



# BARGE "CTCo 328"

## INNAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 236'-09"

June 4, 2014

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "CTCo 328"

# 1 PORT INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 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	19.11	0	315.81	0	671.09	0	1,035.86	0	1,401.76	0	1,768.21	0	2,128.43	0	2,494.81	0	2,861.19	0	3,227.43
1/4	22.99	1/4	322.79	1/4	678.72	1/4	1,043.45	1/4	1,409.40	1/4	1,775.84	1/4	2,136.06	1/4	2,502.44	1/4	2,868.82	1/4	3,235.06
1/2	26.87	1/2	329.77	1/2	686.35	1/2	1,051.04	1/2	1,417.03	1/2	1,783.48	1/2	2,143.70	1/2	2,510.08	1/2	2,876.46	1/2	3,242.69
3/4	30.76	3/4	336.76	3/4	693.99	3/4	1,058.63	3/4	1,424.66	3/4	1,791.11	3/4	2,151.33	3/4	2,517.71	3/4	2,884.09	3/4	3,250.32
1	34.64	1	343.74	1	701.62	1	1,066.22	1	1,432.30	1	1,798.74	1	2,158.96	1	2,525.34	1	2,891.72	1	3,257.95
1/4	39.93	1/4	350.81	1/4	709.26	1/4	1,073.81	1/4	1,439.93	1/4	1,806.38	1/4	2,166.60	1/4	2,532.98	1/4	2,899.35	1/4	3,265.57
1/2	45.23	1/2	357.88	1/2	716.89	1/2	1,081.41	1/2	1,447.57	1/2	1,814.01	1/2	2,174.23	1/2	2,540.61	1/2	2,906.99	1/2	3,273.20
3/4	50.52	3/4	364.96	3/4	724.52	3/4	1,089.00	3/4	1,455.20	3/4	1,821.65	3/4	2,181.86	3/4	2,548.24	3/4	2,914.62	3/4	3,280.83
2	55.82	2	372.03	2	732.16	2	1,096.60	2	1,462.84	2	1,829.28	2	2,189.49	2	2,555.87	2	2,922.25	2	3,288.46
1/4	61.89	1/4	379.18	1/4	739.79	1/4	1,104.20	1/4	1,470.47	1/4	1,836.92	1/4	2,197.13	1/4	2,563.51	1/4	2,929.89	1/4	3,296.09
1/2	67.97	1/2	386.34	1/2	747.43	1/2	1,111.81	1/2	1,478.10	1/2	1,844.55	1/2	2,204.76	1/2	2,571.14	1/2	2,937.52	1/2	3,303.72
3/4	74.04	3/4	393.50	3/4	755.06	3/4	1,119.41	3/4	1,485.74	3/4	1,852.18	3/4	2,212.39	3/4	2,578.77	3/4	2,945.15	3/4	3,311.35
3	80.12	3	400.66	3	762.69	3	1,127.01	3	1,493.37	3	1,859.82	3	2,220.03	3	2,586.41	3	2,952.78	3	3,318.98
1/4	86.30	1/4	407.90	1/4	770.32	1/4	1,134.63	1/4	1,501.01	1/4	1,867.44	1/4	2,227.66	1/4	2,594.04	1/4	2,960.42	1/4	3,326.61
1/2	92.49	1/2	415.14	1/2	777.94	1/2	1,142.24	1/2	1,508.64	1/2	1,875.07	1/2	2,235.29	1/2	2,601.67	1/2	2,968.05	1/2	3,334.23
3/4	98.67	3/4	422.39	3/4	785.56	3/4	1,149.85	3/4	1,516.28	3/4	1,882.70	3/4	2,242.93	3/4	2,609.30	3/4	2,975.68	3/4	3,341.86
4	104.86	4	429.63	4	793.18	4	1,157.46	4	1,523.91	4	1,890.32	4	2,250.56	4	2,616.94	4	2,983.31	4	3,349.49
1/4	111.14	1/4	436.96	1/4	800.76	1/4	1,165.10	1/4	1,531.54	1/4	1,897.92	1/4	2,258.19	1/4	2,624.57	1/4	2,990.94	1/4	3,357.12
1/2	117.41	1/2	444.29	1/2	808.35	1/2	1,172.73	1/2	1,539.18	1/2	1,905.52	1/2	2,265.82	1/2	2,632.20	1/2	2,998.57	1/2	3,364.75
3/4	123.69	3/4	451.63	3/4	815.93	3/4	1,180.37	3/4	1,546.81	3/4	1,913.12	3/4	2,273.46	3/4	2,639.84	3/4	3,006.20	3/4	3,372.38
5	129.97	5	458.96	5	823.51	5	1,188.00	5	1,554.45	5	1,920.72	5	2,281.09	5	2,647.47	5	3,013.82	5	3,380.01
1/4	136.35	1/4	466.37	1/4	831.10	1/4	1,195.63	1/4	1,562.08	1/4	1,928.32	1/4	2,288.72	1/4	2,655.10	1/4	3,021.45	1/4	3,387.64
1/2	142.72	1/2	473.79	1/2	838.68	1/2	1,203.27	1/2	1,569.72	1/2	1,935.92	1/2	2,296.36	1/2	2,662.73	1/2	3,029.08	1/2	3,395.26
3/4	149.09	3/4	481.21	3/4	846.26	3/4	1,210.90	3/4	1,577.35	3/4	1,943.51	3/4	2,303.99	3/4	2,670.37	3/4	3,036.71	3/4	3,402.89
6	155.47	6	488.63	6	853.85	6	1,218.54	6	1,584.98	6	1,951.11	6	2,311.62	6	2,678.00	6	3,044.34	6	3,410.52
1/4	161.93	1/4	496.13	1/4	861.43	1/4	1,226.17	1/4	1,592.62	1/4	1,958.54	1/4	2,319.25	1/4	2,685.63	1/4	3,051.97	1/4	3,418.15
1/2	168.39	1/2	503.63	1/2	869.01	1/2	1,233.81	1/2	1,600.25	1/2	1,965.97	1/2	2,326.89	1/2	2,693.27	1/2	3,059.60	1/2	3,425.78
3/4	174.86	3/4	511.14	3/4	876.60	3/4	1,241.44	3/4	1,607.89	3/4	1,973.39	3/4	2,334.52	3/4	2,700.90	3/4	3,067.23	3/4	3,433.41
7	181.32	7	518.64	7	884.18	7	1,249.07	7	1,615.52	7	1,980.82	7	2,342.15	7	2,708.53	7	3,074.85	7	3,441.04
1/4	187.87	1/4	526.22	1/4	891.76	1/4	1,256.71	1/4	1,623.16	1/4	1,987.73	1/4	2,349.79	1/4	2,716.17	1/4	3,082.48	1/4	3,448.67
1/2	194.42	1/2	533.81	1/2	899.35	1/2	1,264.34	1/2	1,630.79	1/2	1,994.64	1/2	2,357.42	1/2	2,723.80	1/2	3,090.11	1/2	3,456.29
3/4	200.98	3/4	541.39	3/4	906.93	3/4	1,271.98	3/4	1,638.42	3/4	2,001.56	3/4	2,365.05	3/4	2,731.43	3/4	3,097.74	3/4	3,463.92
8	207.53	8	548.97	8	914.51	8	1,279.61	8	1,646.06	8	2,008.47	8	2,372.68	8	2,739.06	8	3,105.37	8	3,471.55
1/4	214.16	1/4	556.60	1/4	922.10	1/4	1,287.25	1/4	1,653.69	1/4	2,015.56	1/4	2,380.32	1/4	2,746.70	1/4	3,113.00	1/4	3,479.18
1/2	220.80	1/2	564.22	1/2	929.68	1/2	1,294.88	1/2	1,661.33	1/2	2,022.65	1/2	2,387.95	1/2	2,754.33	1/2	3,120.63	1/2	3,486.81
3/4	227.44	3/4	571.85	3/4	937.27	3/4	1,302.52	3/4	1,668.96	3/4	2,029.74	3/4	2,395.58	3/4	2,761.96	3/4	3,128.26	3/4	3,494.44
9	234.08	9	579.48	9	944.85	9	1,310.15	9	1,676.60	9	2,036.84	9	2,403.22	9	2,769.60	9	3,135.89	9	3,502.07
1/4	240.80	1/4	587.11	1/4	952.43	1/4	1,317.78	1/4	1,684.23	1/4	2,044.47	1/4	2,410.85	1/4	2,777.23	1/4	3,143.51	1/4	3,509.69
1/2	247.52	1/2	594.74	1/2	960.02	1/2	1,325.42	1/2	1,691.86	1/2	2,052.10	1/2	2,418.48	1/2	2,784.86	1/2	3,151.14	1/2	3,517.32
3/4	254.25	3/4	602.38	3/4	967.60	3/4	1,333.05	3/4	1,699.50	3/4	2,059.74	3/4	2,426.11	3/4	2,792.49	3/4	3,158.77	3/4	3,524.95
10	260.97	10	610.01	10	975.18	10	1,340.69	10	1,707.13	10	2,067.37	10	2,433.75	10	2,800.13	10	3,166.40	10	3,532.57
1/4	267.78	1/4	617.65	1/4	982.77	1/4	1,348.32	1/4	1,714.77	1/4	2,075.00	1/4	2,441.38	1/4	2,807.76	1/4	3,174.03	1/4	3,540.19
1/2	274.59	1/2	625.28	1/2	990.35	1/2	1,355.96	1/2	1,722.40	1/2	2,082.63	1/2	2,449.01	1/2	2,815.39	1/2	3,181.66	1/2	3,547.81
3/4	281.41	3/4	632.91	3/4	997.93	3/4	1,363.59	3/4	1,730.04	3/4	2,090.27	3/4	2,456.65	3/4	2,823.03	3/4	3,189.29	3/4	3,555.43
11	288.22	11	640.55	11	1,005.52	11	1,371.22	11	1,737.67	11	2,097.90	11	2,464.28	11	2,830.66	11	3,196.92	11	3,563.04
1/4	295.11	1/4	648.18	1/4	1,013.10	1/4	1,378.86	1/4	1,745.30	1/4	2,105.53	1/4	2,471.91	1/4	2,838.29	1/4	3,204.54	1/4	3,570.66
1/2	302.01	1/2	655.82	1/2	1,020.69	1/2	1,386.49	1/2	1,752.94	1/2	2,113.17	1/2	2,479.55	1/2	2,845.92	1/2	3,212.17	1/2	3,578.28
3/4	308.91	3/4	663.45	3/4	1,028.27	3/4	1,394.13	3/4	1,760.57	3/4	2,120.80	3/4	2,487.18	3/4	2,853.56	3/4	3,219.80	3/4	3,585.89

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

Pearland, Texas 77588  
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# BARGE "CTCo 328"

