KIRBY 30016T

Barge Strapping Tables

BARGE "KIRBY 30016T"

ULLAGE TRIM TABLE

FORMERLY "DXE 3059T"

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
1 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
1 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
2 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 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	- 00-3/8	00-3/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2
3 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8
3 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8

(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 ULLAGE GAUGE OF 4'-00" ON 2 PORT THE TRIM CORRECTED ULLAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 261'-00"

December 19, 2001

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

http://www.pmacorp.net

BARGE "KIRBY 30016T"

1 PORT
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "DXE 3059T"

GAUGE HEIGHT 17'-00 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	5,140.77	0	4,770.00	0	4,385.48	0	3,989.16	0	3,591.30	0	3,193.45
1/4		1/4		1/4		1/4	5,459.86	1/4	5,133.18	1/4	4,762.12	1/4	4,377.31	1/4	3,980.87	1/4	3,583.01	1/4	3,185.16
1/2		1/2		1/2		1/2	5,457.18	1/2	5,125.58	1/2	4,754.24	1/2	4,369.14	1/2	3,972.58	1/2	3,574.73	1/2	3,176.87
3/4		3/4		3/4		3/4	5,453.82	3/4	5,117.98	3/4	4,746.35	3/4	4,360.97	3/4	3,964.29	3/4	3,566.44	3/4	3,168.58
1		1		1		1	5,449.80	1	5,110.39	1	4,738.47	1	4,352.80	1	3,956.00	1	3,558.15	1	3,160.30
1/4		1/4		1/4		1/4	5,445.77	1/4	5,102.79	1/4	4,730.59	1/4	4,344.63	1/4	3,947.71	1/4	3,549.86	1/4	3,152.01
1/2		1/2		1/2		1/2	5,441.74	1/2	5,095.20	1/2	4,722.71	1/2	4,336.46	1/2	3,939.42	1/2	3,541.57	1/2	3,143.72
3/4		3/4		3/4		3/4	5,437.05	3/4	5,087.58	3/4	4,714.80	3/4	4,328.27	3/4	3,931.14	3/4	3,533.28	3/4	3,135.43
2		2		2		2	5,431.68	2	5,079.93	2	4,706.87	2	4,320.05	2	3,922.85	2	3,524.99	2	3,127.14
1/4		1/4		1/4		1/4	5,426.31	1/4	5,072.29	1/4	4,698.94	1/4	4,311.83	1/4	3,914.56	1/4	3,516.71	1/4	3,118.85
1/2		1/2		1/2		1/2	5,420.94	1/2	5,064.65	1/2	4,691.01	1/2	4,303.62	1/2	3,906.27	1/2	3,508.42	1/2	3,110.56
3/4		3/4		3/4		3/4	5,414.90	3/4	5,057.00	3/4	4,683.08	3/4	4,295.40	3/4	3,897.98	3/4	3,500.13	3/4	3,102.28
3		3		3		3	5,408.19	3	5,049.36	3	4,675.15	3	4,287.18	3	3,889.69	3	3,491.84	3	3,093.99
1/4		1/4		1/4		1/4	5,401.48	1/4	5,041.71	1/4	4,667.22	1/4	4,278.97	1/4	3,881.40	1/4	3,483.55	1/4	3,085.70
1/2		1/2		1/2		1/2	5,394.77	1/2	5,034.07	1/2	4,659.29	1/2	4,270.75	1/2	3,873.12	1/2	3,475.26	1/2	3,077.41
3/4		3/4		3/4		3/4	5,387.71	3/4	5,026.40	3/4	4,651.33	3/4	4,262.51	3/4	3,864.83	3/4	3,466.97	3/4	3,069.12
4		4		4		4	5,380.31	4	5,018.71	4	4,643.35	4	4,254.24	4	3,856.54	4	3,458.69	4	3,060.83
1/4		1/4		1/4		1/4	5,372.90	1/4	5,011.02	1/4	4,635.38	1/4	4,245.98	1/4	3,848.25	1/4	3,450.40	1/4	3,052.54
1/2		1/2		1/2		1/2	5,365.50	1/2	5,003.33	1/2	4,627.40	1/2	4,237.71	1/2	3,839.96	1/2	3,442.11	1/2	3,044.26
3/4		3/4		3/4		3/4	5,358.10	3/4	4,995.64	3/4	4,619.42	3/4	4,229.45	3/4	3,831.67	3/4	3,433.82	3/4	3,035.97
5		5		5		5	5,350.69	5	4,987.95	5	4,611.44	5	4,221.18	5	3,823.38	5	3,425.53	5	3,027.68
1/4		1/4		1/4		1/4	5,343.29	1/4	4,980.25	1/4	4,603.46	1/4	4,212.92	1/4	3,815.09	1/4	3,417.24	1/4	3,019.39
1/2		1/2		1/2		1/2	5,335.88	1/2	4,972.56	1/2	4,595.49	1/2	4,204.65	1/2	3,806.81	1/2	3,408.95	1/2	3,011.10
3/4		3/4		3/4		3/4	5,328.45	3/4	4,964.85	3/4	4,587.48	3/4	4,196.37	3/4	3,798.52	3/4	3,400.66	3/4	3,002.81
6		6		6		6	5,321.00	6	4,957.11	6	4,579.46	6	4,188.08	6	3,790.23	6	3,392.38	6	2,994.52
1/4		1/4		1/4		1/4	5,313.55	1/4	4,949.37	1/4	4,571.43	1/4	4,179.79	1/4	3,781.94	1/4	3,384.09	1/4	2,986.23
1/2		1/2		1/2		1/2	5,306.09	1/2	4,941.63	1/2	4,563.41	1/2	4,171.50	1/2	3,773.65	1/2	3,375.80	1/2	2,977.95
3/4		3/4		3/4		3/4	5,298.64	3/4	4,933.89	3/4	4,555.38	3/4	4,163.22	3/4	3,765.36	3/4	3,367.51	3/4	2,969.66
7		7		7		7	5,291.19	7	4,926.15	7	4,547.35	7	4,154.93	7	3,757.07	7	3,359.22	7	2,961.37
1/4		1/4		1/4		1/4	5,283.74	1/4	4,918.41	1/4	4,539.33	1/4	4,146.64	1/4	3,748.79	1/4	3,350.93	1/4	2,953.08
1/2		1/2		1/2		1/2	5,276.28	1/2	4,910.67	1/2	4,531.30	1/2	4,138.35	1/2	3,740.50	1/2	3,342.64	1/2	2,944.79
3/4		3/4		3/4		3/4	5,268.81	3/4	4,902.91	3/4	4,523.25	3/4	4,130.06	3/4	3,732.21	3/4	3,334.36	3/4	2,936.50
8		8		8		8	5,261.31	8	4,895.12	8	4,515.18	8	4,121.77	8	3,723.92	8	3,326.07	8	2,928.21
1/4		1/4		1/4		1/4	5,253.81	1/4	4,887.33	1/4	4,507.11	1/4	4,113.48	1/4	3,715.63	1/4	3,317.78	1/4	2,919.93
1/2		1/2		1/2		1/2	5,246.31	1/2	4,879.55	1/2	4,499.03	1/2	4,105.20	1/2	3,707.34	1/2	3,309.49	1/2	2,911.64
3/4		3/4		3/4		3/4	5,238.80	3/4	4,871.76	3/4	4,490.96	3/4	4,096.91	3/4	3,699.05	3/4	3,301.20	3/4	2,903.35
9		9		9		9	5,231.30	9	4,863.97	9	4,482.88	9	4,088.62	9	3,690.77	9	3,292.91	9	2,895.06
1/4		1/4		1/4		1/4	5,223.80	1/4	4,856.19	1/4	4,474.81	1/4	4,080.33	1/4	3,682.48	1/4	3,284.62	1/4	2,886.77
1/2		1/2		1/2		1/2	5,216.30	1/2	4,848.40	1/2	4,466.74	1/2	4,072.04	1/2	3,674.19	1/2	3,276.34	1/2	2,878.48
3/4		3/4		3/4		3/4	5,208.78	3/4	4,840.59	3/4	4,458.64	3/4	4,063.75	3/4	3,665.90	3/4	3,268.05	3/4	2,870.19
10		10		10		10	5,201.23	10	4,832.75	10	4,450.52	10	4,055.46	10	3,657.61	10	3,259.76	10	2,861.91
1/4		1/4		1/4		1/4	5,193.68	1/4	4,824.92	1/4	4,442.40	1/4	4,047.18	1/4	3,649.32	1/4	3,251.47	1/4	2,853.62
1/2		1/2		1/2		1/2	5,186.13	1/2	4,817.08	1/2	4,434.28	1/2	4,038.89	1/2	3,641.03	1/2	3,243.18	1/2	2,845.33
3/4		3/4		3/4		3/4	5,178.59	3/4	4,809.25	3/4	4,426.15	3/4	4,030.60	3/4	3,632.75	3/4	3,234.89	3/4	2,837.04
11		11		11		11	5,171.04	11	4,801.41	11	4,418.03	11	4,022.31	11	3,624.46	11	3,226.60	11	2,828.75
1/4		1/4		1/4		1/4	5,163.49	1/4	4,793.58	1/4	4,409.91	1/4	4,014.02	1/4	3,616.17	1/4	3,218.32	1/4	2,820.46
1/2		1/2		1/2		1/2	5,155.94	1/2	4,785.74	1/2	4,401.79	1/2	4,005.73	1/2	3,607.88	1/2	3,210.03	1/2	2,812.17
3/4		3/4		3/4		3/4	5,148.37	3/4	4,777.89	3/4	4,393.64	3/4	3,997.44	3/4	3,599.59	3/4	3,201.74	3/4	2,803.89

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 STOPS AT UNDERSIDE OF DECK AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE AND MANUAL GAUGES TAKEN AT STANDPIPE.
GAUGE POINT: (HERMETIC) LOCATED 11'-01" OFF CENTERLINE AND 47'-07" FORWARD OF AFT BULKHEAD.
GAUGE POINT: (MANUAL) LOCATED 11'-01" OFF CENTERLINE AND 46'-02" FORWARD OF AFT BULKHEAD.

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BARGE "KIRBY 30016T"

