BARGE "SMI 30035"

INNAGE (8" HATCH)

	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	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4
1 STBD	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4
2 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
2 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
3 PORT	- 00-3/4	00-3/4	- 01-1/2	01-1/2	- 02-3/8	02-3/8	- 03-1/8	03-1/8	- 03-7/8	03-7/8	- 04-3/4	04-3/4
3 STBD	- 00-3/4	00-3/4	- 01-5/8	01-5/8	- 02-3/8	02-3/8	- 03-1/8	03-1/8	- 03-7/8	03-7/8	- 04-3/4	04-3/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-1/8"
FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 3'-11 7/8'

LENGTH BETWEEN DRAFT MARKS: 235'-09"

August 13, 2012

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

http://www.pmacorp.net

BARGE "SMI 30035"

1 PORT
INNAGE TABLE
8" HATCH

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 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	18.76	0	305.63	0	650.48	0	1,007.36	0	1,365.38	0	1,723.94	0	2,082.50	0	2,441.06	0	2,799.62	0	3,158.05
1/4	22.29	1/4	312.55	1/4	657.94	1/4	1,014.79	1/4	1,372.85	1/4	1,731.41	1/4	2,089.97	1/4	2,448.53	1/4	2,807.09	1/4	3,165.52
1/2	25.81	1/2	319.47	1/2	665.41	1/2	1,022.21	1/2	1,380.32	1/2	1,738.88	1/2	2,097.44	1/2	2,456.00	1/2	2,814.56	1/2	3,172.98
3/4	29.34	3/4	326.39	3/4	672.88	3/4	1,029.64	3/4	1,387.79	3/4	1,746.35	3/4	2,104.91	3/4	2,463.47	3/4	2,822.03	3/4	3,180.45
1	32.87	1	333.30	1	680.35	1	1,037.07	1	1,395.26	1	1,753.82	1	2,112.38	1	2,470.94	1	2,829.50	1	3,187.92
1/4	38.12	1/4	340.31	1/4	687.82	1/4	1,044.50	1/4	1,402.73	1/4	1,761.29	1/4	2,119.85	1/4	2,478.41	1/4	2,836.97	1/4	3,195.38
1/2	43.37	1/2	347.32	1/2	695.29	1/2	1,051.93	1/2	1,410.20	1/2	1,768.76	1/2	2,127.32	1/2	2,485.88	1/2	2,844.44	1/2	3,202.85
3/4	48.62	3/4	354.33	3/4	702.76	3/4	1,059.36	3/4	1,417.67	3/4	1,776.23	3/4	2,134.79	3/4	2,493.35	3/4	2,851.91	3/4	3,210.31
2	53.87	2	361.33	2	710.23	2	1,066.79	2	1,425.14	2	1,783.70	2	2,142.26	2	2,500.82	2	2,859.38	2	3,217.78
1/4	59.91	1/4	368.43	1/4	717.70	1/4	1,074.23	1/4	1,432.61	1/4	1,791.17	1/4	2,149.73	1/4	2,508.29	1/4	2,866.85	1/4	3,225.25
1/2	65.75	1/2	375.53	1/2	725.17	1/2	1,081.67	1/2	1,440.08	1/2	1,798.64	1/2	2,157.20	1/2	2,515.76	1/2	2,874.32	1/2	3,232.71
3/4	71.58	3/4	382.62	3/4	732.64	3/4	1,089.11	3/4	1,447.55	3/4	1,806.11	3/4	2,164.67	3/4	2,523.23	3/4	2,881.79	3/4	3,240.18
3	77.42	3	389.72	3	740.11	3	1,096.55	3	1,455.02	3	1,813.58	3	2,172.14	3	2,530.70	3	2,889.26	3	3,247.64
1/4	83.35	1/4	396.90	1/4	747.57	1/4	1,104.00	1/4	1,462.49	1/4	1,821.05	1/4	2,179.61	1/4	2,538.17	1/4	2,896.73	1/4	3,255.11
1/2	89.27	1/2	404.08	1/2	755.03	1/2	1,111.44	1/2	1,469.96	1/2	1,828.52	1/2	2,187.08	1/2	2,545.64	1/2	2,904.20	1/2	3,262.58
3/4	95.20	3/4	411.27	3/4	762.48	3/4	1,118.89	3/4	1,477.43	3/4	1,835.99	3/4	2,194.55	3/4	2,553.11	3/4	2,911.67	3/4	3,270.04
4	101.12	4	418.45	4	769.94	4	1,126.34	4	1,484.80	4	1,843.46	4	2,202.02	4	2,560.58	4	2,919.14	4	3,277.51
1/4	107.13	1/4	425.72	1/4	777.36	1/4	1,133.81	1/4	1,492.37	1/4	1,850.93	1/4	2,209.49	1/4	2,568.05	1/4	2,926.61	1/4	3,284.97
1/2	113.15	1/2	432.99	1/2	784.78	1/2	1,141.28	1/2	1,499.84	1/2	1,858.40	1/2	2,216.96	1/2	2,575.52	1/2	2,934.07	1/2	3,292.44
3/4	119.16	3/4	440.27	3/4	792.20	3/4	1,148.75	3/4	1,507.31	3/4	1,865.87	3/4	2,224.43	3/4	2,582.99	3/4	2,941.54	3/4	3,299.91
5	125.17	5	447.34	5	799.62	5	1,156.22	5	1,514.78	5	1,873.34	5	2,231.90	5	2,590.46	5	2,949.00	5	3,307.37
1/4	131.28	1/4	454.49	1/4	807.04	1/4	1,163.69	1/4	1,522.25	1/4	1,880.81	1/4	2,239.37	1/4	2,597.93	1/4	2,956.47	1/4	3,314.84
1/2	137.38	1/2	461.65	1/2	814.46	1/2	1,171.16	1/2	1,529.72	1/2	1,888.28	1/2	2,246.84	1/2	2,605.40	1/2	2,963.94	1/2	3,322.30
3/4	143.48	3/4	468.81	3/4	821.88	3/4	1,178.63	3/4	1,537.19	3/4	1,895.75	3/4	2,254.31	3/4	2,612.87	3/4	2,971.40	3/4	3,329.77
6	149.58	6	475.97	6	829.29	6	1,186.10	6	1,544.66	6	1,903.22	6	2,261.78	6	2,620.34	6	2,978.87	6	3,337.24
1/4	155.77	1/4	483.20	1/4	836.71	1/4	1,193.57	1/4	1,552.13	1/4	1,910.69	1/4	2,269.25	1/4	2,627.81	1/4	2,986.33	1/4	3,344.70
1/2	161.96	1/2	490.44	1/2	844.13	1/2	1,201.04	1/2	1,559.60	1/2	1,918.16	1/2	2,276.72	1/2	2,635.28	1/2	2,993.80	1/2	3,352.17
3/4	168.15	3/4	497.67	3/4	851.55	3/4	1,208.51	3/4	1,567.07	3/4	1,925.63	3/4	2,284.19	3/4	2,642.75	3/4	3,001.27	3/4	3,359.63
7	174.34	7	504.91	7	858.97	7	1,215.98	7	1,574.54	7	1,933.10	7	2,291.66	7	2,650.22	7	3,008.73	7	3,367.10
1/4	180.62	1/4	512.18	1/4	866.39	1/4	1,223.45	1/4	1,582.01	1/4	1,940.57	1/4	2,299.13	1/4	2,657.69	1/4	3,016.20	1/4	3,374.57
1/2	186.89	1/2	519.45	1/2	873.81	1/2	1,230.92	1/2	1,589.48	1/2	1,948.04	1/2	2,306.60	1/2	2,665.16	1/2	3,023.66	1/2	3,382.03
3/4	193.17	3/4	526.71	3/4	881.23	3/4	1,238.39	3/4	1,596.95	3/4	1,955.51	3/4	2,314.07	3/4	2,672.63	3/4	3,031.13	3/4	3,389.50
8	199.45	8	533.98	8	888.65	8	1,245.86	8	1,604.42	8	1,962.98	8	2,321.54	8	2,680.10	8	3,038.60	8	3,396.96
1/4	205.81	1/4	541.25	1/4	896.07	1/4	1,253.33	1/4	1,611.89	1/4	1,970.45	1/4	2,329.01	1/4	2,687.57	1/4	3,046.06	1/4	3,404.43
1/2	212.18	1/2	548.52	1/2	903.49	1/2	1,260.80	1/2	1,619.36	1/2	1,977.92	1/2	2,336.48	1/2	2,695.04	1/2	3,053.53	1/2	3,411.90
3/4	218.54	3/4	555.79	3/4	910.91	3/4	1,268.27	3/4	1,626.83	3/4	1,985.39	3/4	2,343.95	3/4	2,702.51	3/4	3,060.99	3/4	3,419.36
9	224.91	9	563.06	9	918.32	9	1,275.74	9	1,634.30	9	1,992.86	9	2,351.42	9	2,709.98	9	3,068.46	9	3,426.83
1/4	231.36	1/4	570.32	1/4	925.74	1/4	1,283.21	1/4	1,641.77	1/4	2,000.33	1/4	2,358.89	1/4	2,717.45	1/4	3,075.93	1/4	3,434.29
1/2	238.02	1/2	577.59	1/2	933.16	1/2	1,290.68	1/2	1,649.24	1/2	2,007.80	1/2	2,366.36	1/2	2,724.92	1/2	3,083.39	1/2	3,441.76
3/4	244.67	3/4	584.86	3/4	940.58	3/4	1,298.15	3/4	1,656.71	3/4	2,015.27	3/4	2,373.83	3/4	2,732.39	3/4	3,090.86	3/4	3,449.23
10	251.33	10	592.13	10	948.00	10	1,305.62	10	1,664.18	10	2,022.74	10	2,381.30	10	2,739.86	10	3,098.32	10	3,456.69
1/4	258.07	1/4	599.40	1/4	955.42	1/4	1,313.09	1/4	1,671.65	1/4	2,030.21	1/4	2,388.77	1/4	2,747.33	1/4	3,105.79	1/4	3,464.16
1/2	264.82	1/2	606.66	1/2	962.84	1/2	1,320.56	1/2	1,679.12	1/2	2,037.68	1/2	2,396.24	1/2	2,754.80	1/2	3,113.26	1/2	3,471.62
3/4	271.56	3/4	613.93	3/4	970.26	3/4	1,328.03	3/4	1,686.59	3/4	2,045.15	3/4	2,403.71	3/4	2,762.27	3/4	3,120.72	3/4	3,479.09
11	278.30	11	621.20	11	977.68	11	1,335.50	11	1,694.06	11	2,052.62	11	2,411.18	11	2,769.74	11	3,128.19	11	3,486.56
1/4	285.13	1/4	628.47	1/4	985.10	1/4	1,342.97	1/4	1,701.53	1/4	2,060.09	1/4	2,418.65	1/4	2,777.21	1/4	3,135.65	1/4	3,494.02
1/2	291.96	1/2	635.74	1/2	992.52	1/2	1,350.44	1/2	1,709.00	1/2	2,067.56	1/2	2,426.12	1/2	2,784.68	1/2	3,143.12	1/2	3,501.49
3/4	298.80	3/4	643.01	3/4	999.94	3/4	1,357.91	3/4	1,716.47	3/4	2,075.03	3/4	2,433.59	3/4	2,792.15	3/4	3,150.59	3/4	3,508.95

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 8" HATCH.
GAUGE POINT: (8" HATCH) LOCATED 12'-09" OFF CENTERLINE AND 41'-11" FORWARD OF AFT BULKHEAD.

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

BARGE "SMI 30035"

1 PORT
INNAGE TABLE
8" HATCH

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 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	3,516.42	0	3,874.79	0	4,233.16	0	4,590.72	0	4,945.95	0		0		0		0		0	
1/4	3,523.89	1/4	3,882.25	1/4	4,240.62	1/4	4,598.17	1/4	4,952.56	1/4		1/4		1/4		1/4		1/4	
1/2	3,531.35	1/2	3,889.72	1/2	4,248.09	1/2	4,605.61	1/2	4,959.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,538.82	3/4	3,897.19	3/4	4,255.55	3/4	4,613.06	3/4	4,965.77	3/4		3/4		3/4		3/4		3/4	
1	3,546.28	1	3,904.65	1	4,263.02	1	4,620.50	1	4,972.38	1		1		1		1		1	
1/4	3,553.75	1/4	3,912.12	1/4	4,270.49	1/4	4,627.93	1/4	4,977.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,561.22	1/2	3,919.58	1/2	4,277.95	1/2	4,635.37	1/2	4,983.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,568.68	3/4	3,927.05	3/4	4,285.42	3/4	4,642.80	3/4	4,989.00	3/4		3/4		3/4		3/4		3/4	
2	3,576.15	2	3,934.52	2	4,292.88	2	4,650.24	2	4,994.55	2		2		2		2		2	
1/4	3,583.61	1/4	3,941.98	1/4	4,300.35	1/4	4,657.64	1/4	4,999.02	1/4		1/4		1/4		1/4		1/4	
1/2	3,591.08	1/2	3,949.45	1/2	4,307.81	1/2	4,665.05	1/2	5,003.49	1/2		1/2		1/2		1/2		1/2	
3/4	3,598.55	3/4	3,956.91	3/4	4,315.27	3/4	4,672.45	3/4	5,007.97	3/4		3/4		3/4		3/4		3/4	
3	3,606.01	3	3,964.38	3	4,322.73	3	4,679.85	3		3		3		3		3		3	
1/4	3,613.48	1/4	3,971.85	1/4	4,330.17	1/4	4,687.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,620.94	1/2	3,979.31	1/2	4,337.62	1/2	4,694.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,628.41	3/4	3,986.78	3/4	4,345.06	3/4	4,702.07	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,635.88	4	3,994.24	4	4,352.50	4	4,709.47	4		4		4		4		4		4	
1/4	3,643.34	1/4	4,001.71	1/4	4,359.95	1/4	4,716.88	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,650.81	1/2	4,009.18	1/2	4,367.39	1/2	4,724.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,658.27	3/4	4,016.64	3/4	4,374.84	3/4	4,731.69	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,665.74	5	4,024.11	5	4,382.28	5	4,739.09	5		5		5		5		5		5	
1/4	3,673.21	1/4	4,031.57	1/4	4,389.73	1/4	4,746.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,680.67	1/2	4,039.04	1/2	4,397.17	1/2	4,753.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,688.14	3/4	4,046.51	3/4	4,404.62	3/4	4,761.30	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,695.60	6	4,053.97	6	4,412.06	6	4,768.71	6		6		6		6		6		6	
1/4	3,703.07	1/4	4,061.44	1/4	4,419.50	1/4	4,776.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,710.54	1/2	4,068.90	1/2	4,426.95	1/2	4,783.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,718.00	3/4	4,076.37	3/4	4,434.39	3/4	4,790.92	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,725.47	7	4,083.84	7	4,441.84	7	4,798.33	7		7		7		7		7		7	
1/4	3,732.93	1/4	4,091.30	1/4	4,449.28	1/4	4,805.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,740.40	1/2	4,098.77	1/2	4,456.73	1/2	4,813.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,747.87	3/4	4,106.23	3/4	4,464.17	3/4	4,820.54	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,755.33	8	4,113.70	8	4,471.61	8	4,827.95	8		8		8		8		8		8	
1/4	3,762.80	1/4	4,121.17	1/4	4,479.06	1/4	4,835.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,770.26	1/2	4,128.63	1/2	4,486.50	1/2	4,842.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,777.73	3/4	4,136.10	3/4	4,493.95	3/4	4,850.18	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,785.20	9	4,143.56	9	4,501.39	9	4,857.58	9		9		9		9		9		9	
1/4	3,792.66	1/4	4,151.03	1/4	4,508.84	1/4	4,864.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,800.13	1/2	4,158.50	1/2	4,516.28	1/2	4,872.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,807.59	3/4	4,165.96	3/4	4,523.72	3/4	4,879.81	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,815.06	10	4,173.43	10	4,531.17	10	4,887.22	10		10		10		10		10		10	
1/4	3,822.53	1/4	4,180.89	1/4	4,538.61	1/4	4,894.63	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,829.99	1/2	4,188.36	1/2	4,546.06	1/2	4,902.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,837.46	3/4	4,195.83	3/4	4,553.50	3/4	4,909.44	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,844.92	11	4,203.29	11	4,560.95	11	4,916.85	11		11		11		11		11		11	
1/4	3,852.39	1/4	4,210.76	1/4	4,568.39	1/4	4,924.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,859.86	1/2	4,218.22	1/2	4,575.83	1/2	4,931.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,867.32	3/4	4,225.69	3/4	4,583.28	3/4	4,938.68	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/13/2012 CL - SW
CALCULATED: 08/14/2012 CL
PRINTED: 08/15/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2012

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

BARGE "SMI 30035"

1 STBD

INNAGE TABLE

8" HATCH

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 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	18.75	0	305.55	0	650.25	0	1,008.27	0	1,366.69	0	1,725.16	0	2,083.63	0	2,442.09	0	2,800.56	0	3,158.89
1/4	22.28	1/4	312.47	1/4	657.72	1/4	1,015.73	1/4	1,374.16	1/4	1,732.63	1/4	2,091.09	1/4	2,449.56	1/4	2,808.03	1/4	3,166.36
1/2	25.81	1/2	319.39	1/2	665.19	1/2	1,023.19	1/2	1,381.62	1/2	1,740.09	1/2	2,098.56	1/2	2,457.03	1/2	2,815.50	1/2	3,173.82
3/4	29.33	3/4	326.30	3/4	672.66	3/4	1,030.66	3/4	1,389.09	3/4	1,747.56	3/4	2,106.03	3/4	2,464.50	3/4	2,822.97	3/4	3,181.29
1	32.86	1	333.22	1	680.12	1	1,038.11	1	1,396.56	1	1,755.03	1	2,113.50	1	2,471.97	1	2,830.44	1	3,188.75
1/4	38.11	1/4	340.23	1/4	687.59	1/4	1,045.58	1/4	1,404.03	1/4	1,762.50	1/4	2,120.97	1/4	2,479.44	1/4	2,837.90	1/4	3,196.21
1/2	43.36	1/2	347.23	1/2	695.06	1/2	1,053.04	1/2	1,411.50	1/2	1,769.97	1/2	2,128.43	1/2	2,486.90	1/2	2,845.37	1/2	3,203.68
3/4	48.61	3/4	354.24	3/4	702.53	3/4	1,060.50	3/4	1,418.97	3/4	1,777.43	3/4	2,135.90	3/4	2,494.37	3/4	2,852.84	3/4	3,211.14
2	53.86	2	361.24	2	709.99	2	1,067.96	2	1,426.43	2	1,784.90	2	2,143.37	2	2,501.84	2	2,860.31	2	3,218.61
1/4	59.89	1/4	368.34	1/4	717.46	1/4	1,075.43	1/4	1,433.90	1/4	1,792.37	1/4	2,150.84	1/4	2,509.31	1/4	2,867.78	1/4	3,226.07
1/2	65.73	1/2	375.43	1/2	724.93	1/2	1,082.90	1/2	1,441.37	1/2	1,799.84	1/2	2,158.31	1/2	2,516.78	1/2	2,875.24	1/2	3,233.53
3/4	71.57	3/4	382.53	3/4	732.40	3/4	1,090.37	3/4	1,448.84	3/4	1,807.31	3/4	2,165.78	3/4	2,524.24	3/4	2,882.71	3/4	3,241.00
3	77.40	3	389.62	3	739.87	3	1,097.84	3	1,456.31	3	1,814.77	3	2,173.24	3	2,531.71	3	2,890.18	3	3,248.46
1/4	83.33	1/4	396.80	1/4	747.33	1/4	1,105.30	1/4	1,463.77	1/4	1,822.24	1/4	2,180.71	1/4	2,539.18	1/4	2,897.65	1/4	3,256.93
1/2	89.25	1/2	403.98	1/2	754.79	1/2	1,112.77	1/2	1,471.24	1/2	1,829.71	1/2	2,188.18	1/2	2,546.65	1/2	2,905.11	1/2	3,263.39
3/4	95.17	3/4	411.17	3/4	762.26	3/4	1,120.24	3/4	1,478.71	3/4	1,837.18	3/4	2,195.65	3/4	2,554.12	3/4	2,912.58	3/4	3,270.86
4	101.10	4	418.35	4	769.72	4	1,127.71	4	1,486.18	4	1,844.65	4	2,203.12	4	2,561.58	4	2,920.04	4	3,278.32
1/4	107.11	1/4	425.62	1/4	777.18	1/4	1,135.18	1/4	1,493.65	1/4	1,852.11	1/4	2,210.58	1/4	2,569.05	1/4	2,927.51	1/4	3,285.78
1/2	113.12	1/2	432.89	1/2	784.63	1/2	1,142.65	1/2	1,501.11	1/2	1,859.58	1/2	2,218.05	1/2	2,576.52	1/2	2,934.97	1/2	3,293.25
3/4	119.13	3/4	440.16	3/4	792.09	3/4	1,150.11	3/4	1,508.58	3/4	1,867.05	3/4	2,225.52	3/4	2,583.99	3/4	2,942.44	3/4	3,300.71
5	125.14	5	447.23	5	799.54	5	1,157.58	5	1,516.05	5	1,874.52	5	2,232.99	5	2,591.46	5	2,949.90	5	3,308.18
1/4	131.24	1/4	454.38	1/4	806.99	1/4	1,165.05	1/4	1,523.52	1/4	1,881.99	1/4	2,240.46	1/4	2,598.92	1/4	2,957.36	1/4	3,315.64
1/2	137.34	1/2	461.54	1/2	814.45	1/2	1,172.52	1/2	1,530.99	1/2	1,889.46	1/2	2,247.92	1/2	2,606.39	1/2	2,964.83	1/2	3,323.10
3/4	143.44	3/4	468.69	3/4	821.90	3/4	1,179.99	3/4	1,538.45	3/4	1,896.92	3/4	2,255.39	3/4	2,613.86	3/4	2,972.29	3/4	3,330.57
6	149.54	6	475.85	6	829.36	6	1,187.45	6	1,545.92	6	1,904.39	6	2,262.86	6	2,621.33	6	2,979.76	6	3,338.03
1/4	155.73	1/4	483.08	1/4	836.81	1/4	1,194.92	1/4	1,553.39	1/4	1,911.86	1/4	2,270.33	1/4	2,628.80	1/4	2,987.22	1/4	3,345.50
1/2	161.92	1/2	490.31	1/2	844.27	1/2	1,202.39	1/2	1,560.86	1/2	1,919.33	1/2	2,277.80	1/2	2,636.27	1/2	2,994.68	1/2	3,352.96
3/4	168.11	3/4	497.54	3/4	851.72	3/4	1,209.86	3/4	1,568.33	3/4	1,926.80	3/4	2,285.26	3/4	2,643.73	3/4	3,002.15	3/4	3,360.42
7	174.29	7	504.78	7	859.17	7	1,217.33	7	1,575.80	7	1,934.26	7	2,292.73	7	2,651.20	7	3,009.61	7	3,367.89
1/4	180.57	1/4	512.04	1/4	866.63	1/4	1,224.79	1/4	1,583.26	1/4	1,941.73	1/4	2,300.20	1/4	2,658.67	1/4	3,017.08	1/4	3,375.35
1/2	186.85	1/2	519.29	1/2	874.08	1/2	1,232.26	1/2	1,590.73	1/2	1,949.20	1/2	2,307.67	1/2	2,666.14	1/2	3,024.54	1/2	3,382.82
3/4	193.12	3/4	526.55	3/4	881.54	3/4	1,239.73	3/4	1,598.20	3/4	1,956.67	3/4	2,315.14	3/4	2,673.61	3/4	3,032.00	3/4	3,390.28
8	199.40	8	533.81	8	888.99	8	1,247.20	8	1,605.67	8	1,964.14	8	2,322.61	8	2,681.07	8	3,039.47	8	3,397.75
1/4	205.76	1/4	541.07	1/4	896.44	1/4	1,254.67	1/4	1,613.14	1/4	1,971.60	1/4	2,330.07	1/4	2,688.54	1/4	3,046.93	1/4	3,405.21
1/2	212.13	1/2	548.33	1/2	903.90	1/2	1,262.13	1/2	1,620.60	1/2	1,979.07	1/2	2,337.54	1/2	2,696.01	1/2	3,054.40	1/2	3,412.67
3/4	218.49	3/4	555.59	3/4	911.35	3/4	1,269.60	3/4	1,628.07	3/4	1,986.54	3/4	2,345.01	3/4	2,703.48	3/4	3,061.86	3/4	3,420.14
9	224.85	9	562.85	9	918.81	9	1,277.07	9	1,635.54	9	1,994.01	9	2,352.48	9	2,710.95	9	3,069.32	9	3,427.60
1/4	231.31	1/4	570.12	1/4	926.26	1/4	1,284.54	1/4	1,643.01	1/4	2,001.48	1/4	2,359.95	1/4	2,718.41	1/4	3,076.79	1/4	3,435.07
1/2	237.96	1/2	577.39	1/2	933.72	1/2	1,292.01	1/2	1,650.48	1/2	2,008.94	1/2	2,367.41	1/2	2,725.88	1/2	3,084.25	1/2	3,442.53
3/4	244.61	3/4	584.65	3/4	941.17	3/4	1,299.48	3/4	1,657.94	3/4	2,016.41	3/4	2,374.88	3/4	2,733.35	3/4	3,091.72	3/4	3,449.99
10	251.27	10	591.92	10	948.62	10	1,306.94	10	1,665.41	10	2,023.88	10	2,382.35	10	2,740.82	10	3,099.18	10	3,457.46
1/4	258.01	1/4	599.19	1/4	956.08	1/4	1,314.41	1/4	1,672.88	1/4	2,031.35	1/4	2,389.82	1/4	2,748.29	1/4	3,106.65	1/4	3,464.92
1/2	264.75	1/2	606.45	1/2	963.53	1/2	1,321.88	1/2	1,680.35	1/2	2,038.82	1/2	2,397.29	1/2	2,755.75	1/2	3,114.11	1/2	3,472.39
3/4	271.49	3/4	613.72	3/4	970.99	3/4	1,329.35	3/4	1,687.82	3/4	2,046.29	3/4	2,404.75	3/4	2,763.22	3/4	3,121.57	3/4	3,479.85
11	278.23	11	620.98	11	978.44	11	1,336.82	11	1,695.28	11	2,053.75	11	2,412.22	11	2,770.69	11	3,129.04	11	3,487.31
1/4	285.06	1/4	628.25	1/4	985.90	1/4	1,344.28	1/4	1,702.75	1/4	2,061.22	1/4	2,419.69	1/4	2,778.16	1/4	3,136.50	1/4	3,494.78
1/2	291.89	1/2	635.52	1/2	993.35	1/2	1,351.75	1/2	1,710.22	1/2	2,068.69	1/2	2,427.16	1/2	2,785.63	1/2	3,143.97	1/2	3,502.24
3/4	298.72	3/4	642.78	3/4	1,000.81	3/4	1,359.22	3/4	1,717.69	3/4	2,076.16	3/4	2,434.63	3/4	2,793.10	3/4	3,151.43	3/4	3,509.71

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 8" HATCH.
GAUGE POINT: (8" HATCH) LOCATED 12'-09" OFF CENTERLINE AND 41'-11" FORWARD OF AFT BULKHEAD.

