,283.20	1/2	2,925.45	1/2	2,567.49	1/2	2,209.54
3/4		3/4		3/4	4,705.34	3/4	4,348.94	3/4	3,991.27	3/4	3,633.51	3/4	3,275.75	3/4	2,917.99	3/4	2,560.03	3/4	2,202.08
6		6		6	4,697.95	6	4,341.51	6	3,983.81	6	3,626.06	6	3,268.30	6	2,910.53	6	2,552.58	6	2,194.63
1/4		1/4		1/4	4,690.56	1/4	4,334.08	1/4	3,976.36	1/4	3,618.60	1/4	3,260.84	1/4	2,903.07	1/4	2,545.12	1/4	2,187.17
1/2		1/2		1/2	4,683.17	1/2	4,326.65	1/2	3,968.91	1/2	3,611.15	1/2	3,253.39	1/2	2,895.61	1/2	2,537.66	1/2	2,179.71
3/4		3/4	5,010.72	3/4	4,675.77	3/4	4,319.20	3/4	3,961.45	3/4	3,603.70	3/4	3,245.94	3/4	2,888.16	3/4	2,530.21	3/4	2,172.26
7		7	5,006.25	7	4,668.38	7	4,311.75	7	3,954.00	7	3,596.24	7	3,238.48	7	2,880.70	7	2,522.75	7	2,164.80
1/4		1/4	5,001.79	1/4	4,660.99	1/4	4,304.30	1/4	3,946.55	1/4	3,588.79	1/4	3,231.03	1/4	2,873.24	1/4	2,515.29	1/4	2,157.34
1/2		1/2	4,997.32	1/2	4,653.60	1/2	4,296.85	1/2	3,939.09	1/2	3,581.34	1/2	3,223.58	1/2	2,865.78	1/2	2,507.83	1/2	2,149.88
3/4		3/4	4,991.79	3/4	4,646.18	3/4	4,289.40	3/4	3,931.64	3/4	3,573.88	3/4	3,216.12	3/4	2,858.33	3/4	2,500.38	3/4	2,142.43
8		8	4,986.26	8	4,638.76	8	4,281.95	8	3,924.19	8	3,566.43	8	3,208.67	8	2,850.87	8	2,492.92	8	2,134.97
1/4		1/4	4,980.73	1/4	4,631.33	1/4	4,274.49	1/4	3,916.73	1/4	3,558.98	1/4	3,201.22	1/4	2,843.41	1/4	2,485.46	1/4	2,127.51
1/2		1/2	4,975.19	1/2	4,623.91	1/2	4,267.04	1/2	3,909.28	1/2	3,551.52	1/2	3,193.76	1/2	2,835.96	1/2	2,478.00	1/2	2,120.05
3/4		3/4	4,968.60	3/4	4,616.48	3/4	4,259.59	3/4	3,901.83	3/4	3,544.07	3/4	3,186.31	3/4	2,828.50	3/4	2,470.55	3/4	2,112.60
9		9	4,962.00	9	4,609.05	9	4,252.13	9	3,894.37	9	3,536.62	9	3,178.86	9	2,821.04	9	2,463.09	9	2,105.14
1/4		1/4	4,955.41	1/4	4,601.62	1/4	4,244.68	1/4	3,886.92	1/4	3,529.16	1/4	3,171.40	1/4	2,813.58	1/4	2,455.63	1/4	2,097.68
1/2		1/2	4,948.81	1/2	4,594.19	1/2	4,237.23	1/2	3,879.47	1/2	3,521.71	1/2	3,163.95	1/2	2,806.13	1/2	2,448.18	1/2	2,090.23
3/4		3/4	4,941.55	3/4	4,586.76	3/4	4,229.77	3/4	3,872.01	3/4	3,514.26	3/4	3,156.50	3/4	2,798.67	3/4	2,440.72	3/4	2,082.77
10		10	4,934.29	10	4,579.32	10	4,222.32	10	3,864.56	10	3,506.80	10	3,149.04	10	2,791.21	10	2,433.26	10	2,075.31
1/4		1/4	4,927.02	1/4	4,571.89	1/4	4,214.87	1/4	3,857.11	1/4	3,499.35	1/4	3,141.59	1/4	2,783.75	1/4	2,425.80	1/4	2,067.85
1/2		1/2	4,919.76	1/2	4,564.46	1/2	4,207.41	1/2	3,849.65	1/2	3,491.90	1/2	3,134.14	1/2	2,776.30	1/2	2,418.35	1/2	2,060.40
3/4		3/4	4,912.36	3/4	4,557.03	3/4	4,199.96	3/4	3,842.20	3/4	3,484.44	3/4	3,126.68	3/4	2,768.84	3/4	2,410.89	3/4	2,052.94
11		11	4,904.97	11	4,549.60	11	4,192.51	11	3,834.75	11	3,476.99	11	3,119.23	11	2,761.38	11	2,403.43	11	2,045.48
1/4		1/4	4,897.57	1/4	4,542.16	1/4	4,185.05	1/4	3,827.29	1/4	3,469.54	1/4	3,111.78	1/4	2,753.92	1/4	2,395.97	1/4	2,038.02
1/2		1/2	4,890.18	1/2	4,534.73	1/2	4,177.60	1/2	3,819.84	1/2	3,462.08	1/2	3,104.32	1/2	2,746.47	1/2	2,388.52	1/2	2,030.57
3/4		3/4	4,882.78	3/4	4,527.30	3/4	4,170.15	3/4	3,812.39	3/4	3,454.63	3/4	3,096.87	3/4	2,739.01	3/4	2,381.06	3/4	2,023.11

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 TO TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

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

BARGE "SMI 30063"

1 PORT
ULLAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09 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	2,015.65	0	1,657.70	0	1,299.75	0	942.84	0	586.06	0	243.25	0		0		0		0	
1/4	2,008.19	1/4	1,650.24	1/4	1,292.29	1/4	935.44	1/4	578.61	1/4	236.60	1/4		1/4		1/4		1/4	
1/2	2,000.74	1/2	1,642.79	1/2	1,284.84	1/2	928.03	1/2	571.15	1/2	229.96	1/2		1/2		1/2		1/2	
3/4	1,993.28	3/4	1,635.33	3/4	1,277.38	3/4	920.62	3/4	563.69	3/4	223.40	3/4		3/4		3/4		3/4	
1	1,985.82	1	1,627.87	1	1,269.92	1	913.22	1	556.24	1	216.85	1		1		1		1	
1/4	1,978.37	1/4	1,620.42	1/4	1,262.46	1/4	905.81	1/4	548.78	1/4	210.29	1/4		1/4		1/4		1/4	
1/2	1,970.91	1/2	1,612.96	1/2	1,255.01	1/2	898.40	1/2	541.32	1/2	203.74	1/2		1/2		1/2		1/2	
3/4	1,963.45	3/4	1,605.50	3/4	1,247.55	3/4	891.00	3/4	533.87	3/4	197.27	3/4		3/4		3/4		3/4	
2	1,955.99	2	1,598.04	2	1,240.09	2	883.59	2	526.41	2	190.80	2		2		2		2	
1/4	1,948.54	1/4	1,590.59	1/4	1,232.64	1/4	876.18	1/4	518.95	1/4	184.33	1/4		1/4		1/4		1/4	
1/2	1,941.08	1/2	1,583.13	1/2	1,225.18	1/2	868.78	1/2	511.49	1/2	177.86	1/2		1/2		1/2		1/2	
3/4	1,933.62	3/4	1,575.67	3/4	1,217.72	3/4	861.37	3/4	504.07	3/4	171.48	3/4		3/4		3/4		3/4	
3	1,926.16	3	1,568.21	3	1,210.26	3	853.96	3	496.65	3	165.10	3		3		3		3	
1/4	1,918.71	1/4	1,560.76	1/4	1,202.81	1/4	846.56	1/4	489.22	1/4	158.72	1/4		1/4		1/4		1/4	
1/2	1,911.25	1/2	1,553.30	1/2	1,195.35	1/2	839.15	1/2	481.80	1/2	152.34	1/2		1/2		1/2		1/2	
3/4	1,903.79	3/4	1,545.84	3/4	1,187.89	3/4	831.74	3/4	474.45	3/4	146.05	3/4		3/4		3/4		3/4	
4	1,896.34	4	1,538.38	4	1,180.43	4	824.34	4	467.10	4	139.76	4		4		4		4	
1/4	1,888.88	1/4	1,530.93	1/4	1,172.98	1/4	816.93	1/4	459.76	1/4	133.47	1/4		1/4		1/4		1/4	
1/2	1,881.42	1/2	1,523.47	1/2	1,165.52	1/2	809.53	1/2	452.41	1/2	127.17	1/2		1/2		1/2		1/2	
3/4	1,873.96	3/4	1,516.01	3/4	1,158.06	3/4	802.12	3/4	445.15	3/4	120.97	3/4		3/4		3/4		3/4	
5	1,866.51	5	1,508.56	5	1,150.61	5	794.71	5	437.89	5	114.77	5		5		5		5	
1/4	1,859.05	1/4	1,501.10	1/4	1,143.15	1/4	787.31	1/4	430.63	1/4	108.56	1/4		1/4		1/4		1/4	
1/2	1,851.59	1/2	1,493.64	1/2	1,135.69	1/2	779.90	1/2	423.37	1/2	102.36	1/2		1/2		1/2		1/2	
3/4	1,844.13	3/4	1,486.18	3/4	1,128.26	3/4	772.45	3/4	416.20	3/4	96.24	3/4		3/4		3/4		3/4	
6	1,836.68	6	1,478.73	6	1,120.82	6	765.01	6	409.03	6	90.12	6		6		6		6	
1/4	1,829.22	1/4	1,471.27	1/4	1,113.39	1/4	757.56	1/4	401.86	1/4	84.01	1/4		1/4		1/4		1/4	
1/2	1,821.76	1/2	1,463.81	1/2	1,105.95	1/2	750.12	1/2	394.69	1/2	77.89	1/2		1/2		1/2		1/2	
3/4	1,814.30	3/4	1,456.35	3/4	1,098.52	3/4	742.66	3/4	387.60	3/4	71.86	3/4		3/4		3/4		3/4	
7	1,806.85	7	1,448.90	7	1,091.09	7	735.20	7	380.52	7	65.83	7		7		7		7	
1/4	1,799.39	1/4	1,441.44	1/4	1,083.67	1/4	727.75	1/4	373.44	1/4	59.81	1/4		1/4		1/4		1/4	
1/2	1,791.93	1/2	1,433.98	1/2	1,076.24	1/2	720.29	1/2	366.35	1/2	53.78	1/2		1/2		1/2		1/2	
3/4	1,784.48	3/4	1,426.53	3/4	1,068.82	3/4	712.83	3/4	359.36	3/4	48.54	3/4		3/4		3/4		3/4	
8	1,777.02	8	1,419.07	8	1,061.40	8	705.38	8	352.36	8	43.30	8		8		8		8	
1/4	1,769.56	1/4	1,411.61	1/4	1,053.99	1/4	697.92	1/4	345.37	1/4	38.05	1/4		1/4		1/4		1/4	
1/2	1,762.10	1/2	1,404.15	1/2	1,046.57	1/2	690.46	1/2	338.37	1/2	32.81	1/2		1/2		1/2		1/2	
3/4	1,754.65	3/4	1,396.70	3/4	1,039.16	3/4	683.01	3/4	331.46	3/4	29.29	3/4		3/4		3/4		3/4	
9	1,747.19	9	1,389.24	9	1,031.74	9	675.55	9	324.56	9	25.77	9		9		9		9	
1/4	1,739.73	1/4	1,381.78	1/4	1,024.33	1/4	668.09	1/4	317.65	1/4	22.25	1/4		1/4		1/4		1/4	
1/2	1,732.27	1/2	1,374.32	1/2	1,016.91	1/2	660.63	1/2	310.74	1/2	18.72	1/2		1/2		1/2		1/2	
3/4	1,724.82	3/4	1,366.87	3/4	1,009.51	3/4	653.18	3/4	303.92	3/4		3/4		3/4		3/4		3/4	
10	1,717.36	10	1,359.41	10	1,002.10	10	645.72	10	297.10	10		10		10		10		10	
1/4	1,709.90	1/4	1,351.95	1/4	994.69	1/4	638.26	1/4	290.28	1/4		1/4		1/4		1/4		1/4	
1/2	1,702.45	1/2	1,344.50	1/2	987.28	1/2	630.81	1/2	283.46	1/2		1/2		1/2		1/2		1/2	
3/4	1,694.99	3/4	1,337.04	3/4	979.87	3/4	623.35	3/4	276.73	3/4		3/4		3/4		3/4		3/4	
11	1,687.53	11	1,329.58	11	972.47	11	615.89	11	270.00	11		11		11		11		11	
1/4	1,680.07	1/4	1,322.12	1/4	965.06	1/4	608.44	1/4	263.27	1/4		1/4		1/4		1/4		1/4	
1/2	1,672.62	1/2	1,314.67	1/2	957.66	1/2	600.98	1/2	256.53	1/2		1/2		1/2		1/2		1/2	
3/4	1,665.16	3/4	1,307.21	3/4	950.25	3/4	593.52	3/4	249.89	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/14/2014 SW
CALCULATED: 05/14/2014 CL
PRINTED: 05/15/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

