



BARGE "CTCO 253"

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	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2
1 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2
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	00-3/8	- 00-3/8	00-1/2	- 00-1/2
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	00-3/8	- 00-3/8	00-1/2	- 00-1/2
3 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	00-1/2	- 00-1/2	00-1/2	- 00-1/2
3 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	00-1/2	- 00-1/2	00-1/2	- 00-1/2

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 252'-09"

June 3, 2013

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTCO 253"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,328.04	0	3,660.01	0	3,991.98	0	4,323.50	0	4,643.85	0	4,946.42	0		0		0		0	
1/4	3,334.96	1/4	3,666.92	1/4	3,998.89	1/4	4,330.32	1/4	4,650.31	1/4	4,952.54	1/4		1/4		1/4		1/4	
1/2	3,341.87	1/2	3,673.84	1/2	4,005.81	1/2	4,337.15	1/2	4,656.78	1/2	4,958.66	1/2		1/2		1/2		1/2	
3/4	3,348.79	3/4	3,680.76	3/4	4,012.72	3/4	4,343.98	3/4	4,663.24	3/4	4,964.79	3/4		3/4		3/4		3/4	
1	3,355.70	1	3,687.67	1	4,019.64	1	4,350.80	1	4,669.71	1	4,970.91	1		1		1		1	
1/4	3,362.62	1/4	3,694.59	1/4	4,026.56	1/4	4,357.60	1/4	4,676.13	1/4	4,977.01	1/4		1/4		1/4		1/4	
1/2	3,369.54	1/2	3,701.50	1/2	4,033.47	1/2	4,364.40	1/2	4,682.56	1/2	4,983.10	1/2		1/2		1/2		1/2	
3/4	3,376.45	3/4	3,708.42	3/4	4,040.39	3/4	4,371.20	3/4	4,688.99	3/4	4,989.20	3/4		3/4		3/4		3/4	
2	3,383.37	2	3,715.34	2	4,047.30	2	4,378.00	2	4,695.41	2	4,995.29	2		2		2		2	
1/4	3,390.28	1/4	3,722.25	1/4	4,054.22	1/4	4,384.77	1/4	4,701.81	1/4	5,001.36	1/4		1/4		1/4		1/4	
1/2	3,397.20	1/2	3,729.17	1/2	4,061.14	1/2	4,391.54	1/2	4,708.21	1/2	5,007.43	1/2		1/2		1/2		1/2	
3/4	3,404.12	3/4	3,736.08	3/4	4,068.05	3/4	4,398.31	3/4	4,714.61	3/4	5,013.49	3/4		3/4		3/4		3/4	
3	3,411.03	3	3,743.00	3	4,074.97	3	4,405.08	3	4,721.01	3	5,019.56	3		3		3		3	
1/4	3,417.95	1/4	3,749.92	1/4	4,081.88	1/4	4,411.82	1/4	4,727.38	1/4	5,025.56	1/4		1/4		1/4		1/4	
1/2	3,424.86	1/2	3,756.83	1/2	4,088.80	1/2	4,418.56	1/2	4,733.76	1/2	5,031.56	1/2		1/2		1/2		1/2	
3/4	3,431.78	3/4	3,763.75	3/4	4,095.72	3/4	4,425.31	3/4	4,740.13	3/4	5,037.56	3/4		3/4		3/4		3/4	
4	3,438.70	4	3,770.66	4	4,102.63	4	4,432.05	4	4,746.50	4	5,043.56	4		4		4		4	
1/4	3,445.61	1/4	3,777.58	1/4	4,109.55	1/4	4,438.77	1/4	4,752.84	1/4	5,049.51	1/4		1/4		1/4		1/4	
1/2	3,452.53	1/2	3,784.50	1/2	4,116.46	1/2	4,445.48	1/2	4,759.19	1/2	5,055.47	1/2		1/2		1/2		1/2	
3/4	3,459.44	3/4	3,791.41	3/4	4,123.38	3/4	4,452.20	3/4	4,765.53	3/4	5,061.43	3/4		3/4		3/4		3/4	
5	3,466.36	5	3,798.33	5	4,130.30	5	4,458.91	5	4,771.88	5	5,067.39	5		5		5		5	
1/4	3,473.28	1/4	3,805.24	1/4	4,137.21	1/4	4,465.60	1/4	4,778.19	1/4	5,073.32	1/4		1/4		1/4		1/4	
1/2	3,480.19	1/2	3,812.16	1/2	4,144.13	1/2	4,472.29	1/2	4,784.51	1/2	5,079.25	1/2		1/2		1/2		1/2	
3/4	3,487.11	3/4	3,819.08	3/4	4,151.04	3/4	4,478.98	3/4	4,790.83	3/4	5,085.18	3/4		3/4		3/4		3/4	
6	3,494.02	6	3,825.99	6	4,157.96	6	4,485.66	6	4,797.14	6	5,091.11	6		6		6		6	
1/4	3,500.94	1/4	3,832.91	1/4	4,164.88	1/4	4,492.32	1/4	4,803.43	1/4	5,097.01	1/4		1/4		1/4		1/4	
1/2	3,507.86	1/2	3,839.82	1/2	4,171.79	1/2	4,498.98	1/2	4,809.72	1/2	5,102.91	1/2		1/2		1/2		1/2	
3/4	3,514.77	3/4	3,846.74	3/4	4,178.71	3/4	4,505.64	3/4	4,816.01	3/4	5,108.82	3/4		3/4		3/4		3/4	
