



BARGE "KIRBY 12003"

ULLAGE TRIM TABLE

FORMERLY "KEX 1201"

	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	- 00-3/4	00-3/4	- 01-1/2	01-1/2	- 02-1/4	02-1/4	- 03-0/8	03-0/8	- 03-3/4	03-3/4	- 04-1/2	04-1/2
1 STBD	- 00-3/4	00-3/4	- 01-1/2	01-1/2	- 02-1/4	02-1/4	- 03-0/8	03-0/8	- 03-3/4	03-3/4	- 04-1/2	04-1/2
2 PORT	- 00-3/4	00-3/4	- 01-1/2	01-1/2	- 02-1/4	02-1/4	- 03-0/8	03-0/8	- 03-3/4	03-3/4	- 04-1/2	04-1/2
2 STBD	- 00-3/4	00-3/4	- 01-1/2	01-1/2	- 02-1/4	02-1/4	- 03-0/8	03-0/8	- 03-3/4	03-3/4	- 04-1/2	04-1/2

(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 01-1/2"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-01 1/2"

LENGTH BETWEEN DRAFT MARKS: 154'-00"

April 28, 2014

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 12003"

1 PORT ULLAGE TABLE

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

FORMERLY "KEX 1201"

GAUGE HEIGHT 13'-01 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	3,260.97	0	2,962.39	0	2,638.13	0	2,313.87	0	1,989.61	0	1,665.32	0	1,341.06		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,258.27	1/4	2,955.64	1/4	2,631.37	1/4	2,307.11	1/4	1,982.85	1/4	1,658.56	1/4	1,334.30		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,255.57	1/2	2,948.88	1/2	2,624.62	1/2	2,300.36	1/2	1,976.09	1/2	1,651.81	1/2	1,327.54		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,251.52	3/4	2,942.12	3/4	2,617.86	3/4	2,293.60	3/4	1,969.34	3/4	1,645.06	3/4	1,320.79		
1		1		1		1	3,247.46	1	2,935.37	1	2,611.11	1	2,286.84	1	1,962.58	1	1,638.31	1	1,314.03		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,243.41	1/4	2,928.61	1/4	2,604.35	1/4	2,280.09	1/4	1,955.83	1/4	1,631.55	1/4	1,307.28		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,239.35	1/2	2,921.86	1/2	2,597.59	1/2	2,273.33	1/2	1,949.07	1/2	1,624.80	1/2	1,300.52		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,233.96	3/4	2,915.10	3/4	2,590.84	3/4	2,266.58	3/4	1,942.31	3/4	1,618.05	3/4	1,293.77		
2		2		2		2	3,228.56	2	2,908.34	2	2,584.08	2	2,259.82	2	1,935.56	2	1,611.29	2	1,287.01		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,223.16	1/4	2,901.59	1/4	2,577.33	1/4	2,253.06	1/4	1,928.80	1/4	1,604.54	1/4	1,280.25		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,217.76	1/2	2,894.83	1/2	2,570.57	1/2	2,246.31	1/2	1,922.05	1/2	1,597.78	1/2	1,273.50		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,211.34	3/4	2,888.08	3/4	2,563.81	3/4	2,239.55	3/4	1,915.29	3/4	1,591.02	3/4	1,266.75		
3		3		3		3	3,204.91	3	2,881.32	3	2,557.06	3	2,232.80	3	1,908.53	3	1,584.27	3	1,260.00		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,198.49	1/4	2,874.56	1/4	2,550.30	1/4	2,226.04	1/4	1,901.78	1/4	1,577.51	1/4	1,253.25		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,192.07	1/2	2,867.81	1/2	2,543.55	1/2	2,219.28	1/2	1,895.02	1/2	1,570.76	1/2	1,246.50		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,185.31	3/4	2,861.05	3/4	2,536.79	3/4	2,212.53	3/4	1,888.27	3/4	1,564.00	3/4	1,239.74		
4		4		4		4	3,178.56	4	2,854.30	4	2,530.03	4	2,205.77	4	1,881.51	4	1,557.25	4	1,232.99		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,171.80	1/4	2,847.54	1/4	2,523.28	1/4	2,199.02	1/4	1,874.75	1/4	1,550.49	1/4	1,226.23		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,165.05	1/2	2,840.78	1/2	2,516.52	1/2	2,192.26	1/2	1,868.00	1/2	1,543.73	1/2	1,219.48		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,158.30	3/4	2,834.03	3/4	2,509.77	3/4	2,185.50	3/4	1,861.24	3/4	1,536.98	3/4	1,212.72		
5		5		5		5	3,151.55	5	2,827.27	5	2,503.01	5	2,178.75	5	1,854.49	5	1,530.22	5	1,205.96		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,144.80	1/4	2,820.52	1/4	2,496.25	1/4	2,171.99	1/4	1,847.73	1/4	1,523.47	1/4	1,199.21		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,138.05	1/2	2,813.76	1/2	2,489.50	1/2	2,165.24	1/2	1,840.97	1/2	1,516.71	1/2	1,192.45		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,131.29	3/4	2,807.00	3/4	2,482.74	3/4	2,158.48	3/4	1,834.22	3/4	1,509.95	3/4	1,185.70		
6		6		6		6	3,124.54	6	2,800.25	6	2,475.99	6	2,151.72	6	1,827.46	6	1,503.20	6	1,178.94		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,117.78	1/4	2,793.49	1/4	2,469.23	1/4	2,144.97	1/4	1,820.71	1/4	1,496.44	1/4	1,172.18		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,111.02	1/2	2,786.74	1/2	2,462.47	1/2	2,138.21	1/2	1,813.95	1/2	1,489.69	1/2	1,165.43		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,104.27	3/4	2,779.99	3/4	2,455.72	3/4	2,131.46	3/4	1,807.19	3/4	1,482.93	3/4	1,158.67		
7		7		7		7	3,097.51	7	2,773.24	7	2,448.96	7	2,124.70	7	1,800.44	7	1,476.17	7	1,151.92		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,090.76	1/4	2,766.49	1/4	2,442.21	1/4	2,117.94	1/4	1,793.68	1/4	1,469.42	1/4	1,145.16		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,084.00	1/2	2,759.74	1/2	2,435.45	1/2	2,111.19	1/2	1,786.93	1/2	1,462.66	1/2	1,138.40		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,077.24	3/4	2,752.98	3/4	2,428.69	3/4	2,104.43	3/4	1,780.17	3/4	1,455.91	3/4	1,131.65		
8		8		8		8	3,070.49	8	2,746.23	8	2,421.94	8	2,097.68	8	1,773.41	8	1,449.15	8	1,124.89		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,063.73	1/4	2,739.47	1/4	2,415.18	1/4	2,090.92	1/4	1,766.66	1/4	1,442.39	1/4	1,118.14		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,056.98	1/2	2,732.71	1/2	2,408.43	1/2	2,084.16	1/2	1,759.90	1/2	1,435.64	1/2	1,111.38		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,050.22	3/4	2,725.96	3/4	2,401.68	3/4	2,077.41	3/4	1,753.15	3/4	1,428.88	3/4	1,104.62		
9		9		9		9	3,043.46	9	2,719.20	9	2,394.93	9	2,070.65	9	1,746.39	9	1,422.13	9	1,097.87		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,036.71	1/4	2,712.45	1/4	2,388.18	1/4	2,063.90	1/4	1,739.63	1/4	1,415.37	1/4	1,091.11		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,029.95	1/2	2,705.69	1/2	2,381.43	1/2	2,057.14	1/2	1,732.88	1/2	1,408.62	1/2	1,084.36		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,023.20	3/4	2,698.93	3/4	2,374.67	3/4	2,050.38	3/4	1,726.12	3/4	1,401.86	3/4	1,077.60		
10		10		10		10	3,273.14	10	3,016.44	10	2,692.18	10	2,367.92	10	2,043.63	10	1,719.37	10	1,395.10	10	1,070.84
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,272.46	1/4	3,009.68	1/4	2,685.42	1/4	2,361.16	1/4	2,036.87	1/4	1,712.61	1/4	1,388.35	1/4	1,064.09
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,271.78	1/2	3,002.93	1/2	2,678.67	1/2	2,354.40	1/2	2,030.12	1/2	1,705.85	1/2	1,381.59	1/2	1,057.33
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,270.43	3/4	2,996.17	3/4	2,671.91	3/4	2,347.65	3/4	2,023.37	3/4	1,699.10	3/4	1,374.84	3/4	1,050.58
11		11		11		11	3,269.08	11	2,989.42	11	2,665.15	11	2,340.89	11	2,016.62	11	1,692.34	11	1,368.08	11	1,043.82
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,267.73	1/4	2,982.66	1/4	2,658.40	1/4	2,334.14	1/4	2,009.87	1/4	1,685.59	1/4	1,361.32	1/4	1,037.06
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,266.38	1/2	2,975.90	1/2	2,651.64	1/2	2,327.38	1/2	2,003.12	1/2	1,678.83	1/2	1,354.57	1/2	1,030.31
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,263.68	3/4	2,969.15	3/4	2,644.89	3/4	2,320.62	3/4	1,996.36	3/4	1,672.07	3/4	1,347.81	3/4	1,023.55