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

BARGE "SMI 30063"

1 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09 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	4,869.57	0	4,514.03	0	4,156.84	0	3,799.08	0	3,441.33	0	3,083.58	0	2,725.72	0	2,367.77
1/4		1/4		1/4	4,862.18	1/4	4,506.60	1/4	4,149.38	1/4	3,791.63	1/4	3,433.88	1/4	3,076.12	1/4	2,718.26	1/4	2,360.32
1/2		1/2		1/2	4,854.78	1/2	4,499.16	1/2	4,141.93	1/2	3,784.18	1/2	3,426.42	1/2	3,068.67	1/2	2,710.80	1/2	2,352.86
3/4		3/4		3/4	4,847.38	3/4	4,491.73	3/4	4,134.48	3/4	3,776.72	3/4	3,418.97	3/4	3,061.22	3/4	2,703.35	3/4	2,345.40
1		1		1	4,839.99	1	4,484.30	1	4,127.03	1	3,769.27	1	3,411.52	1	3,053.76	1	2,695.89	1	2,337.94
1/4		1/4		1/4	4,832.59	1/4	4,476.87	1/4	4,119.57	1/4	3,761.82	1/4	3,404.06	1/4	3,046.31	1/4	2,688.43	1/4	2,330.49
1/2		1/2		1/2	4,825.20	1/2	4,469.44	1/2	4,112.12	1/2	3,754.37	1/2	3,396.61	1/2	3,038.86	1/2	2,680.98	1/2	2,323.03
3/4		3/4		3/4	4,817.81	3/4	4,462.01	3/4	4,104.67	3/4	3,746.91	3/4	3,389.16	3/4	3,031.40	3/4	2,673.52	3/4	2,315.57
2		2		2	4,810.41	2	4,454.57	2	4,097.21	2	3,739.46	2	3,381.71	2	3,023.95	2	2,666.06	2	2,308.12
1/4		1/4		1/4	4,803.02	1/4	4,447.14	1/4	4,089.76	1/4	3,732.01	1/4	3,374.25	1/4	3,016.50	1/4	2,658.60	1/4	2,300.66
1/2		1/2		1/2	4,795.63	1/2	4,439.71	1/2	4,082.31	1/2	3,724.55	1/2	3,366.80	1/2	3,009.05	1/2	2,651.15	1/2	2,293.20
3/4		3/4		3/4	4,788.24	3/4	4,432.28	3/4	4,074.85	3/4	3,717.10	3/4	3,359.35	3/4	3,001.59	3/4	2,643.69	3/4	2,285.74
3		3		3	4,780.84	3	4,424.85	3	4,067.40	3	3,709.65	3	3,351.89	3	2,994.14	3	2,636.23	3	2,278.29
1/4		1/4		1/4	4,773.45	1/4	4,417.42	1/4	4,059.95	1/4	3,702.19	1/4	3,344.44	1/4	2,986.69	1/4	2,628.78	1/4	2,270.83
1/2		1/2		1/2	4,766.06	1/2	4,409.98	1/2	4,052.49	1/2	3,694.74	1/2	3,336.99	1/2	2,979.23	1/2	2,621.32	1/2	2,263.37
3/4		3/4		3/4	4,758.67	3/4	4,402.55	3/4	4,045.04	3/4	3,687.29	3/4	3,329.53	3/4	2,971.78	3/4	2,613.86	3/4	2,255.92
4		4		4	4,751.28	4	4,395.12	4	4,037.59	4	3,679.83	4	3,322.08	4	2,964.33	4	2,606.40	4	2,248.46
1/4		1/4		1/4	4,743.89	1/4	4,387.69	1/4	4,030.13	1/4	3,672.38	1/4	3,314.63	1/4	2,956.87	1/4	2,598.95	1/4	2,241.00
1/2		1/2		1/2	4,736.49	1/2	4,380.26	1/2	4,022.68	1/2	3,664.93	1/2	3,307.17	1/2	2,949.42	1/2	2,591.49	1/2	2,233.54
3/4		3/4		3/4	4,729.10	3/4	4,372.83	3/4	4,015.23	3/4	3,657.47	3/4	3,299.72	3/4	2,941.97	3/4	2,584.03	3/4	2,226.09
5		5		5	4,721.71	5	4,365.40	5	4,007.77	5	3,650.02	5	3,292.27	5	2,934.51	5	2,576.58	5	2,218.63
1/4		1/4		1/4	4,714.32	1/4	4,357.96	1/4	4,000.32	1/4	3,642.57	1/4	3,284.81	1/4	2,927.06	1/4	2,569.12	1/4	2,211.17
1/2		1/2		1/2	4,706.93	1/2	4,350.53	1/2	3,992.87	1/2	3,635.11	1/2	3,277.36	1/2	2,919.60	1/2	2,561.66	1/2	2,203.72
3/4		3/4		3/4	4,699.53	3/4	4,343.10	3/4	3,985.41	3/4	3,627.66	3/4	3,269.91	3/4	2,912.15	3/4	2,554.20	3/4	2,196.26
6		6		6	4,692.14	6	4,335.67	6	3,977.96	6	3,620.21	6	3,262.45	6	2,904.69	6	2,546.75	6	2,188.80
1/4		1/4		1/4	4,684.75	1/4	4,328.24	1/4	3,970.51	1/4	3,612.75	1/4	3,255.00	1/4	2,897.23	1/4	2,539.29	1/4	2,181.34
1/2		1/2	5,012.30	1/2	4,677.36	1/2	4,320.79	1/2	3,963.05	1/2	3,605.30	1/2	3,247.55	1/2	2,889.78	1/2	2,531.83	1/2	2,173.89
3/4		3/4	5,007.83	3/4	4,669.97	3/4	4,313.34	3/4	3,955.60	3/4	3,597.85	3/4	3,240.09	3/4	2,882.32	3/4	2,524.37	3/4	2,166.43
7		7	5,003.37	7	4,662.58	7	4,305.90	7	3,948.15	7	3,590.39	7	3,232.64	7	2,874.86	7	2,516.92	7	2,158.97
1/4		1/4	4,998.90	1/4	4,655.18	1/4	4,298.45	1/4	3,940.70	1/4	3,582.94	1/4	3,225.19	1/4	2,867.41	1/4	2,509.46	1/4	2,151.51
1/2		1/2	4,993.37	1/2	4,647.76	1/2	4,291.00	1/2	3,933.24	1/2	3,575.49	1/2	3,217.73	1/2	2,859.95	1/2	2,502.00	1/2	2,144.06
3/4		3/4	4,987.84	3/4	4,640.34	3/4	4,283.54	3/4	3,926.79	3/4	3,568.04	3/4	3,210.28	3/4	2,852.49	3/4	2,494.55	3/4	2,136.60
8		8	4,982.31	8	4,632.92	8	4,276.09	8	3,918.34	8	3,560.58	8	3,202.83	8	2,845.03	8	2,487.09	8	2,129.14
1/4		1/4	4,976.78	1/4	4,625.50	1/4	4,268.64	1/4	3,910.88	1/4	3,553.13	1/4	3,195.38	1/4	2,837.58	1/4	2,479.63	1/4	2,121.69
1/2		1/2	4,970.18	1/2	4,618.07	1/2	4,261.18	1/2	3,903.43	1/2	3,545.68	1/2	3,187.92	1/2	2,830.12	1/2	2,472.17	1/2	2,114.23
3/4		3/4	4,963.58	3/4	4,610.64	3/4	4,253.73	3/4	3,895.98	3/4	3,538.22	3/4	3,180.47	3/4	2,822.66	3/4	2,464.72	3/4	2,106.77
9		9	4,956.99	9	4,603.21	9	4,246.28	9	3,888.52	9	3,530.77	9	3,173.02	9	2,815.21	9	2,457.26	9	2,099.31
1/4		1/4	4,950.39	1/4	4,595.77	1/4	4,238.82	1/4	3,881.07	1/4	3,523.32	1/4	3,165.56	1/4	2,807.75	1/4	2,449.80	1/4	2,091.86
1/2		1/2	4,943.13	1/2	4,588.34	1/2	4,231.37	1/2	3,873.62	1/2	3,515.86	1/2	3,158.11	1/2	2,800.29	1/2	2,442.35	1/2	2,084.40
3/4		3/4	4,935.87	3/4	4,580.91	3/4	4,223.92	3/4	3,866.16	3/4	3,508.41	3/4	3,150.66	3/4	2,792.83	3/4	2,434.89	3/4	2,076.94
10		10	4,928.60	10	4,573.48	10	4,216.46	10	3,858.71	10	3,500.96	10	3,143.20	10	2,785.38	10	2,427.43	10	2,069.49
1/4		1/4	4,921.34	1/4	4,566.05	1/4	4,209.01	1/4	3,851.26	1/4	3,493.50	1/4	3,135.75	1/4	2,777.92	1/4	2,419.97	1/4	2,062.03
1/2		1/2	4,913.95	1/2	4,558.62	1/2	4,201.56	1/2	3,843.80	1/2	3,486.05	1/2	3,128.30	1/2	2,770.46	1/2	2,412.52	1/2	2,054.57
3/4		3/4	4,906.55	3/4	4,551.19	3/4	4,194.10	3/4	3,836.35	3/4	3,478.60	3/4	3,120.84	3/4	2,763.01	3/4	2,405.06	3/4	2,047.11
11		11	4,899.15	11	4,543.75	11	4,186.65	11	3,828.90	11	3,471.14	11	3,113.39	11	2,755.55	11	2,397.60	11	2,039.66
1/4		1/4	4,891.76	1/4	4,536.32	1/4	4,179.20	1/4	3,821.44	1/4	3,463.69	1/4	3,105.94	1/4	2,748.09	1/4	2,390.15	1/4	2,032.20
1/2		1/2	4,884.36	1/2	4,528.89	1/2	4,171.74	1/2	3,813.99	1/2	3,456.24	1/2	3,098.48	1/2	2,740.63	1/2	2,382.69	1/2	2,024.74
3/4		3/4	4,876.97	3/4	4,521.46	3/4	4,164.29	3/4	3,806.54	3/4	3,448.78	3/4	3,091.03	3/4	2,733.18	3/4	2,375.23	3/4	2,017.29

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

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

BARGE "SMI 30063"

