



BARGE "KBX 2005"

STBD HORIZONTAL INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0.12	0	213.25	0	595.82	0	1,078.95	0	1,634.14	0	2,243.24	0	2,892.40	0	3,570.11	0	4,266.16	0	4,971.07
1/4	1.42	1/4	219.96	1/4	605.05	1/4	1,089.90	1/4	1,646.37	1/4	2,256.43	1/4	2,906.29	1/4	3,584.47	1/4	4,280.79	1/4	4,985.78
1/2	2.72	1/2	226.67	1/2	614.28	1/2	1,100.85	1/2	1,658.60	1/2	2,269.61	1/2	2,920.17	1/2	3,598.83	1/2	4,295.42	1/2	5,000.50
3/4	4.01	3/4	233.38	3/4	623.51	3/4	1,111.80	3/4	1,670.83	3/4	2,282.79	3/4	2,934.05	3/4	3,613.19	3/4	4,310.06	3/4	5,015.21
1	5.31	1	240.09	1	632.75	1	1,122.75	1	1,683.06	1	2,295.98	1	2,947.94	1	3,627.55	1	4,324.69	1	5,029.92
1/4	7.68	1/4	247.05	1/4	642.14	1/4	1,133.82	1/4	1,695.37	1/4	2,309.23	1/4	2,961.87	1/4	3,641.94	1/4	4,339.34	1/4	5,044.64
1/2	10.04	1/2	254.01	1/2	651.54	1/2	1,144.90	1/2	1,707.69	1/2	2,322.48	1/2	2,975.80	1/2	3,656.33	1/2	4,353.98	1/2	5,059.35
3/4	12.41	3/4	260.97	3/4	660.94	3/4	1,155.97	3/4	1,720.01	3/4	2,335.73	3/4	2,989.73	3/4	3,670.72	3/4	4,368.63	3/4	5,074.06
2	14.78	2	267.93	2	670.34	2	1,167.04	2	1,732.33	2	2,348.99	2	3,003.66	2	3,685.11	2	4,383.28	2	5,088.77
1/4	17.85	1/4	275.16	1/4	679.90	1/4	1,178.23	1/4	1,744.74	1/4	2,362.30	1/4	3,017.64	1/4	3,699.53	1/4	4,397.94	1/4	5,103.48
1/2	20.91	1/2	282.39	1/2	689.46	1/2	1,189.42	1/2	1,757.14	1/2	2,375.62	1/2	3,031.62	1/2	3,713.95	1/2	4,412.60	1/2	5,118.19
3/4	23.98	3/4	289.61	3/4	699.02	3/4	1,200.61	3/4	1,769.55	3/4	2,388.94	3/4	3,045.59	3/4	3,728.37	3/4	4,427.26	3/4	5,132.90
3	27.04	3	296.84	3	708.57	3	1,211.80	3	1,781.96	3	2,402.26	3	3,059.57	3	3,742.78	3	4,441.92	3	5,147.61
1/4	30.67	1/4	304.33	1/4	718.29	1/4	1,223.11	1/4	1,794.45	1/4	2,415.64	1/4	3,073.59	1/4	3,757.23	1/4	4,456.59	1/4	5,162.31
1/2	34.30	1/2	311.81	1/2	728.00	1/2	1,234.41	1/2	1,806.95	1/2	2,429.02	1/2	3,087.62	1/2	3,771.68	1/2	4,471.26	1/2	5,177.02
3/4	37.92	3/4	319.30	3/4	737.72	3/4	1,245.72	3/4	1,819.44	3/4	2,442.40	3/4	3,101.64	3/4	3,786.12	3/4	4,485.93	3/4	5,191.72