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

BARGE "SMI 30035"

1 STBD

INNAGE TABLE

8" HATCH

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 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	3,517.17	0	3,875.45	0	4,233.72	0	4,591.19	0	4,946.33	0		0		0		0		0	
1/4	3,524.63	1/4	3,882.91	1/4	4,241.19	1/4	4,598.63	1/4	4,952.93	1/4		1/4		1/4		1/4		1/4	
1/2	3,532.10	1/2	3,890.38	1/2	4,248.65	1/2	4,606.07	1/2	4,959.54	1/2		1/2		1/2		1/2		1/2	
3/4	3,539.56	3/4	3,897.84	3/4	4,256.12	3/4	4,613.52	3/4	4,966.14	3/4		3/4		3/4		3/4		3/4	
1	3,547.03	1	3,905.30	1	4,263.58	1	4,620.96	1	4,972.75	1		1		1		1		1	
1/4	3,554.49	1/4	3,912.77	1/4	4,271.04	1/4	4,628.39	1/4	4,978.29	1/4		1/4		1/4		1/4		1/4	
1/2	3,561.96	1/2	3,920.23	1/2	4,278.51	1/2	4,635.82	1/2	4,983.83	1/2		1/2		1/2		1/2		1/2	
3/4	3,569.42	3/4	3,927.70	3/4	4,285.97	3/4	4,643.25	3/4	4,989.37	3/4		3/4		3/4		3/4		3/4	
2	3,576.88	2	3,935.16	2	4,293.44	2	4,650.69	2	4,994.91	2		2		2		2		2	
1/4	3,584.35	1/4	3,942.62	1/4	4,300.89	1/4	4,658.09	1/4	4,999.38	1/4		1/4		1/4		1/4		1/4	
1/2	3,591.81	1/2	3,950.09	1/2	4,308.35	1/2	4,665.49	1/2	5,003.85	1/2		1/2		1/2		1/2		1/2	
3/4	3,599.28	3/4	3,957.55	3/4	4,315.81	3/4	4,672.89	3/4	5,008.32	3/4		3/4		3/4		3/4		3/4	
3	3,606.74	3	3,965.02	3	4,323.26	3	4,680.30	3		3		3		3		3		3	
1/4	3,614.20	1/4	3,972.48	1/4	4,330.71	1/4	4,687.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,621.67	1/2	3,979.94	1/2	4,338.15	1/2	4,695.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,629.13	3/4	3,987.41	3/4	4,345.59	3/4	4,702.50	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,636.60	4	3,994.87	4	4,353.03	4	4,709.91	4		4		4		4		4		4	
1/4	3,644.06	1/4	4,002.34	1/4	4,360.48	1/4	4,717.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,651.52	1/2	4,009.80	1/2	4,367.92	1/2	4,724.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,658.99	3/4	4,017.27	3/4	4,375.36	3/4	4,732.12	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,666.45	5	4,024.73	5	4,382.80	5	4,739.52	5		5		5		5		5		5	
1/4	3,673.92	1/4	4,032.19	1/4	4,390.25	1/4	4,746.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,681.38	1/2	4,039.66	1/2	4,397.69	1/2	4,754.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,688.85	3/4	4,047.12	3/4	4,405.13	3/4	4,761.73	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,696.31	6	4,054.59	6	4,412.57	6	4,769.13	6		6		6		6		6		6	
1/4	3,703.77	1/4	4,062.05	1/4	4,420.01	1/4	4,776.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,711.24	1/2	4,069.51	1/2	4,427.46	1/2	4,783.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,718.70	3/4	4,076.98	3/4	4,434.90	3/4	4,791.34	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,726.17	7	4,084.44	7	4,442.34	7	4,798.74	7		7		7		7		7		7	
1/4	3,733.63	1/4	4,091.91	1/4	4,449.78	1/4	4,806.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,741.09	1/2	4,099.37	1/2	4,457.23	1/2	4,813.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,748.56	3/4	4,106.83	3/4	4,464.67	3/4	4,820.95	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,756.02	8	4,114.30	8	4,472.11	8	4,828.35	8		8		8		8		8		8	
1/4	3,763.49	1/4	4,121.76	1/4	4,479.55	1/4	4,835.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,770.95	1/2	4,129.23	1/2	4,487.00	1/2	4,843.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,778.41	3/4	4,136.69	3/4	4,494.44	3/4	4,850.57	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,785.88	9	4,144.16	9	4,501.88	9	4,857.98	9		9		9		9		9		9	
1/4	3,793.34	1/4	4,151.62	1/4	4,509.32	1/4	4,865.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,800.81	1/2	4,159.08	1/2	4,516.77	1/2	4,872.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,808.27	3/4	4,166.55	3/4	4,524.21	3/4	4,880.20	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,815.73	10	4,174.01	10	4,531.65	10	4,887.61	10		10		10		10		10		10	
1/4	3,823.20	1/4	4,181.48	1/4	4,539.09	1/4	4,895.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,830.66	1/2	4,188.94	1/2	4,546.54	1/2	4,902.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,838.13	3/4	4,196.40	3/4	4,553.98	3/4	4,909.83	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,845.59	11	4,203.87	11	4,561.42	11	4,917.23	11		11		11		11		11		11	
1/4	3,853.06	1/4	4,211.33	1/4	4,568.86	1/4	4,924.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,860.52	1/2	4,218.80	1/2	4,576.31	1/2	4,931.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,867.98	3/4	4,226.26	3/4	4,583.75	3/4	4,939.05	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/13/2012 CL - SW
CALCULATED: 08/14/2012 CL
PRINTED: 08/15/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2012

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

BARGE "SMI 30035"

2 PORT
INNAGE TABLE
8" HATCH

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 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	20.42	0	361.76	0	715.26	0	1,064.39	0	1,419.22	0	1,778.39	0	2,137.56	0	2,496.73	0	2,855.90	0	3,214.94
1/4	25.56	1/4	369.24	1/4	722.74	1/4	1,071.58	1/4	1,426.70	1/4	1,785.87	1/4	2,145.04	1/4	2,504.21	1/4	2,863.38	1/4	3,222.41
1/2	30.71	1/2	376.72	1/2	730.22	1/2	1,078.76	1/2	1,434.18	1/2	1,793.35	1/2	2,152.52	1/2	2,511.69	1/2	2,870.86	1/2	3,229.89
3/4	35.85	3/4	384.21	3/4	737.70	3/4	1,085.95	3/4	1,441.67	3/4	1,800.84	3/4	2,160.01	3/4	2,519.18	3/4	2,878.35	3/4	3,237.37
1	41.00	1	391.69	1	745.19	1	1,093.13	1	1,449.15	1	1,808.32	1	2,167.49	1	2,526.66	1	2,885.83	1	3,244.85
1/4	47.78	1/4	399.17	1/4	752.67	1/4	1,100.32	1/4	1,456.63	1/4	1,815.80	1/4	2,174.97	1/4	2,534.14	1/4	2,893.31	1/4	3,252.33
1/2	54.56	1/2	406.65	1/2	760.15	1/2	1,107.51	1/2	1,464.12	1/2	1,823.29	1/2	2,182.45	1/2	2,541.62	1/2	2,900.79	1/2	3,259.81
3/4	61.34	3/4	414.14	3/4	767.63	3/4	1,114.70	3/4	1,471.60	3/4	1,830.77	3/4	2,189.94	3/4	2,549.11	3/4	2,908.28	3/4	3,267.29
2	68.12	2	421.62	2	775.12	2	1,121.89	2	1,479.08	2	1,838.25	2	2,197.42	2	2,556.59	2	2,915.76	2	3,274.77
1/4	75.60	1/4	429.10	1/4	782.60	1/4	1,129.09	1/4	1,486.56	1/4	1,845.73	1/4	2,204.90	1/4	2,564.07	1/4	2,923.24	1/4	3,282.24
1/2	82.88	1/2	436.58	1/2	790.08	1/2	1,136.29	1/2	1,494.05	1/2	1,853.22	1/2	2,212.39	1/2	2,571.56	1/2	2,930.72	1/2	3,289.72
3/4	90.16	3/4	444.07	3/4	797.56	3/4	1,143.49	3/4	1,501.53	3/4	1,860.70	3/4	2,219.87	3/4	2,579.04	3/4	2,938.21	3/4	3,297.20
3	97.44	3	451.55	3	805.05	3	1,150.69	3	1,509.01	3	1,868.18	3	2,227.35	3	2,586.52	3	2,945.69	3	3,304.68
1/4	104.72	1/4	459.03	1/4	812.45	1/4	1,157.96	1/4	1,516.49	1/4	1,875.66	1/4	2,234.83	1/4	2,594.00	1/4	2,953.17	1/4	3,312.16
1/2	112.00	1/2	466.51	1/2	819.86	1/2	1,165.23	1/2	1,523.98	1/2	1,883.15	1/2	2,242.32	1/2	2,601.49	1/2	2,960.65	1/2	3,319.64
3/4	119.28	3/4	474.00	3/4	827.27	3/4	1,172.50	3/4	1,531.46	3/4	1,890.63	3/4	2,249.80	3/4	2,608.97	3/4	2,968.14	3/4	3,327.12
4	126.56	4	481.48	4	834.67	4	1,179.77	4	1,538.94	4	1,898.11	4	2,257.28	4	2,616.45	4	2,975.62	4	3,334.59
1/4	133.84	1/4	488.96	1/4	841.85	1/4	1,187.26	1/4	1,546.43	1/4	1,905.60	1/4	2,264.76	1/4	2,623.93	1/4	2,983.10	1/4	3,342.07
1/2	141.13	1/2	496.44	1/2	849.03	1/2	1,194.74	1/2	1,553.91	1/2	1,913.08	1/2	2,272.25	1/2	2,631.42	1/2	2,990.57	1/2	3,349.55
3/4	148.41	3/4	503.93	3/4	856.21	3/4	1,202.22	3/4	1,561.39	3/4	1,920.56	3/4	2,279.73	3/4	2,638.90	3/4	2,998.05	3/4	3,357.03
5	155.69	5	511.21	5	863.39	5	1,209.70	5	1,568.87	5	1,928.04	5	2,287.21	5	2,646.38	5	3,005.53	5	3,364.51
1/4	162.97	1/4	518.49	1/4	870.57	1/4	1,217.19	1/4	1,576.36	1/4	1,935.53	1/4	2,294.70	1/4	2,653.87	1/4	3,013.01	1/4	3,371.99
1/2	170.25	1/2	525.77	1/2	877.74	1/2	1,224.67	1/2	1,583.84	1/2	1,943.01	1/2	2,302.18	1/2	2,661.35	1/2	3,020.49	1/2	3,379.47
3/4	177.53	3/4	533.05	3/4	884.92	3/4	1,232.15	3/4	1,591.32	3/4	1,950.49	3/4	2,309.66	3/4	2,668.83	3/4	3,027.97	3/4	3,386.95
6	184.81	6	540.33	6	892.10	6	1,239.63	6	1,598.80	6	1,957.97	6	2,317.14	6	2,676.31	6	3,035.45	6	3,394.42
1/4	192.09	1/4	547.61	1/4	899.28	1/4	1,247.12	1/4	1,606.29	1/4	1,965.46	1/4	2,324.63	1/4	2,683.80	1/4	3,042.93	1/4	3,401.90
1/2	199.37	1/2	554.89	1/2	906.46	1/2	1,254.60	1/2	1,613.77	1/2	1,972.94	1/2	2,332.11	1/2	2,691.28	1/2	3,050.40	1/2	3,409.38
3/4	206.65	3/4	562.17	3/4	913.64	3/4	1,262.08	3/4	1,621.25	3/4	1,980.42	3/4	2,339.59	3/4	2,698.76	3/4	3,057.88	3/4	3,416.86
7	213.93	7	569.45	7	920.81	7	1,269.57	7	1,628.74	7	1,987.90	7	2,347.07	7	2,706.24	7	3,065.36	7	3,424.34
1/4	221.21	1/4	576.73	1/4	927.99	1/4	1,277.05	1/4	1,636.22	1/4	1,995.39	1/4	2,354.56	1/4	2,713.73	1/4	3,072.84	1/4	3,431.82
1/2	228.49	1/2	584.01	1/2	935.17	1/2	1,284.53	1/2	1,643.70	1/2	2,002.87	1/2	2,362.04	1/2	2,721.21	1/2	3,080.32	1/2	3,439.30
3/4	235.77	3/4	591.29	3/4	942.35	3/4	1,292.01	3/4	1,651.18	3/4	2,010.35	3/4	2,369.52	3/4	2,728.69	3/4	3,087.80	3/4	3,446.78
8	243.05	8	598.57	8	949.53	8	1,299.50	8	1,658.67	8	2,017.84	8	2,377.01	8	2,736.17	8	3,095.28	8	3,454.25
1/4	250.33	1/4	605.85	1/4	956.71	1/4	1,306.98	1/4	1,666.15	1/4	2,025.32	1/4	2,384.49	1/4	2,743.66	1/4	3,102.76	1/4	3,461.73
1/2	257.61	1/2	613.13	1/2	963.88	1/2	1,314.46	1/2	1,673.63	1/2	2,032.80	1/2	2,391.97	1/2	2,751.14	1/2	3,110.23	1/2	3,469.21
3/4	264.89	3/4	620.41	3/4	971.06	3/4	1,321.94	3/4	1,681.11	3/4	2,040.28	3/4	2,399.45	3/4	2,758.62	3/4	3,117.71	3/4	3,476.69
9	272.17	9	627.69	9	978.24	9	1,329.43	9	1,688.60	9	2,047.77	9	2,406.94	9	2,766.11	9	3,125.19	9	3,484.17
1/4	279.45	1/4	634.97	1/4	985.42	1/4	1,336.91	1/4	1,696.08	1/4	2,055.25	1/4	2,414.42	1/4	2,773.59	1/4	3,132.67	1/4	3,491.65
1/2	286.93	1/2	642.25	1/2	992.60	1/2	1,344.39	1/2	1,703.56	1/2	2,062.73	1/2	2,421.90	1/2	2,781.07	1/2	3,140.15	1/2	3,499.13
3/4	294.42	3/4	649.53	3/4	999.78	3/4	1,351.88	3/4	1,711.04	3/4	2,070.21	3/4	2,429.38	3/4	2,788.55	3/4	3,147.63	3/4	3,506.60
10	301.90	10	656.81	10	1,006.95	10	1,359.36	10	1,718.53	10	2,077.70	10	2,436.87	10	2,796.04	10	3,155.11	10	3,514.08
1/4	309.38	1/4	664.09	1/4	1,014.13	1/4	1,366.84	1/4	1,726.01	1/4	2,085.18	1/4	2,444.35	1/4	2,803.52	1/4	3,162.58	1/4	3,521.56
1/2	316.86	1/2	671.37	1/2	1,021.31	1/2	1,374.32	1/2	1,733.49	1/2	2,092.66	1/2	2,451.83	1/2	2,811.00	1/2	3,170.06	1/2	3,529.04
3/4	324.35	3/4	678.65	3/4	1,028.49	3/4	1,381.81	3/4	1,740.98	3/4	2,100.15	3/4	2,459.31	3/4	2,818.48	3/4	3,177.54	3/4	3,536.52
11	331.83	11	685.93	11	1,035.67	11	1,389.29	11	1,748.46	11	2,107.63	11	2,466.80	11	2,825.97	11	3,185.02	11	3,544.00
1/4	339.31	1/4	693.21	1/4	1,042.85	1/4	1,396.77	1/4	1,755.94	1/4	2,115.11	1/4	2,474.28	1/4	2,833.45	1/4	3,192.50	1/4	3,551.48
1/2	346.79	1/2	700.49	1/2	1,050.03	1/2	1,404.25	1/2	1,763.42	1/2	2,122.59	1/2	2,481.76	1/2	2,840.93	1/2	3,199.98	1/2	3,558.96
3/4	354.28	3/4	707.77	3/4	1,057.21	3/4	1,411.74	3/4	1,770.91	3/4	2,130.08	3/4	2,489.25	3/4	2,848.42	3/4	3,207.46	3/4	3,566.43

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 8" HATCH.
GAUGE POINT: (8" HATCH) LOCATED 12'-09" OFF CENTERLINE AND 41'-02" FORWARD OF AFT BULKHEAD.

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

BARGE "SMI 30035"

2 PORT
INNAGE TABLE
8" HATCH

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,573.91	0	3,932.89	0	4,291.87	0	4,650.04	0	5,005.87	0		0		0		0		0	
1/4	3,581.39	1/4	3,940.37	1/4	4,299.35	1/4	4,657.50	1/4	5,012.49	1/4		1/4		1/4		1/4		1/4	
1/2	3,588.87	1/2	3,947.85	1/2	4,306.83	1/2	4,664.95	1/2	5,019.11	1/2		1/2		1/2		1/2		1/2	
3/4	3,596.35	3/4	3,955.33	3/4	4,314.30	3/4	4,672.41	3/4	5,025.73	3/4		3/4		3/4		3/4		3/4	
1	3,603.83	1	3,962.81	1	4,321.78	1	4,679.87	1	5,032.35	1		1		1		1		1	
1/4	3,611.31	1/4	3,970.28	1/4	4,329.26	1/4	4,687.31	1/4	5,037.90	1/4		1/4		1/4		1/4		1/4	
1/2	3,618.79	1/2	3,977.76	1/2	4,336.74	1/2	4,694.76	1/2	5,043.45	1/2		1/2		1/2		1/2		1/2	
3/4	3,626.26	3/4	3,985.24	3/4	4,344.22	3/4	4,702.21	3/4	5,049.00	3/4		3/4		3/4		3/4		3/4	
2	3,633.74	2	3,992.72	2	4,351.70	2	4,709.65	2	5,054.55	2		2		2		2		2	
1/4	3,641.22	1/4	4,000.20	1/4	4,359.17	1/4	4,717.07	1/4	5,059.03	1/4		1/4		1/4		1/4		1/4	
1/2	3,648.70	1/2	4,007.68	1/2	4,366.64	1/2	4,724.49	1/2	5,063.51	1/2		1/2		1/2		1/2		1/2	
3/4	3,656.18	3/4	4,015.16	3/4	4,374.11	3/4	4,731.90	3/4	5,067.99	3/4		3/4		3/4		3/4		3/4	
3	3,663.66	3	4,022.64	3	4,381.59	3	4,739.32	3		3		3		3		3		3	
1/4	3,671.14	1/4	4,030.11	1/4	4,389.04	1/4	4,746.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,678.61	1/2	4,037.59	1/2	4,396.50	1/2	4,754.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,686.09	3/4	4,045.07	3/4	4,403.96	3/4	4,761.57	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,693.57	4	4,052.55	4	4,411.41	4	4,768.99	4		4		4		4		4		4	
1/4	3,701.05	1/4	4,060.03	1/4	4,418.87	1/4	4,776.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,708.53	1/2	4,067.51	1/2	4,426.33	1/2	4,783.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,716.01	3/4	4,074.99	3/4	4,433.79	3/4	4,791.24	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,723.49	5	4,082.46	5	4,441.24	5	4,798.66	5		5		5		5		5		5	
1/4	3,730.97	1/4	4,089.94	1/4	4,448.70	1/4	4,806.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,738.44	1/2	4,097.42	1/2	4,456.16	1/2	4,813.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,745.92	3/4	4,104.90	3/4	4,463.61	3/4	4,820.91	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,753.40	6	4,112.38	6	4,471.07	6	4,828.33	6		6		6		6		6		6	
1/4	3,760.88	1/4	4,119.86	1/4	4,478.53	1/4	4,835.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,768.36	1/2	4,127.34	1/2	4,485.98	1/2	4,843.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,775.84	3/4	4,134.82	3/4	4,493.44	3/4	4,850.58	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,783.32	7	4,142.29	7	4,500.90	7	4,858.00	7		7		7		7		7		7	
1/4	3,790.80	1/4	4,149.77	1/4	4,508.36	1/4	4,865.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,798.27	1/2	4,157.25	1/2	4,515.81	1/2	4,872.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,805.75	3/4	4,164.73	3/4	4,523.27	3/4	4,880.25	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,813.23	8	4,172.21	8	4,530.73	8	4,887.67	8		8		8		8		8		8	
1/4	3,820.71	1/4	4,179.69	1/4	4,538.18	1/4	4,895.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,828.19	1/2	4,187.17	1/2	4,545.64	1/2	4,902.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,835.67	3/4	4,194.65	3/4	4,553.10	3/4	4,909.93	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,843.15	9	4,202.12	9	4,560.55	9	4,917.36	9		9		9		9		9		9	
1/4	3,850.63	1/4	4,209.60	1/4	4,568.01	1/4	4,924.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,858.10	1/2	4,217.08	1/2	4,575.47	1/2	4,932.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,865.58	3/4	4,224.56	3/4	4,582.93	3/4	4,939.62	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,873.06	10	4,232.04	10	4,590.38	10	4,947.04	10		10		10		10		10		10	
1/4	3,880.54	1/4	4,239.52	1/4	4,597.84	1/4	4,954.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,888.02	1/2	4,247.00	1/2	4,605.30	1/2	4,961.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,895.50	3/4	4,254.47	3/4	4,612.75	3/4	4,969.30	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,902.98	11	4,261.95	11	4,620.21	11	4,976.72	11		11		11		11		11		11	
1/4	3,910.45	1/4	4,269.43	1/4	4,627.67	1/4	4,984.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,917.93	1/2	4,276.91	1/2	4,635.12	1/2	4,991.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,925.41	3/4	4,284.39	3/4	4,642.58	3/4	4,998.59	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/13/2012 CL - SW
CALCULATED: 08/14/2012 CL
PRINTED: 08/15/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2012

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

BARGE "SMI 30035"