1 STBD
ULLAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09 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	2,009.83	0	1,651.88	0	1,293.94	0	936.18	0	578.55	0	236.60	0		0		0		0	
1/4	2,002.37	1/4	1,644.43	1/4	1,286.48	1/4	928.74	1/4	571.09	1/4	229.96	1/4		1/4		1/4		1/4	
1/2	1,994.91	1/2	1,636.97	1/2	1,279.02	1/2	921.29	1/2	563.64	1/2	223.40	1/2		1/2		1/2		1/2	
3/4	1,987.46	3/4	1,629.51	3/4	1,271.57	3/4	913.85	3/4	556.19	3/4	216.85	3/4		3/4		3/4		3/4	
1	1,980.00	1	1,622.05	1	1,264.11	1	906.41	1	548.74	1	210.29	1		1		1		1	
1/4	1,972.54	1/4	1,614.60	1/4	1,256.65	1/4	898.96	1/4	541.28	1/4	203.73	1/4		1/4		1/4		1/4	
1/2	1,965.08	1/2	1,607.14	1/2	1,249.19	1/2	891.52	1/2	533.84	1/2	197.27	1/2		1/2		1/2		1/2	
3/4	1,957.63	3/4	1,599.68	3/4	1,241.74	3/4	884.08	3/4	526.39	3/4	190.80	3/4		3/4		3/4		3/4	
2	1,950.17	2	1,592.22	2	1,234.28	2	876.63	2	518.94	2	184.33	2		2		2		2	
1/4	1,942.71	1/4	1,584.77	1/4	1,226.82	1/4	869.19	1/4	511.49	1/4	177.86	1/4		1/4		1/4		1/4	
1/2	1,935.26	1/2	1,577.31	1/2	1,219.36	1/2	861.75	1/2	504.06	1/2	171.48	1/2		1/2		1/2		1/2	
3/4	1,927.80	3/4	1,569.85	3/4	1,211.91	3/4	854.30	3/4	496.64	3/4	165.10	3/4		3/4		3/4		3/4	
3	1,920.34	3	1,562.40	3	1,204.45	3	846.86	3	489.22	3	158.72	3		3		3		3	
1/4	1,912.88	1/4	1,554.94	1/4	1,196.99	1/4	839.42	1/4	481.80	1/4	152.34	1/4		1/4		1/4		1/4	
1/2	1,905.43	1/2	1,547.48	1/2	1,189.54	1/2	831.97	1/2	474.45	1/2	146.05	1/2		1/2		1/2		1/2	
3/4	1,897.97	3/4	1,540.02	3/4	1,182.08	3/4	824.53	3/4	467.10	3/4	139.76	3/4		3/4		3/4		3/4	
4	1,890.51	4	1,532.57	4	1,174.62	4	817.09	4	459.76	4	133.47	4		4		4		4	
1/4	1,883.06	1/4	1,525.11	1/4	1,167.16	1/4	809.64	1/4	452.41	1/4	127.17	1/4		1/4		1/4		1/4	
1/2	1,875.60	1/2	1,517.65	1/2	1,159.71	1/2	802.20	1/2	445.15	1/2	120.97	1/2		1/2		1/2		1/2	
3/4	1,868.14	3/4	1,510.20	3/4	1,152.25	3/4	794.76	3/4	437.89	3/4	114.77	3/4		3/4		3/4		3/4	
5	1,860.68	5	1,502.74	5	1,144.79	5	787.32	5	430.63	5	108.56	5		5		5		5	
1/4	1,853.23	1/4	1,495.28	1/4	1,137.34	1/4	779.87	1/4	423.37	1/4	102.36	1/4		1/4		1/4		1/4	
1/2	1,845.77	1/2	1,487.82	1/2	1,129.88	1/2	772.42	1/2	416.20	1/2	96.24	1/2		1/2		1/2		1/2	
3/4	1,838.31	3/4	1,480.37	3/4	1,122.42	3/4	764.96	3/4	409.03	3/4	90.12	3/4		3/4		3/4		3/4	
6	1,830.86	6	1,472.91	6	1,114.96	6	757.51	6	401.86	6	84.01	6		6		6		6	
1/4	1,823.40	1/4	1,465.45	1/4	1,107.51	1/4	750.06	1/4	394.69	1/4	77.89	1/4		1/4		1/4		1/4	
1/2	1,815.94	1/2	1,458.00	1/2	1,100.05	1/2	742.60	1/2	387.60	1/2	71.86	1/2		1/2		1/2		1/2	
3/4	1,808.48	3/4	1,450.54	3/4	1,092.59	3/4	735.14	3/4	380.52	3/4	65.83	3/4		3/4		3/4		3/4	
7	1,801.03	7	1,443.08	7	1,085.14	7	727.69	7	373.44	7	59.81	7		7		7		7	
1/4	1,793.57	1/4	1,435.62	1/4	1,077.68	1/4	720.23	1/4	366.35	1/4	53.78	1/4		1/4		1/4		1/4	
1/2	1,786.11	1/2	1,428.17	1/2	1,070.23	1/2	712.77	1/2	359.36	1/2	48.54	1/2		1/2		1/2		1/2	
3/4	1,778.65	3/4	1,420.71	3/4	1,062.77	3/4	705.31	3/4	352.36	3/4	43.30	3/4		3/4		3/4		3/4	
8	1,771.20	8	1,413.25	8	1,055.32	8	697.86	8	345.37	8	38.05	8		8		8		8	
1/4	1,763.74	1/4	1,405.79	1/4	1,047.87	1/4	690.40	1/4	338.37	1/4	32.81	1/4		1/4		1/4		1/4	
1/2	1,756.28	1/2	1,398.34	1/2	1,040.42	1/2	682.94	1/2	331.46	1/2	29.29	1/2		1/2		1/2		1/2	
3/4	1,748.83	3/4	1,390.88	3/4	1,032.97	3/4	675.49	3/4	324.56	3/4	25.77	3/4		3/4		3/4		3/4	
9	1,741.37	9	1,383.42	9	1,025.52	9	668.03	9	317.65	9	22.25	9		9		9		9	
1/4	1,733.91	1/4	1,375.97	1/4	1,018.07	1/4	660.57	1/4	310.74	1/4	18.72	1/4		1/4		1/4		1/4	
1/2	1,726.45	1/2	1,368.51	1/2	1,010.62	1/2	653.12	1/2	303.92	1/2		1/2		1/2		1/2		1/2	
3/4	1,719.00	3/4	1,361.05	3/4	1,003.18	3/4	645.66	3/4	297.10	3/4		3/4		3/4		3/4		3/4	
10	1,711.54	10	1,353.59	10	995.73	10	638.20	10	290.28	10		10		10		10		10	
1/4	1,704.08	1/4	1,346.14	1/4	988.28	1/4	630.75	1/4	283.46	1/4		1/4		1/4		1/4		1/4	
1/2	1,696.63	1/2	1,338.68	1/2	980.84	1/2	623.29	1/2	276.73	1/2		1/2		1/2		1/2		1/2	
3/4	1,689.17	3/4	1,331.22	3/4	973.40	3/4	615.83	3/4	270.00	3/4		3/4		3/4		3/4		3/4	
11	1,681.71	11	1,323.77	11	965.95	11	608.37	11	263.27	11		11		11		11		11	
1/4	1,674.25	1/4	1,316.31	1/4	958.51	1/4	600.92	1/4	256.53	1/4		1/4		1/4		1/4		1/4	
1/2	1,666.80	1/2	1,308.85	1/2	951.07	1/2	593.46	1/2	249.89	1/2		1/2		1/2		1/2		1/2	
3/4	1,659.34	3/4	1,301.39	3/4	943.62	3/4	586.00	3/4	243.25	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/14/2014 SW
CALCULATED: 05/14/2014 CL
PRINTED: 05/15/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

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

BARGE "SMI 30063"

2 PORT
ULLAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09"

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	4,929.88	0	4,572.99	0	4,214.47	0	3,855.40	0	3,496.34	0	3,137.27	0	2,778.12	0	2,418.86
1/4		1/4		1/4	4,922.45	1/4	4,565.53	1/4	4,206.99	1/4	3,847.92	1/4	3,488.86	1/4	3,129.79	1/4	2,770.63	1/4	2,411.37
1/2		1/2		1/2	4,915.03	1/2	4,558.07	1/2	4,199.51	1/2	3,840.44	1/2	3,481.38	1/2	3,122.31	1/2	2,763.15	1/2	2,403.89
3/4		3/4		3/4	4,907.61	3/4	4,550.61	3/4	4,192.02	3/4	3,832.96	3/4	3,473.90	3/4	3,114.83	3/4	2,755.66	3/4	2,395.40
1		1		1	4,900.18	1	4,543.15	1	4,184.54	1	3,825.48	1	3,466.42	1	3,107.35	1	2,748.18	1	2,388.92
1/4		1/4		1/4	4,892.76	1/4	4,535.69	1/4	4,177.06	1/4	3,818.00	1/4	3,458.94	1/4	3,099.87	1/4	2,740.69	1/4	2,381.43
1/2		1/2		1/2	4,885.34	1/2	4,528.23	1/2	4,169.58	1/2	3,810.52	1/2	3,451.46	1/2	3,092.39	1/2	2,733.21	1/2	2,373.95
3/4		3/4		3/4	4,877.92	3/4	4,520.78	3/4	4,162.10	3/4	3,803.04	3/4	3,443.97	3/4	3,084.91	3/4	2,725.72	3/4	2,366.46
2		2		2	4,870.50	2	4,513.32	2	4,154.62	2	3,795.56	2	3,436.49	2	3,077.43	2	2,718.24	2	2,358.98
1/4		1/4		1/4	4,863.08	1/4	4,505.86	1/4	4,147.14	1/4	3,788.08	1/4	3,429.01	1/4	3,069.95	1/4	2,710.76	1/4	2,351.49
1/2		1/2		1/2	4,855.66	1/2	4,498.40	1/2	4,139.66	1/2	3,780.60	1/2	3,421.53	1/2	3,062.47	1/2	2,703.27	1/2	2,344.01
3/4		3/4		3/4	4,848.25	3/4	4,490.94	3/4	4,132.18	3/4	3,773.12	3/4	3,414.05	3/4	3,054.99	3/4	2,695.79	3/4	2,336.53
3		3		3	4,840.83	3	4,483.48	3	4,124.70	3	3,765.64	3	3,406.57	3	3,047.51	3	2,688.30	3	2,329.04
1/4		1/4		1/4	4,833.41	1/4	4,476.02	1/4	4,117.22	1/4	3,758.16	1/4	3,399.09	1/4	3,040.03	1/4	2,680.82	1/4	2,321.56
1/2		1/2		1/2	4,825.99	1/2	4,468.56	1/2	4,109.74	1/2	3,750.68	1/2	3,391.61	1/2	3,032.55	1/2	2,673.33	1/2	2,314.07
3/4		3/4		3/4	4,818.57	3/4	4,461.11	3/4	4,102.26	3/4	3,743.19	3/4	3,384.13	3/4	3,025.07	3/4	2,665.85	3/4	2,306.59
4		4		4	4,811.15	4	4,453.65	4	4,094.78	4	3,735.71	4	3,376.65	4	3,017.59	4	2,658.36	4	2,299.10
1/4		1/4		1/4	4,803.73	1/4	4,446.19	1/4	4,087.30	1/4	3,728.23	1/4	3,369.17	1/4	3,010.11	1/4	2,650.88	1/4	2,291.62
1/2		1/2		1/2	4,796.31	1/2	4,438.73	1/2	4,079.82	1/2	3,720.75	1/2	3,361.69	1/2	3,002.63	1/2	2,643.39	1/2	2,284.13
3/4		3/4		3/4	4,788.89	3/4	4,431.27	3/4	4,072.34	3/4	3,713.27	3/4	3,354.21	3/4	2,995.14	3/4	2,635.91	3/4	2,275.65
5		5		5	4,781.47	5	4,423.81	5	4,064.86	5	3,705.79	5	3,346.73	5	2,987.66	5	2,628.43	5	2,269.16
1/4		1/4		1/4	4,774.06	1/4	4,416.35	1/4	4,057.38	1/4	3,698.31	1/4	3,339.25	1/4	2,980.19	1/4	2,620.94	1/4	2,261.68
1/2		1/2		1/2	4,766.64	1/2	4,408.89	1/2	4,049.90	1/2	3,690.83	1/2	3,331.77	1/2	2,972.71	1/2	2,613.46	1/2	2,254.20
3/4		3/4		3/4	4,759.22	3/4	4,401.44	3/4	4,042.41	3/4	3,683.35	3/4	3,324.29	3/4	2,965.23	3/4	2,605.97	3/4	2,246.71
6		6		6	4,751.80	6	4,393.98	6	4,034.93	6	3,675.87	6	3,316.81	6	2,957.75	6	2,598.49	6	2,239.23
1/4		1/4	5,080.55	1/4	4,744.38	1/4	4,386.50	1/4	4,027.45	1/4	3,668.39	1/4	3,309.33	1/4	2,950.26	1/4	2,591.00	1/4	2,231.74
1/2		1/2	5,076.07	1/2	4,736.96	1/2	4,379.03	1/2	4,019.97	1/2	3,660.91	1/2	3,301.85	1/2	2,942.78	1/2	2,583.52	1/2	2,224.26
3/4		3/4	5,071.58	3/4	4,729.54	3/4	4,371.55	3/4	4,012.49	3/4	3,653.43	3/4	3,294.36	3/4	2,935.29	3/4	2,576.03	3/4	2,216.77
7		7	5,067.10	7	4,722.12	7	4,364.08	7	4,005.01	7	3,645.95	7	3,286.88	7	2,927.81	7	2,568.55	7	2,209.29
1/4		1/4	5,061.55	1/4	4,714.67	1/4	4,356.60	1/4	3,997.53	1/4	3,638.47	1/4	3,279.40	1/4	2,920.32	1/4	2,561.06	1/4	2,201.80
1/2		1/2	5,056.00	1/2	4,707.23	1/2	4,349.12	1/2	3,990.05	1/2	3,630.99	1/2	3,271.92	1/2	2,912.84	1/2	2,553.58	1/2	2,194.32
3/4		3/4	5,050.45	3/4	4,699.78	3/4	4,341.63	3/4	3,982.57	3/4	3,623.51	3/4	3,264.44	3/4	2,905.36	3/4	2,546.09	3/4	2,186.83
8		8	5,044.89	8	4,692.33	8	4,334.15	8	3,975.09	8	3,616.03	8	3,256.96	8	2,897.87	8	2,538.61	8	2,179.35
1/4		1/4	5,038.27	1/4	4,684.87	1/4	4,326.67	1/4	3,967.61	1/4	3,608.55	1/4	3,249.48	1/4	2,890.39	1/4	2,531.13	1/4	2,171.86
1/2		1/2	5,031.65	1/2	4,677.41	1/2	4,319.19	1/2	3,960.13	1/2	3,601.07	1/2	3,242.00	1/2	2,882.90	1/2	2,523.64	1/2	2,164.38
3/4		3/4	5,025.04	3/4	4,669.95	3/4	4,311.71	3/4	3,952.65	3/4	3,593.58	3/4	3,234.52	3/4	2,875.42	3/4	2,516.16	3/4	2,156.90
9		9	5,018.42	9	4,662.49	9	4,304.23	9	3,945.17	9	3,586.10	9	3,227.04	9	2,867.93	9	2,508.67	9	2,149.41
1/4		1/4	5,011.13	1/4	4,655.03	1/4	4,296.75	1/4	3,937.69	1/4	3,578.62	1/4	3,219.56	1/4	2,860.45	1/4	2,501.19	1/4	2,141.93
1/2		1/2	5,003.84	1/2	4,647.58	1/2	4,289.27	1/2	3,930.21	1/2	3,571.14	1/2	3,212.08	1/2	2,852.96	1/2	2,493.70	1/2	2,134.44
3/4		3/4	4,996.55	3/4	4,640.12	3/4	4,281.79	3/4	3,922.73	3/4	3,563.66	3/4	3,204.60	3/4	2,845.48	3/4	2,486.22	3/4	2,126.96
10		10	4,989.26	10	4,632.66	10	4,274.31	10	3,915.25	10	3,556.18	10	3,197.12	10	2,837.99	10	2,478.73	10	2,119.47
1/4		1/4	4,981.84	1/4	4,625.20	1/4	4,266.83	1/4	3,907.77	1/4	3,548.70	1/4	3,189.64	1/4	2,830.51	1/4	2,471.25	1/4	2,111.99
1/2		1/2	4,974.41	1/2	4,617.74	1/2	4,259.35	1/2	3,900.29	1/2	3,541.22	1/2	3,182.16	1/2	2,823.02	1/2	2,463.76	1/2	2,104.50
3/4		3/4	4,966.99	3/4	4,610.28	3/4	4,251.87	3/4	3,892.80	3/4	3,533.74	3/4	3,174.68	3/4	2,815.54	3/4	2,456.28	3/4	2,097.02
11		11	4,959.57	11	4,602.82	11	4,244.39	11	3,885.32	11	3,526.26	11	3,167.20	11	2,808.06	11	2,448.79	11	2,089.53
1/4		1/4	4,952.14	1/4	4,595.36	1/4	4,236.91	1/4	3,877.84	1/4	3,518.78	1/4	3,159.72	1/4	2,800.57	1/4	2,441.31	1/4	2,082.05
1/2		1/2	4,944.72	1/2	4,587.91	1/2	4,229.43	1/2	3,870.36	1/2	3,511.30	1/2	3,152.24	1/2	2,793.09	1/2	2,433.83	1/2	2,074.56
3/4		3/4	4,937.30	3/4	4,580.45	3/4	4,221.95	3/4	3,862.88	3/4	3,503.82	3/4	3,144.75	3/4	2,785.60	3/4	2,426.34	3/4	2,067.08