4	41.55	4	326.78	4	747.43	4	1,257.03	4	1,831.93	4	2,455.78	4	3,115.66	4	3,800.57	4	4,500.60	4	5,206.43
1/4	45.66	1/4	334.49	1/4	757.30	1/4	1,268.44	1/4	1,844.51	1/4	2,469.22	1/4	3,129.73	1/4	3,815.04	1/4	4,515.28	1/4	5,221.12
1/2	49.77	1/2	342.19	1/2	767.17	1/2	1,279.86	1/2	1,857.09	1/2	2,482.67	1/2	3,143.79	1/2	3,829.51	1/2	4,529.96	1/2	5,235.82
3/4	53.87	3/4	349.90	3/4	777.04	3/4	1,291.28	3/4	1,869.67	3/4	2,496.11	3/4	3,157.86	3/4	3,843.99	3/4	4,544.64	3/4	5,250.52
5	57.98	5	357.61	5	786.90	5	1,302.70	5	1,882.25	5	2,509.56	5	3,171.92	5	3,858.46	5	4,559.32	5	5,265.22
1/4	62.52	1/4	365.53	1/4	796.92	1/4	1,314.23	1/4	1,894.91	1/4	2,523.06	1/4	3,186.03	1/4	3,872.96	1/4	4,574.01	1/4	5,279.91
1/2	67.06	1/2	373.45	1/2	806.93	1/2	1,325.75	1/2	1,907.57	1/2	2,536.57	1/2	3,200.14	1/2	3,887.45	1/2	4,588.70	1/2	5,294.60
3/4	71.59	3/4	381.37	3/4	816.95	3/4	1,337.28	3/4	1,920.23	3/4	2,550.07	3/4	3,214.24	3/4	3,901.95	3/4	4,603.39	3/4	5,309.29
6	76.13	6	389.29	6	826.97	6	1,348.81	6	1,932.89	6	2,563.57	6	3,228.35	6	3,916.45	6	4,618.08	6	5,323.99
1/4	81.05	1/4	397.42	1/4	837.12	1/4	1,360.45	1/4	1,945.63	1/4	2,577.14	1/4	3,242.50	1/4	3,930.97	1/4	4,632.78	1/4	5,338.67
1/2	85.98	1/2	405.55	1/2	847.28	1/2	1,372.08	1/2	1,958.37	1/2	2,590.70	1/2	3,256.65	1/2	3,945.49	1/2	4,647.48	1/2	5,353.35
3/4	90.90	3/4	413.68	3/4	857.44	3/4	1,383.72	3/4	1,971.11	3/4	2,604.26	3/4	3,270.79	3/4	3,960.01	3/4	4,662.17	3/4	5,368.04
7	95.83	7	421.80	7	867.60	7	1,395.35	7	1,983.85	7	2,617.83	7	3,284.94	7	3,974.53	7	4,676.87	7	5,382.72
1/4	101.11	1/4	430.13	1/4	877.90	1/4	1,407.09	1/4	1,996.67	1/4	2,631.45	1/4	3,299.13	1/4	3,989.07	1/4	4,691.57	1/4	5,397.39
1/2	106.39	1/2	438.46	1/2	888.20	1/2	1,418.83	1/2	2,009.49	1/2	2,645.07	1/2	3,313.31	1/2	4,003.62	1/2	4,706.28	1/2	5,412.07
3/4	111.67	3/4	446.79	3/4	898.50	3/4	1,430.57	3/4	2,022.31	3/4	2,658.69	3/4	3,327.50	3/4	4,018.16	3/4	4,720.98	3/4	5,426.74