2 STBD
INNAGE TABLE
8" HATCH

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	20.43	0	362.02	0	715.78	0	1,074.79	0	1,434.18	0	1,793.61	0	2,153.04	0	2,512.47	0	2,871.90	0	3,231.20
1/4	25.58	1/4	369.51	1/4	723.27	1/4	1,082.27	1/4	1,441.67	1/4	1,801.10	1/4	2,160.53	1/4	2,519.95	1/4	2,879.38	1/4	3,238.68
1/2	30.73	1/2	377.00	1/2	730.76	1/2	1,089.76	1/2	1,449.16	1/2	1,808.59	1/2	2,168.01	1/2	2,527.44	1/2	2,886.87	1/2	3,246.17
3/4	35.88	3/4	384.49	3/4	738.25	3/4	1,097.24	3/4	1,456.64	3/4	1,816.07	3/4	2,175.50	3/4	2,534.93	3/4	2,894.36	3/4	3,253.65
1	41.03	1	391.97	1	745.74	1	1,104.72	1	1,464.13	1	1,823.56	1	2,182.99	1	2,542.42	1	2,901.85	1	3,261.13
1/4	47.81	1/4	399.46	1/4	753.22	1/4	1,112.20	1/4	1,471.62	1/4	1,831.05	1/4	2,190.48	1/4	2,549.91	1/4	2,909.34	1/4	3,268.62
1/2	54.60	1/2	406.95	1/2	760.71	1/2	1,119.69	1/2	1,479.11	1/2	1,838.54	1/2	2,197.97	1/2	2,557.40	1/2	2,916.82	1/2	3,276.10
3/4	61.38	3/4	414.44	3/4	768.20	3/4	1,127.17	3/4	1,486.60	3/4	1,846.03	3/4	2,205.45	3/4	2,564.88	3/4	2,924.31	3/4	3,283.59
2	68.17	2	421.93	2	775.69	2	1,134.66	2	1,494.08	2	1,853.51	2	2,212.94	2	2,572.37	2	2,931.80	2	3,291.07
1/4	75.66	1/4	429.41	1/4	783.17	1/4	1,142.14	1/4	1,501.57	1/4	1,861.00	1/4	2,220.43	1/4	2,579.86	1/4	2,939.29	1/4	3,298.56
1/2	82.94	1/2	436.90	1/2	790.66	1/2	1,149.63	1/2	1,509.06	1/2	1,868.49	1/2	2,227.92	1/2	2,587.35	1/2	2,946.78	1/2	3,306.04
3/4	90.23	3/4	444.39	3/4	798.15	3/4	1,157.12	3/4	1,516.55	3/4	1,875.98	3/4	2,235.41	3/4	2,594.84	3/4	2,954.26	3/4	3,313.52
3	97.51	3	451.88	3	805.64	3	1,164.61	3	1,524.04	3	1,883.47	3	2,242.89	3	2,602.32	3	2,961.75	3	3,321.01
1/4	104.80	1/4	459.37	1/4	813.12	1/4	1,172.10	1/4	1,531.53	1/4	1,890.95	1/4	2,250.38	1/4	2,609.81	1/4	2,969.24	1/4	3,328.49
1/2	112.09	1/2	466.85	1/2	820.61	1/2	1,179.58	1/2	1,539.01	1/2	1,898.44	1/2	2,257.87	1/2	2,617.30	1/2	2,976.73	1/2	3,335.98
3/4	119.37	3/4	474.34	3/4	828.09	3/4	1,187.07	3/4	1,546.50	3/4	1,905.93	3/4	2,265.36	3/4	2,624.79	3/4	2,984.22	3/4	3,343.46
4	126.66	4	481.83	4	835.58	4	1,194.56	4	1,553.99	4	1,913.42	4	2,272.85	4	2,632.28	4	2,991.71	4	3,350.94
1/4	133.94	1/4	489.32	1/4	843.05	1/4	1,202.05	1/4	1,561.48	1/4	1,920.91	1/4	2,280.34	1/4	2,639.76	1/4	2,999.19	1/4	3,358.43
1/2	141.23	1/2	496.81	1/2	850.53	1/2	1,209.54	1/2	1,568.97	1/2	1,928.39	1/2	2,287.82	1/2	2,647.25	1/2	3,006.68	1/2	3,365.91
3/4	148.51	3/4	504.29	3/4	858.00	3/4	1,217.03	3/4	1,576.45	3/4	1,935.88	3/4	2,295.31	3/4	2,654.74	3/4	3,014.16	3/4	3,373.40
5	155.80	5	511.58	5	865.48	5	1,224.51	5	1,583.94	5	1,943.37	5	2,302.80	5	2,662.23	5	3,021.64	5	3,380.88
1/4	163.09	1/4	518.87	1/4	872.95	1/4	1,232.00	1/4	1,591.43	1/4	1,950.86	1/4	2,310.29	1/4	2,669.72	1/4	3,029.13	1/4	3,388.36
1/2	170.37	1/2	526.15	1/2	880.43	1/2	1,239.49	1/2	1,598.92	1/2	1,958.35	1/2	2,317.78	1/2	2,677.20	1/2	3,036.61	1/2	3,395.85
3/4	177.66	3/4	533.44	3/4	887.90	3/4	1,246.98	3/4	1,606.41	3/4	1,965.84	3/4	2,325.26	3/4	2,684.69	3/4	3,044.10	3/4	3,403.33
6	184.94	6	540.72	6	895.38	6	1,254.47	6	1,613.89	6	1,973.32	6	2,332.75	6	2,692.18	6	3,051.58	6	3,410.82
1/4	192.23	1/4	548.01	1/4	902.85	1/4	1,261.95	1/4	1,621.38	1/4	1,980.81	1/4	2,340.24	1/4	2,699.67	1/4	3,059.06	1/4	3,418.30
1/2	199.51	1/2	555.29	1/2	910.33	1/2	1,269.44	1/2	1,628.87	1/2	1,988.30	1/2	2,347.73	1/2	2,707.16	1/2	3,066.55	1/2	3,425.78
3/4	206.80	3/4	562.58	3/4	917.80	3/4	1,276.93	3/4	1,636.36	3/4	1,995.79	3/4	2,355.22	3/4	2,714.65	3/4	3,074.03	3/4	3,433.27
7	214.09	7	569.87	7	925.28	7	1,284.42	7	1,643.85	7	2,003.28	7	2,362.70	7	2,722.13	7	3,081.52	7	3,440.75
1/4	221.37	1/4	577.15	1/4	932.76	1/4	1,291.91	1/4	1,651.34	1/4	2,010.76	1/4	2,370.19	1/4	2,729.62	1/4	3,089.00	1/4	3,448.24
1/2	228.66	1/2	584.44	1/2	940.23	1/2	1,299.39	1/2	1,658.82	1/2	2,018.25	1/2	2,377.68	1/2	2,737.11	1/2	3,096.48	1/2	3,455.72
3/4	235.94	3/4	591.72	3/4	947.71	3/4	1,306.88	3/4	1,666.31	3/4	2,025.74	3/4	2,385.17	3/4	2,744.60	3/4	3,103.97	3/4	3,463.21
8	243.23	8	599.01	8	955.18	8	1,314.37	8	1,673.80	8	2,033.23	8	2,392.66	8	2,752.09	8	3,111.45	8	3,470.69
1/4	250.51	1/4	606.29	1/4	962.66	1/4	1,321.86	1/4	1,681.29	1/4	2,040.72	1/4	2,400.15	1/4	2,759.57	1/4	3,118.94	1/4	3,478.17
1/2	257.80	1/2	613.58	1/2	970.13	1/2	1,329.35	1/2	1,688.78	1/2	2,048.20	1/2	2,407.63	1/2	2,767.06	1/2	3,126.42	1/2	3,485.66
3/4	265.09	3/4	620.87	3/4	977.61	3/4	1,336.83	3/4	1,696.26	3/4	2,055.69	3/4	2,415.12	3/4	2,774.55	3/4	3,133.90	3/4	3,493.14
9	272.37	9	628.15	9	985.08	9	1,344.32	9	1,703.75	9	2,063.18	9	2,422.61	9	2,782.04	9	3,141.39	9	3,500.63
1/4	279.66	1/4	635.44	1/4	992.56	1/4	1,351.81	1/4	1,711.24	1/4	2,070.67	1/4	2,430.10	1/4	2,789.53	1/4	3,148.87	1/4	3,508.11
1/2	287.14	1/2	642.72	1/2	1,000.03	1/2	1,359.30	1/2	1,718.73	1/2	2,078.16	1/2	2,437.59	1/2	2,797.01	1/2	3,156.36	1/2	3,515.59
3/4	294.63	3/4	650.01	3/4	1,007.51	3/4	1,366.79	3/4	1,726.22	3/4	2,085.64	3/4	2,445.07	3/4	2,804.50	3/4	3,163.84	3/4	3,523.08
10	302.12	10	657.30	10	1,014.98	10	1,374.28	10	1,733.70	10	2,093.13	10	2,452.56	10	2,811.99	10	3,171.33	10	3,530.56
1/4	309.61	1/4	664.58	1/4	1,022.46	1/4	1,381.76	1/4	1,741.19	1/4	2,100.62	1/4	2,460.05	1/4	2,819.48	1/4	3,178.81	1/4	3,538.05
1/2	317.10	1/2	671.87	1/2	1,029.93	1/2	1,389.25	1/2	1,748.68	1/2	2,108.11	1/2	2,467.54	1/2	2,826.97	1/2	3,186.29	1/2	3,545.53
3/4	324.58	3/4	679.15	3/4	1,037.41	3/4	1,396.74	3/4	1,756.17	3/4	2,115.60	3/4	2,475.03	3/4	2,834.45	3/4	3,193.78	3/4	3,553.01
11	332.07	11	686.44	11	1,044.88	11	1,404.23	11	1,763.66	11	2,123.09	11	2,482.51	11	2,841.94	11	3,201.26	11	3,560.50
1/4	339.56	1/4	693.72	1/4	1,052.36	1/4	1,411.72	1/4	1,771.14	1/4	2,130.57	1/4	2,490.00	1/4	2,849.43	1/4	3,208.75	1/4	3,567.98
1/2	347.05	1/2	701.01	1/2	1,059.84	1/2	1,419.20	1/2	1,778.63	1/2	2,138.06	1/2	2,497.49	1/2	2,856.92	1/2	3,216.23	1/2	3,575.47
3/4	354.54	3/4	708.30	3/4	1,067.31	3/4	1,426.69	3/4	1,786.12	3/4	2,145.55	3/4	2,504.98	3/4	2,864.41	3/4	3,223.71	3/4	3,582.95

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 8" HATCH.
GAUGE POINT: (8" HATCH) LOCATED 12'-09" OFF CENTERLINE AND 41'-02" FORWARD OF AFT BULKHEAD.

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

BARGE "SMI 30035"

2 STBD
INNAGE TABLE
8" HATCH

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03"

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	3,590.43	0	3,949.67	0	4,308.91	0	4,667.34	0	5,023.44	0		0		0		0		0	
1/4	3,597.92	1/4	3,957.16	1/4	4,316.39	1/4	4,674.80	1/4	5,030.06	1/4		1/4		1/4		1/4		1/4	
1/2	3,605.40	1/2	3,964.64	1/2	4,323.88	1/2	4,682.27	1/2	5,036.69	1/2		1/2		1/2		1/2		1/2	
3/4	3,612.89	3/4	3,972.12	3/4	4,331.36	3/4	4,689.73	3/4	5,043.31	3/4		3/4		3/4		3/4		3/4	
1	3,620.37	1	3,979.61	1	4,338.84	1	4,697.19	1	5,049.94	1		1		1		1		1	
1/4	3,627.86	1/4	3,987.09	1/4	4,346.33	1/4	4,704.64	1/4	5,055.49	1/4		1/4		1/4		1/4		1/4	
1/2	3,635.34	1/2	3,994.58	1/2	4,353.81	1/2	4,712.10	1/2	5,061.05	1/2		1/2		1/2		1/2		1/2	
3/4	3,642.82	3/4	4,002.06	3/4	4,361.30	3/4	4,719.55	3/4	5,066.60	3/4		3/4		3/4		3/4		3/4	
2	3,650.31	2	4,009.54	2	4,368.78	2	4,727.00	2	5,072.15	2		2		2		2		2	
1/4	3,657.79	1/4	4,017.03	1/4	4,376.26	1/4	4,734.42	1/4	5,076.64	1/4		1/4		1/4		1/4		1/4	
1/2	3,665.28	1/2	4,024.51	1/2	4,383.74	1/2	4,741.85	1/2	5,081.12	1/2		1/2		1/2		1/2		1/2	
3/4	3,672.76	3/4	4,032.00	3/4	4,391.22	3/4	4,749.27	3/4	5,085.61	3/4		3/4		3/4		3/4		3/4	
3	3,680.24	3	4,039.48	3	4,398.70	3	4,756.69	3		3		3		3		3		3	
1/4	3,687.73	1/4	4,046.97	1/4	4,406.16	1/4	4,764.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,695.21	1/2	4,054.45	1/2	4,413.62	1/2	4,771.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,702.70	3/4	4,061.93	3/4	4,421.08	3/4	4,778.96	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,710.18	4	4,069.42	4	4,428.55	4	4,786.38	4		4		4		4		4		4	
1/4	3,717.66	1/4	4,076.90	1/4	4,436.01	1/4	4,793.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,725.15	1/2	4,084.39	1/2	4,443.47	1/2	4,801.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,732.63	3/4	4,091.87	3/4	4,450.93	3/4	4,808.65	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,740.12	5	4,099.35	5	4,458.39	5	4,816.07	5		5		5		5		5		5	
1/4	3,747.60	1/4	4,106.84	1/4	4,465.86	1/4	4,823.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,755.09	1/2	4,114.32	1/2	4,473.32	1/2	4,830.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,762.57	3/4	4,121.81	3/4	4,480.78	3/4	4,838.34	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,770.05	6	4,129.29	6	4,488.24	6	4,845.76	6		6		6		6		6		6	
1/4	3,777.54	1/4	4,136.77	1/4	4,495.71	1/4	4,853.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,785.02	1/2	4,144.26	1/2	4,503.17	1/2	4,860.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,792.51	3/4	4,151.74	3/4	4,510.63	3/4	4,868.03	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,799.99	7	4,159.23	7	4,518.09	7	4,875.45	7		7		7		7		7		7	
1/4	3,807.47	1/4	4,166.71	1/4	4,525.56	1/4	4,882.88	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,814.96	1/2	4,174.19	1/2	4,533.02	1/2	4,890.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,822.44	3/4	4,181.68	3/4	4,540.48	3/4	4,897.72	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,829.93	8	4,189.16	8	4,547.94	8	4,905.15	8		8		8		8		8		8	
1/4	3,837.41	1/4	4,196.65	1/4	4,555.41	1/4	4,912.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,844.89	1/2	4,204.13	1/2	4,562.87	1/2	4,920.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,852.38	3/4	4,211.62	3/4	4,570.33	3/4	4,927.43	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,859.86	9	4,219.10	9	4,577.79	9	4,934.85	9		9		9		9		9		9	
1/4	3,867.35	1/4	4,226.58	1/4	4,585.26	1/4	4,942.28	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,874.83	1/2	4,234.07	1/2	4,592.72	1/2	4,949.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,882.31	3/4	4,241.55	3/4	4,600.18	3/4	4,957.13	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,889.80	10	4,249.04	10	4,607.64	10	4,964.56	10		10		10		10		10		10	
1/4	3,897.28	1/4	4,256.52	1/4	4,615.11	1/4	4,971.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,904.77	1/2	4,264.00	1/2	4,622.57	1/2	4,979.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,912.25	3/4	4,271.49	3/4	4,630.03	3/4	4,986.84	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,919.74	11	4,278.97	11	4,637.49	11	4,994.27	11		11		11		11		11		11	
1/4	3,927.22	1/4	4,286.46	1/4	4,644.95	1/4	5,001.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,934.70	1/2	4,293.94	1/2	4,652.42	1/2	5,008.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,942.19	3/4	4,301.42	3/4	4,659.88	3/4	5,016.15	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 08/13/2012 CL - SW
CALCULATED: 08/14/2012 CL
PRINTED: 08/15/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2012

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 30035"

3 PORT
INNAGE TABLE
8" HATCH

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 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	20.37	0	360.47	0	712.53	0	1,062.53	0	1,416.81	0	1,774.34	0	2,129.78	0	2,485.13	0	2,842.40	0	3,199.49
1/4	25.50	1/4	367.92	1/4	719.98	1/4	1,069.76	1/4	1,424.26	1/4	1,781.78	1/4	2,137.17	1/4	2,492.57	1/4	2,849.84	1/4	3,206.93
1/2	30.64	1/2	375.37	1/2	727.43	1/2	1,076.98	1/2	1,431.71	1/2	1,789.23	1/2	2,144.55	1/2	2,500.02	1/2	2,857.29	1/2	3,214.36
3/4	35.77	3/4	382.82	3/4	734.89	3/4	1,084.21	3/4	1,439.16	3/4	1,796.68	3/4	2,151.94	3/4	2,507.47	3/4	2,864.73	3/4	3,221.80
1	40.90	1	390.27	1	742.34	1	1,091.43	1	1,446.61	1	1,804.13	1	2,159.32	1	2,514.92	1	2,872.17	1	3,229.24
1/4	47.66	1/4	397.72	1/4	749.79	1/4	1,098.66	1/4	1,454.05	1/4	1,811.58	1/4	2,166.71	1/4	2,522.37	1/4	2,879.61	1/4	3,236.67
1/2	54.43	1/2	405.17	1/2	757.24	1/2	1,105.89	1/2	1,461.50	1/2	1,819.03	1/2	2,174.10	1/2	2,529.82	1/2	2,887.05	1/2	3,244.11
3/4	61.19	3/4	412.62	3/4	764.70	3/4	1,113.12	3/4	1,468.95	3/4	1,826.47	3/4	2,181.48	3/4	2,537.26	3/4	2,894.49	3/4	3,251.54
2	67.96	2	420.08	2	772.15	2	1,120.35	2	1,476.40	2	1,833.92	2	2,188.87	2	2,544.71	2	2,901.93	2	3,258.97
1/4	75.42	1/4	427.53	1/4	779.60	1/4	1,127.59	1/4	1,483.85	1/4	1,841.37	1/4	2,196.25	1/4	2,552.16	1/4	2,909.37	1/4	3,266.39
1/2	82.68	1/2	434.98	1/2	787.05	1/2	1,134.83	1/2	1,491.30	1/2	1,848.82	1/2	2,203.64	1/2	2,559.61	1/2	2,916.81	1/2	3,273.81
3/4	89.94	3/4	442.43	3/4	794.51	3/4	1,142.06	3/4	1,498.74	3/4	1,856.27	3/4	2,211.02	3/4	2,567.06	3/4	2,924.25	3/4	3,281.22
3	97.21	3	449.88	3	801.96	3	1,149.30	3	1,506.19	3	1,863.72	3	2,218.41	3	2,574.51	3	2,931.70	3	3,288.64
1/4	104.46	1/4	457.33	1/4	809.35	1/4	1,156.59	1/4	1,513.64	1/4	1,871.15	1/4	2,225.80	1/4	2,581.95	1/4	2,939.14	1/4	3,296.06
1/2	111.72	1/2	464.78	1/2	816.75	1/2	1,163.88	1/2	1,521.09	1/2	1,878.58	1/2	2,233.19	1/2	2,589.40	1/2	2,946.58	1/2	3,303.48
3/4	118.98	3/4	472.24	3/4	824.14	3/4	1,171.17	3/4	1,528.54	3/4	1,886.01	3/4	2,240.58	3/4	2,596.84	3/4	2,954.02	3/4	3,310.89
4	126.23	4	479.69	4	831.53	4	1,178.46	4	1,535.99	4	1,893.45	4	2,247.97	4	2,604.29	4	2,961.46	4	3,318.31
1/4	133.48	1/4	487.14	1/4	838.75	1/4	1,185.91	1/4	1,543.44	1/4	1,900.83	1/4	2,255.38	1/4	2,611.73	1/4	2,968.90	1/4	3,325.73
1/2	140.74	1/2	494.59	1/2	845.97	1/2	1,193.36	1/2	1,550.88	1/2	1,908.22	1/2	2,262.79	1/2	2,619.17	1/2	2,976.33	1/2	3,333.15
3/4	147.99	3/4	502.05	3/4	853.19	3/4	1,200.81	3/4	1,558.33	3/4	1,915.60	3/4	2,270.20	3/4	2,626.61	3/4	2,983.77	3/4	3,340.57
5	155.24	5	509.30	5	860.41	5	1,208.26	5	1,565.78	5	1,922.99	5	2,277.61	5	2,634.06	5	2,991.21	5	3,347.98
1/4	162.49	1/4	516.55	1/4	867.63	1/4	1,215.71	1/4	1,573.23	1/4	1,930.37	1/4	2,285.02	1/4	2,641.50	1/4	2,998.65	1/4	3,355.40
1/2	169.74	1/2	523.80	1/2	874.84	1/2	1,223.15	1/2	1,580.68	1/2	1,937.76	1/2	2,292.43	1/2	2,648.94	1/2	3,006.09	1/2	3,362.82
3/4	177.00	3/4	531.05	3/4	882.06	3/4	1,230.60	3/4	1,588.13	3/4	1,945.14	3/4	2,299.84	3/4	2,656.38	3/4	3,013.53	3/4	3,370.24
6	184.25	6	538.30	6	889.28	6	1,238.05	6	1,595.57	6	1,952.53	6	2,307.25	6	2,663.82	6	3,020.97	6	3,377.65
1/4	191.50	1/4	545.55	1/4	896.50	1/4	1,245.50	1/4	1,603.02	1/4	1,959.92	1/4	2,314.66	1/4	2,671.26	1/4	3,028.40	1/4	3,385.07
1/2	198.75	1/2	552.80	1/2	903.72	1/2	1,252.95	1/2	1,610.47	1/2	1,967.30	1/2	2,322.07	1/2	2,678.70	1/2	3,035.84	1/2	3,392.49
3/4	206.00	3/4	560.05	3/4	910.94	3/4	1,260.40	3/4	1,617.92	3/4	1,974.69	3/4	2,329.48	3/4	2,686.14	3/4	3,043.28	3/4	3,399.91
7	213.25	7	567.31	7	918.15	7	1,267.84	7	1,625.37	7	1,982.07	7	2,336.89	7	2,693.58	7	3,050.72	7	3,407.32
1/4	220.50	1/4	574.56	1/4	925.37	1/4	1,275.29	1/4	1,632.82	1/4	1,989.46	1/4	2,344.30	1/4	2,701.02	1/4	3,058.16	1/4	3,414.74
1/2	227.75	1/2	581.81	1/2	932.59	1/2	1,282.74	1/2	1,640.26	1/2	1,996.84	1/2	2,351.71	1/2	2,708.47	1/2	3,065.60	1/2	3,422.16
3/4	235.00	3/4	589.06	3/4	939.81	3/4	1,290.19	3/4	1,647.71	3/4	2,004.23	3/4	2,359.12	3/4	2,715.91	3/4	3,073.03	3/4	3,429.58
8	242.25	8	596.31	8	947.03	8	1,297.64	8	1,655.16	8	2,011.61	8	2,366.53	8	2,723.35	8	3,080.47	8	3,436.99
1/4	249.50	1/4	603.56	1/4	954.25	1/4	1,305.09	1/4	1,662.61	1/4	2,019.00	1/4	2,373.94	1/4	2,730.79	1/4	3,087.91	1/4	3,444.41
1/2	256.75	1/2	610.81	1/2	961.46	1/2	1,312.53	1/2	1,670.06	1/2	2,026.39	1/2	2,381.35	1/2	2,738.23	1/2	3,095.35	1/2	3,451.83
3/4	264.00	3/4	618.06	3/4	968.68	3/4	1,319.98	3/4	1,677.51	3/4	2,033.77	3/4	2,388.76	3/4	2,745.67	3/4	3,102.79	3/4	3,459.25
9	271.25	9	625.31	9	975.90	9	1,327.43	9	1,684.95	9	2,041.16	9	2,396.17	9	2,753.11	9	3,110.23	9	3,466.66
1/4	278.50	1/4	632.57	1/4	983.12	1/4	1,334.88	1/4	1,692.40	1/4	2,048.54	1/4	2,403.58	1/4	2,760.55	1/4	3,117.66	1/4	3,474.08
1/2	285.95	1/2	639.82	1/2	990.34	1/2	1,342.33	1/2	1,699.85	1/2	2,055.93	1/2	2,410.99	1/2	2,767.99	1/2	3,125.10	1/2	3,481.51
3/4	293.41	3/4	647.07	3/4	997.56	3/4	1,349.78	3/4	1,707.30	3/4	2,063.31	3/4	2,418.40	3/4	2,775.43	3/4	3,132.54	3/4	3,488.93
10	300.86	10	654.32	10	1,004.78	10	1,357.23	10	1,714.75	10	2,070.70	10	2,425.81	10	2,782.88	10	3,139.98	10	3,496.35
1/4	308.31	1/4	661.57	1/4	1,011.99	1/4	1,364.67	1/4	1,722.20	1/4	2,078.08	1/4	2,433.22	1/4	2,790.32	1/4	3,147.42	1/4	3,503.78
1/2	315.76	1/2	668.82	1/2	1,019.21	1/2	1,372.12	1/2	1,729.65	1/2	2,085.47	1/2	2,440.63	1/2	2,797.76	1/2	3,154.86	1/2	3,511.20
3/4	323.21	3/4	676.07	3/4	1,026.43	3/4	1,379.57	3/4	1,737.09	3/4	2,092.85	3/4	2,448.04	3/4	2,805.20	3/4	3,162.29	3/4	3,518.63
11	330.66	11	683.32	11	1,033.65	11	1,387.02	11	1,744.54	11	2,100.24	11	2,455.45	11	2,812.64	11	3,169.73	11	3,526.06
1/4	338.11	1/4	690.57	1/4	1,040.87	1/4	1,394.47	1/4	1,751.99	1/4	2,107.63	1/4	2,462.87	1/4	2,820.08	1/4	3,177.17	1/4	3,533.50
1/2	345.56	1/2	697.83	1/2	1,048.09	1/2	1,401.92	1/2	1,759.44	1/2	2,115.01	1/2	2,470.29	1/2	2,827.52	1/2	3,184.61	1/2	3,540.94
3/4	353.02	3/4	705.08	3/4	1,055.31	3/4	1,409.36	3/4	1,766.89	3/4	2,122.40	3/4	2,477.71	3/4	2,834.96	3/4	3,192.05	3/4	3,548.37

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 8" HATCH.
GAUGE POINT: (8" HATCH) LOCATED 12'-09" OFF CENTERLINE AND 58'-03" FORWARD OF AFT BULKHEAD.

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

BARGE "SMI 30035"

3 PORT
INNAGE TABLE
8" HATCH

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,555.81	0	3,706.28	0	3,842.91	0	3,979.01	0	4,113.33	0		0		0		0		0	
1/4	3,562.12	1/4	3,709.13	1/4	3,845.76	1/4	3,981.84	1/4	4,115.34	1/4		1/4		1/4		1/4		1/4	
1/2	3,568.42	1/2	3,711.97	1/2	3,848.61	1/2	3,984.67	1/2	4,117.35	1/2		1/2		1/2		1/2		1/2	
3/4	3,574.73	3/4	3,714.82	3/4	3,851.45	3/4	3,987.50	3/4	4,119.35	3/4		3/4		3/4		3/4		3/4	
1	3,581.03	1	3,717.67	1	3,854.30	1	3,990.33	1	4,121.36	1		1		1		1		1	
1/4	3,583.88	1/4	3,720.51	1/4	3,857.14	1/4	3,993.16	1/4	4,122.30	1/4		1/4		1/4		1/4		1/4	
1/2	3,586.73	1/2	3,723.36	1/2	3,859.99	1/2	3,995.99	1/2	4,123.24	1/2		1/2		1/2		1/2		1/2	
3/4	3,589.57	3/4	3,726.21	3/4	3,862.84	3/4	3,998.81	3/4	4,124.18	3/4		3/4		3/4		3/4		3/4	
2	3,592.42	2	3,729.05	2	3,865.68	2	4,001.64	2	4,125.13	2		2		2		2		2	
1/4	3,595.27	1/4	3,731.90	1/4	3,868.53	1/4	4,004.44	1/4	4,125.25	1/4		1/4		1/4		1/4		1/4	
1/2	3,598.11	1/2	3,734.75	1/2	3,871.37	1/2	4,007.24	1/2	4,125.38	1/2		1/2		1/2		1/2		1/2	
3/4	3,600.96	3/4	3,737.59	3/4	3,874.21	3/4	4,010.05	3/4	4,125.50	3/4		3/4		3/4		3/4		3/4	
3	3,603.81	3	3,740.44	3	3,877.05	3	4,012.85	3		3		3		3		3		3	
1/4	3,606.65	1/4	3,743.28	1/4	3,879.89	1/4	4,015.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,609.50	1/2	3,746.13	1/2	3,882.72	1/2	4,018.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,612.35	3/4	3,748.98	3/4	3,885.56	3/4	4,021.27	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,615.19	4	3,751.82	4	3,888.38	4	4,024.07	4		4		4		4		4		4	
1/4	3,618.04	1/4	3,754.67	1/4	3,891.21	1/4	4,026.88	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,620.89	1/2	3,757.52	1/2	3,894.05	1/2	4,029.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,623.73	3/4	3,760.36	3/4	3,896.88	3/4	4,032.49	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,626.58	5	3,763.21	5	3,899.71	5	4,035.29	5		5		5		5		5		5	
1/4	3,629.42	1/4	3,766.06	1/4	3,902.54	1/4	4,038.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,632.27	1/2	3,768.90	1/2	3,905.37	1/2	4,040.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,635.12	3/4	3,771.75	3/4	3,908.21	3/4	4,043.70	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,637.96	6	3,774.60	6	3,911.04	6	4,046.51	6		6		6		6		6		6	
1/4	3,640.81	1/4	3,777.44	1/4	3,913.87	1/4	4,049.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,643.66	1/2	3,780.29	1/2	3,916.70	1/2	4,052.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,646.50	3/4	3,783.14	3/4	3,919.53	3/4	4,054.92	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,649.35	7	3,785.98	7	3,922.37	7	4,057.73	7		7		7		7		7		7	
1/4	3,652.20	1/4	3,788.83	1/4	3,925.20	1/4	4,060.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,655.04	1/2	3,791.68	1/2	3,928.03	1/2	4,063.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,657.89	3/4	3,794.52	3/4	3,930.86	3/4	4,066.14	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,660.74	8	3,797.37	8	3,933.69	8	4,068.95	8		8		8		8		8		8	
1/4	3,663.58	1/4	3,800.21	1/4	3,936.53	1/4	4,071.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,666.43	1/2	3,803.06	1/2	3,939.36	1/2	4,074.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,669.28	3/4	3,805.91	3/4	3,942.19	3/4	4,077.37	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,672.12	9	3,808.75	9	3,945.02	9	4,080.18	9		9		9		9		9		9	
1/4	3,674.97	1/4	3,811.60	1/4	3,947.85	1/4	4,082.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,677.82	1/2	3,814.45	1/2	3,950.69	1/2	4,085.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,680.66	3/4	3,817.29	3/4	3,953.52	3/4	4,088.60	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,683.51	10	3,820.14	10	3,956.35	10	4,091.41	10		10		10		10		10		10	
1/4	3,686.35	1/4	3,822.99	1/4	3,959.18	1/4	4,094.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,689.20	1/2	3,825.83	1/2	3,962.01	1/2	4,097.02	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,692.05	3/4	3,828.68	3/4	3,964.85	3/4	4,099.83	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,694.89	11	3,831.53	11	3,967.68	11	4,102.64	11		11		11		11		11		11	
1/4	3,697.74	1/4	3,834.37	1/4	3,970.51	1/4	4,105.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,700.59	1/2	3,837.22	1/2	3,973.34	1/2	4,107.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,703.43	3/4	3,840.07	3/4	3,976.17	3/4	4,110.66	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/13/2012 CL - SW
CALCULATED: 08/14/2012 CL
PRINTED: 08/15/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2012