## 1 PORT INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 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	3,593.51	0	3,959.14	0	4,322.15	0	4,666.69	0	4,998.44	0		0		0		0		0	
1/4	3,601.13	1/4	3,966.75	1/4	4,329.54	1/4	4,673.64	1/4	5,006.00	1/4		1/4		1/4		1/4		1/4	
1/2	3,608.75	1/2	3,974.37	1/2	4,336.92	1/2	4,680.58	1/2	5,013.56	1/2		1/2		1/2		1/2		1/2	
3/4	3,616.36	3/4	3,981.99	3/4	4,344.31	3/4	4,687.52	3/4	5,021.12	3/4		3/4		3/4		3/4		3/4	
1	3,623.98	1	3,989.61	1	4,351.70	1	4,694.47	1	5,028.68	1		1		1		1		1	
1/4	3,631.60	1/4	3,997.22	1/4	4,359.05	1/4	4,701.37	1/4	5,036.05	1/4		1/4		1/4		1/4		1/4	
1/2	3,639.21	1/2	4,004.84	1/2	4,366.40	1/2	4,708.27	1/2	5,043.42	1/2		1/2		1/2		1/2		1/2	
3/4	3,646.83	3/4	4,012.46	3/4	4,373.75	3/4	4,715.17	3/4	5,050.80	3/4		3/4		3/4		3/4		3/4	
2	3,654.45	2	4,020.07	2	4,381.10	2	4,722.07	2	5,058.17	2		2		2		2		2	
1/4	3,662.07	1/4	4,027.69	1/4	4,388.42	1/4	4,728.90	1/4	5,064.59	1/4		1/4		1/4		1/4		1/4	
1/2	3,669.68	1/2	4,035.31	1/2	4,395.73	1/2	4,735.74	1/2	5,071.01	1/2		1/2		1/2		1/2		1/2	
3/4	3,677.30	3/4	4,042.93	3/4	4,403.04	3/4	4,742.57	3/4	5,077.42	3/4		3/4		3/4		3/4		3/4	
3	3,684.92	3	4,050.54	3	4,410.36	3	4,749.41	3	5,083.84	3		3		3		3		3	
1/4	3,692.54	1/4	4,058.16	1/4	4,417.62	1/4	4,756.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,700.15	1/2	4,065.78	1/2	4,424.88	1/2	4,763.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,707.77	3/4	4,073.40	3/4	4,432.14	3/4	4,769.82	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,715.39	4	4,081.01	4	4,439.40	4	4,776.62	4		4		4		4		4		4	
1/4	3,723.00	1/4	4,088.63	1/4	4,446.62	1/4	4,783.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,730.62	1/2	4,096.25	1/2	4,453.84	1/2	4,790.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,738.24	3/4	4,103.86	3/4	4,461.07	3/4	4,796.93	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,745.86	5	4,111.48	5	4,468.29	5	4,803.69	5		5		5		5		5		5	
1/4	3,753.47	1/4	4,119.10	1/4	4,475.47	1/4	4,810.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,761.09	1/2	4,126.71	1/2	4,482.66	1/2	4,817.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,768.71	3/4	4,134.32	3/4	4,489.85	3/4	4,823.90	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,776.32	6	4,141.94	6	4,497.04	6	4,830.63	6		6		6		6		6		6	
1/4	3,783.94	1/4	4,149.53	1/4	4,504.19	1/4	4,837.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,791.56	1/2	4,157.13	1/2	4,511.34	1/2	4,844.03	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,799.18	3/4	4,164.73	3/4	4,518.50	3/4	4,850.73	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,806.79	7	4,172.32	7	4,525.65	7	4,857.43	7		7		7		7		7		7	
1/4	3,814.41	1/4	4,179.89	1/4	4,532.77	1/4	4,864.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,822.03	1/2	4,187.45	1/2	4,539.89	1/2	4,870.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,829.64	3/4	4,195.01	3/4	4,547.01	3/4	4,877.41	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,837.26	8	4,202.57	8	4,554.13	8	4,884.07	8		8		8		8		8		8	
1/4	3,844.88	1/4	4,210.10	1/4	4,561.22	1/4	4,890.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,852.50	1/2	4,217.63	1/2	4,568.30	1/2	4,897.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,860.11	3/4	4,225.16	3/4	4,575.39	3/4	4,903.96	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,867.73	9	4,232.69	9	4,582.47	9	4,910.59	9		9		9		9		9		9	
1/4	3,875.35	1/4	4,240.18	1/4	4,589.53	1/4	4,917.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,882.97	1/2	4,247.68	1/2	4,596.58	1/2	4,924.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,890.58	3/4	4,255.17	3/4	4,603.63	3/4	4,931.12	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,898.20	10	4,262.66	10	4,610.69	10	4,937.96	10		10		10		10		10		10	
1/4	3,905.82	1/4	4,270.12	1/4	4,617.71	1/4	4,945.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,913.43	1/2	4,277.57	1/2	4,624.72	1/2	4,953.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,921.05	3/4	4,285.02	3/4	4,631.74	3/4	4,960.64	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,928.67	11	4,292.48	11	4,638.76	11	4,968.20	11		11		11		11		11		11	
1/4	3,936.29	1/4	4,299.89	1/4	4,645.75	1/4	4,975.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,943.90	1/2	4,307.31	1/2	4,652.73	1/2	4,983.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,951.52	3/4	4,314.73	3/4	4,659.71	3/4	4,990.88	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/04/2014 SW  
CALCULATED: 06/04/2014 CL  
PRINTED: 06/06/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2014

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "CTCo 328"

## 1 STBD

### INNAGE TABLE

### HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 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	19.10	0	315.42	0	670.00	0	1,035.34	0	1,401.09	0	1,766.89	0	2,126.46	0	2,492.19	0	2,857.91	0	3,223.51
1/4	22.99	1/4	322.40	1/4	677.62	1/4	1,042.96	1/4	1,408.71	1/4	1,774.51	1/4	2,134.08	1/4	2,499.81	1/4	2,865.53	1/4	3,231.12
1/2	26.87	1/2	329.37	1/2	685.24	1/2	1,050.57	1/2	1,416.33	1/2	1,782.13	1/2	2,141.70	1/2	2,507.43	1/2	2,873.15	1/2	3,238.74
3/4	30.75	3/4	336.34	3/4	692.86	3/4	1,058.18	3/4	1,423.96	3/4	1,789.75	3/4	2,149.32	3/4	2,515.04	3/4	2,880.77	3/4	3,246.35
1	34.63	1	343.31	1	700.48	1	1,065.80	1	1,431.58	1	1,797.37	1	2,156.94	1	2,522.66	1	2,888.39	1	3,253.97
1/4	39.93	1/4	350.37	1/4	708.10	1/4	1,073.41	1/4	1,439.20	1/4	1,805.00	1/4	2,164.56	1/4	2,530.28	1/4	2,896.01	1/4	3,261.58
1/2	45.22	1/2	357.42	1/2	715.72	1/2	1,081.03	1/2	1,446.82	1/2	1,812.62	1/2	2,172.18	1/2	2,537.90	1/2	2,903.63	1/2	3,269.20
3/4	50.51	3/4	364.48	3/4	723.34	3/4	1,088.65	3/4	1,454.44	3/4	1,820.24	3/4	2,179.80	3/4	2,545.52	3/4	2,911.25	3/4	3,276.82
2	55.81	2	371.54	2	730.96	2	1,096.26	2	1,462.06	2	1,827.86	2	2,187.41	2	2,553.14	2	2,918.87	2	3,284.43
1/4	61.88	1/4	378.68	1/4	738.58	1/4	1,103.88	1/4	1,469.68	1/4	1,835.48	1/4	2,195.03	1/4	2,560.76	1/4	2,926.49	1/4	3,292.05
1/2	67.95	1/2	385.83	1/2	746.20	1/2	1,111.50	1/2	1,477.30	1/2	1,843.10	1/2	2,202.65	1/2	2,568.38	1/2	2,934.11	1/2	3,299.66
3/4	74.03	3/4	392.97	3/4	753.82	3/4	1,119.12	3/4	1,484.92	3/4	1,850.72	3/4	2,210.27	3/4	2,576.00	3/4	2,941.73	3/4	3,307.28
3	80.10	3	400.11	3	761.44	3	1,126.74	3	1,492.54	3	1,858.34	3	2,217.89	3	2,583.62	3	2,949.34	3	3,314.89
1/4	86.28	1/4	407.35	1/4	769.06	1/4	1,134.37	1/4	1,500.16	1/4	1,865.95	1/4	2,225.51	1/4	2,591.24	1/4	2,956.96	1/4	3,322.51
1/2	92.47	1/2	414.58	1/2	776.68	1/2	1,141.99	1/2	1,507.78	1/2	1,873.56	1/2	2,233.13	1/2	2,598.86	1/2	2,964.58	1/2	3,330.12
3/4	98.65	3/4	421.81	3/4	784.30	3/4	1,149.61	3/4	1,515.41	3/4	1,881.17	3/4	2,240.75	3/4	2,606.48	3/4	2,972.20	3/4	3,337.74
4	104.83	4	429.04	4	791.91	4	1,157.23	4	1,523.03	4	1,888.78	4	2,248.37	4	2,614.10	4	2,979.82	4	3,345.35
1/4	111.11	1/4	436.36	1/4	799.52	1/4	1,164.85	1/4	1,530.65	1/4	1,896.37	1/4	2,255.99	1/4	2,621.71	1/4	2,987.43	1/4	3,352.97
1/2	117.39	1/2	443.67	1/2	807.13	1/2	1,172.47	1/2	1,538.27	1/2	1,903.95	1/2	2,263.61	1/2	2,629.33	1/2	2,995.05	1/2	3,360.58
3/4	123.66	3/4	450.99	3/4	814.73	3/4	1,180.09	3/4	1,545.89	3/4	1,911.54	3/4	2,271.23	3/4	2,636.95	3/4	3,002.66	3/4	3,368.20
5	129.94	5	458.31	5	822.34	5	1,187.71	5	1,553.51	5	1,919.12	5	2,278.85	5	2,644.57	5	3,010.28	5	3,375.81
1/4	136.31	1/4	465.71	1/4	829.95	1/4	1,195.33	1/4	1,561.13	1/4	1,926.71	1/4	2,286.47	1/4	2,652.19	1/4	3,017.89	1/4	3,383.43
1/2	142.67	1/2	473.12	1/2	837.56	1/2	1,202.95	1/2	1,568.75	1/2	1,934.30	1/2	2,294.09	1/2	2,659.81	1/2	3,025.51	1/2	3,391.04
3/4	149.03	3/4	480.52	3/4	845.16	3/4	1,210.57	3/4	1,576.37	3/4	1,941.88	3/4	2,301.70	3/4	2,667.43	3/4	3,033.13	3/4	3,398.66
6	155.40	6	487.92	6	852.77	6	1,218.19	6	1,583.99	6	1,949.47	6	2,309.32	6	2,675.05	6	3,040.74	6	3,406.28
1/4	161.85	1/4	495.41	1/4	860.38	1/4	1,225.81	1/4	1,591.61	1/4	1,956.88	1/4	2,316.94	1/4	2,682.67	1/4	3,048.36	1/4	3,413.89
1/2	168.30	1/2	502.90	1/2	867.98	1/2	1,233.44	1/2	1,599.23	1/2	1,964.29	1/2	2,324.56	1/2	2,690.29	1/2	3,055.97	1/2	3,421.51
3/4	174.75	3/4	510.39	3/4	875.59	3/4	1,241.06	3/4	1,606.85	3/4	1,971.71	3/4	2,332.18	3/4	2,697.91	3/4	3,063.59	3/4	3,429.12
7	181.20	7	517.88	7	883.20	7	1,248.68	7	1,614.48	7	1,979.12	7	2,339.80	7	2,705.53	7	3,071.20	7	3,436.74
1/4	187.74	1/4	525.44	1/4	890.80	1/4	1,256.30	1/4	1,622.10	1/4	1,986.02	1/4	2,347.42	1/4	2,713.15	1/4	3,078.82	1/4	3,444.35
1/2	194.28	1/2	533.00	1/2	898.41	1/2	1,263.92	1/2	1,629.72	1/2	1,992.92	1/2	2,355.04	1/2	2,720.77	1/2	3,086.43	1/2	3,451.97
3/4	200.82	3/4	540.56	3/4	906.02	3/4	1,271.54	3/4	1,637.34	3/4	1,999.82	3/4	2,362.66	3/4	2,728.39	3/4	3,094.05	3/4	3,459.58
8	207.35	8	548.13	8	913.62	8	1,279.16	8	1,644.96	8	2,006.71	8	2,370.28	8	2,736.00	8	3,101.66	8	3,467.20
1/4	213.98	1/4	555.73	1/4	921.23	1/4	1,286.78	1/4	1,652.58	1/4	2,013.79	1/4	2,377.90	1/4	2,743.62	1/4	3,109.28	1/4	3,474.81
1/2	220.60	1/2	563.34	1/2	928.84	1/2	1,294.40	1/2	1,660.20	1/2	2,020.87	1/2	2,385.52	1/2	2,751.24	1/2	3,116.89	1/2	3,482.43
3/4	227.23	3/4	570.95	3/4	936.44	3/4	1,302.02	3/4	1,667.82	3/4	2,027.95	3/4	2,393.14	3/4	2,758.86	3/4	3,124.51	3/4	3,490.04
9	233.85	9	578.55	9	944.05	9	1,309.64	9	1,675.44	9	2,035.03	9	2,400.76	9	2,766.48	9	3,132.12	9	3,497.66
1/4	240.56	1/4	586.17	1/4	951.66	1/4	1,317.26	1/4	1,683.06	1/4	2,042.65	1/4	2,408.37	1/4	2,774.10	1/4	3,139.74	1/4	3,505.27
1/2	247.27	1/2	593.79	1/2	959.27	1/2	1,324.89	1/2	1,690.68	1/2	2,050.27	1/2	2,415.99	1/2	2,781.72	1/2	3,147.36	1/2	3,512.89
3/4	253.99	3/4	601.41	3/4	966.87	3/4	1,332.51	3/4	1,698.30	3/4	2,057.89	3/4	2,423.61	3/4	2,789.34	3/4	3,154.97	3/4	3,520.50
10	260.70	10	609.03	10	974.48	10	1,340.13	10	1,705.93	10	2,065.51	10	2,431.23	10	2,796.96	10	3,162.59	10	3,528.12
1/4	267.49	1/4	616.66	1/4	982.09	1/4	1,347.75	1/4	1,713.55	1/4	2,073.13	1/4	2,438.85	1/4	2,804.58	1/4	3,170.20	1/4	3,535.74
1/2	274.29	1/2	624.28	1/2	989.69	1/2	1,355.37	1/2	1,721.17	1/2	2,080.74	1/2	2,446.47	1/2	2,812.20	1/2	3,177.82	1/2	3,543.35
3/4	281.09	3/4	631.90	3/4	997.30	3/4	1,362.99	3/4	1,728.79	3/4	2,088.36	3/4	2,454.09	3/4	2,819.82	3/4	3,185.43	3/4	3,550.97
11	287.89	11	639.52	11	1,004.91	11	1,370.61	11	1,736.41	11	2,095.98	11	2,461.71	11	2,827.44	11	3,193.05	11	3,558.58
1/4	294.77	1/4	647.14	1/4	1,012.52	1/4	1,378.23	1/4	1,744.03	1/4	2,103.60	1/4	2,469.33	1/4	2,835.06	1/4	3,200.66	1/4	3,566.20
1/2	301.66	1/2	654.76	1/2	1,020.12	1/2	1,385.85	1/2	1,751.65	1/2	2,111.22	1/2	2,476.95	1/2	2,842.67	1/2	3,208.28	1/2	3,573.81
3/4	308.54	3/4	662.38	3/4	1,027.73	3/4	1,393.47	3/4	1,759.27	3/4	2,118.84	3/4	2,484.57	3/4	2,850.29	3/4	3,215.89	3/4	3,581.43