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 TO TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

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

BARGE "SMI 30063"

2 PORT
ULLAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09"

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	2,059.60	0	1,700.33	0	1,341.07	0	989.80	0	636.94	0	277.70	0		0		0		0	
1/4	2,052.11	1/4	1,692.85	1/4	1,333.59	1/4	982.62	1/4	629.46	1/4	270.21	1/4		1/4		1/4		1/4	
1/2	2,044.63	1/2	1,685.37	1/2	1,326.10	1/2	975.44	1/2	621.97	1/2	262.73	1/2		1/2		1/2		1/2	
3/4	2,037.14	3/4	1,677.88	3/4	1,318.62	3/4	968.26	3/4	614.49	3/4	255.24	3/4		3/4		3/4		3/4	
1	2,029.66	1	1,670.40	1	1,311.14	1	961.08	1	607.00	1	247.76	1		1		1		1	
1/4	2,022.17	1/4	1,662.91	1/4	1,303.65	1/4	953.90	1/4	599.52	1/4	240.27	1/4		1/4		1/4		1/4	
1/2	2,014.69	1/2	1,655.43	1/2	1,296.17	1/2	946.72	1/2	592.04	1/2	232.79	1/2		1/2		1/2		1/2	
3/4	2,007.20	3/4	1,647.94	3/4	1,288.68	3/4	939.54	3/4	584.55	3/4	225.31	3/4		3/4		3/4		3/4	
2	1,999.72	2	1,640.46	2	1,281.20	2	932.36	2	577.07	2	217.82	2		2		2		2	
1/4	1,992.23	1/4	1,632.97	1/4	1,273.71	1/4	925.18	1/4	569.58	1/4	210.34	1/4		1/4		1/4		1/4	
1/2	1,984.75	1/2	1,625.49	1/2	1,266.23	1/2	918.00	1/2	562.10	1/2	202.85	1/2		1/2		1/2		1/2	
3/4	1,977.26	3/4	1,618.00	3/4	1,258.74	3/4	910.82	3/4	554.61	3/4	195.37	3/4		3/4		3/4		3/4	
3	1,969.78	3	1,610.52	3	1,251.26	3	903.64	3	547.13	3	187.88	3		3		3		3	
1/4	1,962.30	1/4	1,603.03	1/4	1,243.77	1/4	896.46	1/4	539.65	1/4	180.40	1/4		1/4		1/4		1/4	
1/2	1,954.81	1/2	1,595.55	1/2	1,236.29	1/2	889.28	1/2	532.16	1/2	172.91	1/2		1/2		1/2		1/2	
3/4	1,947.33	3/4	1,588.07	3/4	1,228.80	3/4	882.10	3/4	524.68	3/4	165.43	3/4		3/4		3/4		3/4	
4	1,939.84	4	1,580.58	4	1,221.32	4	874.92	4	517.19	4	157.95	4		4		4		4	
1/4	1,932.36	1/4	1,573.10	1/4	1,213.84	1/4	867.74	1/4	509.71	1/4	150.46	1/4		1/4		1/4		1/4	
1/2	1,924.87	1/2	1,565.61	1/2	1,206.35	1/2	860.56	1/2	502.22	1/2	142.98	1/2		1/2		1/2		1/2	
3/4	1,917.39	3/4	1,558.13	3/4	1,198.87	3/4	853.38	3/4	494.74	3/4	135.49	3/4		3/4		3/4		3/4	
5	1,909.90	5	1,550.64	5	1,191.38	5	846.20	5	487.26	5	128.01	5		5		5		5	
1/4	1,902.42	1/4	1,543.16	1/4	1,184.11	1/4	838.79	1/4	479.77	1/4	120.52	1/4		1/4		1/4		1/4	
1/2	1,894.93	1/2	1,535.67	1/2	1,176.84	1/2	831.38	1/2	472.29	1/2	113.04	1/2		1/2		1/2		1/2	
3/4	1,887.45	3/4	1,528.19	3/4	1,169.57	3/4	823.97	3/4	464.80	3/4	105.56	3/4		3/4		3/4		3/4	
6	1,879.97	6	1,520.70	6	1,162.29	6	816.56	6	457.32	6	98.07	6		6		6		6	
1/4	1,872.48	1/4	1,513.22	1/4	1,155.09	1/4	809.08	1/4	449.83	1/4	90.59	1/4		1/4		1/4		1/4	
1/2	1,865.00	1/2	1,505.74	1/2	1,147.89	1/2	801.60	1/2	442.35	1/2	83.10	1/2		1/2		1/2		1/2	
3/4	1,857.51	3/4	1,498.25	3/4	1,140.69	3/4	794.11	3/4	434.87	3/4	75.62	3/4		3/4		3/4		3/4	
7	1,850.03	7	1,490.77	7	1,133.49	7	786.63	7	427.38	7	68.13	7		7		7		7	
1/4	1,842.54	1/4	1,483.28	1/4	1,126.30	1/4	779.14	1/4	419.90	1/4	61.35	1/4		1/4		1/4		1/4	
1/2	1,835.06	1/2	1,475.80	1/2	1,119.10	1/2	771.66	1/2	412.41	1/2	54.57	1/2		1/2		1/2		1/2	
3/4	1,827.57	3/4	1,468.31	3/4	1,111.91	3/4	764.17	3/4	404.93	3/4	47.79	3/4		3/4		3/4		3/4	
8	1,820.09	8	1,460.83	8	1,104.72	8	756.69	8	397.44	8	41.00	8		8		8		8	
1/4	1,812.60	1/4	1,453.34	1/4	1,097.53	1/4	749.21	1/4	389.96	1/4	35.86	1/4		1/4		1/4		1/4	
1/2	1,805.12	1/2	1,445.86	1/2	1,090.35	1/2	741.72	1/2	382.48	1/2	30.71	1/2		1/2		1/2		1/2	
3/4	1,797.63	3/4	1,438.37	3/4	1,083.16	3/4	734.24	3/4	374.99	3/4	25.57	3/4		3/4		3/4		3/4	
9	1,790.15	9	1,430.89	9	1,075.97	9	726.75	9	367.51	9	20.42	9		9		9		9	
1/4	1,782.67	1/4	1,423.40	1/4	1,068.79	1/4	719.27	1/4	360.02	1/4		1/4		1/4		1/4		1/4	
1/2	1,775.18	1/2	1,415.92	1/2	1,061.61	1/2	711.78	1/2	352.54	1/2		1/2		1/2		1/2		1/2	
3/4	1,767.70	3/4	1,408.44	3/4	1,054.43	3/4	704.30	3/4	345.05	3/4		3/4		3/4		3/4		3/4	
10	1,760.21	10	1,400.95	10	1,047.24	10	696.82	10	337.57	10		10		10		10		10	
1/4	1,752.73	1/4	1,393.47	1/4	1,040.06	1/4	689.33	1/4	330.09	1/4		1/4		1/4		1/4		1/4	
1/2	1,745.24	1/2	1,385.98	1/2	1,032.88	1/2	681.85	1/2	322.60	1/2		1/2		1/2		1/2		1/2	
3/4	1,737.76	3/4	1,378.50	3/4	1,025.70	3/4	674.36	3/4	315.12	3/4		3/4		3/4		3/4		3/4	
11	1,730.27	11	1,371.01	11	1,018.52	11	666.88	11	307.63	11		11		11		11		11	
1/4	1,722.79	1/4	1,363.53	1/4	1,011.34	1/4	659.39	1/4	300.15	1/4		1/4		1/4		1/4		1/4	
1/2	1,715.30	1/2	1,356.04	1/2	1,004.16	1/2	651.91	1/2	292.66	1/2		1/2		1/2		1/2		1/2	
3/4	1,707.82	3/4	1,348.56	3/4	996.98	3/4	644.43	3/4	285.18	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/14/2014 SW
CALCULATED: 05/14/2014 CL
PRINTED: 05/15/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

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

BARGE "SMI 30063"