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

BARGE "SMI 30035"

3 STBD

INNAGE TABLE

8" HATCH

GAUGE HEIGHT 15'-03"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	20.36	0	360.71	0	713.18	0	1,070.81	0	1,428.88	0	1,787.00	0	2,145.12	0	2,503.24	0	2,861.14	0	3,218.83
1/4	25.49	1/4	368.17	1/4	720.64	1/4	1,078.26	1/4	1,436.34	1/4	1,794.46	1/4	2,152.58	1/4	2,510.71	1/4	2,868.59	1/4	3,226.28
1/2	30.62	1/2	375.63	1/2	728.10	1/2	1,085.71	1/2	1,443.80	1/2	1,801.92	1/2	2,160.04	1/2	2,518.17	1/2	2,876.05	1/2	3,233.73
3/4	35.75	3/4	383.09	3/4	735.56	3/4	1,093.17	3/4	1,451.26	3/4	1,809.38	3/4	2,167.50	3/4	2,525.63	3/4	2,883.50	3/4	3,241.18
1	40.88	1	390.55	1	743.02	1	1,100.62	1	1,458.72	1	1,816.84	1	2,174.97	1	2,533.09	1	2,890.96	1	3,248.63
1/4	47.64	1/4	398.01	1/4	750.49	1/4	1,108.07	1/4	1,466.18	1/4	1,824.30	1/4	2,182.43	1/4	2,540.55	1/4	2,898.41	1/4	3,256.08
1/2	54.40	1/2	405.47	1/2	757.95	1/2	1,115.53	1/2	1,473.64	1/2	1,831.76	1/2	2,189.89	1/2	2,548.01	1/2	2,905.86	1/2	3,263.52
3/4	61.16	3/4	412.94	3/4	765.41	3/4	1,122.98	3/4	1,481.10	3/4	1,839.22	3/4	2,197.35	3/4	2,555.47	3/4	2,913.32	3/4	3,270.97
2	67.92	2	420.40	2	772.87	2	1,130.44	2	1,488.56	2	1,846.69	2	2,204.81	2	2,562.93	2	2,920.77	2	3,278.42
1/4	75.39	1/4	427.86	1/4	780.33	1/4	1,137.90	1/4	1,496.02	1/4	1,854.15	1/4	2,212.27	1/4	2,570.39	1/4	2,928.22	1/4	3,285.85
1/2	82.64	1/2	435.32	1/2	787.79	1/2	1,145.36	1/2	1,503.48	1/2	1,861.61	1/2	2,219.73	1/2	2,577.85	1/2	2,935.68	1/2	3,293.28
3/4	89.90	3/4	442.78	3/4	795.25	3/4	1,152.82	3/4	1,510.94	3/4	1,869.07	3/4	2,227.19	3/4	2,585.31	3/4	2,943.13	3/4	3,300.71
3	97.16	3	450.24	3	802.71	3	1,160.28	3	1,518.41	3	1,876.53	3	2,234.65	3	2,592.78	3	2,950.58	3	3,308.14
1/4	104.42	1/4	457.70	1/4	810.17	1/4	1,167.74	1/4	1,525.87	1/4	1,883.99	1/4	2,242.11	1/4	2,600.24	1/4	2,958.04	1/4	3,315.57
1/2	111.68	1/2	465.16	1/2	817.62	1/2	1,175.20	1/2	1,533.33	1/2	1,891.45	1/2	2,249.57	1/2	2,607.70	1/2	2,965.49	1/2	3,323.00
3/4	118.94	3/4	472.62	3/4	825.08	3/4	1,182.67	3/4	1,540.79	3/4	1,898.91	3/4	2,257.03	3/4	2,615.16	3/4	2,972.94	3/4	3,330.43
4	126.20	4	480.08	4	832.54	4	1,190.13	4	1,548.25	4	1,906.37	4	2,264.50	4	2,622.62	4	2,980.40	4	3,337.86
1/4	133.46	1/4	487.54	1/4	839.98	1/4	1,197.59	1/4	1,555.71	1/4	1,913.83	1/4	2,271.96	1/4	2,630.08	1/4	2,987.85	1/4	3,345.29
1/2	140.72	1/2	495.00	1/2	847.43	1/2	1,205.05	1/2	1,563.17	1/2	1,921.29	1/2	2,279.42	1/2	2,637.53	1/2	2,995.30	1/2	3,352.72
3/4	147.98	3/4	502.46	3/4	854.87	3/4	1,212.51	3/4	1,570.63	3/4	1,928.76	3/4	2,286.88	3/4	2,644.98	3/4	3,002.75	3/4	3,360.15
5	155.24	5	509.72	5	862.32	5	1,219.97	5	1,578.09	5	1,936.22	5	2,294.34	5	2,652.44	5	3,010.20	5	3,367.58
1/4	162.50	1/4	516.98	1/4	869.77	1/4	1,227.43	1/4	1,585.55	1/4	1,943.68	1/4	2,301.80	1/4	2,659.89	1/4	3,017.65	1/4	3,375.01
1/2	169.75	1/2	524.24	1/2	877.21	1/2	1,234.89	1/2	1,593.01	1/2	1,951.14	1/2	2,309.26	1/2	2,667.34	1/2	3,025.10	1/2	3,382.44
3/4	177.01	3/4	531.50	3/4	884.66	3/4	1,242.35	3/4	1,600.48	3/4	1,958.60	3/4	2,316.72	3/4	2,674.80	3/4	3,032.55	3/4	3,389.87
6	184.27	6	538.76	6	892.10	6	1,249.81	6	1,607.94	6	1,966.06	6	2,324.18	6	2,682.25	6	3,040.00	6	3,397.30
1/4	191.53	1/4	546.02	1/4	899.55	1/4	1,257.27	1/4	1,615.40	1/4	1,973.52	1/4	2,331.64	1/4	2,689.71	1/4	3,047.46	1/4	3,404.73
1/2	198.79	1/2	553.28	1/2	906.99	1/2	1,264.74	1/2	1,622.86	1/2	1,980.98	1/2	2,339.10	1/2	2,697.16	1/2	3,054.91	1/2	3,412.16
3/4	206.05	3/4	560.54	3/4	914.44	3/4	1,272.20	3/4	1,630.32	3/4	1,988.44	3/4	2,346.57	3/4	2,704.61	3/4	3,062.36	3/4	3,419.59
7	213.31	7	567.80	7	921.89	7	1,279.66	7	1,637.78	7	1,995.90	7	2,354.03	7	2,712.07	7	3,069.81	7	3,427.02
1/4	220.57	1/4	575.06	1/4	929.33	1/4	1,287.12	1/4	1,645.24	1/4	2,003.36	1/4	2,361.49	1/4	2,719.52	1/4	3,077.26	1/4	3,434.45
1/2	227.83	1/2	582.32	1/2	936.78	1/2	1,294.58	1/2	1,652.70	1/2	2,010.83	1/2	2,368.95	1/2	2,726.97	1/2	3,084.71	1/2	3,441.88
3/4	235.09	3/4	589.57	3/4	944.22	3/4	1,302.04	3/4	1,660.16	3/4	2,018.29	3/4	2,376.41	3/4	2,734.43	3/4	3,092.16	3/4	3,449.31
8	242.35	8	596.83	8	951.67	8	1,309.50	8	1,667.62	8	2,025.75	8	2,383.87	8	2,741.88	8	3,099.61	8	3,456.74
1/4	249.61	1/4	604.09	1/4	959.11	1/4	1,316.96	1/4	1,675.08	1/4	2,033.21	1/4	2,391.33	1/4	2,749.33	1/4	3,107.06	1/4	3,464.17
1/2	256.87	1/2	611.35	1/2	966.56	1/2	1,324.42	1/2	1,682.55	1/2	2,040.67	1/2	2,398.79	1/2	2,756.79	1/2	3,114.51	1/2	3,471.60
3/4	264.12	3/4	618.61	3/4	974.00	3/4	1,331.88	3/4	1,690.01	3/4	2,048.13	3/4	2,406.25	3/4	2,764.24	3/4	3,121.97	3/4	3,479.03
9	271.38	9	625.87	9	981.45	9	1,339.34	9	1,697.47	9	2,055.59	9	2,413.71	9	2,771.70	9	3,129.42	9	3,486.46
1/4	278.64	1/4	633.13	1/4	988.90	1/4	1,346.81	1/4	1,704.93	1/4	2,063.05	1/4	2,421.17	1/4	2,779.15	1/4	3,136.87	1/4	3,493.89
1/2	286.10	1/2	640.39	1/2	996.34	1/2	1,354.27	1/2	1,712.39	1/2	2,070.51	1/2	2,428.64	1/2	2,786.60	1/2	3,144.32	1/2	3,501.33
3/4	293.56	3/4	647.65	3/4	1,003.79	3/4	1,361.73	3/4	1,719.85	3/4	2,077.97	3/4	2,436.10	3/4	2,794.06	3/4	3,151.77	3/4	3,508.76
10	301.03	10	654.91	10	1,011.23	10	1,369.19	10	1,727.31	10	2,085.43	10	2,443.56	10	2,801.51	10	3,159.22	10	3,516.19
1/4	308.49	1/4	662.17	1/4	1,018.68	1/4	1,376.65	1/4	1,734.77	1/4	2,092.90	1/4	2,451.02	1/4	2,808.96	1/4	3,166.67	1/4	3,523.62
1/2	315.95	1/2	669.43	1/2	1,026.12	1/2	1,384.11	1/2	1,742.23	1/2	2,100.36	1/2	2,458.48	1/2	2,816.42	1/2	3,174.12	1/2	3,531.05
3/4	323.41	3/4	676.68	3/4	1,033.57	3/4	1,391.57	3/4	1,749.69	3/4	2,107.82	3/4	2,465.94	3/4	2,823.87	3/4	3,181.57	3/4	3,538.48
11	330.87	11	683.94	11	1,041.02	11	1,399.03	11	1,757.15	11	2,115.28	11	2,473.40	11	2,831.33	11	3,189.02	11	3,545.91
1/4	338.33	1/4	691.20	1/4	1,048.46	1/4	1,406.49	1/4	1,764.62	1/4	2,122.74	1/4	2,480.86	1/4	2,838.78	1/4	3,196.48	1/4	3,553.34
1/2	345.79	1/2	698.46	1/2	1,055.91	1/2	1,413.95	1/2	1,772.08	1/2	2,130.20	1/2	2,488.32	1/2	2,846.23	1/2	3,203.93	1/2	3,560.78
3/4	353.25	3/4	705.72	3/4	1,063.36	3/4	1,421.41	3/4	1,779.54	3/4	2,137.66	3/4	2,495.78	3/4	2,853.69	3/4	3,211.38	3/4	3,568.22

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 8" HATCH.
GAUGE POINT: (8" HATCH) LOCATED 12'-09" OFF CENTERLINE AND 58'-03" FORWARD OF AFT BULKHEAD.

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

BARGE "SMI 30035"

3 STBD

INNAGE TABLE

8" HATCH

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03"

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	3,575.65	0	3,726.00	0	3,862.51	0	3,998.48	0	4,132.69	0		0		0		0		0	
1/4	3,581.95	1/4	3,728.84	1/4	3,865.35	1/4	4,001.31	1/4	4,134.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,588.26	1/2	3,731.69	1/2	3,868.20	1/2	4,004.14	1/2	4,136.71	1/2		1/2		1/2		1/2		1/2	
3/4	3,594.56	3/4	3,734.53	3/4	3,871.04	3/4	4,006.97	3/4	4,138.71	3/4		3/4		3/4		3/4		3/4	
1	3,600.86	1	3,737.37	1	3,873.89	1	4,009.80	1	4,140.72	1		1		1		1		1	
1/4	3,603.71	1/4	3,740.22	1/4	3,876.73	1/4	4,012.62	1/4	4,141.66	1/4		1/4		1/4		1/4		1/4	
1/2	3,606.55	1/2	3,743.06	1/2	3,879.57	1/2	4,015.45	1/2	4,142.60	1/2		1/2		1/2		1/2		1/2	
3/4	3,609.39	3/4	3,745.91	3/4	3,882.42	3/4	4,018.27	3/4	4,143.54	3/4		3/4		3/4		3/4		3/4	
2	3,612.24	2	3,748.75	2	3,885.26	2	4,021.09	2	4,144.48	2		2		2		2		2	
1/4	3,615.08	1/4	3,751.59	1/4	3,888.10	1/4	4,023.89	1/4	4,144.60	1/4		1/4		1/4		1/4		1/4	
1/2	3,617.93	1/2	3,754.44	1/2	3,890.94	1/2	4,026.70	1/2	4,144.72	1/2		1/2		1/2		1/2		1/2	
3/4	3,620.77	3/4	3,757.28	3/4	3,893.78	3/4	4,029.50	3/4	4,144.85	3/4		3/4		3/4		3/4		3/4	
3	3,623.61	3	3,760.13	3	3,896.62	3	4,032.30	3		3		3		3		3		3	
1/4	3,626.46	1/4	3,762.97	1/4	3,899.45	1/4	4,035.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,629.30	1/2	3,765.81	1/2	3,902.28	1/2	4,037.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,632.15	3/4	3,768.66	3/4	3,905.11	3/4	4,040.71	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,634.99	4	3,771.50	4	3,907.94	4	4,043.51	4		4		4		4		4		4	
1/4	3,637.83	1/4	3,774.35	1/4	3,910.77	1/4	4,046.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,640.68	1/2	3,777.19	1/2	3,913.60	1/2	4,049.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,643.52	3/4	3,780.03	3/4	3,916.43	3/4	4,051.92	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,646.37	5	3,782.88	5	3,919.26	5	4,054.72	5		5		5		5		5		5	
1/4	3,649.21	1/4	3,785.72	1/4	3,922.09	1/4	4,057.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,652.05	1/2	3,788.57	1/2	3,924.92	1/2	4,060.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,654.90	3/4	3,791.41	3/4	3,927.75	3/4	4,063.12	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,657.74	6	3,794.25	6	3,930.58	6	4,065.93	6		6		6		6		6		6	
1/4	3,660.59	1/4	3,797.10	1/4	3,933.41	1/4	4,068.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,663.43	1/2	3,799.94	1/2	3,936.24	1/2	4,071.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,666.27	3/4	3,802.79	3/4	3,939.06	3/4	4,074.33	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,669.12	7	3,805.63	7	3,941.89	7	4,077.13	7		7		7		7		7		7	
1/4	3,671.96	1/4	3,808.47	1/4	3,944.72	1/4	4,079.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,674.81	1/2	3,811.32	1/2	3,947.55	1/2	4,082.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,677.65	3/4	3,814.16	3/4	3,950.38	3/4	4,085.54	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,680.49	8	3,817.01	8	3,953.21	8	4,088.35	8		8		8		8		8		8	
1/4	3,683.34	1/4	3,819.85	1/4	3,956.04	1/4	4,091.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,686.18	1/2	3,822.69	1/2	3,958.87	1/2	4,093.96	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,689.03	3/4	3,825.54	3/4	3,961.70	3/4	4,096.76	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,691.87	9	3,828.38	9	3,964.53	9	4,099.57	9		9		9		9		9		9	
1/4	3,694.71	1/4	3,831.23	1/4	3,967.36	1/4	4,102.37	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,697.56	1/2	3,834.07	1/2	3,970.19	1/2	4,105.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,700.40	3/4	3,836.91	3/4	3,973.02	3/4	4,107.98	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,703.25	10	3,839.76	10	3,975.85	10	4,110.78	10		10		10		10		10		10	
1/4	3,706.09	1/4	3,842.60	1/4	3,978.68	1/4	4,113.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,708.93	1/2	3,845.45	1/2	3,981.51	1/2	4,116.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,711.78	3/4	3,848.29	3/4	3,984.34	3/4	4,119.20	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,714.62	11	3,851.13	11	3,987.17	11	4,122.00	11		11		11		11		11		11	
1/4	3,717.47	1/4	3,853.98	1/4	3,990.00	1/4	4,124.68	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,720.31	1/2	3,856.82	1/2	3,992.83	1/2	4,127.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,723.15	3/4	3,859.67	3/4	3,995.65	3/4	4,130.02	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/13/2012 CL - SW
CALCULATED: 08/14/2012 CL
PRINTED: 08/16/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2012

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

BARGE "SMI 30035"

FUEL TANK
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 4'-05 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	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	

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

STRAPPED: 08/13/2012 CL - SW
CALCULATED: 08/14/2012 CL
PRINTED: 08/15/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2012

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

BARGE "SMI 30035"

SLOP TANK
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-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	1,223	0	2,446	0	3,670	0	4,893	0	6,116	0	7,339	0		0		0	
1/4	25	1/4	1,249	1/4	2,472	1/4	3,695	1/4	4,918	1/4	6,142	1/4	7,365	1/4		1/4		1/4	
1/2	51	1/2	1,274	1/2	2,497	1/2	3,721	1/2	4,944	1/2	6,167	1/2	7,390	1/2		1/2		1/2	
3/4	76	3/4	1,300	3/4	2,523	3/4	3,746	3/4	4,969	3/4	6,193	3/4	7,416	3/4		3/4		3/4	
1	102	1	1,325	1	2,548	1	3,772	1	4,995	1	6,218	1	7,441	1		1		1	
1/4	127	1/4	1,351	1/4	2,574	1/4	3,797	1/4	5,020	1/4	6,244	1/4	7,467	1/4		1/4		1/4	
1/2	153	1/2	1,376	1/2	2,599	1/2	3,823	1/2	5,046	1/2	6,269	1/2	7,492	1/2		1/2		1/2	
3/4	178	3/4	1,402	3/4	2,625	3/4	3,848	3/4	5,071	3/4	6,294	3/4	7,518	3/4		3/4		3/4	
2	204	2	1,427	2	2,650	2	3,874	2	5,097	2	6,320	2	7,543	2		2		2	
1/4	229	1/4	1,453	1/4	2,676	1/4	3,899	1/4	5,122	1/4	6,345	1/4		1/4		1/4		1/4	
1/2	255	1/2	1,478	1/2	2,701	1/2	3,925	1/2	5,148	1/2	6,371	1/2		1/2		1/2		1/2	
3/4	280	3/4	1,504	3/4	2,727	3/4	3,950	3/4	5,173	3/4	6,396	3/4		3/4		3/4		3/4	
3	306	3	1,529	3	2,752	3	3,975	3	5,199	3	6,422	3		3		3		3	
1/4	331	1/4	1,555	1/4	2,778	1/4	4,001	1/4	5,224	1/4	6,447	1/4		1/4		1/4		1/4	
1/2	357	1/2	1,580	1/2	2,803	1/2	4,026	1/2	5,250	1/2	6,473	1/2		1/2		1/2		1/2	
3/4	382	3/4	1,605	3/4	2,829	3/4	4,052	3/4	5,275	3/4	6,498	3/4		3/4		3/4		3/4	
4	408	4	1,631	4	2,854	4	4,077	4	5,301	4	6,524	4		4		4		4	
1/4	433	1/4	1,656	1/4	2,880	1/4	4,103	1/4	5,326	1/4	6,549	1/4		1/4		1/4		1/4	
1/2	459	1/2	1,682	1/2	2,905	1/2	4,128	1/2	5,352	1/2	6,575	1/2		1/2		1/2		1/2	
3/4	484	3/4	1,707	3/4	2,931	3/4	4,154	3/4	5,377	3/4	6,600	3/4		3/4		3/4		3/4	
5	510	5	1,733	5	2,956	5	4,179	5	5,403	5	6,626	5		5		5		5	
1/4	535	1/4	1,758	1/4	2,982	1/4	4,205	1/4	5,428	1/4	6,651	1/4		1/4		1/4		1/4	
1/2	561	1/2	1,784	1/2	3,007	1/2	4,230	1/2	5,454	1/2	6,677	1/2		1/2		1/2		1/2	
3/4	586	3/4	1,809	3/4	3,033	3/4	4,256	3/4	5,479	3/4	6,702	3/4		3/4		3/4		3/4	
6	612	6	1,835	6	3,058	6	4,281	6	5,505	6	6,728	6		6		6		6	
1/4	637	1/4	1,860	1/4	3,084	1/4	4,307	1/4	5,530	1/4	6,753	1/4		1/4		1/4		1/4	
1/2	663	1/2	1,886	1/2	3,109	1/2	4,332	1/2	5,555	1/2	6,779	1/2		1/2		1/2		1/2	
3/4	688	3/4	1,911	3/4	3,135	3/4	4,358	3/4	5,581	3/4	6,804	3/4		3/4		3/4		3/4	
7	714	7	1,937	7	3,160	7	4,383	7	5,606	7	6,830	7		7		7		7	
1/4	739	1/4	1,962	1/4	3,185	1/4	4,409	1/4	5,632	1/4	6,855	1/4		1/4		1/4		1/4	
1/2	765	1/2	1,988	1/2	3,211	1/2	4,434	1/2	5,657	1/2	6,881	1/2		1/2		1/2		1/2	
3/4	790	3/4	2,013	3/4	3,236	3/4	4,460	3/4	5,683	3/4	6,906	3/4		3/4		3/4		3/4	
8	815	8	2,039	8	3,262	8	4,485	8	5,708	8	6,932	8		8		8		8	
1/4	841	1/4	2,064	1/4	3,287	1/4	4,511	1/4	5,734	1/4	6,957	1/4		1/4		1/4		1/4	
1/2	866	1/2	2,090	1/2	3,313	1/2	4,536	1/2	5,759	1/2	6,983	1/2		1/2		1/2		1/2	
3/4	892	3/4	2,115	3/4	3,338	3/4	4,562	3/4	5,785	3/4	7,008	3/4		3/4		3/4		3/4	
9	917	9	2,141	9	3,364	9	4,587	9	5,810	9	7,034	9		9		9		9	
1/4	943	1/4	2,166	1/4	3,389	1/4	4,613	1/4	5,836	1/4	7,059	1/4		1/4		1/4		1/4	
1/2	968	1/2	2,192	1/2	3,415	1/2	4,638	1/2	5,861	1/2	7,084	1/2		1/2		1/2		1/2	
3/4	994	3/4	2,217	3/4	3,440	3/4	4,664	3/4	5,887	3/4	7,110	3/4		3/4		3/4		3/4	
10	1,019	10	2,243	10	3,466	10	4,689	10	5,912	10	7,135	10		10		10		10	
1/4	1,045	1/4	2,268	1/4	3,491	1/4	4,715	1/4	5,938	1/4	7,161	1/4		1/4		1/4		1/4	
1/2	1,070	1/2	2,294	1/2	3,517	1/2	4,740	1/2	5,963	1/2	7,186	1/2		1/2		1/2		1/2	
3/4	1,096	3/4	2,319	3/4	3,542	3/4	4,765	3/4	5,989	3/4	7,212	3/4		3/4		3/4		3/4	
11	1,121	11	2,345	11	3,568	11	4,791	11	6,014	11	7,237	11		11		11		11	
1/4	1,147	1/4	2,370	1/4	3,593	1/4	4,816	1/4	6,040	1/4	7,263	1/4		1/4		1/4		1/4	
1/2	1,172	1/2	2,395	1/2	3,619	1/2	4,842	1/2	6,065	1/2	7,288	1/2		1/2		1/2		1/2	
3/4	1,198	3/4	2,421	3/4	3,644	3/4	4,867	3/4	6,091	3/4	7,314	3/4		3/4		3/4		3/4	

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

STRAPPED: 08/13/2012 CL - SW
CALCULATED: 08/14/2012 CL
PRINTED: 08/15/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2012

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

BARGE "SMI 30035"

ULLAGE (8" HATCH)

	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	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
1 STBD	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4
2 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-2/8	00-2/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8
2 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-2/8	00-2/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8
3 PORT	00-3/4	- 00-3/4	01-1/2	- 01-1/2	02-3/8	- 02-3/8	03-1/8	- 03-1/8	03-7/8	- 03-7/8	04-3/4	- 04-3/4
3 STBD	00-3/4	- 00-3/4	01-5/8	- 01-5/8	02-3/8	- 02-3/8	03-1/8	- 03-1/8	03-7/8	- 03-7/8	04-3/4	- 04-3/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS 00-1/8"
FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 1/8'

LENGTH BETWEEN DRAFT MARKS: 235'-09"

August 13, 2012

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

http://www.pmacorp.net

BARGE "SMI 30035"