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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



# BARGE "CTCo 328"

## 1 STBD INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 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	3,589.04	0	3,954.58	0	4,317.50	0	4,661.96	0	4,993.62	0		0		0		0		0	
1/4	3,596.66	1/4	3,962.19	1/4	4,324.88	1/4	4,668.90	1/4	5,001.18	1/4		1/4		1/4		1/4		1/4	
1/2	3,604.27	1/2	3,969.81	1/2	4,332.27	1/2	4,675.84	1/2	5,008.74	1/2		1/2		1/2		1/2		1/2	
3/4	3,611.89	3/4	3,977.42	3/4	4,339.65	3/4	4,682.78	3/4	5,016.30	3/4		3/4		3/4		3/4		3/4	
1	3,619.50	1	3,985.04	1	4,347.03	1	4,689.72	1	5,023.85	1		1		1		1		1	
1/4	3,627.12	1/4	3,992.65	1/4	4,354.38	1/4	4,696.62	1/4	5,031.22	1/4		1/4		1/4		1/4		1/4	
1/2	3,634.73	1/2	4,000.27	1/2	4,361.73	1/2	4,703.52	1/2	5,038.59	1/2		1/2		1/2		1/2		1/2	
3/4	3,642.35	3/4	4,007.88	3/4	4,369.08	3/4	4,710.41	3/4	5,045.96	3/4		3/4		3/4		3/4		3/4	
2	3,649.96	2	4,015.50	2	4,376.44	2	4,717.31	2	5,053.33	2		2		2		2		2	
1/4	3,657.58	1/4	4,023.11	1/4	4,383.75	1/4	4,724.15	1/4	5,059.74	1/4		1/4		1/4		1/4		1/4	
1/2	3,665.20	1/2	4,030.73	1/2	4,391.06	1/2	4,730.98	1/2	5,066.16	1/2		1/2		1/2		1/2		1/2	
3/4	3,672.81	3/4	4,038.35	3/4	4,398.37	3/4	4,737.82	3/4	5,072.57	3/4		3/4		3/4		3/4		3/4	
3	3,680.43	3	4,045.96	3	4,405.68	3	4,744.65	3	5,078.99	3		3		3		3		3	
1/4	3,688.04	1/4	4,053.58	1/4	4,412.94	1/4	4,751.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,695.66	1/2	4,061.19	1/2	4,420.20	1/2	4,758.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,703.27	3/4	4,068.81	3/4	4,427.46	3/4	4,765.05	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,710.89	4	4,076.42	4	4,434.72	4	4,771.85	4		4		4		4		4		4	
1/4	3,718.50	1/4	4,084.04	1/4	4,441.94	1/4	4,778.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,726.12	1/2	4,091.65	1/2	4,449.16	1/2	4,785.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,733.73	3/4	4,099.27	3/4	4,456.38	3/4	4,792.15	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,741.35	5	4,106.88	5	4,463.60	5	4,798.92	5		5		5		5		5		5	
1/4	3,748.96	1/4	4,114.49	1/4	4,470.78	1/4	4,805.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,756.58	1/2	4,122.11	1/2	4,477.97	1/2	4,812.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,764.19	3/4	4,129.72	3/4	4,485.15	3/4	4,819.12	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,771.81	6	4,137.33	6	4,492.34	6	4,825.86	6		6		6		6		6		6	
1/4	3,779.42	1/4	4,144.92	1/4	4,499.49	1/4	4,832.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,787.04	1/2	4,152.52	1/2	4,506.64	1/2	4,839.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,794.66	3/4	4,160.11	3/4	4,513.79	3/4	4,845.95	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,802.27	7	4,167.71	7	4,520.94	7	4,852.65	7		7		7		7		7		7	
1/4	3,809.89	1/4	4,175.27	1/4	4,528.06	1/4	4,859.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,817.50	1/2	4,182.83	1/2	4,535.18	1/2	4,865.96	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,825.12	3/4	4,190.39	3/4	4,542.30	3/4	4,872.62	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,832.73	8	4,197.95	8	4,549.42	8	4,879.28	8		8		8		8		8		8	
1/4	3,840.35	1/4	4,205.48	1/4	4,556.50	1/4	4,885.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,847.96	1/2	4,213.00	1/2	4,563.59	1/2	4,892.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,855.58	3/4	4,220.53	3/4	4,570.67	3/4	4,899.16	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,863.19	9	4,228.06	9	4,577.76	9	4,905.79	9		9		9		9		9		9	
1/4	3,870.81	1/4	4,235.55	1/4	4,584.81	1/4	4,912.63	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,878.42	1/2	4,243.04	1/2	4,591.86	1/2	4,919.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,886.04	3/4	4,250.53	3/4	4,598.91	3/4	4,926.32	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,893.65	10	4,258.02	10	4,605.96	10	4,933.16	10		10		10		10		10		10	
1/4	3,901.27	1/4	4,265.47	1/4	4,612.98	1/4	4,940.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,908.89	1/2	4,272.93	1/2	4,619.99	1/2	4,948.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,916.50	3/4	4,280.38	3/4	4,627.01	3/4	4,955.83	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,924.12	11	4,287.83	11	4,634.03	11	4,963.39	11		11		11		11		11		11	
1/4	3,931.73	1/4	4,295.25	1/4	4,641.01	1/4	4,970.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,939.35	1/2	4,302.66	1/2	4,647.99	1/2	4,978.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,946.96	3/4	4,310.08	3/4	4,654.97	3/4	4,986.06	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/04/2014 SW  
CALCULATED: 06/04/2014 CL  
PRINTED: 06/06/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2014

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



# BARGE "CTCo 328"

## 2 PORT INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 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	19.19	0	351.50	0	695.66	0	1,029.78	0	1,369.60	0	1,713.76	0	2,052.05	0	2,396.14	0	2,740.24	0	3,084.20
1/4	24.12	1/4	358.67	1/4	702.83	1/4	1,036.65	1/4	1,376.77	1/4	1,720.93	1/4	2,059.21	1/4	2,403.31	1/4	2,747.41	1/4	3,091.36
1/2	29.04	1/2	365.84	1/2	710.00	1/2	1,043.52	1/2	1,383.94	1/2	1,728.10	1/2	2,066.38	1/2	2,410.48	1/2	2,754.58	1/2	3,098.53
3/4	33.97	3/4	373.01	3/4	717.17	3/4	1,050.40	3/4	1,391.11	3/4	1,735.27	3/4	2,073.55	3/4	2,417.65	3/4	2,761.75	3/4	3,105.69
1	38.90	1	380.18	1	724.33	1	1,057.27	1	1,398.28	1	1,742.44	1	2,080.72	1	2,424.82	1	2,768.92	1	3,112.86
1/4	45.39	1/4	387.35	1/4	731.50	1/4	1,064.15	1/4	1,405.45	1/4	1,749.61	1/4	2,087.89	1/4	2,431.99	1/4	2,776.08	1/4	3,120.02
1/2	51.88	1/2	394.52	1/2	738.67	1/2	1,071.02	1/2	1,412.62	1/2	1,756.78	1/2	2,095.06	1/2	2,439.16	1/2	2,783.25	1/2	3,127.19
3/4	58.37	3/4	401.69	3/4	745.84	3/4	1,077.90	3/4	1,419.79	3/4	1,763.95	3/4	2,102.23	3/4	2,446.32	3/4	2,790.42	3/4	3,134.35
2	64.85	2	408.86	2	753.01	2	1,084.77	2	1,426.96	2	1,771.12	2	2,109.40	2	2,453.49	2	2,797.59	2	3,141.52
1/4	72.00	1/4	416.03	1/4	760.18	1/4	1,091.66	1/4	1,434.13	1/4	1,778.29	1/4	2,116.56	1/4	2,460.66	1/4	2,804.76	1/4	3,148.68
1/2	79.14	1/2	423.20	1/2	767.35	1/2	1,098.55	1/2	1,441.30	1/2	1,785.46	1/2	2,123.73	1/2	2,467.83	1/2	2,811.93	1/2	3,155.85
3/4	86.28	3/4	430.37	3/4	774.52	3/4	1,105.44	3/4	1,448.47	3/4	1,792.63	3/4	2,130.90	3/4	2,475.00	3/4	2,819.10	3/4	3,163.01
3	93.42	3	437.54	3	781.69	3	1,112.32	3	1,455.64	3	1,799.80	3	2,138.07	3	2,482.17	3	2,826.27	3	3,170.18
1/4	100.58	1/4	444.71	1/4	788.79	1/4	1,119.28	1/4	1,462.81	1/4	1,806.97	1/4	2,145.24	1/4	2,489.34	1/4	2,833.43	1/4	3,177.34
1/2	107.74	1/2	451.88	1/2	795.88	1/2	1,126.24	1/2	1,469.98	1/2	1,814.13	1/2	2,152.41	1/2	2,496.50	1/2	2,840.60	1/2	3,184.50
3/4	114.91	3/4	459.05	3/4	802.98	3/4	1,133.20	3/4	1,477.15	3/4	1,821.29	3/4	2,159.58	3/4	2,503.67	3/4	2,847.77	3/4	3,191.67
4	122.07	4	466.22	4	810.07	4	1,140.15	4	1,484.32	4	1,828.45	4	2,166.74	4	2,510.84	4	2,854.93	4	3,198.83
1/4	129.24	1/4	473.39	1/4	816.93	1/4	1,147.32	1/4	1,491.49	1/4	1,835.59	1/4	2,173.91	1/4	2,518.01	1/4	2,862.10	1/4	3,206.00
1/2	136.41	1/2	480.56	1/2	823.80	1/2	1,154.49	1/2	1,498.66	1/2	1,842.72	1/2	2,181.08	1/2	2,525.18	1/2	2,869.26	1/2	3,213.16
3/4	143.57	3/4	487.73	3/4	830.67	3/4	1,161.66	3/4	1,505.83	3/4	1,849.85	3/4	2,188.25	3/4	2,532.35	3/4	2,876.43	3/4	3,220.33
5	150.74	5	494.90	5	837.53	5	1,168.83	5	1,513.00	5	1,856.99	5	2,195.42	5	2,539.52	5	2,883.59	5	3,227.49
1/4	157.91	1/4	502.07	1/4	844.40	1/4	1,176.00	1/4	1,520.17	1/4	1,864.12	1/4	2,202.59	1/4	2,546.69	1/4	2,890.76	1/4	3,234.66
1/2	165.08	1/2	509.24	1/2	851.26	1/2	1,183.17	1/2	1,527.34	1/2	1,871.26	1/2	2,209.76	1/2	2,553.85	1/2	2,897.92	1/2	3,241.82
3/4	172.25	3/4	516.41	3/4	858.13	3/4	1,190.34	3/4	1,534.51	3/4	1,878.39	3/4	2,216.93	3/4	2,561.02	3/4	2,905.08	3/4	3,248.99
6	179.42	6	523.58	6	864.99	6	1,197.52	6	1,541.68	6	1,885.53	6	2,224.09	6	2,568.19	6	2,912.25	6	3,256.15
1/4	186.59	1/4	530.75	1/4	871.86	1/4	1,204.69	1/4	1,548.85	1/4	1,892.50	1/4	2,231.26	1/4	2,575.36	1/4	2,919.41	1/4	3,263.31
1/2	193.76	1/2	537.92	1/2	878.73	1/2	1,211.86	1/2	1,556.02	1/2	1,899.47	1/2	2,238.43	1/2	2,582.53	1/2	2,926.58	1/2	3,270.48
3/4	200.93	3/4	545.09	3/4	885.59	3/4	1,219.03	3/4	1,563.19	3/4	1,906.45	3/4	2,245.60	3/4	2,589.70	3/4	2,933.74	3/4	3,277.64
7	208.10	7	552.26	7	892.46	7	1,226.20	7	1,570.36	7	1,913.42	7	2,252.77	7	2,596.87	7	2,940.91	7	3,284.81
1/4	215.27	1/4	559.43	1/4	899.32	1/4	1,233.37	1/4	1,577.53	1/4	1,919.91	1/4	2,259.94	1/4	2,604.04	1/4	2,948.07	1/4	3,291.97
1/2	222.44	1/2	566.60	1/2	906.19	1/2	1,240.54	1/2	1,584.70	1/2	1,926.40	1/2	2,267.11	1/2	2,611.20	1/2	2,955.24	1/2	3,299.14
3/4	229.61	3/4	573.77	3/4	913.05	3/4	1,247.71	3/4	1,591.87	3/4	1,932.89	3/4	2,274.28	3/4	2,618.37	3/4	2,962.40	3/4	3,306.30
8	236.78	8	580.94	8	919.92	8	1,254.88	8	1,599.04	8	1,939.38	8	2,281.44	8	2,625.54	8	2,969.57	8	3,313.47
1/4	243.95	1/4	588.11	1/4	926.78	1/4	1,262.05	1/4	1,606.21	1/4	1,946.04	1/4	2,288.61	1/4	2,632.71	1/4	2,976.73	1/4	3,320.63
1/2	251.12	1/2	595.28	1/2	933.65	1/2	1,269.22	1/2	1,613.38	1/2	1,952.70	1/2	2,295.78	1/2	2,639.88	1/2	2,983.90	1/2	3,327.80
3/4	258.29	3/4	602.45	3/4	940.52	3/4	1,276.39	3/4	1,620.55	3/4	1,959.36	3/4	2,302.95	3/4	2,647.05	3/4	2,991.06	3/4	3,334.96
9	265.46	9	609.62	9	947.38	9	1,283.56	9	1,627.72	9	1,966.02	9	2,310.12	9	2,654.22	9	2,998.22	9	3,342.13
1/4	272.63	1/4	616.79	1/4	954.25	1/4	1,290.73	1/4	1,634.89	1/4	1,973.19	1/4	2,317.29	1/4	2,661.38	1/4	3,005.39	1/4	3,349.29
1/2	279.80	1/2	623.96	1/2	961.11	1/2	1,297.90	1/2	1,642.06	1/2	1,980.36	1/2	2,324.46	1/2	2,668.55	1/2	3,012.55	1/2	3,356.45
3/4	286.97	3/4	631.13	3/4	967.98	3/4	1,305.07	3/4	1,649.23	3/4	1,987.53	3/4	2,331.62	3/4	2,675.72	3/4	3,019.72	3/4	3,363.62
10	294.14	10	638.30	10	974.84	10	1,312.24	10	1,656.40	10	1,994.70	10	2,338.79	10	2,682.89	10	3,026.88	10	3,370.78
1/4	301.31	1/4	645.47	1/4	981.71	1/4	1,319.41	1/4	1,663.57	1/4	2,001.86	1/4	2,345.96	1/4	2,690.06	1/4	3,034.05	1/4	3,377.95
1/2	308.48	1/2	652.64	1/2	988.57	1/2	1,326.58	1/2	1,670.74	1/2	2,009.03	1/2	2,353.13	1/2	2,697.23	1/2	3,041.21	1/2	3,385.11
3/4	315.65	3/4	659.81	3/4	995.44	3/4	1,333.75	3/4	1,677.91	3/4	2,016.20	3/4	2,360.30	3/4	2,704.40	3/4	3,048.38	3/4	3,392.28
11	322.82	11	666.98	11	1,002.31	11	1,340.92	11	1,685.08	11	2,023.37	11	2,367.47	11	2,711.57	11	3,055.54	11	3,399.44
1/4	329.99	1/4	674.15	1/4	1,009.17	1/4	1,348.09	1/4	1,692.25	1/4	2,030.54	1/4	2,374.64	1/4	2,718.73	1/4	3,062.71	1/4	3,406.61
1/2	337.16	1/2	681.32	1/2	1,016.04	1/2	1,355.26	1/2	1,699.42	1/2	2,037.71	1/2	2,381.81	1/2	2,725.90	1/2	3,069.87	1/2	3,413.77
3/4	344.33	3/4	688.49	3/4	1,022.91	3/4	1,362.43	3/4	1,706.59	3/4	2,044.88	3/4	2,388.97	3/4	2,733.07	3/4	3,077.04	3/4	3,420.94