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC CLOSED GAUGING DEVICE"
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 30'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "KIRBY 12003"

1 PORT ULLAGE TABLE

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

FORMERLY "KEX 1201"

GAUGE HEIGHT 13'-01 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	1,016.80	0	692.61	0	368.33	0	45.08	0		0		0		0		0		0	
1/4	1,010.04	1/4	685.85	1/4	361.58	1/4	38.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,003.28	1/2	679.09	1/2	354.83	1/2	32.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	996.53	3/4	672.34	3/4	348.08	3/4	28.09	3/4		3/4		3/4		3/4		3/4		3/4	
1	989.77	1	665.58	1	341.32	1	23.58	1		1		1		1		1		1	
1/4	983.02	1/4	658.83	1/4	334.56	1/4	19.07	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	976.26	1/2	652.07	1/2	327.81	1/2	14.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	969.51	3/4	645.31	3/4	321.05	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	962.76	2	638.56	2	314.30	2		2		2		2		2		2		2	
1/4	956.01	1/4	631.80	1/4	307.54	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	949.26	1/2	625.05	1/2	300.78	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	942.50	3/4	618.29	3/4	294.03	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	935.75	3	611.53	3	287.27	3		3		3		3		3		3		3	
1/4	928.99	1/4	604.78	1/4	280.52	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	922.24	1/2	598.02	1/2	273.76	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	915.48	3/4	591.27	3/4	267.00	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	908.72	4	584.51	4	260.25	4		4		4		4		4		4		4	
1/4	901.97	1/4	577.75	1/4	253.49	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	895.21	1/2	571.00	1/2	246.74	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	888.46	3/4	564.24	3/4	239.98	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	881.71	5	557.49	5	233.22	5		5		5		5		5		5		5	
1/4	874.96	1/4	550.73	1/4	226.47	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	868.21	1/2	543.97	1/2	219.71	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	861.46	3/4	537.22	3/4	212.96	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	854.70	6	530.46	6	206.20	6		6		6		6		6		6		6	
1/4	847.94	1/4	523.71	1/4	199.44	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	841.19	1/2	516.95	1/2	192.69	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	834.44	3/4	510.19	3/4	185.93	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	827.69	7	503.44	7	179.18	7		7		7		7		7		7		7	
1/4	820.94	1/4	496.68	1/4	172.42	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	814.19	1/2	489.93	1/2	165.66	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	807.43	3/4	483.17	3/4	158.91	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	800.68	8	476.41	8	152.15	8		8		8		8		8		8		8	
1/4	793.92	1/4	469.66	1/4	145.40	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	787.16	1/2	462.90	1/2	138.64	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	780.41	3/4	456.15	3/4	131.88	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	773.65	9	449.39	9	125.13	9		9		9		9		9		9		9	
1/4	766.90	1/4	442.63	1/4	118.37	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	760.14	1/2	435.88	1/2	111.62	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	753.39	3/4	429.12	3/4	104.86	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	746.64	10	422.37	10	98.10	10		10		10		10		10		10		10	
1/4	739.89	1/4	415.61	1/4	91.35	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	733.14	1/2	408.85	1/2	84.59	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	726.39	3/4	402.10	3/4	77.84	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	719.63	11	395.34	11	71.08	11		11		11		11		11		11		11	
1/4	712.87	1/4	388.59	1/4	64.32	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	706.12	1/2	381.83	1/2	57.57	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	699.36	3/4	375.08	3/4	51.32	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/16/1979 CM
DECK MEASUREMENTS: 04/28/2014 SW
REPRINTED: 04/07/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2014

