



BARGE "PTC 1402"

INNAGE (HERMETIC OR 8" HATCH)

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
1 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
2 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
3 PORT	- 00-5/8	00-5/8	- 01-3/8	01-3/8	- 02-0/8	02-0/8	- 02-3/4	02-3/4	- 03-3/8	03-3/8	- 04-1/8	04-1/8
3 STBD	- 00-5/8	00-5/8	- 01-3/8	01-3/8	- 02-0/8	02-0/8	- 02-3/4	02-3/4	- 03-3/8	03-3/8	- 04-1/8	04-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 235'-06"

July 29, 2014

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "PTC 1402"

1 PORT
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 1/2"

Table with columns for IN and height increments (0 FT., 1 FT., 2 FT., 3 FT., 4 FT., 5 FT., 6 FT., 7 FT., 8 FT., 9 FT.) and rows for various height measurements from 0 to 305.25 inches.

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 8 INCH HATCH OR TOP LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (8 INCH HATCH OR HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT & ANALYSIS, INC.

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BARGE "PTC 1402"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,519.59	0	3,877.52	0	4,235.46	0	4,592.57	0	4,946.53	0		0		0		0		0	
1/4	3,527.05	1/4	3,884.98	1/4	4,242.91	1/4	4,600.01	1/4	4,953.13	1/4		1/4		1/4		1/4		1/4	
1/2	3,534.51	1/2	3,892.44	1/2	4,250.37	1/2	4,607.44	1/2	4,959.73	1/2		1/2		1/2		1/2		1/2	
3/4	3,541.96	3/4	3,899.89	3/4	4,257.83	3/4	4,614.88	3/4	4,966.33	3/4		3/4		3/4		3/4		3/4	
1	3,549.42	1	3,907.35	1	4,265.28	1	4,622.30	1	4,971.86	1		1		1		1		1	
1/4	3,556.88	1/4	3,914.81	1/4	4,272.74	1/4	4,629.73	1/4	4,977.40	1/4		1/4		1/4		1/4		1/4	
1/2	3,564.33	1/2	3,922.27	1/2	4,280.20	1/2	4,637.15	1/2	4,982.93	1/2		1/2		1/2		1/2		1/2	
3/4	3,571.79	3/4	3,929.72	3/4	4,287.65	3/4	4,644.58	3/4	4,988.47	3/4		3/4		3/4		3/4		3/4	
2	3,579.25	2	3,937.18	2	4,295.11	2	4,651.97	2	4,992.94	2		2		2		2		2	
1/4	3,586.70	1/4	3,944.64	1/4	4,302.56	1/4	4,659.37	1/4	4,997.40	1/4		1/4		1/4		1/4		1/4	
1/2	3,594.16	1/2	3,952.09	1/2	4,310.01	1/2	4,666.76	1/2	5,001.87	1/2		1/2		1/2		1/2		1/2	
3/4	3,601.62	3/4	3,959.55	3/4	4,317.47	3/4	4,674.16	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,609.08	3	3,967.01	3	4,324.90	3	4,681.55	3		3		3		3		3		3	
1/4	3,616.53	1/4	3,974.46	1/4	4,332.34	1/4	4,688.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,623.99	1/2	3,981.92	1/2	4,339.77	1/2	4,696.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,631.45	3/4	3,989.38	3/4	4,347.21	3/4	4,703.74	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,638.90	4	3,996.83	4	4,354.64	4	4,711.14	4		4		4		4		4		4	
1/4	3,646.36	1/4	4,004.29	1/4	4,362.08	1/4	4,718.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,653.82	1/2	4,011.75	1/2	4,369.51	1/2	4,725.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,661.27	3/4	4,019.21	3/4	4,376.95	3/4	4,733.32	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,668.73	5	4,026.66	5	4,384.38	5	4,740.72	5		5		5		5		5		5	
1/4	3,676.19	1/4	4,034.12	1/4	4,391.82	1/4	4,748.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,683.64	1/2	4,041.58	1/2	4,399.25	1/2	4,755.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,691.10	3/4	4,049.03	3/4	4,406.69	3/4	4,762.90	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,698.56	6	4,056.49	6	4,414.12	6	4,770.30	6		6		6		6		6		6	
1/4	3,706.02	1/4	4,063.95	1/4	4,421.56	1/4	4,777.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,713.47	1/2	4,071.40	1/2	4,428.99	1/2	4,785.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,720.93	3/4	4,078.86	3/4	4,436.43	3/4	4,792.49	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,728.39	7	4,086.32	7	4,443.87	7	4,799.88	7		7		7		7		7		7	
1/4	3,735.84	1/4	4,093.77	1/4	4,451.30	1/4	4,807.28	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,743.30	1/2	4,101.23	1/2	4,458.74	1/2	4,814.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,750.76	3/4	4,108.69	3/4	4,466.17	3/4	4,822.07	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,758.21	8	4,116.14	8	4,473.61	8	4,829.47	8		8		8		8		8		8	
1/4	3,765.67	1/4	4,123.60	1/4	4,481.04	1/4	4,836.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,773.13	1/2	4,131.06	1/2	4,488.48	1/2	4,844.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,780.58	3/4	4,138.52	3/4	4,495.91	3/4	4,851.67	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,788.04	9	4,145.97	9	4,503.35	9	4,859.07	9		9		9		9		9		9	
1/4	3,795.50	1/4	4,153.43	1/4	4,510.78	1/4	4,866.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,802.95	1/2	4,160.89	1/2	4,518.22	1/2	4,873.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,810.41	3/4	4,168.34	3/4	4,525.65	3/4	4,881.27	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,817.87	10	4,175.80	10	4,533.09	10	4,888.67	10		10		10		10		10		10	
1/4	3,825.33	1/4	4,183.26	1/4	4,540.52	1/4	4,896.07	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,832.78	1/2	4,190.71	1/2	4,547.96	1/2	4,903.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,840.24	3/4	4,198.17	3/4	4,555.39	3/4	4,910.87	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,847.70	11	4,205.63	11	4,562.83	11	4,918.14	11		11		11		11		11		11	
1/4	3,855.15	1/4	4,213.08	1/4	4,570.27	1/4	4,925.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,862.61	1/2	4,220.54	1/2	4,577.70	1/2	4,932.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,870.07	3/4	4,228.00	3/4	4,585.14	3/4	4,939.93	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/29/2014 SW
CALCULATED: 07/29/2014 CL
PRINTED: 07/30/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "PTC 1402"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0	22.26	0	312.16	0	657.07	0	1,014.73	0	1,372.81	0	1,730.93	0	2,089.05	0	2,447.17	0	2,805.29	0	3,163.28
1/4	25.78	1/4	319.07	1/4	664.53	1/4	1,022.19	1/4	1,380.27	1/4	1,738.39	1/4	2,096.51	1/4	2,454.63	1/4	2,812.75	1/4	3,170.73
1/2	29.31	1/2	325.98	1/2	672.00	1/2	1,029.64	1/2	1,387.74	1/2	1,745.85	1/2	2,103.97	1/2	2,462.09	1/2	2,820.21	1/2	3,178.19
3/4	32.83	3/4	332.89	3/4	679.46	3/4	1,037.10	3/4	1,395.20	3/4	1,753.31	3/4	2,111.43	3/4	2,469.55	3/4	2,827.67	3/4	3,185.65
1	38.07	1	339.89	1	686.92	1	1,044.55	1	1,402.66	1	1,760.78	1	2,118.89	1	2,477.01	1	2,835.13	1	3,193.10
1/4	43.32	1/4	346.89	1/4	694.38	1/4	1,052.01	1/4	1,410.12	1/4	1,768.24	1/4	2,126.35	1/4	2,484.47	1/4	2,842.59	1/4	3,200.56
1/2	48.56	1/2	353.89	1/2	701.84	1/2	1,059.46	1/2	1,417.58	1/2	1,775.70	1/2	2,133.82	1/2	2,491.93	1/2	2,850.05	1/2	3,208.02
3/4	53.81	3/4	360.89	3/4	709.30	3/4	1,066.92	3/4	1,425.04	3/4	1,783.16	3/4	2,141.28	3/4	2,499.39	3/4	2,857.51	3/4	3,215.47
2	59.84	2	367.98	2	716.76	2	1,074.38	2	1,432.50	2	1,790.62	2	2,148.74	2	2,506.86	2	2,864.97	2	3,222.93
1/4	65.67	1/4	375.06	1/4	724.22	1/4	1,081.84	1/4	1,439.96	1/4	1,798.08	1/4	2,156.20	1/4	2,514.32	1/4	2,872.43	1/4	3,230.39
1/2	71.50	1/2	382.15	1/2	731.68	1/2	1,089.30	1/2	1,447.42	1/2	1,805.54	1/2	2,163.66	1/2	2,521.78	1/2	2,879.90	1/2	3,237.84
3/4	77.33	3/4	389.24	3/4	739.14	3/4	1,096.76	3/4	1,454.88	3/4	1,813.00	3/4	2,171.12	3/4	2,529.24	3/4	2,887.36	3/4	3,245.30
3	83.24	3	396.41	3	746.60	3	1,104.22	3	1,462.34	3	1,820.46	3	2,178.58	3	2,536.70	3	2,894.82	3	3,252.76
1/4	89.16	1/4	403.59	1/4	754.06	1/4	1,111.69	1/4	1,469.80	1/4	1,827.92	1/4	2,186.04	1/4	2,544.16	1/4	2,902.28	1/4	3,260.21
1/2	95.08	1/2	410.76	1/2	761.51	1/2	1,119.15	1/2	1,477.26	1/2	1,835.38	1/2	2,193.50	1/2	2,551.62	1/2	2,909.74	1/2	3,267.67
3/4	101.00	3/4	417.94	3/4	768.97	3/4	1,126.61	3/4	1,484.73	3/4	1,842.84	3/4	2,200.96	3/4	2,559.08	3/4	2,917.20	3/4	3,275.13
4	107.00	4	425.20	4	776.42	4	1,134.07	4	1,492.19	4	1,850.30	4	2,208.42	4	2,566.54	4	2,924.66	4	3,282.58
1/4	113.01	1/4	432.46	1/4	783.86	1/4	1,141.53	1/4	1,499.65	1/4	1,857.77	1/4	2,215.88	1/4	2,574.00	1/4	2,932.11	1/4	3,290.04
1/2	119.01	1/2	439.73	1/2	791.31	1/2	1,148.99	1/2	1,507.11	1/2	1,865.23	1/2	2,223.34	1/2	2,581.46	1/2	2,939.57	1/2	3,297.50
3/4	125.02	3/4	446.79	3/4	798.76	3/4	1,156.45	3/4	1,514.57	3/4	1,872.69	3/4	2,230.81	3/4	2,588.92	3/4	2,947.03	3/4	3,304.95
5	131.11	5	453.94	5	806.20	5	1,163.91	5	1,522.03	5	1,880.15	5	2,238.27	5	2,596.38	5	2,954.49	5	3,312.41
1/4	137.21	1/4	461.09	1/4	813.65	1/4	1,171.37	1/4	1,529.49	1/4	1,887.61	1/4	2,245.73	1/4	2,603.85	1/4	2,961.94	1/4	3,319.87
1/2	143.30	1/2	468.24	1/2	821.10	1/2	1,178.83	1/2	1,536.95	1/2	1,895.07	1/2	2,253.19	1/2	2,611.31	1/2	2,969.40	1/2	3,327.33
3/4	149.40	3/4	475.38	3/4	828.54	3/4	1,186.29	3/4	1,544.41	3/4	1,902.53	3/4	2,260.65	3/4	2,618.77	3/4	2,976.86	3/4	3,334.78
6	155.58	6	482.61	6	835.99	6	1,193.75	6	1,551.87	6	1,909.99	6	2,268.11	6	2,626.23	6	2,984.31	6	3,342.24
1/4	161.76	1/4	489.83	1/4	843.44	1/4	1,201.22	1/4	1,559.33	1/4	1,917.45	1/4	2,275.57	1/4	2,633.69	1/4	2,991.77	1/4	3,349.70
1/2	167.94	1/2	497.06	1/2	850.89	1/2	1,208.68	1/2	1,566.79	1/2	1,924.91	1/2	2,283.03	1/2	2,641.15	1/2	2,999.23	1/2	3,357.15
3/4	174.12	3/4	504.28	3/4	858.33	3/4	1,216.14	3/4	1,574.26	3/4	1,932.37	3/4	2,290.49	3/4	2,648.61	3/4	3,006.68	3/4	3,364.61
7	180.39	7	511.53	7	865.78	7	1,223.60	7	1,581.72	7	1,939.83	7	2,297.95	7	2,656.07	7	3,014.14	7	3,372.07
1/4	186.66	1/4	518.79	1/4	873.23	1/4	1,231.06	1/4	1,589.18	1/4	1,947.30	1/4	2,305.41	1/4	2,663.53	1/4	3,021.60	1/4	3,379.52
1/2	192.93	1/2	526.04	1/2	880.67	1/2	1,238.52	1/2	1,596.64	1/2	1,954.76	1/2	2,312.87	1/2	2,670.99	1/2	3,029.05	1/2	3,386.98
3/4	199.20	3/4	533.29	3/4	888.12	3/4	1,245.98	3/4	1,604.10	3/4	1,962.22	3/4	2,320.34	3/4	2,678.45	3/4	3,036.51	3/4	3,394.44
8	205.56	8	540.54	8	895.57	8	1,253.44	8	1,611.56	8	1,969.68	8	2,327.80	8	2,685.91	8	3,043.97	8	3,401.89
1/4	211.92	1/4	547.80	1/4	903.01	1/4	1,260.90	1/4	1,619.02	1/4	1,977.14	1/4	2,335.26	1/4	2,693.38	1/4	3,051.42	1/4	3,409.35
1/2	218.27	1/2	555.05	1/2	910.46	1/2	1,268.36	1/2	1,626.48	1/2	1,984.60	1/2	2,342.72	1/2	2,700.84	1/2	3,058.88	1/2	3,416.81
3/4	224.63	3/4	562.30	3/4	917.91	3/4	1,275.82	3/4	1,633.94	3/4	1,992.06	3/4	2,350.18	3/4	2,708.30	3/4	3,066.34	3/4	3,424.26
9	231.08	9	569.56	9	925.35	9	1,283.28	9	1,641.40	9	1,999.52	9	2,357.64	9	2,715.76	9	3,073.79	9	3,431.72
1/4	237.72	1/4	576.82	1/4	932.80	1/4	1,290.74	1/4	1,648.86	1/4	2,006.98	1/4	2,365.10	1/4	2,723.22	1/4	3,081.25	1/4	3,439.18
1/2	244.37	1/2	584.08	1/2	940.25	1/2	1,298.21	1/2	1,656.32	1/2	2,014.44	1/2	2,372.56	1/2	2,730.68	1/2	3,088.71	1/2	3,446.63
3/4	251.02	3/4	591.34	3/4	947.70	3/4	1,305.67	3/4	1,663.78	3/4	2,021.90	3/4	2,380.02	3/4	2,738.14	3/4	3,096.16	3/4	3,454.09
10	257.75	10	598.60	10	955.14	10	1,313.13	10	1,671.25	10	2,029.36	10	2,387.48	10	2,745.60	10	3,103.62	10	3,461.55
1/4	264.49	1/4	605.86	1/4	962.59	1/4	1,320.59	1/4	1,678.71	1/4	2,036.82	1/4	2,394.94	1/4	2,753.06	1/4	3,111.08	1/4	3,469.00
1/2	271.22	1/2	613.12	1/2	970.04	1/2	1,328.05	1/2	1,686.17	1/2	2,044.29	1/2	2,402.40	1/2	2,760.52	1/2	3,118.53	1/2	3,476.46
3/4	277.96	3/4	620.38	3/4	977.48	3/4	1,335.51	3/4	1,693.63	3/4	2,051.75	3/4	2,409.86	3/4	2,767.98	3/4	3,125.99	3/4	3,483.92
11	284.78	11	627.63	11	984.93	11	1,342.97	11	1,701.09	11	2,059.21	11	2,417.33	11	2,775.44	11	3,133.45	11	3,491.37
1/4	291.60	1/4	634.89	1/4	992.38	1/4	1,350.43	1/4	1,708.55	1/4	2,066.67	1/4	2,424.79	1/4	2,782.90	1/4	3,140.91	1/4	3,498.83
1/2	298.43	1/2	642.15	1/2	999.83	1/2	1,357.89	1/2	1,716.01	1/2	2,074.13	1/2	2,432.25	1/2	2,790.37	1/2	3,148.36	1/2	3,506.29
3/4	305.25	3/4	649.61	3/4	1,007.28	3/4	1,365.35	3/4	1,723.47	3/4	2,081.59	3/4	2,439.71	3/4	2,797.83	3/4	3,155.82	3/4	3,513.75