8	116.96	8	455.11	8	908.80	8	1,442.31	8	2,035.13	8	2,672.31	8	3,341.69	8	4,032.70	8	4,735.68	8	5,441.41
1/4	122.55	1/4	463.63	1/4	919.24	1/4	1,454.15	1/4	2,048.03	1/4	2,685.99	1/4	3,355.91	1/4	4,047.26	1/4	4,750.39	1/4	5,456.08
1/2	128.13	1/2	472.15	1/2	929.68	1/2	1,465.99	1/2	2,060.93	1/2	2,699.66	1/2	3,370.14	1/2	4,061.83	1/2	4,765.10	1/2	5,470.74
3/4	133.72	3/4	480.67	3/4	940.11	3/4	1,477.84	3/4	2,073.82	3/4	2,713.34	3/4	3,384.36	3/4	4,076.39	3/4	4,779.81	3/4	5,485.40
9	139.31	9	489.19	9	950.55	9	1,489.68	9	2,086.72	9	2,727.02	9	3,398.58	9	4,090.95	9	4,794.51	9	5,500.06
1/4	145.18	1/4	497.90	1/4	961.12	1/4	1,501.62	1/4	2,099.69	1/4	2,740.75	1/4	3,412.84	1/4	4,105.54	1/4	4,809.22	1/4	5,514.71
1/2	151.06	1/2	506.60	1/2	971.69	1/2	1,513.56	1/2	2,112.66	1/2	2,754.48	1/2	3,427.10	1/2	4,120.12	1/2	4,823.94	1/2	5,529.36
3/4	156.93	3/4	515.31	3/4	982.26	3/4	1,525.50	3/4	2,125.63	3/4	2,768.21	3/4	3,441.36	3/4	4,134.70	3/4	4,838.65	3/4	5,544.01
10	162.81	10	524.02	10	992.83	10	1,537.45	10	2,138.60	10	2,781.94	10	3,455.62	10	4,149.29	10	4,853.36	10	5,558.66
1/4	168.97	1/4	532.90	1/4	1,003.53	1/4	1,549.49	1/4	2,151.65	1/4	2,795.72	1/4	3,469.92	1/4	4,163.89	1/4	4,868.07	1/4	5,573.30
1/2	175.14	1/2	541.79	1/2	1,014.23	1/2	1,561.53	1/2	2,164.69	1/2	2,809.50	1/2	3,484.21	1/2	4,178.49	1/2	4,882.79	1/2	5,587.94
3/4	181.31	3/4	550.68	3/4	1,024.93	3/4	1,573.57	3/4	2,177.74	3/4	2,823.29	3/4	3,498.51	3/4	4,193.09	3/4	4,897.50	3/4	5,602.57
11	187.47	11	559.56	11	1,035.63	11	1,585.60	11	2,190.78	11	2,837.07	11	3,512.80	11	4,207.69	11	4,912.21	11	5,617.21
1/4	193.92	1/4	568.63	1/4	1,046.46	1/4	1,597.74	1/4	2,203.90	1/4	2,850.90	1/4	3,527.13	1/4	4,222.31	1/4	4,926.93	1/4	5,631.83
1/2	200.36	1/2	577.69	1/2	1,057.29	1/2	1,609.87	1/2	2,217.01	1/2	2,864.74	1/2	3,541.46	1/2	4,236.92	1/2	4,941.64	1/2	5,646.45
3/4	206.81	3/4	586.75	3/4	1,068.12	3/4	1,622.01	3/4	2,230.13	3/4	2,878.57	3/4	3,555.79	3/4	4,251.54	3/4	4,956.36	3/4	5,661.07