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



BARGE "KIRBY 12003"

1 STBD ULLAGE TABLE

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

FORMERLY "KEX 1201"

GAUGE HEIGHT 13'-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	3,258.27	0	2,955.64	0	2,631.37	0	2,307.11	0	1,982.85	0	1,658.56	0	1,334.30
1/4		1/4		1/4		1/4	3,255.57	1/4	2,948.88	1/4	2,624.62	1/4	2,300.36	1/4	1,976.09	1/4	1,651.81	1/4	1,327.54
1/2		1/2		1/2		1/2	3,251.52	1/2	2,942.12	1/2	2,617.86	1/2	2,293.60	1/2	1,969.34	1/2	1,645.06	1/2	1,320.79
3/4		3/4		3/4		3/4	3,247.46	3/4	2,935.37	3/4	2,611.11	3/4	2,286.84	3/4	1,962.58	3/4	1,638.31	3/4	1,314.03
1		1		1		1	3,243.41	1	2,928.61	1	2,604.35	1	2,280.09	1	1,955.83	1	1,631.55	1	1,307.28
1/4		1/4		1/4		1/4	3,239.35	1/4	2,921.86	1/4	2,597.59	1/4	2,273.33	1/4	1,949.07	1/4	1,624.80	1/4	1,300.52
1/2		1/2		1/2		1/2	3,233.96	1/2	2,915.10	1/2	2,590.84	1/2	2,266.58	1/2	1,942.31	1/2	1,618.05	1/2	1,293.77
3/4		3/4		3/4		3/4	3,228.56	3/4	2,908.34	3/4	2,584.08	3/4	2,259.82	3/4	1,935.56	3/4	1,611.29	3/4	1,287.01
2		2		2		2	3,223.16	2	2,901.59	2	2,577.33	2	2,253.06	2	1,928.80	2	1,604.54	2	1,280.25
1/4		1/4		1/4		1/4	3,217.76	1/4	2,894.83	1/4	2,570.57	1/4	2,246.31	1/4	1,922.05	1/4	1,597.78	1/4	1,273.50
1/2		1/2		1/2		1/2	3,211.34	1/2	2,888.08	1/2	2,563.81	1/2	2,239.55	1/2	1,915.29	1/2	1,591.02	1/2	1,266.75
3/4		3/4		3/4		3/4	3,204.91	3/4	2,881.32	3/4	2,557.06	3/4	2,232.80	3/4	1,908.53	3/4	1,584.27	3/4	1,260.00
3		3		3		3	3,198.49	3	2,874.56	3	2,550.30	3	2,226.04	3	1,901.78	3	1,577.51	3	1,253.25
1/4		1/4		1/4		1/4	3,192.07	1/4	2,867.81	1/4	2,543.55	1/4	2,219.28	1/4	1,895.02	1/4	1,570.76	1/4	1,246.50
1/2		1/2		1/2		1/2	3,185.31	1/2	2,861.05	1/2	2,536.79	1/2	2,212.53	1/2	1,888.27	1/2	1,564.00	1/2	1,239.74
3/4		3/4		3/4		3/4	3,178.56	3/4	2,854.30	3/4	2,530.03	3/4	2,205.77	3/4	1,881.51	3/4	1,557.25	3/4	1,232.99
4		4		4		4	3,171.80	4	2,847.54	4	2,523.28	4	2,199.02	4	1,874.75	4	1,550.49	4	1,226.23
1/4		1/4		1/4		1/4	3,165.05	1/4	2,840.78	1/4	2,516.52	1/4	2,192.26	1/4	1,868.00	1/4	1,543.73	1/4	1,219.48
1/2		1/2		1/2		1/2	3,158.30	1/2	2,834.03	1/2	2,509.77	1/2	2,185.50	1/2	1,861.24	1/2	1,536.98	1/2	1,212.72
3/4		3/4		3/4		3/4	3,151.55	3/4	2,827.27	3/4	2,503.01	3/4	2,178.75	3/4	1,854.49	3/4	1,530.22	3/4	1,205.96
5		5		5		5	3,144.80	5	2,820.52	5	2,496.25	5	2,171.99	5	1,847.73	5	1,523.47	5	1,199.21
1/4		1/4		1/4		1/4	3,138.05	1/4	2,813.76	1/4	2,489.50	1/4	2,165.24	1/4	1,840.97	1/4	1,516.71	1/4	1,192.45
1/2		1/2		1/2		1/2	3,131.29	1/2	2,807.00	1/2	2,482.74	1/2	2,158.48	1/2	1,834.22	1/2	1,509.95	1/2	1,185.70
3/4		3/4		3/4		3/4	3,124.54	3/4	2,800.25	3/4	2,475.99	3/4	2,151.72	3/4	1,827.46	3/4	1,503.20	3/4	1,178.94
6		6		6		6	3,117.78	6	2,793.49	6	2,469.23	6	2,144.97	6	1,820.71	6	1,496.44	6	1,172.18
1/4		1/4		1/4		1/4	3,111.02	1/4	2,786.74	1/4	2,462.47	1/4	2,138.21	1/4	1,813.95	1/4	1,489.69	1/4	1,165.43
1/2		1/2		1/2		1/2	3,104.27	1/2	2,779.99	1/2	2,455.72	1/2	2,131.46	1/2	1,807.19	1/2	1,482.93	1/2	1,158.67
3/4		3/4		3/4		3/4	3,097.51	3/4	2,773.24	3/4	2,448.96	3/4	2,124.70	3/4	1,800.44	3/4	1,476.17	3/4	1,151.92
7		7		7		7	3,090.76	7	2,766.49	7	2,442.21	7	2,117.94	7	1,793.68	7	1,469.42	7	1,145.16
1/4		1/4		1/4		1/4	3,084.00	1/4	2,759.74	1/4	2,435.45	1/4	2,111.19	1/4	1,786.93	1/4	1,462.66	1/4	1,138.40
1/2		1/2		1/2		1/2	3,077.24	1/2	2,752.98	1/2	2,428.69	1/2	2,104.43	1/2	1,780.17	1/2	1,455.91	1/2	1,131.65
3/4		3/4		3/4		3/4	3,070.49	3/4	2,746.23	3/4	2,421.94	3/4	2,097.68	3/4	1,773.41	3/4	1,449.15	3/4	1,124.89
8		8		8		8	3,063.73	8	2,739.47	8	2,415.18	8	2,090.92	8	1,766.66	8	1,442.39	8	1,118.14
1/4		1/4		1/4		1/4	3,056.98	1/4	2,732.71	1/4	2,408.43	1/4	2,084.16	1/4	1,759.90	1/4	1,435.64	1/4	1,111.38
1/2		1/2		1/2		1/2	3,050.22	1/2	2,725.96	1/2	2,401.68	1/2	2,077.41	1/2	1,753.15	1/2	1,428.88	1/2	1,104.62
3/4		3/4		3/4		3/4	3,043.46	3/4	2,719.20	3/4	2,394.93	3/4	2,070.65	3/4	1,746.39	3/4	1,422.13	3/4	1,097.87
9		9		9		9	3,036.71	9	2,712.45	9	2,388.18	9	2,063.90	9	1,739.63	9	1,415.37	9	1,091.11
1/4		1/4		1/4		1/4	3,029.95	1/4	2,705.69	1/4	2,381.43	1/4	2,057.14	1/4	1,732.88	1/4	1,408.62	1/4	1,084.36
1/2		1/2		1/2		1/2	3,023.20	1/2	2,698.93	1/2	2,374.67	1/2	2,050.38	1/2	1,726.12	1/2	1,401.86	1/2	1,077.60
3/4		3/4		3/4		3/4	3,016.44	3/4	2,692.18	3/4	2,367.92	3/4	2,043.63	3/4	1,719.37	3/4	1,395.10	3/4	1,070.84
10		10		10	3,272.46	10	3,009.68	10	2,685.42	10	2,361.16	10	2,036.87	10	1,712.61	10	1,388.35	10	1,064.09
1/4		1/4		1/4	3,271.78	1/4	3,002.93	1/4	2,678.67	1/4	2,354.40	1/4	2,030.12	1/4	1,705.85	1/4	1,381.59	1/4	1,057.33
1/2		1/2		1/2	3,270.43	1/2	2,996.17	1/2	2,671.91	1/2	2,347.65	1/2	2,023.37	1/2	1,699.10	1/2	1,374.84	1/2	1,050.58
3/4		3/4		3/4	3,269.08	3/4	2,989.42	3/4	2,665.15	3/4	2,340.89	3/4	2,016.62	3/4	1,692.34	3/4	1,368.08	3/4	1,043.82
11		11		11	3,267.73	11	2,982.66	11	2,658.40	11	2,334.14	11	2,009.87	11	1,685.59	11	1,361.32	11	1,037.06
1/4		1/4		1/4	3,266.38	1/4	2,975.90	1/4	2,651.64	1/4	2,327.38	1/4	2,003.12	1/4	1,678.83	1/4	1,354.57	1/4	1,030.31
1/2		1/2		1/2	3,263.68	1/2	2,969.15	1/2	2,644.89	1/2	2,320.62	1/2	1,996.36	1/2	1,672.07	1/2	1,347.81	1/2	1,023.55
3/4		3/4		3/4	3,260.97	3/4	2,962.39	3/4	2,638.13	3/4	2,313.87	3/4	1,989.61	3/4	1,665.32	3/4	1,341.06	3/4	1,016.80