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO 8 INCH HATCH OR TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (8 INCH HATCH OR HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "PTC 1402"

1 STBD INNAGE TABLE

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	3,521.20	0	3,879.13	0	4,237.05	0	4,594.16	0	4,948.12	0		0		0		0		0	
1/4	3,528.66	1/4	3,886.59	1/4	4,244.51	1/4	4,601.60	1/4	4,954.72	1/4		1/4		1/4		1/4		1/4	
1/2	3,536.12	1/2	3,894.04	1/2	4,251.97	1/2	4,609.03	1/2	4,961.31	1/2		1/2		1/2		1/2		1/2	
3/4	3,543.57	3/4	3,901.50	3/4	4,259.43	3/4	4,616.47	3/4	4,967.91	3/4		3/4		3/4		3/4		3/4	
1	3,551.03	1	3,908.96	1	4,266.88	1	4,623.89	1	4,973.45	1		1		1		1		1	
1/4	3,558.49	1/4	3,916.41	1/4	4,274.34	1/4	4,631.32	1/4	4,978.98	1/4		1/4		1/4		1/4		1/4	
1/2	3,565.94	1/2	3,923.87	1/2	4,281.80	1/2	4,638.74	1/2	4,984.52	1/2		1/2		1/2		1/2		1/2	
3/4	3,573.40	3/4	3,931.33	3/4	4,289.25	3/4	4,646.17	3/4	4,990.05	3/4		3/4		3/4		3/4		3/4	
2	3,580.86	2	3,938.78	2	4,296.70	2	4,653.56	2	4,994.52	2		2		2		2		2	
1/4	3,588.31	1/4	3,946.24	1/4	4,304.16	1/4	4,660.96	1/4	4,998.99	1/4		1/4		1/4		1/4		1/4	
1/2	3,595.77	1/2	3,953.70	1/2	4,311.61	1/2	4,668.35	1/2	5,003.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,603.23	3/4	3,961.15	3/4	4,319.06	3/4	4,675.75	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,610.68	3	3,968.61	3	4,326.49	3	4,683.14	3		3		3		3		3		3	
1/4	3,618.14	1/4	3,976.07	1/4	4,333.93	1/4	4,690.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,625.60	1/2	3,983.52	1/2	4,341.37	1/2	4,697.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,633.05	3/4	3,990.98	3/4	4,348.80	3/4	4,705.33	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,640.51	4	3,998.44	4	4,356.24	4	4,712.72	4		4		4		4		4		4	
1/4	3,647.97	1/4	4,005.89	1/4	4,363.67	1/4	4,720.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,655.42	1/2	4,013.35	1/2	4,371.11	1/2	4,727.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,662.88	3/4	4,020.81	3/4	4,378.54	3/4	4,734.91	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,670.34	5	4,028.26	5	4,385.98	5	4,742.31	5		5		5		5		5		5	
1/4	3,677.79	1/4	4,035.72	1/4	4,393.41	1/4	4,749.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,685.25	1/2	4,043.18	1/2	4,400.85	1/2	4,757.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,692.71	3/4	4,050.63	3/4	4,408.28	3/4	4,764.49	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,700.17	6	4,058.09	6	4,415.72	6	4,771.89	6		6		6		6		6		6	
1/4	3,707.62	1/4	4,065.55	1/4	4,423.15	1/4	4,779.28	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,715.08	1/2	4,073.01	1/2	4,430.59	1/2	4,786.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,722.54	3/4	4,080.46	3/4	4,438.02	3/4	4,794.07	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,729.99	7	4,087.92	7	4,445.46	7	4,801.47	7		7		7		7		7		7	
1/4	3,737.45	1/4	4,095.38	1/4	4,452.89	1/4	4,808.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,744.91	1/2	4,102.83	1/2	4,460.33	1/2	4,816.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,752.36	3/4	4,110.29	3/4	4,467.76	3/4	4,823.66	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,759.82	8	4,117.75	8	4,475.20	8	4,831.06	8		8		8		8		8		8	
1/4	3,767.28	1/4	4,125.20	1/4	4,482.63	1/4	4,838.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,774.73	1/2	4,132.66	1/2	4,490.07	1/2	4,845.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,782.19	3/4	4,140.12	3/4	4,497.50	3/4	4,853.26	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,789.65	9	4,147.57	9	4,504.94	9	4,860.66	9		9		9		9		9		9	
1/4	3,797.10	1/4	4,155.03	1/4	4,512.37	1/4	4,868.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,804.56	1/2	4,162.49	1/2	4,519.81	1/2	4,875.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,812.02	3/4	4,169.94	3/4	4,527.25	3/4	4,882.86	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,819.47	10	4,177.40	10	4,534.68	10	4,890.26	10		10		10		10		10		10	
1/4	3,826.93	1/4	4,184.86	1/4	4,542.12	1/4	4,897.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,834.39	1/2	4,192.31	1/2	4,549.55	1/2	4,905.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,841.84	3/4	4,199.77	3/4	4,556.99	3/4	4,912.45	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,849.30	11	4,207.23	11	4,564.42	11	4,919.72	11		11		11		11		11		11	
1/4	3,856.76	1/4	4,214.68	1/4	4,571.86	1/4	4,926.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,864.21	1/2	4,222.14	1/2	4,579.29	1/2	4,934.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,871.67	3/4	4,229.60	3/4	4,586.73	3/4	4,941.52	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/29/2014 SW
CALCULATED: 07/29/2014 CL
PRINTED: 07/30/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

PRECISION MEASUREMENT
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BARGE "PTC 1402"