2 STBD
ULLAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09"

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	4,943.80	0	4,586.91	0	4,228.39	0	3,869.32	0	3,510.26	0	3,151.19	0	2,791.99	0	2,432.74
1/4		1/4		1/4	4,936.37	1/4	4,579.45	1/4	4,220.91	1/4	3,861.84	1/4	3,502.78	1/4	3,143.71	1/4	2,784.51	1/4	2,425.26
1/2		1/2		1/2	4,928.95	1/2	4,571.99	1/2	4,213.43	1/2	3,854.36	1/2	3,495.30	1/2	3,136.23	1/2	2,777.03	1/2	2,417.77
3/4		3/4		3/4	4,921.53	3/4	4,564.53	3/4	4,205.95	3/4	3,846.88	3/4	3,487.82	3/4	3,128.75	3/4	2,769.54	3/4	2,410.29
1		1		1	4,914.10	1	4,557.07	1	4,198.46	1	3,839.40	1	3,480.34	1	3,121.27	1	2,762.06	1	2,402.81
1/4		1/4		1/4	4,906.68	1/4	4,549.61	1/4	4,190.98	1/4	3,831.92	1/4	3,472.86	1/4	3,113.79	1/4	2,754.57	1/4	2,395.32
1/2		1/2		1/2	4,899.26	1/2	4,542.16	1/2	4,183.50	1/2	3,824.44	1/2	3,465.38	1/2	3,106.31	1/2	2,747.09	1/2	2,387.84
3/4		3/4		3/4	4,891.84	3/4	4,534.70	3/4	4,176.02	3/4	3,816.96	3/4	3,457.90	3/4	3,098.83	3/4	2,739.60	3/4	2,380.35
2		2		2	4,884.42	2	4,527.24	2	4,168.54	2	3,809.48	2	3,450.41	2	3,091.35	2	2,732.12	2	2,372.87
1/4		1/4		1/4	4,877.00	1/4	4,519.78	1/4	4,161.06	1/4	3,802.00	1/4	3,442.93	1/4	3,083.87	1/4	2,724.64	1/4	2,365.38
1/2		1/2		1/2	4,869.59	1/2	4,512.32	1/2	4,153.58	1/2	3,794.52	1/2	3,435.45	1/2	3,076.39	1/2	2,717.15	1/2	2,357.90
3/4		3/4		3/4	4,862.17	3/4	4,504.86	3/4	4,146.10	3/4	3,787.04	3/4	3,427.97	3/4	3,068.91	3/4	2,709.67	3/4	2,350.42
3		3		3	4,854.75	3	4,497.40	3	4,138.62	3	3,779.56	3	3,420.49	3	3,061.43	3	2,702.18	3	2,342.93
1/4		1/4		1/4	4,847.33	1/4	4,489.94	1/4	4,131.14	1/4	3,772.08	1/4	3,413.01	1/4	3,053.95	1/4	2,694.70	1/4	2,335.45
1/2		1/2		1/2	4,839.91	1/2	4,482.49	1/2	4,123.66	1/2	3,764.60	1/2	3,405.53	1/2	3,046.47	1/2	2,687.21	1/2	2,327.96
3/4		3/4		3/4	4,832.49	3/4	4,475.03	3/4	4,116.18	3/4	3,757.12	3/4	3,398.05	3/4	3,038.99	3/4	2,679.73	3/4	2,320.48
4		4		4	4,825.07	4	4,467.57	4	4,108.70	4	3,749.63	4	3,390.57	4	3,031.51	4	2,672.24	4	2,312.99
1/4		1/4		1/4	4,817.65	1/4	4,460.11	1/4	4,101.22	1/4	3,742.15	1/4	3,383.09	1/4	3,024.03	1/4	2,664.76	1/4	2,305.51
1/2		1/2		1/2	4,810.23	1/2	4,452.65	1/2	4,093.74	1/2	3,734.67	1/2	3,375.61	1/2	3,016.55	1/2	2,657.28	1/2	2,298.02
3/4		3/4		3/4	4,802.81	3/4	4,445.19	3/4	4,086.26	3/4	3,727.19	3/4	3,368.13	3/4	3,009.07	3/4	2,649.79	3/4	2,290.54
5		5		5	4,795.40	5	4,437.73	5	4,078.78	5	3,719.71	5	3,360.65	5	3,001.58	5	2,642.31	5	2,283.06
1/4		1/4		1/4	4,787.98	1/4	4,430.27	1/4	4,071.30	1/4	3,712.23	1/4	3,353.17	1/4	2,994.09	1/4	2,634.82	1/4	2,275.57
1/2		1/2		1/2	4,780.56	1/2	4,422.81	1/2	4,063.82	1/2	3,704.75	1/2	3,345.69	1/2	2,986.60	1/2	2,627.34	1/2	2,268.09
3/4		3/4		3/4	4,773.14	3/4	4,415.36	3/4	4,056.34	3/4	3,697.27	3/4	3,338.21	3/4	2,979.11	3/4	2,619.85	3/4	2,260.60
6		6		6	4,765.72	6	4,407.90	6	4,048.85	6	3,689.79	6	3,330.73	6	2,971.62	6	2,612.37	6	2,253.12
1/4		1/4	5,094.48	1/4	4,758.30	1/4	4,400.42	1/4	4,041.37	1/4	3,682.31	1/4	3,323.25	1/4	2,964.14	1/4	2,604.88	1/4	2,245.63
1/2		1/2	5,090.00	1/2	4,750.88	1/2	4,392.95	1/2	4,033.89	1/2	3,674.83	1/2	3,315.77	1/2	2,956.65	1/2	2,597.40	1/2	2,238.15
3/4		3/4	5,085.51	3/4	4,743.46	3/4	4,385.47	3/4	4,026.41	3/4	3,667.35	3/4	3,308.29	3/4	2,949.17	3/4	2,589.92	3/4	2,230.66
7		7	5,081.03	7	4,736.04	7	4,378.00	7	4,018.93	7	3,659.87	7	3,300.80	7	2,941.68	7	2,582.43	7	2,223.18
1/4		1/4	5,075.48	1/4	4,728.60	1/4	4,370.52	1/4	4,011.45	1/4	3,652.39	1/4	3,293.32	1/4	2,934.20	1/4	2,574.95	1/4	2,215.70
1/2		1/2	5,069.93	1/2	4,721.15	1/2	4,363.04	1/2	4,003.97	1/2	3,644.91	1/2	3,285.84	1/2	2,926.71	1/2	2,567.46	1/2	2,208.21
3/4		3/4	5,064.38	3/4	4,713.70	3/4	4,355.56	3/4	3,996.49	3/4	3,637.43	3/4	3,278.36	3/4	-2,919.23	3/4	2,559.98	3/4	2,200.73
8		8	5,058.82	8	4,706.25	8	4,348.07	8	3,989.01	8	3,629.95	8	3,270.88	8	2,911.75	8	2,552.49	8	2,193.24
1/4		1/4	5,052.20	1/4	4,698.79	1/4	4,340.59	1/4	3,981.53	1/4	3,622.47	1/4	3,263.40	1/4	2,904.26	1/4	2,545.01	1/4	2,185.76
1/2		1/2	5,045.58	1/2	4,691.33	1/2	4,333.11	1/2	3,974.05	1/2	3,614.99	1/2	3,255.92	1/2	2,896.78	1/2	2,537.53	1/2	2,178.27
3/4		3/4	5,038.96	3/4	4,683.87	3/4	4,325.63	3/4	3,966.57	3/4	3,607.51	3/4	3,248.44	3/4	2,889.29	3/4	2,530.04	3/4	2,170.79
9		9	5,032.34	9	4,676.41	9	4,318.15	9	3,959.09	9	3,600.02	9	3,240.96	9	2,881.81	9	2,522.56	9	2,163.31
1/4		1/4	5,025.05	1/4	4,668.96	1/4	4,310.67	1/4	3,951.61	1/4	3,592.54	1/4	3,233.48	1/4	2,874.32	1/4	2,515.07	1/4	2,155.82
1/2		1/2	5,017.76	1/2	4,661.50	1/2	4,303.19	1/2	3,944.13	1/2	3,585.06	1/2	3,226.00	1/2	2,866.84	1/2	2,507.59	1/2	2,148.34
3/4		3/4	5,010.47	3/4	4,654.04	3/4	4,295.71	3/4	3,936.65	3/4	3,577.58	3/4	3,218.52	3/4	2,859.35	3/4	2,500.10	3/4	2,140.85
10		10	5,003.18	10	4,646.58	10	4,288.23	10	3,929.17	10	3,570.10	10	3,211.04	10	2,851.87	10	2,492.62	10	2,133.37
1/4		1/4	4,995.76	1/4	4,639.12	1/4	4,280.75	1/4	3,921.69	1/4	3,562.62	1/4	3,203.56	1/4	2,844.39	1/4	2,485.13	1/4	2,125.88
1/2		1/2	4,988.33	1/2	4,631.66	1/2	4,273.27	1/2	3,914.21	1/2	3,555.14	1/2	3,196.08	1/2	2,836.90	1/2	2,477.65	1/2	2,118.40
3/4		3/4	4,980.91	3/4	4,624.20	3/4	4,265.79	3/4	3,906.73	3/4	3,547.66	3/4	3,188.60	3/4	2,829.42	3/4	2,470.17	3/4	2,110.91
11		11	4,973.49	11	4,616.74	11	4,258.31	11	3,899.24	11	3,540.18	11	3,181.12	11	2,821.93	11	2,462.68	11	2,103.43
1/4		1/4	4,966.07	1/4	4,609.28	1/4	4,250.83	1/4	3,891.76	1/4	3,532.70	1/4	3,173.64	1/4	2,814.45	1/4	2,455.20	1/4	2,095.95
1/2		1/2	4,958.64	1/2	4,601.83	1/2	4,243.35	1/2	3,884.28	1/2	3,525.22	1/2	3,166.16	1/2	2,806.96	1/2	2,447.71	1/2	2,088.46
3/4		3/4	4,951.22	3/4	4,594.37	3/4	4,235.87	3/4	3,876.80	3/4	3,517.74	3/4	3,158.68	3/4	2,799.48	3/4	2,440.23	3/4	2,080.98

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 TO TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

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

BARGE "SMI 30063"

2 STBD
ULLAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09"

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	2,073.49	0	1,714.24	0	1,354.99	0	995.92	0	636.94	0	277.70	0		0		0		0	
1/4	2,066.01	1/4	1,706.76	1/4	1,347.51	1/4	988.45	1/4	629.46	1/4	270.21	1/4		1/4		1/4		1/4	
1/2	2,058.52	1/2	1,699.27	1/2	1,340.02	1/2	980.98	1/2	621.98	1/2	262.73	1/2		1/2		1/2		1/2	
3/4	2,051.04	3/4	1,691.79	3/4	1,332.54	3/4	973.51	3/4	614.49	3/4	255.24	3/4		3/4		3/4		3/4	
1	2,043.55	1	1,684.30	1	1,325.05	1	966.04	1	607.01	1	247.76	1		1		1		1	
1/4	2,036.07	1/4	1,676.82	1/4	1,317.57	1/4	958.57	1/4	599.52	1/4	240.28	1/4		1/4		1/4		1/4	
1/2	2,028.59	1/2	1,669.33	1/2	1,310.08	1/2	951.09	1/2	592.04	1/2	232.79	1/2		1/2		1/2		1/2	
3/4	2,021.10	3/4	1,661.85	3/4	1,302.60	3/4	943.62	3/4	584.55	3/4	225.31	3/4		3/4		3/4		3/4	
2	2,013.62	2	1,654.37	2	1,295.11	2	936.15	2	577.07	2	217.82	2		2		2		2	
1/4	2,006.13	1/4	1,646.88	1/4	1,287.63	1/4	928.68	1/4	569.59	1/4	210.34	1/4		1/4		1/4		1/4	
1/2	1,998.65	1/2	1,639.40	1/2	1,280.15	1/2	921.21	1/2	562.10	1/2	202.85	1/2		1/2		1/2		1/2	
3/4	1,991.16	3/4	1,631.91	3/4	1,272.66	3/4	913.74	3/4	554.62	3/4	195.37	3/4		3/4		3/4		3/4	
3	1,983.68	3	1,624.43	3	1,265.18	3	906.27	3	547.13	3	187.89	3		3		3		3	
1/4	1,976.20	1/4	1,616.94	1/4	1,257.69	1/4	898.79	1/4	539.65	1/4	180.40	1/4		1/4		1/4		1/4	
1/2	1,968.71	1/2	1,609.46	1/2	1,250.21	1/2	891.32	1/2	532.16	1/2	172.92	1/2		1/2		1/2		1/2	
3/4	1,961.23	3/4	1,601.98	3/4	1,242.72	3/4	883.85	3/4	524.68	3/4	165.43	3/4		3/4		3/4		3/4	
4	1,953.74	4	1,594.49	4	1,235.24	4	876.38	4	517.20	4	157.95	4		4		4		4	
1/4	1,946.26	1/4	1,587.01	1/4	1,227.76	1/4	868.91	1/4	509.71	1/4	150.46	1/4		1/4		1/4		1/4	
1/2	1,938.77	1/2	1,579.52	1/2	1,220.27	1/2	861.44	1/2	502.23	1/2	142.98	1/2		1/2		1/2		1/2	
3/4	1,931.29	3/4	1,572.04	3/4	1,212.79	3/4	853.96	3/4	494.74	3/4	135.50	3/4		3/4		3/4		3/4	
5	1,923.80	5	1,564.55	5	1,205.30	5	846.49	5	487.26	5	128.01	5		5		5		5	
1/4	1,916.32	1/4	1,557.07	1/4	1,197.82	1/4	839.01	1/4	479.77	1/4	120.53	1/4		1/4		1/4		1/4	
1/2	1,908.84	1/2	1,549.58	1/2	1,190.33	1/2	831.53	1/2	472.29	1/2	113.04	1/2		1/2		1/2		1/2	
3/4	1,901.35	3/4	1,542.10	3/4	1,182.85	3/4	824.05	3/4	464.81	3/4	105.56	3/4		3/4		3/4		3/4	
6	1,893.87	6	1,534.62	6	1,175.36	6	816.57	6	457.32	6	98.07	6		6		6		6	
1/4	1,886.38	1/4	1,527.13	1/4	1,167.88	1/4	809.08	1/4	449.84	1/4	90.59	1/4		1/4		1/4		1/4	
1/2	1,878.90	1/2	1,519.65	1/2	1,160.40	1/2	801.60	1/2	442.35	1/2	83.11	1/2		1/2		1/2		1/2	
3/4	1,871.41	3/4	1,512.16	3/4	1,152.91	3/4	794.11	3/4	434.87	3/4	75.62	3/4		3/4		3/4		3/4	
7	1,863.93	7	1,504.68	7	1,145.43	7	786.63	7	427.38	7	68.14	7		7		7		7	
1/4	1,856.44	1/4	1,497.19	1/4	1,137.95	1/4	779.15	1/4	419.90	1/4	61.35	1/4		1/4		1/4		1/4	
1/2	1,848.96	1/2	1,489.71	1/2	1,130.47	1/2	771.66	1/2	412.42	1/2	54.57	1/2		1/2		1/2		1/2	
3/4	1,841.48	3/4	1,482.22	3/4	1,122.99	3/4	764.18	3/4	404.93	3/4	47.79	3/4		3/4		3/4		3/4	
8	1,833.99	8	1,474.74	8	1,115.51	8	756.69	8	397.45	8	41.01	8		8		8		8	
1/4	1,826.51	1/4	1,467.26	1/4	1,108.03	1/4	749.21	1/4	389.96	1/4	35.86	1/4		1/4		1/4		1/4	
1/2	1,819.02	1/2	1,459.77	1/2	1,100.55	1/2	741.72	1/2	382.48	1/2	30.72	1/2		1/2		1/2		1/2	
3/4	1,811.54	3/4	1,452.29	3/4	1,093.07	3/4	734.24	3/4	374.99	3/4	25.57	3/4		3/4		3/4		3/4	
9	1,804.05	9	1,444.80	9	1,085.59	9	726.76	9	367.51	9	20.42	9		9		9		9	
1/4	1,796.57	1/4	1,437.32	1/4	1,078.12	1/4	719.27	1/4	360.02	1/4		1/4		1/4		1/4		1/4	
1/2	1,789.09	1/2	1,429.83	1/2	1,070.64	1/2	711.79	1/2	352.54	1/2		1/2		1/2		1/2		1/2	
3/4	1,781.60	3/4	1,422.35	3/4	1,063.17	3/4	704.30	3/4	345.06	3/4		3/4		3/4		3/4		3/4	
10	1,774.12	10	1,414.87	10	1,055.70	10	696.82	10	337.57	10		10		10		10		10	
1/4	1,766.63	1/4	1,407.38	1/4	1,048.23	1/4	689.33	1/4	330.09	1/4		1/4		1/4		1/4		1/4	
1/2	1,759.15	1/2	1,399.90	1/2	1,040.75	1/2	681.85	1/2	322.60	1/2		1/2		1/2		1/2		1/2	
3/4	1,751.66	3/4	1,392.41	3/4	1,033.28	3/4	674.37	3/4	315.12	3/4		3/4		3/4		3/4		3/4	
11	1,744.18	11	1,384.93	11	1,025.81	11	666.88	11	307.63	11		11		11		11		11	
1/4	1,736.69	1/4	1,377.44	1/4	1,018.34	1/4	659.40	1/4	300.15	1/4		1/4		1/4		1/4		1/4	
1/2	1,729.21	1/2	1,369.96	1/2	1,010.87	1/2	651.91	1/2	292.67	1/2		1/2		1/2		1/2		1/2	
3/4	1,721.73	3/4	1,362.47	3/4	1,003.40	3/4	644.43	3/4	285.18	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/14/2014 SW
CALCULATED: 05/14/2014 CL
PRINTED: 05/15/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