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC CLOSED GAUGING DEVICE"
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 30'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 12003"

**1 STBD
ULLAGE TABLE**

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

FORMERLY "KEX 1201"

GAUGE HEIGHT 13'-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	1,010.04	0	685.85	0	361.58	0	38.84	0		0		0		0		0		0	
1/4	1,003.28	1/4	679.09	1/4	354.83	1/4	32.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	996.53	1/2	672.34	1/2	348.08	1/2	28.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	989.77	3/4	665.58	3/4	341.32	3/4	23.58	3/4		3/4		3/4		3/4		3/4		3/4	
1	983.02	1	658.83	1	334.56	1	19.07	1		1		1		1		1		1	
1/4	976.26	1/4	652.07	1/4	327.81	1/4	14.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	969.51	1/2	645.31	1/2	321.05	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	962.76	3/4	638.56	3/4	314.30	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	956.01	2	631.80	2	307.54	2		2		2		2		2		2		2	
1/4	949.26	1/4	625.05	1/4	300.78	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	942.50	1/2	618.29	1/2	294.03	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	935.75	3/4	611.53	3/4	287.27	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	928.99	3	604.78	3	280.52	3		3		3		3		3		3		3	
1/4	922.24	1/4	598.02	1/4	273.76	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	915.48	1/2	591.27	1/2	267.00	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	908.72	3/4	584.51	3/4	260.25	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	901.97	4	577.75	4	253.49	4		4		4		4		4		4		4	
1/4	895.21	1/4	571.00	1/4	246.74	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	888.46	1/2	564.24	1/2	239.98	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	881.71	3/4	557.49	3/4	233.22	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	874.96	5	550.73	5	226.47	5		5		5		5		5		5		5	
1/4	868.21	1/4	543.97	1/4	219.71	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	861.46	1/2	537.22	1/2	212.96	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	854.70	3/4	530.46	3/4	206.20	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	847.94	6	523.71	6	199.44	6		6		6		6		6		6		6	
1/4	841.19	1/4	516.95	1/4	192.69	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	834.44	1/2	510.19	1/2	185.93	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	827.69	3/4	503.44	3/4	179.18	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	820.94	7	496.68	7	172.42	7		7		7		7		7		7		7	
1/4	814.19	1/4	489.93	1/4	165.66	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	807.43	1/2	483.17	1/2	158.91	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	800.68	3/4	476.41	3/4	152.15	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	793.92	8	469.66	8	145.40	8		8		8		8		8		8		8	
1/4	787.16	1/4	462.90	1/4	138.64	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	780.41	1/2	456.15	1/2	131.88	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	773.65	3/4	449.39	3/4	125.13	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	766.90	9	442.63	9	118.37	9		9		9		9		9		9		9	
1/4	760.14	1/4	435.88	1/4	111.62	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	753.39	1/2	429.12	1/2	104.86	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	746.64	3/4	422.37	3/4	98.10	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	739.89	10	415.61	10	91.35	10		10		10		10		10		10		10	
1/4	733.14	1/4	408.85	1/4	84.59	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	726.39	1/2	402.10	1/2	77.84	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	719.63	3/4	395.34	3/4	71.08	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	712.87	11	388.59	11	64.32	11		11		11		11		11		11		11	
1/4	706.12	1/4	381.83	1/4	57.57	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	699.36	1/2	375.08	1/2	51.32	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	692.61	3/4	368.33	3/4	45.08	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/16/1979 CM
DECK MEASUREMENTS: 04/28/2014 SW
REPRINTED: 05/07/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "KIRBY 12003"