2 PORT INNAGE TABLE

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	25.56	0	369.15	0	722.56	0	1,071.32	0	1,426.36	0	1,785.44	0	2,144.52	0	2,503.61	0	2,862.69	0	3,221.64
1/4	30.70	1/4	376.63	1/4	730.04	1/4	1,078.50	1/4	1,433.84	1/4	1,792.92	1/4	2,152.01	1/4	2,511.09	1/4	2,870.17	1/4	3,229.11
1/2	35.84	1/2	384.11	1/2	737.52	1/2	1,085.69	1/2	1,441.32	1/2	1,800.40	1/2	2,159.49	1/2	2,518.57	1/2	2,877.65	1/2	3,236.59
3/4	40.99	3/4	391.59	3/4	745.01	3/4	1,092.87	3/4	1,448.80	3/4	1,807.88	3/4	2,166.97	3/4	2,526.05	3/4	2,885.13	3/4	3,244.07
1	47.77	1	399.07	1	752.49	1	1,100.06	1	1,456.28	1	1,815.36	1	2,174.45	1	2,533.53	1	2,892.61	1	3,251.55
1/4	54.54	1/4	406.55	1/4	759.97	1/4	1,107.25	1/4	1,463.76	1/4	1,822.85	1/4	2,181.93	1/4	2,541.01	1/4	2,900.10	1/4	3,259.02
1/2	61.32	1/2	414.03	1/2	767.45	1/2	1,114.43	1/2	1,471.24	1/2	1,830.33	1/2	2,189.41	1/2	2,548.49	1/2	2,907.58	1/2	3,266.50
3/4	68.10	3/4	421.52	3/4	774.93	3/4	1,121.62	3/4	1,478.72	3/4	1,837.81	3/4	2,196.89	3/4	2,555.97	3/4	2,915.06	3/4	3,273.98
2	75.58	2	429.00	2	782.41	2	1,128.82	2	1,486.20	2	1,845.29	2	2,204.37	2	2,563.45	2	2,922.54	2	3,281.45
1/4	82.86	1/4	436.48	1/4	789.89	1/4	1,136.02	1/4	1,493.69	1/4	1,852.77	1/4	2,211.85	1/4	2,570.94	1/4	2,930.02	1/4	3,288.93
1/2	90.14	1/2	443.96	1/2	797.37	1/2	1,143.21	1/2	1,501.17	1/2	1,860.25	1/2	2,219.33	1/2	2,578.42	1/2	2,937.50	1/2	3,296.41
3/4	97.42	3/4	451.44	3/4	804.85	3/4	1,150.41	3/4	1,508.65	3/4	1,867.73	3/4	2,226.81	3/4	2,585.90	3/4	2,944.98	3/4	3,303.88
3	104.70	3	458.92	3	812.26	3	1,157.68	3	1,516.13	3	1,875.21	3	2,234.29	3	2,593.38	3	2,952.46	3	3,311.36
1/4	111.98	1/4	466.40	1/4	819.66	1/4	1,164.95	1/4	1,523.61	1/4	1,882.69	1/4	2,241.78	1/4	2,600.86	1/4	2,959.94	1/4	3,318.84
1/2	119.26	1/2	473.88	1/2	827.07	1/2	1,172.22	1/2	1,531.09	1/2	1,890.17	1/2	2,249.26	1/2	2,608.34	1/2	2,967.42	1/2	3,326.31
3/4	126.53	3/4	481.36	3/4	834.47	3/4	1,179.49	3/4	1,538.57	3/4	1,897.65	3/4	2,256.74	3/4	2,615.82	3/4	2,974.90	3/4	3,333.79
4	133.81	4	488.84	4	841.65	4	1,186.97	4	1,546.05	4	1,905.14	4	2,264.22	4	2,623.30	4	2,982.38	4	3,341.27
1/4	141.09	1/4	496.32	1/4	848.82	1/4	1,194.45	1/4	1,553.53	1/4	1,912.62	1/4	2,271.70	1/4	2,630.78	1/4	2,989.85	1/4	3,348.75
1/2	148.37	1/2	503.80	1/2	856.00	1/2	1,201.93	1/2	1,561.01	1/2	1,920.10	1/2	2,279.18	1/2	2,638.26	1/2	2,997.33	1/2	3,356.22
3/4	155.65	3/4	511.08	3/4	863.18	3/4	1,209.41	3/4	1,568.49	3/4	1,927.58	3/4	2,286.66	3/4	2,645.74	3/4	3,004.81	3/4	3,363.70
5	162.93	5	518.36	5	870.35	5	1,216.89	5	1,575.98	5	1,935.06	5	2,294.14	5	2,653.23	5	3,012.28	5	3,371.18
1/4	170.20	1/4	525.64	1/4	877.53	1/4	1,224.37	1/4	1,583.46	1/4	1,942.54	1/4	2,301.62	1/4	2,660.71	1/4	3,019.76	1/4	3,378.65
1/2	177.48	1/2	532.92	1/2	884.71	1/2	1,231.85	1/2	1,590.94	1/2	1,950.02	1/2	2,309.10	1/2	2,668.19	1/2	3,027.24	1/2	3,386.13
3/4	184.76	3/4	540.20	3/4	891.88	3/4	1,239.34	3/4	1,598.42	3/4	1,957.50	3/4	2,316.58	3/4	2,675.67	3/4	3,034.72	3/4	3,393.61
6	192.04	6	547.47	6	899.06	6	1,246.82	6	1,605.90	6	1,964.98	6	2,324.07	6	2,683.15	6	3,042.19	6	3,401.08
1/4	199.32	1/4	554.75	1/4	906.24	1/4	1,254.30	1/4	1,613.38	1/4	1,972.46	1/4	2,331.55	1/4	2,690.63	1/4	3,049.67	1/4	3,408.56
1/2	206.60	1/2	562.03	1/2	913.41	1/2	1,261.78	1/2	1,620.86	1/2	1,979.94	1/2	2,339.03	1/2	2,698.11	1/2	3,057.15	1/2	3,416.04
3/4	213.88	3/4	569.31	3/4	920.59	3/4	1,269.26	3/4	1,628.34	3/4	1,987.43	3/4	2,346.51	3/4	2,705.59	3/4	3,064.62	3/4	3,423.51
7	221.15	7	576.59	7	927.77	7	1,276.74	7	1,635.82	7	1,994.91	7	2,353.99	7	2,713.07	7	3,072.10	7	3,430.99
1/4	228.43	1/4	583.87	1/4	934.94	1/4	1,284.22	1/4	1,643.30	1/4	2,002.39	1/4	2,361.47	1/4	2,720.55	1/4	3,079.58	1/4	3,438.47
1/2	235.71	1/2	591.15	1/2	942.12	1/2	1,291.70	1/2	1,650.78	1/2	2,009.87	1/2	2,368.95	1/2	2,728.03	1/2	3,087.05	1/2	3,445.94
3/4	242.99	3/4	598.42	3/4	949.30	3/4	1,299.18	3/4	1,658.27	3/4	2,017.35	3/4	2,376.43	3/4	2,735.52	3/4	3,094.53	3/4	3,453.42
8	250.27	8	605.70	8	956.47	8	1,306.66	8	1,665.75	8	2,024.83	8	2,383.91	8	2,743.00	8	3,102.01	8	3,460.90
1/4	257.55	1/4	612.98	1/4	963.65	1/4	1,314.14	1/4	1,673.23	1/4	2,032.31	1/4	2,391.39	1/4	2,750.48	1/4	3,109.48	1/4	3,468.38
1/2	264.83	1/2	620.26	1/2	970.83	1/2	1,321.63	1/2	1,680.71	1/2	2,039.79	1/2	2,398.87	1/2	2,757.96	1/2	3,116.96	1/2	3,475.85
3/4	272.10	3/4	627.54	3/4	978.00	3/4	1,329.11	3/4	1,688.19	3/4	2,047.27	3/4	2,406.36	3/4	2,765.44	3/4	3,124.44	3/4	3,483.33
9	279.38	9	634.82	9	985.18	9	1,336.59	9	1,695.67	9	2,054.75	9	2,413.84	9	2,772.92	9	3,131.91	9	3,490.81
1/4	286.86	1/4	642.09	1/4	992.36	1/4	1,344.07	1/4	1,703.15	1/4	2,062.23	1/4	2,421.32	1/4	2,780.40	1/4	3,139.39	1/4	3,498.28
1/2	294.34	1/2	649.37	1/2	999.53	1/2	1,351.55	1/2	1,710.63	1/2	2,069.72	1/2	2,428.80	1/2	2,787.88	1/2	3,146.87	1/2	3,505.76
3/4	301.82	3/4	656.65	3/4	1,006.71	3/4	1,359.03	3/4	1,718.11	3/4	2,077.20	3/4	2,436.28	3/4	2,795.36	3/4	3,154.35	3/4	3,513.24
10	309.31	10	663.93	10	1,013.89	10	1,366.51	10	1,725.59	10	2,084.68	10	2,443.76	10	2,802.84	10	3,161.82	10	3,520.71
1/4	316.79	1/4	671.21	1/4	1,021.07	1/4	1,373.99	1/4	1,733.07	1/4	2,092.16	1/4	2,451.24	1/4	2,810.32	1/4	3,169.30	1/4	3,528.19
1/2	324.27	1/2	678.49	1/2	1,028.24	1/2	1,381.47	1/2	1,740.56	1/2	2,099.64	1/2	2,458.72	1/2	2,817.81	1/2	3,176.78	1/2	3,535.67
3/4	331.75	3/4	685.77	3/4	1,035.42	3/4	1,388.95	3/4	1,748.04	3/4	2,107.12	3/4	2,466.20	3/4	2,825.29	3/4	3,184.25	3/4	3,543.14
11	339.23	11	693.04	11	1,042.60	11	1,396.43	11	1,755.52	11	2,114.60	11	2,473.68	11	2,832.77	11	3,191.73	11	3,550.62
1/4	346.71	1/4	700.32	1/4	1,049.78	1/4	1,403.92	1/4	1,763.00	1/4	2,122.08	1/4	2,481.16	1/4	2,840.25	1/4	3,199.21	1/4	3,558.10
1/2	354.19	1/2	707.60	1/2	1,056.96	1/2	1,411.40	1/2	1,770.48	1/2	2,129.56	1/2	2,488.65	1/2	2,847.73	1/2	3,206.68	1/2	3,565.58
3/4	361.67	3/4	715.08	3/4	1,064.13	3/4	1,418.88	3/4	1,777.96	3/4	2,137.04	3/4	2,496.13	3/4	2,855.21	3/4	3,214.16	3/4	3,573.05

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 8 INCH HATCH OR TOP LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (8 INCH HATCH OR HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