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

BARGE "SMI 30063"

3 PORT
ULLAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09"

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	4,392.71	0	4,174.91	0	3,956.00	0	3,736.73	0	3,474.57	0	3,118.48	0	2,761.71	0	2,405.12
1/4		1/4		1/4	4,388.18	1/4	4,170.36	1/4	3,951.44	1/4	3,732.17	1/4	3,467.16	1/4	3,111.05	1/4	2,754.28	1/4	2,397.72
1/2		1/2		1/2	4,383.65	1/2	4,165.81	1/2	3,946.87	1/2	3,727.60	1/2	3,459.75	1/2	3,103.62	1/2	2,746.85	1/2	2,390.31
3/4		3/4		3/4	4,379.12	3/4	4,161.25	3/4	3,942.30	3/4	3,723.03	3/4	3,452.34	3/4	3,096.19	3/4	2,739.41	3/4	2,382.91
1		1		1	4,374.59	1	4,156.70	1	3,937.73	1	3,718.46	1	3,444.93	1	3,088.76	1	2,731.98	1	2,375.51
1/4		1/4		1/4	4,370.07	1/4	4,152.15	1/4	3,933.16	1/4	3,713.89	1/4	3,437.52	1/4	3,081.33	1/4	2,724.54	1/4	2,368.10
1/2		1/2		1/2	4,365.54	1/2	4,147.59	1/2	3,928.60	1/2	3,709.33	1/2	3,430.11	1/2	3,073.89	1/2	2,717.11	1/2	2,360.70
3/4		3/4		3/4	4,361.01	3/4	4,143.04	3/4	3,924.03	3/4	3,704.76	3/4	3,422.70	3/4	3,066.46	3/4	2,709.68	3/4	2,353.30
2		2		2	4,356.49	2	4,138.48	2	3,919.46	2	3,700.19	2	3,415.29	2	3,059.03	2	2,702.24	2	2,345.90
1/4		1/4		1/4	4,351.96	1/4	4,133.93	1/4	3,914.89	1/4	3,695.62	1/4	3,407.88	1/4	3,051.60	1/4	2,694.81	1/4	2,338.49
1/2		1/2		1/2	4,347.43	1/2	4,129.38	1/2	3,910.32	1/2	3,691.05	1/2	3,400.47	1/2	3,044.17	1/2	2,687.38	1/2	2,331.09
3/4		3/4		3/4	4,342.91	3/4	4,124.82	3/4	3,905.75	3/4	3,686.49	3/4	3,393.06	3/4	3,036.74	3/4	2,679.94	3/4	2,323.69
3		3		3	4,338.38	3	4,120.27	3	3,901.19	3	3,681.92	3	3,385.65	3	3,029.31	3	2,672.51	3	2,316.29
1/4		1/4		1/4	4,333.85	1/4	4,115.72	1/4	3,896.62	1/4	3,677.35	1/4	3,378.24	1/4	3,021.88	1/4	2,665.07	1/4	2,308.88
1/2		1/2		1/2	4,329.33	1/2	4,111.16	1/2	3,892.05	1/2	3,672.78	1/2	3,370.83	1/2	3,014.44	1/2	2,657.64	1/2	2,301.48
3/4		3/4		3/4	4,324.80	3/4	4,106.61	3/4	3,887.48	3/4	3,668.21	3/4	3,363.42	3/4	3,007.01	3/4	2,650.21	3/4	2,294.08
4		4		4	4,320.28	4	4,102.06	4	3,882.91	4	3,663.65	4	3,356.01	4	2,999.58	4	2,642.77	4	2,286.67
1/4		1/4		1/4	4,315.75	1/4	4,097.50	1/4	3,878.35	1/4	3,659.08	1/4	3,348.60	1/4	2,992.15	1/4	2,635.34	1/4	2,279.27
1/2		1/2		1/2	4,311.22	1/2	4,092.95	1/2	3,873.78	1/2	3,654.51	1/2	3,341.19	1/2	2,984.72	1/2	2,627.90	1/2	2,271.87
3/4		3/4		3/4	4,306.70	3/4	4,088.39	3/4	3,869.21	3/4	3,649.94	3/4	3,333.78	3/4	2,977.29	3/4	2,620.47	3/4	2,264.47
5		5		5	4,302.17	5	4,083.84	5	3,864.64	5	3,645.37	5	3,326.36	5	2,969.86	5	2,613.04	5	2,257.06
1/4		1/4		1/4	4,297.64	1/4	4,079.29	1/4	3,860.07	1/4	3,640.80	1/4	3,318.95	1/4	2,962.42	1/4	2,605.60	1/4	2,249.68
1/2		1/2		1/2	4,293.12	1/2	4,074.73	1/2	3,855.51	1/2	3,636.24	1/2	3,311.54	1/2	2,954.99	1/2	2,598.16	1/2	2,242.30
3/4		3/4		3/4	4,288.59	3/4	4,070.18	3/4	3,850.94	3/4	3,631.67	3/4	3,304.13	3/4	2,947.56	3/4	2,590.72	3/4	2,234.91
6		6		6	4,284.07	6	4,065.63	6	3,846.37	6	3,627.10	6	3,296.72	6	2,940.12	6	2,583.28	6	2,227.53
1/4		1/4	4,477.65	1/4	4,279.54	1/4	4,061.06	1/4	3,841.80	1/4	3,622.53	1/4	3,289.31	1/4	2,932.69	1/4	2,575.84	1/4	2,220.15
1/2		1/2	4,475.80	1/2	4,275.01	1/2	4,056.50	1/2	3,837.23	1/2	3,617.96	1/2	3,281.90	1/2	2,925.26	1/2	2,568.40	1/2	2,212.77
3/4		3/4	4,473.95	3/4	4,270.49	3/4	4,051.93	3/4	3,832.66	3/4	3,613.40	3/4	3,274.49	3/4	2,917.82	3/4	2,560.96	3/4	2,205.39
7		7	4,472.10	7	4,265.96	7	4,047.37	7	3,828.10	7	3,608.83	7	3,267.08	7	2,910.39	7	2,553.52	7	2,198.01
1/4		1/4	4,469.44	1/4	4,261.41	1/4	4,042.80	1/4	3,823.53	1/4	3,604.26	1/4	3,259.66	1/4	2,902.96	1/4	2,546.08	1/4	2,190.64
1/2		1/2	4,466.77	1/2	4,256.87	1/2	4,038.23	1/2	3,818.96	1/2	3,599.69	1/2	3,252.23	1/2	2,895.52	1/2	2,538.63	1/2	2,183.26
3/4		3/4	4,464.11	3/4	4,252.32	3/4	4,033.66	3/4	3,814.39	3/4	3,595.12	3/4	3,244.81	3/4	2,888.09	3/4	2,531.19	3/4	2,175.88
8		8	4,461.44	8	4,247.77	8	4,029.09	8	3,809.82	8	3,590.56	8	3,237.38	8	2,880.65	8	2,523.75	8	2,168.50
1/4		1/4	4,457.71	1/4	4,243.22	1/4	4,024.53	1/4	3,805.26	1/4	3,583.82	1/4	3,229.95	1/4	2,873.22	1/4	2,516.31	1/4	2,161.12
1/2		1/2	4,453.98	1/2	4,238.66	1/2	4,019.96	1/2	3,800.69	1/2	3,577.09	1/2	3,222.52	1/2	2,865.79	1/2	2,508.87	1/2	2,153.74
3/4		3/4	4,450.25	3/4	4,234.11	3/4	4,015.39	3/4	3,796.12	3/4	3,570.36	3/4	3,215.09	3/4	2,858.35	3/4	2,501.43	3/4	2,146.37
9		9	4,446.52	9	4,229.56	9	4,010.82	9	3,791.55	9	3,563.63	9	3,207.66	9	2,850.92	9	2,493.99	9	2,138.99
1/4		1/4	4,442.13	1/4	4,225.00	1/4	4,006.25	1/4	3,786.98	1/4	3,556.20	1/4	3,200.22	1/4	2,843.49	1/4	2,486.58	1/4	2,131.61
1/2		1/2	4,437.73	1/2	4,220.45	1/2	4,001.68	1/2	3,782.42	1/2	3,548.77	1/2	3,192.79	1/2	2,836.05	1/2	2,479.16	1/2	2,124.23
3/4		3/4	4,433.34	3/4	4,215.90	3/4	3,997.12	3/4	3,777.85	3/4	3,541.34	3/4	3,185.36	3/4	2,828.62	3/4	2,471.75	3/4	2,116.85
10		10	4,428.94	10	4,211.34	10	3,992.55	10	3,773.28	10	3,533.91	10	3,177.93	10	2,821.18	10	2,464.34	10	2,109.47
1/4		1/4	4,424.41	1/4	4,206.79	1/4	3,987.98	1/4	3,768.71	1/4	3,526.49	1/4	3,170.50	1/4	2,813.75	1/4	2,456.94	1/4	2,102.10
1/2		1/2	4,419.88	1/2	4,202.23	1/2	3,983.41	1/2	3,764.14	1/2	3,519.07	1/2	3,163.07	1/2	2,806.32	1/2	2,449.53	1/2	2,094.72
3/4		3/4	4,415.36	3/4	4,197.68	3/4	3,978.84	3/4	3,759.58	3/4	3,511.65	3/4	3,155.64	3/4	2,798.88	3/4	2,442.13	3/4	2,087.34
11		11	4,410.83	11	4,193.13	11	3,974.28	11	3,755.01	11	3,504.23	11	3,148.21	11	2,791.45	11	2,434.73	11	2,079.96
1/4		1/4	4,406.30	1/4	4,188.57	1/4	3,969.71	1/4	3,750.44	1/4	3,496.81	1/4	3,140.77	1/4	2,784.01	1/4	2,427.33	1/4	2,072.58
1/2		1/2	4,401.77	1/2	4,184.02	1/2	3,965.14	1/2	3,745.87	1/2	3,489.40	1/2	3,133.34	1/2	2,776.58	1/2	2,419.92	1/2	2,065.21
3/4		3/4	4,397.24	3/4	4,179.47	3/4	3,960.57	3/4	3,741.30	3/4	3,481.99	3/4	3,125.91	3/4	2,769.15	3/4	2,412.52	3/4	2,057.83