1 PORT
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "DXE 3059T"

GAUGE HEIGHT 17'-00 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	2,795.60	0	2,397.74	0	1,999.89	0	1,602.04	0	1,204.19	0	806.34	0	408.49	0	36.84	0		0	
1/4	2,787.31	1/4	2,389.46	1/4	1,991.60	1/4	1,593.75	1/4	1,195.90	1/4	798.06	1/4	400.20	1/4	32.53	1/4		1/4	
1/2	2,779.02	1/2	2,381.17	1/2	1,983.31	1/2	1,585.46	1/2	1,187.61	1/2	789.77	1/2	391.92	1/2	28.23	1/2		1/2	
3/4	2,770.73	3/4	2,372.88	3/4	1,975.03	3/4	1,577.17	3/4	1,179.32	3/4	781.48	3/4	383.63	3/4		3/4		3/4	
1	2,762.44	1	2,364.59	1	1,966.74	1	1,568.88	1	1,171.03	1	773.19	1	375.34	1		1		1	
1/4	2,754.15	1/4	2,356.30	1/4	1,958.45	1/4	1,560.60	1/4	1,162.74	1/4	764.90	1/4	367.05	1/4		1/4		1/4	
1/2	2,745.87	1/2	2,348.01	1/2	1,950.16	1/2	1,552.31	1/2	1,154.45	1/2	756.61	1/2	358.76	1/2		1/2		1/2	
3/4	2,737.58	3/4	2,339.72	3/4	1,941.87	3/4	1,544.02	3/4	1,146.17	3/4	748.33	3/4	350.47	3/4		3/4		3/4	
2	2,729.29	2	2,331.44	2	1,933.58	2	1,535.73	2	1,137.88	2	740.04	2	342.19	2		2		2	
1/4	2,721.00	1/4	2,323.15	1/4	1,925.29	1/4	1,527.44	1/4	1,129.59	1/4	731.75	1/4	333.91	1/4		1/4		1/4	
1/2	2,712.71	1/2	2,314.86	1/2	1,917.01	1/2	1,519.15	1/2	1,121.30	1/2	723.46	1/2	325.63	1/2		1/2		1/2	
3/4	2,704.42	3/4	2,306.57	3/4	1,908.72	3/4	1,510.86	3/4	1,113.01	3/4	715.17	3/4	317.35	3/4		3/4		3/4	
3	2,696.13	3	2,298.28	3	1,900.43	3	1,502.58	3	1,104.72	3	706.88	3	309.08	3		3		3	
1/4	2,687.85	1/4	2,289.99	1/4	1,892.14	1/4	1,494.29	1/4	1,096.43	1/4	698.59	1/4	300.83	1/4		1/4		1/4	
1/2	2,679.56	1/2	2,281.70	1/2	1,883.85	1/2	1,486.00	1/2	1,088.15	1/2	690.31	1/2	292.58	1/2		1/2		1/2	
3/4	2,671.27	3/4	2,273.42	3/4	1,875.56	3/4	1,477.71	3/4	1,079.86	3/4	682.02	3/4	284.33	3/4		3/4		3/4	
4	2,662.98	4	2,265.13	4	1,867.27	4	1,469.42	4	1,071.57	4	673.73	4	276.10	4		4		4	
1/4	2,654.69	1/4	2,256.84	1/4	1,858.99	1/4	1,461.13	1/4	1,063.28	1/4	665.44	1/4	267.90	1/4		1/4		1/4	
1/2	2,646.40	1/2	2,248.55	1/2	1,850.70	1/2	1,452.84	1/2	1,054.99	1/2	657.15	1/2	259.70	1/2		1/2		1/2	
3/4	2,638.11	3/4	2,240.26	3/4	1,842.41	3/4	1,444.56	3/4	1,046.70	3/4	648.86	3/4	251.49	3/4		3/4		3/4	
5	2,629.83	5	2,231.97	5	1,834.12	5	1,436.27	5	1,038.41	5	640.57	5	243.32	5		5		5	
1/4	2,621.54	1/4	2,223.68	1/4	1,825.83	1/4	1,427.98	1/4	1,030.13	1/4	632.29	1/4	235.19	1/4		1/4		1/4	
1/2	2,613.25	1/2	2,215.40	1/2	1,817.54	1/2	1,419.69	1/2	1,021.84	1/2	624.00	1/2	227.05	1/2		1/2		1/2	
3/4	2,604.96	3/4	2,207.11	3/4	1,809.25	3/4	1,411.40	3/4	1,013.55	3/4	615.71	3/4	218.92	3/4		3/4		3/4	
6	2,596.67	6	2,198.82	6	1,800.97	6	1,403.11	6	1,005.26	6	607.42	6	210.82	6		6		6	
1/4	2,588.38	1/4	2,190.53	1/4	1,792.68	1/4	1,394.82	1/4	996.97	1/4	599.13	1/4	202.77	1/4		1/4		1/4	
1/2	2,580.09	1/2	2,182.24	1/2	1,784.39	1/2	1,386.54	1/2	988.68	1/2	590.84	1/2	194.72	1/2		1/2		1/2	
3/4	2,571.80	3/4	2,173.95	3/4	1,776.10	3/4	1,378.25	3/4	980.40	3/4	582.55	3/4	186.67	3/4		3/4		3/4	
7	2,563.52	7	2,165.66	7	1,767.81	7	1,369.96	7	972.11	7	574.27	7	178.66	7		7		7	
1/4	2,555.23	1/4	2,157.37	1/4	1,759.52	1/4	1,361.67	1/4	963.82	1/4	565.98	1/4	170.70	1/4		1/4		1/4	
1/2	2,546.94	1/2	2,149.09	1/2	1,751.23	1/2	1,353.38	1/2	955.53	1/2	557.69	1/2	162.73	1/2		1/2		1/2	
3/4	2,538.65	3/4	2,140.80	3/4	1,742.94	3/4	1,345.09	3/4	947.24	3/4	549.40	3/4	154.77	3/4		3/4		3/4	
8	2,530.36	8	2,132.51	8	1,734.66	8	1,336.80	8	938.96	8	541.11	8	146.85	8		8		8	
1/4	2,522.07	1/4	2,124.22	1/4	1,726.37	1/4	1,328.51	1/4	930.67	1/4	532.82	1/4	138.98	1/4		1/4		1/4	
1/2	2,513.78	1/2	2,115.93	1/2	1,718.08	1/2	1,320.23	1/2	922.38	1/2	524.53	1/2	131.11	1/2		1/2		1/2	
3/4	2,505.50	3/4	2,107.64	3/4	1,709.79	3/4	1,311.94	3/4	914.09	3/4	516.25	3/4	123.23	3/4		3/4		3/4	
9	2,497.21	9	2,099.35	9	1,701.50	9	1,303.65	9	905.80	9	507.96	9	115.46	9		9		9	
1/4	2,488.92	1/4	2,091.07	1/4	1,693.21	1/4	1,295.36	1/4	897.51	1/4	499.67	1/4	107.78	1/4		1/4		1/4	
1/2	2,480.63	1/2	2,082.78	1/2	1,684.92	1/2	1,287.07	1/2	889.23	1/2	491.38	1/2	100.10	1/2		1/2		1/2	
3/4	2,472.34	3/4	2,074.49	3/4	1,676.64	3/4	1,278.78	3/4	880.94	3/4	483.09	3/4	92.42	3/4		3/4		3/4	
10	2,464.05	10	2,066.20	10	1,668.35	10	1,270.49	10	872.65	10	474.80	10	85.18	10		10		10	
1/4	2,455.76	1/4	2,057.91	1/4	1,660.06	1/4	1,262.21	1/4	864.36	1/4	466.51	1/4	78.36	1/4		1/4		1/4	
1/2	2,447.48	1/2	2,049.62	1/2	1,651.77	1/2	1,253.92	1/2	856.07	1/2	458.23	1/2	71.54	1/2		1/2		1/2	
3/4	2,439.19	3/4	2,041.33	3/4	1,643.48	3/4	1,245.63	3/4	847.78	3/4	449.94	3/4	64.72	3/4		3/4		3/4	
11	2,430.90	11	2,033.05	11	1,635.19	11	1,237.34	11	839.50	11	441.65	11	58.52	11		11		11	
1/4	2,422.61	1/4	2,024.76	1/4	1,626.90	1/4	1,229.05	1/4	831.21	1/4	433.36	1/4	52.94	1/4		1/4		1/4	
1/2	2,414.32	1/2	2,016.47	1/2	1,618.62	1/2	1,220.76	1/2	822.92	1/2	425.07	1/2	47.36	1/2		1/2		1/2	
3/4	2,406.03	3/4	2,008.18	3/4	1,610.33	3/4	1,212.47	3/4	814.63	3/4	416.78	3/4	41.78	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/12/1996 SI
REPRINTED: 12/19/2001 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2001

PRECISION MEASUREMENT
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P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 30016T"

1 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "DXE 3059T"

GAUGE HEIGHT 17'-01"

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		0		0	5,238.11	0	4,862.04	0	4,472.00	0	4,069.67	0	3,665.50	0	3,261.33
1/4		1/4		1/4		1/4		1/4	5,230.41	1/4	4,854.06	1/4	4,463.73	1/4	4,061.25	1/4	3,657.08	1/4	3,252.91
1/2		1/2		1/2		5/8	5,548.19	1/2	5,222.70	1/2	4,846.05	1/2	4,455.43	1/2	4,052.83	1/2	3,648.66	1/2	3,244.49
3/4		3/4		3/4		3/4	5,546.83	3/4	5,214.98	3/4	4,838.05	3/4	4,447.13	3/4	4,044.41	3/4	3,640.24	3/4	3,236.07
1		1		1		1	5,544.10	1	5,207.27	1	4,830.04	1	4,438.83	1	4,035.99	1	3,631.82	1	3,227.65
1/4		1/4		1/4		1/4	5,540.70	1/4	5,199.55	1/4	4,822.03	1/4	4,430.53	1/4	4,027.57	1/4	3,623.40	1/4	3,219.23
1/2		1/2		1/2		1/2	5,536.61	1/2	5,191.83	1/2	4,814.02	1/2	4,422.23	1/2	4,019.14	1/2	3,614.98	1/2	3,210.81
3/4		3/4		3/4		3/4	5,532.52	3/4	5,184.12	3/4	4,806.02	3/4	4,413.93	3/4	4,010.72	3/4	3,606.56	3/4	3,202.39
2		2		2		2	5,528.43	2	5,176.40	2	4,798.01	2	4,405.63	2	4,002.30	2	3,598.13	2	3,193.97
1/4		1/4		1/4		1/4	5,523.66	1/4	5,168.66	1/4	4,789.97	1/4	4,397.31	1/4	3,993.88	1/4	3,589.71	1/4	3,185.55
1/2		1/2		1/2		1/2	5,518.21	1/2	5,160.90	1/2	4,781.92	1/2	4,388.96	1/2	3,985.46	1/2	3,581.29	1/2	3,177.12
3/4		3/4		3/4		3/4	5,512.76	3/4	5,153.13	3/4	4,773.86	3/4	4,380.62	3/4	3,977.04	3/4	3,572.87	3/4	3,168.70
3		3		3		3	5,507.30	3	5,145.37	3	4,765.81	3	4,372.27	3	3,968.62	3	3,564.45	3	3,160.28
1/4		1/4		1/4		1/4	5,501.17	1/4	5,137.60	1/4	4,757.75	1/4	4,363.92	1/4	3,960.20	1/4	3,556.03	1/4	3,151.86
1/2		1/2		1/2		1/2	5,494.35	1/2	5,129.84	1/2	4,749.69	1/2	4,355.57	1/2	3,951.78	1/2	3,547.61	1/2	3,143.44
3/4		3/4		3/4		3/4	5,487.54	3/4	5,122.07	3/4	4,741.64	3/4	4,347.23	3/4	3,943.36	3/4	3,539.19	3/4	3,135.02
4		4		4		4	5,480.72	4	5,114.31	4	4,733.58	4	4,338.88	4	3,934.94	4	3,530.77	4	3,126.60
1/4		1/4		1/4		1/4	5,473.55	1/4	5,106.52	1/4	4,725.50	1/4	4,330.51	1/4	3,926.52	1/4	3,522.35	1/4	3,118.18
1/2		1/2		1/2		1/2	5,466.03	1/2	5,098.70	1/2	4,717.40	1/2	4,322.11	1/2	3,918.10	1/2	3,513.93	1/2	3,109.76
3/4		3/4		3/4		3/4	5,458.51	3/4	5,090.89	3/4	4,709.29	3/4	4,313.71	3/4	3,909.68	3/4	3,505.51	3/4	3,101.34
5		5		5		5	5,450.99	5	5,083.08	5	4,701.19	5	4,305.32	5	3,901.26	5	3,497.09	5	3,092.92
1/4		1/4		1/4		1/4	5,443.46	1/4	5,075.26	1/4	4,693.08	1/4	4,296.92	1/4	3,892.84	1/4	3,488.67	1/4	3,084.50
1/2		1/2		1/2		1/2	5,435.94	1/2	5,067.45	1/2	4,684.98	1/2	4,288.53	1/2	3,884.42	1/2	3,480.25	1/2	3,076.08
3/4		3/4		3/4		3/4	5,428.42	3/4	5,059.64	3/4	4,676.87	3/4	4,280.13	3/4	3,876.00	3/4	3,471.83	3/4	3,067.66
6		6		6		6	5,420.90	6	5,051.82	6	4,668.77	6	4,271.74	6	3,867.58	6	3,463.41	6	3,059.24
1/4		1/4		1/4		1/4	5,413.35	1/4	5,043.99	1/4	4,660.64	1/4	4,263.33	1/4	3,859.16	1/4	3,454.99	1/4	3,050.82
1/2		1/2		1/2		1/2	5,405.78	1/2	5,036.12	1/2	4,652.49	1/2	4,254.91	1/2	3,850.74	1/2	3,446.57	1/2	3,042.40
3/4		3/4		3/4		3/4	5,398.21	3/4	5,028.26	3/4	4,644.33	3/4	4,246.49	3/4	3,842.32	3/4	3,438.15	3/4	3,033.98
7		7		7		7	5,390.64	7	5,020.40	7	4,636.18	7	4,238.07	7	3,833.90	7	3,429.73	7	3,025.56
1/4		1/4		1/4		1/4	5,383.07	1/4	5,012.54	1/4	4,628.03	1/4	4,229.65	1/4	3,825.48	1/4	3,421.31	1/4	3,017.14
1/2		1/2		1/2		1/2	5,375.50	1/2	5,004.68	1/2	4,619.87	1/2	4,221.23	1/2	3,817.06	1/2	3,412.89	1/2	3,008.72
3/4		3/4		3/4		3/4	5,367.93	3/4	4,996.81	3/4	4,611.72	3/4	4,212.81	3/4	3,808.64	3/4	3,404.47	3/4	3,000.30
8		8		8		8	5,360.36	8	4,988.95	8	4,603.57	8	4,204.39	8	3,800.22	8	3,396.05	8	2,991.88
1/4		1/4		1/4		1/4	5,352.76	1/4	4,981.07	1/4	4,595.39	1/4	4,195.97	1/4	3,791.80	1/4	3,387.63	1/4	2,983.46
1/2		1/2		1/2		1/2	5,345.14	1/2	4,973.16	1/2	4,587.19	1/2	4,187.55	1/2	3,783.38	1/2	3,379.21	1/2	2,975.04
3/4		3/4		3/4		3/4	5,337.52	3/4	4,965.25	3/4	4,578.99	3/4	4,179.13	3/4	3,774.96	3/4	3,370.79	3/4	2,966.62
9		9		9		9	5,329.90	9	4,957.33	9	4,570.79	9	4,170.71	9	3,766.54	9	3,362.37	9	2,958.20
1/4		1/4		1/4		1/4	5,322.28	1/4	4,949.42	1/4	4,562.58	1/4	4,162.29	1/4	3,758.12	1/4	3,353.95	1/4	2,949.78
1/2		1/2		1/2		1/2	5,314.66	1/2	4,941.51	1/2	4,554.38	1/2	4,153.87	1/2	3,749.70	1/2	3,345.53	1/2	2,941.36
3/4		3/4		3/4		3/4	5,307.05	3/4	4,933.60	3/4	4,546.18	3/4	4,145.45	3/4	3,741.28	3/4	3,337.11	3/4	2,932.94
10		10		10		10	5,299.43	10	4,925.69	10	4,537.98	10	4,137.03	10	3,732.86	10	3,328.69	10	2,924.52
1/4		1/4		1/4		1/4	5,291.78	1/4	4,917.76	1/4	4,529.75	1/4	4,128.61	1/4	3,724.44	1/4	3,320.27	1/4	2,916.10
1/2		1/2		1/2		1/2	5,284.11	1/2	4,909.80	1/2	4,521.50	1/2	4,120.19	1/2	3,716.02	1/2	3,311.85	1/2	2,907.68
3/4		3/4		3/4		3/4	5,276.45	3/4	4,901.84	3/4	4,513.25	3/4	4,111.77	3/4	3,707.60	3/4	3,303.43	3/4	2,899.26
11		11		11		11	5,268.78	11	4,893.88	11	4,505.00	11	4,103.35	11	3,699.18	11	3,295.01	11	2,890.84
1/4		1/4		1/4		1/4	5,261.11	1/4	4,885.92	1/4	4,496.75	1/4	4,094.93	1/4	3,690.76	1/4	3,286.59	1/4	2,882.42
1/2		1/2		1/2		1/2	5,253.44	1/2	4,877.96	1/2	4,488.50	1/2	4,086.51	1/2	3,682.34	1/2	3,278.17	1/2	2,874.00
3/4		3/4		3/4		3/4	5,245.78	3/4	4,870.00	3/4	4,480.25	3/4	4,078.09	3/4	3,673.92	3/4	3,269.75	3/4	2,865.58

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 STOPS AT UNDERSIDE OF DECK AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE AND MANUAL GAUGES TAKEN AT STANDPIPE.
GAUGE POINT: (HERMETIC) LOCATED 11'-02" OFF CENTERLINE AND 47'-07" FORWARD OF AFT BULKHEAD.
GAUGE POINT: (MANUAL) LOCATED 11'-02" OFF CENTERLINE AND 46'-02" FORWARD OF AFT BULKHEAD.