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

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



BARGE "PTC 1402"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	3,580.53	0	3,939.42	0	4,298.31	0	4,656.37	0	5,011.28	0		0		0		0		0	
1/4	3,588.01	1/4	3,946.90	1/4	4,305.79	1/4	4,663.83	1/4	5,017.90	1/4		1/4		1/4		1/4		1/4	
1/2	3,595.48	1/2	3,954.37	1/2	4,313.27	1/2	4,671.28	1/2	5,024.52	1/2		1/2		1/2		1/2		1/2	
3/4	3,602.96	3/4	3,961.85	3/4	4,320.74	3/4	4,678.74	3/4	5,031.13	3/4		3/4		3/4		3/4		3/4	
1	3,610.44	1	3,969.33	1	4,328.22	1	4,686.18	1	5,036.68	1		1		1		1		1	
1/4	3,617.91	1/4	3,976.80	1/4	4,335.70	1/4	4,693.63	1/4	5,042.23	1/4		1/4		1/4		1/4		1/4	
1/2	3,625.39	1/2	3,984.28	1/2	4,343.17	1/2	4,701.07	1/2	5,047.78	1/2		1/2		1/2		1/2		1/2	
3/4	3,632.87	3/4	3,991.76	3/4	4,350.65	3/4	4,708.52	3/4	5,053.33	3/4		3/4		3/4		3/4		3/4	
2	3,640.34	2	3,999.24	2	4,358.12	2	4,715.93	2	5,057.81	2		2		2		2		2	
1/4	3,647.82	1/4	4,006.71	1/4	4,365.59	1/4	4,723.35	1/4	5,062.29	1/4		1/4		1/4		1/4		1/4	
1/2	3,655.30	1/2	4,014.19	1/2	4,373.06	1/2	4,730.76	1/2	5,066.77	1/2		1/2		1/2		1/2		1/2	
3/4	3,662.77	3/4	4,021.67	3/4	4,380.53	3/4	4,738.18	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,670.25	3	4,029.14	3	4,387.99	3	4,745.60	3		3		3		3		3		3	
1/4	3,677.73	1/4	4,036.62	1/4	4,395.44	1/4	4,753.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,685.21	1/2	4,044.10	1/2	4,402.90	1/2	4,760.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,692.68	3/4	4,051.57	3/4	4,410.35	3/4	4,767.84	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,700.16	4	4,059.05	4	4,417.81	4	4,775.26	4		4		4		4		4		4	
1/4	3,707.64	1/4	4,066.53	1/4	4,425.26	1/4	4,782.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,715.11	1/2	4,074.00	1/2	4,432.72	1/2	4,790.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,722.59	3/4	4,081.48	3/4	4,440.17	3/4	4,797.50	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,730.07	5	4,088.96	5	4,447.63	5	4,804.92	5		5		5		5		5		5	
1/4	3,737.54	1/4	4,096.44	1/4	4,455.08	1/4	4,812.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,745.02	1/2	4,103.91	1/2	4,462.54	1/2	4,819.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,752.50	3/4	4,111.39	3/4	4,469.99	3/4	4,827.16	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,759.97	6	4,118.87	6	4,477.45	6	4,834.58	6		6		6		6		6		6	
1/4	3,767.45	1/4	4,126.34	1/4	4,484.90	1/4	4,842.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,774.93	1/2	4,133.82	1/2	4,492.36	1/2	4,849.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,782.41	3/4	4,141.30	3/4	4,499.81	3/4	4,856.83	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,789.88	7	4,148.77	7	4,507.27	7	4,864.24	7		7		7		7		7		7	
1/4	3,797.36	1/4	4,156.25	1/4	4,514.72	1/4	4,871.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,804.84	1/2	4,163.73	1/2	4,522.18	1/2	4,879.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,812.31	3/4	4,171.20	3/4	4,529.64	3/4	4,886.49	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,819.79	8	4,178.68	8	4,537.09	8	4,893.91	8		8		8		8		8		8	
1/4	3,827.27	1/4	4,186.16	1/4	4,544.55	1/4	4,901.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,834.74	1/2	4,193.63	1/2	4,552.00	1/2	4,908.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,842.22	3/4	4,201.11	3/4	4,559.46	3/4	4,916.17	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,849.70	9	4,208.59	9	4,566.91	9	4,923.59	9		9		9		9		9		9	
1/4	3,857.17	1/4	4,216.07	1/4	4,574.37	1/4	4,931.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,864.65	1/2	4,223.54	1/2	4,581.82	1/2	4,938.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,872.13	3/4	4,231.02	3/4	4,589.28	3/4	4,945.85	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,879.60	10	4,238.50	10	4,596.73	10	4,953.27	10		10		10		10		10		10	
1/4	3,887.08	1/4	4,245.97	1/4	4,604.19	1/4	4,960.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,894.56	1/2	4,253.45	1/2	4,611.64	1/2	4,968.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,902.04	3/4	4,260.93	3/4	4,619.10	3/4	4,975.53	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,909.51	11	4,268.40	11	4,626.55	11	4,982.81	11		11		11		11		11		11	
1/4	3,916.99	1/4	4,275.88	1/4	4,634.01	1/4	4,990.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,924.47	1/2	4,283.36	1/2	4,641.46	1/2	4,997.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,931.94	3/4	4,290.83	3/4	4,648.92	3/4	5,004.67	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/29/2014 SW
CALCULATED: 07/29/2014 CL
PRINTED: 07/30/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

PRECISION MEASUREMENT
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BARGE "PTC 1402"

2 STBD INNAGE TABLE

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	25.55	0	369.06	0	722.39	0	1,080.96	0	1,439.92	0	1,798.92	0	2,157.91	0	2,516.91	0	2,875.91	0	3,234.76
1/4	30.69	1/4	376.54	1/4	729.87	1/4	1,088.43	1/4	1,447.40	1/4	1,806.40	1/4	2,165.39	1/4	2,524.39	1/4	2,883.39	1/4	3,242.24
1/2	35.83	1/2	384.02	1/2	737.35	1/2	1,095.91	1/2	1,454.88	1/2	1,813.88	1/2	2,172.87	1/2	2,531.87	1/2	2,890.87	1/2	3,249.71
3/4	40.98	3/4	391.50	3/4	744.83	3/4	1,103.38	3/4	1,462.36	3/4	1,821.35	3/4	2,180.35	3/4	2,539.35	3/4	2,898.35	3/4	3,257.19
1	47.75	1	398.98	1	752.31	1	1,110.85	1	1,469.84	1	1,828.83	1	2,187.83	1	2,546.83	1	2,905.82	1	3,264.66
1/4	54.53	1/4	406.46	1/4	759.78	1/4	1,118.33	1/4	1,477.32	1/4	1,836.31	1/4	2,195.31	1/4	2,554.31	1/4	2,913.30	1/4	3,272.14
1/2	61.31	1/2	413.94	1/2	767.26	1/2	1,125.80	1/2	1,484.80	1/2	1,843.79	1/2	2,202.79	1/2	2,561.79	1/2	2,920.78	1/2	3,279.61
3/4	68.09	3/4	421.41	3/4	774.74	3/4	1,133.28	3/4	1,492.27	3/4	1,851.27	3/4	2,210.27	3/4	2,569.26	3/4	2,928.26	3/4	3,287.09
2	75.57	2	428.89	2	782.22	2	1,140.76	2	1,499.75	2	1,858.75	2	2,217.75	2	2,576.74	2	2,935.74	2	3,294.56
1/4	82.84	1/4	436.37	1/4	789.70	1/4	1,148.24	1/4	1,507.23	1/4	1,866.23	1/4	2,225.23	1/4	2,584.22	1/4	2,943.22	1/4	3,302.04
1/2	90.12	1/2	443.85	1/2	797.18	1/2	1,155.71	1/2	1,514.71	1/2	1,873.71	1/2	2,232.71	1/2	2,591.70	1/2	2,950.70	1/2	3,309.51
3/4	97.40	3/4	451.33	3/4	804.66	3/4	1,163.19	3/4	1,522.19	3/4	1,881.19	3/4	2,240.18	3/4	2,599.18	3/4	2,958.18	3/4	3,316.99
3	104.67	3	458.81	3	812.13	3	1,170.67	3	1,529.67	3	1,888.67	3	2,247.66	3	2,606.66	3	2,965.65	3	3,324.46
1/4	111.95	1/4	466.29	1/4	819.61	1/4	1,178.15	1/4	1,537.15	1/4	1,896.15	1/4	2,255.14	1/4	2,614.14	1/4	2,973.13	1/4	3,331.94
1/2	119.23	1/2	473.77	1/2	827.09	1/2	1,185.63	1/2	1,544.63	1/2	1,903.62	1/2	2,262.62	1/2	2,621.62	1/2	2,980.61	1/2	3,339.41
3/4	126.50	3/4	481.25	3/4	834.56	3/4	1,193.11	3/4	1,552.11	3/4	1,911.10	3/4	2,270.10	3/4	2,629.10	3/4	2,988.08	3/4	3,346.89
4	133.78	4	488.73	4	842.03	4	1,200.59	4	1,559.59	4	1,918.58	4	2,277.58	4	2,636.58	4	2,995.56	4	3,354.36
1/4	141.06	1/4	496.20	1/4	849.49	1/4	1,208.07	1/4	1,567.07	1/4	1,926.06	1/4	2,285.06	1/4	2,644.06	1/4	3,003.03	1/4	3,361.84
1/2	148.33	1/2	503.68	1/2	856.96	1/2	1,215.55	1/2	1,574.54	1/2	1,933.54	1/2	2,292.54	1/2	2,651.53	1/2	3,010.51	1/2	3,369.31
3/4	155.61	3/4	510.96	3/4	864.43	3/4	1,223.03	3/4	1,582.02	3/4	1,941.02	3/4	2,300.02	3/4	2,659.01	3/4	3,017.98	3/4	3,376.79
5	162.89	5	518.24	5	871.89	5	1,230.51	5	1,589.50	5	1,948.50	5	2,307.50	5	2,666.49	5	3,025.46	5	3,384.26
1/4	170.16	1/4	525.51	1/4	879.36	1/4	1,237.99	1/4	1,596.98	1/4	1,955.98	1/4	2,314.98	1/4	2,673.97	1/4	3,032.93	1/4	3,391.74
1/2	177.44	1/2	532.79	1/2	886.82	1/2	1,245.46	1/2	1,604.46	1/2	1,963.46	1/2	2,322.45	1/2	2,681.45	1/2	3,040.41	1/2	3,399.21
3/4	184.72	3/4	540.07	3/4	894.29	3/4	1,252.94	3/4	1,611.94	3/4	1,970.94	3/4	2,329.93	3/4	2,688.93	3/4	3,047.88	3/4	3,406.69
6	191.99	6	547.34	6	901.76	6	1,260.42	6	1,619.42	6	1,978.42	6	2,337.41	6	2,696.41	6	3,055.36	6	3,414.16
1/4	199.27	1/4	554.62	1/4	909.22	1/4	1,267.90	1/4	1,626.90	1/4	1,985.90	1/4	2,344.89	1/4	2,703.89	1/4	3,062.84	1/4	3,421.64
1/2	206.55	1/2	561.90	1/2	916.69	1/2	1,275.38	1/2	1,634.38	1/2	1,993.37	1/2	2,352.37	1/2	2,711.37	1/2	3,070.31	1/2	3,429.11
3/4	213.82	3/4	569.17	3/4	924.16	3/4	1,282.86	3/4	1,641.86	3/4	2,000.85	3/4	2,359.85	3/4	2,718.85	3/4	3,077.79	3/4	3,436.59
7	221.10	7	576.45	7	931.62	7	1,290.34	7	1,649.34	7	2,008.33	7	2,367.33	7	2,726.33	7	3,085.26	7	3,444.07
1/4	228.38	1/4	583.73	1/4	939.09	1/4	1,297.82	1/4	1,656.81	1/4	2,015.81	1/4	2,374.81	1/4	2,733.81	1/4	3,092.74	1/4	3,451.54
1/2	235.66	1/2	591.00	1/2	946.55	1/2	1,305.30	1/2	1,664.29	1/2	2,023.29	1/2	2,382.29	1/2	2,741.28	1/2	3,100.21	1/2	3,459.02
3/4	242.93	3/4	598.28	3/4	954.02	3/4	1,312.78	3/4	1,671.77	3/4	2,030.77	3/4	2,389.77	3/4	2,748.76	3/4	3,107.69	3/4	3,466.49
8	250.21	8	605.56	8	961.49	8	1,320.26	8	1,679.25	8	2,038.25	8	2,397.25	8	2,756.24	8	3,115.16	8	3,473.97
1/4	257.49	1/4	612.83	1/4	968.95	1/4	1,327.73	1/4	1,686.73	1/4	2,045.73	1/4	2,404.72	1/4	2,763.72	1/4	3,122.64	1/4	3,481.44
1/2	264.76	1/2	620.11	1/2	976.42	1/2	1,335.21	1/2	1,694.21	1/2	2,053.21	1/2	2,412.20	1/2	2,771.20	1/2	3,130.11	1/2	3,488.92
3/4	272.04	3/4	627.39	3/4	983.89	3/4	1,342.69	3/4	1,701.69	3/4	2,060.69	3/4	2,419.68	3/4	2,778.68	3/4	3,137.59	3/4	3,496.39
9	279.32	9	634.67	9	991.35	9	1,350.17	9	1,709.17	9	2,068.17	9	2,427.16	9	2,786.16	9	3,145.06	9	3,503.87
1/4	286.79	1/4	641.94	1/4	998.82	1/4	1,357.65	1/4	1,716.65	1/4	2,075.64	1/4	2,434.64	1/4	2,793.64	1/4	3,152.54	1/4	3,511.34
1/2	294.27	1/2	649.22	1/2	1,006.28	1/2	1,365.13	1/2	1,724.13	1/2	2,083.12	1/2	2,442.12	1/2	2,801.12	1/2	3,160.01	1/2	3,518.82
3/4	301.75	3/4	656.50	3/4	1,013.75	3/4	1,372.61	3/4	1,731.61	3/4	2,090.60	3/4	2,449.60	3/4	2,808.60	3/4	3,167.49	3/4	3,526.29
10	309.23	10	663.77	10	1,021.22	10	1,380.09	10	1,739.08	10	2,098.08	10	2,457.08	10	2,816.08	10	3,174.96	10	3,533.77
1/4	316.71	1/4	671.05	1/4	1,028.68	1/4	1,387.57	1/4	1,746.56	1/4	2,105.56	1/4	2,464.56	1/4	2,823.55	1/4	3,182.44	1/4	3,541.24
1/2	324.19	1/2	678.33	1/2	1,036.15	1/2	1,395.05	1/2	1,754.04	1/2	2,113.04	1/2	2,472.04	1/2	2,831.03	1/2	3,189.91	1/2	3,548.72
3/4	331.67	3/4	685.60	3/4	1,043.61	3/4	1,402.53	3/4	1,761.52	3/4	2,120.52	3/4	2,479.52	3/4	2,838.51	3/4	3,197.39	3/4	3,556.19
11	339.15	11	692.88	11	1,051.08	11	1,410.00	11	1,769.00	11	2,128.00	11	2,486.99	11	2,845.99	11	3,204.86	11	3,563.67
1/4	346.63	1/4	700.16	1/4	1,058.55	1/4	1,417.48	1/4	1,776.48	1/4	2,135.48	1/4	2,494.47	1/4	2,853.47	1/4	3,212.34	1/4	3,571.14
1/2	354.10	1/2	707.43	1/2	1,066.02	1/2	1,424.96	1/2	1,783.96	1/2	2,142.96	1/2	2,501.95	1/2	2,860.95	1/2	3,219.81	1/2	3,578.62
3/4	361.58	3/4	714.91	3/4	1,073.48	3/4	1,432.44	3/4	1,791.44	3/4	2,150.44	3/4	2,509.43	3/4	2,868.43	3/4	3,227.29	3/4	3,586.09