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 TO TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

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

BARGE "SMI 30063"

3 PORT
ULLAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09"

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	2,050.45	0	1,694.60	0	1,337.42	0	986.23	0	633.77	0	276.43	0		0		0		0	
1/4	2,043.07	1/4	1,687.15	1/4	1,329.98	1/4	979.02	1/4	626.32	1/4	268.98	1/4		1/4		1/4		1/4	
1/2	2,035.69	1/2	1,679.71	1/2	1,322.54	1/2	971.81	1/2	618.88	1/2	261.54	1/2		1/2		1/2		1/2	
3/4	2,028.31	3/4	1,672.27	3/4	1,315.09	3/4	964.60	3/4	611.43	3/4	254.09	3/4		3/4		3/4		3/4	
1	2,020.94	1	1,664.83	1	1,307.65	1	957.38	1	603.99	1	246.65	1		1		1		1	
1/4	2,013.56	1/4	1,657.39	1/4	1,300.21	1/4	950.17	1/4	596.54	1/4	239.21	1/4		1/4		1/4		1/4	
1/2	2,006.18	1/2	1,649.95	1/2	1,292.77	1/2	942.96	1/2	589.10	1/2	231.76	1/2		1/2		1/2		1/2	
3/4	1,998.80	3/4	1,642.51	3/4	1,285.33	3/4	935.75	3/4	581.65	3/4	224.32	3/4		3/4		3/4		3/4	
2	1,991.42	2	1,635.07	2	1,277.89	2	928.54	2	574.20	2	216.87	2		2		2		2	
1/4	1,984.04	1/4	1,627.63	1/4	1,270.45	1/4	921.33	1/4	566.76	1/4	209.43	1/4		1/4		1/4		1/4	
1/2	1,976.67	1/2	1,620.18	1/2	1,263.01	1/2	914.12	1/2	559.31	1/2	201.98	1/2		1/2		1/2		1/2	
3/4	1,969.29	3/4	1,612.74	3/4	1,255.57	3/4	906.90	3/4	551.87	3/4	194.53	3/4		3/4		3/4		3/4	
3	1,961.91	3	1,605.30	3	1,248.12	3	899.69	3	544.42	3	187.09	3		3		3		3	
1/4	1,954.53	1/4	1,597.86	1/4	1,240.68	1/4	892.48	1/4	536.98	1/4	179.64	1/4		1/4		1/4		1/4	
1/2	1,947.15	1/2	1,590.42	1/2	1,233.24	1/2	885.27	1/2	529.53	1/2	172.20	1/2		1/2		1/2		1/2	
3/4	1,939.77	3/4	1,582.98	3/4	1,225.80	3/4	878.06	3/4	522.09	3/4	164.75	3/4		3/4		3/4		3/4	
4	1,932.40	4	1,575.54	4	1,218.36	4	870.85	4	514.64	4	157.30	4		4		4		4	
1/4	1,925.02	1/4	1,568.10	1/4	1,210.92	1/4	863.64	1/4	507.20	1/4	149.86	1/4		1/4		1/4		1/4	
1/2	1,917.64	1/2	1,560.65	1/2	1,203.48	1/2	856.42	1/2	499.75	1/2	142.41	1/2		1/2		1/2		1/2	
3/4	1,910.26	3/4	1,553.21	3/4	1,196.04	3/4	849.21	3/4	492.31	3/4	134.96	3/4		3/4		3/4		3/4	
5	1,902.88	5	1,545.77	5	1,188.59	5	842.00	5	484.86	5	127.52	5		5		5		5	
1/4	1,895.46	1/4	1,538.33	1/4	1,181.31	1/4	834.62	1/4	477.42	1/4	120.07	1/4		1/4		1/4		1/4	
1/2	1,888.03	1/2	1,530.89	1/2	1,174.03	1/2	827.23	1/2	469.97	1/2	112.62	1/2		1/2		1/2		1/2	
3/4	1,880.61	3/4	1,523.45	3/4	1,166.74	3/4	819.84	3/4	462.53	3/4	105.17	3/4		3/4		3/4		3/4	
6	1,873.18	6	1,516.01	6	1,159.46	6	812.46	6	455.08	6	97.71	6		6		6		6	
1/4	1,865.74	1/4	1,508.57	1/4	1,152.23	1/4	805.01	1/4	447.64	1/4	90.26	1/4		1/4		1/4		1/4	
1/2	1,858.30	1/2	1,501.12	1/2	1,145.00	1/2	797.57	1/2	440.19	1/2	82.80	1/2		1/2		1/2		1/2	
3/4	1,850.86	3/4	1,493.68	3/4	1,137.77	3/4	790.12	3/4	432.75	3/4	75.35	3/4		3/4		3/4		3/4	
7	1,843.42	7	1,486.24	7	1,130.54	7	782.68	7	425.31	7	67.89	7		7		7		7	
1/4	1,835.98	1/4	1,478.80	1/4	1,123.32	1/4	775.23	1/4	417.86	1/4	61.13	1/4		1/4		1/4		1/4	
1/2	1,828.54	1/2	1,471.36	1/2	1,116.09	1/2	767.78	1/2	410.42	1/2	54.38	1/2		1/2		1/2		1/2	
3/4	1,821.10	3/4	1,463.92	3/4	1,108.87	3/4	760.34	3/4	402.97	3/4	47.62	3/4		3/4		3/4		3/4	
8	1,813.66	8	1,456.48	8	1,101.65	8	752.89	8	395.53	8	40.86	8		8		8		8	
1/4	1,806.21	1/4	1,449.04	1/4	1,094.43	1/4	745.45	1/4	388.09	1/4	35.73	1/4		1/4		1/4		1/4	
1/2	1,798.77	1/2	1,441.60	1/2	1,087.21	1/2	738.00	1/2	380.64	1/2	30.61	1/2		1/2		1/2		1/2	
3/4	1,791.33	3/4	1,434.15	3/4	1,079.99	3/4	730.56	3/4	373.20	3/4	25.48	3/4		3/4		3/4		3/4	
9	1,783.89	9	1,426.71	9	1,072.77	9	723.11	9	365.75	9	20.35	9		9		9		9	
1/4	1,776.45	1/4	1,419.27	1/4	1,065.56	1/4	715.67	1/4	358.31	1/4		1/4		1/4		1/4		1/4	
1/2	1,769.01	1/2	1,411.83	1/2	1,058.35	1/2	708.22	1/2	350.87	1/2		1/2		1/2		1/2		1/2	
3/4	1,761.57	3/4	1,404.39	3/4	1,051.13	3/4	700.78	3/4	343.42	3/4		3/4		3/4		3/4		3/4	
10	1,754.13	10	1,396.95	10	1,043.92	10	693.33	10	335.98	10		10		10		10		10	
1/4	1,746.68	1/4	1,389.51	1/4	1,036.71	1/4	685.89	1/4	328.53	1/4		1/4		1/4		1/4		1/4	
1/2	1,739.24	1/2	1,382.07	1/2	1,029.50	1/2	678.44	1/2	321.09	1/2		1/2		1/2		1/2		1/2	
3/4	1,731.80	3/4	1,374.62	3/4	1,022.29	3/4	670.99	3/4	313.65	3/4		3/4		3/4		3/4		3/4	
11	1,724.36	11	1,367.18	11	1,015.07	11	663.55	11	306.20	11		11		11		11		11	
1/4	1,716.92	1/4	1,359.74	1/4	1,007.86	1/4	656.10	1/4	298.76	1/4		1/4		1/4		1/4		1/4	
1/2	1,709.48	1/2	1,352.30	1/2	1,000.65	1/2	648.66	1/2	291.31	1/2		1/2		1/2		1/2		1/2	
3/4	1,702.04	3/4	1,344.86	3/4	993.44	3/4	641.21	3/4	283.87	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/14/2014 SW
CALCULATED: 05/14/2014 CL
PRINTED: 05/15/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

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

BARGE "SMI 30063"