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

BARGE "KIRBY 30016T"

1 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "DXE 3059T"

GAUGE HEIGHT 17'-01"

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	2,857.16	0	2,452.99	0	2,048.82	0	1,644.65	0	1,240.48	0	836.38	0	432.25	0	48.55	0		0	
1/4	2,848.74	1/4	2,444.57	1/4	2,040.40	1/4	1,636.23	1/4	1,232.06	1/4	827.96	1/4	423.83	1/4	42.88	1/4		1/4	
1/2	2,840.32	1/2	2,436.15	1/2	2,031.98	1/2	1,627.81	1/2	1,223.64	1/2	819.54	1/2	415.41	1/2	37.86	1/2		1/2	
3/4	2,831.90	3/4	2,427.73	3/4	2,023.56	3/4	1,619.39	3/4	1,215.22	3/4	811.12	3/4	406.99	3/4	33.49	3/4		3/4	
1	2,823.48	1	2,419.31	1	2,015.14	1	1,610.97	1	1,206.80	1	802.71	1	398.57	1	29.12	1		1	
1/4	2,815.06	1/4	2,410.89	1/4	2,006.72	1/4	1,602.55	1/4	1,198.38	1/4	794.29	1/4	390.15	1/4		1/4		1/4	
1/2	2,806.64	1/2	2,402.47	1/2	1,998.30	1/2	1,594.13	1/2	1,189.96	1/2	785.87	1/2	381.73	1/2		1/2		1/2	
3/4	2,798.22	3/4	2,394.05	3/4	1,989.88	3/4	1,585.71	3/4	1,181.54	3/4	777.45	3/4	373.31	3/4		3/4		3/4	
2	2,789.80	2	2,385.63	2	1,981.46	2	1,577.29	2	1,173.12	2	769.04	2	364.89	2		2		2	
1/4	2,781.38	1/4	2,377.21	1/4	1,973.04	1/4	1,568.87	1/4	1,164.70	1/4	760.62	1/4	356.47	1/4		1/4		1/4	
1/2	2,772.96	1/2	2,368.79	1/2	1,964.62	1/2	1,560.45	1/2	1,156.28	1/2	752.20	1/2	348.05	1/2		1/2		1/2	
3/4	2,764.54	3/4	2,360.37	3/4	1,956.20	3/4	1,552.03	3/4	1,147.86	3/4	743.78	3/4	339.64	3/4		3/4		3/4	
3	2,756.11	3	2,351.95	3	1,947.78	3	1,543.61	3	1,139.44	3	735.36	3	331.23	3		3		3	
1/4	2,747.69	1/4	2,343.53	1/4	1,939.36	1/4	1,535.19	1/4	1,131.02	1/4	726.95	1/4	322.82	1/4		1/4		1/4	
1/2	2,739.27	1/2	2,335.10	1/2	1,930.94	1/2	1,526.77	1/2	1,122.60	1/2	718.53	1/2	314.42	1/2		1/2		1/2	
3/4	2,730.85	3/4	2,326.68	3/4	1,922.52	3/4	1,518.35	3/4	1,114.18	3/4	710.11	3/4	306.04	3/4		3/4		3/4	
4	2,722.43	4	2,318.26	4	1,914.09	4	1,509.93	4	1,105.76	4	701.69	4	297.66	4		4		4	
1/4	2,714.01	1/4	2,309.84	1/4	1,905.67	1/4	1,501.51	1/4	1,097.34	1/4	693.27	1/4	289.28	1/4		1/4		1/4	
1/2	2,705.59	1/2	2,301.42	1/2	1,897.25	1/2	1,493.08	1/2	1,088.92	1/2	684.86	1/2	280.92	1/2		1/2		1/2	
3/4	2,697.17	3/4	2,293.00	3/4	1,888.83	3/4	1,484.66	3/4	1,080.50	3/4	676.44	3/4	272.58	3/4		3/4		3/4	
5	2,688.75	5	2,284.58	5	1,880.41	5	1,476.24	5	1,072.07	5	668.02	5	264.25	5		5		5	
1/4	2,680.33	1/4	2,276.16	1/4	1,871.99	1/4	1,467.82	1/4	1,063.65	1/4	659.60	1/4	255.92	1/4		1/4		1/4	
1/2	2,671.91	1/2	2,267.74	1/2	1,863.57	1/2	1,459.40	1/2	1,055.24	1/2	651.18	1/2	247.62	1/2		1/2		1/2	
3/4	2,663.49	3/4	2,259.32	3/4	1,855.15	3/4	1,450.98	3/4	1,046.82	3/4	642.76	3/4	239.35	3/4		3/4		3/4	
6	2,655.07	6	2,250.90	6	1,846.73	6	1,442.56	6	1,038.40	6	634.34	6	231.09	6		6		6	
1/4	2,646.65	1/4	2,242.48	1/4	1,838.31	1/4	1,434.14	1/4	1,029.99	1/4	625.91	1/4	222.82	1/4		1/4		1/4	
1/2	2,638.23	1/2	2,234.06	1/2	1,829.89	1/2	1,425.72	1/2	1,021.57	1/2	617.49	1/2	214.60	1/2		1/2		1/2	
3/4	2,629.81	3/4	2,225.64	3/4	1,821.47	3/4	1,417.30	3/4	1,013.15	3/4	609.07	3/4	206.42	3/4		3/4		3/4	
7	2,621.39	7	2,217.22	7	1,813.05	7	1,408.88	7	1,004.73	7	600.65	7	198.24	7		7		7	
1/4	2,612.97	1/4	2,208.80	1/4	1,804.63	1/4	1,400.46	1/4	996.32	1/4	592.23	1/4	190.06	1/4		1/4		1/4	
1/2	2,604.55	1/2	2,200.38	1/2	1,796.21	1/2	1,392.04	1/2	987.90	1/2	583.81	1/2	181.93	1/2		1/2		1/2	
3/4	2,596.13	3/4	2,191.96	3/4	1,787.79	3/4	1,383.62	3/4	979.48	3/4	575.39	3/4	173.84	3/4		3/4		3/4	
8	2,587.71	8	2,183.54	8	1,779.37	8	1,375.20	8	971.06	8	566.97	8	165.75	8		8		8	
1/4	2,579.29	1/4	2,175.12	1/4	1,770.95	1/4	1,366.78	1/4	962.64	1/4	558.55	1/4	157.66	1/4		1/4		1/4	
1/2	2,570.87	1/2	2,166.70	1/2	1,762.53	1/2	1,358.36	1/2	954.23	1/2	550.13	1/2	149.62	1/2		1/2		1/2	
3/4	2,562.45	3/4	2,158.28	3/4	1,754.11	3/4	1,349.94	3/4	945.81	3/4	541.71	3/4	141.62	3/4		3/4		3/4	
9	2,554.03	9	2,149.86	9	1,745.69	9	1,341.52	9	937.39	9	533.29	9	133.62	9		9		9	
1/4	2,545.61	1/4	2,141.44	1/4	1,737.27	1/4	1,333.10	1/4	928.97	1/4	524.87	1/4	125.62	1/4		1/4		1/4	
1/2	2,537.19	1/2	2,133.02	1/2	1,728.85	1/2	1,324.68	1/2	920.56	1/2	516.45	1/2	117.73	1/2		1/2		1/2	
3/4	2,528.77	3/4	2,124.60	3/4	1,720.43	3/4	1,316.26	3/4	912.14	3/4	508.03	3/4	109.93	3/4		3/4		3/4	
10	2,520.35	10	2,116.18	10	1,712.01	10	1,307.84	10	903.72	10	499.61	10	102.13	10		10		10	
1/4	2,511.93	1/4	2,107.76	1/4	1,703.59	1/4	1,299.42	1/4	895.30	1/4	491.19	1/4	94.33	1/4		1/4		1/4	
1/2	2,503.51	1/2	2,099.34	1/2	1,695.17	1/2	1,291.00	1/2	886.88	1/2	482.77	1/2	86.96	1/2		1/2		1/2	
3/4	2,495.09	3/4	2,090.92	3/4	1,686.75	3/4	1,282.58	3/4	878.47	3/4	474.35	3/4	80.04	3/4		3/4		3/4	
11	2,486.67	11	2,082.50	11	1,678.33	11	1,274.16	11	870.05	11	465.93	11	73.11	11		11		11	
1/4	2,478.25	1/4	2,074.08	1/4	1,669.91	1/4	1,265.74	1/4	861.63	1/4	457.51	1/4	66.18	1/4		1/4		1/4	
1/2	2,469.83	1/2	2,065.66	1/2	1,661.49	1/2	1,257.32	1/2	853.21	1/2	449.09	1/2	59.88	1/2		1/2		1/2	
3/4	2,461.41	3/4	2,057.24	3/4	1,653.07	3/4	1,248.90	3/4	844.80	3/4	440.67	3/4	54.22	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/12/1996 SI
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CANCELS AND SUPERCEDES
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PRECISION MEASUREMENT
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Pearland, Texas 77588
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BARGE "KIRBY 30016T"