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 8 INCH HATCH OR TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (8 INCH HATCH OR HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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



BARGE "PTC 1402"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,593.57	0	3,952.37	0	4,311.18	0	4,669.15	0	5,023.98	0		0		0		0		0	
1/4	3,601.04	1/4	3,959.85	1/4	4,318.65	1/4	4,676.60	1/4	5,030.59	1/4		1/4		1/4		1/4		1/4	
1/2	3,608.52	1/2	3,967.32	1/2	4,326.13	1/2	4,684.06	1/2	5,037.21	1/2		1/2		1/2		1/2		1/2	
3/4	3,615.99	3/4	3,974.80	3/4	4,333.60	3/4	4,691.51	3/4	5,043.83	3/4		3/4		3/4		3/4		3/4	
1	3,623.47	1	3,982.27	1	4,341.08	1	4,698.95	1	5,049.37	1		1		1		1		1	
1/4	3,630.94	1/4	3,989.75	1/4	4,348.55	1/4	4,706.39	1/4	5,054.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,638.42	1/2	3,997.22	1/2	4,356.03	1/2	4,713.84	1/2	5,060.47	1/2		1/2		1/2		1/2		1/2	
3/4	3,645.89	3/4	4,004.70	3/4	4,363.50	3/4	4,721.28	3/4	5,066.02	3/4		3/4		3/4		3/4		3/4	
2	3,653.37	2	4,012.17	2	4,370.97	2	4,728.69	2	5,070.50	2		2		2		2		2	
1/4	3,660.84	1/4	4,019.65	1/4	4,378.44	1/4	4,736.11	1/4	5,074.98	1/4		1/4		1/4		1/4		1/4	
1/2	3,668.32	1/2	4,027.12	1/2	4,385.91	1/2	4,743.52	1/2	5,079.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,675.79	3/4	4,034.60	3/4	4,393.37	3/4	4,750.93	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,683.27	3	4,042.07	3	4,400.83	3	4,758.35	3		3		3		3		3		3	
1/4	3,690.74	1/4	4,049.55	1/4	4,408.28	1/4	4,765.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,698.22	1/2	4,057.02	1/2	4,415.73	1/2	4,773.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,705.69	3/4	4,064.50	3/4	4,423.19	3/4	4,780.59	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,713.17	4	4,071.97	4	4,430.64	4	4,788.00	4		4		4		4		4		4	
1/4	3,720.64	1/4	4,079.45	1/4	4,438.09	1/4	4,795.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,728.12	1/2	4,086.92	1/2	4,445.55	1/2	4,802.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,735.59	3/4	4,094.40	3/4	4,453.00	3/4	4,810.24	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,743.07	5	4,101.87	5	4,460.45	5	4,817.66	5		5		5		5		5		5	
1/4	3,750.54	1/4	4,109.35	1/4	4,467.91	1/4	4,825.07	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,758.02	1/2	4,116.82	1/2	4,475.36	1/2	4,832.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,765.49	3/4	4,124.30	3/4	4,482.81	3/4	4,839.90	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,772.97	6	4,131.77	6	4,490.27	6	4,847.31	6		6		6		6		6		6	
1/4	3,780.44	1/4	4,139.25	1/4	4,497.72	1/4	4,854.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,787.92	1/2	4,146.72	1/2	4,505.17	1/2	4,862.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,795.39	3/4	4,154.20	3/4	4,512.63	3/4	4,869.55	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,802.87	7	4,161.67	7	4,520.08	7	4,876.97	7		7		7		7		7		7	
1/4	3,810.35	1/4	4,169.15	1/4	4,527.53	1/4	4,884.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,817.82	1/2	4,176.62	1/2	4,534.99	1/2	4,891.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,825.30	3/4	4,184.10	3/4	4,542.44	3/4	4,899.21	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,832.77	8	4,191.58	8	4,549.89	8	4,906.63	8		8		8		8		8		8	
1/4	3,840.25	1/4	4,199.05	1/4	4,557.35	1/4	4,914.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,847.72	1/2	4,206.53	1/2	4,564.80	1/2	4,921.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,855.20	3/4	4,214.00	3/4	4,572.25	3/4	4,928.88	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,862.67	9	4,221.48	9	4,579.71	9	4,936.30	9		9		9		9		9		9	
1/4	3,870.15	1/4	4,228.95	1/4	4,587.16	1/4	4,943.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,877.62	1/2	4,236.43	1/2	4,594.61	1/2	4,951.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,885.10	3/4	4,243.90	3/4	4,602.07	3/4	4,958.55	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,892.57	10	4,251.38	10	4,609.52	10	4,965.97	10		10		10		10		10		10	
1/4	3,900.05	1/4	4,258.85	1/4	4,616.97	1/4	4,973.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,907.52	1/2	4,266.33	1/2	4,624.43	1/2	4,980.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,915.00	3/4	4,273.80	3/4	4,631.88	3/4	4,988.22	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,922.47	11	4,281.28	11	4,639.34	11	4,995.51	11		11		11		11		11		11	
1/4	3,929.95	1/4	4,288.75	1/4	4,646.79	1/4	5,002.79	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,937.42	1/2	4,296.23	1/2	4,654.24	1/2	5,010.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,944.90	3/4	4,303.70	3/4	4,661.70	3/4	5,017.36	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/29/2014 SW
CALCULATED: 07/29/2014 CL
PRINTED: 07/30/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "PTC 1402"