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 40'-00" FORWARD OF AFT BULKHEAD.

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



# BARGE "CTCo 328"

## 2 PORT INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 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	3,428.10	0	3,772.00	0	4,113.45	0	4,437.47	0	4,749.34	0		0		0		0		0	
1/4	3,435.27	1/4	3,779.17	1/4	4,120.40	1/4	4,444.00	1/4	4,756.45	1/4		1/4		1/4		1/4		1/4	
1/2	3,442.43	1/2	3,786.33	1/2	4,127.35	1/2	4,450.53	1/2	4,763.55	1/2		1/2		1/2		1/2		1/2	
3/4	3,449.59	3/4	3,793.50	3/4	4,134.29	3/4	4,457.06	3/4	4,770.66	3/4		3/4		3/4		3/4		3/4	
1	3,456.76	1	3,800.66	1	4,141.24	1	4,463.59	1	4,777.77	1		1		1		1		1	
1/4	3,463.92	1/4	3,807.82	1/4	4,148.16	1/4	4,470.07	1/4	4,784.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,471.09	1/2	3,814.99	1/2	4,155.07	1/2	4,476.56	1/2	4,791.63	1/2		1/2		1/2		1/2		1/2	
3/4	3,478.25	3/4	3,822.15	3/4	4,161.99	3/4	4,483.05	3/4	4,798.56	3/4		3/4		3/4		3/4		3/4	
2	3,485.42	2	3,829.32	2	4,168.90	2	4,489.54	2	4,805.49	2		2		2		2		2	
1/4	3,492.58	1/4	3,836.48	1/4	4,175.78	1/4	4,495.96	1/4	4,811.52	1/4		1/4		1/4		1/4		1/4	
1/2	3,499.75	1/2	3,843.65	1/2	4,182.66	1/2	4,502.39	1/2	4,817.55	1/2		1/2		1/2		1/2		1/2	
3/4	3,506.91	3/4	3,850.81	3/4	4,189.54	3/4	4,508.81	3/4	4,823.59	3/4		3/4		3/4		3/4		3/4	
3	3,514.08	3	3,857.98	3	4,196.42	3	4,515.24	3	4,829.62	3		3		3		3		3	
1/4	3,521.24	1/4	3,865.14	1/4	4,203.24	1/4	4,521.63	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,528.41	1/2	3,872.31	1/2	4,210.07	1/2	4,528.03	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,535.57	3/4	3,879.47	3/4	4,216.90	3/4	4,534.42	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,542.73	4	3,886.64	4	4,223.73	4	4,540.82	4		4		4		4		4		4	
1/4	3,549.90	1/4	3,893.80	1/4	4,230.52	1/4	4,547.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,557.06	1/2	3,900.96	1/2	4,237.31	1/2	4,553.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,564.23	3/4	3,908.13	3/4	4,244.10	3/4	4,559.90	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,571.39	5	3,915.29	5	4,250.89	5	4,566.27	5		5		5		5		5		5	
1/4	3,578.56	1/4	3,922.46	1/4	4,257.65	1/4	4,572.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,585.72	1/2	3,929.62	1/2	4,264.41	1/2	4,578.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,592.89	3/4	3,936.78	3/4	4,271.17	3/4	4,585.26	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,600.05	6	3,943.95	6	4,277.93	6	4,591.59	6		6		6		6		6		6	
1/4	3,607.22	1/4	3,951.09	1/4	4,284.65	1/4	4,597.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,614.38	1/2	3,958.24	1/2	4,291.38	1/2	4,604.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,621.54	3/4	3,965.38	3/4	4,298.11	3/4	4,610.48	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,628.71	7	3,972.53	7	4,304.84	7	4,616.78	7		7		7		7		7		7	
1/4	3,635.87	1/4	3,979.64	1/4	4,311.53	1/4	4,623.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,643.04	1/2	3,986.75	1/2	4,318.23	1/2	4,629.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,650.20	3/4	3,993.87	3/4	4,324.92	3/4	4,635.56	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,657.37	8	4,000.98	8	4,331.62	8	4,641.82	8		8		8		8		8		8	
1/4	3,664.53	1/4	4,008.06	1/4	4,338.28	1/4	4,648.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,671.70	1/2	4,015.14	1/2	4,344.94	1/2	4,654.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,678.86	3/4	4,022.23	3/4	4,351.61	3/4	4,660.52	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,686.03	9	4,029.31	9	4,358.27	9	4,666.75	9		9		9		9		9		9	
1/4	3,693.19	1/4	4,036.36	1/4	4,364.90	1/4	4,673.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,700.36	1/2	4,043.40	1/2	4,371.54	1/2	4,679.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,707.52	3/4	4,050.45	3/4	4,378.17	3/4	4,686.05	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,714.68	10	4,057.50	10	4,384.80	10	4,692.48	10		10		10		10		10		10	
1/4	3,721.85	1/4	4,064.51	1/4	4,391.40	1/4	4,699.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,729.01	1/2	4,071.52	1/2	4,398.00	1/2	4,706.69	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,736.18	3/4	4,078.53	3/4	4,404.60	3/4	4,713.80	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,743.34	11	4,085.54	11	4,411.20	11	4,720.91	11		11		11		11		11		11	
1/4	3,750.51	1/4	4,092.52	1/4	4,417.77	1/4	4,728.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,757.67	1/2	4,099.50	1/2	4,424.34	1/2	4,735.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,764.84	3/4	4,106.48	3/4	4,430.90	3/4	4,742.23	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/04/2014 SW  
CALCULATED: 06/04/2014 CL  
PRINTED: 06/06/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2014