2 PORT
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "DXE 3059T"

GAUGE HEIGHT 17'-00 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	5,007.53	0	4,709.58	0	4,369.46	0	4,016.58	0	3,653.23	0	3,288.78	0	2,924.34
1/4		1/4		1/4		1/4	5,005.28	1/4	4,702.63	1/4	4,362.24	1/4	4,009.09	1/4	3,645.64	1/4	3,281.19	1/4	2,916.75
1/2		1/2		1/2		1/2	5,002.38	1/2	4,695.68	1/2	4,355.02	1/2	4,001.61	1/2	3,638.04	1/2	3,273.60	1/2	2,909.15
3/4		3/4		3/4		3/4	4,998.84	3/4	4,688.73	3/4	4,347.81	3/4	3,994.13	3/4	3,630.45	3/4	3,266.01	3/4	2,901.56
1		1		1		1	4,995.30	1	4,681.76	1	4,340.57	1	3,986.63	1	3,622.86	1	3,258.41	1	2,893.97
1/4		1/4		1/4		1/4	4,991.76	1/4	4,674.76	1/4	4,333.31	1/4	3,979.10	1/4	3,615.27	1/4	3,250.82	1/4	2,886.38
1/2		1/2		1/2		1/2	4,987.57	1/2	4,667.77	1/2	4,326.05	1/2	3,971.57	1/2	3,607.67	1/2	3,243.23	1/2	2,878.78
3/4		3/4		3/4		3/4	4,982.74	3/4	4,660.77	3/4	4,318.79	3/4	3,964.05	3/4	3,600.08	3/4	3,235.64	3/4	2,871.19
2		2		2		2	4,977.92	2	4,653.78	2	4,311.53	2	3,956.52	2	3,592.49	2	3,228.04	2	2,863.60
1/4		1/4		1/4		1/4	4,973.09	1/4	4,646.78	1/4	4,304.27	1/4	3,949.00	1/4	3,584.90	1/4	3,220.45	1/4	2,856.01
1/2		1/2		1/2		1/2	4,967.61	1/2	4,639.79	1/2	4,297.01	1/2	3,941.47	1/2	3,577.30	1/2	3,212.86	1/2	2,848.41
3/4		3/4		3/4		3/4	4,961.50	3/4	4,632.79	3/4	4,289.75	3/4	3,933.94	3/4	3,569.71	3/4	3,205.27	3/4	2,840.82
3		3		3		3	4,955.38	3	4,625.78	3	4,282.47	3	3,926.40	3	3,562.12	3	3,197.67	3	2,833.23
1/4		1/4		1/4		1/4	4,949.26	1/4	4,618.74	1/4	4,275.16	1/4	3,918.82	1/4	3,554.53	1/4	3,190.08	1/4	2,825.64
1/2		1/2		1/2		1/2	4,942.81	1/2	4,611.70	1/2	4,267.86	1/2	3,911.25	1/2	3,546.93	1/2	3,182.49	1/2	2,818.04
3/4		3/4		3/4		3/4	4,936.03	3/4	4,604.66	3/4	4,260.55	3/4	3,903.68	3/4	3,539.34	3/4	3,174.90	3/4	2,810.45
4		4		4		4	4,929.26	4	4,597.62	4	4,253.25	4	3,896.11	4	3,531.75	4	3,167.30	4	2,802.86
1/4		1/4		1/4		1/4	4,922.48	1/4	4,590.58	1/4	4,245.94	1/4	3,888.54	1/4	3,524.15	1/4	3,159.71	1/4	2,795.27
1/2		1/2		1/2		1/2	4,915.70	1/2	4,583.54	1/2	4,238.64	1/2	3,880.97	1/2	3,516.56	1/2	3,152.12	1/2	2,787.67
3/4		3/4		3/4		3/4	4,908.92	3/4	4,576.51	3/4	4,231.33	3/4	3,873.40	3/4	3,508.97	3/4	3,144.52	3/4	2,780.08
5		5		5		5	4,902.12	5	4,569.44	5	4,224.01	5	3,865.82	5	3,501.38	5	3,136.93	5	2,772.49
1/4		1/4		1/4		1/4	4,895.30	1/4	4,562.36	1/4	4,216.66	1/4	3,858.23	1/4	3,493.78	1/4	3,129.34	1/4	2,764.89
1/2		1/2		1/2		1/2	4,888.49	1/2	4,555.28	1/2	4,209.31	1/2	3,850.64	1/2	3,486.19	1/2	3,121.75	1/2	2,757.30
3/4		3/4		3/4		3/4	4,881.67	3/4	4,548.20	3/4	4,201.96	3/4	3,843.04	3/4	3,478.60	3/4	3,114.15	3/4	2,749.71
6		6		6		6	4,874.85	6	4,541.11	6	4,194.61	6	3,835.45	6	3,471.01	6	3,106.56	6	2,742.12
1/4		1/4		1/4		1/4	4,868.04	1/4	4,534.03	1/4	4,187.26	1/4	3,827.86	1/4	3,463.41	1/4	3,098.97	1/4	2,734.52
1/2		1/2		1/2		1/2	4,861.22	1/2	4,526.95	1/2	4,179.91	1/2	3,820.27	1/2	3,455.82	1/2	3,091.38	1/2	2,726.93
3/4		3/4		3/4		3/4	4,854.40	3/4	4,519.86	3/4	4,172.56	3/4	3,812.67	3/4	3,448.23	3/4	3,083.78	3/4	2,719.34
7		7		7		7	4,847.56	7	4,512.76	7	4,165.19	7	3,805.08	7	3,440.64	7	3,076.19	7	2,711.75
1/4		1/4		1/4		1/4	4,840.70	1/4	4,505.63	1/4	4,157.80	1/4	3,797.49	1/4	3,433.04	1/4	3,068.60	1/4	2,704.15
1/2		1/2		1/2		1/2	4,833.84	1/2	4,498.50	1/2	4,150.41	1/2	3,789.90	1/2	3,425.45	1/2	3,061.01	1/2	2,696.56
3/4		3/4		3/4		3/4	4,826.98	3/4	4,491.38	3/4	4,143.01	3/4	3,782.30	3/4	3,417.86	3/4	3,053.41	3/4	2,688.97
8		8		8		8	4,820.12	8	4,484.25	8	4,135.62	8	3,774.71	8	3,410.27	8	3,045.82	8	2,681.38
1/4		1/4		1/4		1/4	4,813.25	1/4	4,477.12	1/4	4,128.23	1/4	3,767.12	1/4	3,402.67	1/4	3,038.23	1/4	2,673.78
1/2		1/2		1/2		1/2	4,806.39	1/2	4,469.99	1/2	4,120.83	1/2	3,759.53	1/2	3,395.08	1/2	3,030.64	1/2	2,666.19
3/4		3/4		3/4		3/4	4,799.53	3/4	4,462.87	3/4	4,113.44	3/4	3,751.93	3/4	3,387.49	3/4	3,023.04	3/4	2,658.60
9		9		9		9	4,792.65	9	4,455.72	9	4,106.03	9	3,744.34	9	3,379.90	9	3,015.45	9	2,651.01
1/4		1/4		1/4		1/4	4,785.74	1/4	4,448.55	1/4	4,098.59	1/4	3,736.75	1/4	3,372.30	1/4	3,007.86	1/4	2,643.41
1/2		1/2		1/2		1/2	4,778.84	1/2	4,441.37	1/2	4,091.15	1/2	3,729.16	1/2	3,364.71	1/2	3,000.27	1/2	2,635.82
3/4		3/4		3/4		3/4	4,771.93	3/4	4,434.20	3/4	4,083.71	3/4	3,721.56	3/4	3,357.12	3/4	2,992.67	3/4	2,628.23
10		10		10		10	4,765.02	10	4,427.03	10	4,076.28	10	3,713.97	10	3,349.53	10	2,985.08	10	2,620.64
1/4		1/4		1/4		1/4	4,758.12	1/4	4,419.86	1/4	4,068.84	1/4	3,706.38	1/4	3,341.93	1/4	2,977.49	1/4	2,613.04
1/2		1/2		1/2		1/2	4,751.21	1/2	4,412.69	1/2	4,061.40	1/2	3,698.78	1/2	3,334.34	1/2	2,969.90	1/2	2,605.45
3/4		3/4		3/4		3/4	4,744.31	3/4	4,405.51	3/4	4,053.96	3/4	3,691.19	3/4	3,326.75	3/4	2,962.30	3/4	2,597.86
11		11		11		11	4,737.38	11	4,398.32	11	4,046.50	11	3,683.60	11	3,319.15	11	2,954.71	11	2,590.27
1/4		1/4		1/4		1/4	4,730.43	1/4	4,391.10	1/4	4,039.02	1/4	3,676.01	1/4	3,311.56	1/4	2,947.12	1/4	2,582.67
1/2		1/2		1/2		1/2	4,723.48	1/2	4,383.89	1/2	4,031.54	1/2	3,668.41	1/2	3,303.97	1/2	2,939.52	1/2	2,575.08
3/4		3/4		3/4		3/4	4,716.53	3/4	4,376.67	3/4	4,024.06	3/4	3,660.82	3/4	3,296.38	3/4	2,931.93	3/4	2,567.49

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 STOPS AT UNDERSIDE OF DECK AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE AND MANUAL GAUGES TAKEN AT STANDPIPE.
GAUGE POINT: (HERMETIC) LOCATED 11'-01" OFF CENTERLINE AND 41'-05" FORWARD OF AFT BULKHEAD.
GAUGE POINT: (MANUAL) LOCATED 11'-01" OFF CENTERLINE AND 40'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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http://www.pmacorp.net

BARGE "KIRBY 30016T"

2 PORT
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "DXE 3059T"

GAUGE HEIGHT 17'-00 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	2,559.89	0	2,195.45	0	1,831.01	0	1,466.56	0	1,102.12	0	742.92	0	383.61	0	35.78	0		0	
1/4	2,552.30	1/4	2,187.86	1/4	1,823.41	1/4	1,458.97	1/4	1,094.52	1/4	735.58	1/4	376.03	1/4	31.70	1/4		1/4	
1/2	2,544.71	1/2	2,180.26	1/2	1,815.82	1/2	1,451.38	1/2	1,086.93	1/2	728.23	1/2	368.44	1/2	27.61	1/2		1/2	
3/4	2,537.12	3/4	2,172.67	3/4	1,808.23	3/4	1,443.78	3/4	1,079.34	3/4	720.89	3/4	360.86	3/4		3/4		3/4	
1	2,529.52	1	2,165.08	1	1,800.63	1	1,436.19	1	1,071.75	1	713.55	1	353.28	1		1		1	
1/4	2,521.93	1/4	2,157.49	1/4	1,793.04	1/4	1,428.60	1/4	1,064.15	1/4	706.21	1/4	345.70	1/4		1/4		1/4	
1/2	2,514.34	1/2	2,149.89	1/2	1,785.45	1/2	1,421.00	1/2	1,056.56	1/2	698.87	1/2	338.12	1/2		1/2		1/2	
3/4	2,506.75	3/4	2,142.30	3/4	1,777.86	3/4	1,413.41	3/4	1,048.97	3/4	691.52	3/4	330.53	3/4		3/4		3/4	
2	2,499.15	2	2,134.71	2	1,770.26	2	1,405.82	2	1,041.37	2	684.18	2	322.95	2		2		2	
1/4	2,491.56	1/4	2,127.12	1/4	1,762.67	1/4	1,398.23	1/4	1,033.78	1/4	676.84	1/4	315.37	1/4		1/4		1/4	
1/2	2,483.97	1/2	2,119.52	1/2	1,755.08	1/2	1,390.63	1/2	1,026.19	1/2	669.50	1/2	307.79	1/2		1/2		1/2	
3/4	2,476.38	3/4	2,111.93	3/4	1,747.49	3/4	1,383.04	3/4	1,018.60	3/4	662.16	3/4	300.20	3/4		3/4		3/4	
3	2,468.78	3	2,104.34	3	1,739.89	3	1,375.45	3	1,011.00	3	654.82	3	292.62	3		3		3	
1/4	2,461.19	1/4	2,096.75	1/4	1,732.30	1/4	1,367.86	1/4	1,003.41	1/4	647.47	1/4	285.04	1/4		1/4		1/4	
1/2	2,453.60	1/2	2,089.15	1/2	1,724.71	1/2	1,360.26	1/2	995.82	1/2	640.13	1/2	277.46	1/2		1/2		1/2	
3/4	2,446.01	3/4	2,081.56	3/4	1,717.12	3/4	1,352.67	3/4	988.23	3/4	632.79	3/4	269.88	3/4		3/4		3/4	
4	2,438.41	4	2,073.97	4	1,709.52	4	1,345.08	4	980.63	4	625.45	4	262.29	4		4		4	
1/4	2,430.82	1/4	2,066.38	1/4	1,701.93	1/4	1,337.49	1/4	973.04	1/4	618.11	1/4	254.71	1/4		1/4		1/4	
1/2	2,423.23	1/2	2,058.78	1/2	1,694.34	1/2	1,329.89	1/2	965.45	1/2	610.77	1/2	247.13	1/2		1/2		1/2	
3/4	2,415.64	3/4	2,051.19	3/4	1,686.75	3/4	1,322.30	3/4	957.86	3/4	603.42	3/4	239.55	3/4		3/4		3/4	
5	2,408.04	5	2,043.60	5	1,679.15	5	1,314.71	5	950.26	5	595.97	5	231.96	5		5		5	
1/4	2,400.45	1/4	2,036.01	1/4	1,671.56	1/4	1,307.12	1/4	942.67	1/4	588.40	1/4	224.38	1/4		1/4		1/4	
1/2	2,392.86	1/2	2,028.41	1/2	1,663.97	1/2	1,299.52	1/2	935.08	1/2	580.84	1/2	216.80	1/2		1/2		1/2	
3/4	2,385.27	3/4	2,020.82	3/4	1,656.38	3/4	1,291.93	3/4	927.49	3/4	573.27	3/4	209.22	3/4		3/4		3/4	
6	2,377.67	6	2,013.23	6	1,648.78	6	1,284.34	6	919.91	6	565.69	6	201.63	6		6		6	
1/4	2,370.08	1/4	2,005.64	1/4	1,641.19	1/4	1,276.75	1/4	912.34	1/4	558.10	1/4	194.04	1/4		1/4		1/4	
1/2	2,362.49	1/2	1,998.04	1/2	1,633.60	1/2	1,269.15	1/2	904.77	1/2	550.51	1/2	186.45	1/2		1/2		1/2	
3/4	2,354.89	3/4	1,990.45	3/4	1,626.01	3/4	1,261.56	3/4	897.21	3/4	542.91	3/4	178.86	3/4		3/4		3/4	
7	2,347.30	7	1,982.86	7	1,618.41	7	1,253.97	7	889.75	7	535.32	7	171.27	7		7		7	
1/4	2,339.71	1/4	1,975.26	1/4	1,610.82	1/4	1,246.38	1/4	882.41	1/4	527.73	1/4	163.68	1/4		1/4		1/4	
1/2	2,332.12	1/2	1,967.67	1/2	1,603.23	1/2	1,238.78	1/2	875.07	1/2	520.14	1/2	156.09	1/2		1/2		1/2	
3/4	2,324.52	3/4	1,960.08	3/4	1,595.63	3/4	1,231.19	3/4	867.73	3/4	512.54	3/4	148.50	3/4		3/4		3/4	
8	2,316.93	8	1,952.49	8	1,588.04	8	1,223.60	8	860.39	8	504.95	8	140.91	8		8		8	
1/4	2,309.34	1/4	1,944.89	1/4	1,580.45	1/4	1,216.00	1/4	853.04	1/4	497.37	1/4	133.31	1/4		1/4		1/4	
1/2	2,301.75	1/2	1,937.30	1/2	1,572.86	1/2	1,208.41	1/2	845.70	1/2	489.79	1/2	125.72	1/2		1/2		1/2	
3/4	2,294.15	3/4	1,929.71	3/4	1,565.26	3/4	1,200.82	3/4	838.36	3/4	482.20	3/4	118.13	3/4		3/4		3/4	
9	2,286.56	9	1,922.12	9	1,557.67	9	1,193.23	9	831.02	9	474.62	9	110.54	9		9		9	
1/4	2,278.97	1/4	1,914.52	1/4	1,550.08	1/4	1,185.63	1/4	823.68	1/4	467.03	1/4	102.94	1/4		1/4		1/4	
1/2	2,271.38	1/2	1,906.93	1/2	1,542.49	1/2	1,178.04	1/2	816.34	1/2	459.45	1/2	95.50	1/2		1/2		1/2	
3/4	2,263.78	3/4	1,899.34	3/4	1,534.89	3/4	1,170.45	3/4	808.99	3/4	451.87	3/4	88.20	3/4		3/4		3/4	
10	2,256.19	10	1,891.75	10	1,527.30	10	1,162.86	10	801.65	10	444.28	10	81.33	10		10		10	
1/4	2,248.60	1/4	1,884.15	1/4	1,519.71	1/4	1,155.26	1/4	794.31	1/4	436.70	1/4	74.91	1/4		1/4		1/4	
1/2	2,241.01	1/2	1,876.56	1/2	1,512.12	1/2	1,147.67	1/2	786.97	1/2	429.11	1/2	68.48	1/2		1/2		1/2	
3/4	2,233.41	3/4	1,868.97	3/4	1,504.52	3/4	1,140.08	3/4	779.63	3/4	421.53	3/4	62.06	3/4		3/4		3/4	
11	2,225.82	11	1,861.38	11	1,496.93	11	1,132.49	11	772.28	11	413.94	11	56.22	11		11		11	
1/4	2,218.23	1/4	1,853.78	1/4	1,489.34	1/4	1,124.89	1/4	764.94	1/4	406.36	1/4	50.97	1/4		1/4		1/4	
1/2	2,210.64	1/2	1,846.19	1/2	1,481.75	1/2	1,117.30	1/2	757.60	1/2	398.78	1/2	45.71	1/2		1/2		1/2	
3/4	2,203.04	3/4	1,838.60	3/4	1,474.15	3/4	1,109.71	3/4	750.26	3/4	391.19	3/4	40.45	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/12/1996 SI
REPRINTED: 12/19/2001 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2001