3 PORT INNAGE TABLE

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	25.46	0	367.33	0	718.83	0	1,068.06	0	1,422.00	0	1,778.97	0	2,133.78	0	2,488.63	0	2,845.34	0	3,201.86
1/4	30.59	1/4	374.77	1/4	726.27	1/4	1,075.27	1/4	1,429.44	1/4	1,786.40	1/4	2,141.16	1/4	2,496.07	1/4	2,852.77	1/4	3,209.28
1/2	35.71	1/2	382.21	1/2	733.72	1/2	1,082.49	1/2	1,436.88	1/2	1,793.84	1/2	2,148.53	1/2	2,503.50	1/2	2,860.20	1/2	3,216.71
3/4	40.83	3/4	389.65	3/4	741.16	3/4	1,089.70	3/4	1,444.32	3/4	1,801.28	3/4	2,155.91	3/4	2,510.94	3/4	2,867.63	3/4	3,224.14
1	47.59	1	397.09	1	748.60	1	1,096.92	1	1,451.75	1	1,808.71	1	2,163.28	1	2,518.38	1	2,875.06	1	3,231.56
1/4	54.34	1/4	404.53	1/4	756.04	1/4	1,104.14	1/4	1,459.19	1/4	1,816.15	1/4	2,170.65	1/4	2,525.81	1/4	2,882.49	1/4	3,238.98
1/2	61.10	1/2	411.97	1/2	763.48	1/2	1,111.35	1/2	1,466.63	1/2	1,823.59	1/2	2,178.03	1/2	2,533.25	1/2	2,889.91	1/2	3,246.40
3/4	67.85	3/4	419.41	3/4	770.92	3/4	1,118.57	3/4	1,474.06	3/4	1,831.02	3/4	2,185.40	3/4	2,540.69	3/4	2,897.34	3/4	3,253.82
2	75.30	2	426.85	2	778.36	2	1,125.80	2	1,481.50	2	1,838.46	2	2,192.77	2	2,548.12	2	2,904.77	2	3,261.23
1/4	82.55	1/4	434.29	1/4	785.80	1/4	1,133.02	1/4	1,488.94	1/4	1,845.90	1/4	2,200.15	1/4	2,555.56	1/4	2,912.20	1/4	3,268.63
1/2	89.80	1/2	441.73	1/2	793.24	1/2	1,140.25	1/2	1,496.37	1/2	1,853.33	1/2	2,207.52	1/2	2,563.00	1/2	2,919.63	1/2	3,276.04
3/4	97.05	3/4	449.17	3/4	800.68	3/4	1,147.48	3/4	1,503.81	3/4	1,860.77	3/4	2,214.90	3/4	2,570.43	3/4	2,927.06	3/4	3,283.44
3	104.30	3	456.61	3	808.07	3	1,154.76	3	1,511.25	3	1,868.19	3	2,222.28	3	2,577.87	3	2,934.49	3	3,290.85
1/4	111.54	1/4	464.05	1/4	815.45	1/4	1,162.04	1/4	1,518.68	1/4	1,875.61	1/4	2,229.66	1/4	2,585.30	1/4	2,941.92	1/4	3,298.26
1/2	118.79	1/2	471.49	1/2	822.83	1/2	1,169.31	1/2	1,526.12	1/2	1,883.03	1/2	2,237.03	1/2	2,592.74	1/2	2,949.35	1/2	3,305.66
3/4	126.03	3/4	478.93	3/4	830.21	3/4	1,176.59	3/4	1,533.56	3/4	1,890.45	3/4	2,244.41	3/4	2,600.17	3/4	2,956.78	3/4	3,313.07
4	133.27	4	486.37	4	837.42	4	1,184.03	4	1,540.99	4	1,897.82	4	2,251.81	4	2,607.60	4	2,964.20	4	3,320.47
1/4	140.51	1/4	493.81	1/4	844.63	1/4	1,191.47	1/4	1,548.43	1/4	1,905.20	1/4	2,259.21	1/4	2,615.03	1/4	2,971.63	1/4	3,327.88
1/2	147.75	1/2	501.25	1/2	851.83	1/2	1,198.90	1/2	1,555.87	1/2	1,912.57	1/2	2,266.61	1/2	2,622.46	1/2	2,979.06	1/2	3,335.28
3/4	154.99	3/4	508.49	3/4	859.04	3/4	1,206.34	3/4	1,563.30	3/4	1,919.94	3/4	2,274.01	3/4	2,629.89	3/4	2,986.48	3/4	3,342.69
5	162.23	5	515.73	5	866.25	5	1,213.78	5	1,570.74	5	1,927.32	5	2,281.41	5	2,637.32	5	2,993.91	5	3,350.10
1/4	169.47	1/4	522.97	1/4	873.45	1/4	1,221.21	1/4	1,578.18	1/4	1,934.69	1/4	2,288.80	1/4	2,644.75	1/4	3,001.34	1/4	3,357.50
1/2	176.71	1/2	530.21	1/2	880.66	1/2	1,228.65	1/2	1,585.61	1/2	1,942.07	1/2	2,296.20	1/2	2,652.18	1/2	3,008.76	1/2	3,364.91
3/4	183.95	3/4	537.45	3/4	887.87	3/4	1,236.09	3/4	1,593.05	3/4	1,949.44	3/4	2,303.60	3/4	2,659.61	3/4	3,016.19	3/4	3,372.31
6	191.19	6	544.68	6	895.07	6	1,243.52	6	1,600.49	6	1,956.81	6	2,311.00	6	2,667.04	6	3,023.62	6	3,379.72
1/4	198.43	1/4	551.92	1/4	902.28	1/4	1,250.96	1/4	1,607.92	1/4	1,964.19	1/4	2,318.40	1/4	2,674.47	1/4	3,031.04	1/4	3,387.13
1/2	205.67	1/2	559.16	1/2	909.49	1/2	1,258.40	1/2	1,615.36	1/2	1,971.56	1/2	2,325.79	1/2	2,681.89	1/2	3,038.47	1/2	3,394.53
3/4	212.91	3/4	566.40	3/4	916.70	3/4	1,265.83	3/4	1,622.80	3/4	1,978.93	3/4	2,333.19	3/4	2,689.32	3/4	3,045.90	3/4	3,401.94
7	220.15	7	573.64	7	923.90	7	1,273.27	7	1,630.23	7	1,986.31	7	2,340.59	7	2,696.75	7	3,053.32	7	3,409.34
1/4	227.39	1/4	580.88	1/4	931.11	1/4	1,280.71	1/4	1,637.67	1/4	1,993.68	1/4	2,347.99	1/4	2,704.18	1/4	3,060.75	1/4	3,416.75
1/2	234.63	1/2	588.12	1/2	938.32	1/2	1,288.14	1/2	1,645.11	1/2	2,001.06	1/2	2,355.39	1/2	2,711.61	1/2	3,068.18	1/2	3,424.16
3/4	241.87	3/4	595.36	3/4	945.52	3/4	1,295.58	3/4	1,652.54	3/4	2,008.43	3/4	2,362.79	3/4	2,719.04	3/4	3,075.60	3/4	3,431.56
8	249.11	8	602.60	8	952.73	8	1,303.02	8	1,659.98	8	2,015.80	8	2,370.18	8	2,726.47	8	3,083.03	8	3,438.97
1/4	256.34	1/4	609.84	1/4	959.94	1/4	1,310.45	1/4	1,667.42	1/4	2,023.18	1/4	2,377.58	1/4	2,733.90	1/4	3,090.46	1/4	3,446.37
1/2	263.58	1/2	617.08	1/2	967.14	1/2	1,317.89	1/2	1,674.85	1/2	2,030.55	1/2	2,384.98	1/2	2,741.33	1/2	3,097.88	1/2	3,453.78
3/4	270.82	3/4	624.32	3/4	974.35	3/4	1,325.33	3/4	1,682.29	3/4	2,037.92	3/4	2,392.38	3/4	2,748.76	3/4	3,105.31	3/4	3,461.18
9	278.06	9	631.56	9	981.56	9	1,332.76	9	1,689.73	9	2,045.30	9	2,399.78	9	2,756.19	9	3,112.74	9	3,468.59
1/4	285.30	1/4	638.80	1/4	988.77	1/4	1,340.20	1/4	1,697.16	1/4	2,052.67	1/4	2,407.18	1/4	2,763.62	1/4	3,120.16	1/4	3,476.00
1/2	292.54	1/2	646.04	1/2	995.97	1/2	1,347.64	1/2	1,704.60	1/2	2,060.05	1/2	2,414.57	1/2	2,771.05	1/2	3,127.59	1/2	3,483.41
3/4	300.38	3/4	653.28	3/4	1,003.18	3/4	1,355.07	3/4	1,712.04	3/4	2,067.42	3/4	2,421.97	3/4	2,778.48	3/4	3,135.02	3/4	3,490.82
10	307.82	10	660.52	10	1,010.39	10	1,362.51	10	1,719.47	10	2,074.79	10	2,429.37	10	2,785.90	10	3,142.44	10	3,498.24
1/4	315.26	1/4	667.75	1/4	1,017.59	1/4	1,369.95	1/4	1,726.91	1/4	2,082.17	1/4	2,436.77	1/4	2,793.33	1/4	3,149.87	1/4	3,505.65
1/2	322.70	1/2	674.99	1/2	1,024.80	1/2	1,377.38	1/2	1,734.35	1/2	2,089.54	1/2	2,444.17	1/2	2,800.76	1/2	3,157.30	1/2	3,513.07
3/4	330.14	3/4	682.23	3/4	1,032.01	3/4	1,384.82	3/4	1,741.78	3/4	2,096.92	3/4	2,451.56	3/4	2,808.19	3/4	3,164.72	3/4	3,520.49
11	337.57	11	689.47	11	1,039.22	11	1,392.26	11	1,749.22	11	2,104.29	11	2,458.97	11	2,815.62	11	3,172.15	11	3,527.91
1/4	345.01	1/4	696.71	1/4	1,046.43	1/4	1,399.69	1/4	1,756.66	1/4	2,111.66	1/4	2,466.38	1/4	2,823.05	1/4	3,179.58	1/4	3,535.34
1/2	352.45	1/2	703.95	1/2	1,053.64	1/2	1,407.13	1/2	1,764.09	1/2	2,119.04	1/2	2,473.79	1/2	2,830.48	1/2	3,187.00	1/2	3,542.76
3/4	359.89	3/4	711.39	3/4	1,060.84	3/4	1,414.57	3/4	1,771.53	3/4	2,126.41	3/4	2,481.20	3/4	2,837.91	3/4	3,194.43	3/4	3,550.19

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 8 INCH HATCH OR TOP LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (8 INCH HATCH OR HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 56'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "PTC 1402"