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



# BARGE "CTCo 328"

## 2 STBD

### INNAGE TABLE

### HERMETIC

### GAUGE HEIGHT 15'-04"

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	19.19	0	351.59	0	695.83	0	1,039.66	0	1,383.87	0	1,728.13	0	2,066.50	0	2,410.69	0	2,754.87	0	3,098.92
1/4	24.12	1/4	358.76	1/4	703.00	1/4	1,046.83	1/4	1,391.05	1/4	1,735.30	1/4	2,073.67	1/4	2,417.86	1/4	2,762.04	1/4	3,106.09
1/2	29.05	1/2	365.93	1/2	710.17	1/2	1,053.99	1/2	1,398.22	1/2	1,742.47	1/2	2,080.84	1/2	2,425.03	1/2	2,769.21	1/2	3,113.26
3/4	33.98	3/4	373.10	3/4	717.35	3/4	1,061.16	3/4	1,405.39	3/4	1,749.64	3/4	2,088.01	3/4	2,432.20	3/4	2,776.38	3/4	3,120.42
1	38.91	1	380.28	1	724.52	1	1,068.33	1	1,412.56	1	1,756.81	1	2,095.18	1	2,439.37	1	2,783.55	1	3,127.59
1/4	45.40	1/4	387.45	1/4	731.69	1/4	1,075.50	1/4	1,419.73	1/4	1,763.99	1/4	2,102.35	1/4	2,446.54	1/4	2,790.72	1/4	3,134.75
1/2	51.89	1/2	394.62	1/2	738.86	1/2	1,082.66	1/2	1,426.91	1/2	1,771.16	1/2	2,109.53	1/2	2,453.71	1/2	2,797.89	1/2	3,141.92
3/4	58.38	3/4	401.79	3/4	746.03	3/4	1,089.83	3/4	1,434.08	3/4	1,778.33	3/4	2,116.70	3/4	2,460.88	3/4	2,805.06	3/4	3,149.09
2	64.87	2	408.96	2	753.20	2	1,097.00	2	1,441.25	2	1,785.50	2	2,123.87	2	2,468.05	2	2,812.23	2	3,156.25
1/4	72.01	1/4	416.13	1/4	760.38	1/4	1,104.17	1/4	1,448.42	1/4	1,792.67	1/4	2,131.04	1/4	2,475.22	1/4	2,819.40	1/4	3,163.42
1/2	79.16	1/2	423.31	1/2	767.55	1/2	1,111.34	1/2	1,455.59	1/2	1,799.84	1/2	2,138.21	1/2	2,482.39	1/2	2,826.58	1/2	3,170.59
3/4	86.30	3/4	430.48	3/4	774.72	3/4	1,118.51	3/4	1,462.77	3/4	1,807.02	3/4	2,145.38	3/4	2,489.56	3/4	2,833.75	3/4	3,177.75
3	93.44	3	437.65	3	781.89	3	1,125.69	3	1,469.94	3	1,814.19	3	2,152.55	3	2,496.73	3	2,840.92	3	3,184.92
1/4	100.61	1/4	444.82	1/4	789.06	1/4	1,132.86	1/4	1,477.11	1/4	1,821.35	1/4	2,159.72	1/4	2,503.90	1/4	2,848.09	1/4	3,192.09
1/2	107.77	1/2	451.99	1/2	796.23	1/2	1,140.03	1/2	1,484.28	1/2	1,828.52	1/2	2,166.89	1/2	2,511.07	1/2	2,855.26	1/2	3,199.25
3/4	114.93	3/4	459.16	3/4	803.40	3/4	1,147.20	3/4	1,491.45	3/4	1,835.68	3/4	2,174.06	3/4	2,518.24	3/4	2,862.42	3/4	3,206.42
4	122.10	4	466.34	4	810.57	4	1,154.37	4	1,498.62	4	1,842.85	4	2,181.23	4	2,525.41	4	2,869.59	4	3,213.59
1/4	129.27	1/4	473.51	1/4	817.73	1/4	1,161.55	1/4	1,505.80	1/4	1,849.98	1/4	2,188.40	1/4	2,532.58	1/4	2,876.76	1/4	3,220.75
1/2	136.44	1/2	480.68	1/2	824.88	1/2	1,168.72	1/2	1,512.97	1/2	1,857.12	1/2	2,195.57	1/2	2,539.76	1/2	2,883.93	1/2	3,227.92
3/4	143.61	3/4	487.85	3/4	832.04	3/4	1,175.89	3/4	1,520.14	3/4	1,864.25	3/4	2,202.74	3/4	2,546.93	3/4	2,891.09	3/4	3,235.09
5	150.78	5	495.02	5	839.20	5	1,183.06	5	1,527.31	5	1,871.39	5	2,209.91	5	2,554.10	5	2,898.26	5	3,242.25
1/4	157.95	1/4	502.19	1/4	846.36	1/4	1,190.23	1/4	1,534.48	1/4	1,878.53	1/4	2,217.08	1/4	2,561.27	1/4	2,905.43	1/4	3,249.42
1/2	165.12	1/2	509.37	1/2	853.52	1/2	1,197.41	1/2	1,541.66	1/2	1,885.66	1/2	2,224.25	1/2	2,568.44	1/2	2,912.59	1/2	3,256.59
3/4	172.30	3/4	516.54	3/4	860.68	3/4	1,204.58	3/4	1,548.83	3/4	1,892.80	3/4	2,231.42	3/4	2,575.61	3/4	2,919.76	3/4	3,263.75
6	179.47	6	523.71	6	867.84	6	1,211.75	6	1,556.00	6	1,899.94	6	2,238.59	6	2,582.78	6	2,926.93	6	3,270.92
1/4	186.64	1/4	530.88	1/4	875.00	1/4	1,218.92	1/4	1,563.17	1/4	1,906.91	1/4	2,245.76	1/4	2,589.95	1/4	2,934.09	1/4	3,278.08
1/2	193.81	1/2	538.05	1/2	882.16	1/2	1,226.09	1/2	1,570.34	1/2	1,913.89	1/2	2,252.94	1/2	2,597.12	1/2	2,941.26	1/2	3,285.25
3/4	200.98	3/4	545.22	3/4	889.32	3/4	1,233.26	3/4	1,577.52	3/4	1,920.86	3/4	2,260.11	3/4	2,604.29	3/4	2,948.43	3/4	3,292.42
7	208.15	7	552.40	7	896.47	7	1,240.44	7	1,584.69	7	1,927.84	7	2,267.28	7	2,611.46	7	2,955.59	7	3,299.58
1/4	215.33	1/4	559.57	1/4	903.63	1/4	1,247.61	1/4	1,591.86	1/4	1,934.33	1/4	2,274.45	1/4	2,618.63	1/4	2,962.76	1/4	3,306.75
1/2	222.50	1/2	566.74	1/2	910.79	1/2	1,254.78	1/2	1,599.03	1/2	1,940.82	1/2	2,281.62	1/2	2,625.80	1/2	2,969.93	1/2	3,313.92
3/4	229.67	3/4	573.91	3/4	917.95	3/4	1,261.95	3/4	1,606.20	3/4	1,947.32	3/4	2,288.79	3/4	2,632.97	3/4	2,977.09	3/4	3,321.08
8	236.84	8	581.08	8	925.11	8	1,269.12	8	1,613.38	8	1,953.81	8	2,295.96	8	2,640.14	8	2,984.26	8	3,328.25
1/4	244.01	1/4	588.25	1/4	932.27	1/4	1,276.30	1/4	1,620.55	1/4	1,960.47	1/4	2,303.13	1/4	2,647.31	1/4	2,991.42	1/4	3,335.42
1/2	251.18	1/2	595.43	1/2	939.43	1/2	1,283.47	1/2	1,627.72	1/2	1,967.13	1/2	2,310.30	1/2	2,654.48	1/2	2,998.59	1/2	3,342.58
3/4	258.36	3/4	602.60	3/4	946.59	3/4	1,290.64	3/4	1,634.89	3/4	1,973.79	3/4	2,317.47	3/4	2,661.65	3/4	3,005.76	3/4	3,349.75
9	265.53	9	609.77	9	953.75	9	1,297.81	9	1,642.06	9	1,980.46	9	2,324.64	9	2,668.82	9	3,012.92	9	3,356.92
1/4	272.70	1/4	616.94	1/4	960.91	1/4	1,304.98	1/4	1,649.23	1/4	1,987.63	1/4	2,331.81	1/4	2,675.99	1/4	3,020.09	1/4	3,364.08
1/2	279.87	1/2	624.11	1/2	968.06	1/2	1,312.16	1/2	1,656.41	1/2	1,994.80	1/2	2,338.98	1/2	2,683.17	1/2	3,027.26	1/2	3,371.25
3/4	287.04	3/4	631.28	3/4	975.22	3/4	1,319.33	3/4	1,663.58	3/4	2,001.97	3/4	2,346.15	3/4	2,690.34	3/4	3,034.42	3/4	3,378.42
10	294.21	10	638.46	10	982.38	10	1,326.50	10	1,670.75	10	2,009.14	10	2,353.32	10	2,697.51	10	3,041.59	10	3,385.58
1/4	301.39	1/4	645.63	1/4	989.54	1/4	1,333.67	1/4	1,677.92	1/4	2,016.31	1/4	2,360.49	1/4	2,704.68	1/4	3,048.76	1/4	3,392.75
1/2	308.56	1/2	652.80	1/2	996.70	1/2	1,340.84	1/2	1,685.09	1/2	2,023.48	1/2	2,367.66	1/2	2,711.85	1/2	3,055.92	1/2	3,399.92
3/4	315.73	3/4	659.97	3/4	1,003.86	3/4	1,348.01	3/4	1,692.27	3/4	2,030.65	3/4	2,374.83	3/4	2,719.02	3/4	3,063.09	3/4	3,407.08
11	322.90	11	667.14	11	1,011.02	11	1,355.19	11	1,699.44	11	2,037.82	11	2,382.00	11	2,726.19	11	3,070.26	11	3,414.25
1/4	330.07	1/4	674.31	1/4	1,018.18	1/4	1,362.36	1/4	1,706.61	1/4	2,044.99	1/4	2,389.17	1/4	2,733.36	1/4	3,077.42	1/4	3,421.41
1/2	337.25	1/2	681.49	1/2	1,025.34	1/2	1,369.53	1/2	1,713.78	1/2	2,052.16	1/2	2,396.35	1/2	2,740.53	1/2	3,084.59	1/2	3,428.58
3/4	344.42	3/4	688.66	3/4	1,032.50	3/4	1,376.70	3/4	1,720.95	3/4	2,059.33	3/4	2,403.52	3/4	2,747.70	3/4	3,091.76	3/4	3,435.75

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 40'-00" FORWARD OF AFT BULKHEAD.

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

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





# BARGE "CTCo 328"

## 2 STBD INNAGE TABLE HERMETIC

GAUGE HEIGHT 15'-04"

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	3,442.91	0	3,786.91	0	4,128.44	0	4,452.55	0	4,764.53	0		0		0		0		0	
1/4	3,450.08	1/4	3,794.07	1/4	4,135.39	1/4	4,459.09	1/4	4,771.64	1/4		1/4		1/4		1/4		1/4	
1/2	3,457.25	1/2	3,801.24	1/2	4,142.34	1/2	4,465.62	1/2	4,778.75	1/2		1/2		1/2		1/2		1/2	
3/4	3,464.41	3/4	3,808.41	3/4	4,149.29	3/4	4,472.15	3/4	4,785.86	3/4		3/4		3/4		3/4		3/4	
1	3,471.58	1	3,815.57	1	4,156.23	1	4,478.68	1	4,792.97	1		1		1		1		1	
1/4	3,478.75	1/4	3,822.74	1/4	4,163.15	1/4	4,485.17	1/4	4,799.90	1/4		1/4		1/4		1/4		1/4	
1/2	3,485.91	1/2	3,829.91	1/2	4,170.07	1/2	4,491.66	1/2	4,806.83	1/2		1/2		1/2		1/2		1/2	
3/4	3,493.08	3/4	3,837.07	3/4	4,176.99	3/4	4,498.15	3/4	4,813.76	3/4		3/4		3/4		3/4		3/4	
2	3,500.25	2	3,844.24	2	4,183.90	2	4,504.64	2	4,820.69	2		2		2		2		2	
1/4	3,507.41	1/4	3,851.40	1/4	4,190.78	1/4	4,511.07	1/4	4,826.72	1/4		1/4		1/4		1/4		1/4	
1/2	3,514.58	1/2	3,858.57	1/2	4,197.66	1/2	4,517.49	1/2	4,832.76	1/2		1/2		1/2		1/2		1/2	
3/4	3,521.75	3/4	3,865.74	3/4	4,204.54	3/4	4,523.92	3/4	4,838.79	3/4		3/4		3/4		3/4		3/4	
3	3,528.91	3	3,872.90	3	4,211.42	3	4,530.35	3	4,844.82	3		3		3		3		3	
1/4	3,536.08	1/4	3,880.07	1/4	4,218.25	1/4	4,536.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,543.25	1/2	3,887.24	1/2	4,225.08	1/2	4,543.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,550.41	3/4	3,894.40	3/4	4,231.92	3/4	4,549.54	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,557.58	4	3,901.57	4	4,238.75	4	4,555.94	4		4		4		4		4		4	
1/4	3,564.74	1/4	3,908.74	1/4	4,245.54	1/4	4,562.30	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,571.91	1/2	3,915.90	1/2	4,252.33	1/2	4,568.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,579.08	3/4	3,923.07	3/4	4,259.12	3/4	4,575.03	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,586.24	5	3,930.24	5	4,265.92	5	4,581.40	5		5		5		5		5		5	
1/4	3,593.41	1/4	3,937.40	1/4	4,272.68	1/4	4,587.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,600.58	1/2	3,944.56	1/2	4,279.44	1/2	4,594.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,607.74	3/4	3,951.72	3/4	4,286.20	3/4	4,600.40	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,614.91	6	3,958.89	6	4,292.96	6	4,606.73	6		6		6		6		6		6	
1/4	3,622.08	1/4	3,966.03	1/4	4,299.69	1/4	4,613.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,629.24	1/2	3,973.18	1/2	4,306.42	1/2	4,619.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,636.41	3/4	3,980.33	3/4	4,313.15	3/4	4,625.63	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,643.58	7	3,987.47	7	4,319.88	7	4,631.93	7		7		7		7		7		7	
1/4	3,650.74	1/4	3,994.59	1/4	4,326.57	1/4	4,638.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,657.91	1/2	4,001.70	1/2	4,333.27	1/2	4,644.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,665.08	3/4	4,008.82	3/4	4,339.97	3/4	4,650.72	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,672.24	8	4,015.93	8	4,346.67	8	4,656.98	8		8		8		8		8		8	
1/4	3,679.41	1/4	4,023.02	1/4	4,353.33	1/4	4,663.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,686.58	1/2	4,030.10	1/2	4,360.00	1/2	4,669.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,693.74	3/4	4,037.19	3/4	4,366.67	3/4	4,675.68	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,700.91	9	4,044.27	9	4,373.33	9	4,681.92	9		9		9		9		9		9	
1/4	3,708.07	1/4	4,051.32	1/4	4,379.97	1/4	4,688.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,715.24	1/2	4,058.37	1/2	4,386.60	1/2	4,694.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,722.41	3/4	4,065.42	3/4	4,393.23	3/4	4,701.22	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,729.57	10	4,072.47	10	4,399.87	10	4,707.66	10		10		10		10		10		10	
1/4	3,736.74	1/4	4,079.48	1/4	4,406.47	1/4	4,714.77	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,743.91	1/2	4,086.49	1/2	4,413.07	1/2	4,721.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,751.07	3/4	4,093.51	3/4	4,419.68	3/4	4,728.99	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,758.24	11	4,100.52	11	4,426.28	11	4,736.09	11		11		11		11		11		11	
1/4	3,765.41	1/4	4,107.50	1/4	4,432.85	1/4	4,743.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,772.57	1/2	4,114.48	1/2	4,439.42	1/2	4,750.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,779.74	3/4	4,121.46	3/4	4,445.99	3/4	4,757.42	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/04/2014 SW  
CALCULATED: 06/04/2014 CL  
PRINTED: 06/06/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2014