PRECISION MEASUREMENT
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BARGE "KIRBY 30016T"

2 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "DXE 3059T"

GAUGE HEIGHT 17'-01"

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		0		0	4,738.92	0	4,398.98	0	4,046.27	0	3,682.77	0	3,317.95	0	2,953.13
1/4		1/4		1/4		1/4		1/4	4,731.96	1/4	4,391.76	1/4	4,038.78	1/4	3,675.17	1/4	3,310.35	1/4	2,945.53
1/2		1/2		1/2		1/2	5,023.26	1/2	4,725.00	1/2	4,384.53	1/2	4,031.29	1/2	3,667.57	1/2	3,302.75	1/2	2,937.93
3/4		3/4		3/4		3/4	5,021.01	3/4	4,718.04	3/4	4,377.31	3/4	4,023.80	3/4	3,659.97	3/4	3,295.15	3/4	2,930.33
1		1		1		1	5,018.11	1	4,711.09	1	4,370.08	1	4,016.31	1	3,652.37	1	3,287.55	1	2,922.73
1/4		1/4		1/4		1/4	5,014.56	1/4	4,704.13	1/4	4,362.86	1/4	4,008.82	1/4	3,644.77	1/4	3,279.95	1/4	2,915.13
1/2		1/2		1/2		1/2	5,011.02	1/2	4,697.15	1/2	4,355.62	1/2	4,001.31	1/2	3,637.17	1/2	3,272.35	1/2	2,907.53
3/4		3/4		3/4		3/4	5,007.47	3/4	4,690.15	3/4	4,348.35	3/4	3,993.77	3/4	3,629.57	3/4	3,264.75	3/4	2,899.93
2		2		2		2	5,003.28	2	4,683.15	2	4,341.08	2	3,986.24	2	3,621.97	2	3,257.15	2	2,892.33
1/4		1/4		1/4		1/4	4,998.45	1/4	4,676.15	1/4	4,333.81	1/4	3,978.71	1/4	3,614.37	1/4	3,249.55	1/4	2,884.73
1/2		1/2		1/2		1/2	4,993.62	1/2	4,669.14	1/2	4,326.54	1/2	3,971.17	1/2	3,606.77	1/2	3,241.95	1/2	2,877.13
3/4		3/4		3/4		3/4	4,988.78	3/4	4,662.14	3/4	4,319.28	3/4	3,963.64	3/4	3,599.16	3/4	3,234.35	3/4	2,869.53
3		3		3		3	4,983.30	3	4,655.14	3	4,312.01	3	3,956.10	3	3,591.56	3	3,226.75	3	2,861.93
1/4		1/4		1/4		1/4	4,977.18	1/4	4,648.14	1/4	4,304.74	1/4	3,948.57	1/4	3,583.96	1/4	3,219.14	1/4	2,854.33
1/2		1/2		1/2		1/2	4,971.05	1/2	4,641.11	1/2	4,297.45	1/2	3,941.01	1/2	3,576.36	1/2	3,211.54	1/2	2,846.73
3/4		3/4		3/4		3/4	4,964.93	3/4	4,634.07	3/4	4,290.14	3/4	3,933.44	3/4	3,568.76	3/4	3,203.94	3/4	2,839.12
4		4		4		4	4,958.48	4	4,627.02	4	4,282.83	4	3,925.86	4	3,561.16	4	3,196.34	4	2,831.52
1/4		1/4		1/4		1/4	4,951.69	1/4	4,619.98	1/4	4,275.51	1/4	3,918.28	1/4	3,553.56	1/4	3,188.74	1/4	2,823.92
1/2		1/2		1/2		1/2	4,944.90	1/2	4,612.93	1/2	4,268.20	1/2	3,910.70	1/2	3,545.96	1/2	3,181.14	1/2	2,816.32
3/4		3/4		3/4		3/4	4,938.12	3/4	4,605.88	3/4	4,260.89	3/4	3,903.12	3/4	3,538.36	3/4	3,173.54	3/4	2,808.72
5		5		5		5	4,931.33	5	4,598.84	5	4,253.58	5	3,895.55	5	3,530.76	5	3,165.94	5	2,801.12
1/4		1/4		1/4		1/4	4,924.55	1/4	4,591.79	1/4	4,246.27	1/4	3,887.97	1/4	3,523.16	1/4	3,158.34	1/4	2,793.52
1/2		1/2		1/2		1/2	4,917.74	1/2	4,584.73	1/2	4,238.93	1/2	3,880.38	1/2	3,515.56	1/2	3,150.74	1/2	2,785.92
3/4		3/4		3/4		3/4	4,910.92	3/4	4,577.63	3/4	4,231.58	3/4	3,872.78	3/4	3,507.96	3/4	3,143.14	3/4	2,778.32
6		6		6		6	4,904.10	6	4,570.54	6	4,224.22	6	3,865.18	6	3,500.36	6	3,135.54	6	2,770.72
1/4		1/4		1/4		1/4	4,897.27	1/4	4,563.45	1/4	4,216.86	1/4	3,857.58	1/4	3,492.76	1/4	3,127.94	1/4	2,763.12
1/2		1/2		1/2		1/2	4,890.45	1/2	4,556.36	1/2	4,209.51	1/2	3,849.98	1/2	3,485.16	1/2	3,120.34	1/2	2,755.52
3/4		3/4		3/4		3/4	4,883.62	3/4	4,549.27	3/4	4,202.15	3/4	3,842.38	3/4	3,477.56	3/4	3,112.74	3/4	2,747.92
7		7		7		7	4,876.80	7	4,542.18	7	4,194.79	7	3,834.78	7	3,469.96	7	3,105.14	7	2,740.32
1/4		1/4		1/4		1/4	4,869.97	1/4	4,535.09	1/4	4,187.44	1/4	3,827.18	1/4	3,462.36	1/4	3,097.54	1/4	2,732.72
1/2		1/2		1/2		1/2	4,863.13	1/2	4,527.98	1/2	4,180.06	1/2	3,819.58	1/2	3,454.76	1/2	3,089.94	1/2	2,725.12
3/4		3/4		3/4		3/4	4,856.26	3/4	4,520.84	3/4	4,172.66	3/4	3,811.98	3/4	3,447.16	3/4	3,082.34	3/4	2,717.52
8		8		8		8	4,849.39	8	4,513.71	8	4,165.26	8	3,804.38	8	3,439.56	8	3,074.74	8	2,709.92
1/4		1/4		1/4		1/4	4,842.52	1/4	4,506.58	1/4	4,157.86	1/4	3,796.78	1/4	3,431.96	1/4	3,067.14	1/4	2,702.32
1/2		1/2		1/2		1/2	4,835.65	1/2	4,499.44	1/2	4,150.46	1/2	3,789.17	1/2	3,424.36	1/2	3,059.54	1/2	2,694.72
3/4		3/4		3/4		3/4	4,828.78	3/4	4,492.31	3/4	4,143.05	3/4	3,781.57	3/4	3,416.76	3/4	3,051.94	3/4	2,687.12
9		9		9		9	4,821.92	9	4,485.17	9	4,135.65	9	3,773.97	9	3,409.15	9	3,044.34	9	2,679.52
1/4		1/4		1/4		1/4	4,815.05	1/4	4,478.04	1/4	4,128.25	1/4	3,766.37	1/4	3,401.55	1/4	3,036.74	1/4	2,671.92
1/2		1/2		1/2		1/2	4,808.16	1/2	4,470.88	1/2	4,120.83	1/2	3,758.77	1/2	3,393.95	1/2	3,029.13	1/2	2,664.32
3/4		3/4		3/4		3/4	4,801.24	3/4	4,463.70	3/4	4,113.39	3/4	3,751.17	3/4	3,386.35	3/4	3,021.53	3/4	2,656.72
10		10		10		10	4,794.33	10	4,456.52	10	4,105.94	10	3,743.57	10	3,378.75	10	3,013.93	10	2,649.11
1/4		1/4		1/4		1/4	4,787.42	1/4	4,449.34	1/4	4,098.49	1/4	3,735.97	1/4	3,371.15	1/4	3,006.33	1/4	2,641.51
1/2		1/2		1/2		1/2	4,780.50	1/2	4,442.16	1/2	4,091.05	1/2	3,728.37	1/2	3,363.55	1/2	2,998.73	1/2	2,633.91
3/4		3/4		3/4		3/4	4,773.59	3/4	4,434.98	3/4	4,083.60	3/4	3,720.77	3/4	3,355.95	3/4	2,991.13	3/4	2,626.31
11		11		11		11	4,766.68	11	4,427.81	11	4,076.16	11	3,713.17	11	3,348.35	11	2,983.53	11	2,618.71
1/4		1/4		1/4		1/4	4,759.77	1/4	4,420.63	1/4	4,068.71	1/4	3,705.57	1/4	3,340.75	1/4	2,975.93	1/4	2,611.11
1/2		1/2		1/2		1/2	4,752.83	1/2	4,413.43	1/2	4,061.25	1/2	3,697.97	1/2	3,333.15	1/2	2,968.33	1/2	2,603.51
3/4		3/4		3/4		3/4	4,745.87	3/4	4,406.20	3/4	4,053.76	3/4	3,690.37	3/4	3,325.55	3/4	2,960.73	3/4	2,595.91

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 STOPS AT UNDERSIDE OF DECK AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE AND MANUAL GAUGES TAKEN AT STANDPIPE.
GAUGE POINT: (HERMETIC) LOCATED 11'-02" OFF CENTERLINE AND 41'-05" FORWARD OF AFT BULKHEAD.
GAUGE POINT: (MANUAL) LOCATED 11'-02" OFF CENTERLINE AND 40'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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Pearland, Texas 77588
http://www.pmacorp.net

BARGE "KIRBY 30016T"

2 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "DXE 3059T"

GAUGE HEIGHT 17'-01"