3 PORT INNAGE TABLE

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	3,556.49	0	3,703.26	0	3,839.68	0	3,975.55	0	4,108.84	0		0		0		0		0	
1/4	3,562.78	1/4	3,706.11	1/4	3,842.52	1/4	3,978.37	1/4	4,110.84	1/4		1/4		1/4		1/4		1/4	
1/2	3,569.08	1/2	3,708.95	1/2	3,845.36	1/2	3,981.20	1/2	4,112.85	1/2		1/2		1/2		1/2		1/2	
3/4	3,575.37	3/4	3,711.79	3/4	3,848.21	3/4	3,984.03	3/4	4,114.85	3/4		3/4		3/4		3/4		3/4	
1	3,578.22	1	3,714.63	1	3,851.05	1	3,986.85	1	4,115.79	1		1		1		1		1	
1/4	3,581.06	1/4	3,717.47	1/4	3,853.89	1/4	3,989.67	1/4	4,116.73	1/4		1/4		1/4		1/4		1/4	
1/2	3,583.90	1/2	3,720.32	1/2	3,856.73	1/2	3,992.49	1/2	4,117.67	1/2		1/2		1/2		1/2		1/2	
3/4	3,586.74	3/4	3,723.16	3/4	3,859.57	3/4	3,995.31	3/4	4,118.61	3/4		3/4		3/4		3/4		3/4	
2	3,589.58	2	3,726.00	2	3,862.41	2	3,998.11	2	4,118.73	2		2		2		2		2	
1/4	3,592.43	1/4	3,728.84	1/4	3,865.25	1/4	4,000.91	1/4	4,118.86	1/4		1/4		1/4		1/4		1/4	
1/2	3,595.27	1/2	3,731.68	1/2	3,868.09	1/2	4,003.71	1/2	4,118.98	1/2		1/2		1/2		1/2		1/2	
3/4	3,598.11	3/4	3,734.53	3/4	3,870.93	3/4	4,006.51	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,600.95	3	3,737.37	3	3,873.76	3	4,009.31	3		3		3		3		3		3	
1/4	3,603.79	1/4	3,740.21	1/4	3,876.58	1/4	4,012.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,606.64	1/2	3,743.05	1/2	3,879.41	1/2	4,014.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,609.48	3/4	3,745.89	3/4	3,882.24	3/4	4,017.71	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,612.32	4	3,748.74	4	3,885.07	4	4,020.51	4		4		4		4		4		4	
1/4	3,615.16	1/4	3,751.58	1/4	3,887.89	1/4	4,023.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,618.00	1/2	3,754.42	1/2	3,890.72	1/2	4,026.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,620.85	3/4	3,757.26	3/4	3,893.55	3/4	4,028.92	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,623.69	5	3,760.10	5	3,896.38	5	4,031.72	5		5		5		5		5		5	
1/4	3,626.53	1/4	3,762.95	1/4	3,899.20	1/4	4,034.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,629.37	1/2	3,765.79	1/2	3,902.03	1/2	4,037.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,632.21	3/4	3,768.63	3/4	3,904.86	3/4	4,040.12	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,635.06	6	3,771.47	6	3,907.69	6	4,042.92	6		6		6		6		6		6	
1/4	3,637.90	1/4	3,774.31	1/4	3,910.51	1/4	4,045.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,640.74	1/2	3,777.16	1/2	3,913.34	1/2	4,048.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,643.58	3/4	3,780.00	3/4	3,916.17	3/4	4,051.32	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,646.42	7	3,782.84	7	3,919.00	7	4,054.12	7		7		7		7		7		7	
1/4	3,649.27	1/4	3,785.68	1/4	3,921.82	1/4	4,056.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,652.11	1/2	3,788.52	1/2	3,924.65	1/2	4,059.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,654.95	3/4	3,791.37	3/4	3,927.48	3/4	4,062.52	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,657.79	8	3,794.21	8	3,930.31	8	4,065.32	8		8		8		8		8		8	
1/4	3,660.63	1/4	3,797.05	1/4	3,933.13	1/4	4,068.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,663.48	1/2	3,799.89	1/2	3,935.96	1/2	4,070.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,666.32	3/4	3,802.73	3/4	3,938.79	3/4	4,073.73	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,669.16	9	3,805.58	9	3,941.62	9	4,076.53	9		9		9		9		9		9	
1/4	3,672.00	1/4	3,808.42	1/4	3,944.44	1/4	4,079.34	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,674.84	1/2	3,811.26	1/2	3,947.27	1/2	4,082.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,677.69	3/4	3,814.10	3/4	3,950.10	3/4	4,084.94	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,680.53	10	3,816.94	10	3,952.93	10	4,087.75	10		10		10		10		10		10	
1/4	3,683.37	1/4	3,819.79	1/4	3,955.75	1/4	4,090.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,686.21	1/2	3,822.63	1/2	3,958.58	1/2	4,093.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,689.05	3/4	3,825.47	3/4	3,961.41	3/4	4,096.15	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,691.90	11	3,828.31	11	3,964.24	11	4,098.82	11		11		11		11		11		11	
1/4	3,694.74	1/4	3,831.15	1/4	3,967.06	1/4	4,101.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,697.58	1/2	3,834.00	1/2	3,969.89	1/2	4,104.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,700.42	3/4	3,836.84	3/4	3,972.72	3/4	4,106.83	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/29/2014 SW
CALCULATED: 07/29/2014 CL
PRINTED: 07/30/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "PTC 1402"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	30.60	1/4	375.31	1/4	727.48	1/4	1,084.78	1/4	1,442.56	1/4	1,800.39	1/4	2,158.21	1/4	2,516.03	1/4	2,873.60	1/4	3,230.98
1/2	35.72	1/2	382.76	1/2	734.93	1/2	1,092.23	1/2	1,450.02	1/2	1,807.84	1/2	2,165.66	1/2	2,523.48	1/2	2,881.05	1/2	3,238.42
3/4	40.85	3/4	390.22	3/4	742.39	3/4	1,099.68	3/4	1,457.47	3/4	1,815.29	3/4	2,173.12	3/4	2,530.94	3/4	2,888.50	3/4	3,245.87
1	47.60	1	397.67	1	749.84	1	1,077.12	1	1,464.93	1	1,822.75	1	2,180.57	1	2,538.39	1	2,958.94	1	3,253.31
1/4	54.36	1/4	405.13	1/4	757.29	1/4	1,114.57	1/4	1,472.38	1/4	1,830.20	1/4	2,188.02	1/4	2,545.85	1/4	2,903.39	1/4	3,260.75
1/2	61.11	1/2	412.58	1/2	764.75	1/2	1,122.02	1/2	1,479.84	1/2	1,837.66	1/2	2,195.48	1/2	2,553.30	1/2	2,910.84	1/2	3,268.19
3/4	67.87	3/4	420.04	3/4	772.20	3/4	1,129.47	3/4	1,487.29	3/4	1,845.11	3/4	2,202.93	3/4	2,560.75	3/4	2,918.28	3/4	3,275.63
2	75.32	2	427.49	2	779.66	2	1,136.93	2	1,494.75	2	1,852.57	2	2,210.39	2	2,568.21	2	2,925.73	2	3,283.05
1/4	82.57	1/4	434.95	1/4	787.11	1/4	1,144.38	1/4	1,502.20	1/4	1,860.02	1/4	2,217.84	1/4	2,575.66	1/4	2,933.18	1/4	3,290.48
1/2	89.83	1/2	442.40	1/2	794.57	1/2	1,151.83	1/2	1,509.66	1/2	1,867.48	1/2	2,225.30	1/2	2,583.12	1/2	2,940.63	1/2	3,297.90
3/4	97.08	3/4	449.85	3/4	802.02	3/4	1,159.29	3/4	1,517.11	3/4	1,874.93	3/4	2,232.75	3/4	2,590.57	3/4	2,948.07	3/4	3,305.32
3	104.33	3	457.31	3	809.47	3	1,166.74	3	1,524.56	3	1,882.39	3	2,240.21	3	2,598.03	3	2,955.52	3	3,312.75
1/4	111.59	1/4	464.76	1/4	816.92	1/4	1,174.20	1/4	1,532.02	1/4	1,889.84	1/4	2,247.66	1/4	2,605.48	1/4	2,962.97	1/4	3,320.17
1/2	118.84	1/2	472.22	1/2	824.37	1/2	1,181.65	1/2	1,539.47	1/2	1,897.29	1/2	2,255.12	1/2	2,612.93	1/2	2,970.41	1/2	3,327.60
3/4	126.09	3/4	479.67	3/4	831.82	3/4	1,189.11	3/4	1,546.93	3/4	1,904.75	3/4	2,262.57	3/4	2,620.39	3/4	2,977.86	3/4	3,335.02
4	133.34	4	487.13	4	839.26	4	1,196.56	4	1,554.38	4	1,912.20	4	2,270.02	4	2,627.84	4	2,985.30	4	3,342.44
1/4	140.60	1/4	494.58	1/4	846.70	1/4	1,204.02	1/4	1,561.84	1/4	1,919.66	1/4	2,277.48	1/4	2,635.28	1/4	2,992.75	1/4	3,349.87
1/2	147.85	1/2	502.03	1/2	854.14	1/2	1,211.47	1/2	1,569.29	1/2	1,927.11	1/2	2,284.93	1/2	2,642.73	1/2	3,000.19	1/2	3,357.29
3/4	155.10	3/4	509.29	3/4	861.58	3/4	1,218.93	3/4	1,576.75	3/4	1,934.57	3/4	2,292.39	3/4	2,650.18	3/4	3,007.64	3/4	3,364.72
5	162.36	5	516.54	5	869.02	5	1,226.38	5	1,584.20	5	1,942.02	5	2,299.84	5	2,657.63	5	3,015.08	5	3,372.14
1/4	169.61	1/4	523.79	1/4	876.46	1/4	1,233.84	1/4	1,591.66	1/4	1,949.48	1/4	2,307.30	1/4	2,665.07	1/4	3,022.53	1/4	3,379.56
1/2	176.86	1/2	531.05	1/2	883.90	1/2	1,241.29	1/2	1,599.11	1/2	1,956.93	1/2	2,314.75	1/2	2,672.52	1/2	3,029.97	1/2	3,386.99
3/4	184.11	3/4	538.30	3/4	891.34	3/4	1,248.74	3/4	1,606.57	3/4	1,964.39	3/4	2,322.21	3/4	2,679.97	3/4	3,037.42	3/4	3,394.41
6	191.37	6	545.55	6	898.78	6	1,256.20	6	1,614.02	6	1,971.84	6	2,329.66	6	2,687.42	6	3,044.86	6	3,401.84
1/4	198.62	1/4	552.80	1/4	906.22	1/4	1,263.65	1/4	1,621.47	1/4	1,979.30	1/4	2,337.12	1/4	2,694.86	1/4	3,052.31	1/4	3,409.26
1/2	205.87	1/2	560.06	1/2	913.66	1/2	1,271.11	1/2	1,628.93	1/2	1,986.75	1/2	2,344.57	1/2	2,702.31	1/2	3,059.75	1/2	3,416.68
3/4	213.13	3/4	567.31	3/4	921.09	3/4	1,278.56	3/4	1,636.38	3/4	1,994.20	3/4	2,352.03	3/4	2,709.76	3/4	3,067.20	3/4	3,424.11
7	220.38	7	574.56	7	928.53	7	1,286.02	7	1,643.84	7	2,001.66	7	2,359.48	7	2,717.20	7	3,074.64	7	3,431.53
1/4	227.63	1/4	581.82	1/4	935.97	1/4	1,293.47	1/4	1,651.29	1/4	2,009.11	1/4	2,366.93	1/4	2,724.65	1/4	3,082.09	1/4	3,438.96
1/2	234.89	1/2	589.07	1/2	943.41	1/2	1,300.93	1/2	1,658.75	1/2	2,016.57	1/2	2,374.39	1/2	2,732.10	1/2	3,089.53	1/2	3,446.38
3/4	242.14	3/4	596.32	3/4	950.85	3/4	1,308.38	3/4	1,666.20	3/4	2,024.02	3/4	2,381.84	3/4	2,739.55	3/4	3,096.98	3/4	3,453.80
8	249.39	8	603.57	8	958.29	8	1,315.84	8	1,673.66	8	2,031.48	8	2,389.30	8	2,746.99	8	3,104.42	8	3,461.23
1/4	256.64	1/4	610.83	1/4	965.73	1/4	1,323.29	1/4	1,681.11	1/4	2,038.93	1/4	2,396.75	1/4	2,754.44	1/4	3,111.86	1/4	3,468.65
1/2	263.90	1/2	618.08	1/2	973.17	1/2	1,330.75	1/2	1,688.57	1/2	2,046.39	1/2	2,404.21	1/2	2,761.89	1/2	3,119.31	1/2	3,476.08
3/4	271.15	3/4	625.33	3/4	980.61	3/4	1,338.20	3/4	1,696.02	3/4	2,053.84	3/4	2,411.66	3/4	2,769.34	3/4	3,126.75	3/4	3,483.50
9	278.40	9	632.59	9	988.05	9	1,345.65	9	1,703.48	9	2,061.30	9	2,419.12	9	2,776.78	9	3,134.20	9	3,490.92
1/4	285.86	1/4	639.84	1/4	995.49	1/4	1,353.11	1/4	1,710.93	1/4	2,068.75	1/4	2,426.57	1/4	2,784.23	1/4	3,141.64	1/4	3,498.35
1/2	293.31	1/2	647.09	1/2	1,002.93	1/2	1,360.56	1/2	1,718.38	1/2	2,076.21	1/2	2,434.03	1/2	2,791.68	1/2	3,149.09	1/2	3,505.77
3/4	300.77	3/4	654.34	3/4	1,010.37	3/4	1,368.02	3/4	1,725.84	3/4	2,083.66	3/4	2,441.48	3/4	2,799.13	3/4	3,156.53	3/4	3,513.20
10	308.22	10	661.60	10	1,017.81	10	1,375.47	10	1,733.29	10	2,091.11	10	2,448.94	10	2,806.57	10	3,163.98	10	3,520.62
1/4	315.67	1/4	668.85	1/4	1,025.24	1/4	1,382.93	1/4	1,740.75	1/4	2,098.57	1/4	2,456.39	1/4	2,814.02	1/4	3,171.42	1/4	3,528.04
1/2	323.13	1/2	676.10	1/2	1,032.68	1/2	1,390.38	1/2	1,748.20	1/2	2,106.02	1/2	2,463.84	1/2	2,821.47	1/2	3,178.87	1/2	3,535.47
3/4	330.58	3/4	683.35	3/4	1,040.12	3/4	1,397.84	3/4	1,755.66	3/4	2,113.48	3/4	2,471.30	3/4	2,828.92	3/4	3,186.31	3/4	3,542.89
11	338.04	11	690.61	11	1,047.56	11	1,405.29	11	1,763.11	11	2,120.93	11	2,478.75	11	2,836.36	11	3,193.76	11	3,550.32
1/4	345.49	1/4	697.86	1/4	1,055.01	1/4	1,412.75	1/4	1,770.57	1/4	2,128.39	1/4	2,486.21	1/4	2,843.81	1/4	3,201.20	1/4	3,557.75
1/2	352.95	1/2	705.11	1/2	1,062.45	1/2	1,420.20	1/2	1,778.02	1/2	2,135.84	1/2	2,493.66	1/2	2,851.26	1/2	3,208.65	1/2	3,565.18
3/4	360.40	3/4	712.57	3/4	1,069.89	3/4	1,427.66	3/4	1,785.48	3/4	2,143.30	3/4	2,501.12	3/4	2,858.71	3/4	3,216.09	3/4	3,572.61

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 8 INCH HATCH OR TOP LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (8 INCH HATCH OR HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 56'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

Pearland, Texas 77588
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BARGE "PTC 1402"