1 PORT
ULLAGE TABLE
8" HATCH

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 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	4,999.02	0	4,657.64	0	4,300.35	0	3,941.99	0	3,583.62	0	3,225.25	0	2,866.85	0	2,508.29	0	2,149.73
1/4		1/4	4,994.55	1/4	4,650.24	1/4	4,292.89	1/4	3,934.52	1/4	3,576.15	1/4	3,217.78	1/4	2,859.38	1/4	2,500.82	1/4	2,142.26
1/2		1/2	4,989.01	1/2	4,642.80	1/2	4,285.42	1/2	3,927.05	1/2	3,568.69	1/2	3,210.32	1/2	2,851.91	1/2	2,493.35	1/2	2,134.79
3/4		3/4	4,983.47	3/4	4,635.37	3/4	4,277.96	3/4	3,919.59	3/4	3,561.22	3/4	3,202.85	3/4	2,844.44	3/4	2,485.88	3/4	2,127.32
1		1	4,977.93	1	4,627.94	1	4,270.49	1	3,912.12	1	3,553.75	1	3,195.39	1	2,836.97	1	2,478.41	1	2,119.85
1/4		1/4	4,972.38	1/4	4,620.50	1/4	4,263.02	1/4	3,904.66	1/4	3,546.29	1/4	3,187.92	1/4	2,829.50	1/4	2,470.94	1/4	2,112.38
1/2		1/2	4,965.78	1/2	4,613.06	1/2	4,255.56	1/2	3,897.19	1/2	3,538.82	1/2	3,180.45	1/2	2,822.03	1/2	2,463.47	1/2	2,104.91
3/4		3/4	4,959.17	3/4	4,605.61	3/4	4,248.09	3/4	3,889.72	3/4	3,531.36	3/4	3,172.99	3/4	2,814.56	3/4	2,456.00	3/4	2,097.44
2		2	4,952.56	2	4,598.17	2	4,240.63	2	3,882.26	2	3,523.89	2	3,165.52	2	2,807.09	2	2,448.53	2	2,089.97
1/4		1/4	4,945.95	1/4	4,590.73	1/4	4,233.16	1/4	3,874.79	1/4	3,516.42	1/4	3,158.06	1/4	2,799.62	1/4	2,441.06	1/4	2,082.50
1/2		1/2	4,938.68	1/2	4,583.28	1/2	4,225.69	1/2	3,867.33	1/2	3,508.96	1/2	3,150.59	1/2	2,792.15	1/2	2,433.59	1/2	2,075.03
3/4		3/4	4,931.41	3/4	4,575.84	3/4	4,218.23	3/4	3,859.86	3/4	3,501.49	3/4	3,143.12	3/4	2,784.68	3/4	2,426.12	3/4	2,067.56
3		3	4,924.13	3	4,568.39	3	4,210.76	3	3,852.39	3	3,494.03	3	3,135.66	3	2,777.21	3	2,418.65	3	2,060.09
1/4		1/4	4,916.86	1/4	4,560.95	1/4	4,203.30	1/4	3,844.93	1/4	3,486.56	1/4	3,128.19	1/4	2,769.74	1/4	2,411.18	1/4	2,052.62
1/2		1/2	4,909.45	1/2	4,553.50	1/2	4,195.83	1/2	3,837.46	1/2	3,479.09	1/2	3,120.73	1/2	2,762.27	1/2	2,403.71	1/2	2,045.15
3/4		3/4	4,902.04	3/4	4,546.06	3/4	4,188.36	3/4	3,830.00	3/4	3,471.63	3/4	3,113.26	3/4	2,754.80	3/4	2,396.24	3/4	2,037.68
4		4	4,894.63	4	4,538.61	4	4,180.90	4	3,822.53	4	3,464.16	4	3,105.79	4	2,747.33	4	2,388.77	4	2,030.21
1/4		1/4	4,887.22	1/4	4,531.17	1/4	4,173.43	1/4	3,815.06	1/4	3,456.70	1/4	3,098.33	1/4	2,739.86	1/4	2,381.30	1/4	2,022.74
1/2		1/2	4,879.81	1/2	4,523.73	1/2	4,165.97	1/2	3,807.60	1/2	3,449.23	1/2	3,090.86	1/2	2,732.39	1/2	2,373.83	1/2	2,015.27
3/4		3/4	4,872.40	3/4	4,516.28	3/4	4,158.50	3/4	3,800.13	3/4	3,441.76	3/4	3,083.40	3/4	2,724.92	3/4	2,366.36	3/4	2,007.80
5		5	4,865.00	5	4,508.84	5	4,151.03	5	3,792.67	5	3,434.30	5	3,075.93	5	2,717.45	5	2,358.89	5	2,000.33
1/4		1/4	4,857.59	1/4	4,501.39	1/4	4,143.57	1/4	3,785.20	1/4	3,426.83	1/4	3,068.46	1/4	2,709.98	1/4	2,351.42	1/4	1,992.86
1/2		1/2	4,850.18	1/2	4,493.95	1/2	4,136.10	1/2	3,777.73	1/2	3,419.37	1/2	3,061.00	1/2	2,702.51	1/2	2,343.95	1/2	1,985.39
3/4		3/4	4,842.77	3/4	4,486.50	3/4	4,128.64	3/4	3,770.27	3/4	3,411.90	3/4	3,053.53	3/4	2,695.04	3/4	2,336.48	3/4	1,977.92
6		6	4,835.36	6	4,479.06	6	4,121.17	6	3,762.80	6	3,404.43	6	3,046.07	6	2,687.57	6	2,329.01	6	1,970.45
1/4		1/4	4,827.95	1/4	4,471.62	1/4	4,113.70	1/4	3,755.34	1/4	3,396.97	1/4	3,038.60	1/4	2,680.10	1/4	2,321.54	1/4	1,962.98
1/2		1/2	4,820.55	1/2	4,464.17	1/2	4,106.24	1/2	3,747.87	1/2	3,389.50	1/2	3,031.13	1/2	2,672.63	1/2	2,314.07	1/2	1,955.51
3/4		3/4	4,813.14	3/4	4,456.73	3/4	4,098.77	3/4	3,740.40	3/4	3,382.04	3/4	3,023.67	3/4	2,665.16	3/4	2,306.60	3/4	1,948.04
7		7	4,805.73	7	4,449.28	7	4,091.31	7	3,732.94	7	3,374.57	7	3,016.20	7	2,657.69	7	2,299.13	7	1,940.57
1/4		1/4	4,798.33	1/4	4,441.84	1/4	4,083.84	1/4	3,725.47	1/4	3,367.10	1/4	3,008.74	1/4	2,650.22	1/4	2,291.66	1/4	1,933.10
1/2		1/2	4,790.92	1/2	4,434.39	1/2	4,076.37	1/2	3,718.01	1/2	3,359.64	1/2	3,001.27	1/2	2,642.75	1/2	2,284.19	1/2	1,925.63
3/4		3/4	4,783.52	3/4	4,426.95	3/4	4,068.91	3/4	3,710.54	3/4	3,352.17	3/4	2,993.80	3/4	2,635.28	3/4	2,276.72	3/4	1,918.16
8		8	4,776.12	8	4,419.51	8	4,061.44	8	3,703.07	8	3,344.71	8	2,986.34	8	2,627.81	8	2,269.25	8	1,910.69
1/4		1/4	4,768.71	1/4	4,412.06	1/4	4,053.98	1/4	3,695.61	1/4	3,337.24	1/4	2,978.87	1/4	2,620.34	1/4	2,261.78	1/4	1,903.22
1/2		1/2	4,761.31	1/2	4,404.62	1/2	4,046.51	1/2	3,688.14	1/2	3,329.77	1/2	2,971.41	1/2	2,612.87	1/2	2,254.31	1/2	1,895.75
3/4		3/4	4,753.90	3/4	4,397.17	3/4	4,039.04	3/4	3,680.68	3/4	3,322.31	3/4	2,963.94	3/4	2,605.40	3/4	2,246.84	3/4	1,888.28
9		9	4,746.50	9	4,389.73	9	4,031.58	9	3,673.21	9	3,314.84	9	2,956.47	9	2,597.93	9	2,239.37	9	1,880.81
1/4		1/4	4,739.09	1/4	4,382.28	1/4	4,024.11	1/4	3,665.74	1/4	3,307.38	1/4	2,949.01	1/4	2,590.46	1/4	2,231.90	1/4	1,873.34
1/2		1/2	4,731.69	1/2	4,374.84	1/2	4,016.65	1/2	3,658.28	1/2	3,299.91	1/2	2,941.54	1/2	2,582.99	1/2	2,224.43	1/2	1,865.87
3/4		3/4	4,724.28	3/4	4,367.40	3/4	4,009.18	3/4	3,650.81	3/4	3,292.44	3/4	2,934.08	3/4	2,575.52	3/4	2,216.96	3/4	1,858.40
10		10	4,716.88	10	4,359.95	10	4,001.71	10	3,643.35	10	3,284.98	10	2,926.61	10	2,568.05	10	2,209.49	10	1,850.93
1/4		1/4	4,709.48	1/4	4,352.51	1/4	3,994.25	1/4	3,635.88	1/4	3,277.51	1/4	2,919.14	1/4	2,560.58	1/4	2,202.02	1/4	1,843.46
1/2		1/2	4,702.07	1/2	4,345.06	1/2	3,986.78	1/2	3,628.41	1/2	3,270.05	1/2	2,911.67	1/2	2,553.11	1/2	2,194.55	1/2	1,835.99
3/4		3/4	4,694.67	3/4	4,337.62	3/4	3,979.32	3/4	3,620.95	3/4	3,262.58	3/4	2,904.20	3/4	2,545.64	3/4	2,187.08	3/4	1,828.52
11		11	4,687.26	11	4,330.17	11	3,971.85	11	3,613.48	11	3,255.11	11	2,896.73	11	2,538.17	11	2,179.61	11	1,821.05
1/4		1/4	4,679.86	1/4	4,322.73	1/4	3,964.38	1/4	3,606.02	1/4	3,247.65	1/4	2,889.26	1/4	2,530.70	1/4	2,172.14	1/4	1,813.58
1/2	5,007.97	1/2	4,672.45	1/2	4,315.27	1/2	3,956.92	1/2	3,598.55	1/2	3,240.18	1/2	2,881.79	1/2	2,523.23	1/2	2,164.67	1/2	1,806.11
3/4	5,003.50	3/4	4,665.05	3/4	4,307.81	3/4	3,949.45	3/4	3,591.08	3/4	3,232.72	3/4	2,874.32	3/4	2,515.76	3/4	2,157.20	3/4	1,798.64

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 8" HATCH.
GAUGE POINT: (8" HATCH) LOCATED 12'-09" OFF CENTERLINE AND 41'-11" FORWARD OF AFT BULKHEAD.

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

BARGE "SMI 30035"

1 PORT
ULLAGE TABLE
8" HATCH

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 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	1,791.17	0	1,432.61	0	1,074.23	0	717.71	0	368.43	0	59.91	0		0		0		0	
1/4	1,783.70	1/4	1,425.14	1/4	1,066.79	1/4	710.24	1/4	361.34	1/4	53.87	1/4		1/4		1/4		1/4	
1/2	1,776.23	1/2	1,417.67	1/2	1,059.36	1/2	702.77	1/2	354.33	1/2	48.62	1/2		1/2		1/2		1/2	
3/4	1,768.76	3/4	1,410.20	3/4	1,051.93	3/4	695.30	3/4	347.32	3/4	43.37	3/4		3/4		3/4		3/4	
1	1,761.29	1	1,402.73	1	1,044.50	1	687.83	1	340.31	1	38.12	1		1		1		1	
1/4	1,753.82	1/4	1,395.26	1/4	1,037.07	1/4	680.36	1/4	333.31	1/4	32.87	1/4		1/4		1/4		1/4	
1/2	1,746.35	1/2	1,387.79	1/2	1,029.64	1/2	672.89	1/2	326.39	1/2	29.34	1/2		1/2		1/2		1/2	
3/4	1,738.88	3/4	1,380.32	3/4	1,022.22	3/4	665.42	3/4	319.47	3/4	25.82	3/4		3/4		3/4		3/4	
2	1,731.41	2	1,372.85	2	1,014.79	2	657.95	2	312.55	2	22.29	2		2		2		2	
1/4	1,723.94	1/4	1,365.38	1/4	1,007.36	1/4	650.48	1/4	305.63	1/4	18.76	1/4		1/4		1/4		1/4	
1/2	1,716.47	1/2	1,357.91	1/2	999.94	1/2	643.01	1/2	298.80	1/2		1/2		1/2		1/2		1/2	
3/4	1,709.00	3/4	1,350.44	3/4	992.52	3/4	635.74	3/4	291.97	3/4		3/4		3/4		3/4		3/4	
3	1,701.53	3	1,342.97	3	985.10	3	628.47	3	285.14	3		3		3		3		3	
1/4	1,694.06	1/4	1,335.50	1/4	977.68	1/4	621.20	1/4	278.30	1/4		1/4		1/4		1/4		1/4	
1/2	1,686.59	1/2	1,328.03	1/2	970.26	1/2	613.93	1/2	271.56	1/2		1/2		1/2		1/2		1/2	
3/4	1,679.12	3/4	1,320.56	3/4	962.84	3/4	606.67	3/4	264.82	3/4		3/4		3/4		3/4		3/4	
4	1,671.65	4	1,313.09	4	955.42	4	599.40	4	258.07	4		4		4		4		4	
1/4	1,664.18	1/4	1,305.62	1/4	948.00	1/4	592.13	1/4	251.33	1/4		1/4		1/4		1/4		1/4	
1/2	1,656.71	1/2	1,298.15	1/2	940.58	1/2	584.86	1/2	244.68	1/2		1/2		1/2		1/2		1/2	
3/4	1,649.24	3/4	1,290.68	3/4	933.16	3/4	577.59	3/4	238.02	3/4		3/4		3/4		3/4		3/4	
5	1,641.77	5	1,283.21	5	925.75	5	570.33	5	231.37	5		5		5		5		5	
1/4	1,634.30	1/4	1,275.74	1/4	918.33	1/4	563.06	1/4	224.91	1/4		1/4		1/4		1/4		1/4	
1/2	1,626.83	1/2	1,268.27	1/2	910.91	1/2	555.79	1/2	218.55	1/2		1/2		1/2		1/2		1/2	
3/4	1,619.36	3/4	1,260.80	3/4	903.49	3/4	548.52	3/4	212.18	3/4		3/4		3/4		3/4		3/4	
6	1,611.89	6	1,253.33	6	896.07	6	541.25	6	205.82	6		6		6		6		6	
1/4	1,604.42	1/4	1,245.86	1/4	888.65	1/4	533.98	1/4	199.45	1/4		1/4		1/4		1/4		1/4	
1/2	1,596.95	1/2	1,238.39	1/2	881.23	1/2	526.72	1/2	193.17	1/2		1/2		1/2		1/2		1/2	
3/4	1,589.48	3/4	1,230.92	3/4	873.81	3/4	519.45	3/4	186.90	3/4		3/4		3/4		3/4		3/4	
7	1,582.01	7	1,223.45	7	866.39	7	512.18	7	180.62	7		7		7		7		7	
1/4	1,574.54	1/4	1,215.98	1/4	858.97	1/4	504.91	1/4	174.34	1/4		1/4		1/4		1/4		1/4	
1/2	1,567.07	1/2	1,208.51	1/2	851.55	1/2	497.68	1/2	168.15	1/2		1/2		1/2		1/2		1/2	
3/4	1,559.60	3/4	1,201.04	3/4	844.14	3/4	490.44	3/4	161.96	3/4		3/4		3/4		3/4		3/4	
8	1,552.13	8	1,193.57	8	836.72	8	483.21	8	155.77	8		8		8		8		8	
1/4	1,544.66	1/4	1,186.10	1/4	829.30	1/4	475.97	1/4	149.58	1/4		1/4		1/4		1/4		1/4	
1/2	1,537.19	1/2	1,178.63	1/2	821.88	1/2	468.81	1/2	143.48	1/2		1/2		1/2		1/2		1/2	
3/4	1,529.72	3/4	1,171.16	3/4	814.46	3/4	461.65	3/4	137.38	3/4		3/4		3/4		3/4		3/4	
9	1,522.25	9	1,163.69	9	807.04	9	454.50	9	131.28	9		9		9		9		9	
1/4	1,514.78	1/4	1,156.22	1/4	799.62	1/4	447.34	1/4	125.18	1/4		1/4		1/4		1/4		1/4	
1/2	1,507.31	1/2	1,148.75	1/2	792.20	1/2	440.27	1/2	119.16	1/2		1/2		1/2		1/2		1/2	
3/4	1,499.84	3/4	1,141.28	3/4	784.78	3/4	433.00	3/4	113.15	3/4		3/4		3/4		3/4		3/4	
10	1,492.37	10	1,133.81	10	777.36	10	425.72	10	107.14	10		10		10		10		10	
1/4	1,484.90	1/4	1,126.34	1/4	769.94	1/4	418.45	1/4	101.12	1/4		1/4		1/4		1/4		1/4	
1/2	1,477.43	1/2	1,118.89	1/2	762.49	1/2	411.27	1/2	95.20	1/2		1/2		1/2		1/2		1/2	
3/4	1,469.96	3/4	1,111.45	3/4	755.03	3/4	404.09	3/4	89.27	3/4		3/4		3/4		3/4		3/4	
11	1,462.49	11	1,104.00	11	747.57	11	396.90	11	83.35	11		11		11		11		11	
1/4	1,455.02	1/4	1,096.55	1/4	740.12	1/4	389.72	1/4	77.42	1/4		1/4		1/4		1/4		1/4	
1/2	1,447.55	1/2	1,089.11	1/2	732.65	1/2	382.62	1/2	71.59	1/2		1/2		1/2		1/2		1/2	
3/4	1,440.08	3/4	1,081.67	3/4	725.18	3/4	375.53	3/4	65.75	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/13/2012 CL - SW
CALCULATED: 08/14/2012 CL
PRINTED: 08/16/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2012

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

BARGE "SMI 30035"

1 STBD

ULLAGE TABLE

8" HATCH

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 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	5,003.85	0	4,665.49	0	4,308.35	0	3,950.08	0	3,591.81	0	3,233.53	0	2,875.24	0	2,516.77	0	2,158.30
1/4		1/4	4,999.37	1/4	4,658.09	1/4	4,300.89	1/4	3,942.62	1/4	3,584.34	1/4	3,226.07	1/4	2,867.77	1/4	2,509.30	1/4	2,150.83
1/2		1/2	4,994.90	1/2	4,650.68	1/2	4,293.43	1/2	3,935.16	1/2	3,576.88	1/2	3,218.60	1/2	2,860.30	1/2	2,501.84	1/2	2,143.37
3/4		3/4	4,989.36	3/4	4,643.25	3/4	4,285.97	3/4	3,927.69	3/4	3,569.42	3/4	3,211.14	3/4	2,852.84	3/4	2,494.37	3/4	2,135.90
1		1	4,983.82	1	4,635.82	1	4,278.50	1	3,920.23	1	3,561.95	1	3,203.67	1	2,845.37	1	2,486.90	1	2,128.43
1/4		1/4	4,978.28	1/4	4,628.39	1/4	4,271.04	1/4	3,912.76	1/4	3,554.49	1/4	3,196.21	1/4	2,837.90	1/4	2,479.43	1/4	2,120.96
1/2		1/2	4,972.74	1/2	4,620.96	1/2	4,263.58	1/2	3,905.30	1/2	3,547.02	1/2	3,188.75	1/2	2,830.43	1/2	2,471.96	1/2	2,113.49
3/4		3/4	4,966.14	3/4	4,613.51	3/4	4,256.11	3/4	3,897.84	3/4	3,539.56	3/4	3,181.28	3/4	2,822.96	3/4	2,464.49	3/4	2,106.03
2		2	4,959.53	2	4,606.07	2	4,248.65	2	3,890.37	2	3,532.09	2	3,173.82	2	2,815.50	2	2,457.03	2	2,098.56
1/4		1/4	4,952.93	1/4	4,598.63	1/4	4,241.18	1/4	3,882.91	1/4	3,524.63	1/4	3,166.35	1/4	2,808.03	1/4	2,449.56	1/4	2,091.09
1/2		1/2	4,946.32	1/2	4,591.19	1/2	4,233.72	1/2	3,875.44	1/2	3,517.17	1/2	3,158.89	1/2	2,800.56	1/2	2,442.09	1/2	2,083.62
3/4		3/4	4,939.05	3/4	4,583.74	3/4	4,226.26	3/4	3,867.98	3/4	3,509.70	3/4	3,151.43	3/4	2,793.09	3/4	2,434.62	3/4	2,076.15
3		3	4,931.78	3	4,576.30	3	4,218.79	3	3,860.52	3	3,502.24	3	3,143.96	3	2,785.62	3	2,427.15	3	2,068.69
1/4		1/4	4,924.50	1/4	4,568.86	1/4	4,211.33	1/4	3,853.05	1/4	3,494.77	1/4	3,136.50	1/4	2,778.16	1/4	2,419.69	1/4	2,061.22
1/2		1/2	4,917.23	1/2	4,561.42	1/2	4,203.86	1/2	3,845.59	1/2	3,487.31	1/2	3,129.03	1/2	2,770.69	1/2	2,412.22	1/2	2,053.75
3/4		3/4	4,909.82	3/4	4,553.97	3/4	4,196.40	3/4	3,838.12	3/4	3,479.85	3/4	3,121.57	3/4	2,763.22	3/4	2,404.75	3/4	2,046.28
4		4	4,902.42	4	4,546.53	4	4,188.94	4	3,830.66	4	3,472.38	4	3,114.11	4	2,755.75	4	2,397.28	4	2,038.81
1/4		1/4	4,895.01	1/4	4,539.09	1/4	4,181.47	1/4	3,823.19	1/4	3,464.92	1/4	3,106.64	1/4	2,748.28	1/4	2,389.81	1/4	2,031.35
1/2		1/2	4,887.60	1/2	4,531.65	1/2	4,174.01	1/2	3,815.73	1/2	3,457.45	1/2	3,099.18	1/2	2,740.81	1/2	2,382.35	1/2	2,023.88
3/4		3/4	4,880.20	3/4	4,524.20	3/4	4,166.54	3/4	3,808.27	3/4	3,449.99	3/4	3,091.71	3/4	2,733.35	3/4	2,374.88	3/4	2,016.41
5		5	4,872.79	5	4,516.76	5	4,159.08	5	3,800.80	5	3,442.53	5	3,084.25	5	2,725.88	5	2,367.41	5	2,008.94
1/4		1/4	4,865.38	1/4	4,509.32	1/4	4,151.62	1/4	3,793.34	1/4	3,435.06	1/4	3,076.78	1/4	2,718.41	1/4	2,359.94	1/4	2,001.47
1/2		1/2	4,857.98	1/2	4,501.88	1/2	4,144.15	1/2	3,785.87	1/2	3,427.60	1/2	3,069.32	1/2	2,710.94	1/2	2,352.47	1/2	1,994.00
3/4		3/4	4,850.57	3/4	4,494.43	3/4	4,136.69	3/4	3,778.41	3/4	3,420.13	3/4	3,061.86	3/4	2,703.47	3/4	2,345.01	3/4	1,986.54
6		6	4,843.16	6	4,486.99	6	4,129.22	6	3,770.95	6	3,412.67	6	3,054.39	6	2,696.01	6	2,337.54	6	1,979.07
1/4		1/4	4,835.76	1/4	4,479.55	1/4	4,121.76	1/4	3,763.48	1/4	3,405.21	1/4	3,046.93	1/4	2,688.54	1/4	2,330.07	1/4	1,971.60
1/2		1/2	4,828.35	1/2	4,472.11	1/2	4,114.29	1/2	3,756.02	1/2	3,397.74	1/2	3,039.46	1/2	2,681.07	1/2	2,322.60	1/2	1,964.13
3/4		3/4	4,820.95	3/4	4,464.67	3/4	4,106.83	3/4	3,748.55	3/4	3,390.28	3/4	3,032.00	3/4	2,673.60	3/4	2,315.13	3/4	1,956.66
7		7	4,813.54	7	4,457.22	7	4,099.37	7	3,741.09	7	3,382.81	7	3,024.54	7	2,666.13	7	2,307.66	7	1,949.20
1/4		1/4	4,806.14	1/4	4,449.78	1/4	4,091.90	1/4	3,733.63	1/4	3,375.35	1/4	3,017.07	1/4	2,658.67	1/4	2,300.20	1/4	1,941.73
1/2		1/2	4,798.73	1/2	4,442.34	1/2	4,084.44	1/2	3,726.16	1/2	3,367.88	1/2	3,009.61	1/2	2,651.20	1/2	2,292.73	1/2	1,934.26
3/4		3/4	4,791.33	3/4	4,434.90	3/4	4,076.97	3/4	3,718.70	3/4	3,360.42	3/4	3,002.14	3/4	2,643.73	3/4	2,285.26	3/4	1,926.79
8		8	4,783.93	8	4,427.45	8	4,069.51	8	3,711.23	8	3,352.96	8	2,994.68	8	2,636.26	8	2,277.79	8	1,919.32
1/4		1/4	4,776.53	1/4	4,420.01	1/4	4,062.05	1/4	3,703.77	1/4	3,345.49	1/4	2,987.22	1/4	2,628.79	1/4	2,270.32	1/4	1,911.86
1/2		1/2	4,769.12	1/2	4,412.57	1/2	4,054.58	1/2	3,696.31	1/2	3,338.03	1/2	2,979.75	1/2	2,621.33	1/2	2,262.86	1/2	1,904.39
3/4		3/4	4,761.72	3/4	4,405.13	3/4	4,047.12	3/4	3,688.84	3/4	3,330.56	3/4	2,972.29	3/4	2,613.86	3/4	2,255.39	3/4	1,896.92
9		9	4,754.32	9	4,397.68	9	4,039.65	9	3,681.38	9	3,323.10	9	2,964.82	9	2,606.39	9	2,247.92	9	1,889.45
1/4		1/4	4,746.92	1/4	4,390.24	1/4	4,032.19	1/4	3,673.91	1/4	3,315.64	1/4	2,957.36	1/4	2,598.92	1/4	2,240.45	1/4	1,881.98
1/2		1/2	4,739.51	1/2	4,382.80	1/2	4,024.73	1/2	3,666.45	1/2	3,308.17	1/2	2,949.90	1/2	2,591.45	1/2	2,232.98	1/2	1,874.52
3/4		3/4	4,732.11	3/4	4,375.36	3/4	4,017.26	3/4	3,658.98	3/4	3,300.71	3/4	2,942.43	3/4	2,583.98	3/4	2,225.52	3/4	1,867.05
10		10	4,724.71	10	4,367.91	10	4,009.80	10	3,651.52	10	3,293.24	10	2,934.97	10	2,576.52	10	2,218.05	10	1,859.58
1/4		1/4	4,717.31	1/4	4,360.47	1/4	4,002.33	1/4	3,644.06	1/4	3,285.78	1/4	2,927.50	1/4	2,569.05	1/4	2,210.58	1/4	1,852.11
1/2		1/2	4,709.90	1/2	4,353.03	1/2	3,994.87	1/2	3,636.59	1/2	3,278.32	1/2	2,920.04	1/2	2,561.58	1/2	2,203.11	1/2	1,844.64
3/4		3/4	4,702.50	3/4	4,345.59	3/4	3,987.40	3/4	3,629.13	3/4	3,270.85	3/4	2,912.57	3/4	2,554.11	3/4	2,195.64	3/4	1,837.17
11		11	4,695.10	11	4,338.14	11	3,979.94	11	3,621.66	11	3,263.39	11	2,905.11	11	2,546.64	11	2,188.18	11	1,829.71
1/4		1/4	4,687.70	1/4	4,330.70	1/4	3,972.48	1/4	3,614.20	1/4	3,255.92	1/4	2,897.64	1/4	2,539.18	1/4	2,180.71	1/4	1,822.24
1/2		1/2	4,680.29	1/2	4,323.26	1/2	3,965.01	1/2	3,606.74	1/2	3,248.46	1/2	2,890.18	1/2	2,531.71	1/2	2,173.24	1/2	1,814.77
3/4	5,008.32	3/4	4,672.89	3/4	4,315.80	3/4	3,957.55	3/4	3,599.27	3/4	3,240.99	3/4	2,882.71	3/4	2,524.24	3/4	2,165.77	3/4	1,807.30

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 8" HATCH.
GAUGE POINT: (8" HATCH) LOCATED 12'-09" OFF CENTERLINE AND 41'-11" FORWARD OF AFT BULKHEAD.