7	3,521.69	7	3,853.66	7	4,185.62	7	4,512.30	7	4,822.30	7	5,114.72	7		7		7		7	
1/4	3,528.60	1/4	3,860.57	1/4	4,192.54	1/4	4,518.94	1/4	4,828.56	1/4	5,120.08	1/4		1/4		1/4		1/4	
1/2	3,535.52	1/2	3,867.49	1/2	4,199.46	1/2	4,525.57	1/2	4,834.82	1/2	5,125.44	1/2		1/2		1/2		1/2	
3/4	3,542.44	3/4	3,874.40	3/4	4,206.37	3/4	4,532.20	3/4	4,841.08	3/4	5,130.79	3/4		3/4		3/4		3/4	
8	3,549.35	8	3,881.32	8	4,213.29	8	4,538.83	8	4,847.34	8	5,136.15	8		8		8		8	
1/4	3,556.27	1/4	3,888.24	1/4	4,220.20	1/4	4,545.44	1/4	4,853.58	1/4	5,141.03	1/4		1/4		1/4		1/4	
1/2	3,563.18	1/2	3,895.15	1/2	4,227.12	1/2	4,552.04	1/2	4,859.81	1/2	5,145.92	1/2		1/2		1/2		1/2	
3/4	3,570.10	3/4	3,902.07	3/4	4,234.04	3/4	4,558.65	3/4	4,866.05	3/4		3/4		3/4		3/4		3/4	
9	3,577.02	9	3,908.98	9	4,240.95	9	4,565.25	9	4,872.28	9		9		9		9		9	
1/4	3,583.93	1/4	3,915.90	1/4	4,247.85	1/4	4,571.83	1/4	4,878.48	1/4		1/4		1/4		1/4		1/4	
1/2	3,590.85	1/2	3,922.82	1/2	4,254.75	1/2	4,578.41	1/2	4,884.69	1/2		1/2		1/2		1/2		1/2	
3/4	3,597.76	3/4	3,929.73	3/4	4,261.66	3/4	4,584.98	3/4	4,890.90	3/4		3/4		3/4		3/4		3/4	
10	3,604.68	10	3,936.65	10	4,268.56	10	4,591.56	10	4,897.10	10		10		10		10		10	
1/4	3,611.60	1/4	3,943.56	1/4	4,275.44	1/4	4,598.11	1/4	4,903.28	1/4		1/4		1/4		1/4		1/4	
1/2	3,618.51	1/2	3,950.48	1/2	4,282.32	1/2	4,604.66	1/2	4,909.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,625.43	3/4	3,957.40	3/4	4,289.20	3/4	4,611.21	3/4	4,915.64	3/4		3/4		3/4		3/4		3/4	
11	3,632.34	11	3,964.31	11	4,296.08	11	4,617.76	11	4,921.82	11		11		11		11		11	
1/4	3,639.26	1/4	3,971.23	1/4	4,302.94	1/4	4,624.28	1/4	4,927.97	1/4		1/4		1/4		1/4		1/4	
1/2	3,646.18	1/2	3,978.14	1/2	4,309.79	1/2	4,630.80	1/2	4,934.12	1/2		1/2		1/2		1/2		1/2	
3/4	3,653.09	3/4	3,985.06	3/4	4,316.64	3/4	4,637.33	3/4	4,940.27	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/03/2013 SW - CL
CALCULATED: 06/03/2013 CL
PRINTED: 06/04/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "CTCO 253"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08 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	3,325.02	0	3,656.87	0	3,988.72	0	4,320.12	0	4,640.36	0	4,942.82	0		0		0		0	
1/4	3,331.93	1/4	3,663.78	1/4	3,995.63	1/4	4,326.95	1/4	4,646.82	1/4	4,948.94	1/4		1/4		1/4		1/4	
1/2	3,338.85	1/2	3,670.70	1/2	4,002.54	1/2	4,333.77	1/2	4,653.28	1/2	4,955.06	1/2		1/2		1/2		1/2	
3/4	3,345.76	3/4	3,677.61	3/4	4,009.46	3/4	4,340.59	3/4	4,659.75	3/4	4,961.18	3/4		3/4		3/4		3/4	
1	3,352.67	1	3,684.52	1	4,016.37	1	4,347.42	1	4,666.21	1	4,967.30	1		1		1		1	
1/4	3,359.59	1/4	3,691.44	1/4	4,023.28	1/4	4,354.21	1/4	4,672.63	1/4	4,973.40	1/4		1/4		1/4		1/4	
1/2	3,366.50	1/2	3,698.35	1/2	4,030.20	1/2	4,361.01	1/2	4,679.06	1/2	4,979.49	1/2		1/2		1/2		1/2	
3/4	3,373.41	3/4	3,705.26	3/4	4,037.11	3/4	4,367.81	3/4	4,685.48	3/4	4,985.58	3/4		3/4		3/4		3/4	
2	3,380.33	2	3,712.18	2	4,044.02	2	4,374.60	2	4,691.91	2	4,991.68	2		2		2		2	
1/4	3,387.24	1/4	3,719.09	1/4	4,050.94	1/4	4,381.37	1/4	4,698.30	1/4	4,997.74	1/4		1/4		1/4		1/4	
1/2	3,394.16	1/2	3,726.00	1/2	4,057.85	1/2	4,388.14	1/2	4,704.70	1/2	5,003.81	1/2		1/2		1/2		1/2	
3/4	3,401.07	3/4	3,732.92	3/4	4,064.76	3/4	4,394.91	3/4	4,711.10	3/4	5,009.87	3/4		3/4		3/4		3/4	
3	3,407.98	3	3,739.83	3	4,071.68	3	4,401.67	3	4,717.50	3	5,015.94	3		3		3		3	