3 STBD INNAGE TABLE

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	3,578.91	0	3,725.67	0	3,862.07	0	3,997.91	0	4,131.18	0		0		0		0		0	
1/4	3,585.21	1/4	3,728.51	1/4	3,864.91	1/4	4,000.74	1/4	4,133.19	1/4		1/4		1/4		1/4		1/4	
1/2	3,591.50	1/2	3,731.36	1/2	3,867.75	1/2	4,003.57	1/2	4,135.19	1/2		1/2		1/2		1/2		1/2	
3/4	3,597.80	3/4	3,734.20	3/4	3,870.59	3/4	4,006.39	3/4	4,137.20	3/4		3/4		3/4		3/4		3/4	
1	3,600.64	1	3,737.04	1	3,873.44	1	4,009.21	1	4,138.14	1		1		1		1		1	
1/4	3,603.48	1/4	3,739.88	1/4	3,876.28	1/4	4,012.03	1/4	4,139.08	1/4		1/4		1/4		1/4		1/4	
1/2	3,606.33	1/2	3,742.72	1/2	3,879.12	1/2	4,014.85	1/2	4,140.02	1/2		1/2		1/2		1/2		1/2	
3/4	3,609.17	3/4	3,745.56	3/4	3,881.96	3/4	4,017.67	3/4	4,140.95	3/4		3/4		3/4		3/4		3/4	
2	3,612.01	2	3,748.41	2	3,884.80	2	4,020.47	2	4,141.08	2		2		2		2		2	
1/4	3,614.85	1/4	3,751.25	1/4	3,887.63	1/4	4,023.27	1/4	4,141.20	1/4		1/4		1/4		1/4		1/4	
1/2	3,617.69	1/2	3,754.09	1/2	3,890.47	1/2	4,026.07	1/2	4,141.32	1/2		1/2		1/2		1/2		1/2	
3/4	3,620.53	3/4	3,756.93	3/4	3,893.31	3/4	4,028.87	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,623.37	3	3,759.77	3	3,896.14	3	4,031.67	3		3		3		3		3		3	
1/4	3,626.22	1/4	3,762.61	1/4	3,898.96	1/4	4,034.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,629.06	1/2	3,765.45	1/2	3,901.79	1/2	4,037.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,631.90	3/4	3,768.30	3/4	3,904.62	3/4	4,040.07	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,634.74	4	3,771.14	4	3,907.44	4	4,042.87	4		4		4		4		4		4	
1/4	3,637.58	1/4	3,773.98	1/4	3,910.27	1/4	4,045.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,640.42	1/2	3,776.82	1/2	3,913.10	1/2	4,048.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,643.27	3/4	3,779.66	3/4	3,915.93	3/4	4,051.27	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,646.11	5	3,782.50	5	3,918.75	5	4,054.07	5		5		5		5		5		5	
1/4	3,648.95	1/4	3,785.35	1/4	3,921.58	1/4	4,056.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,651.79	1/2	3,788.19	1/2	3,924.41	1/2	4,059.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,654.63	3/4	3,791.03	3/4	3,927.23	3/4	4,062.47	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,657.47	6	3,793.87	6	3,930.06	6	4,065.27	6		6		6		6		6		6	
1/4	3,660.32	1/4	3,796.71	1/4	3,932.89	1/4	4,068.07	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,663.16	1/2	3,799.55	1/2	3,935.72	1/2	4,070.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,666.00	3/4	3,802.40	3/4	3,938.54	3/4	4,073.67	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,668.84	7	3,805.24	7	3,941.37	7	4,076.47	7		7		7		7		7		7	
1/4	3,671.68	1/4	3,808.08	1/4	3,944.20	1/4	4,079.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,674.52	1/2	3,810.92	1/2	3,947.02	1/2	4,082.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,677.37	3/4	3,813.76	3/4	3,949.85	3/4	4,084.87	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,680.21	8	3,816.60	8	3,952.68	8	4,087.67	8		8		8		8		8		8	
1/4	3,683.05	1/4	3,819.45	1/4	3,955.51	1/4	4,090.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,685.89	1/2	3,822.29	1/2	3,958.33	1/2	4,093.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,688.73	3/4	3,825.13	3/4	3,961.16	3/4	4,096.08	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,691.57	9	3,827.97	9	3,963.99	9	4,098.88	9		9		9		9		9		9	
1/4	3,694.41	1/4	3,830.81	1/4	3,966.81	1/4	4,101.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,697.26	1/2	3,833.65	1/2	3,969.64	1/2	4,104.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,700.10	3/4	3,836.49	3/4	3,972.47	3/4	4,107.29	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,702.94	10	3,839.34	10	3,975.30	10	4,110.09	10		10		10		10		10		10	
1/4	3,705.78	1/4	3,842.18	1/4	3,978.12	1/4	4,112.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,708.62	1/2	3,845.02	1/2	3,980.95	1/2	4,115.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,711.46	3/4	3,847.86	3/4	3,983.78	3/4	4,118.50	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,714.31	11	3,850.70	11	3,986.60	11	4,121.17	11		11		11		11		11		11	
1/4	3,717.15	1/4	3,853.54	1/4	3,989.43	1/4	4,123.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,719.99	1/2	3,856.39	1/2	3,992.26	1/2	4,126.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,722.83	3/4	3,859.23	3/4	3,995.09	3/4	4,129.18	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 07/29/2014 SW
CALCULATED: 07/29/2014 CL
PRINTED: 07/30/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

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BARGE "PTC 1402"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-10"

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	2,323	0	4,646	0	6,969	0	9,292	0	11,615	0	13,938	0		0		0	
1/4	48	1/4	2,372	1/4	4,695	1/4	7,018	1/4	9,341	1/4	11,664	1/4	13,987	1/4		1/4		1/4	
1/2	97	1/2	2,420	1/2	4,743	1/2	7,066	1/2	9,389	1/2	11,712	1/2	14,035	1/2		1/2		1/2	
3/4	145	3/4	2,468	3/4	4,791	3/4	7,115	3/4	9,438	3/4	11,761	3/4	14,084	3/4		3/4		3/4	
1	194	1	2,517	1	4,840	1	7,163	1	9,486	1	11,809	1	14,132	1		1		1	
1/4	242	1/4	2,565	1/4	4,888	1/4	7,211	1/4	9,534	1/4	11,857	1/4	14,180	1/4		1/4		1/4	
1/2	290	1/2	2,614	1/2	4,937	1/2	7,260	1/2	9,583	1/2	11,906	1/2	14,229	1/2		1/2		1/2	
3/4	339	3/4	2,662	3/4	4,985	3/4	7,308	3/4	9,631	3/4	11,954	3/4	14,277	3/4		3/4		3/4	
2	387	2	2,710	2	5,033	2	7,356	2	9,680	2	12,003	2	14,326	2		2		2	
1/4	436	1/4	2,759	1/4	5,082	1/4	7,405	1/4	9,728	1/4	12,051	1/4		1/4		1/4		1/4	
1/2	484	1/2	2,807	1/2	5,130	1/2	7,453	1/2	9,776	1/2	12,099	1/2		1/2		1/2		1/2	
3/4	532	3/4	2,856	3/4	5,179	3/4	7,502	3/4	9,825	3/4	12,148	3/4		3/4		3/4		3/4	
3	581	3	2,904	3	5,227	3	7,550	3	9,873	3	12,196	3		3		3		3	
1/4	629	1/4	2,952	1/4	5,275	1/4	7,598	1/4	9,922	1/4	12,245	1/4		1/4		1/4		1/4	
1/2	678	1/2	3,001	1/2	5,324	1/2	7,647	1/2	9,970	1/2	12,293	1/2		1/2		1/2		1/2	
3/4	726	3/4	3,049	3/4	5,372	3/4	7,695	3/4	10,018	3/4	12,341	3/4		3/4		3/4		3/4	
4	775	4	3,098	4	5,421	4	7,744	4	10,067	4	12,390	4		4		4		4	
1/4	823	1/4	3,146	1/4	5,469	1/4	7,792	1/4	10,115	1/4	12,438	1/4		1/4		1/4		1/4	
1/2	871	1/2	3,194	1/2	5,517	1/2	7,840	1/2	10,164	1/2	12,487	1/2		1/2		1/2		1/2	
3/4	920	3/4	3,243	3/4	5,566	3/4	7,889	3/4	10,212	3/4	12,535	3/4		3/4		3/4		3/4	
5	968	5	3,291	5	5,614	5	7,937	5	10,260	5	12,583	5		5		5		5	
1/4	1,016	1/4	3,340	1/4	5,663	1/4	7,986	1/4	10,309	1/4	12,632	1/4		1/4		1/4		1/4	
1/2	1,065	1/2	3,388	1/2	5,711	1/2	8,034	1/2	10,357	1/2	12,680	1/2		1/2		1/2		1/2	
3/4	1,113	3/4	3,436	3/4	5,759	3/4	8,082	3/4	10,405	3/4	12,729	3/4		3/4		3/4		3/4	
6	1,162	6	3,485	6	5,808	6	8,131	6	10,454	6	12,777	6		6		6		6	
1/4	1,210	1/4	3,533	1/4	5,856	1/4	8,179	1/4	10,502	1/4	12,825	1/4		1/4		1/4		1/4	
1/2	1,258	1/2	3,582	1/2	5,905	1/2	8,228	1/2	10,551	1/2	12,874	1/2		1/2		1/2		1/2	
3/4	1,307	3/4	3,630	3/4	5,953	3/4	8,276	3/4	10,599	3/4	12,922	3/4		3/4		3/4		3/4	
7	1,355	7	3,678	7	6,001	7	8,324	7	10,647	7	12,971	7		7		7		7	
1/4	1,404	1/4	3,727	1/4	6,050	1/4	8,373	1/4	10,696	1/4	13,019	1/4		1/4		1/4		1/4	
1/2	1,452	1/2	3,775	1/2	6,098	1/2	8,421	1/2	10,744	1/2	13,067	1/2		1/2		1/2		1/2	
3/4	1,500	3/4	3,824	3/4	6,147	3/4	8,470	3/4	10,793	3/4	13,116	3/4		3/4		3/4		3/4	
8	1,549	8	3,872	8	6,195	8	8,518	8	10,841	8	13,164	8		8		8		8	
1/4	1,597	1/4	3,920	1/4	6,243	1/4	8,566	1/4	10,889	1/4	13,213	1/4		1/4		1/4		1/4	
1/2	1,646	1/2	3,969	1/2	6,292	1/2	8,615	1/2	10,938	1/2	13,261	1/2		1/2		1/2		1/2	
3/4	1,694	3/4	4,017	3/4	6,340	3/4	8,663	3/4	10,986	3/4	13,309	3/4		3/4		3/4		3/4	
9	1,742	9	4,066	9	6,389	9	8,712	9	11,035	9	13,358	9		9		9		9	
1/4	1,791	1/4	4,114	1/4	6,437	1/4	8,760	1/4	11,083	1/4	13,406	1/4		1/4		1/4		1/4	
1/2	1,839	1/2	4,162	1/2	6,485	1/2	8,808	1/2	11,131	1/2	13,455	1/2		1/2		1/2		1/2	
3/4	1,888	3/4	4,211	3/4	6,534	3/4	8,857	3/4	11,180	3/4	13,503	3/4		3/4		3/4		3/4	
10	1,936	10	4,259	10	6,582	10	8,905	10	11,228	10	13,551	10		10		10		10	
1/4	1,984	1/4	4,307	1/4	6,631	1/4	8,954	1/4	11,277	1/4	13,600	1/4		1/4		1/4		1/4	
1/2	2,033	1/2	4,356	1/2	6,679	1/2	9,002	1/2	11,325	1/2	13,648	1/2		1/2		1/2		1/2	
3/4	2,081	3/4	4,404	3/4	6,727	3/4	9,050	3/4	11,373	3/4	13,696	3/4		3/4		3/4		3/4	
11	2,130	11	4,453	11	6,776	11	9,099	11	11,422	11	13,745	11		11		11		11	
1/4	2,178	1/4	4,501	1/4	6,824	1/4	9,147	1/4	11,470	1/4	13,793	1/4		1/4		1/4		1/4	
1/2	2,226	1/2	4,549	1/2	6,873	1/2	9,196	1/2	11,519	1/2	13,842	1/2		1/2		1/2		1/2	
3/4	2,275	3/4	4,598	3/4	6,921	3/4	9,244	3/4	11,567	3/4	13,890	3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE.

STRAPPED: 07/29/2014 SW
CALCULATED: 07/29/2014 CL
PRINTED: 07/29/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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