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

BARGE "SMI 30035"

1 STBD

ULLAGE TABLE

8" HATCH

GAUGE HEIGHT 15'-02 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,799.83	0	1,441.37	0	1,082.90	0	724.93	0	375.43	0	65.73	0		0		0		0	
1/4	1,792.37	1/4	1,433.90	1/4	1,075.43	1/4	717.46	1/4	368.33	1/4	59.89	1/4		1/4		1/4		1/4	
1/2	1,784.90	1/2	1,426.43	1/2	1,067.96	1/2	709.99	1/2	361.24	1/2	53.85	1/2		1/2		1/2		1/2	
3/4	1,777.43	3/4	1,418.96	3/4	1,060.50	3/4	702.52	3/4	354.24	3/4	48.60	3/4		3/4		3/4		3/4	
1	1,769.96	1	1,411.49	1	1,053.03	1	695.05	1	347.23	1	43.36	1		1		1		1	
1/4	1,762.49	1/4	1,404.02	1/4	1,045.57	1/4	687.59	1/4	340.22	1/4	38.11	1/4		1/4		1/4		1/4	
1/2	1,755.03	1/2	1,396.56	1/2	1,038.11	1/2	680.12	1/2	333.22	1/2	32.86	1/2		1/2		1/2		1/2	
3/4	1,747.56	3/4	1,389.09	3/4	1,030.65	3/4	672.65	3/4	326.30	3/4	29.33	3/4		3/4		3/4		3/4	
2	1,740.09	2	1,381.62	2	1,023.18	2	665.18	2	319.38	2	25.80	2		2		2		2	
1/4	1,732.62	1/4	1,374.15	1/4	1,015.72	1/4	657.72	1/4	312.46	1/4	22.28	1/4		1/4		1/4		1/4	
1/2	1,725.15	1/2	1,366.68	1/2	1,008.26	1/2	650.25	1/2	305.55	1/2	18.75	1/2		1/2		1/2		1/2	
3/4	1,717.68	3/4	1,359.22	3/4	1,000.81	3/4	642.78	3/4	298.72	3/4		3/4		3/4		3/4		3/4	
3	1,710.22	3	1,351.75	3	993.35	3	635.51	3	291.89	3		3		3		3		3	
1/4	1,702.75	1/4	1,344.28	1/4	985.89	1/4	628.25	1/4	285.06	1/4		1/4		1/4		1/4		1/4	
1/2	1,695.28	1/2	1,336.81	1/2	978.44	1/2	620.98	1/2	278.23	1/2		1/2		1/2		1/2		1/2	
3/4	1,687.81	3/4	1,329.34	3/4	970.98	3/4	613.71	3/4	271.49	3/4		3/4		3/4		3/4		3/4	
4	1,680.34	4	1,321.88	4	963.53	4	606.45	4	264.75	4		4		4		4		4	
1/4	1,672.88	1/4	1,314.41	1/4	956.07	1/4	599.18	1/4	258.00	1/4		1/4		1/4		1/4		1/4	
1/2	1,665.41	1/2	1,306.94	1/2	948.62	1/2	591.92	1/2	251.26	1/2		1/2		1/2		1/2		1/2	
3/4	1,657.94	3/4	1,299.47	3/4	941.17	3/4	584.65	3/4	244.61	3/4		3/4		3/4		3/4		3/4	
5	1,650.47	5	1,292.00	5	933.71	5	577.38	5	237.96	5		5		5		5		5	
1/4	1,643.00	1/4	1,284.54	1/4	926.26	1/4	570.12	1/4	231.30	1/4		1/4		1/4		1/4		1/4	
1/2	1,635.54	1/2	1,277.07	1/2	918.80	1/2	562.85	1/2	224.85	1/2		1/2		1/2		1/2		1/2	
3/4	1,628.07	3/4	1,269.60	3/4	911.35	3/4	555.59	3/4	218.49	3/4		3/4		3/4		3/4		3/4	
6	1,620.60	6	1,262.13	6	903.90	6	548.33	6	212.12	6		6		6		6		6	
1/4	1,613.13	1/4	1,254.66	1/4	896.44	1/4	541.07	1/4	205.76	1/4		1/4		1/4		1/4		1/4	
1/2	1,605.66	1/2	1,247.19	1/2	888.99	1/2	533.81	1/2	199.39	1/2		1/2		1/2		1/2		1/2	
3/4	1,598.20	3/4	1,239.73	3/4	881.53	3/4	526.55	3/4	193.12	3/4		3/4		3/4		3/4		3/4	
7	1,590.73	7	1,232.26	7	874.08	7	519.29	7	186.84	7		7		7		7		7	
1/4	1,583.26	1/4	1,224.79	1/4	866.62	1/4	512.03	1/4	180.57	1/4		1/4		1/4		1/4		1/4	
1/2	1,575.79	1/2	1,217.32	1/2	859.17	1/2	504.77	1/2	174.29	1/2		1/2		1/2		1/2		1/2	
3/4	1,568.32	3/4	1,209.85	3/4	851.72	3/4	497.54	3/4	168.10	3/4		3/4		3/4		3/4		3/4	
8	1,560.85	8	1,202.39	8	844.26	8	490.31	8	161.91	8		8		8		8		8	
1/4	1,553.39	1/4	1,194.92	1/4	836.81	1/4	483.08	1/4	155.73	1/4		1/4		1/4		1/4		1/4	
1/2	1,545.92	1/2	1,187.45	1/2	829.35	1/2	475.85	1/2	149.54	1/2		1/2		1/2		1/2		1/2	
3/4	1,538.45	3/4	1,179.98	3/4	821.90	3/4	468.69	3/4	143.44	3/4		3/4		3/4		3/4		3/4	
9	1,530.98	9	1,172.51	9	814.44	9	461.53	9	137.34	9		9		9		9		9	
1/4	1,523.51	1/4	1,165.05	1/4	806.99	1/4	454.38	1/4	131.24	1/4		1/4		1/4		1/4		1/4	
1/2	1,516.05	1/2	1,157.58	1/2	799.54	1/2	447.22	1/2	125.14	1/2		1/2		1/2		1/2		1/2	
3/4	1,508.58	3/4	1,150.11	3/4	792.08	3/4	440.15	3/4	119.13	3/4		3/4		3/4		3/4		3/4	
10	1,501.11	10	1,142.64	10	784.63	10	432.88	10	113.12	10		10		10		10		10	
1/4	1,493.64	1/4	1,135.17	1/4	777.17	1/4	425.61	1/4	107.10	1/4		1/4		1/4		1/4		1/4	
1/2	1,486.17	1/2	1,127.71	1/2	769.72	1/2	418.34	1/2	101.09	1/2		1/2		1/2		1/2		1/2	
3/4	1,478.71	3/4	1,120.24	3/4	762.26	3/4	411.16	3/4	95.17	3/4		3/4		3/4		3/4		3/4	
11	1,471.24	11	1,112.77	11	754.79	11	403.98	11	89.24	11		11		11		11		11	
1/4	1,463.77	1/4	1,105.30	1/4	747.33	1/4	396.80	1/4	83.32	1/4		1/4		1/4		1/4		1/4	
1/2	1,456.30	1/2	1,097.83	1/2	739.86	1/2	389.62	1/2	77.40	1/2		1/2		1/2		1/2		1/2	
3/4	1,448.83	3/4	1,090.36	3/4	732.39	3/4	382.52	3/4	71.56	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/13/2012 CL - SW
CALCULATED: 08/14/2012 CL
PRINTED: 08/15/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2012

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

BARGE "SMI 30035"

2 PORT
ULLAGE TABLE
8" HATCH

GAUGE HEIGHT 15'-02 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0	5,067.99	0	4,731.90	0	4,374.11	0	4,015.15	0	3,656.18	0	3,297.20	0	2,938.20	0	2,579.04	0	2,219.87
1/4		1/4	5,063.51	1/4	4,724.48	1/4	4,366.64	1/4	4,007.68	1/4	3,648.70	1/4	3,289.72	1/4	2,930.72	1/4	2,571.55	1/4	2,212.38
1/2		1/2	5,059.03	1/2	4,717.07	1/2	4,359.17	1/2	4,000.20	1/2	3,641.22	1/2	3,282.24	1/2	2,923.24	1/2	2,564.07	1/2	2,204.90
3/4		3/4	5,054.55	3/4	4,709.65	3/4	4,351.70	3/4	3,992.72	3/4	3,633.74	3/4	3,274.76	3/4	2,915.76	3/4	2,556.59	3/4	2,197.42
1		1	5,048.99	1	4,702.20	1	4,344.22	1	3,985.24	1	3,626.26	1	3,267.28	1	2,908.27	1	2,549.10	1	2,189.93
1/4		1/4	5,043.44	1/4	4,694.76	1/4	4,336.74	1/4	3,977.76	1/4	3,618.78	1/4	3,259.80	1/4	2,900.79	1/4	2,541.62	1/4	2,182.45
1/2		1/2	5,037.89	1/2	4,687.31	1/2	4,329.26	1/2	3,970.28	1/2	3,611.30	1/2	3,252.33	1/2	2,893.31	1/2	2,534.14	1/2	2,174.97
3/4		3/4	5,032.34	3/4	4,679.86	3/4	4,321.78	3/4	3,962.80	3/4	3,603.83	3/4	3,244.85	3/4	2,885.83	3/4	2,526.66	3/4	2,167.49
2		2	5,025.72	2	4,672.41	2	4,314.30	2	3,955.32	2	3,596.35	2	3,237.37	2	2,878.34	2	2,519.17	2	2,160.00
1/4		1/4	5,019.11	1/4	4,664.95	1/4	4,306.82	1/4	3,947.85	1/4	3,588.87	1/4	3,229.89	1/4	2,870.86	1/4	2,511.69	1/4	2,152.62
1/2		1/2	5,012.49	1/2	4,657.49	1/2	4,299.34	1/2	3,940.37	1/2	3,581.39	1/2	3,222.41	1/2	2,863.38	1/2	2,504.21	1/2	2,145.04
3/4		3/4	5,005.87	3/4	4,650.04	3/4	4,291.87	3/4	3,932.89	3/4	3,573.91	3/4	3,214.93	3/4	2,855.90	3/4	2,496.73	3/4	2,137.56
3		3	4,998.58	3	4,642.58	3	4,284.39	3	3,925.41	3	3,566.43	3	3,207.45	3	2,848.41	3	2,489.24	3	2,130.07
1/4		1/4	4,991.30	1/4	4,635.12	1/4	4,276.91	1/4	3,917.93	1/4	3,558.95	1/4	3,199.98	1/4	2,840.93	1/4	2,481.76	1/4	2,122.59
1/2		1/2	4,984.01	1/2	4,627.66	1/2	4,269.43	1/2	3,910.45	1/2	3,551.47	1/2	3,192.50	1/2	2,833.45	1/2	2,474.28	1/2	2,115.11
3/4		3/4	4,976.72	3/4	4,620.21	3/4	4,261.95	3/4	3,902.97	3/4	3,544.00	3/4	3,185.02	3/4	2,825.96	3/4	2,466.79	3/4	2,107.63
4		4	4,969.30	4	4,612.75	4	4,254.47	4	3,895.49	4	3,536.52	4	3,177.54	4	2,818.48	4	2,459.31	4	2,100.14
1/4		1/4	4,961.88	1/4	4,605.29	1/4	4,246.99	1/4	3,888.02	1/4	3,529.04	1/4	3,170.06	1/4	2,811.00	1/4	2,451.83	1/4	2,092.66
1/2		1/2	4,954.46	1/2	4,597.84	1/2	4,239.51	1/2	3,880.54	1/2	3,521.56	1/2	3,162.58	1/2	2,803.52	1/2	2,444.35	1/2	2,085.18
3/4		3/4	4,947.04	3/4	4,590.38	3/4	4,232.04	3/4	3,873.06	3/4	3,514.08	3/4	3,155.10	3/4	2,796.03	3/4	2,436.86	3/4	2,077.69
5		5	4,939.62	5	4,582.92	5	4,224.56	5	3,865.58	5	3,506.60	5	3,147.62	5	2,788.55	5	2,429.38	5	2,070.21
1/4		1/4	4,932.19	1/4	4,575.47	1/4	4,217.08	1/4	3,858.10	1/4	3,499.12	1/4	3,140.15	1/4	2,781.07	1/4	2,421.90	1/4	2,062.73
1/2		1/2	4,924.77	1/2	4,568.01	1/2	4,209.60	1/2	3,850.62	1/2	3,491.64	1/2	3,132.67	1/2	2,773.59	1/2	2,414.42	1/2	2,055.25
3/4		3/4	4,917.35	3/4	4,560.55	3/4	4,202.12	3/4	3,843.14	3/4	3,484.17	3/4	3,125.19	3/4	2,766.10	3/4	2,406.93	3/4	2,047.76
6		6	4,909.93	6	4,553.09	6	4,194.64	6	3,835.66	6	3,476.69	6	3,117.71	6	2,758.62	6	2,399.45	6	2,040.28
1/4		1/4	4,902.51	1/4	4,545.64	1/4	4,187.16	1/4	3,828.19	1/4	3,469.21	1/4	3,110.23	1/4	2,751.14	1/4	2,391.97	1/4	2,032.80
1/2		1/2	4,895.09	1/2	4,538.18	1/2	4,179.69	1/2	3,820.71	1/2	3,461.73	1/2	3,102.75	1/2	2,743.65	1/2	2,384.49	1/2	2,025.32
3/4		3/4	4,887.67	3/4	4,530.72	3/4	4,172.21	3/4	3,813.23	3/4	3,454.25	3/4	3,095.27	3/4	2,736.17	3/4	2,377.00	3/4	2,017.83
7		7	4,880.25	7	4,523.27	7	4,164.73	7	3,805.75	7	3,446.77	7	3,087.79	7	2,728.69	7	2,369.52	7	2,010.35
1/4		1/4	4,872.83	1/4	4,515.81	1/4	4,157.25	1/4	3,798.27	1/4	3,439.29	1/4	3,080.32	1/4	2,721.21	1/4	2,362.04	1/4	2,002.87
1/2		1/2	4,865.41	1/2	4,508.35	1/2	4,149.77	1/2	3,790.79	1/2	3,431.82	1/2	3,072.84	1/2	2,713.72	1/2	2,354.55	1/2	1,995.38
3/4		3/4	4,857.99	3/4	4,500.90	3/4	4,142.29	3/4	3,783.31	3/4	3,424.34	3/4	3,065.36	3/4	2,706.24	3/4	2,347.07	3/4	1,987.90
8		8	4,850.58	8	4,493.44	8	4,134.81	8	3,775.84	8	3,416.86	8	3,057.88	8	2,698.76	8	2,339.59	8	1,980.42
1/4		1/4	4,843.16	1/4	4,485.98	1/4	4,127.33	1/4	3,768.36	1/4	3,409.38	1/4	3,050.40	1/4	2,691.28	1/4	2,332.11	1/4	1,972.94
1/2		1/2	4,835.74	1/2	4,478.52	1/2	4,119.86	1/2	3,760.88	1/2	3,401.90	1/2	3,042.92	1/2	2,683.79	1/2	2,324.62	1/2	1,965.45
3/4		3/4	4,828.33	3/4	4,471.07	3/4	4,112.38	3/4	3,753.40	3/4	3,394.42	3/4	3,035.44	3/4	2,676.31	3/4	2,317.14	3/4	1,957.97
9		9	4,820.91	9	4,463.61	9	4,104.90	9	3,745.92	9	3,386.94	9	3,027.97	9	2,668.83	9	2,309.66	9	1,950.49
1/4		1/4	4,813.49	1/4	4,456.15	1/4	4,097.42	1/4	3,738.44	1/4	3,379.46	1/4	3,020.49	1/4	2,661.34	1/4	2,302.18	1/4	1,943.01
1/2		1/2	4,806.07	1/2	4,448.70	1/2	4,089.94	1/2	3,730.96	1/2	3,371.99	1/2	3,013.01	1/2	2,653.86	1/2	2,294.69	1/2	1,935.52
3/4		3/4	4,798.66	3/4	4,441.24	3/4	4,082.46	3/4	3,723.48	3/4	3,364.51	3/4	3,005.53	3/4	2,646.38	3/4	2,287.21	3/4	1,928.04
10		10	4,791.24	10	4,433.78	10	4,074.98	10	3,716.01	10	3,357.03	10	2,998.05	10	2,638.90	10	2,279.73	10	1,920.56
1/4		1/4	4,783.82	1/4	4,426.33	1/4	4,067.50	1/4	3,708.53	1/4	3,349.55	1/4	2,990.57	1/4	2,631.41	1/4	2,272.24	1/4	1,913.07
1/2		1/2	4,776.40	1/2	4,418.87	1/2	4,060.03	1/2	3,701.05	1/2	3,342.07	1/2	2,983.09	1/2	2,623.93	1/2	2,264.76	1/2	1,905.59
3/4		3/4	4,768.99	3/4	4,411.41	3/4	4,052.55	3/4	3,693.57	3/4	3,334.59	3/4	2,975.61	3/4	2,616.45	3/4	2,257.28	3/4	1,898.11
11		11	4,761.57	11	4,403.95	11	4,045.07	11	3,686.09	11	3,327.11	11	2,968.13	11	2,608.97	11	2,249.80	11	1,890.63
1/4		1/4	4,754.15	1/4	4,396.50	1/4	4,037.59	1/4	3,678.61	1/4	3,319.63	1/4	2,960.65	1/4	2,601.48	1/4	2,242.31	1/4	1,883.14
1/2		1/2	4,746.74	1/2	4,389.04	1/2	4,030.11	1/2	3,671.13	1/2	3,312.16	1/2	2,953.17	1/2	2,594.00	1/2	2,234.83	1/2	1,875.66
3/4		3/4	4,739.32	3/4	4,381.58	3/4	4,022.63	3/4	3,663.65	3/4	3,304.68	3/4	2,945.69	3/4	2,586.52	3/4	2,227.35	3/4	1,868.18

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 8" HATCH.
GAUGE POINT: (8" HATCH) LOCATED 12'-09" OFF CENTERLINE AND 41'-02" FORWARD OF AFT BULKHEAD.

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

BARGE "SMI 30035"

2 PORT
ULLAGE TABLE
8" HATCH

GAUGE HEIGHT 15'-02 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,860.70	0	1,501.53	0	1,143.49	0	797.56	0	444.06	0	90.16	0		0		0		0	
1/4	1,853.21	1/4	1,494.04	1/4	1,136.29	1/4	790.08	1/4	436.58	1/4	82.88	1/4		1/4		1/4		1/4	
1/2	1,845.73	1/2	1,486.56	1/2	1,129.09	1/2	782.60	1/2	429.10	1/2	75.60	1/2		1/2		1/2		1/2	
3/4	1,838.25	3/4	1,479.08	3/4	1,121.89	3/4	775.11	3/4	421.62	3/4	68.12	3/4		3/4		3/4		3/4	
1	1,830.77	1	1,471.60	1	1,114.70	1	767.63	1	414.13	1	61.34	1		1		1		1	
1/4	1,823.28	1/4	1,464.11	1/4	1,107.51	1/4	760.15	1/4	406.65	1/4	54.56	1/4		1/4		1/4		1/4	
1/2	1,815.80	1/2	1,456.63	1/2	1,100.32	1/2	752.67	1/2	399.17	1/2	47.77	1/2		1/2		1/2		1/2	
3/4	1,808.32	3/4	1,449.15	3/4	1,093.13	3/4	745.18	3/4	391.69	3/4	40.99	3/4		3/4		3/4		3/4	
2	1,800.83	2	1,441.66	2	1,085.95	2	737.70	2	384.20	2	35.85	2		2		2		2	
1/4	1,793.35	1/4	1,434.18	1/4	1,078.76	1/4	730.22	1/4	376.72	1/4	30.71	1/4		1/4		1/4		1/4	
1/2	1,785.87	1/2	1,426.70	1/2	1,071.57	1/2	722.74	1/2	369.24	1/2	25.56	1/2		1/2		1/2		1/2	
3/4	1,778.39	3/4	1,419.22	3/4	1,064.39	3/4	715.25	3/4	361.76	3/4	20.42	3/4		3/4		3/4		3/4	
3	1,770.90	3	1,411.73	3	1,057.21	3	707.77	3	354.27	3		3		3		3		3	
1/4	1,763.42	1/4	1,404.25	1/4	1,050.03	1/4	700.49	1/4	346.79	1/4		1/4		1/4		1/4		1/4	
1/2	1,755.94	1/2	1,396.77	1/2	1,042.85	1/2	693.21	1/2	339.31	1/2		1/2		1/2		1/2		1/2	
3/4	1,748.46	3/4	1,389.29	3/4	1,035.67	3/4	685.93	3/4	331.83	3/4		3/4		3/4		3/4		3/4	
4	1,740.97	4	1,381.80	4	1,028.49	4	678.65	4	324.34	4		4		4		4		4	
1/4	1,733.49	1/4	1,374.32	1/4	1,021.31	1/4	671.37	1/4	316.86	1/4		1/4		1/4		1/4		1/4	
1/2	1,726.01	1/2	1,366.84	1/2	1,014.13	1/2	664.09	1/2	309.38	1/2		1/2		1/2		1/2		1/2	
3/4	1,718.52	3/4	1,359.36	3/4	1,006.95	3/4	656.81	3/4	301.90	3/4		3/4		3/4		3/4		3/4	
5	1,711.04	5	1,351.87	5	999.77	5	649.53	5	294.41	5		5		5		5		5	
1/4	1,703.56	1/4	1,344.39	1/4	992.60	1/4	642.25	1/4	286.93	1/4		1/4		1/4		1/4		1/4	
1/2	1,696.08	1/2	1,336.91	1/2	985.42	1/2	634.97	1/2	279.45	1/2		1/2		1/2		1/2		1/2	
3/4	1,688.59	3/4	1,329.42	3/4	978.24	3/4	627.69	3/4	272.17	3/4		3/4		3/4		3/4		3/4	
6	1,681.11	6	1,321.94	6	971.06	6	620.41	6	264.89	6		6		6		6		6	
1/4	1,673.63	1/4	1,314.46	1/4	963.88	1/4	613.13	1/4	257.61	1/4		1/4		1/4		1/4		1/4	
1/2	1,666.15	1/2	1,306.98	1/2	956.70	1/2	605.85	1/2	250.33	1/2		1/2		1/2		1/2		1/2	
3/4	1,658.66	3/4	1,299.49	3/4	949.52	3/4	598.57	3/4	243.05	3/4		3/4		3/4		3/4		3/4	
7	1,651.18	7	1,292.01	7	942.35	7	591.29	7	235.77	7		7		7		7		7	
1/4	1,643.70	1/4	1,284.53	1/4	935.17	1/4	584.01	1/4	228.49	1/4		1/4		1/4		1/4		1/4	
1/2	1,636.22	1/2	1,277.05	1/2	927.99	1/2	576.73	1/2	221.21	1/2		1/2		1/2		1/2		1/2	
3/4	1,628.73	3/4	1,269.56	3/4	920.81	3/4	569.45	3/4	213.93	3/4		3/4		3/4		3/4		3/4	
8	1,621.25	8	1,262.08	8	913.63	8	562.17	8	206.65	8		8		8		8		8	
1/4	1,613.77	1/4	1,254.60	1/4	906.45	1/4	554.89	1/4	199.36	1/4		1/4		1/4		1/4		1/4	
1/2	1,606.28	1/2	1,247.11	1/2	899.28	1/2	547.60	1/2	192.08	1/2		1/2		1/2		1/2		1/2	
3/4	1,598.80	3/4	1,239.63	3/4	892.10	3/4	540.32	3/4	184.80	3/4		3/4		3/4		3/4		3/4	
9	1,591.32	9	1,232.15	9	884.92	9	533.04	9	177.52	9		9		9		9		9	
1/4	1,583.84	1/4	1,224.67	1/4	877.74	1/4	525.76	1/4	170.24	1/4		1/4		1/4		1/4		1/4	
1/2	1,576.35	1/2	1,217.18	1/2	870.56	1/2	518.48	1/2	162.96	1/2		1/2		1/2		1/2		1/2	
3/4	1,568.87	3/4	1,209.70	3/4	863.38	3/4	511.20	3/4	155.68	3/4		3/4		3/4		3/4		3/4	
10	1,561.39	10	1,202.22	10	856.21	10	503.92	10	148.40	10		10		10		10		10	
1/4	1,553.91	1/4	1,194.74	1/4	849.03	1/4	496.44	1/4	141.12	1/4		1/4		1/4		1/4		1/4	
1/2	1,546.42	1/2	1,187.25	1/2	841.85	1/2	488.96	1/2	133.84	1/2		1/2		1/2		1/2		1/2	
3/4	1,538.94	3/4	1,179.77	3/4	834.67	3/4	481.48	3/4	126.56	3/4		3/4		3/4		3/4		3/4	
11	1,531.46	11	1,172.50	11	827.26	11	473.99	11	119.28	11		11		11		11		11	
1/4	1,523.97	1/4	1,165.23	1/4	819.86	1/4	466.51	1/4	112.00	1/4		1/4		1/4		1/4		1/4	
1/2	1,516.49	1/2	1,157.96	1/2	812.45	1/2	459.03	1/2	104.72	1/2		1/2		1/2		1/2		1/2	
3/4	1,509.01	3/4	1,150.69	3/4	805.04	3/4	451.55	3/4	97.44	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/13/2012 CL - SW
CALCULATED: 08/14/2012 CL
PRINTED: 08/15/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2012

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

BARGE "SMI 30035"