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



# BARGE "CTCo 328"

## 3 PORT INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 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	20.28	0	371.56	0	735.20	0	1,091.16	0	1,451.39	0	1,814.86	0	2,170.05	0	2,531.27	0	2,894.42	0	3,257.37
1/4	25.50	1/4	379.13	1/4	742.78	1/4	1,098.51	1/4	1,458.96	1/4	1,822.43	1/4	2,177.56	1/4	2,538.84	1/4	2,901.98	1/4	3,264.93
1/2	30.72	1/2	386.71	1/2	750.35	1/2	1,105.86	1/2	1,466.54	1/2	1,830.00	1/2	2,185.06	1/2	2,546.41	1/2	2,909.55	1/2	3,272.49
3/4	35.93	3/4	394.28	3/4	757.93	3/4	1,113.21	3/4	1,474.11	3/4	1,837.57	3/4	2,192.57	3/4	2,553.98	3/4	2,917.11	3/4	3,280.05
1	41.15	1	401.86	1	765.50	1	1,120.56	1	1,481.68	1	1,845.15	1	2,200.08	1	2,561.55	1	2,924.67	1	3,287.61
1/4	48.02	1/4	409.43	1/4	773.08	1/4	1,127.92	1/4	1,489.25	1/4	1,852.72	1/4	2,207.59	1/4	2,569.12	1/4	2,932.24	1/4	3,295.17
1/2	54.88	1/2	417.01	1/2	780.66	1/2	1,135.27	1/2	1,496.83	1/2	1,860.29	1/2	2,215.10	1/2	2,576.69	1/2	2,939.80	1/2	3,302.72
3/4	61.75	3/4	424.58	3/4	788.23	3/4	1,142.62	3/4	1,504.40	3/4	1,867.86	3/4	2,222.60	3/4	2,584.26	3/4	2,947.36	3/4	3,310.28
2	68.62	2	432.16	2	795.81	2	1,149.97	2	1,511.97	2	1,875.44	2	2,230.11	2	2,591.83	2	2,954.93	2	3,317.83
1/4	76.17	1/4	439.73	1/4	803.39	1/4	1,157.34	1/4	1,519.54	1/4	1,883.01	1/4	2,237.62	1/4	2,599.40	1/4	2,962.49	1/4	3,325.37
1/2	83.73	1/2	447.31	1/2	810.96	1/2	1,164.70	1/2	1,527.11	1/2	1,890.58	1/2	2,245.13	1/2	2,606.97	1/2	2,970.05	1/2	3,332.91
3/4	91.28	3/4	454.88	3/4	818.54	3/4	1,172.06	3/4	1,534.69	3/4	1,898.15	3/4	2,252.63	3/4	2,614.54	3/4	2,977.62	3/4	3,340.45
3	98.84	3	462.46	3	826.12	3	1,179.42	3	1,542.26	3	1,905.72	3	2,260.14	3	2,622.11	3	2,985.18	3	3,347.99
1/4	106.41	1/4	470.03	1/4	833.63	1/4	1,186.84	1/4	1,549.83	1/4	1,913.27	1/4	2,267.66	1/4	2,629.68	1/4	2,992.74	1/4	3,355.53
1/2	113.99	1/2	477.61	1/2	841.15	1/2	1,194.25	1/2	1,557.40	1/2	1,920.82	1/2	2,275.17	1/2	2,637.25	1/2	3,000.30	1/2	3,363.07
3/4	121.56	3/4	485.18	3/4	848.67	3/4	1,201.67	3/4	1,564.98	3/4	1,928.36	3/4	2,282.68	3/4	2,644.82	3/4	3,007.87	3/4	3,370.61
4	129.13	4	492.76	4	856.19	4	1,209.08	4	1,572.55	4	1,935.91	4	2,290.20	4	2,652.39	4	3,015.43	4	3,378.15
1/4	136.71	1/4	500.33	1/4	863.53	1/4	1,216.65	1/4	1,580.12	1/4	1,943.38	1/4	2,297.73	1/4	2,659.95	1/4	3,022.99	1/4	3,385.69
1/2	144.29	1/2	507.91	1/2	870.87	1/2	1,224.23	1/2	1,587.69	1/2	1,950.86	1/2	2,305.26	1/2	2,667.52	1/2	3,030.55	1/2	3,393.23
3/4	151.86	3/4	515.49	3/4	878.21	3/4	1,231.80	3/4	1,595.26	3/4	1,958.33	3/4	2,312.79	3/4	2,675.08	3/4	3,038.11	3/4	3,400.77
5	159.44	5	523.06	5	885.56	5	1,239.37	5	1,602.84	5	1,965.80	5	2,320.33	5	2,682.64	5	3,045.67	5	3,408.31
1/4	167.02	1/4	530.64	1/4	892.90	1/4	1,246.94	1/4	1,610.41	1/4	1,973.28	1/4	2,327.86	1/4	2,690.21	1/4	3,053.23	1/4	3,415.85
1/2	174.59	1/2	538.22	1/2	900.24	1/2	1,254.52	1/2	1,617.98	1/2	1,980.75	1/2	2,335.39	1/2	2,697.77	1/2	3,060.79	1/2	3,423.39
3/4	182.17	3/4	545.79	3/4	907.59	3/4	1,262.09	3/4	1,625.55	3/4	1,988.23	3/4	2,342.92	3/4	2,705.33	3/4	3,068.35	3/4	3,430.93
6	189.75	6	553.37	6	914.93	6	1,269.66	6	1,633.13	6	1,995.70	6	2,350.46	6	2,712.90	6	3,075.91	6	3,438.47
1/4	197.33	1/4	560.94	1/4	922.27	1/4	1,277.23	1/4	1,640.70	1/4	2,003.00	1/4	2,357.99	1/4	2,720.46	1/4	3,083.47	1/4	3,446.01
1/2	204.90	1/2	568.52	1/2	929.61	1/2	1,284.80	1/2	1,648.27	1/2	2,010.31	1/2	2,365.52	1/2	2,728.02	1/2	3,091.04	1/2	3,453.55
3/4	212.48	3/4	576.10	3/4	936.96	3/4	1,292.38	3/4	1,655.84	3/4	2,017.61	3/4	2,373.05	3/4	2,735.59	3/4	3,098.60	3/4	3,461.09
7	220.05	7	583.67	7	944.30	7	1,299.95	7	1,663.41	7	2,024.91	7	2,380.58	7	2,743.15	7	3,106.16	7	3,468.63
1/4	227.63	1/4	591.25	1/4	951.64	1/4	1,307.52	1/4	1,670.99	1/4	2,031.70	1/4	2,388.12	1/4	2,750.71	1/4	3,113.72	1/4	3,476.17
1/2	235.21	1/2	598.83	1/2	958.98	1/2	1,315.09	1/2	1,678.56	1/2	2,038.49	1/2	2,395.65	1/2	2,758.28	1/2	3,121.28	1/2	3,483.71
3/4	242.78	3/4	606.40	3/4	966.33	3/4	1,322.66	3/4	1,686.13	3/4	2,045.28	3/4	2,403.18	3/4	2,765.84	3/4	3,128.84	3/4	3,491.25
8	250.36	8	613.98	8	973.67	8	1,330.24	8	1,693.70	8	2,052.07	8	2,410.71	8	2,773.41	8	3,136.40	8	3,498.79
1/4	257.93	1/4	621.56	1/4	981.01	1/4	1,337.81	1/4	1,701.27	1/4	2,059.04	1/4	2,418.25	1/4	2,780.97	1/4	3,143.96	1/4	3,506.33
1/2	265.51	1/2	629.13	1/2	988.36	1/2	1,345.38	1/2	1,708.85	1/2	2,066.01	1/2	2,425.78	1/2	2,788.53	1/2	3,151.52	1/2	3,513.87
3/4	273.08	3/4	636.71	3/4	995.70	3/4	1,352.95	3/4	1,716.42	3/4	2,072.98	3/4	2,433.31	3/4	2,796.10	3/4	3,159.08	3/4	3,521.41
9	280.66	9	644.28	9	1,003.04	9	1,360.53	9	1,723.99	9	2,079.95	9	2,440.84	9	2,803.66	9	3,166.64	9	3,528.95
1/4	288.23	1/4	651.86	1/4	1,010.38	1/4	1,368.10	1/4	1,731.56	1/4	2,087.46	1/4	2,448.37	1/4	2,811.22	1/4	3,174.20	1/4	3,536.50
1/2	295.81	1/2	659.44	1/2	1,017.73	1/2	1,375.67	1/2	1,739.14	1/2	2,094.97	1/2	2,455.91	1/2	2,818.79	1/2	3,181.76	1/2	3,544.04
3/4	303.38	3/4	667.01	3/4	1,025.07	3/4	1,383.24	3/4	1,746.71	3/4	2,102.48	3/4	2,463.44	3/4	2,826.35	3/4	3,189.32	3/4	3,551.58
10	310.96	10	674.59	10	1,032.41	10	1,390.81	10	1,754.28	10	2,109.98	10	2,470.97	10	2,833.91	10	3,196.89	10	3,559.12
1/4	318.53	1/4	682.17	1/4	1,039.75	1/4	1,398.39	1/4	1,761.85	1/4	2,117.49	1/4	2,478.50	1/4	2,841.48	1/4	3,204.45	1/4	3,566.68
1/2	326.11	1/2	689.74	1/2	1,047.10	1/2	1,405.96	1/2	1,769.42	1/2	2,125.00	1/2	2,486.04	1/2	2,849.04	1/2	3,212.01	1/2	3,574.23
3/4	333.68	3/4	697.32	3/4	1,054.44	3/4	1,413.53	3/4	1,777.00	3/4	2,132.51	3/4	2,493.57	3/4	2,856.60	3/4	3,219.57	3/4	3,581.78
11	341.26	11	704.89	11	1,061.78	11	1,421.10	11	1,784.57	11	2,140.02	11	2,501.10	11	2,864.17	11	3,227.13	11	3,589.33
1/4	348.83	1/4	712.47	1/4	1,069.13	1/4	1,428.68	1/4	1,792.14	1/4	2,147.52	1/4	2,508.64	1/4	2,871.73	1/4	3,234.69	1/4	3,596.45
1/2	356.41	1/2	720.05	1/2	1,076.47	1/2	1,436.25	1/2	1,799.71	1/2	2,155.03	1/2	2,516.18	1/2	2,879.29	1/2	3,242.25	1/2	3,603.57
3/4	363.98	3/4	727.62	3/4	1,083.82	3/4	1,443.82	3/4	1,807.29	3/4	2,162.54	3/4	2,523.73	3/4	2,886.86	3/4	3,249.81	3/4	3,610.69

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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



# BARGE "CTCo 328"

## 3 PORT INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 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	3,617.81	0	3,818.35	0	4,012.23	0	4,196.14	0	4,372.95	0		0		0		0		0	
1/4	3,623.20	1/4	3,822.42	1/4	4,016.18	1/4	4,199.85	1/4	4,376.98	1/4		1/4		1/4		1/4		1/4	
1/2	3,628.58	1/2	3,826.49	1/2	4,020.12	1/2	4,203.55	1/2	4,381.01	1/2		1/2		1/2		1/2		1/2	
3/4	3,633.97	3/4	3,830.56	3/4	4,024.07	3/4	4,207.26	3/4	4,385.04	3/4		3/4		3/4		3/4		3/4	
1	3,639.35	1	3,834.63	1	4,028.01	1	4,210.96	1	4,389.07	1		1		1		1		1	
1/4	3,643.42	1/4	3,838.69	1/4	4,031.94	1/4	4,214.64	1/4	4,392.91	1/4		1/4		1/4		1/4		1/4	
1/2	3,647.49	1/2	3,842.76	1/2	4,035.86	1/2	4,218.33	1/2	4,396.75	1/2		1/2		1/2		1/2		1/2	
3/4	3,651.56	3/4	3,846.83	3/4	4,039.79	3/4	4,222.01	3/4	4,400.59	3/4		3/4		3/4		3/4		3/4	
2	3,655.63	2	3,850.90	2	4,043.72	2	4,225.69	2	4,404.43	2		2		2		2		2	
1/4	3,659.69	1/4	3,854.97	1/4	4,047.62	1/4	4,229.33	1/4	4,407.32	1/4		1/4		1/4		1/4		1/4	
1/2	3,663.76	1/2	3,859.04	1/2	4,051.53	1/2	4,232.97	1/2	4,410.22	1/2		1/2		1/2		1/2		1/2	
3/4	3,667.83	3/4	3,863.10	3/4	4,055.43	3/4	4,236.61	3/4	4,413.11	3/4		3/4		3/4		3/4		3/4	
3	3,671.90	3	3,867.17	3	4,059.34	3	4,240.25	3	4,416.00	3		3		3		3		3	
1/4	3,675.97	1/4	3,871.24	1/4	4,063.21	1/4	4,243.88	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,680.04	1/2	3,875.31	1/2	4,067.09	1/2	4,247.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,684.10	3/4	3,879.38	3/4	4,070.96	3/4	4,251.13	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,688.17	4	3,883.45	4	4,074.84	4	4,254.75	4		4		4		4		4		4	
1/4	3,692.24	1/4	3,887.51	1/4	4,078.69	1/4	4,258.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,696.31	1/2	3,891.58	1/2	4,082.55	1/2	4,261.96	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,700.38	3/4	3,895.65	3/4	4,086.40	3/4	4,265.57	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,704.44	5	3,899.72	5	4,090.25	5	4,269.18	5		5		5		5		5		5	
1/4	3,708.51	1/4	3,903.78	1/4	4,094.09	1/4	4,272.77	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,712.58	1/2	3,907.85	1/2	4,097.93	1/2	4,276.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,716.65	3/4	3,911.92	3/4	4,101.76	3/4	4,279.94	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,720.72	6	3,915.98	6	4,105.60	6	4,283.53	6		6		6		6		6		6	
1/4	3,724.79	1/4	3,920.04	1/4	4,109.42	1/4	4,287.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,728.85	1/2	3,924.10	1/2	4,113.23	1/2	4,290.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,732.92	3/4	3,928.15	3/4	4,117.05	3/4	4,294.24	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,736.99	7	3,932.21	7	4,120.87	7	4,297.81	7		7		7		7		7		7	
1/4	3,741.06	1/4	3,936.25	1/4	4,124.67	1/4	4,301.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,745.13	1/2	3,940.29	1/2	4,128.47	1/2	4,304.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,749.19	3/4	3,944.33	3/4	4,132.27	3/4	4,308.45	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,753.26	8	3,948.37	8	4,136.07	8	4,312.00	8		8		8		8		8		8	
1/4	3,757.33	1/4	3,952.39	1/4	4,139.85	1/4	4,315.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,761.40	1/2	3,956.41	1/2	4,143.63	1/2	4,319.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,765.47	3/4	3,960.43	3/4	4,147.41	3/4	4,322.60	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,769.54	9	3,964.45	9	4,151.20	9	4,326.13	9		9		9		9		9		9	
1/4	3,773.60	1/4	3,968.45	1/4	4,154.96	1/4	4,329.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,777.67	1/2	3,972.46	1/2	4,158.72	1/2	4,333.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,781.74	3/4	3,976.46	3/4	4,162.49	3/4	4,337.07	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,785.81	10	3,980.46	10	4,166.25	10	4,340.72	10		10		10		10		10		10	
1/4	3,789.88	1/4	3,984.44	1/4	4,170.00	1/4	4,344.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,793.94	1/2	3,988.42	1/2	4,173.74	1/2	4,348.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,798.01	3/4	3,992.40	3/4	4,177.49	3/4	4,352.80	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,802.08	11	3,996.38	11	4,181.24	11	4,356.83	11		11		11		11		11		11	
1/4	3,806.15	1/4	4,000.34	1/4	4,184.96	1/4	4,360.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,810.22	1/2	4,004.31	1/2	4,188.69	1/2	4,364.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,814.29	3/4	4,008.27	3/4	4,192.42	3/4	4,368.92	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/04/2014 SW  
CALCULATED: 06/04/2014 CL  
PRINTED: 06/06/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2014