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.2E.

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.

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



BARGE "KBX 2005"

STBD HORIZONTAL INNAGE TABLE

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	5,675.70	0	6,370.88	0	7,047.11	0	7,694.13	0	8,300.29	0	8,851.58	0	9,329.43	0	9,704.86	0		0	
1/4	5,690.30	1/4	6,385.18	1/4	7,060.91	1/4	7,707.19	1/4	8,312.36	1/4	8,862.31	1/4	9,338.37	1/4	9,711.15	1/4		1/4	
1/2	5,704.91	1/2	6,399.48	1/2	7,074.70	1/2	7,720.25	1/2	8,324.42	1/2	8,873.05	1/2	9,347.30	1/2	9,717.44	1/2		1/2	
3/4	5,719.51	3/4	6,413.79	3/4	7,088.50	3/4	7,733.31	3/4	8,336.48	3/4	8,883.78	3/4	9,356.23	3/4	9,723.73	3/4		3/4	
1	5,734.12	1	6,428.09	1	7,102.30	1	7,746.38	1	8,348.55	1	8,894.51	1	9,365.16	1	9,730.02	1		1	
1/4	5,748.70	1/4	6,442.36	1/4	7,116.04	1/4	7,759.36	1/4	8,360.51	1/4	8,905.11	1/4	9,373.91	1/4	9,736.02	1/4		1/4	
1/2	5,763.29	1/2	6,456.63	1/2	7,129.78	1/2	7,772.35	1/2	8,372.48	1/2	8,915.72	1/2	9,382.66	1/2	9,742.02	1/2		1/2	
3/4	5,777.88	3/4	6,470.90	3/4	7,143.53	3/4	7,785.34	3/4	8,384.45	3/4	8,926.32	3/4	9,391.42	3/4	9,748.02	3/4		3/4	
2	5,792.47	2	6,485.17	2	7,157.27	2	7,798.33	2	8,396.41	2	8,936.92	2	9,400.17	2	9,754.02	2		2	
1/4	5,807.03	1/4	6,499.40	1/4	7,170.96	1/4	7,811.25	1/4	8,408.28	1/4	8,947.40	1/4	9,408.74	1/4	9,759.71	1/4		1/4	
1/2	5,821.60	1/2	6,513.63	1/2	7,184.65	1/2	7,824.16	1/2	8,420.15	1/2	8,957.87	1/2	9,417.30	1/2	9,765.41	1/2		1/2	
3/4	5,836.17	3/4	6,527.87	3/4	7,198.34	3/4	7,837.08	3/4	8,432.01	3/4	8,968.34	3/4	9,425.87	3/4	9,771.10	3/4		3/4	
3	5,850.74	3	6,542.10	3	7,212.03	3	7,849.99	3	8,443.88	3	8,978.81	3	9,434.44	3	9,776.79	3		3	
1/4	5,865.29	1/4	6,556.29	1/4	7,225.67	1/4	7,862.83	1/4	8,455.65	1/4	8,989.14	1/4	9,442.81	1/4	9,782.16	1/4		1/4	
1/2	5,879.84	1/2	6,570.49	1/2	7,239.30	1/2	7,875.67	1/2	8,467.41	1/2	8,999.48	1/2	9,451.19	1/2	9,787.53	1/2		1/2	
3/4	5,894.38	3/4	6,584.69	3/4	7,252.93	3/4	7,888.51	3/4	8,479.18	3/4	9,009.81	3/4	9,459.57	3/4	9,792.90	3/4		3/4	
4	5,908.93	4	6,598.88	4	7,266.57	4	7,901.35	4	8,490.94	4	9,020.15	4	9,467.94	4	9,798.26	4		4	
1/4	5,923.46	1/4	6,613.04	1/4	7,280.15	1/4	7,914.11	1/4	8,502.61	1/4	9,030.34	1/4	9,476.12	1/4	9,803.28	1/4		1/4	
1/2	5,937.98	1/2	6,627.20	1/2	7,293.73	1/2	7,926.87	1/2	8,514.27	1/2	9,040.54	1/2	9,484.30	1/2	9,808.30	1/2		1/2	
3/4	5,952.51	3/4	6,641.35	3/4	7,307.30	3/4	7,939.63	3/4	8,525.93	3/4	9,050.73	3/4	9,492.48	3/4	9,813.31	3/4		3/4	
5	5,967.04	5	6,655.51	5	7,320.88	5	7,952.40	5	8,537.59	5	9,060.93	5	9,500.65	5	9,818.33	5		5	
1/4	5,981.54	1/4	6,669.63	1/4	7,334.40	1/4	7,965.08	1/4	8,549.15	1/4	9,070.98	1/4	9,508.63	1/4	9,822.97	1/4		1/4	
1/2	5,996.04	1/2	6,683.75	1/2	7,347.92	1/2	7,977.76	1/2	8,560.70	1/2	9,081.03	1/2	9,516.60	1/2	9,827.60	1/2		1/2	
3/4	6,010.55	3/4	6,697.87	3/4	7,361.44	3/4	7,990.44	3/4	8,572.26	3/4	9,091.08	3/4	9,524.58	3/4	9,832.24	3/4		3/4	