3 STBD
ULLAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 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	4,409.62	0	4,191.83	0	3,972.94	0	3,753.71	0	3,488.62	0	3,131.73	0	2,774.18	0	2,416.37
1/4		1/4		1/4	4,405.09	1/4	4,187.28	1/4	3,968.38	1/4	3,749.14	1/4	3,481.20	1/4	3,124.28	1/4	2,766.73	1/4	2,408.91
1/2		1/2		1/2	4,400.56	1/2	4,182.73	1/2	3,963.81	1/2	3,744.57	1/2	3,473.77	1/2	3,116.83	1/2	2,759.28	1/2	2,401.45
3/4		3/4		3/4	4,396.04	3/4	4,178.17	3/4	3,959.24	3/4	3,740.01	3/4	3,466.34	3/4	3,109.39	3/4	2,751.83	3/4	2,394.00
1		1		1	4,391.51	1	4,173.62	1	3,954.67	1	3,735.44	1	3,458.92	1	3,101.94	1	2,744.38	1	2,386.54
1/4		1/4		1/4	4,386.98	1/4	4,169.07	1/4	3,950.11	1/4	3,730.87	1/4	3,451.49	1/4	3,094.49	1/4	2,736.93	1/4	2,379.08
1/2		1/2		1/2	4,382.45	1/2	4,164.52	1/2	3,945.54	1/2	3,726.30	1/2	3,444.06	1/2	3,087.04	1/2	2,729.48	1/2	2,371.62
3/4		3/4		3/4	4,377.93	3/4	4,159.96	3/4	3,940.97	3/4	3,721.74	3/4	3,436.64	3/4	3,079.60	3/4	2,722.03	3/4	2,364.17
2		2		2	4,373.40	2	4,155.41	2	3,936.40	2	3,717.17	2	3,429.21	2	3,072.15	2	2,714.58	2	2,356.71
1/4		1/4		1/4	4,368.88	1/4	4,150.86	1/4	3,931.84	1/4	3,712.60	1/4	3,421.78	1/4	3,064.70	1/4	2,707.13	1/4	2,349.25
1/2		1/2		1/2	4,364.35	1/2	4,146.30	1/2	3,927.27	1/2	3,708.03	1/2	3,414.36	1/2	3,057.26	1/2	2,699.68	1/2	2,341.80
3/4		3/4		3/4	4,359.83	3/4	4,141.75	3/4	3,922.70	3/4	3,703.47	3/4	3,406.93	3/4	3,049.81	3/4	2,692.23	3/4	2,334.34
3		3		3	4,355.30	3	4,137.20	3	3,918.13	3	3,698.90	3	3,399.50	3	3,042.36	3	2,684.78	3	2,326.88
1/4		1/4		1/4	4,350.78	1/4	4,132.65	1/4	3,913.57	1/4	3,694.33	1/4	3,392.08	1/4	3,034.91	1/4	2,677.33	1/4	2,319.42
1/2		1/2		1/2	4,346.25	1/2	4,128.09	1/2	3,909.00	1/2	3,689.76	1/2	3,384.65	1/2	3,027.47	1/2	2,669.88	1/2	2,311.97
3/4		3/4		3/4	4,341.72	3/4	4,123.54	3/4	3,904.43	3/4	3,685.20	3/4	3,377.22	3/4	3,020.02	3/4	2,662.43	3/4	2,304.51
4		4		4	4,337.20	4	4,118.99	4	3,899.86	4	3,680.63	4	3,369.80	4	3,012.57	4	2,654.98	4	2,297.05
1/4		1/4		1/4	4,332.67	1/4	4,114.43	1/4	3,895.30	1/4	3,676.06	1/4	3,362.37	1/4	3,005.12	1/4	2,647.53	1/4	2,289.59
1/2		1/2		1/2	4,328.15	1/2	4,109.88	1/2	3,890.73	1/2	3,671.49	1/2	3,354.94	1/2	2,997.68	1/2	2,640.08	1/2	2,282.14
3/4		3/4		3/4	4,323.62	3/4	4,105.33	3/4	3,886.16	3/4	3,666.93	3/4	3,347.52	3/4	2,990.23	3/4	2,632.63	3/4	2,274.68
5		5		5	4,319.10	5	4,100.77	5	3,881.59	5	3,662.36	5	3,340.09	5	2,982.78	5	2,625.17	5	2,267.22
1/4		1/4		1/4	4,314.57	1/4	4,096.22	1/4	3,877.03	1/4	3,657.79	1/4	3,332.66	1/4	2,975.33	1/4	2,617.71	1/4	2,259.77
1/2		1/2		1/2	4,310.05	1/2	4,091.67	1/2	3,872.46	1/2	3,653.22	1/2	3,325.24	1/2	2,967.88	1/2	2,610.26	1/2	2,252.31
3/4		3/4		3/4	4,305.52	3/4	4,087.12	3/4	3,867.89	3/4	3,648.66	3/4	3,317.81	3/4	2,960.43	3/4	2,602.80	3/4	2,244.85
6		6	4,499.08	6	4,300.99	6	4,082.55	6	3,863.33	6	3,644.09	6	3,310.38	6	2,952.98	6	2,595.34	6	2,237.39
1/4		1/4	4,497.23	1/4	4,296.47	1/4	4,077.99	1/4	3,858.76	1/4	3,639.52	1/4	3,302.96	1/4	2,945.53	1/4	2,587.89	1/4	2,229.94
1/2		1/2	4,495.38	1/2	4,291.94	1/2	4,073.42	1/2	3,854.19	1/2	3,634.96	1/2	3,295.53	1/2	2,938.08	1/2	2,580.43	1/2	2,222.48
3/4		3/4	4,493.53	3/4	4,287.42	3/4	4,068.86	3/4	3,849.62	3/4	3,630.39	3/4	3,288.10	3/4	2,930.63	3/4	2,572.97	3/4	2,215.02
7		7	4,490.87	7	4,282.87	7	4,064.29	7	3,845.06	7	3,625.82	7	3,280.66	7	2,923.18	7	2,565.51	7	2,207.56
1/4		1/4	4,488.21	1/4	4,278.33	1/4	4,059.72	1/4	3,840.49	1/4	3,621.25	1/4	3,273.22	1/4	2,915.73	1/4	2,558.06	1/4	2,200.11
1/2		1/2	4,485.54	1/2	4,273.78	1/2	4,055.16	1/2	3,835.92	1/2	3,616.69	1/2	3,265.78	1/2	2,908.28	1/2	2,550.60	1/2	2,192.65
3/4		3/4	4,482.88	3/4	4,269.23	3/4	4,050.59	3/4	3,831.35	3/4	3,612.12	3/4	3,258.34	3/4	2,900.83	3/4	2,543.14	3/4	2,185.19
8		8	4,479.15	8	4,264.68	8	4,046.02	8	3,826.79	8	3,605.39	8	3,250.89	8	2,893.38	8	2,535.69	8	2,177.73
1/4		1/4	4,475.42	1/4	4,260.13	1/4	4,041.45	1/4	3,822.22	1/4	3,598.66	1/4	3,243.44	1/4	2,885.93	1/4	2,528.23	1/4	2,170.28
1/2		1/2	4,471.69	1/2	4,255.57	1/2	4,036.89	1/2	3,817.65	1/2	3,591.93	1/2	3,235.99	1/2	2,878.48	1/2	2,520.77	1/2	2,162.82
3/4		3/4	4,467.96	3/4	4,251.02	3/4	4,032.32	3/4	3,813.08	3/4	3,585.20	3/4	3,228.55	3/4	2,871.03	3/4	2,513.31	3/4	2,155.36
9		9	4,463.56	9	4,246.47	9	4,027.75	9	3,808.52	9	3,577.76	9	3,221.10	9	2,863.58	9	2,505.86	9	2,147.91
1/4		1/4	4,459.16	1/4	4,241.91	1/4	4,023.18	1/4	3,803.95	1/4	3,570.33	1/4	3,213.65	1/4	2,856.13	1/4	2,498.40	1/4	2,140.45
1/2		1/2	4,454.77	1/2	4,237.36	1/2	4,018.62	1/2	3,799.38	1/2	3,562.90	1/2	3,206.20	1/2	2,848.68	1/2	2,490.94	1/2	2,132.99
3/4		3/4	4,450.37	3/4	4,232.81	3/4	4,014.05	3/4	3,794.81	3/4	3,555.47	3/4	3,198.76	3/4	2,841.23	3/4	2,483.48	3/4	2,125.53
10		10	4,445.85	10	4,228.26	10	4,009.48	10	3,790.25	10	3,548.04	10	3,191.31	10	2,833.78	10	2,476.03	10	2,118.08
1/4		1/4	4,441.32	1/4	4,223.70	1/4	4,004.91	1/4	3,785.68	1/4	3,540.61	1/4	3,183.86	1/4	2,826.33	1/4	2,468.57	1/4	2,110.62
1/2		1/2	4,436.79	1/2	4,219.15	1/2	4,000.35	1/2	3,781.11	1/2	3,533.18	1/2	3,176.41	1/2	2,818.88	1/2	2,461.11	1/2	2,103.16
3/4		3/4	4,432.26	3/4	4,214.60	3/4	3,995.78	3/4	3,776.54	3/4	3,525.76	3/4	3,168.97	3/4	2,811.43	3/4	2,453.66	3/4	2,095.70
11		11	4,427.73	11	4,210.04	11	3,991.21	11	3,771.98	11	3,518.33	11	3,161.52	11	2,803.98	11	2,446.20	11	2,088.25
1/4		1/4	4,423.20	1/4	4,205.49	1/4	3,986.65	1/4	3,767.41	1/4	3,510.90	1/4	3,154.07	1/4	2,796.53	1/4	2,438.74	1/4	2,080.79
1/2		1/2	4,418.68	1/2	4,200.94	1/2	3,982.08	1/2	3,762.84	1/2	3,503.48	1/2	3,146.62	1/2	2,789.08	1/2	2,431.28	1/2	2,073.33
3/4		3/4	4,414.15	3/4	4,196.39	3/4	3,977.51	3/4	3,758.28	3/4	3,496.05	3/4	3,139.18	3/4	2,781.63	3/4	2,423.83	3/4	2,065.88

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 TO TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

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

BARGE "SMI 30063"

3 STBD
ULLAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 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	2,058.42	0	1,700.47	0	1,342.52	0	984.81	0	627.17	0	269.23	0		0		0		0	
1/4	2,050.96	1/4	1,693.01	1/4	1,335.06	1/4	977.37	1/4	619.72	1/4	261.78	1/4		1/4		1/4		1/4	
1/2	2,043.50	1/2	1,685.55	1/2	1,327.60	1/2	969.93	1/2	612.26	1/2	254.32	1/2		1/2		1/2		1/2	
3/4	2,036.05	3/4	1,678.10	3/4	1,320.15	3/4	962.49	3/4	604.80	3/4	246.86	3/4		3/4		3/4		3/4	
1	2,028.59	1	1,670.64	1	1,312.69	1	955.04	1	597.34	1	239.40	1		1		1		1	
1/4	2,021.13	1/4	1,663.18	1/4	1,305.23	1/4	947.60	1/4	589.89	1/4	231.95	1/4		1/4		1/4		1/4	
1/2	2,013.67	1/2	1,655.72	1/2	1,297.77	1/2	940.16	1/2	582.43	1/2	224.49	1/2		1/2		1/2		1/2	
3/4	2,006.22	3/4	1,648.27	3/4	1,290.32	3/4	932.72	3/4	574.97	3/4	217.03	3/4		3/4		3/4		3/4	
2	1,998.76	2	1,640.81	2	1,282.86	2	925.28	2	567.52	2	209.58	2		2		2		2	
1/4	1,991.30	1/4	1,633.35	1/4	1,275.40	1/4	917.83	1/4	560.06	1/4	202.12	1/4		1/4		1/4		1/4	
1/2	1,983.85	1/2	1,625.89	1/2	1,267.94	1/2	910.39	1/2	552.60	1/2	194.66	1/2		1/2		1/2		1/2	
3/4	1,976.39	3/4	1,618.44	3/4	1,260.49	3/4	902.95	3/4	545.15	3/4	187.20	3/4		3/4		3/4		3/4	
3	1,968.93	3	1,610.98	3	1,253.03	3	895.51	3	537.69	3	179.75	3		3		3		3	
1/4	1,961.47	1/4	1,603.52	1/4	1,245.57	1/4	888.07	1/4	530.23	1/4	172.29	1/4		1/4		1/4		1/4	
1/2	1,954.02	1/2	1,596.07	1/2	1,238.12	1/2	880.62	1/2	522.77	1/2	164.83	1/2		1/2		1/2		1/2	
3/4	1,946.56	3/4	1,588.61	3/4	1,230.66	3/4	873.18	3/4	515.32	3/4	157.38	3/4		3/4		3/4		3/4	
4	1,939.10	4	1,581.15	4	1,223.20	4	865.74	4	507.86	4	149.92	4		4		4		4	
1/4	1,931.64	1/4	1,573.69	1/4	1,215.74	1/4	858.30	1/4	500.40	1/4	142.46	1/4		1/4		1/4		1/4	
1/2	1,924.19	1/2	1,566.24	1/2	1,208.29	1/2	850.86	1/2	492.95	1/2	135.00	1/2		1/2		1/2		1/2	
3/4	1,916.73	3/4	1,558.78	3/4	1,200.83	3/4	843.41	3/4	485.49	3/4	127.55	3/4		3/4		3/4		3/4	
5	1,909.27	5	1,551.32	5	1,193.37	5	835.96	5	478.03	5	120.09	5		5		5		5	
1/4	1,901.81	1/4	1,543.86	1/4	1,185.91	1/4	828.51	1/4	470.57	1/4	112.63	1/4		1/4		1/4		1/4	
1/2	1,894.36	1/2	1,536.41	1/2	1,178.46	1/2	821.05	1/2	463.12	1/2	105.18	1/2		1/2		1/2		1/2	
3/4	1,886.90	3/4	1,528.95	3/4	1,171.00	3/4	813.60	3/4	455.66	3/4	97.72	3/4		3/4		3/4		3/4	
6	1,879.44	6	1,521.49	6	1,163.54	6	806.14	6	448.20	6	90.26	6		6		6		6	
1/4	1,871.99	1/4	1,514.04	1/4	1,156.08	1/4	798.69	1/4	440.75	1/4	82.80	1/4		1/4		1/4		1/4	
1/2	1,864.53	1/2	1,506.58	1/2	1,148.63	1/2	791.23	1/2	433.29	1/2	75.35	1/2		1/2		1/2		1/2	
3/4	1,857.07	3/4	1,499.12	3/4	1,141.17	3/4	783.77	3/4	425.83	3/4	67.89	3/4		3/4		3/4		3/4	
7	1,849.61	7	1,491.66	7	1,133.72	7	776.32	7	418.37	7	61.13	7		7		7		7	
1/4	1,842.16	1/4	1,484.21	1/4	1,126.27	1/4	768.86	1/4	410.92	1/4	54.37	1/4		1/4		1/4		1/4	
1/2	1,834.70	1/2	1,476.75	1/2	1,118.82	1/2	761.40	1/2	403.46	1/2	47.62	1/2		1/2		1/2		1/2	
3/4	1,827.24	3/4	1,469.29	3/4	1,111.36	3/4	753.94	3/4	396.00	3/4	40.86	3/4		3/4		3/4		3/4	
8	1,819.78	8	1,461.83	8	1,103.92	8	746.49	8	388.55	8	35.73	8		8		8		8	
1/4	1,812.33	1/4	1,454.38	1/4	1,096.47	1/4	739.03	1/4	381.09	1/4	30.61	1/4		1/4		1/4		1/4	
1/2	1,804.87	1/2	1,446.92	1/2	1,089.02	1/2	731.57	1/2	373.63	1/2	25.48	1/2		1/2		1/2		1/2	
3/4	1,797.41	3/4	1,439.46	3/4	1,081.57	3/4	724.12	3/4	366.17	3/4	20.35	3/4		3/4		3/4		3/4	
9	1,789.96	9	1,432.00	9	1,074.12	9	716.66	9	358.72	9		9		9		9		9	
1/4	1,782.50	1/4	1,424.55	1/4	1,066.68	1/4	709.20	1/4	351.26	1/4		1/4		1/4		1/4		1/4	
1/2	1,775.04	1/2	1,417.09	1/2	1,059.23	1/2	701.74	1/2	343.80	1/2		1/2		1/2		1/2		1/2	
3/4	1,767.58	3/4	1,409.63	3/4	1,051.79	3/4	694.29	3/4	336.35	3/4		3/4		3/4		3/4		3/4	
10	1,760.13	10	1,402.18	10	1,044.35	10	686.83	10	328.89	10		10		10		10		10	
1/4	1,752.67	1/4	1,394.72	1/4	1,036.91	1/4	679.37	1/4	321.43	1/4		1/4		1/4		1/4		1/4	
1/2	1,745.21	1/2	1,387.26	1/2	1,029.46	1/2	671.92	1/2	313.97	1/2		1/2		1/2		1/2		1/2	
3/4	1,737.75	3/4	1,379.80	3/4	1,022.02	3/4	664.46	3/4	306.52	3/4		3/4		3/4		3/4		3/4	
11	1,730.30	11	1,372.35	11	1,014.58	11	657.00	11	299.06	11		11		11		11		11	
1/4	1,722.84	1/4	1,364.89	1/4	1,007.14	1/4	649.54	1/4	291.60	1/4		1/4		1/4		1/4		1/4	
1/2	1,715.38	1/2	1,357.43	1/2	999.70	1/2	642.09	1/2	284.15	1/2		1/2		1/2		1/2		1/2	
3/4	1,707.93	3/4	1,349.97	3/4	992.25	3/4	634.63	3/4	276.69	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/14/2014 SW
CALCULATED: 05/14/2014 CL
PRINTED: 05/15/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

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