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	2,588.31	0	2,223.49	0	1,858.67	0	1,493.85	0	1,129.03	0	764.22	0	399.40	0	45.75	0		0	
1/4	2,580.71	1/4	2,215.89	1/4	1,851.07	1/4	1,486.25	1/4	1,121.43	1/4	756.62	1/4	391.80	1/4	40.49	1/4		1/4	
1/2	2,573.11	1/2	2,208.29	1/2	1,843.47	1/2	1,478.65	1/2	1,113.83	1/2	749.01	1/2	384.20	1/2	35.82	1/2		1/2	
3/4	2,565.51	3/4	2,200.69	3/4	1,835.87	3/4	1,471.05	3/4	1,106.23	3/4	741.41	3/4	376.60	3/4	31.72	3/4		3/4	
1	2,557.91	1	2,193.09	1	1,828.27	1	1,463.45	1	1,098.63	1	733.81	1	369.00	1	27.63	1		1	
1/4	2,550.31	1/4	2,185.49	1/4	1,820.67	1/4	1,455.85	1/4	1,091.03	1/4	726.21	1/4	361.40	1/4		1/4		1/4	
1/2	2,542.71	1/2	2,177.89	1/2	1,813.07	1/2	1,448.25	1/2	1,083.43	1/2	718.61	1/2	353.80	1/2		1/2		1/2	
3/4	2,535.11	3/4	2,170.29	3/4	1,805.47	3/4	1,440.65	3/4	1,075.83	3/4	711.01	3/4	346.20	3/4		3/4		3/4	
2	2,527.51	2	2,162.69	2	1,797.87	2	1,433.05	2	1,068.23	2	703.41	2	338.61	2		2		2	
1/4	2,519.91	1/4	2,155.09	1/4	1,790.27	1/4	1,425.45	1/4	1,060.63	1/4	695.81	1/4	331.01	1/4		1/4		1/4	
1/2	2,512.31	1/2	2,147.49	1/2	1,782.67	1/2	1,417.85	1/2	1,053.03	1/2	688.21	1/2	323.41	1/2		1/2		1/2	
3/4	2,504.71	3/4	2,139.89	3/4	1,775.07	3/4	1,410.25	3/4	1,045.43	3/4	680.61	3/4	315.81	3/4		3/4		3/4	
3	2,497.11	3	2,132.29	3	1,767.47	3	1,402.65	3	1,037.83	3	673.01	3	308.21	3		3		3	
1/4	2,489.51	1/4	2,124.69	1/4	1,759.87	1/4	1,395.05	1/4	1,030.23	1/4	665.41	1/4	300.61	1/4		1/4		1/4	
1/2	2,481.91	1/2	2,117.09	1/2	1,752.27	1/2	1,387.45	1/2	1,022.63	1/2	657.81	1/2	293.02	1/2		1/2		1/2	
3/4	2,474.31	3/4	2,109.49	3/4	1,744.67	3/4	1,379.85	3/4	1,015.03	3/4	650.21	3/4	285.42	3/4		3/4		3/4	
4	2,466.71	4	2,101.89	4	1,737.07	4	1,372.25	4	1,007.43	4	642.61	4	277.82	4		4		4	
1/4	2,459.10	1/4	2,094.29	1/4	1,729.47	1/4	1,364.65	1/4	999.83	1/4	635.01	1/4	270.22	1/4		1/4		1/4	
1/2	2,451.50	1/2	2,086.69	1/2	1,721.87	1/2	1,357.05	1/2	992.23	1/2	627.41	1/2	262.62	1/2		1/2		1/2	
3/4	2,443.90	3/4	2,079.08	3/4	1,714.27	3/4	1,349.45	3/4	984.63	3/4	619.81	3/4	255.02	3/4		3/4		3/4	
5	2,436.30	5	2,071.48	5	1,706.67	5	1,341.85	5	977.03	5	612.21	5	247.43	5		5		5	
1/4	2,428.70	1/4	2,063.88	1/4	1,699.06	1/4	1,334.25	1/4	969.43	1/4	604.61	1/4	239.83	1/4		1/4		1/4	
1/2	2,421.10	1/2	2,056.28	1/2	1,691.46	1/2	1,326.65	1/2	961.83	1/2	597.01	1/2	232.23	1/2		1/2		1/2	
3/4	2,413.50	3/4	2,048.68	3/4	1,683.86	3/4	1,319.04	3/4	954.23	3/4	589.41	3/4	224.63	3/4		3/4		3/4	
6	2,405.90	6	2,041.08	6	1,676.26	6	1,311.44	6	946.63	6	581.81	6	217.03	6		6		6	
1/4	2,398.30	1/4	2,033.48	1/4	1,668.66	1/4	1,303.84	1/4	939.02	1/4	574.21	1/4	209.43	1/4		1/4		1/4	
1/2	2,390.70	1/2	2,025.88	1/2	1,661.06	1/2	1,296.24	1/2	931.42	1/2	566.61	1/2	201.83	1/2		1/2		1/2	
3/4	2,383.10	3/4	2,018.28	3/4	1,653.46	3/4	1,288.64	3/4	923.82	3/4	559.00	3/4	194.24	3/4		3/4		3/4	
7	2,375.50	7	2,010.68	7	1,645.86	7	1,281.04	7	916.22	7	551.40	7	186.64	7		7		7	
1/4	2,367.90	1/4	2,003.08	1/4	1,638.26	1/4	1,273.44	1/4	908.62	1/4	543.80	1/4	179.04	1/4		1/4		1/4	
1/2	2,360.30	1/2	1,995.48	1/2	1,630.66	1/2	1,265.84	1/2	901.02	1/2	536.20	1/2	171.44	1/2		1/2		1/2	
3/4	2,352.70	3/4	1,987.88	3/4	1,623.06	3/4	1,258.24	3/4	893.42	3/4	528.60	3/4	163.84	3/4		3/4		3/4	
8	2,345.10	8	1,980.28	8	1,615.46	8	1,250.64	8	885.82	8	521.00	8	156.24	8		8		8	
1/4	2,337.50	1/4	1,972.68	1/4	1,607.86	1/4	1,243.04	1/4	878.22	1/4	513.40	1/4	148.65	1/4		1/4		1/4	
1/2	2,329.90	1/2	1,965.08	1/2	1,600.26	1/2	1,235.44	1/2	870.62	1/2	505.80	1/2	141.05	1/2		1/2		1/2	
3/4	2,322.30	3/4	1,957.48	3/4	1,592.66	3/4	1,227.84	3/4	863.02	3/4	498.20	3/4	133.45	3/4		3/4		3/4	
9	2,314.70	9	1,949.88	9	1,585.06	9	1,220.24	9	855.42	9	490.60	9	125.85	9		9		9	
1/4	2,307.10	1/4	1,942.28	1/4	1,577.46	1/4	1,212.64	1/4	847.82	1/4	483.00	1/4	118.25	1/4		1/4		1/4	
1/2	2,299.50	1/2	1,934.68	1/2	1,569.86	1/2	1,205.04	1/2	840.22	1/2	475.40	1/2	110.65	1/2		1/2		1/2	
3/4	2,291.90	3/4	1,927.08	3/4	1,562.26	3/4	1,197.44	3/4	832.62	3/4	467.80	3/4	103.04	3/4		3/4		3/4	
10	2,284.30	10	1,919.48	10	1,554.66	10	1,189.84	10	825.02	10	460.20	10	95.59	10		10		10	
1/4	2,276.70	1/4	1,911.88	1/4	1,547.06	1/4	1,182.24	1/4	817.42	1/4	452.60	1/4	88.28	1/4		1/4		1/4	
1/2	2,269.09	1/2	1,904.28	1/2	1,539.46	1/2	1,174.64	1/2	809.82	1/2	445.00	1/2	81.41	1/2		1/2		1/2	
3/4	2,261.49	3/4	1,896.68	3/4	1,531.86	3/4	1,167.04	3/4	802.22	3/4	437.40	3/4	74.98	3/4		3/4		3/4	
11	2,253.89	11	1,889.07	11	1,524.26	11	1,159.44	11	794.62	11	429.80	11	68.55	11		11		11	
1/4	2,246.29	1/4	1,881.47	1/4	1,516.66	1/4	1,151.84	1/4	787.02	1/4	422.20	1/4	62.12	1/4		1/4		1/4	
1/2	2,238.69	1/2	1,873.87	1/2	1,509.05	1/2	1,144.24	1/2	779.42	1/2	414.60	1/2	56.28	1/2		1/2		1/2	
3/4	2,231.09	3/4	1,866.27	3/4	1,501.45	3/4	1,136.64	3/4	771.82	3/4	407.00	3/4	51.01	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/12/1996 SI
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CANCELS AND SUPERCEDES
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PRECISION MEASUREMENT
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Pearland, Texas 77588
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BARGE "KIRBY 30016T"

3 PORT
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "DXE 3059T"

GAUGE HEIGHT 17'-00 3/8"

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		0	4,613.58	0	4,381.23	0	4,119.12	0	3,847.24	0	3,567.28	0	3,241.64	0	2,881.21
1/4		1/4		1/4		1/4	4,611.45	1/4	4,375.87	1/4	4,113.55	1/4	3,841.47	1/4	3,561.43	1/4	3,234.14	1/4	2,873.70
1/2		1/2		1/2		1/2	4,608.85	1/2	4,370.51	1/2	4,107.99	1/2	3,835.70	1/2	3,555.58	1/2	3,226.63	1/2	2,866.19
3/4		3/4		3/4		3/4	4,606.00	3/4	4,365.15	3/4	4,102.43	3/4	3,829.94	3/4	3,549.73	3/4	3,219.12	3/4	2,858.69
1		1		1		1	4,603.16	1	4,359.78	1	4,096.86	1	3,824.16	1	3,543.88	1	3,211.61	1	2,851.18
1/4		1/4		1/4		1/4	4,600.09	1/4	4,354.40	1/4	4,091.27	1/4	3,818.37	1/4	3,538.03	1/4	3,204.10	1/4	2,843.67
1/2		1/2		1/2		1/2	4,596.53	1/2	4,349.01	1/2	4,085.67	1/2	3,812.57	1/2	3,532.18	1/2	3,196.59	1/2	2,836.16
3/4		3/4		3/4		3/4	4,592.75	3/4	4,343.61	3/4	4,080.08	3/4	3,806.77	3/4	3,526.33	3/4	3,189.08	3/4	2,828.65
2		2		2		2	4,588.96	2	4,338.22	2	4,074.48	2	3,800.97	2	3,520.48	2	3,181.57	2	2,821.14
1/4		1/4		1/4		1/4	4,584.93	1/4	4,332.83	1/4	4,068.89	1/4	3,795.17	1/4	3,514.63	1/4	3,174.06	1/4	2,813.63
1/2		1/2		1/2		1/2	4,580.43	1/2	4,327.43	1/2	4,063.29	1/2	3,789.37	1/2	3,508.78	1/2	3,166.55	1/2	2,806.12
3/4		3/4		3/4		3/4	4,575.70	3/4	4,322.04	3/4	4,057.69	3/4	3,783.57	3/4	3,502.93	3/4	3,159.05	3/4	2,798.61
3		3		3		3	4,570.96	3	4,316.64	3	4,052.09	3	3,777.77	3	3,497.05	3	3,151.54	3	2,791.10
1/4		1/4		1/4		1/4	4,566.10	1/4	4,311.22	1/4	4,046.47	1/4	3,771.94	1/4	3,491.13	1/4	3,144.03	1/4	2,783.60
1/2		1/2		1/2		1/2	4,561.00	1/2	4,305.80	1/2	4,040.84	1/2	3,766.11	1/2	3,485.12	1/2	3,136.52	1/2	2,776.09
3/4		3/4		3/4		3/4	4,555.77	3/4	4,300.37	3/4	4,035.21	3/4	3,760.27	3/4	3,478.97	3/4	3,129.01	3/4	2,768.58
4		4		4		4	4,550.55	4	4,294.94	4	4,029.58	4	3,754.44	4	3,472.74	4	3,121.50	4	2,761.07
1/4		1/4		1/4		1/4	4,545.32	1/4	4,289.52	1/4	4,023.95	1/4	3,748.61	1/4	3,466.52	1/4	3,113.99	1/4	2,753.56
1/2		1/2		1/2		1/2	4,540.10	1/2	4,284.09	1/2	4,018.31	1/2	3,742.77	1/2	3,460.21	1/2	3,106.48	1/2	2,746.05
3/4		3/4		3/4		3/4	4,534.87	3/4	4,278.66	3/4	4,012.68	3/4	3,736.94	3/4	3,453.71	3/4	3,098.97	3/4	2,738.54
5		5		5		5	4,529.64	5	4,273.23	5	4,007.05	5	3,731.10	5	3,447.12	5	3,091.46	5	2,731.03
1/4		1/4		1/4		1/4	4,524.39	1/4	4,267.77	1/4	4,001.39	1/4	3,725.26	1/4	3,440.53	1/4	3,083.96	1/4	2,723.52
1/2		1/2		1/2		1/2	4,519.13	1/2	4,262.31	1/2	3,995.73	1/2	3,719.40	1/2	3,433.84	1/2	3,076.45	1/2	2,716.01
3/4		3/4		3/4		3/4	4,513.87	3/4	4,256.85	3/4	3,990.06	3/4	3,713.55	3/4	3,426.97	3/4	3,068.94	3/4	2,708.51
6		6		6		6	4,508.62	6	4,251.39	6	3,984.40	6	3,707.70	6	3,420.02	6	3,061.43	6	2,701.00
1/4		1/4		1/4		1/4	4,503.36	1/4	4,245.93	1/4	3,978.73	1/4	3,701.85	1/4	3,413.06	1/4	3,053.92	1/4	2,693.49
1/2		1/2		1/2		1/2	4,498.10	1/2	4,240.47	1/2	3,973.07	1/2	3,696.00	1/2	3,406.02	1/2	3,046.41	1/2	2,685.98
3/4		3/4		3/4		3/4	4,492.85	3/4	4,235.01	3/4	3,967.41	3/4	3,690.15	3/4	3,398.79	3/4	3,038.90	3/4	2,678.47
7		7		7		7	4,487.58	7	4,229.54	7	3,961.73	7	3,684.30	7	3,391.46	7	3,031.39	7	2,670.96
1/4		1/4		1/4		1/4	4,482.30	1/4	4,224.05	1/4	3,956.04	1/4	3,678.45	1/4	3,384.14	1/4	3,023.88	1/4	2,663.45
1/2		1/2		1/2		1/2	4,477.01	1/2	4,218.56	1/2	3,950.34	1/2	3,672.60	1/2	3,376.76	1/2	3,016.37	1/2	2,655.94
3/4		3/4		3/4		3/4	4,471.72	3/4	4,213.07	3/4	3,944.65	3/4	3,666.75	3/4	3,369.30	3/4	3,008.87	3/4	2,648.43
8		8		8		8	4,466.42	8	4,207.57	8	3,938.95	8	3,660.90	8	3,361.79	8	3,001.36	8	2,640.92
1/4		1/4		1/4		1/4	4,461.13	1/4	4,202.08	1/4	3,933.25	1/4	3,655.05	1/4	3,354.28	1/4	2,993.85	1/4	2,633.42
1/2		1/2		1/2		1/2	4,455.84	1/2	4,196.58	1/2	3,927.55	1/2	3,649.20	1/2	3,346.77	1/2	2,986.34	1/2	2,625.91
3/4		3/4		3/4		3/4	4,450.55	3/4	4,191.09	3/4	3,921.85	3/4	3,643.34	3/4	3,339.26	3/4	2,978.83	3/4	2,618.40
9		9		9		9	4,445.25	9	4,185.58	9	3,916.15	9	3,637.49	9	3,331.75	9	2,971.32	9	2,610.89
1/4		1/4		1/4		1/4	4,439.94	1/4	4,180.06	1/4	3,910.42	1/4	3,631.64	1/4	3,324.24	1/4	2,963.81	1/4	2,603.38
1/2		1/2		1/2		1/2	4,434.61	1/2	4,174.54	1/2	3,904.69	1/2	3,625.79	1/2	3,316.73	1/2	2,956.30	1/2	2,595.87
3/4		3/4		3/4		3/4	4,429.29	3/4	4,169.01	3/4	3,898.96	3/4	3,619.94	3/4	3,309.23	3/4	2,948.79	3/4	2,588.36
10		10		10		10	4,423.96	10	4,163.48	10	3,893.23	10	3,614.09	10	3,301.72	10	2,941.28	10	2,580.85
1/4		1/4		1/4		1/4	4,418.64	1/4	4,157.95	1/4	3,887.50	1/4	3,608.24	1/4	3,294.21	1/4	2,933.78	1/4	2,573.34
1/2		1/2		1/2		1/2	4,413.31	1/2	4,152.42	1/2	3,881.76	1/2	3,602.39	1/2	3,286.70	1/2	2,926.27	1/2	2,565.83
3/4		3/4		3/4		3/4	4,407.99	3/4	4,146.89	3/4	3,876.03	3/4	3,596.54	3/4	3,279.19	3/4	2,918.76	3/4	2,558.33
11		11		11		11	4,402.65	11	4,141.36	11	3,870.29	11	3,590.69	11	3,271.68	11	2,911.25	11	2,550.82
1/4		1/4		1/4		1/4	4,397.30	1/4	4,135.80	1/4	3,864.53	1/4	3,584.84	1/4	3,264.17	1/4	2,903.74	1/4	2,543.31
1/2		1/2		1/2		1/2	4,391.94	1/2	4,130.24	1/2	3,858.77	1/2	3,578.99	1/2	3,256.66	1/2	2,896.23	1/2	2,535.80
3/4		3/4		3/4		3/4	4,386.58	3/4	4,124.68	3/4	3,853.00	3/4	3,573.13	3/4	3,249.15	3/4	2,888.72	3/4	2,528.29