1/4	3,414.90	1/4	3,746.74	1/4	4,078.59	1/4	4,408.42	1/4	4,723.87	1/4	5,021.94	1/4		1/4		1/4		1/4	
1/2	3,421.81	1/2	3,753.66	1/2	4,085.51	1/2	4,415.16	1/2	4,730.24	1/2	5,027.93	1/2		1/2		1/2		1/2	
3/4	3,428.72	3/4	3,760.57	3/4	4,092.42	3/4	4,421.90	3/4	4,736.61	3/4	5,033.93	3/4		3/4		3/4		3/4	
4	3,435.64	4	3,767.48	4	4,099.33	4	4,428.64	4	4,742.98	4	5,039.93	4		4		4		4	
1/4	3,442.55	1/4	3,774.40	1/4	4,106.25	1/4	4,435.35	1/4	4,749.32	1/4	5,045.88	1/4		1/4		1/4		1/4	
1/2	3,449.46	1/2	3,781.31	1/2	4,113.16	1/2	4,442.06	1/2	4,755.66	1/2	5,051.84	1/2		1/2		1/2		1/2	
3/4	3,456.38	3/4	3,788.22	3/4	4,120.07	3/4	4,448.78	3/4	4,762.00	3/4	5,057.79	3/4		3/4		3/4		3/4	
5	3,463.29	5	3,795.14	5	4,126.99	5	4,455.49	5	4,768.34	5	5,063.75	5		5		5		5	
1/4	3,470.20	1/4	3,802.05	1/4	4,133.90	1/4	4,462.18	1/4	4,774.66	1/4	5,069.67	1/4		1/4		1/4		1/4	
1/2	3,477.12	1/2	3,808.97	1/2	4,140.81	1/2	4,468.86	1/2	4,780.97	1/2	5,075.60	1/2		1/2		1/2		1/2	
3/4	3,484.03	3/4	3,815.88	3/4	4,147.73	3/4	4,475.55	3/4	4,787.29	3/4	5,081.53	3/4		3/4		3/4		3/4	
6	3,490.94	6	3,822.79	6	4,154.64	6	4,482.23	6	4,793.60	6	5,087.46	6		6		6		6	
1/4	3,497.86	1/4	3,829.71	1/4	4,161.55	1/4	4,488.89	1/4	4,799.89	1/4	5,093.36	1/4		1/4		1/4		1/4	
1/2	3,504.77	1/2	3,836.62	1/2	4,168.47	1/2	4,495.55	1/2	4,806.17	1/2	5,099.26	1/2		1/2		1/2		1/2	
3/4	3,511.68	3/4	3,843.53	3/4	4,175.38	3/4	4,502.20	3/4	4,812.46	3/4	5,105.16	3/4		3/4		3/4		3/4	
7	3,518.60	7	3,850.45	7	4,182.29	7	4,508.86	7	4,818.75	7	5,111.07	7		7		7		7	
1/4	3,525.51	1/4	3,857.36	1/4	4,189.21	1/4	4,515.49	1/4	4,825.01	1/4	5,116.42	1/4		1/4		1/4		1/4	
1/2	3,532.43	1/2	3,864.27	1/2	4,196.12	1/2	4,522.12	1/2	4,831.26	1/2	5,121.78	1/2		1/2		1/2		1/2	
3/4	3,539.34	3/4	3,871.19	3/4	4,203.03	3/4	4,528.75	3/4	4,837.52	3/4	5,127.13	3/4		3/4		3/4		3/4	
8	3,546.25	8	3,878.10	8	4,209.95	8	4,535.38	8	4,843.78	8	5,132.48	8		8		8		8	
1/4	3,553.17	1/4	3,885.01	1/4	4,216.86	1/4	4,541.99	1/4	4,850.01	1/4	5,137.37	1/4		1/4		1/4		1/4	
1/2	3,560.08	1/2	3,891.93	1/2	4,223.78	1/2	4,548.59	1/2	4,856.25	1/2	5,142.25	1/2		1/2		1/2		1/2	
3/4	3,566.99	3/4	3,898.84	3/4	4,230.69	3/4	4,555.19	3/4	4,862.48	3/4		3/4		3/4		3/4		3/4	
9	3,573.91	9	3,905.75	9	4,237.60	9	4,561.79	9	4,868.71	9		9		9		9		9	
1/4	3,580.82	1/4	3,912.67	1/4	4,244.50	1/4	4,568.37	1/4	4,874.91	1/4		1/4		1/4		1/4		1/4	
1/2	3,587.73	1/2	3,919.58	1/2	4,251.40	1/2	4,574.94	1/2	4,881.12	1/2		1/2		1/2		1/2		1/2	
3/4	3,594.65	3/4	3,926.49	3/4	4,258.30	3/4	4,581.52	3/4	4,887.32	3/4		3/4		3/4		3/4		3/4	
10	3,601.56	10	3,933.41	10	4,265.20	10	4,588.09	10	4,893.52	10		10		10		10		10	
1/4	3,608.47	1/4	3,940.32	1/4	4,272.08	1/4	4,594.64	1/4	4,899.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,615.39	1/2	3,947.24	1/2	4,278.96	1/2	4,601.19	1/2	4,905.88	1/2		1/2		1/2		1/2		1/2	
3/4	3,622.30	3/4	3,954.15	3/4	4,285.84	3/4	4,607.73	3/4	4,912.05	3/4		3/4		3/4		3/4		3/4	
11	3,629.21	11	3,961.06	11	4,292.72	11	4,614.28	11	4,918.23	11		11		11		11		11	
1/4	3,636.13	1/4	3,967.98	1/4	4,299.57	1/4	4,620.80	1/4	4,924.38	1/4		1/4		1/4		1/4		1/4	
1/2	3,643.04	1/2	3,974.89	1/2	4,306.42	1/2	4,627.32	1/2	4,930.52	1/2		1/2		1/2		1/2		1/2	
3/4	3,649.95	3/4	3,981.80	3/4	4,313.27	3/4	4,633.84	3/4	4,936.67	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/03/2013 SW - CL
CALCULATED: 06/03/2013 CL
PRINTED: 06/04/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2013