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



# BARGE "CTCo 328"

## 3 STBD

### INNAGE TABLE

### HERMETIC

#### 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	20.28	0	371.98	0	736.21	0	1,099.94	0	1,464.12	0	1,828.35	0	2,186.40	0	2,550.56	0	2,914.49	0	3,278.23
1/4	25.50	1/4	379.57	1/4	743.80	1/4	1,107.52	1/4	1,471.71	1/4	1,835.94	1/4	2,193.98	1/4	2,558.15	1/4	2,922.07	1/4	3,285.80
1/2	30.72	1/2	387.16	1/2	751.38	1/2	1,115.10	1/2	1,479.30	1/2	1,843.53	1/2	2,201.57	1/2	2,565.74	1/2	2,929.65	1/2	3,293.38
3/4	35.93	3/4	394.74	3/4	758.97	3/4	1,122.68	3/4	1,486.88	3/4	1,851.12	3/4	2,209.16	3/4	2,573.32	3/4	2,937.23	3/4	3,300.96
1	41.15	1	402.33	1	766.56	1	1,130.26	1	1,494.47	1	1,858.71	1	2,216.74	1	2,580.91	1	2,944.81	1	3,308.53
1/4	48.02	1/4	409.92	1/4	774.15	1/4	1,137.85	1/4	1,502.06	1/4	1,866.29	1/4	2,224.33	1/4	2,588.50	1/4	2,952.39	1/4	3,316.10
1/2	54.88	1/2	417.51	1/2	781.74	1/2	1,145.43	1/2	1,509.65	1/2	1,873.88	1/2	2,231.92	1/2	2,596.08	1/2	2,959.97	1/2	3,323.68
3/4	61.75	3/4	425.10	3/4	789.32	3/4	1,153.01	3/4	1,517.24	3/4	1,881.47	3/4	2,239.50	3/4	2,603.67	3/4	2,967.55	3/4	3,331.25
2	68.61	2	432.68	2	796.91	2	1,160.59	2	1,524.83	2	1,889.06	2	2,247.09	2	2,611.26	2	2,975.13	2	3,338.82
1/4	76.17	1/4	440.27	1/4	804.50	1/4	1,168.18	1/4	1,532.41	1/4	1,896.65	1/4	2,254.68	1/4	2,618.84	1/4	2,982.71	1/4	3,346.38
1/2	83.73	1/2	447.86	1/2	812.09	1/2	1,175.77	1/2	1,540.00	1/2	1,904.24	1/2	2,262.27	1/2	2,626.43	1/2	2,990.29	1/2	3,353.93
3/4	91.29	3/4	455.45	3/4	819.68	3/4	1,183.36	3/4	1,547.59	3/4	1,911.82	3/4	2,269.85	3/4	2,634.02	3/4	2,997.87	3/4	3,361.49
3	98.85	3	463.04	3	827.26	3	1,190.94	3	1,555.18	3	1,919.41	3	2,277.44	3	2,641.61	3	3,005.45	3	3,369.04
1/4	106.43	1/4	470.62	1/4	834.85	1/4	1,198.53	1/4	1,562.77	1/4	1,926.99	1/4	2,285.03	1/4	2,649.19	1/4	3,013.03	1/4	3,376.60
1/2	114.00	1/2	478.21	1/2	842.43	1/2	1,206.12	1/2	1,570.35	1/2	1,934.57	1/2	2,292.61	1/2	2,656.78	1/2	3,020.61	1/2	3,384.16
3/4	121.58	3/4	485.80	3/4	850.01	3/4	1,213.71	3/4	1,577.94	3/4	1,942.16	3/4	2,300.20	3/4	2,664.36	3/4	3,028.19	3/4	3,391.71
4	129.16	4	493.39	4	857.60	4	1,221.30	4	1,585.53	4	1,949.74	4	2,307.79	4	2,671.95	4	3,035.76	4	3,399.27
1/4	136.75	1/4	500.98	1/4	865.17	1/4	1,228.89	1/4	1,593.12	1/4	1,957.29	1/4	2,315.37	1/4	2,679.53	1/4	3,043.34	1/4	3,406.83
1/2	144.34	1/2	508.56	1/2	872.74	1/2	1,236.47	1/2	1,600.71	1/2	1,964.84	1/2	2,322.96	1/2	2,687.11	1/2	3,050.92	1/2	3,414.38
3/4	151.93	3/4	516.15	3/4	880.32	3/4	1,244.06	3/4	1,608.30	3/4	1,972.40	3/4	2,330.55	3/4	2,694.69	3/4	3,058.50	3/4	3,421.94
5	159.51	5	523.74	5	887.89	5	1,251.65	5	1,615.88	5	1,979.95	5	2,338.13	5	2,702.27	5	3,066.07	5	3,429.49
1/4	167.10	1/4	531.33	1/4	895.46	1/4	1,259.24	1/4	1,623.47	1/4	1,987.50	1/4	2,345.72	1/4	2,709.84	1/4	3,073.65	1/4	3,437.05
1/2	174.69	1/2	538.92	1/2	903.04	1/2	1,266.83	1/2	1,631.06	1/2	1,995.05	1/2	2,353.31	1/2	2,717.42	1/2	3,081.23	1/2	3,444.61
3/4	182.28	3/4	546.51	3/4	910.61	3/4	1,274.42	3/4	1,638.65	3/4	2,002.61	3/4	2,360.89	3/4	2,725.00	3/4	3,088.80	3/4	3,452.16
6	189.86	6	554.09	6	918.18	6	1,282.00	6	1,646.24	6	2,010.16	6	2,368.48	6	2,732.58	6	3,096.38	6	3,459.72
1/4	197.45	1/4	561.68	1/4	925.76	1/4	1,289.59	1/4	1,653.83	1/4	2,017.54	1/4	2,376.07	1/4	2,740.16	1/4	3,103.96	1/4	3,467.28
1/2	205.04	1/2	569.27	1/2	933.33	1/2	1,297.18	1/2	1,661.41	1/2	2,024.92	1/2	2,383.65	1/2	2,747.74	1/2	3,111.53	1/2	3,474.83
3/4	212.63	3/4	576.86	3/4	940.90	3/4	1,304.77	3/4	1,669.00	3/4	2,032.31	3/4	2,391.24	3/4	2,755.32	3/4	3,119.11	3/4	3,482.39
7	220.22	7	584.45	7	948.47	7	1,312.36	7	1,676.59	7	2,039.69	7	2,398.83	7	2,762.90	7	3,126.69	7	3,489.94
1/4	227.81	1/4	592.03	1/4	956.05	1/4	1,319.94	1/4	1,684.18	1/4	2,046.56	1/4	2,406.41	1/4	2,770.48	1/4	3,134.26	1/4	3,497.50
1/2	235.39	1/2	599.62	1/2	963.62	1/2	1,327.53	1/2	1,691.77	1/2	2,053.42	1/2	2,414.00	1/2	2,778.06	1/2	3,141.84	1/2	3,505.06
3/4	242.98	3/4	607.21	3/4	971.19	3/4	1,335.12	3/4	1,699.35	3/4	2,060.29	3/4	2,421.59	3/4	2,785.64	3/4	3,149.42	3/4	3,512.61
8	250.57	8	614.80	8	978.77	8	1,342.71	8	1,706.94	8	2,067.16	8	2,429.17	8	2,793.22	8	3,156.99	8	3,520.17
1/4	258.16	1/4	622.39	1/4	986.34	1/4	1,350.30	1/4	1,714.53	1/4	2,074.21	1/4	2,436.76	1/4	2,800.80	1/4	3,164.57	1/4	3,527.73
1/2	265.75	1/2	629.97	1/2	993.91	1/2	1,357.89	1/2	1,722.12	1/2	2,081.26	1/2	2,444.35	1/2	2,808.38	1/2	3,172.15	1/2	3,535.28
3/4	273.33	3/4	637.56	3/4	1,001.49	3/4	1,365.47	3/4	1,729.71	3/4	2,088.31	3/4	2,451.94	3/4	2,815.96	3/4	3,179.73	3/4	3,542.84
9	280.92	9	645.15	9	1,009.06	9	1,373.06	9	1,737.30	9	2,095.36	9	2,459.52	9	2,823.54	9	3,187.30	9	3,550.39
1/4	288.51	1/4	652.74	1/4	1,016.63	1/4	1,380.65	1/4	1,744.88	1/4	2,102.94	1/4	2,467.11	1/4	2,831.12	1/4	3,194.88	1/4	3,557.95
1/2	296.10	1/2	660.33	1/2	1,024.20	1/2	1,388.24	1/2	1,752.47	1/2	2,110.53	1/2	2,474.70	1/2	2,838.70	1/2	3,202.46	1/2	3,565.51
3/4	303.69	3/4	667.91	3/4	1,031.78	3/4	1,395.83	3/4	1,760.06	3/4	2,118.12	3/4	2,482.28	3/4	2,846.28	3/4	3,210.03	3/4	3,573.06
10	311.27	10	675.50	10	1,039.35	10	1,403.41	10	1,767.65	10	2,125.70	10	2,489.87	10	2,853.86	10	3,217.61	10	3,580.62
1/4	318.86	1/4	683.09	1/4	1,046.92	1/4	1,411.00	1/4	1,775.24	1/4	2,133.29	1/4	2,497.46	1/4	2,861.44	1/4	3,225.19	1/4	3,588.17
1/2	326.45	1/2	690.68	1/2	1,054.50	1/2	1,418.59	1/2	1,782.82	1/2	2,140.88	1/2	2,505.04	1/2	2,869.02	1/2	3,232.76	1/2	3,595.73
3/4	334.04	3/4	698.27	3/4	1,062.07	3/4	1,426.18	3/4	1,790.41	3/4	2,148.46	3/4	2,512.63	3/4	2,876.60	3/4	3,240.34	3/4	3,603.29
11	341.63	11	705.86	11	1,069.64	11	1,433.77	11	1,798.00	11	2,156.05	11	2,520.22	11	2,884.18	11	3,247.92	11	3,610.84
1/4	349.21	1/4	713.44	1/4	1,077.22	1/4	1,441.36	1/4	1,805.59	1/4	2,163.64	1/4	2,527.80	1/4	2,891.76	1/4	3,255.49	1/4	3,617.97
1/2	356.80	1/2	721.03	1/2	1,084.79	1/2	1,448.94	1/2	1,813.18	1/2	2,171.22	1/2	2,535.39	1/2	2,899.33	1/2	3,263.07	1/2	3,625.09
3/4	364.39	3/4	728.62	3/4	1,092.37	3/4	1,456.53	3/4	1,820.77	3/4	2,178.81	3/4	2,542.98	3/4	2,906.91	3/4	3,270.65	3/4	3,632.21