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 STOPS AT UNDERSIDE OF DECK AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE AND MANUAL GAUGES TAKEN AT STANDPIPE.
GAUGE POINT: (HERMETIC) LOCATED 11'-01" OFF CENTERLINE AND 39'-07" FORWARD OF AFT BULKHEAD.
GAUGE POINT: (MANUAL) LOCATED 11'-01" OFF CENTERLINE AND 38'-02" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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http://www.pmacorp.net

BARGE "KIRBY 30016T"

3 PORT
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "DXE 3059T"

GAUGE HEIGHT 17'-00 3/8"

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	2,520.78	0	2,160.35	0	1,802.55	0	1,443.44	0	1,088.51	0	733.90	0	375.94	0	33.39	0		0	
1/4	2,513.27	1/4	2,152.84	1/4	1,795.10	1/4	1,435.95	1/4	1,081.13	1/4	726.50	1/4	368.43	1/4	29.35	1/4		1/4	
1/2	2,505.76	1/2	2,145.33	1/2	1,787.66	1/2	1,428.47	1/2	1,073.75	1/2	719.10	1/2	360.92	3/8	27.33	1/2		1/2	
3/4	2,498.25	3/4	2,137.82	3/4	1,780.21	3/4	1,420.98	3/4	1,066.37	3/4	711.70	3/4	353.41	3/4		3/4		3/4	
1	2,490.74	1	2,130.31	1	1,772.77	1	1,413.49	1	1,059.00	1	704.30	1	345.90	1		1		1	
1/4	2,483.24	1/4	2,122.80	1/4	1,765.32	1/4	1,406.00	1/4	1,051.62	1/4	696.90	1/4	338.39	1/4		1/4		1/4	
1/2	2,475.73	1/2	2,115.29	1/2	1,757.88	1/2	1,398.51	1/2	1,044.24	1/2	689.50	1/2	330.88	1/2		1/2		1/2	
3/4	2,468.22	3/4	2,107.80	3/4	1,750.42	3/4	1,391.05	3/4	1,036.86	3/4	682.10	3/4	323.37	3/4		3/4		3/4	
2	2,460.71	2	2,100.34	2	1,742.94	2	1,383.65	2	1,029.48	2	674.70	2	315.86	2		2		2	
1/4	2,453.20	1/4	2,092.89	1/4	1,735.46	1/4	1,376.27	1/4	1,022.10	1/4	667.30	1/4	308.35	1/4		1/4		1/4	
1/2	2,445.69	1/2	2,085.45	1/2	1,727.97	1/2	1,368.89	1/2	1,014.73	1/2	659.90	1/2	300.84	1/2		1/2		1/2	
3/4	2,438.18	3/4	2,078.00	3/4	1,720.48	3/4	1,361.51	3/4	1,007.35	3/4	652.50	3/4	293.33	3/4		3/4		3/4	
3	2,430.67	3	2,070.56	3	1,712.99	3	1,354.13	3	999.97	3	645.10	3	285.82	3		3		3	
1/4	2,423.16	1/4	2,063.12	1/4	1,705.51	1/4	1,346.75	1/4	992.59	1/4	637.70	1/4	278.31	1/4		1/4		1/4	
1/2	2,415.65	1/2	2,055.67	1/2	1,698.02	1/2	1,339.38	1/2	985.21	1/2	630.30	1/2	270.80	1/2		1/2		1/2	
3/4	2,408.15	3/4	2,048.23	3/4	1,690.53	3/4	1,332.00	3/4	977.83	3/4	622.90	3/4	263.29	3/4		3/4		3/4	
4	2,400.64	4	2,040.78	4	1,683.04	4	1,324.62	4	970.46	4	615.50	4	255.78	4		4		4	
1/4	2,393.13	1/4	2,033.34	1/4	1,675.56	1/4	1,317.24	1/4	963.08	1/4	608.10	1/4	248.27	1/4		1/4		1/4	
1/2	2,385.62	1/2	2,025.89	1/2	1,668.07	1/2	1,309.86	1/2	955.70	1/2	600.70	1/2	240.76	1/2		1/2		1/2	
3/4	2,378.11	3/4	2,018.45	3/4	1,660.58	3/4	1,302.48	3/4	948.32	3/4	593.30	3/4	233.25	3/4		3/4		3/4	
5	2,370.60	5	2,011.00	5	1,653.09	5	1,295.11	5	940.94	5	585.90	5	225.74	5		5		5	
1/4	2,363.09	1/4	2,003.56	1/4	1,645.61	1/4	1,287.73	1/4	933.56	1/4	578.50	1/4	218.23	1/4		1/4		1/4	
1/2	2,355.58	1/2	1,996.11	1/2	1,638.12	1/2	1,280.35	1/2	926.19	1/2	571.10	1/2	210.72	1/2		1/2		1/2	
3/4	2,348.07	3/4	1,988.67	3/4	1,630.63	3/4	1,272.97	3/4	918.81	3/4	563.67	3/4	203.21	3/4		3/4		3/4	
6	2,340.56	6	1,981.22	6	1,623.14	6	1,265.59	6	911.43	6	556.19	6	195.70	6		6		6	
1/4	2,333.06	1/4	1,973.78	1/4	1,615.66	1/4	1,258.21	1/4	904.05	1/4	548.68	1/4	188.19	1/4		1/4		1/4	
1/2	2,325.55	1/2	1,966.33	1/2	1,608.17	1/2	1,250.83	1/2	896.67	1/2	541.17	1/2	180.68	1/2		1/2		1/2	
3/4	2,318.04	3/4	1,958.89	3/4	1,600.68	3/4	1,243.46	3/4	889.29	3/4	533.66	3/4	173.17	3/4		3/4		3/4	
7	2,310.53	7	1,951.44	7	1,593.19	7	1,236.08	7	881.89	7	526.15	7	165.67	7		7		7	
1/4	2,303.02	1/4	1,944.00	1/4	1,585.70	1/4	1,228.70	1/4	874.49	1/4	518.64	1/4	158.16	1/4		1/4		1/4	
1/2	2,295.51	1/2	1,936.55	1/2	1,578.22	1/2	1,221.32	1/2	867.09	1/2	511.13	1/2	150.65	1/2		1/2		1/2	
3/4	2,288.00	3/4	1,929.11	3/4	1,570.73	3/4	1,213.94	3/4	859.69	3/4	503.62	3/4	143.14	3/4		3/4		3/4	
8	2,280.49	8	1,921.66	8	1,563.24	8	1,206.56	8	852.29	8	496.11	8	135.63	8		8		8	
1/4	2,272.98	1/4	1,914.22	1/4	1,555.75	1/4	1,199.19	1/4	844.89	1/4	488.60	1/4	128.11	1/4		1/4		1/4	
1/2	2,265.47	1/2	1,906.77	1/2	1,548.27	1/2	1,191.81	1/2	837.49	1/2	481.09	1/2	120.60	1/2		1/2		1/2	
3/4	2,257.97	3/4	1,899.33	3/4	1,540.78	3/4	1,184.43	3/4	830.09	3/4	473.57	3/4	113.09	3/4		3/4		3/4	
9	2,250.46	9	1,891.88	9	1,533.29	9	1,177.05	9	822.69	9	466.06	9	105.58	9		9		9	
1/4	2,242.95	1/4	1,884.44	1/4	1,525.80	1/4	1,169.67	1/4	815.29	1/4	458.55	1/4	98.14	1/4		1/4		1/4	
1/2	2,235.44	1/2	1,877.00	1/2	1,518.32	1/2	1,162.29	1/2	807.89	1/2	451.04	1/2	90.85	1/2		1/2		1/2	
3/4	2,227.93	3/4	1,869.55	3/4	1,510.83	3/4	1,154.92	3/4	800.49	3/4	443.53	3/4	83.85	3/4		3/4		3/4	
10	2,220.42	10	1,862.11	10	1,503.34	10	1,147.54	10	793.09	10	436.02	10	77.28	10		10		10	
1/4	2,212.91	1/4	1,854.66	1/4	1,495.85	1/4	1,140.16	1/4	785.69	1/4	428.51	1/4	70.92	1/4		1/4		1/4	
1/2	2,205.40	1/2	1,847.22	1/2	1,488.37	1/2	1,132.78	1/2	778.29	1/2	421.00	1/2	64.57	1/2		1/2		1/2	
3/4	2,197.89	3/4	1,839.77	3/4	1,480.88	3/4	1,125.40	3/4	770.89	3/4	413.49	3/4	58.51	3/4		3/4		3/4	
11	2,190.38	11	1,832.33	11	1,473.39	11	1,118.02	11	763.49	11	405.98	11	53.02	11		11		11	
1/4	2,182.88	1/4	1,824.88	1/4	1,465.90	1/4	1,110.65	1/4	756.10	1/4	398.47	1/4	47.82	1/4		1/4		1/4	
1/2	2,175.37	1/2	1,817.44	1/2	1,458.42	1/2	1,103.27	1/2	748.70	1/2	390.96	1/2	42.63	1/2		1/2		1/2	
3/4	2,167.86	3/4	1,809.99	3/4	1,450.93	3/4	1,095.89	3/4	741.30	3/4	383.45	3/4	37.72	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/12/1996 SI
REPRINTED: 12/19/2001 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2001

PRECISION MEASUREMENT
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Pearland, Texas 77588
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BARGE "KIRBY 30016T"

3 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "DXE 3059T"