2 STBD

ULLAGE TABLE

8" HATCH

GAUGE HEIGHT 15'-03"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,756.69	0	4,398.70	0	4,039.48	0	3,680.25	0	3,321.01	0	2,961.75	0	2,602.32	0	2,242.90
1/4		1/4	5,085.61	1/4	4,749.27	1/4	4,391.22	1/4	4,032.00	1/4	3,672.76	1/4	3,313.52	1/4	2,954.27	1/4	2,594.84	1/4	2,235.41
1/2		1/2	5,081.13	1/2	4,741.85	1/2	4,383.74	1/2	4,024.51	1/2	3,665.28	1/2	3,306.04	1/2	2,946.78	1/2	2,587.35	1/2	2,227.92
3/4		3/4	5,076.64	3/4	4,734.42	3/4	4,376.26	3/4	4,017.03	3/4	3,657.79	3/4	3,298.56	3/4	2,939.29	3/4	2,579.86	3/4	2,220.43
1		1	5,072.16	1	4,727.00	1	4,368.78	1	4,009.55	1	3,650.31	1	3,291.07	1	2,931.80	1	2,572.37	1	2,212.94
1/4		1/4	5,066.60	1/4	4,719.55	1/4	4,361.30	1/4	4,002.06	1/4	3,642.82	1/4	3,283.59	1/4	2,924.31	1/4	2,564.88	1/4	2,205.46
1/2		1/2	5,061.05	1/2	4,712.10	1/2	4,353.81	1/2	3,994.58	1/2	3,635.34	1/2	3,276.10	1/2	2,916.83	1/2	2,557.40	1/2	2,197.97
3/4		3/4	5,055.49	3/4	4,704.65	3/4	4,346.33	3/4	3,987.09	3/4	3,627.86	3/4	3,268.62	3/4	2,909.34	3/4	2,549.91	3/4	2,190.48
2		2	5,049.94	2	4,697.19	2	4,338.85	2	3,979.61	2	3,620.37	2	3,261.14	2	2,901.85	2	2,542.42	2	2,182.99
1/4		1/4	5,043.31	1/4	4,689.73	1/4	4,331.36	1/4	3,972.13	1/4	3,612.89	1/4	3,253.65	1/4	2,894.36	1/4	2,534.93	1/4	2,175.50
1/2		1/2	5,036.69	1/2	4,682.27	1/2	4,323.88	1/2	3,964.64	1/2	3,605.40	1/2	3,246.17	1/2	2,886.87	1/2	2,527.44	1/2	2,168.02
3/4		3/4	5,030.06	3/4	4,674.81	3/4	4,316.39	3/4	3,957.16	3/4	3,597.92	3/4	3,238.68	3/4	2,879.38	3/4	2,519.96	3/4	2,160.53
3		3	5,023.44	3	4,667.34	3	4,308.91	3	3,949.67	3	3,590.44	3	3,231.20	3	2,871.90	3	2,512.47	3	2,153.04
1/4		1/4	5,016.15	1/4	4,659.88	1/4	4,301.43	1/4	3,942.19	1/4	3,582.95	1/4	3,223.72	1/4	2,864.41	1/4	2,504.98	1/4	2,145.55
1/2		1/2	5,008.85	1/2	4,652.42	1/2	4,293.94	1/2	3,934.70	1/2	3,575.47	1/2	3,216.23	1/2	2,856.92	1/2	2,497.49	1/2	2,138.06
3/4		3/4	5,001.56	3/4	4,644.96	3/4	4,286.46	3/4	3,927.22	3/4	3,567.98	3/4	3,208.75	3/4	2,849.43	3/4	2,490.00	3/4	2,130.57
4		4	4,994.27	4	4,637.49	4	4,278.97	4	3,919.74	4	3,560.50	4	3,201.26	4	2,841.94	4	2,482.52	4	2,123.09
1/4		1/4	4,986.84	1/4	4,630.03	1/4	4,271.49	1/4	3,912.25	1/4	3,553.02	1/4	3,193.78	1/4	2,834.46	1/4	2,475.03	1/4	2,115.60
1/2		1/2	4,979.41	1/2	4,622.57	1/2	4,264.01	1/2	3,904.77	1/2	3,545.53	1/2	3,186.29	1/2	2,826.97	1/2	2,467.54	1/2	2,108.11
3/4		3/4	4,971.99	3/4	4,615.11	3/4	4,256.52	3/4	3,897.28	3/4	3,538.05	3/4	3,178.81	3/4	2,819.48	3/4	2,460.05	3/4	2,100.62
5		5	4,964.56	5	4,607.64	5	4,249.04	5	3,889.80	5	3,530.56	5	3,171.33	5	2,811.99	5	2,452.56	5	2,093.13
1/4		1/4	4,957.13	1/4	4,600.18	1/4	4,241.55	1/4	3,882.32	1/4	3,523.08	1/4	3,163.84	1/4	2,804.50	1/4	2,445.07	1/4	2,085.65
1/2		1/2	4,949.71	1/2	4,592.72	1/2	4,234.07	1/2	3,874.83	1/2	3,515.60	1/2	3,156.36	1/2	2,797.02	1/2	2,437.59	1/2	2,078.16
3/4		3/4	4,942.28	3/4	4,585.26	3/4	4,226.58	3/4	3,867.35	3/4	3,508.11	3/4	3,148.87	3/4	2,789.53	3/4	2,430.10	3/4	2,070.67
6		6	4,934.85	6	4,577.79	6	4,219.10	6	3,859.86	6	3,500.63	6	3,141.39	6	2,782.04	6	2,422.61	6	2,063.18
1/4		1/4	4,927.43	1/4	4,570.33	1/4	4,211.62	1/4	3,852.38	1/4	3,493.14	1/4	3,133.91	1/4	2,774.55	1/4	2,415.12	1/4	2,055.69
1/2		1/2	4,920.00	1/2	4,562.87	1/2	4,204.13	1/2	3,844.90	1/2	3,485.66	1/2	3,126.42	1/2	2,767.06	1/2	2,407.63	1/2	2,048.21
3/4		3/4	4,912.58	3/4	4,555.41	3/4	4,196.65	3/4	3,837.41	3/4	3,478.17	3/4	3,118.94	3/4	2,759.57	3/4	2,400.15	3/4	2,040.72
7		7	4,905.15	7	4,547.94	7	4,189.16	7	3,829.93	7	3,470.69	7	3,111.45	7	2,752.09	7	2,392.66	7	2,033.23
1/4		1/4	4,897.72	1/4	4,540.48	1/4	4,181.68	1/4	3,822.44	1/4	3,463.21	1/4	3,103.97	1/4	2,744.60	1/4	2,385.17	1/4	2,025.74
1/2		1/2	4,890.30	1/2	4,533.02	1/2	4,174.20	1/2	3,814.96	1/2	3,455.72	1/2	3,096.49	1/2	2,737.11	1/2	2,377.68	1/2	2,018.25
3/4		3/4	4,882.88	3/4	4,525.56	3/4	4,166.71	3/4	3,807.48	3/4	3,448.24	3/4	3,089.00	3/4	2,729.62	3/4	2,370.19	3/4	2,010.76
8		8	4,875.45	8	4,518.10	8	4,159.23	8	3,799.99	8	3,440.75	8	3,081.52	8	2,722.13	8	2,362.71	8	2,003.28
1/4		1/4	4,868.03	1/4	4,510.63	1/4	4,151.74	1/4	3,792.51	1/4	3,433.27	1/4	3,074.03	1/4	2,714.65	1/4	2,355.22	1/4	1,995.79
1/2		1/2	4,860.61	1/2	4,503.17	1/2	4,144.26	1/2	3,785.02	1/2	3,425.79	1/2	3,066.55	1/2	2,707.16	1/2	2,347.73	1/2	1,988.30
3/4		3/4	4,853.19	3/4	4,495.71	3/4	4,136.78	3/4	3,777.54	3/4	3,418.30	3/4	3,059.06	3/4	2,699.67	3/4	2,340.24	3/4	1,980.81
9		9	4,845.76	9	4,488.25	9	4,129.29	9	3,770.05	9	3,410.82	9	3,051.58	9	2,692.18	9	2,332.75	9	1,973.32
1/4		1/4	4,838.34	1/4	4,480.78	1/4	4,121.81	1/4	3,762.57	1/4	3,403.33	1/4	3,044.10	1/4	2,684.69	1/4	2,325.27	1/4	1,965.84
1/2		1/2	4,830.92	1/2	4,473.32	1/2	4,114.32	1/2	3,755.09	1/2	3,395.85	1/2	3,036.61	1/2	2,677.21	1/2	2,317.78	1/2	1,958.35
3/4		3/4	4,823.50	3/4	4,465.86	3/4	4,106.84	3/4	3,747.60	3/4	3,388.37	3/4	3,029.13	3/4	2,669.72	3/4	2,310.29	3/4	1,950.86
10		10	4,816.07	10	4,458.40	10	4,099.35	10	3,740.12	10	3,380.88	10	3,021.64	10	2,662.23	10	2,302.80	10	1,943.37
1/4		1/4	4,808.65	1/4	4,450.93	1/4	4,091.87	1/4	3,732.63	1/4	3,373.40	1/4	3,014.16	1/4	2,654.74	1/4	2,295.31	1/4	1,935.88
1/2		1/2	4,801.23	1/2	4,443.47	1/2	4,084.39	1/2	3,725.15	1/2	3,365.91	1/2	3,006.68	1/2	2,647.25	1/2	2,287.82	1/2	1,928.40
3/4		3/4	4,793.81	3/4	4,436.01	3/4	4,076.90	3/4	3,717.67	3/4	3,358.43	3/4	2,999.19	3/4	2,639.77	3/4	2,280.34	3/4	1,920.91
11		11	4,786.38	11	4,428.55	11	4,069.42	11	3,710.18	11	3,350.94	11	2,991.71	11	2,632.28	11	2,272.85	11	1,913.42
1/4		1/4	4,778.96	1/4	4,421.08	1/4	4,061.93	1/4	3,702.70	1/4	3,343.46	1/4	2,984.22	1/4	2,624.79	1/4	2,265.36	1/4	1,905.93
1/2		1/2	4,771.54	1/2	4,413.62	1/2	4,054.45	1/2	3,695.21	1/2	3,335.98	1/2	2,976.73	1/2	2,617.30	1/2	2,257.87	1/2	1,898.44
3/4		3/4	4,764.11	3/4	4,406.16	3/4	4,046.97	3/4	3,687.73	3/4	3,328.49	3/4	2,969.24	3/4	2,609.81	3/4	2,250.38	3/4	1,890.96

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 8" HATCH.
GAUGE POINT: (8" HATCH) LOCATED 12'-09" OFF CENTERLINE AND 41'-02" FORWARD OF AFT BULKHEAD.

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

BARGE "SMI 30035"

2 STBD

ULLAGE TABLE

8" HATCH

GAUGE HEIGHT 15'-03"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,883.47	0	1,524.04	0	1,164.61	0	805.64	0	451.88	0	97.52	0		0		0		0	
1/4	1,875.98	1/4	1,516.55	1/4	1,157.12	1/4	798.15	1/4	444.39	1/4	90.23	1/4		1/4		1/4		1/4	
1/2	1,868.49	1/2	1,509.06	1/2	1,149.63	1/2	790.66	1/2	436.90	1/2	82.94	1/2		1/2		1/2		1/2	
3/4	1,861.00	3/4	1,501.57	3/4	1,142.15	3/4	783.18	3/4	429.42	3/4	75.66	3/4		3/4		3/4		3/4	
1	1,853.51	1	1,494.09	1	1,134.66	1	775.69	1	421.93	1	68.17	1		1		1		1	
1/4	1,846.03	1/4	1,486.60	1/4	1,127.17	1/4	768.20	1/4	414.44	1/4	61.38	1/4		1/4		1/4		1/4	
1/2	1,838.54	1/2	1,479.11	1/2	1,119.69	1/2	760.71	1/2	406.95	1/2	54.60	1/2		1/2		1/2		1/2	
3/4	1,831.05	3/4	1,471.62	3/4	1,112.21	3/4	753.22	3/4	399.46	3/4	47.81	3/4		3/4		3/4		3/4	
2	1,823.56	2	1,464.13	2	1,104.72	2	745.74	2	391.98	2	41.03	2		2		2		2	
1/4	1,816.07	1/4	1,456.65	1/4	1,097.24	1/4	738.25	1/4	384.49	1/4	35.88	1/4		1/4		1/4		1/4	
1/2	1,808.59	1/2	1,449.16	1/2	1,089.76	1/2	730.76	1/2	377.00	1/2	30.73	1/2		1/2		1/2		1/2	
3/4	1,801.10	3/4	1,441.67	3/4	1,082.27	3/4	723.27	3/4	369.51	3/4	25.58	3/4		3/4		3/4		3/4	
3	1,793.61	3	1,434.18	3	1,074.79	3	715.78	3	362.02	3	20.43	3		3		3		3	
1/4	1,786.12	1/4	1,426.69	1/4	1,067.31	1/4	708.30	1/4	354.54	1/4		1/4		1/4		1/4		1/4	
1/2	1,778.63	1/2	1,419.21	1/2	1,059.84	1/2	701.01	1/2	347.05	1/2		1/2		1/2		1/2		1/2	
3/4	1,771.15	3/4	1,411.72	3/4	1,052.36	3/4	693.73	3/4	339.56	3/4		3/4		3/4		3/4		3/4	
4	1,763.66	4	1,404.23	4	1,044.88	4	686.44	4	332.07	4		4		4		4		4	
1/4	1,756.17	1/4	1,396.74	1/4	1,037.41	1/4	679.15	1/4	324.58	1/4		1/4		1/4		1/4		1/4	
1/2	1,748.68	1/2	1,389.25	1/2	1,029.93	1/2	671.87	1/2	317.10	1/2		1/2		1/2		1/2		1/2	
3/4	1,741.19	3/4	1,381.76	3/4	1,022.46	3/4	664.58	3/4	309.61	3/4		3/4		3/4		3/4		3/4	
5	1,733.71	5	1,374.28	5	1,014.98	5	657.30	5	302.12	5		5		5		5		5	
1/4	1,726.22	1/4	1,366.79	1/4	1,007.51	1/4	650.01	1/4	294.63	1/4		1/4		1/4		1/4		1/4	
1/2	1,718.73	1/2	1,359.30	1/2	1,000.03	1/2	642.72	1/2	287.15	1/2		1/2		1/2		1/2		1/2	
3/4	1,711.24	3/4	1,351.81	3/4	992.56	3/4	635.44	3/4	279.66	3/4		3/4		3/4		3/4		3/4	
6	1,703.75	6	1,344.32	6	985.08	6	628.15	6	272.37	6		6		6		6		6	
1/4	1,696.26	1/4	1,336.84	1/4	977.61	1/4	620.87	1/4	265.09	1/4		1/4		1/4		1/4		1/4	
1/2	1,688.78	1/2	1,329.35	1/2	970.13	1/2	613.58	1/2	257.80	1/2		1/2		1/2		1/2		1/2	
3/4	1,681.29	3/4	1,321.86	3/4	962.66	3/4	606.30	3/4	250.51	3/4		3/4		3/4		3/4		3/4	
7	1,673.80	7	1,314.37	7	955.18	7	599.01	7	243.23	7		7		7		7		7	
1/4	1,666.31	1/4	1,306.88	1/4	947.71	1/4	591.72	1/4	235.94	1/4		1/4		1/4		1/4		1/4	
1/2	1,658.82	1/2	1,299.40	1/2	940.23	1/2	584.44	1/2	228.66	1/2		1/2		1/2		1/2		1/2	
3/4	1,651.34	3/4	1,291.91	3/4	932.76	3/4	577.15	3/4	221.37	3/4		3/4		3/4		3/4		3/4	
8	1,643.85	8	1,284.42	8	925.28	8	569.87	8	214.09	8		8		8		8		8	
1/4	1,636.36	1/4	1,276.93	1/4	917.81	1/4	562.58	1/4	206.80	1/4		1/4		1/4		1/4		1/4	
1/2	1,628.87	1/2	1,269.44	1/2	910.33	1/2	555.30	1/2	199.51	1/2		1/2		1/2		1/2		1/2	
3/4	1,621.38	3/4	1,261.95	3/4	902.86	3/4	548.01	3/4	192.23	3/4		3/4		3/4		3/4		3/4	
9	1,613.90	9	1,254.47	9	895.38	9	540.72	9	184.94	9		9		9		9		9	
1/4	1,606.41	1/4	1,246.98	1/4	887.91	1/4	533.44	1/4	177.66	1/4		1/4		1/4		1/4		1/4	
1/2	1,598.92	1/2	1,239.49	1/2	880.43	1/2	526.15	1/2	170.37	1/2		1/2		1/2		1/2		1/2	
3/4	1,591.43	3/4	1,232.00	3/4	872.95	3/4	518.87	3/4	163.09	3/4		3/4		3/4		3/4		3/4	
10	1,583.94	10	1,224.51	10	865.48	10	511.58	10	155.80	10		10		10		10		10	
1/4	1,576.46	1/4	1,217.03	1/4	858.00	1/4	504.29	1/4	148.51	1/4		1/4		1/4		1/4		1/4	
1/2	1,568.97	1/2	1,209.54	1/2	850.53	1/2	496.81	1/2	141.23	1/2		1/2		1/2		1/2		1/2	
3/4	1,561.48	3/4	1,202.05	3/4	843.05	3/4	489.32	3/4	133.94	3/4		3/4		3/4		3/4		3/4	
11	1,553.99	11	1,194.56	11	835.58	11	481.83	11	126.66	11		11		11		11		11	
1/4	1,546.50	1/4	1,187.07	1/4	828.09	1/4	474.34	1/4	119.37	1/4		1/4		1/4		1/4		1/4	
1/2	1,539.01	1/2	1,179.59	1/2	820.61	1/2	466.86	1/2	112.09	1/2		1/2		1/2		1/2		1/2	
3/4	1,531.53	3/4	1,172.10	3/4	813.12	3/4	459.37	3/4	104.80	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/13/2012 CL - SW
CALCULATED: 08/14/2012 CL
PRINTED: 08/15/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2012

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

BARGE "SMI 30035"

3 PORT
ULLAGE TABLE
8" HATCH

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 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	4,125.50	0	4,010.05	0	3,874.21	0	3,737.59	0	3,600.96	0	3,281.22	0	2,924.25	0	2,567.06	0	2,211.02
1/4		1/4	4,125.38	1/4	4,007.24	1/4	3,871.37	1/4	3,734.74	1/4	3,598.11	1/4	3,273.81	1/4	2,916.81	1/4	2,559.61	1/4	2,203.64
1/2		1/2	4,125.25	1/2	4,004.44	1/2	3,868.53	1/2	3,731.90	1/2	3,595.27	1/2	3,266.39	1/2	2,909.37	1/2	2,552.16	1/2	2,196.25
3/4		3/4	4,125.13	3/4	4,001.64	3/4	3,865.68	3/4	3,729.05	3/4	3,592.42	3/4	3,258.97	3/4	2,901.93	3/4	2,544.71	3/4	2,188.87
1		1	4,124.18	1	3,998.81	1	3,862.84	1	3,726.20	1	3,589.57	1	3,251.54	1	2,894.49	1	2,537.26	1	2,181.48
1/4		1/4	4,123.24	1/4	3,995.98	1/4	3,859.99	1/4	3,723.36	1/4	3,586.73	1/4	3,244.11	1/4	2,887.05	1/4	2,529.82	1/4	2,174.09
1/2		1/2	4,122.30	1/2	3,993.16	1/2	3,857.14	1/2	3,720.51	1/2	3,583.88	1/2	3,236.67	1/2	2,879.61	1/2	2,522.37	1/2	2,166.71
3/4		3/4	4,121.36	3/4	3,990.33	3/4	3,854.30	3/4	3,717.67	3/4	3,581.03	3/4	3,229.24	3/4	2,872.17	3/4	2,514.92	3/4	2,159.32
2		2	4,119.35	2	3,987.50	2	3,851.45	2	3,714.82	2	3,574.73	2	3,221.80	2	2,864.73	2	2,507.47	2	2,151.94
1/4		1/4	4,117.35	1/4	3,984.67	1/4	3,848.60	1/4	3,711.97	1/4	3,568.42	1/4	3,214.36	1/4	2,857.28	1/4	2,500.02	1/4	2,144.55
1/2		1/2	4,115.34	1/2	3,981.84	1/2	3,845.76	1/2	3,709.13	1/2	3,562.12	1/2	3,206.92	1/2	2,849.84	1/2	2,492.57	1/2	2,137.17
3/4		3/4	4,113.33	3/4	3,979.01	3/4	3,842.91	3/4	3,706.28	3/4	3,555.81	3/4	3,199.49	3/4	2,842.40	3/4	2,485.13	3/4	2,129.78
3		3	4,110.66	3	3,976.17	3	3,840.06	3	3,703.43	3	3,548.37	3	3,192.05	3	2,834.96	3	2,477.71	3	2,122.40
1/4		1/4	4,107.98	1/4	3,973.34	1/4	3,837.22	1/4	3,700.59	1/4	3,540.94	1/4	3,184.61	1/4	2,827.52	1/4	2,470.29	1/4	2,115.01
1/2		1/2	4,105.31	1/2	3,970.51	1/2	3,834.37	1/2	3,697.74	1/2	3,533.50	1/2	3,177.17	1/2	2,820.08	1/2	2,462.87	1/2	2,107.63
3/4		3/4	4,102.64	3/4	3,967.68	3/4	3,831.53	3/4	3,694.89	3/4	3,526.06	3/4	3,169.73	3/4	2,812.64	3/4	2,455.45	3/4	2,100.24
4		4	4,099.83	4	3,964.85	4	3,828.68	4	3,692.05	4	3,518.63	4	3,162.29	4	2,805.20	4	2,448.04	4	2,092.85
1/4		1/4	4,097.02	1/4	3,962.01	1/4	3,825.83	1/4	3,689.20	1/4	3,511.20	1/4	3,154.86	1/4	2,797.76	1/4	2,440.63	1/4	2,085.47
1/2		1/2	4,094.21	1/2	3,959.18	1/2	3,822.99	1/2	3,686.35	1/2	3,503.77	1/2	3,147.42	1/2	2,790.32	1/2	2,433.22	1/2	2,078.08
3/4		3/4	4,091.41	3/4	3,956.35	3/4	3,820.14	3/4	3,683.51	3/4	3,496.35	3/4	3,139.98	3/4	2,782.87	3/4	2,425.81	3/4	2,070.70
5		5	4,088.60	5	3,953.52	5	3,817.29	5	3,680.66	5	3,488.93	5	3,132.54	5	2,775.43	5	2,418.40	5	2,063.31
1/4		1/4	4,085.79	1/4	3,950.69	1/4	3,814.45	1/4	3,677.81	1/4	3,481.50	1/4	3,125.10	1/4	2,767.99	1/4	2,410.99	1/4	2,055.93
1/2		1/2	4,082.98	1/2	3,947.85	1/2	3,811.60	1/2	3,674.97	1/2	3,474.08	1/2	3,117.66	1/2	2,760.55	1/2	2,403.58	1/2	2,048.54
3/4		3/4	4,080.18	3/4	3,945.02	3/4	3,808.75	3/4	3,672.12	3/4	3,466.66	3/4	3,110.23	3/4	2,753.11	3/4	2,396.17	3/4	2,041.16
6		6	4,077.37	6	3,942.19	6	3,805.91	6	3,669.27	6	3,459.25	6	3,102.79	6	2,745.67	6	2,388.76	6	2,033.77
1/4		1/4	4,074.56	1/4	3,939.36	1/4	3,803.06	1/4	3,666.43	1/4	3,451.83	1/4	3,095.35	1/4	2,738.23	1/4	2,381.35	1/4	2,026.38
1/2		1/2	4,071.76	1/2	3,936.53	1/2	3,800.21	1/2	3,663.58	1/2	3,444.41	1/2	3,087.91	1/2	2,730.79	1/2	2,373.94	1/2	2,019.00
3/4		3/4	4,068.95	3/4	3,933.69	3/4	3,797.37	3/4	3,660.74	3/4	3,436.99	3/4	3,080.47	3/4	2,723.35	3/4	2,366.53	3/4	2,011.61
7		7	4,066.14	7	3,930.86	7	3,794.52	7	3,657.89	7	3,429.58	7	3,073.03	7	2,715.91	7	2,359.12	7	2,004.23
1/4		1/4	4,063.34	1/4	3,928.03	1/4	3,791.67	1/4	3,655.04	1/4	3,422.16	1/4	3,065.59	1/4	2,708.46	1/4	2,351.71	1/4	1,996.84
1/2		1/2	4,060.53	1/2	3,925.20	1/2	3,788.83	1/2	3,652.20	1/2	3,414.74	1/2	3,058.16	1/2	2,701.02	1/2	2,344.30	1/2	1,989.46
3/4		3/4	4,057.73	3/4	3,922.37	3/4	3,785.98	3/4	3,649.35	3/4	3,407.32	3/4	3,050.72	3/4	2,693.58	3/4	2,336.89	3/4	1,982.07
8		8	4,054.92	8	3,919.53	8	3,783.13	8	3,646.50	8	3,399.91	8	3,043.28	8	2,686.14	8	2,329.48	8	1,974.69
1/4		1/4	4,052.12	1/4	3,916.70	1/4	3,780.29	1/4	3,643.66	1/4	3,392.49	1/4	3,035.84	1/4	2,678.70	1/4	2,322.07	1/4	1,967.30
1/2		1/2	4,049.31	1/2	3,913.87	1/2	3,777.44	1/2	3,640.81	1/2	3,385.07	1/2	3,028.40	1/2	2,671.26	1/2	2,314.66	1/2	1,959.92
3/4		3/4	4,046.51	3/4	3,911.04	3/4	3,774.60	3/4	3,637.96	3/4	3,377.65	3/4	3,020.96	3/4	2,663.82	3/4	2,307.25	3/4	1,952.53
9		9	4,043.70	9	3,908.21	9	3,771.75	9	3,635.12	9	3,370.23	9	3,013.53	9	2,656.38	9	2,299.84	9	1,945.14
1/4		1/4	4,040.90	1/4	3,905.37	1/4	3,768.90	1/4	3,632.27	1/4	3,362.82	1/4	3,006.09	1/4	2,648.94	1/4	2,292.43	1/4	1,937.76
1/2		1/2	4,038.09	1/2	3,902.54	1/2	3,766.06	1/2	3,629.42	1/2	3,355.40	1/2	2,998.65	1/2	2,641.50	1/2	2,285.02	1/2	1,930.37
3/4		3/4	4,035.29	3/4	3,899.71	3/4	3,763.21	3/4	3,626.58	3/4	3,347.98	3/4	2,991.21	3/4	2,634.06	3/4	2,277.61	3/4	1,922.99
10		10	4,032.49	10	3,896.88	10	3,760.36	10	3,623.73	10	3,340.56	10	2,983.77	10	2,626.61	10	2,270.20	10	1,915.60
1/4		1/4	4,029.68	1/4	3,894.05	1/4	3,757.52	1/4	3,620.88	1/4	3,333.15	1/4	2,976.33	1/4	2,619.17	1/4	2,262.79	1/4	1,908.22
1/2		1/2	4,026.88	1/2	3,891.21	1/2	3,754.67	1/2	3,618.04	1/2	3,325.73	1/2	2,968.90	1/2	2,611.73	1/2	2,255.38	1/2	1,900.83
3/4		3/4	4,024.07	3/4	3,888.38	3/4	3,751.82	3/4	3,615.19	3/4	3,318.31	3/4	2,961.46	3/4	2,604.29	3/4	2,247.97	3/4	1,893.45
11		11	4,021.27	11	3,885.55	11	3,748.98	11	3,612.34	11	3,310.89	11	2,954.02	11	2,596.84	11	2,240.58	11	1,886.01
1/4		1/4	4,018.46	1/4	3,882.72	1/4	3,746.13	1/4	3,609.50	1/4	3,303.48	1/4	2,946.58	1/4	2,589.40	1/4	2,233.19	1/4	1,878.58
1/2		1/2	4,015.66	1/2	3,879.89	1/2	3,743.28	1/2	3,606.65	1/2	3,296.06	1/2	2,939.14	1/2	2,581.95	1/2	2,225.80	1/2	1,871.15
3/4		3/4	4,012.85	3/4	3,877.05	3/4	3,740.44	3/4	3,603.81	3/4	3,288.64	3/4	2,931.69	3/4	2,574.50	3/4	2,218.41	3/4	1,863.72

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 8" HATCH.
GAUGE POINT: (8" HATCH) LOCATED 12'-09" OFF CENTERLINE AND 58'-03" FORWARD OF AFT BULKHEAD.