2 PORT ULLAGE TABLE

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

FORMERLY "KEX 1201"

GAUGE HEIGHT 13'-01 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		
0		0		0		0		0		0		0		0		0		0		
						3,071.86		2,786.53		2,480.84		2,175.13		1,869.41		1,563.72		1,258.01		
1/4	1/4	1/4	1/4	1/4	1/4	3,069.31	1/4	2,780.16	1/4	2,474.47	1/4	2,168.76	1/4	1,863.05	1/4	1,557.35	1/4	1,251.64		
1/2	1/2	1/2	1/2	1/2	1/2	3,065.49	1/2	2,773.80	1/2	2,468.10	1/2	2,162.39	1/2	1,856.68	1/2	1,550.98	1/2	1,245.27		
3/4	3/4	3/4	3/4	3/4	3/4	3,061.67	3/4	2,767.43	3/4	2,461.73	3/4	2,156.02	3/4	1,850.31	3/4	1,544.61	3/4	1,238.90		
1		1		1		3,057.84		2,761.06		2,455.36		2,149.65		1,843.94		1,538.24		1,232.53		
1/4	1/4	1/4	1/4	1/4	1/4	3,054.02	1/4	2,754.69	1/4	2,448.99	1/4	2,143.28	1/4	1,837.57	1/4	1,531.87	1/4	1,226.16		
1/2	1/2	1/2	1/2	1/2	1/2	3,048.93	1/2	2,748.32	1/2	2,442.62	1/2	2,136.91	1/2	1,831.20	1/2	1,525.51	1/2	1,219.79		
3/4	3/4	3/4	3/4	3/4	3/4	3,043.84	3/4	2,741.95	3/4	2,436.26	3/4	2,130.54	3/4	1,824.83	3/4	1,519.14	3/4	1,213.42		
2		2		2		3,038.75		2,735.58		2,429.89		2,124.17		1,818.46		1,512.77		1,207.06		
1/4	1/4	1/4	1/4	1/4	1/4	3,033.67	1/4	2,729.21	1/4	2,423.52	1/4	2,117.81	1/4	1,812.09	1/4	1,506.40	1/4	1,200.69		
1/2	1/2	1/2	1/2	1/2	1/2	3,027.61	1/2	2,722.84	1/2	2,417.15	1/2	2,111.44	1/2	1,805.72	1/2	1,500.03	1/2	1,194.32		
3/4	3/4	3/4	3/4	3/4	3/4	3,021.56	3/4	2,716.47	3/4	2,410.78	3/4	2,105.07	3/4	1,799.36	3/4	1,493.66	3/4	1,187.95		
3		3		3		3,015.50		2,710.11		2,404.41		2,098.70		1,792.99		1,487.29		1,181.58		
1/4	1/4	1/4	1/4	1/4	1/4	3,009.45	1/4	2,703.74	1/4	2,398.04	1/4	2,092.33	1/4	1,786.62	1/4	1,480.92	1/4	1,175.21		
1/2	1/2	1/2	1/2	1/2	1/2	3,003.08	1/2	2,697.37	1/2	2,391.67	1/2	2,085.96	1/2	1,780.25	1/2	1,474.55	1/2	1,168.84		
3/4	3/4	3/4	3/4	3/4	3/4	2,996.71	3/4	2,691.00	3/4	2,385.30	3/4	2,079.59	3/4	1,773.88	3/4	1,468.18	3/4	1,162.47		
4		4		4		2,990.34		2,684.63		2,378.93		2,073.22		1,767.51		1,461.82		1,156.10		
1/4	1/4	1/4	1/4	1/4	1/4	2,983.97	1/4	2,678.26	1/4	2,372.57	1/4	2,066.85	1/4	1,761.14	1/4	1,455.45	1/4	1,149.73		
1/2	1/2	1/2	1/2	1/2	1/2	2,977.60	1/2	2,671.89	1/2	2,366.20	1/2	2,060.48	1/2	1,754.77	1/2	1,449.08	1/2	1,143.37		
3/4	3/4	3/4	3/4	3/4	3/4	2,971.23	3/4	2,665.52	3/4	2,359.83	3/4	2,054.12	3/4	1,748.40	3/4	1,442.71	3/4	1,137.00		
5		5		5		2,964.87		2,659.15		2,353.46		2,047.75		1,742.03		1,436.34		1,130.63		
1/4	1/4	1/4	1/4	1/4	1/4	2,958.50	1/4	2,652.78	1/4	2,347.09	1/4	2,041.38	1/4	1,735.67	1/4	1,429.97	1/4	1,124.26		
1/2	1/2	1/2	1/2	1/2	1/2	2,952.13	1/2	2,646.42	1/2	2,340.72	1/2	2,035.01	1/2	1,729.30	1/2	1,423.60	1/2	1,117.89		
3/4	3/4	3/4	3/4	3/4	3/4	2,945.76	3/4	2,640.05	3/4	2,334.35	3/4	2,028.64	3/4	1,722.93	3/4	1,417.23	3/4	1,111.52		
6		6		6		2,939.39		2,633.68		2,327.98		2,022.27		1,716.56		1,410.86		1,105.15		
1/4	1/4	1/4	1/4	1/4	1/4	2,933.02	1/4	2,627.31	1/4	2,321.61	1/4	2,015.90	1/4	1,710.19	1/4	1,404.49	1/4	1,098.78		
1/2	1/2	1/2	1/2	1/2	1/2	2,926.65	1/2	2,620.94	1/2	2,315.24	1/2	2,009.53	1/2	1,703.82	1/2	1,398.13	1/2	1,092.41		
3/4	3/4	3/4	3/4	3/4	3/4	2,920.28	3/4	2,614.57	3/4	2,308.88	3/4	2,003.16	3/4	1,697.46	3/4	1,391.76	3/4	1,086.04		
7		7		7		2,913.91		2,608.20		2,302.51		1,996.79		1,691.10		1,385.39		1,079.68		
1/4	1/4	1/4	1/4	1/4	1/4	2,907.54	1/4	2,601.83	1/4	2,296.14	1/4	1,990.43	1/4	1,684.73	1/4	1,379.02	1/4	1,073.31		
1/2	1/2	1/2	1/2	1/2	1/2	2,901.18	1/2	2,595.47	1/2	2,289.77	1/2	1,984.06	1/2	1,678.36	1/2	1,372.65	1/2	1,066.94		
3/4	3/4	3/4	3/4	3/4	3/4	2,894.81	3/4	2,589.10	3/4	2,283.40	3/4	1,977.69	3/4	1,671.99	3/4	1,366.28	3/4	1,060.57		
8		8		8		2,888.44		2,582.74		2,277.03		1,971.32		1,665.62		1,359.91		1,054.20		
1/4	1/4	1/4	1/4	1/4	1/4	2,882.07	1/4	2,576.37	1/4	2,270.66	1/4	1,964.95	1/4	1,659.25	1/4	1,353.54	1/4	1,047.83		
1/2	1/2	1/2	1/2	1/2	1/2	2,875.70	1/2	2,570.00	1/2	2,264.29	1/2	1,958.58	1/2	1,652.89	1/2	1,347.17	1/2	1,041.46		
3/4	3/4	3/4	3/4	3/4	3/4	2,869.33	3/4	2,563.64	3/4	2,257.92	3/4	1,952.21	3/4	1,646.52	3/4	1,340.80	3/4	1,035.09		
9		9		9		2,862.96		2,557.27		2,251.55		1,945.84		1,640.15		1,334.44		1,028.72		
1/4	1/4	1/4	1/4	1/4	1/4	2,856.59	1/4	2,550.90	1/4	2,245.19	1/4	1,939.47	1/4	1,633.78	1/4	1,328.07	1/4	1,022.35		
1/2	1/2	1/2	1/2	1/2	1/2	2,850.22	1/2	2,544.53	1/2	2,238.82	1/2	1,933.10	1/2	1,627.41	1/2	1,321.70	1/2	1,015.99		
3/4	3/4	3/4	3/4	3/4	3/4	3,085.88	3/4	2,843.85	3/4	2,538.16	3/4	2,232.45	3/4	1,926.74	3/4	1,621.04	3/4	1,315.33	3/4	1,009.62
10		10		10		3,085.24		2,837.49		2,531.79		2,226.08		1,920.37		1,308.96		1,003.25		
1/4	1/4	1/4	1/4	1/4	1/4	3,084.59	1/4	2,831.12	1/4	2,525.42	1/4	2,219.71	1/4	1,914.00	1/4	1,302.59	1/4	996.88		
1/2	1/2	1/2	1/2	1/2	1/2	3,083.32	1/2	2,824.75	1/2	2,519.05	1/2	2,213.34	1/2	1,907.63	1/2	1,296.22	1/2	990.51		
3/4	3/4	3/4	3/4	3/4	3/4	3,082.05	3/4	2,818.38	3/4	2,512.68	3/4	2,206.97	3/4	1,901.26	3/4	1,289.85	3/4	984.14		
11		11		11		3,080.77		2,812.01		2,506.31		2,200.60		1,894.89		1,283.48		977.77		
1/4	1/4	1/4	1/4	1/4	1/4	3,079.50	1/4	2,805.64	1/4	2,499.95	1/4	2,194.23	1/4	1,888.52	1/4	1,277.11	1/4	971.40		
1/2	1/2	1/2	1/2	1/2	1/2	3,076.95	1/2	2,799.27	1/2	2,493.58	1/2	2,187.86	1/2	1,882.15	1/2	1,270.75	1/2	965.03		
3/4	3/4	3/4	3/4	3/4	3/4	3,074.40	3/4	2,792.90	3/4	2,487.21	3/4	2,181.50	3/4	1,875.78	3/4	1,264.38	3/4	958.66		