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



BARGE "CTCO 253"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-09"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	3,315.78	0	3,646.51	0	3,977.24	0	4,307.55	0	4,626.71	0	4,928.15	0		0		0		0	
1/4	3,322.67	1/4	3,653.40	1/4	3,984.13	1/4	4,314.35	1/4	4,633.15	1/4	4,934.25	1/4	1/4	1/4		1/4		1/4	
1/2	3,329.56	1/2	3,660.29	1/2	3,991.02	1/2	4,321.15	1/2	4,639.59	1/2	4,940.35	1/2	1/2	1/2		1/2		1/2	
3/4	3,336.45	3/4	3,667.18	3/4	3,997.91	3/4	4,327.95	3/4	4,646.03	3/4	4,946.45	3/4	3/4	3/4		3/4		3/4	
1	3,343.34	1	3,674.07	1	4,004.80	1	4,334.75	1	4,652.47	1	4,952.55	1	1	1		1		1	
1/4	3,350.23	1/4	3,680.96	1/4	4,011.69	1/4	4,341.53	1/4	4,658.88	1/4	4,958.63	1/4	1/4	1/4		1/4		1/4	
1/2	3,357.12	1/2	3,687.85	1/2	4,018.58	1/2	4,348.30	1/2	4,665.28	1/2	4,964.70	1/2	1/2	1/2		1/2		1/2	
3/4	3,364.01	3/4	3,694.74	3/4	4,025.47	3/4	4,355.07	3/4	4,671.68	3/4	4,970.77	3/4	3/4	3/4		3/4		3/4	
2	3,370.90	2	3,701.63	2	4,032.36	2	4,361.84	2	4,678.08	2	4,976.84	2	2	2		2		2	
1/4	3,377.79	1/4	3,708.52	1/4	4,039.25	1/4	4,368.59	1/4	4,684.46	1/4	4,982.89	1/4	1/4	1/4		1/4		1/4	
1/2	3,384.68	1/2	3,715.41	1/2	4,046.14	1/2	4,375.34	1/2	4,690.84	1/2	4,988.93	1/2	1/2	1/2		1/2		1/2	
3/4	3,391.57	3/4	3,722.30	3/4	4,053.03	3/4	4,382.08	3/4	4,697.21	3/4	4,994.98	3/4	3/4	3/4		3/4		3/4	
3	3,398.46	3	3,729.19	3	4,059.92	3	4,388.83	3	4,703.59	3	5,001.02	3	3	3		3		3	
1/4	3,405.35	1/4	3,736.08	1/4	4,066.81	1/4	4,395.54	1/4	4,709.94	1/4	5,007.00	1/4	1/4	1/4		1/4		1/4	
1/2	3,412.24	1/2	3,742.97	1/2	4,073.70	1/2	4,402.26	1/2	4,716.28	1/2	5,012.98	1/2	1/2	1/2		1/2		1/2	
3/4	3,419.13	3/4	3,749.86	3/4	4,080.59	3/4	4,408.98	3/4	4,722.63	3/4	5,018.95	3/4	3/4	3/4		3/4		3/4	
4	3,426.02	4	3,756.75	4	4,087.48	4	4,415.70	4	4,728.98	4	5,024.93	4	4	4		4		4	
1/4	3,432.92	1/4	3,763.64	1/4	4,094.37	1/4	4,422.39	1/4	4,735.30	1/4	5,030.86	1/4	1/4	1/4		1/4		1/4	
1/2	3,439.81	1/2	3,770.53	1/2	4,101.26	1/2	4,429.08	1/2	4,741.62	1/2	5,036.80	1/2	1/2	1/2		1/2		1/2	
3/4	3,446.70	3/4	3,777.43	3/4	4,108.15	3/4	4,435.77	3/4	4,747.94	3/4	5,042.73	3/4	3/4	3/4		3/4		3/4	
5	3,453.59	5	3,784.32	5	4,115.04	5	4,442.46	5	4,754.26	5	5,048.67	5	5	5		5		5	
1/4	3,460.48	1/4	3,791.21	1/4	4,121.94	1/4	4,449.12	1/4	4,760.56	1/4	5,054.58	1/4	1/4	1/4		1/4		1/4	
1/2	3,467.37	1/2	3,798.10	1/2	4,128.83	1/2	4,455.79	1/2	4,766.85	1/2	5,060.48	1/2	1/2	1/2		1/2		1/2	
3/4	3,474.26	3/4	3,804.99	3/4	4,135.72	3/4	4,462.45	3/4	4,773.14	3/4	5,066.39	3/4	3/4	3/4		3/4		3/4	