GAUGE HEIGHT 17'-01 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0		0	4,422.80	0	4,161.35	0	3,890.14	0	3,610.44	0	3,290.37	0	2,929.41
1/4		1/4		1/4		1/4		1/4	4,417.44	1/4	4,155.79	1/4	3,884.37	1/4	3,604.58	1/4	3,282.85	1/4	2,921.89
1/2		1/2		1/2		1/2		1/2	4,412.08	1/2	4,150.23	1/2	3,878.61	1/2	3,598.73	1/2	3,275.33	1/2	2,914.37
3/4		3/4		3/4		7/8	4,636.43	3/4	4,406.72	3/4	4,144.66	3/4	3,872.84	3/4	3,592.88	3/4	3,267.81	3/4	2,906.85
1		1		1		1	4,635.49	1	4,401.36	1	4,139.10	1	3,867.07	1	3,587.03	1	3,260.29	1	2,899.33
1/4		1/4		1/4		1/4	4,633.12	1/4	4,396.00	1/4	4,133.54	1/4	3,861.31	1/4	3,581.18	1/4	3,252.77	1/4	2,891.81
1/2		1/2		1/2		1/2	4,630.28	1/2	4,390.64	1/2	4,127.97	1/2	3,855.54	1/2	3,575.33	1/2	3,245.25	1/2	2,884.29
3/4		3/4		3/4		3/4	4,627.43	3/4	4,385.28	3/4	4,122.41	3/4	3,849.77	3/4	3,569.47	3/4	3,237.73	3/4	2,876.77
2		2		2		2	4,624.59	2	4,379.90	2	4,116.83	2	3,843.99	2	3,563.62	2	3,230.21	2	2,869.25
1/4		1/4		1/4		1/4	4,621.28	1/4	4,374.51	1/4	4,111.23	1/4	3,838.19	1/4	3,557.77	1/4	3,222.69	1/4	2,861.73
1/2		1/2		1/2		1/2	4,617.49	1/2	4,369.11	1/2	4,105.64	1/2	3,832.39	1/2	3,551.92	1/2	3,215.17	1/2	2,854.21
3/4		3/4		3/4		3/4	4,613.70	3/4	4,363.72	3/4	4,100.04	3/4	3,826.59	3/4	3,546.07	3/4	3,207.65	3/4	2,846.69
3		3		3		3	4,609.91	3	4,358.33	3	4,094.44	3	3,820.78	3	3,540.21	3	3,200.13	3	2,839.17
1/4		1/4		1/4		1/4	4,605.65	1/4	4,352.93	1/4	4,088.84	1/4	3,814.98	1/4	3,534.36	1/4	3,192.61	1/4	2,831.65
1/2		1/2		1/2		1/2	4,600.91	1/2	4,347.54	1/2	4,083.25	1/2	3,809.18	1/2	3,528.51	1/2	3,185.09	1/2	2,824.13
3/4		3/4		3/4		3/4	4,596.17	3/4	4,342.15	3/4	4,077.65	3/4	3,803.38	3/4	3,522.66	3/4	3,177.57	3/4	2,816.61
4		4		4		4	4,591.43	4	4,336.73	4	4,072.04	4	3,797.56	4	3,516.76	4	3,170.05	4	2,809.09
1/4		1/4		1/4		1/4	4,586.45	1/4	4,331.31	1/4	4,066.40	1/4	3,791.73	1/4	3,510.82	1/4	3,162.53	1/4	2,801.57
1/2		1/2		1/2		1/2	4,581.23	1/2	4,325.88	1/2	4,060.77	1/2	3,785.89	1/2	3,504.73	1/2	3,155.01	1/2	2,794.05
3/4		3/4		3/4		3/4	4,576.00	3/4	4,320.45	3/4	4,055.14	3/4	3,780.06	3/4	3,498.51	3/4	3,147.49	3/4	2,786.53
5		5		5		5	4,570.77	5	4,315.02	5	4,049.51	5	3,774.23	5	3,492.29	5	3,139.97	5	2,779.01
1/4		1/4		1/4		1/4	4,565.55	1/4	4,309.60	1/4	4,043.88	1/4	3,768.39	1/4	3,486.07	1/4	3,132.45	1/4	2,771.49
1/2		1/2		1/2		1/2	4,560.32	1/2	4,304.17	1/2	4,038.25	1/2	3,762.56	1/2	3,479.66	1/2	3,124.93	1/2	2,763.97
3/4		3/4		3/4		3/4	4,555.10	3/4	4,298.74	3/4	4,032.62	3/4	3,756.72	3/4	3,473.06	3/4	3,117.41	3/4	2,756.45
6		6		6		6	4,549.85	6	4,293.30	6	4,026.97	6	3,750.88	6	3,466.47	6	3,109.89	6	2,748.93
1/4		1/4		1/4		1/4	4,544.60	1/4	4,287.84	1/4	4,021.30	1/4	3,745.03	1/4	3,459.88	1/4	3,102.37	1/4	2,741.41
1/2		1/2		1/2		1/2	4,539.34	1/2	4,282.37	1/2	4,015.64	1/2	3,739.18	1/2	3,453.10	1/2	3,094.85	1/2	2,733.89
3/4		3/4		3/4		3/4	4,534.08	3/4	4,276.91	3/4	4,009.97	3/4	3,733.32	3/4	3,446.13	3/4	3,087.33	3/4	2,726.37
7		7		7		7	4,528.82	7	4,271.45	7	4,004.31	7	3,727.47	7	3,439.17	7	3,079.81	7	2,718.85
1/4		1/4		1/4		1/4	4,523.56	1/4	4,265.99	1/4	3,998.64	1/4	3,721.62	1/4	3,432.21	1/4	3,072.29	1/4	2,711.33
1/2		1/2		1/2		1/2	4,518.31	1/2	4,260.53	1/2	3,992.98	1/2	3,715.77	1/2	3,425.06	1/2	3,064.77	1/2	2,703.81
3/4		3/4		3/4		3/4	4,513.05	3/4	4,255.07	3/4	3,987.31	3/4	3,709.92	3/4	3,417.72	3/4	3,057.25	3/4	2,696.29
8		8		8		8	4,507.77	8	4,249.59	8	3,981.63	8	3,704.06	8	3,410.39	8	3,049.73	8	2,688.77
1/4		1/4		1/4		1/4	4,502.48	1/4	4,244.09	1/4	3,975.93	1/4	3,698.21	1/4	3,403.05	1/4	3,042.21	1/4	2,681.25
1/2		1/2		1/2		1/2	4,497.19	1/2	4,238.60	1/2	3,970.23	1/2	3,692.36	1/2	3,395.65	1/2	3,034.69	1/2	2,673.73
3/4		3/4		3/4		3/4	4,491.90	3/4	4,233.10	3/4	3,964.53	3/4	3,686.51	3/4	3,388.13	3/4	3,027.17	3/4	2,666.21
9		9		9		9	4,486.60	9	4,227.61	9	3,958.83	9	3,680.66	9	3,380.61	9	3,019.65	9	2,658.69
1/4		1/4		1/4		1/4	4,481.31	1/4	4,222.11	1/4	3,953.14	1/4	3,674.81	1/4	3,373.09	1/4	3,012.13	1/4	2,651.17
1/2		1/2		1/2		1/2	4,476.02	1/2	4,216.61	1/2	3,947.44	1/2	3,668.95	1/2	3,365.57	1/2	3,004.61	1/2	2,643.65
3/4		3/4		3/4		3/4	4,470.73	3/4	4,211.12	3/4	3,941.74	3/4	3,663.10	3/4	3,358.05	3/4	2,997.09	3/4	2,636.13
10		10		10		10	4,465.42	10	4,205.61	10	3,936.02	10	3,657.25	10	3,350.53	10	2,989.57	10	2,628.61
1/4		1/4		1/4		1/4	4,460.09	1/4	4,200.08	1/4	3,930.29	1/4	3,651.40	1/4	3,343.01	1/4	2,982.05	1/4	2,621.09
1/2		1/2		1/2		1/2	4,454.77	1/2	4,194.55	1/2	3,924.56	1/2	3,645.55	1/2	3,335.49	1/2	2,974.53	1/2	2,613.57
3/4		3/4		3/4		3/4	4,449.44	3/4	4,189.02	3/4	3,918.82	3/4	3,639.70	3/4	3,327.97	3/4	2,967.01	3/4	2,606.05
11		11		11		11	4,444.12	11	4,183.49	11	3,913.09	11	3,633.84	11	3,320.45	11	2,959.49	11	2,598.53
1/4		1/4		1/4		1/4	4,438.79	1/4	4,177.96	1/4	3,907.36	1/4	3,627.99	1/4	3,312.93	1/4	2,951.97	1/4	2,591.01
1/2		1/2		1/2		1/2	4,433.47	1/2	4,172.43	1/2	3,901.62	1/2	3,622.14	1/2	3,305.41	1/2	2,944.45	1/2	2,583.49
3/4		3/4		3/4		3/4	4,428.14	3/4	4,166.90	3/4	3,895.89	3/4	3,616.29	3/4	3,297.89	3/4	2,936.93	3/4	2,575.97

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 STOPS AT UNDERSIDE OF DECK AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE AND MANUAL GAUGES TAKEN AT STANDPIPE.
GAUGE POINT: (HERMETIC) LOCATED 11'-02" OFF CENTERLINE AND 39'-07" FORWARD OF AFT BULKHEAD.
GAUGE POINT: (MANUAL) LOCATED 11'-02" OFF CENTERLINE AND 38'-02" FORWARD OF AFT BULKHEAD.

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

BARGE "KIRBY 30016T"

3 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "DXE 3059T"

GAUGE HEIGHT 17'-01 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	2,568.45	0	2,207.49	0	1,846.53	0	1,485.57	0	1,124.61	0	763.65	0	402.69	0	50.48	0		0	
1/4	2,560.93	1/4	2,199.97	1/4	1,839.01	1/4	1,478.05	1/4	1,117.09	1/4	756.13	1/4	395.17	1/4	45.28	1/4		1/4	
1/2	2,553.41	1/2	2,192.45	1/2	1,831.49	1/2	1,470.53	1/2	1,109.57	1/2	748.61	1/2	387.65	1/2	40.07	1/2		1/2	
3/4	2,545.89	3/4	2,184.93	3/4	1,823.97	3/4	1,463.01	3/4	1,102.05	3/4	741.09	3/4	380.13	3/4	35.44	3/4		3/4	
1	2,538.37	1	2,177.41	1	1,816.45	1	1,455.49	1	1,094.53	1	733.57	1	372.61	1	31.40	1		1	
1/4	2,530.85	1/4	2,169.89	1/4	1,808.93	1/4	1,447.97	1/4	1,087.01	1/4	726.05	1/4	365.09	1/4	27.35	1/4		1/4	
1/2	2,523.33	1/2	2,162.37	1/2	1,801.41	1/2	1,440.45	1/2	1,079.49	1/2	718.53	1/2	357.57	1/2		1/2		1/2	
3/4	2,515.81	3/4	2,154.85	3/4	1,793.89	3/4	1,432.93	3/4	1,071.97	3/4	711.01	3/4	350.06	3/4		3/4		3/4	
2	2,508.29	2	2,147.33	2	1,786.37	2	1,425.41	2	1,064.45	2	703.49	2	342.54	2		2		2	
1/4	2,500.77	1/4	2,139.81	1/4	1,778.85	1/4	1,417.89	1/4	1,056.93	1/4	695.97	1/4	335.02	1/4		1/4		1/4	
1/2	2,493.25	1/2	2,132.29	1/2	1,771.33	1/2	1,410.37	1/2	1,049.41	1/2	688.45	1/2	327.50	1/2		1/2		1/2	
3/4	2,485.73	3/4	2,124.77	3/4	1,763.81	3/4	1,402.85	3/4	1,041.89	3/4	680.93	3/4	319.99	3/4		3/4		3/4	
3	2,478.21	3	2,117.25	3	1,756.29	3	1,395.33	3	1,034.37	3	673.41	3	312.47	3		3		3	
1/4	2,470.69	1/4	2,109.73	1/4	1,748.77	1/4	1,387.81	1/4	1,026.85	1/4	665.89	1/4	304.95	1/4		1/4		1/4	
1/2	2,463.17	1/2	2,102.21	1/2	1,741.25	1/2	1,380.29	1/2	1,019.33	1/2	658.37	1/2	297.43	1/2		1/2		1/2	
3/4	2,455.65	3/4	2,094.69	3/4	1,733.73	3/4	1,372.77	3/4	1,011.81	3/4	650.85	3/4	289.91	3/4		3/4		3/4	
4	2,448.13	4	2,087.17	4	1,726.21	4	1,365.25	4	1,004.29	4	643.33	4	282.40	4		4		4	
1/4	2,440.61	1/4	2,079.65	1/4	1,718.69	1/4	1,357.73	1/4	996.77	1/4	635.81	1/4	274.88	1/4		1/4		1/4	
1/2	2,433.09	1/2	2,072.13	1/2	1,711.17	1/2	1,350.21	1/2	989.25	1/2	628.29	1/2	267.36	1/2		1/2		1/2	
3/4	2,425.57	3/4	2,064.61	3/4	1,703.65	3/4	1,342.69	3/4	981.73	3/4	620.77	3/4	259.84	3/4		3/4		3/4	
5	2,418.05	5	2,057.09	5	1,696.13	5	1,335.17	5	974.21	5	613.25	5	252.33	5		5		5	
1/4	2,410.53	1/4	2,049.57	1/4	1,688.61	1/4	1,327.65	1/4	966.69	1/4	605.73	1/4	244.81	1/4		1/4		1/4	
1/2	2,403.01	1/2	2,042.05	1/2	1,681.09	1/2	1,320.13	1/2	959.17	1/2	598.21	1/2	237.29	1/2		1/2		1/2	
3/4	2,395.49	3/4	2,034.53	3/4	1,673.57	3/4	1,312.61	3/4	951.65	3/4	590.69	3/4	229.77	3/4		3/4		3/4	
6	2,387.97	6	2,027.01	6	1,666.05	6	1,305.09	6	944.13	6	583.17	6	222.26	6		6		6	
1/4	2,380.45	1/4	2,019.49	1/4	1,658.53	1/4	1,297.57	1/4	936.61	1/4	575.65	1/4	214.74	1/4		1/4		1/4	
1/2	2,372.93	1/2	2,011.97	1/2	1,651.01	1/2	1,290.05	1/2	929.09	1/2	568.13	1/2	207.22	1/2		1/2		1/2	
3/4	2,365.41	3/4	2,004.45	3/4	1,643.49	3/4	1,282.53	3/4	921.57	3/4	560.61	3/4	199.70	3/4		3/4		3/4	
7	2,357.89	7	1,996.93	7	1,635.97	7	1,275.01	7	914.05	7	553.09	7	192.19	7		7		7	
1/4	2,350.37	1/4	1,989.41	1/4	1,628.45	1/4	1,267.49	1/4	906.53	1/4	545.57	1/4	184.67	1/4		1/4		1/4	
1/2	2,342.85	1/2	1,981.89	1/2	1,620.93	1/2	1,259.97	1/2	899.01	1/2	538.05	1/2	177.15	1/2		1/2		1/2	
3/4	2,335.33	3/4	1,974.37	3/4	1,613.41	3/4	1,252.45	3/4	891.49	3/4	530.53	3/4	169.63	3/4		3/4		3/4	
8	2,327.81	8	1,966.85	8	1,605.89	8	1,244.93	8	883.97	8	523.01	8	162.12	8		8		8	
1/4	2,320.29	1/4	1,959.33	1/4	1,598.37	1/4	1,237.41	1/4	876.45	1/4	515.49	1/4	154.60	1/4		1/4		1/4	
1/2	2,312.77	1/2	1,951.81	1/2	1,590.85	1/2	1,229.89	1/2	868.93	1/2	507.97	1/2	147.08	1/2		1/2		1/2	
3/4	2,305.25	3/4	1,944.29	3/4	1,583.33	3/4	1,222.37	3/4	861.41	3/4	500.45	3/4	139.56	3/4		3/4		3/4	
9	2,297.73	9	1,936.77	9	1,575.81	9	1,214.85	9	853.89	9	492.93	9	132.04	9		9		9	
1/4	2,290.21	1/4	1,929.25	1/4	1,568.29	1/4	1,207.33	1/4	846.37	1/4	485.41	1/4	124.52	1/4		1/4		1/4	
1/2	2,282.69	1/2	1,921.73	1/2	1,560.77	1/2	1,199.81	1/2	838.85	1/2	477.89	1/2	117.00	1/2		1/2		1/2	
3/4	2,275.17	3/4	1,914.21	3/4	1,553.25	3/4	1,192.29	3/4	831.33	3/4	470.37	3/4	109.48	3/4		3/4		3/4	
10	2,267.65	10	1,906.69	10	1,545.73	10	1,184.77	10	823.81	10	462.85	10	101.96	10		10		10	
1/4	2,260.13	1/4	1,899.17	1/4	1,538.21	1/4	1,177.25	1/4	816.29	1/4	455.33	1/4	94.59	1/4		1/4		1/4	
1/2	2,252.61	1/2	1,891.65	1/2	1,530.69	1/2	1,169.73	1/2	808.77	1/2	447.81	1/2	87.36	1/2		1/2		1/2	
3/4	2,245.09	3/4	1,884.13	3/4	1,523.17	3/4	1,162.21	3/4	801.25	3/4	440.29	3/4	80.56	3/4		3/4		3/4	
11	2,237.57	11	1,876.61	11	1,515.65	11	1,154.69	11	793.73	11	432.77	11	74.20	11		11		11	
1/4	2,230.05	1/4	1,869.09	1/4	1,508.13	1/4	1,147.17	1/4	786.21	1/4	425.25	1/4	67.83	1/4		1/4		1/4	
1/2	2,222.53	1/2	1,861.57	1/2	1,500.61	1/2	1,139.65	1/2	778.69	1/2	417.73	1/2	61.47	1/2		1/2		1/2	
3/4	2,215.01	3/4	1,854.05	3/4	1,493.09	3/4	1,132.13	3/4	771.17	3/4	410.21	3/4	55.69	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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