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC CLOSED GAUGING DEVICE"
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 28'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 12003"

2 PORT ULLAGE TABLE

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

FORMERLY "KEX 1201"

GAUGE HEIGHT 13'-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	952.30	0	646.60	0	340.89	0	36.62	0		0		0		0		0		0	
1/4	945.93	1/4	640.23	1/4	334.52	1/4	30.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	939.56	1/2	633.86	1/2	328.15	1/2	26.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	933.19	3/4	627.49	3/4	321.78	3/4	22.24	3/4		3/4		3/4		3/4		3/4		3/4	
1	926.82	1	621.13	1	315.41	1	17.99	1		1		1		1		1		1	
1/4	920.45	1/4	614.76	1/4	309.04	1/4	13.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	914.08	1/2	608.39	1/2	302.68	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	907.71	3/4	602.02	3/4	296.31	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	901.34	2	595.65	2	289.94	2		2		2		2		2		2		2	
1/4	894.97	1/4	589.28	1/4	283.57	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	888.61	1/2	582.91	1/2	277.20	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	882.24	3/4	576.54	3/4	270.83	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	875.87	3	570.17	3	264.46	3		3		3		3		3		3		3	
1/4	869.50	1/4	563.80	1/4	258.09	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	863.13	1/2	557.44	1/2	251.72	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	856.76	3/4	551.07	3/4	245.35	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	850.39	4	544.70	4	238.99	4		4		4		4		4		4		4	
1/4	844.02	1/4	538.33	1/4	232.62	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	837.65	1/2	531.96	1/2	226.25	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	831.28	3/4	525.59	3/4	219.88	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	824.92	5	519.22	5	213.51	5		5		5		5		5		5		5	
1/4	818.55	1/4	512.85	1/4	207.14	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	812.18	1/2	506.48	1/2	200.77	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	805.81	3/4	500.11	3/4	194.40	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	799.44	6	493.75	6	188.03	6		6		6		6		6		6		6	
1/4	793.07	1/4	487.38	1/4	181.66	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	786.71	1/2	481.01	1/2	175.30	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	780.34	3/4	474.64	3/4	168.93	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	773.98	7	468.27	7	162.56	7		7		7		7		7		7		7	
1/4	767.61	1/4	461.90	1/4	156.19	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	761.24	1/2	455.53	1/2	149.82	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	754.87	3/4	449.16	3/4	143.45	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	748.51	8	442.79	8	137.08	8		8		8		8		8		8		8	
1/4	742.14	1/4	436.42	1/4	130.71	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	735.77	1/2	430.06	1/2	124.34	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	729.40	3/4	423.69	3/4	117.97	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	723.03	9	417.32	9	111.61	9		9		9		9		9		9		9	
1/4	716.66	1/4	410.95	1/4	105.24	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	710.29	1/2	404.58	1/2	98.87	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	703.92	3/4	398.21	3/4	92.50	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	697.55	10	391.84	10	86.13	10		10		10		10		10		10		10	
1/4	691.18	1/4	385.47	1/4	79.76	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	684.82	1/2	379.10	1/2	73.39	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	678.45	3/4	372.73	3/4	67.02	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	672.08	11	366.37	11	60.65	11		11		11		11		11		11		11	
1/4	665.71	1/4	360.00	1/4	54.28	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	659.34	1/2	353.63	1/2	48.40	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	652.97	3/4	347.26	3/4	42.51	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/16/1979 CM
DECK MEASUREMENTS: 04/28/2014 SW
REPRINTED: 05/07/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

PRECISION MEASUREMENT
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BARGE "KIRBY 12003"

2 STBD ULLAGE TABLE

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

FORMERLY "KEX 1201"

GAUGE HEIGHT 13'-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	3,075.12	0	2,797.51	0	2,491.90	0	2,186.29	0	1,880.67	0	1,575.06	0	1,269.44
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,072.57	1/4	2,791.15	1/4	2,485.53	1/4	2,179.92	1/4	1,874.31	1/4	1,568.69	1/4	1,263.07
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,070.02	1/2	2,784.79	1/2	2,479.17	1/2	2,173.56	1/2	1,867.94	1/2	1,562.32	1/2	1,256.70
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,067.47	3/4	2,778.43	3/4	2,472.81	3/4	2,167.19	3/4	1,861.57	3/4	1,555.95	3/4	1,250.33
1		1		1		1	3,063.66	1	2,772.06	1	2,466.44	1	2,160.82	1	1,855.20	1	1,549.58	1	1,243.96
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,059.84	1/4	2,765.69	1/4	2,460.07	1/4	2,154.45	1/4	1,848.83	1/4	1,543.21	1/4	1,237.59
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,056.03	1/2	2,759.32	1/2	2,453.70	1/2	2,148.08	1/2	1,842.46	1/2	1,536.84	1/2	1,231.22