6	3,481.15	6	3,811.88	6	4,142.61	6	4,469.11	6	4,779.43	6	5,072.30	6	6	6		6		6	
1/4	3,488.04	1/4	3,818.77	1/4	4,149.50	1/4	4,475.75	1/4	4,785.70	1/4	5,078.18	1/4	1/4	1/4		1/4		1/4	
1/2	3,494.93	1/2	3,825.66	1/2	4,156.39	1/2	4,482.38	1/2	4,791.97	1/2	5,084.06	1/2	1/2	1/2		1/2		1/2	
3/4	3,501.82	3/4	3,832.55	3/4	4,163.28	3/4	4,489.02	3/4	4,798.23	3/4	5,089.95	3/4	3/4	3/4		3/4		3/4	
7	3,508.71	7	3,839.44	7	4,170.17	7	4,495.65	7	4,804.50	7	5,095.83	7	7	7		7		7	
1/4	3,515.60	1/4	3,846.33	1/4	4,177.06	1/4	4,502.26	1/4	4,810.73	1/4	5,101.17	1/4	1/4	1/4		1/4		1/4	
1/2	3,522.49	1/2	3,853.22	1/2	4,183.95	1/2	4,508.87	1/2	4,816.97	1/2	5,106.50	1/2	1/2	1/2		1/2		1/2	
3/4	3,529.38	3/4	3,860.11	3/4	4,190.84	3/4	4,515.48	3/4	4,823.21	3/4	5,111.84	3/4	3/4	3/4		3/4		3/4	
8	3,536.27	8	3,867.00	8	4,197.73	8	4,522.09	8	4,829.45	8	5,117.18	8	8	8		8		8	
1/4	3,543.16	1/4	3,873.89	1/4	4,204.62	1/4	4,528.67	1/4	4,835.66	1/4	5,122.05	1/4	1/4	1/4		1/4		1/4	
1/2	3,550.05	1/2	3,880.78	1/2	4,211.51	1/2	4,535.25	1/2	4,841.87	1/2	5,126.91	1/2	1/2	1/2		1/2		1/2	
3/4	3,556.94	3/4	3,887.67	3/4	4,218.40	3/4	4,541.83	3/4	4,848.08	3/4		3/4	3/4	3/4		3/4		3/4	
9	3,563.83	9	3,894.56	9	4,225.29	9	4,548.41	9	4,854.29	9		9	9	9		9		9	
1/4	3,570.72	1/4	3,901.45	1/4	4,232.17	1/4	4,554.96	1/4	4,860.47	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	3,577.61	1/2	3,908.34	1/2	4,239.05	1/2	4,561.51	1/2	4,866.66	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	3,584.50	3/4	3,915.23	3/4	4,245.93	3/4	4,568.07	3/4	4,872.84	3/4		3/4	3/4	3/4		3/4		3/4	
10	3,591.39	10	3,922.12	10	4,252.81	10	4,574.62	10	4,879.02	10		10	10	10		10		10	
1/4	3,598.28	1/4	3,929.01	1/4	4,259.67	1/4	4,581.14	1/4	4,885.18	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	3,605.17	1/2	3,935.90	1/2	4,266.52	1/2	4,587.67	1/2	4,891.33	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	3,612.06	3/4	3,942.79	3/4	4,273.38	3/4	4,594.19	3/4	4,897.49	3/4		3/4	3/4	3/4		3/4		3/4	
11	3,618.95	11	3,949.68	11	4,280.24	11	4,600.72	11	4,903.64	11		11	11	11		11		11	
1/4	3,625.84	1/4	3,956.57	1/4	4,287.06	1/4	4,607.22	1/4	4,909.77	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	3,632.73	1/2	3,963.46	1/2	4,293.89	1/2	4,613.71	1/2	4,915.90	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	3,639.62	3/4	3,970.35	3/4	4,300.72	3/4	4,620.21	3/4	4,922.02	3/4		3/4	3/4	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/03/2013 SW - CL
CALCULATED: 06/03/2013 CL
PRINTED: 06/04/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2013