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

BARGE "SMI 30035"

3 PORT
ULLAGE TABLE
8" HATCH

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,856.27	0	1,498.74	0	1,142.06	0	794.51	0	442.43	0	89.94	0		0		0		0	
1/4	1,848.82	1/4	1,491.30	1/4	1,134.83	1/4	787.05	1/4	434.98	1/4	82.68	1/4		1/4		1/4		1/4	
1/2	1,841.37	1/2	1,483.85	1/2	1,127.59	1/2	779.60	1/2	427.53	1/2	75.42	1/2		1/2		1/2		1/2	
3/4	1,833.92	3/4	1,476.40	3/4	1,120.35	3/4	772.15	3/4	420.08	3/4	67.96	3/4		3/4		3/4		3/4	
1	1,826.47	1	1,468.95	1	1,113.12	1	764.70	1	412.62	1	61.19	1		1		1		1	
1/4	1,819.03	1/4	1,461.50	1/4	1,105.89	1/4	757.24	1/4	405.17	1/4	54.43	1/4		1/4		1/4		1/4	
1/2	1,811.58	1/2	1,454.05	1/2	1,098.66	1/2	749.79	1/2	397.72	1/2	47.66	1/2		1/2		1/2		1/2	
3/4	1,804.13	3/4	1,446.61	3/4	1,091.43	3/4	742.34	3/4	390.27	3/4	40.90	3/4		3/4		3/4		3/4	
2	1,796.68	2	1,439.16	2	1,084.21	2	734.89	2	382.82	2	35.77	2		2		2		2	
1/4	1,789.23	1/4	1,431.71	1/4	1,076.98	1/4	727.43	1/4	375.37	1/4	30.64	1/4		1/4		1/4		1/4	
1/2	1,781.78	1/2	1,424.26	1/2	1,069.76	1/2	719.98	1/2	367.92	1/2	25.50	1/2		1/2		1/2		1/2	
3/4	1,774.33	3/4	1,416.81	3/4	1,062.53	3/4	712.53	3/4	360.47	3/4	20.37	3/4		3/4		3/4		3/4	
3	1,766.89	3	1,409.36	3	1,055.31	3	705.08	3	353.01	3		3		3		3		3	
1/4	1,759.44	1/4	1,401.91	1/4	1,048.09	1/4	697.82	1/4	345.56	1/4		1/4		1/4		1/4		1/4	
1/2	1,751.99	1/2	1,394.47	1/2	1,040.87	1/2	690.57	1/2	338.11	1/2		1/2		1/2		1/2		1/2	
3/4	1,744.54	3/4	1,387.02	3/4	1,033.65	3/4	683.32	3/4	330.66	3/4		3/4		3/4		3/4		3/4	
4	1,737.09	4	1,379.57	4	1,026.43	4	676.07	4	323.21	4		4		4		4		4	
1/4	1,729.64	1/4	1,372.12	1/4	1,019.21	1/4	668.82	1/4	315.76	1/4		1/4		1/4		1/4		1/4	
1/2	1,722.20	1/2	1,364.67	1/2	1,011.99	1/2	661.57	1/2	308.31	1/2		1/2		1/2		1/2		1/2	
3/4	1,714.75	3/4	1,357.22	3/4	1,004.77	3/4	654.32	3/4	300.86	3/4		3/4		3/4		3/4		3/4	
5	1,707.30	5	1,349.78	5	997.56	5	647.07	5	293.41	5		5		5		5		5	
1/4	1,699.85	1/4	1,342.33	1/4	990.34	1/4	639.82	1/4	285.95	1/4		1/4		1/4		1/4		1/4	
1/2	1,692.40	1/2	1,334.88	1/2	983.12	1/2	632.57	1/2	278.50	1/2		1/2		1/2		1/2		1/2	
3/4	1,684.95	3/4	1,327.43	3/4	975.90	3/4	625.31	3/4	271.25	3/4		3/4		3/4		3/4		3/4	
6	1,677.51	6	1,319.98	6	968.68	6	618.06	6	264.00	6		6		6		6		6	
1/4	1,670.06	1/4	1,312.53	1/4	961.46	1/4	610.81	1/4	256.75	1/4		1/4		1/4		1/4		1/4	
1/2	1,662.61	1/2	1,305.09	1/2	954.25	1/2	603.56	1/2	249.50	1/2		1/2		1/2		1/2		1/2	
3/4	1,655.16	3/4	1,297.64	3/4	947.03	3/4	596.31	3/4	242.25	3/4		3/4		3/4		3/4		3/4	
7	1,647.71	7	1,290.19	7	939.81	7	589.06	7	235.00	7		7		7		7		7	
1/4	1,640.26	1/4	1,282.74	1/4	932.59	1/4	581.81	1/4	227.75	1/4		1/4		1/4		1/4		1/4	
1/2	1,632.82	1/2	1,275.29	1/2	925.37	1/2	574.56	1/2	220.50	1/2		1/2		1/2		1/2		1/2	
3/4	1,625.37	3/4	1,267.84	3/4	918.15	3/4	567.31	3/4	213.25	3/4		3/4		3/4		3/4		3/4	
8	1,617.92	8	1,260.40	8	910.94	8	560.05	8	206.00	8		8		8		8		8	
1/4	1,610.47	1/4	1,252.95	1/4	903.72	1/4	552.80	1/4	198.75	1/4		1/4		1/4		1/4		1/4	
1/2	1,603.02	1/2	1,245.50	1/2	896.50	1/2	545.55	1/2	191.50	1/2		1/2		1/2		1/2		1/2	
3/4	1,595.57	3/4	1,238.05	3/4	889.28	3/4	538.30	3/4	184.25	3/4		3/4		3/4		3/4		3/4	
9	1,588.12	9	1,230.60	9	882.06	9	531.05	9	177.00	9		9		9		9		9	
1/4	1,580.68	1/4	1,223.15	1/4	874.84	1/4	523.80	1/4	169.74	1/4		1/4		1/4		1/4		1/4	
1/2	1,573.23	1/2	1,215.70	1/2	867.62	1/2	516.55	1/2	162.49	1/2		1/2		1/2		1/2		1/2	
3/4	1,565.78	3/4	1,208.26	3/4	860.41	3/4	509.30	3/4	155.24	3/4		3/4		3/4		3/4		3/4	
10	1,558.33	10	1,200.81	10	853.19	10	502.05	10	147.99	10		10		10		10		10	
1/4	1,550.88	1/4	1,193.36	1/4	845.97	1/4	494.59	1/4	140.74	1/4		1/4		1/4		1/4		1/4	
1/2	1,543.43	1/2	1,185.91	1/2	838.75	1/2	487.14	1/2	133.48	1/2		1/2		1/2		1/2		1/2	
3/4	1,535.99	3/4	1,178.46	3/4	831.53	3/4	479.69	3/4	126.23	3/4		3/4		3/4		3/4		3/4	
11	1,528.54	11	1,171.17	11	824.14	11	472.24	11	118.97	11		11		11		11		11	
1/4	1,521.09	1/4	1,163.88	1/4	816.75	1/4	464.78	1/4	111.72	1/4		1/4		1/4		1/4		1/4	
1/2	1,513.64	1/2	1,156.59	1/2	809.35	1/2	457.33	1/2	104.46	1/2		1/2		1/2		1/2		1/2	
3/4	1,506.19	3/4	1,149.30	3/4	801.96	3/4	449.88	3/4	97.20	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/13/2012 CL - SW
CALCULATED: 08/14/2012 CL
PRINTED: 08/15/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2012

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

BARGE "SMI 30035"

3 STBD
ULLAGE TABLE
8" HATCH

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,032.30	0	3,896.62	0	3,760.13	0	3,623.62	0	3,308.14	0	2,950.59	0	2,592.78	0	2,234.65
1/4		1/4	4,144.85	1/4	4,029.50	1/4	3,893.78	1/4	3,757.28	1/4	3,620.77	1/4	3,300.71	1/4	2,943.13	1/4	2,585.32	1/4	2,227.19
1/2		1/2	4,144.73	1/2	4,026.70	1/2	3,890.94	1/2	3,754.44	1/2	3,617.93	1/2	3,293.28	1/2	2,935.68	1/2	2,577.86	1/2	2,219.73
3/4		3/4	4,144.60	3/4	4,023.90	3/4	3,888.10	3/4	3,751.60	3/4	3,615.08	3/4	3,285.85	3/4	2,928.23	3/4	2,570.39	3/4	2,212.27
1		1	4,144.48	1	4,021.09	1	3,885.26	1	3,748.75	1	3,612.24	1	3,278.42	1	2,920.77	1	2,562.93	1	2,204.81
1/4		1/4	4,143.54	1/4	4,018.27	1/4	3,882.42	1/4	3,745.91	1/4	3,609.40	1/4	3,270.97	1/4	2,913.32	1/4	2,555.47	1/4	2,197.35
1/2		1/2	4,142.60	1/2	4,015.45	1/2	3,879.58	1/2	3,743.06	1/2	3,606.55	1/2	3,263.53	1/2	2,905.86	1/2	2,548.01	1/2	2,189.89
3/4		3/4	4,141.66	3/4	4,012.63	3/4	3,876.73	3/4	3,740.22	3/4	3,603.71	3/4	3,256.08	3/4	2,898.41	3/4	2,540.55	3/4	2,182.43
2		2	4,140.72	2	4,009.80	2	3,873.89	2	3,737.38	2	3,600.86	2	3,248.63	2	2,890.96	2	2,533.09	2	2,174.97
1/4		1/4	4,138.71	1/4	4,006.97	1/4	3,871.04	1/4	3,734.53	1/4	3,594.56	1/4	3,241.18	1/4	2,883.50	1/4	2,525.63	1/4	2,167.51
1/2		1/2	4,136.71	1/2	4,004.14	1/2	3,868.20	1/2	3,731.69	1/2	3,588.26	1/2	3,233.73	1/2	2,876.05	1/2	2,518.17	1/2	2,160.04
3/4		3/4	4,134.70	3/4	4,001.32	3/4	3,865.36	3/4	3,728.84	3/4	3,581.96	3/4	3,226.28	3/4	2,868.60	3/4	2,510.71	3/4	2,152.58
3		3	4,132.69	3	3,998.49	3	3,862.51	3	3,726.00	3	3,575.65	3	3,218.83	3	2,861.14	3	2,503.25	3	2,145.12
1/4		1/4	4,130.02	1/4	3,995.66	1/4	3,859.67	1/4	3,723.16	1/4	3,568.22	1/4	3,211.38	1/4	2,853.69	1/4	2,495.79	1/4	2,137.66
1/2		1/2	4,127.35	1/2	3,992.83	1/2	3,856.82	1/2	3,720.31	1/2	3,560.78	1/2	3,203.93	1/2	2,846.23	1/2	2,488.32	1/2	2,130.20
3/4		3/4	4,124.68	3/4	3,990.00	3/4	3,853.98	3/4	3,717.47	3/4	3,553.34	3/4	3,196.48	3/4	2,838.78	3/4	2,480.86	3/4	2,122.74
4		4	4,122.01	4	3,987.17	4	3,851.14	4	3,714.62	4	3,545.91	4	3,189.03	4	2,831.33	4	2,473.40	4	2,115.28
1/4		1/4	4,119.20	1/4	3,984.34	1/4	3,848.29	1/4	3,711.78	1/4	3,538.48	1/4	3,181.57	1/4	2,823.87	1/4	2,465.94	1/4	2,107.82
1/2		1/2	4,116.40	1/2	3,981.51	1/2	3,845.45	1/2	3,708.94	1/2	3,531.05	1/2	3,174.12	1/2	2,816.42	1/2	2,458.48	1/2	2,100.36
3/4		3/4	4,113.59	3/4	3,978.68	3/4	3,842.60	3/4	3,706.09	3/4	3,523.62	3/4	3,166.67	3/4	2,808.97	3/4	2,451.02	3/4	2,092.90
5		5	4,110.79	5	3,975.85	5	3,839.76	5	3,703.25	5	3,516.19	5	3,159.22	5	2,801.51	5	2,443.56	5	2,085.44
1/4		1/4	4,107.98	1/4	3,973.02	1/4	3,836.92	1/4	3,700.40	1/4	3,508.76	1/4	3,151.77	1/4	2,794.06	1/4	2,436.10	1/4	2,077.97
1/2		1/2	4,105.18	1/2	3,970.19	1/2	3,834.07	1/2	3,697.56	1/2	3,501.33	1/2	3,144.32	1/2	2,786.60	1/2	2,428.64	1/2	2,070.51
3/4		3/4	4,102.37	3/4	3,967.36	3/4	3,831.23	3/4	3,694.72	3/4	3,493.90	3/4	3,136.87	3/4	2,779.15	3/4	2,421.18	3/4	2,063.05
6		6	4,099.57	6	3,964.53	6	3,828.38	6	3,691.87	6	3,486.47	6	3,129.42	6	2,771.70	6	2,413.72	6	2,055.59
1/4		1/4	4,096.76	1/4	3,961.70	1/4	3,825.54	1/4	3,689.03	1/4	3,479.04	1/4	3,121.97	1/4	2,764.24	1/4	2,406.25	1/4	2,048.13
1/2		1/2	4,093.96	1/2	3,958.87	1/2	3,822.70	1/2	3,686.18	1/2	3,471.61	1/2	3,114.52	1/2	2,756.79	1/2	2,398.79	1/2	2,040.67
3/4		3/4	4,091.15	3/4	3,956.04	3/4	3,819.85	3/4	3,683.34	3/4	3,464.18	3/4	3,107.06	3/4	2,749.34	3/4	2,391.33	3/4	2,033.21
7		7	4,088.35	7	3,953.21	7	3,817.01	7	3,680.50	7	3,456.75	7	3,099.61	7	2,741.88	7	2,383.87	7	2,025.75
1/4		1/4	4,085.54	1/4	3,950.38	1/4	3,814.16	1/4	3,677.65	1/4	3,449.31	1/4	3,092.16	1/4	2,734.43	1/4	2,376.41	1/4	2,018.29
1/2		1/2	4,082.74	1/2	3,947.55	1/2	3,811.32	1/2	3,674.81	1/2	3,441.88	1/2	3,084.71	1/2	2,726.98	1/2	2,368.95	1/2	2,010.83
3/4		3/4	4,079.94	3/4	3,944.73	3/4	3,808.48	3/4	3,671.96	3/4	3,434.45	3/4	3,077.26	3/4	2,719.52	3/4	2,361.49	3/4	2,003.37
8		8	4,077.14	8	3,941.90	8	3,805.63	8	3,669.12	8	3,427.02	8	3,069.81	8	2,712.07	8	2,354.03	8	1,995.91
1/4		1/4	4,074.33	1/4	3,939.07	1/4	3,802.79	1/4	3,666.28	1/4	3,419.59	1/4	3,062.36	1/4	2,704.61	1/4	2,346.57	1/4	1,988.44
1/2		1/2	4,071.53	1/2	3,936.24	1/2	3,799.94	1/2	3,663.43	1/2	3,412.16	1/2	3,054.91	1/2	2,697.16	1/2	2,339.11	1/2	1,980.98
3/4		3/4	4,068.73	3/4	3,933.41	3/4	3,797.10	3/4	3,660.59	3/4	3,404.73	3/4	3,047.46	3/4	2,689.71	3/4	2,331.65	3/4	1,973.52
9		9	4,065.93	9	3,930.58	9	3,794.26	9	3,657.74	9	3,397.30	9	3,040.01	9	2,682.25	9	2,324.18	9	1,966.06
1/4		1/4	4,063.13	1/4	3,927.75	1/4	3,791.41	1/4	3,654.90	1/4	3,389.87	1/4	3,032.55	1/4	2,674.80	1/4	2,316.72	1/4	1,958.60
1/2		1/2	4,060.32	1/2	3,924.92	1/2	3,788.57	1/2	3,652.06	1/2	3,382.44	1/2	3,025.10	1/2	2,667.35	1/2	2,309.26	1/2	1,951.14
3/4		3/4	4,057.52	3/4	3,922.09	3/4	3,785.72	3/4	3,649.21	3/4	3,375.01	3/4	3,017.65	3/4	2,659.89	3/4	2,301.80	3/4	1,943.68
10		10	4,054.72	10	3,919.26	10	3,782.88	10	3,646.37	10	3,367.58	10	3,010.20	10	2,652.44	10	2,294.34	10	1,936.22
1/4		1/4	4,051.92	1/4	3,916.43	1/4	3,780.04	1/4	3,643.52	1/4	3,360.15	1/4	3,002.75	1/4	2,644.98	1/4	2,286.88	1/4	1,928.76
1/2		1/2	4,049.12	1/2	3,913.60	1/2	3,777.19	1/2	3,640.68	1/2	3,352.72	1/2	2,995.30	1/2	2,637.53	1/2	2,279.42	1/2	1,921.30
3/4		3/4	4,046.31	3/4	3,910.77	3/4	3,774.35	3/4	3,637.84	3/4	3,345.29	3/4	2,987.85	3/4	2,630.08	3/4	2,271.96	3/4	1,913.84
11		11	4,043.51	11	3,907.94	11	3,771.50	11	3,634.99	11	3,337.86	11	2,980.40	11	2,622.62	11	2,264.50	11	1,906.37
1/4		1/4	4,040.71	1/4	3,905.11	1/4	3,768.66	1/4	3,632.15	1/4	3,330.43	1/4	2,972.94	1/4	2,615.16	1/4	2,257.04	1/4	1,898.91
1/2		1/2	4,037.91	1/2	3,902.28	1/2	3,765.82	1/2	3,629.30	1/2	3,323.00	1/2	2,965.49	1/2	2,607.70	1/2	2,249.58	1/2	1,891.45
3/4		3/4	4,035.10	3/4	3,899.45	3/4	3,762.97	3/4	3,626.46	3/4	3,315.57	3/4	2,958.04	3/4	2,600.24	3/4	2,242.11	3/4	1,883.99

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 8" HATCH.
GAUGE POINT: (8" HATCH) LOCATED 12'-09" OFF CENTERLINE AND 58'-03" FORWARD OF AFT BULKHEAD.

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

BARGE "SMI 30035"

3 STBD

ULLAGE TABLE

8" HATCH

GAUGE HEIGHT 15'-03"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,876.53	0	1,518.41	0	1,160.28	0	802.71	0	450.24	0	97.16	0		0		0		0	
1/4	1,869.07	1/4	1,510.95	1/4	1,152.82	1/4	795.25	1/4	442.78	1/4	89.91	1/4		1/4		1/4		1/4	
1/2	1,861.61	1/2	1,503.49	1/2	1,145.36	1/2	787.79	1/2	435.32	1/2	82.65	1/2		1/2		1/2		1/2	
3/4	1,854.16	3/4	1,496.02	3/4	1,137.90	3/4	780.33	3/4	427.86	3/4	75.39	3/4		3/4		3/4		3/4	
1	1,846.69	1	1,488.56	1	1,130.44	1	772.87	1	420.40	1	67.93	1		1		1		1	
1/4	1,839.23	1/4	1,481.10	1/4	1,122.99	1/4	765.41	1/4	412.94	1/4	61.17	1/4		1/4		1/4		1/4	
1/2	1,831.77	1/2	1,473.64	1/2	1,115.53	1/2	757.95	1/2	405.48	1/2	54.40	1/2		1/2		1/2		1/2	
3/4	1,824.30	3/4	1,466.18	3/4	1,108.08	3/4	750.49	3/4	398.02	3/4	47.64	3/4		3/4		3/4		3/4	
2	1,816.84	2	1,458.72	2	1,100.62	2	743.03	2	390.55	2	40.88	2		2		2		2	
1/4	1,809.38	1/4	1,451.26	1/4	1,093.17	1/4	735.57	1/4	383.09	1/4	35.75	1/4		1/4		1/4		1/4	
1/2	1,801.92	1/2	1,443.80	1/2	1,085.71	1/2	728.11	1/2	375.63	1/2	30.62	1/2		1/2		1/2		1/2	
3/4	1,794.46	3/4	1,436.34	3/4	1,078.26	3/4	720.64	3/4	368.17	3/4	25.49	3/4		3/4		3/4		3/4	
3	1,787.00	3	1,428.88	3	1,070.81	3	713.18	3	360.71	3	20.36	3		3		3		3	
1/4	1,779.54	1/4	1,421.42	1/4	1,063.36	1/4	705.72	1/4	353.25	1/4		1/4		1/4		1/4		1/4	
1/2	1,772.08	1/2	1,413.95	1/2	1,055.91	1/2	698.46	1/2	345.79	1/2		1/2		1/2		1/2		1/2	
3/4	1,764.62	3/4	1,406.49	3/4	1,048.46	3/4	691.20	3/4	338.33	3/4		3/4		3/4		3/4		3/4	
4	1,757.16	4	1,399.03	4	1,041.02	4	683.95	4	330.87	4		4		4		4		4	
1/4	1,749.70	1/4	1,391.57	1/4	1,033.57	1/4	676.69	1/4	323.41	1/4		1/4		1/4		1/4		1/4	
1/2	1,742.23	1/2	1,384.11	1/2	1,026.13	1/2	669.43	1/2	315.95	1/2		1/2		1/2		1/2		1/2	
3/4	1,734.77	3/4	1,376.65	3/4	1,018.68	3/4	662.17	3/4	308.49	3/4		3/4		3/4		3/4		3/4	
5	1,727.31	5	1,369.19	5	1,011.23	5	654.91	5	301.03	5		5		5		5		5	
1/4	1,719.85	1/4	1,361.73	1/4	1,003.79	1/4	647.65	1/4	293.57	1/4		1/4		1/4		1/4		1/4	
1/2	1,712.39	1/2	1,354.27	1/2	996.34	1/2	640.39	1/2	286.11	1/2		1/2		1/2		1/2		1/2	
3/4	1,704.93	3/4	1,346.81	3/4	988.90	3/4	633.13	3/4	278.64	3/4		3/4		3/4		3/4		3/4	
6	1,697.47	6	1,339.35	6	981.45	6	625.87	6	271.39	6		6		6		6		6	
1/4	1,690.01	1/4	1,331.88	1/4	974.01	1/4	618.61	1/4	264.13	1/4		1/4		1/4		1/4		1/4	
1/2	1,682.55	1/2	1,324.42	1/2	966.56	1/2	611.35	1/2	256.87	1/2		1/2		1/2		1/2		1/2	
3/4	1,675.09	3/4	1,316.96	3/4	959.11	3/4	604.09	3/4	249.61	3/4		3/4		3/4		3/4		3/4	
7	1,667.63	7	1,309.50	7	951.67	7	596.84	7	242.35	7		7		7		7		7	
1/4	1,660.16	1/4	1,302.04	1/4	944.22	1/4	589.58	1/4	235.09	1/4		1/4		1/4		1/4		1/4	
1/2	1,652.70	1/2	1,294.58	1/2	936.78	1/2	582.32	1/2	227.83	1/2		1/2		1/2		1/2		1/2	
3/4	1,645.24	3/4	1,287.12	3/4	929.33	3/4	575.06	3/4	220.57	3/4		3/4		3/4		3/4		3/4	
8	1,637.78	8	1,279.66	8	921.89	8	567.80	8	213.31	8		8		8		8		8	
1/4	1,630.32	1/4	1,272.20	1/4	914.44	1/4	560.54	1/4	206.05	1/4		1/4		1/4		1/4		1/4	
1/2	1,622.86	1/2	1,264.74	1/2	907.00	1/2	553.28	1/2	198.79	1/2		1/2		1/2		1/2		1/2	
3/4	1,615.40	3/4	1,257.28	3/4	899.55	3/4	546.02	3/4	191.53	3/4		3/4		3/4		3/4		3/4	
9	1,607.94	9	1,249.81	9	892.10	9	538.76	9	184.27	9		9		9		9		9	
1/4	1,600.48	1/4	1,242.35	1/4	884.66	1/4	531.50	1/4	177.02	1/4		1/4		1/4		1/4		1/4	
1/2	1,593.02	1/2	1,234.89	1/2	877.21	1/2	524.24	1/2	169.76	1/2		1/2		1/2		1/2		1/2	
3/4	1,585.56	3/4	1,227.43	3/4	869.77	3/4	516.98	3/4	162.50	3/4		3/4		3/4		3/4		3/4	
10	1,578.09	10	1,219.97	10	862.32	10	509.72	10	155.24	10		10		10		10		10	
1/4	1,570.63	1/4	1,212.51	1/4	854.88	1/4	502.47	1/4	147.98	1/4		1/4		1/4		1/4		1/4	
1/2	1,563.17	1/2	1,205.05	1/2	847.43	1/2	495.00	1/2	140.72	1/2		1/2		1/2		1/2		1/2	
3/4	1,555.71	3/4	1,197.59	3/4	839.99	3/4	487.54	3/4	133.46	3/4		3/4		3/4		3/4		3/4	
11	1,548.25	11	1,190.13	11	832.54	11	480.08	11	126.20	11		11		11		11		11	
1/4	1,540.79	1/4	1,182.67	1/4	825.08	1/4	472.62	1/4	118.94	1/4		1/4		1/4		1/4		1/4	
1/2	1,533.33	1/2	1,175.21	1/2	817.63	1/2	465.16	1/2	111.68	1/2		1/2		1/2		1/2		1/2	
3/4	1,525.87	3/4	1,167.75	3/4	810.17	3/4	457.70	3/4	104.42	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/13/2012 CL - SW
CALCULATED: 08/14/2012 CL
PRINTED: 08/15/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2012

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