6	6,025.05	6	6,711.98	6	7,374.96	6	8,003.12	6	8,583.81	6	9,101.13	6	9,532.55	6	9,836.88	6		6	
1/4	6,039.53	1/4	6,726.06	1/4	7,388.42	1/4	8,015.72	1/4	8,595.26	1/4	9,111.04	1/4	9,540.31	1/4	9,841.10	1/4		1/4	
1/2	6,054.01	1/2	6,740.13	1/2	7,401.88	1/2	8,028.32	1/2	8,606.70	1/2	9,120.94	1/2	9,548.07	1/2	9,845.32	1/2		1/2	
3/4	6,068.49	3/4	6,754.21	3/4	7,415.34	3/4	8,040.92	3/4	8,618.15	3/4	9,130.85	3/4	9,555.83	3/4	9,849.54	3/4		3/4	
7	6,082.96	7	6,768.29	7	7,428.79	7	8,053.52	7	8,629.59	7	9,140.75	7	9,563.59	7	9,853.76	7		7	
1/4	6,097.42	1/4	6,782.32	1/4	7,442.19	1/4	8,066.03	1/4	8,640.93	1/4	9,150.50	1/4	9,571.14	1/4	9,857.51	1/4		1/4	
1/2	6,111.87	1/2	6,796.35	1/2	7,455.59	1/2	8,078.55	1/2	8,652.26	1/2	9,160.26	1/2	9,578.68	1/2	9,861.26	1/2		1/2	
3/4	6,126.32	3/4	6,810.39	3/4	7,468.99	3/4	8,091.06	3/4	8,663.60	3/4	9,170.01	3/4	9,586.22	3/4	9,865.02	3/4		3/4	
8	6,140.78	8	6,824.42	8	7,482.38	8	8,103.58	8	8,674.93	8	9,179.76	8	9,593.76	8	9,868.77	8		8	
1/4	6,155.20	1/4	6,838.41	1/4	7,495.72	1/4	8,116.01	1/4	8,686.15	1/4	9,189.36	1/4	9,601.07	1/4	9,871.98	1/4		1/4	
1/2	6,169.63	1/2	6,852.40	1/2	7,509.05	1/2	8,128.43	1/2	8,697.37	1/2	9,198.96	1/2	9,608.39	1/2	9,875.20	1/2		1/2	
3/4	6,184.05	3/4	6,866.39	3/4	7,522.38	3/4	8,140.86	3/4	8,708.59	3/4	9,208.56	3/4	9,615.70	3/4	9,878.41	3/4		3/4	
9	6,198.48	9	6,880.37	9	7,535.72	9	8,153.29	9	8,719.81	9	9,218.16	9	9,623.01	9	9,881.63	9		9	
1/4	6,212.88	1/4	6,894.32	1/4	7,548.99	1/4	8,165.63	1/4	8,730.91	1/4	9,227.60	1/4	9,630.08	1/4	9,884.19	1/4		1/4	
1/2	6,227.27	1/2	6,908.26	1/2	7,562.25	1/2	8,177.97	1/2	8,742.01	1/2	9,237.04	1/2	9,637.16	1/2	9,886.75	1/2		1/2	
3/4	6,241.67	3/4	6,922.20	3/4	7,575.52	3/4	8,190.32	3/4	8,753.12	3/4	9,246.47	3/4	9,644.23	3/4	9,889.32	3/4		3/4	
10	6,256.07	10	6,936.15	10	7,588.79	10	8,202.66	10	8,764.22	10	9,255.91	10	9,651.31	10	9,891.88	10		10	
1/4	6,270.43	1/4	6,950.04	1/4	7,601.99	1/4	8,214.91	1/4	8,775.20	1/4	9,265.19	1/4	9,658.13	1/4	9,893.53	1/4		1/4	
1/2	6,284.80	1/2	6,963.94	1/2	7,615.19	1/2	8,227.16	1/2	8,786.18	1/2	9,274.46	1/2	9,664.95	1/2	9,895.17	1/2		1/2	
3/4	6,299.17	3/4	6,977.83	3/4	7,628.40	3/4	8,239.41	3/4	8,797.16	3/4	9,283.74	3/4	9,671.78	3/4	9,896.82	3/4		3/4	
11	6,313.54	11	6,991.73	11	7,641.60	11	8,251.66	11	8,808.15	11	9,293.01	11	9,678.60	11	9,898.47	11		11	
1/4	6,327.87	1/4	7,005.57	1/4	7,654.73	1/4	8,263.82	1/4	8,819.00	1/4	9,302.12	1/4	9,685.17	1/4	9,899.12	1/4		1/4	
1/2	6,342.21	1/2	7,019.42	1/2	7,667.86	1/2	8,275.98	1/2	8,829.86	1/2	9,311.22	1/2	9,691.73	1/2		1/2		1/2	
3/4	6,356.54	3/4	7,033.27	3/4	7,680.99	3/4	8,288.13	3/4	8,840.72	3/4	9,320.33	3/4	9,698.30	3/4		3/4		3/4	

STRAPPED: 06/19/2015 SW
CALCULATED: 06/22/2015 CL
PRINTED: 06/22/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588

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