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



BARGE "CTCO 253"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08 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	3,231.07	0	3,561.80	0	3,892.53	0	4,223.26	0	4,553.99	0	4,882.88	0		0		0		0	
1/4	3,237.96	1/4	3,568.69	1/4	3,899.42	1/4	4,230.15	1/4	4,560.85	1/4	4,889.73	1/4		1/4		1/4		1/4	
1/2	3,244.85	1/2	3,575.58	1/2	3,906.31	1/2	4,237.04	1/2	4,567.72	1/2	4,896.58	1/2		1/2		1/2		1/2	
3/4	3,251.74	3/4	3,582.47	3/4	3,913.20	3/4	4,243.93	3/4	4,574.58	3/4	4,903.43	3/4		3/4		3/4		3/4	
1	3,258.63	1	3,589.36	1	3,920.09	1	4,250.82	1	4,581.44	1	4,910.28	1		1		1		1	
1/4	3,265.52	1/4	3,596.25	1/4	3,926.98	1/4	4,257.71	1/4	4,588.29	1/4	4,917.13	1/4		1/4		1/4		1/4	
1/2	3,272.41	1/2	3,603.14	1/2	3,933.87	1/2	4,264.60	1/2	4,595.14	1/2	4,923.98	1/2		1/2		1/2		1/2	
3/4	3,279.30	3/4	3,610.03	3/4	3,940.76	3/4	4,271.49	3/4	4,601.99	3/4	4,930.84	3/4		3/4		3/4		3/4	
2	3,286.19	2	3,616.92	2	3,947.65	2	4,278.38	2	4,608.84	2	4,937.69	2		2		2		2	
1/4	3,293.08	1/4	3,623.81	1/4	3,954.54	1/4	4,285.27	1/4	4,615.69	1/4	4,944.54	1/4		1/4		1/4		1/4	
1/2	3,299.97	1/2	3,630.70	1/2	3,961.43	1/2	4,292.16	1/2	4,622.55	1/2	4,951.39	1/2		1/2		1/2		1/2	
3/4	3,306.86	3/4	3,637.59	3/4	3,968.32	3/4	4,299.05	3/4	4,629.40	3/4	4,958.24	3/4		3/4		3/4		3/4	
3	3,313.76	3	3,644.48	3	3,975.21	3	4,305.94	3	4,636.25	3	4,965.09	3		3		3		3	
1/4	3,320.65	1/4	3,651.37	1/4	3,982.10	1/4	4,312.83	1/4	4,643.10	1/4	4,971.90	1/4		1/4		1/4		1/4	
1/2	3,327.54	1/2	3,658.27	1/2	3,988.99	1/2	4,319.72	1/2	4,649.95	1/2	4,978.71	1/2		1/2		1/2		1/2	
3/4	3,334.43	3/4	3,665.16	3/4	3,995.88	3/4	4,326.61	3/4	4,656.80	3/4	4,985.52	3/4		3/4		3/4		3/4	
4	3,341.32	4	3,672.05	4	4,002.78	4	4,333.50	4	4,663.65	4	4,992.33	4		4		4		4	
1/4	3,348.21	1/4	3,678.94	1/4	4,009.67	1/4	4,340.39	1/4	4,670.50	1/4	4,999.12	1/4		1/4		1/4		1/4	
1/2	3,355.10	1/2	3,685.83	1/2	4,016.56	1/2	4,347.29	1/2	4,677.35	1/2	5,005.92	1/2		1/2		1/2		1/2	
3/4	3,361.99	3/4	3,692.72	3/4	4,023.45	3/4	4,354.18	3/4	4,684.20	3/4	5,012.71	3/4		3/4		3/4		3/4	
5	3,368.88	5	3,699.61	5	4,030.34	5	4,361.07	5	4,691.05	5	5,019.51	5		5		5		5	
1/4	3,375.77	1/4	3,706.50	1/4	4,037.23	1/4	4,367.96	1/4	4,697.91	1/4	5,026.30	1/4		1/4		1/4		1/4	
1/2	3,382.66	1/2	3,713.39	1/2	4,044.12	1/2	4,374.85	1/2	4,704.76	1/2	5,033.10	1/2		1/2		1/2		1/2	
3/4	3,389.55	3/4	3,720.28	3/4	4,051.01	3/4	4,381.74	3/4	4,711.61	3/4	5,039.90	3/4		3/4		3/4		3/4	
6	3,396.44	6	3,727.17	6	4,057.90	6	4,388.63	6	4,718.46	6	5,046.69	6		6		6		6	
1/4	3,403.33	1/4	3,734.06	1/4	4,064.79	1/4	4,395.52	1/4	4,725.31	1/4	5,053.49	1/4		1/4		1/4		1/4	
1/2	3,410.22	1/2	3,740.95	1/2	4,071.68	1/2	4,402.41	1/2	4,732.16	1/2	5,060.29	1/2		1/2		1/2		1/2	
3/4	3,417.11	3/4	3,747.84	3/4	4,078.57	3/4	4,409.30	3/4	4,739.01	3/4	5,067.09	3/4		3/4		3/4		3/4	
7	3,424.00	7	3,754.73	7	4,085.46	7	4,416.19	7	4,745.86	7	5,073.89	7		7		7		7	
1/4	3,430.89	1/4	3,761.62	1/4	4,092.35	1/4	4,423.08	1/4	4,752.71	1/4	5,080.17	1/4		1/4		1/4		1/4	
1/2	3,437.78	1/2	3,768.51	1/2	4,099.24	1/2	4,429.97	1/2	4,759.56	1/2	5,086.45	1/2		1/2		1/2		1/2	
3/4	3,444.67	3/4	3,775.40	3/4	4,106.13	3/4	4,436.86	3/4	4,766.41	3/4	5,092.73	3/4		3/4		3/4		3/4	
8	3,451.56	8	3,782.29	8	4,113.02	8	4,443.75	8	4,773.27	8	5,099.01	8		8		8		8	
1/4	3,458.45	1/4	3,789.18	1/4	4,119.91	1/4	4,450.64	1/4	4,780.12	1/4	5,104.12	1/4		1/4		1/4		1/4	
1/2	3,465.34	1/2	3,796.07	1/2	4,126.80	1/2	4,457.53	1/2	4,786.97	1/2	5,109.22	1/2		1/2		1/2		1/2	
3/4	3,472.23	3/4	3,802.96	3/4	4,133.69	3/4	4,464.42	3/4	4,793.82	3/4		3/4		3/4		3/4		3/4	
9	3,479.12	9	3,809.85	9	4,140.58	9	4,471.31	9	4,800.67	9		9		9		9		9	
1/4	3,486.01	1/4	3,816.74	1/4	4,147.47	1/4	4,478.20	1/4	4,807.52	1/4		1/4		1/4		1/4		1/4	
1/2	3,492.90	1/2	3,823.63	1/2	4,154.36	1/2	4,485.09	1/2	4,814.37	1/2		1/2		1/2		1/2		1/2	
3/4	3,499.79	3/4	3,830.52	3/4	4,161.25	3/4	4,491.98	3/4	4,821.22	3/4		3/4		3/4		3/4		3/4	
10	3,506.68	10	3,837.41	10	4,168.14	10	4,498.87	10	4,828.07	10		10		10		10		10	
1/4	3,513.57	1/4	3,844.30	1/4	4,175.03	1/4	4,505.76	1/4	4,834.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,520.46	1/2	3,851.19	1/2	4,181.92	1/2	4,512.65	1/2	4,841.77	1/2		1/2		1/2		1/2		1/2	
3/4	3,527.35	3/4	3,858.08	3/4	4,188.81	3/4	4,519.54	3/4	4,848.63	3/4		3/4		3/4		3/4		3/4	
11	3,534.24	11	3,864.97	11	4,195.70	11	4,526.43	11	4,855.48	11		11		11		11		11	
1/4	3,541.13	1/4	3,871.86	1/4	4,202.59	1/4	4,533.32	1/4	4,862.33	1/4		1/4		1/4		1/4		1/4	
1/2	3,548.02	1/2	3,878.75	1/2	4,209.48	1/2	4,540.21	1/2	4,869.18	1/2		1/2		1/2		1/2		1/2	
3/4	3,554.91	3/4	3,885.64	3/4	4,216.37	3/4	4,547.10	3/4	4,876.03	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/03/2013 SW - CL
CALCULATED: 06/03/2013 CL
PRINTED: 06/04/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2013