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,052.21	3/4	2,752.95	3/4	2,447.33	3/4	2,141.71	3/4	1,836.09	3/4	1,530.47	3/4	1,224.85
2		2		2		2	3,047.12	2	2,746.58	2	2,440.97	2	2,135.35	2	1,829.73	2	1,524.11	2	1,218.49
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,042.02	1/4	2,740.21	1/4	2,434.60	1/4	2,128.98	1/4	1,823.37	1/4	1,517.75	1/4	1,212.13
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,036.92	1/2	2,733.84	1/2	2,428.24	1/2	2,122.62	1/2	1,817.00	1/2	1,511.38	1/2	1,205.76
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,031.83	3/4	2,727.47	3/4	2,421.88	3/4	2,116.26	3/4	1,810.64	3/4	1,505.02	3/4	1,199.40
3		3		3		3	3,025.78	3	2,721.11	3	2,415.51	3	2,109.89	3	1,804.27	3	1,498.65	3	1,193.03
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,019.73	1/4	2,714.75	1/4	2,409.14	1/4	2,103.52	1/4	1,797.90	1/4	1,492.28	1/4	1,186.66
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,013.69	1/2	2,708.38	1/2	2,402.77	1/2	2,097.15	1/2	1,791.53	1/2	1,485.91	1/2	1,180.29
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,007.64	3/4	2,702.02	3/4	2,396.40	3/4	2,090.78	3/4	1,785.16	3/4	1,479.54	3/4	1,173.92
4		4		4		4	3,001.27	4	2,695.65	4	2,390.03	4	2,084.41	4	1,778.79	4	1,473.17	4	1,167.56
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,994.90	1/4	2,689.28	1/4	2,383.66	1/4	2,078.04	1/4	1,772.42	1/4	1,466.81	1/4	1,161.20
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,988.53	1/2	2,682.91	1/2	2,377.29	1/2	2,071.67	1/2	1,766.06	1/2	1,460.44	1/2	1,154.84
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,982.16	3/4	2,676.54	3/4	2,370.92	3/4	2,065.31	3/4	1,759.69	3/4	1,454.07	3/4	1,148.47
5		5		5		5	2,975.79	5	2,670.17	5	2,364.56	5	2,058.94	5	1,753.32	5	1,447.70	5	1,142.10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,969.42	1/4	2,663.81	1/4	2,358.20	1/4	2,052.58	1/4	1,746.96	1/4	1,441.34	1/4	1,135.73
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,963.06	1/2	2,657.44	1/2	2,351.84	1/2	2,046.22	1/2	1,740.60	1/2	1,434.98	1/2	1,129.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,956.69	3/4	2,651.07	3/4	2,345.47	3/4	2,039.85	3/4	1,734.23	3/4	1,428.62	3/4	1,123.00
6		6		6		6	2,950.32	6	2,644.70	6	2,339.10	6	2,033.48	6	1,727.87	6	1,422.25	6	1,116.63
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,943.96	1/4	2,638.34	1/4	2,332.73	1/4	2,027.12	1/4	1,721.50	1/4	1,415.88	1/4	1,110.26
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,937.60	1/2	2,631.98	1/2	2,326.37	1/2	2,020.75	1/2	1,715.13	1/2	1,409.51	1/2	1,103.89
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,931.23	3/4	2,625.62	3/4	2,320.00	3/4	2,014.38	3/4	1,708.76	3/4	1,403.14	3/4	1,097.52
7		7		7		7	2,924.87	7	2,619.25	7	2,313.63	7	2,008.01	7	1,702.39	7	1,396.77	7	1,091.16
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,918.50	1/4	2,612.88	1/4	2,307.26	1/4	2,001.64	1/4	1,696.02	1/4	1,390.40	1/4	1,084.79
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,912.13	1/2	2,606.51	1/2	2,300.89	1/2	1,995.27	1/2	1,689.65	1/2	1,384.03	1/2	1,078.43
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,905.76	3/4	2,600.14	3/4	2,294.52	3/4	1,988.90	3/4	1,683.28	3/4	1,377.66	3/4	1,072.07
8		8		8		8	2,899.39	8	2,593.77	8	2,288.16	8	1,982.54	8	1,676.92	8	1,371.30	8	1,065.70
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,893.02	1/4	2,587.40	1/4	2,281.79	1/4	1,976.17	1/4	1,670.56	1/4	1,364.94	1/4	1,059.33
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,886.65	1/2	2,581.03	1/2	2,275.43	1/2	1,969.81	1/2	1,664.19	1/2	1,358.57	1/2	1,052.96
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,880.28	3/4	2,574.66	3/4	2,269.07	3/4	1,963.45	3/4	1,657.83	3/4	1,352.21	3/4	1,046.59
9		9		9		9	2,873.92	9	2,568.30	9	2,262.70	9	1,957.08	9	1,651.46	9	1,345.84	9	1,040.22
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,867.56	1/4	2,561.94	1/4	2,256.33	1/4	1,950.71	1/4	1,645.09	1/4	1,339.47	1/4	1,033.85
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,861.19	1/2	2,555.57	1/2	2,249.96	1/2	1,944.34	1/2	1,638.72	1/2	1,333.10	1/2	1,027.48
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,854.83	3/4	2,549.21	3/4	2,243.59	3/4	1,937.97	3/4	1,632.35	3/4	1,326.73	3/4	1,021.12
10		10		10		10	2,848.46	10	2,542.84	10	2,237.22	10	1,931.60	10	1,625.98	10	1,320.37	10	1,014.75
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,084.02	1/4	2,842.09	1/4	2,536.47	1/4	2,230.85	1/4	1,925.23	1/4	1,314.00	1/4	1,008.39
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,083.39	1/2	2,835.72	1/2	2,530.10	1/2	2,224.48	1/2	1,918.87	1/2	1,307.63	1/2	1,002.03
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,082.76	3/4	2,829.35	3/4	2,523.73	3/4	2,218.12	3/4	1,912.50	3/4	1,301.26	3/4	995.66
11		11		11		11	3,081.48	11	2,822.98	11	2,517.37	11	2,211.75	11	1,906.13	11	1,294.90	11	989.29
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,080.21	1/4	2,816.62	1/4	2,511.00	1/4	2,205.39	1/4	1,899.77	1/4	1,288.53	1/4	982.92
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,078.94	1/2	2,810.25	1/2	2,504.63	1/2	2,199.03	1/2	1,893.41	1/2	1,282.17	1/2	976.56
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,077.66	3/4	2,803.88	3/4	2,498.26	3/4	2,192.66	3/4	1,887.04	3/4	1,275.81	3/4	970.19