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

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



# BARGE "CTCo 328"

## 3 STBD INNAGE TABLE HERMETIC

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	3,639.33	0	3,839.72	0	4,033.44	0	4,217.18	0	4,393.80	0		0		0		0		0	
1/4	3,644.72	1/4	3,843.78	1/4	4,037.38	1/4	4,220.88	1/4	4,397.83	1/4		1/4		1/4		1/4		1/4	
1/2	3,650.10	1/2	3,847.85	1/2	4,041.32	1/2	4,224.58	1/2	4,401.86	1/2		1/2		1/2		1/2		1/2	
3/4	3,655.48	3/4	3,851.91	3/4	4,045.26	3/4	4,228.28	3/4	4,405.88	3/4		3/4		3/4		3/4		3/4	
1	3,660.87	1	3,855.98	1	4,049.20	1	4,231.98	1	4,409.91	1		1		1		1		1	
1/4	3,664.93	1/4	3,860.04	1/4	4,053.13	1/4	4,235.66	1/4	4,413.75	1/4		1/4		1/4		1/4		1/4	
1/2	3,669.00	1/2	3,864.11	1/2	4,057.05	1/2	4,239.34	1/2	4,417.58	1/2		1/2		1/2		1/2		1/2	
3/4	3,673.06	3/4	3,868.17	3/4	4,060.97	3/4	4,243.01	3/4	4,421.42	3/4		3/4		3/4		3/4		3/4	
2	3,677.13	2	3,872.24	2	4,064.90	2	4,246.69	2	4,425.26	2		2		2		2		2	
1/4	3,681.19	1/4	3,876.30	1/4	4,068.80	1/4	4,250.33	1/4	4,428.14	1/4		1/4		1/4		1/4		1/4	
1/2	3,685.26	1/2	3,880.37	1/2	4,072.70	1/2	4,253.97	1/2	4,431.03	1/2		1/2		1/2		1/2		1/2	
3/4	3,689.32	3/4	3,884.43	3/4	4,076.60	3/4	4,257.61	3/4	4,433.92	3/4		3/4		3/4		3/4		3/4	
3	3,693.39	3	3,888.50	3	4,080.50	3	4,261.24	3	4,436.81	3		3		3		3		3	
1/4	3,697.45	1/4	3,892.56	1/4	4,084.37	1/4	4,264.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,701.52	1/2	3,896.63	1/2	4,088.25	1/2	4,268.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,705.58	3/4	3,900.69	3/4	4,092.12	3/4	4,272.11	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,709.65	4	3,904.76	4	4,095.99	4	4,275.73	4		4		4		4		4		4	
1/4	3,713.71	1/4	3,908.82	1/4	4,099.84	1/4	4,279.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,717.78	1/2	3,912.89	1/2	4,103.69	1/2	4,282.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,721.84	3/4	3,916.95	3/4	4,107.54	3/4	4,286.53	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,725.90	5	3,921.02	5	4,111.39	5	4,290.14	5		5		5		5		5		5	
1/4	3,729.97	1/4	3,925.08	1/4	4,115.22	1/4	4,293.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,734.03	1/2	3,929.14	1/2	4,119.05	1/2	4,297.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,738.10	3/4	3,933.21	3/4	4,122.89	3/4	4,300.89	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,742.16	6	3,937.27	6	4,126.72	6	4,304.47	6		6		6		6		6		6	
1/4	3,746.23	1/4	3,941.32	1/4	4,130.53	1/4	4,308.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,750.29	1/2	3,945.38	1/2	4,134.35	1/2	4,311.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,754.36	3/4	3,949.43	3/4	4,138.16	3/4	4,315.17	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,758.42	7	3,953.48	7	4,141.98	7	4,318.74	7		7		7		7		7		7	
1/4	3,762.49	1/4	3,957.52	1/4	4,145.77	1/4	4,322.28	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,766.55	1/2	3,961.56	1/2	4,149.57	1/2	4,325.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,770.62	3/4	3,965.59	3/4	4,153.36	3/4	4,329.37	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,774.68	8	3,969.63	8	4,157.16	8	4,332.91	8		8		8		8		8		8	
1/4	3,778.75	1/4	3,973.65	1/4	4,160.94	1/4	4,336.44	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,782.81	1/2	3,977.66	1/2	4,164.72	1/2	4,339.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,786.88	3/4	3,981.68	3/4	4,168.50	3/4	4,343.50	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,790.94	9	3,985.70	9	4,172.27	9	4,347.03	9		9		9		9		9		9	
1/4	3,795.01	1/4	3,989.70	1/4	4,176.03	1/4	4,350.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,799.07	1/2	3,993.70	1/2	4,179.79	1/2	4,354.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,803.14	3/4	3,997.69	3/4	4,183.55	3/4	4,357.96	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,807.20	10	4,001.69	10	4,187.31	10	4,361.60	10		10		10		10		10		10	
1/4	3,811.27	1/4	4,005.67	1/4	4,191.06	1/4	4,365.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,815.33	1/2	4,009.65	1/2	4,194.80	1/2	4,369.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,819.40	3/4	4,013.62	3/4	4,198.54	3/4	4,373.68	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,823.46	11	4,017.60	11	4,202.28	11	4,377.70	11		11		11		11		11		11	
1/4	3,827.52	1/4	4,021.56	1/4	4,206.01	1/4	4,381.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,831.59	1/2	4,025.52	1/2	4,209.73	1/2	4,385.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,835.65	3/4	4,029.48	3/4	4,213.45	3/4	4,389.78	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/04/2014 SW  
CALCULATED: 06/04/2014 CL  
PRINTED: 06/06/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2014

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



# BARGE "CTCO 328"

# FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-09 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,625	0	3,250	0	4,875	0	6,501	0	8,126	0	9,751	0		0		0	
1/4	34	1/4	1,659	1/4	3,284	1/4	4,909	1/4	6,534	1/4	8,160	1/4	9,785	1/4		1/4		1/4	
1/2	68	1/2	1,693	1/2	3,318	1/2	4,943	1/2	6,568	1/2	8,193	1/2	9,819	1/2		1/2		1/2	
3/4	102	3/4	1,727	3/4	3,352	3/4	4,977	3/4	6,602	3/4	8,227	3/4	9,852	3/4		3/4		3/4	
1	135	1	1,761	1	3,386	1	5,011	1	6,636	1	8,261	1	9,886	1		1		1	
1/4	169	1/4	1,794	1/4	3,420	1/4	5,045	1/4	6,670	1/4	8,295	1/4	9,920	1/4		1/4		1/4	
1/2	203	1/2	1,828	1/2	3,453	1/2	5,079	1/2	6,704	1/2	8,329	1/2	9,954	1/2		1/2		1/2	
3/4	237	3/4	1,862	3/4	3,487	3/4	5,112	3/4	6,738	3/4	8,363	3/4	9,988	3/4		3/4		3/4	
2	271	2	1,896	2	3,521	2	5,146	2	6,771	2	8,397	2	10,022	2		2		2	
1/4	305	1/4	1,930	1/4	3,555	1/4	5,180	1/4	6,805	1/4	8,430	1/4	10,056	1/4		1/4		1/4	
1/2	339	1/2	1,964	1/2	3,589	1/2	5,214	1/2	6,839	1/2	8,464	1/2	10,089	1/2		1/2		1/2	
3/4	372	3/4	1,998	3/4	3,623	3/4	5,248	3/4	6,873	3/4	8,498	3/4		3/4		3/4		3/4	
3	406	3	2,031	3	3,657	3	5,282	3	6,907	3	8,532	3		3		3		3	
1/4	440	1/4	2,065	1/4	3,690	1/4	5,316	1/4	6,941	1/4	8,566	1/4		1/4		1/4		1/4	
1/2	474	1/2	2,099	1/2	3,724	1/2	5,349	1/2	6,975	1/2	8,600	1/2		1/2		1/2		1/2	
3/4	508	3/4	2,133	3/4	3,758	3/4	5,383	3/4	7,008	3/4	8,634	3/4		3/4		3/4		3/4	
4	542	4	2,167	4	3,792	4	5,417	4	7,042	4	8,667	4		4		4		4	
1/4	576	1/4	2,201	1/4	3,826	1/4	5,451	1/4	7,076	1/4	8,701	1/4		1/4		1/4		1/4	
1/2	609	1/2	2,235	1/2	3,860	1/2	5,485	1/2	7,110	1/2	8,735	1/2		1/2		1/2		1/2	
3/4	643	3/4	2,268	3/4	3,894	3/4	5,519	3/4	7,144	3/4	8,769	3/4		3/4		3/4		3/4	
5	677	5	2,302	5	3,927	5	5,553	5	7,178	5	8,803	5		5		5		5	
1/4	711	1/4	2,336	1/4	3,961	1/4	5,586	1/4	7,212	1/4	8,837	1/4		1/4		1/4		1/4	
1/2	745	1/2	2,370	1/2	3,995	1/2	5,620	1/2	7,245	1/2	8,871	1/2		1/2		1/2		1/2	
3/4	779	3/4	2,404	3/4	4,029	3/4	5,654	3/4	7,279	3/4	8,904	3/4		3/4		3/4		3/4	
6	813	6	2,438	6	4,063	6	5,688	6	7,313	6	8,938	6		6		6		6	
1/4	846	1/4	2,472	1/4	4,097	1/4	5,722	1/4	7,347	1/4	8,972	1/4		1/4		1/4		1/4	
1/2	880	1/2	2,505	1/2	4,131	1/2	5,756	1/2	7,381	1/2	9,006	1/2		1/2		1/2		1/2	
3/4	914	3/4	2,539	3/4	4,164	3/4	5,790	3/4	7,415	3/4	9,040	3/4		3/4		3/4		3/4	
7	948	7	2,573	7	4,198	7	5,823	7	7,449	7	9,074	7		7		7		7	
1/4	982	1/4	2,607	1/4	4,232	1/4	5,857	1/4	7,482	1/4	9,108	1/4		1/4		1/4		1/4	
1/2	1,016	1/2	2,641	1/2	4,266	1/2	5,891	1/2	7,516	1/2	9,141	1/2		1/2		1/2		1/2	
3/4	1,050	3/4	2,675	3/4	4,300	3/4	5,925	3/4	7,550	3/4	9,175	3/4		3/4		3/4		3/4	
8	1,083	8	2,709	8	4,334	8	5,959	8	7,584	8	9,209	8		8		8		8	
1/4	1,117	1/4	2,742	1/4	4,368	1/4	5,993	1/4	7,618	1/4	9,243	1/4		1/4		1/4		1/4	
1/2	1,151	1/2	2,776	1/2	4,401	1/2	6,027	1/2	7,652	1/2	9,277	1/2		1/2		1/2		1/2	
3/4	1,185	3/4	2,810	3/4	4,435	3/4	6,060	3/4	7,686	3/4	9,311	3/4		3/4		3/4		3/4	
9	1,219	9	2,844	9	4,469	9	6,094	9	7,719	9	9,345	9		9		9		9	
1/4	1,253	1/4	2,878	1/4	4,503	1/4	6,128	1/4	7,753	1/4	9,378	1/4		1/4		1/4		1/4	
1/2	1,287	1/2	2,912	1/2	4,537	1/2	6,162	1/2	7,787	1/2	9,412	1/2		1/2		1/2		1/2	
3/4	1,320	3/4	2,946	3/4	4,571	3/4	6,196	3/4	7,821	3/4	9,446	3/4		3/4		3/4		3/4	
10	1,354	10	2,979	10	4,605	10	6,230	10	7,855	10	9,480	10		10		10		10	
1/4	1,388	1/4	3,013	1/4	4,638	1/4	6,264	1/4	7,889	1/4	9,514	1/4		1/4		1/4		1/4	
1/2	1,422	1/2	3,047	1/2	4,672	1/2	6,297	1/2	7,923	1/2	9,548	1/2		1/2		1/2		1/2	
3/4	1,456	3/4	3,081	3/4	4,706	3/4	6,331	3/4	7,956	3/4	9,582	3/4		3/4		3/4		3/4	
11	1,490	11	3,115	11	4,740	11	6,365	11	7,990	11	9,615	11		11		11		11	
1/4	1,524	1/4	3,149	1/4	4,774	1/4	6,399	1/4	8,024	1/4	9,649	1/4		1/4		1/4		1/4	
1/2	1,557	1/2	3,183	1/2	4,808	1/2	6,433	1/2	8,058	1/2	9,683	1/2		1/2		1/2		1/2	
3/4	1,591	3/4	3,216	3/4	4,842	3/4	6,467	3/4	8,092	3/4	9,717	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 PIPE.

STRAPPED: 06/04/2014 SW  
CALCULATED: 06/05/2014 CL  
PRINTED: 06/06/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2014

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