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



BARGE "CTCO 253"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	3,300.40	0	3,611.05	0	3,812.90	0	4,014.46	0	4,208.36	0	4,389.49	0		0		0		0	
1/4	3,307.26	1/4	3,615.25	1/4	3,817.11	1/4	4,018.61	1/4	4,212.24	1/4	4,393.14	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,314.12	1/2	3,619.46	1/2	3,821.31	1/2	4,022.75	1/2	4,216.13	1/2	4,396.79	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,320.98	3/4	3,623.67	3/4	3,825.52	3/4	4,026.89	3/4	4,220.02	3/4	4,400.44	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,327.84	1	3,627.87	1	3,829.72	1	4,031.04	1	4,223.91	1	4,404.09	1	1	1	1	1	1	1	1
1/4	3,334.70	1/4	3,632.08	1/4	3,833.93	1/4	4,035.16	1/4	4,227.76	1/4	4,407.72	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,341.55	1/2	3,636.28	1/2	3,838.14	1/2	4,039.29	1/2	4,231.62	1/2	4,411.35	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,348.41	3/4	3,640.49	3/4	3,842.34	3/4	4,043.41	3/4	4,235.48	3/4	4,414.98	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,355.27	2	3,644.69	2	3,846.55	2	4,047.54	2	4,239.34	2	4,418.61	2	2	2	2	2	2	2	2
1/4	3,362.13	1/4	3,648.90	1/4	3,850.75	1/4	4,051.64	1/4	4,243.18	1/4	4,422.23	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,368.99	1/2	3,653.10	1/2	3,854.96	1/2	4,055.75	1/2	4,247.02	1/2	4,425.84	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,375.85	3/4	3,657.31	3/4	3,859.16	3/4	4,059.85	3/4	4,250.85	3/4	4,429.45	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,382.71	3	3,661.51	3	3,863.37	3	4,063.96	3	4,254.69	3	4,433.06	3	3	3	3	3	3	3	3
1/4	3,389.56	1/4	3,665.72	1/4	3,867.57	1/4	4,068.05	1/4	4,258.51	1/4	4,436.61	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,396.42	1/2	3,669.92	1/2	3,871.78	1/2	4,072.13	1/2	4,262.33	1/2	4,440.16	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,403.28	3/4	3,674.13	3/4	3,875.98	3/4	4,076.22	3/4	4,266.15	3/4	4,443.71	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,410.14	4	3,678.33	4	3,880.19	4	4,080.31	4	4,269.97	4	4,447.27	4	4	4	4	4	4	4	4
1/4	3,417.00	1/4	3,682.54	1/4	3,884.39	1/4	4,084.37	1/4	4,273.78	1/4	4,450.78	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,423.86	1/2	3,686.74	1/2	3,888.60	1/2	4,088.44	1/2	4,277.58	1/2	4,454.30	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,430.72	3/4	3,690.95	3/4	3,892.80	3/4	4,092.51	3/4	4,281.38	3/4	4,457.82	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,437.58	5	3,695.16	5	3,897.01	5	4,096.58	5	4,285.18	5	4,461.34	5	5	5	5	5	5	5	5
1/4	3,444.43	1/4	3,699.36	1/4	3,901.21	1/4	4,100.63	1/4	4,288.96	1/4	4,464.84	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,451.29	1/2	3,703.57	1/2	3,905.42	1/2	4,104.68	1/2	4,292.74	1/2	4,468.34	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,458.15	3/4	3,707.77	3/4	3,909.63	3/4	4,108.72	3/4	4,296.53	3/4	4,471.84	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,465.01	6	3,711.98	6	3,913.83	6	4,112.77	6	4,300.31	6	4,475.34	6	6	6	6	6	6	6	6
1/4	3,471.87	1/4	3,716.18	1/4	3,918.04	1/4	4,116.80	1/4	4,304.07	1/4	4,478.83	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,478.73	1/2	3,720.39	1/2	3,922.24	1/2	4,120.83	1/2	4,307.84	1/2	4,482.31	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,485.59	3/4	3,724.59	3/4	3,926.45	3/4	4,124.86	3/4	4,311.60	3/4	4,485.79	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,492.45	7	3,728.80	7	3,930.65	7	4,128.89	7	4,315.36	7	4,489.27	7	7	7	7	7	7	7	7
1/4	3,499.30	1/4	3,733.00	1/4	3,934.86	1/4	4,132.90	1/4	4,319.11	1/4	4,492.22	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,506.16	1/2	3,737.21	1/2	3,939.06	1/2	4,136.92	1/2	4,322.85	1/2	4,495.17	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,513.02	3/4	3,741.41	3/4	3,943.27	3/4	4,140.93	3/4	4,326.59	3/4	4,498.12	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,519.88	8	3,745.62	8	3,947.47	8	4,144.94	8	4,330.34	8	4,501.06	8	8	8	8	8	8	8	8
1/4	3,526.74	1/4	3,749.82	1/4	3,951.68	1/4	4,148.93	1/4	4,334.06	1/4	4,503.33	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,533.60	1/2	3,754.03	1/2	3,955.88	1/2	4,152.92	1/2	4,337.79	1/2	4,505.59	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,540.46	3/4	3,758.23	3/4	3,960.09	3/4	4,156.91	3/4	4,341.52	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,547.31	9	3,762.44	9	3,964.29	9	4,160.91	9	4,345.24	9		9	9	9	9	9	9	9	9
1/4	3,554.17	1/4	3,766.65	1/4	3,968.49	1/4	4,164.88	1/4	4,348.95	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,561.03	1/2	3,770.85	1/2	3,972.69	1/2	4,168.85	1/2	4,352.65	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,567.89	3/4	3,775.06	3/4	3,976.89	3/4	4,172.83	3/4	4,356.36	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,574.75	10	3,779.26	10	3,981.08	10	4,176.80	10	4,360.07	10		10	10	10	10	10	10	10	10
1/4	3,580.02	1/4	3,783.47	1/4	3,985.27	1/4	4,180.75	1/4	4,363.75	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,584.76	1/2	3,787.67	1/2	3,989.45	1/2	4,184.71	1/2	4,367.44	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,589.49	3/4	3,791.88	3/4	3,993.63	3/4	4,188.66	3/4	4,371.13	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,594.23	11	3,796.08	11	3,997.81	11	4,192.62	11	4,374.82	11		11	11	11	11	11	11	11	11
1/4	3,598.43	1/4	3,800.29	1/4	4,001.97	1/4	4,196.55	1/4	4,378.49	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,602.64	1/2	3,804.49	1/2	4,006.14	1/2	4,200.49	1/2	4,382.15	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,606.84	3/4	3,808.70	3/4	4,010.30	3/4	4,204.42	3/4	4,385.82	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/03/2013 SW - CL
CALCULATED: 06/03/2013 CL
PRINTED: 06/04/2013 SW

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ALL PRIOR TO 06/2013

PRECISION MEASUREMENT
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BARGE "CTCO 253"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-09"

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	3,277.20	0	3,587.50	0	3,789.43	0	3,991.06	0	4,185.03	0	4,366.23	0		0		0		0	
1/4	3,284.04	1/4	3,591.71	1/4	3,793.64	1/4	3,995.21	1/4	4,188.92	1/4	4,369.88	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,290.89	1/2	3,595.92	1/2	3,797.84	1/2	3,999.35	1/2	4,192.81	1/2	4,373.53	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,297.74	3/4	3,600.12	3/4	3,802.05	3/4	4,003.50	3/4	4,196.69	3/4	4,377.18	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,304.58	1	3,604.33	1	3,806.26	1	4,007.64	1	4,200.58	1	4,380.83	1	1	1	1	1	1	1	1
1/4	3,311.43	1/4	3,608.54	1/4	3,810.46	1/4	4,011.77	1/4	4,204.44	1/4	4,384.47	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,318.27	1/2	3,612.74	1/2	3,814.67	1/2	4,015.90	1/2	4,208.30	1/2	4,388.10	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,325.12	3/4	3,616.95	3/4	3,818.88	3/4	4,020.02	3/4	4,212.16	3/4	4,391.73	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,331.96	2	3,621.16	2	3,823.08	2	4,024.15	2	4,216.02	2	4,395.36	2	2	2	2	2	2	2	2
1/4	3,338.81	1/4	3,625.36	1/4	3,827.29	1/4	4,028.26	1/4	4,219.86	1/4	4,398.97	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,345.66	1/2	3,629.57	1/2	3,831.50	1/2	4,032.36	1/2	4,223.70	1/2	4,402.59	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,352.50	3/4	3,633.78	3/4	3,835.70	3/4	4,036.47	3/4	4,227.54	3/4	4,406.20	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,359.35	3	3,637.99	3	3,839.91	3	4,040.58	3	4,231.38	3	4,409.81	3	3	3	3	3	3	3	3
1/4	3,366.19	1/4	3,642.19	1/4	3,844.12	1/4	4,044.67	1/4	4,235.20	1/4	4,413.37	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,373.04	1/2	3,646.40	1/2	3,848.33	1/2	4,048.75	1/2	4,239.03	1/2	4,416.92	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,379.88	3/4	3,650.61	3/4	3,852.53	3/4	4,052.84	3/4	4,242.85	3/4	4,420.47	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,386.73	4	3,654.81	4	3,856.74	4	4,056.93	4	4,246.67	4	4,424.03	4	4	4	4	4	4	4	4
1/4	3,393.57	1/4	3,659.02	1/4	3,860.95	1/4	4,061.00	1/4	4,250.47	1/4	4,427.54	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,400.42	1/2	3,663.23	1/2	3,865.15	1/2	4,065.07	1/2	4,254.27	1/2	4,431.06	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,407.27	3/4	3,667.43	3/4	3,869.36	3/4	4,069.14	3/4	4,258.08	3/4	4,434.58	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,414.11	5	3,671.64	5	3,873.57	5	4,073.21	5	4,261.88	5	4,438.10	5	5	5	5	5	5	5	5
1/4	3,420.96	1/4	3,675.85	1/4	3,877.77	1/4	4,077.26	1/4	4,265.66	1/4	4,441.61	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,427.80	1/2	3,680.05	1/2	3,881.98	1/2	4,081.31	1/2	4,269.45	1/2	4,445.11	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,434.65	3/4	3,684.26	3/4	3,886.19	3/4	4,085.36	3/4	4,273.23	3/4	4,448.61	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,441.49	6	3,688.47	6	3,890.39	6	4,089.41	6	4,277.01	6	4,452.11	6	6	6	6	6	6	6	6
1/4	3,448.34	1/4	3,692.67	1/4	3,894.60	1/4	4,093.44	1/4	4,280.78	1/4	4,455.60	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,455.18	1/2	3,696.88	1/2	3,898.81	1/2	4,097.47	1/2	4,284.54	1/2	4,459.08	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,462.03	3/4	3,701.09	3/4	3,903.01	3/4	4,101.51	3/4	4,288.31	3/4	4,462.56	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,468.88	7	3,705.29	7	3,907.22	7	4,105.54	7	4,292.07	7	4,466.05	7	7	7	7	7	7	7	7
1/4	3,475.73	1/4	3,709.50	1/4	3,911.43	1/4	4,109.55	1/4	4,295.82	1/4	4,469.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,482.59	1/2	3,713.71	1/2	3,915.63	1/2	4,113.56	1/2	4,299.56	1/2	4,471.95	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,489.45	3/4	3,717.91	3/4	3,919.84	3/4	4,117.57	3/4	4,303.31	3/4	4,474.89	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,496.30	8	3,722.12	8	3,924.05	8	4,121.59	8	4,307.06	8	4,477.84	8	8	8	8	8	8	8	8
1/4	3,503.17	1/4	3,726.33	1/4	3,928.25	1/4	4,125.58	1/4	4,310.78	1/4	4,480.11	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,510.03	1/2	3,730.53	1/2	3,932.46	1/2	4,129.57	1/2	4,314.51	1/2	4,482.37	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,516.89	3/4	3,734.74	3/4	3,936.67	3/4	4,133.57	3/4	4,318.24	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,523.75	9	3,738.95	9	3,940.87	9	4,137.56	9	4,321.96	9		9	9	9	9	9	9	9	9
1/4	3,530.61	1/4	3,743.16	1/4	3,945.07	1/4	4,141.54	1/4	4,325.67	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,537.47	1/2	3,747.36	1/2	3,949.27	1/2	4,145.51	1/2	4,329.38	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,544.33	3/4	3,751.57	3/4	3,953.47	3/4	4,149.49	3/4	4,333.09	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,551.19	10	3,755.78	10	3,957.67	10	4,153.46	10	4,336.79	10	10	10	10	10	10	10	10	10	10
1/4	3,556.46	1/4	3,759.98	1/4	3,961.86	1/4	4,157.42	1/4	4,340.48	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,561.20	1/2	3,764.19	1/2	3,966.04	1/2	4,161.37	1/2	4,344.17	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,565.94	3/4	3,768.40	3/4	3,970.22	3/4	4,165.33	3/4	4,347.86	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,570.68	11	3,772.60	11	3,974.41	11	4,169.28	11	4,351.55	11	11	11	11	11	11	11	11	11	11
1/4	3,574.88	1/4	3,776.81	1/4	3,978.57	1/4	4,173.22	1/4	4,355.22	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,579.09	1/2	3,781.02	1/2	3,982.73	1/2	4,177.16	1/2	4,358.89	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,583.30	3/4	3,785.22	3/4	3,986.90	3/4	4,181.09	3/4	4,362.56	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/03/2013 SW - CL
CALCULATED: 06/03/2013 CL
PRINTED: 06/04/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2013

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