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC CLOSED GAUGING DEVICE"
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 28'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 12003"

2 STBD ULLAGE TABLE

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

FORMERLY "KEX 1201"

GAUGE HEIGHT 13'-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	963.82	0	659.18	0	353.56	0	48.39	0		0		0		0		0		0	
1/4	957.45	1/4	652.82	1/4	347.19	1/4	42.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	951.08	1/2	646.45	1/2	340.82	1/2	36.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	944.71	3/4	640.09	3/4	334.45	3/4	30.73	3/4		3/4		3/4		3/4		3/4		3/4	
1	938.35	1	633.72	1	328.09	1	26.48	1		1		1		1		1		1	
1/4	931.98	1/4	627.35	1/4	321.72	1/4	22.23	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	925.62	1/2	620.98	1/2	315.36	1/2	17.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	919.26	3/4	614.62	3/4	309.00	3/4	13.73	3/4		3/4		3/4		3/4		3/4		3/4	
2	912.92	2	608.25	2	302.63	2		2		2		2		2		2		2	
1/4	906.58	1/4	601.88	1/4	296.26	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	900.24	1/2	595.51	1/2	289.89	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	893.90	3/4	589.14	3/4	283.52	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	887.57	3	582.78	3	277.15	3		3		3		3		3		3		3	
1/4	881.23	1/4	576.41	1/4	270.78	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	874.90	1/2	570.05	1/2	264.41	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	868.57	3/4	563.69	3/4	258.04	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	862.23	4	557.32	4	251.68	4		4		4		4		4		4		4	
1/4	855.89	1/4	550.95	1/4	245.32	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	849.55	1/2	544.58	1/2	238.95	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	843.21	3/4	538.21	3/4	232.59	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	836.88	5	531.84	5	226.22	5		5		5		5		5		5		5	
1/4	830.54	1/4	525.47	1/4	219.85	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	824.21	1/2	519.10	1/2	213.48	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	817.88	3/4	512.73	3/4	207.12	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	811.54	6	506.37	6	200.75	6		6		6		6		6		6		6	
1/4	805.20	1/4	500.01	1/4	194.38	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	798.86	1/2	493.65	1/2	188.01	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	792.52	3/4	487.28	3/4	181.64	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	786.19	7	480.91	7	175.28	7		7		7		7		7		7		7	
1/4	779.85	1/4	474.54	1/4	168.91	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	773.52	1/2	468.17	1/2	162.55	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	767.19	3/4	461.81	3/4	156.19	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	760.85	8	455.44	8	149.82	8		8		8		8		8		8		8	
1/4	754.51	1/4	449.07	1/4	143.45	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	748.17	1/2	442.70	1/2	137.08	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	741.83	3/4	436.33	3/4	130.71	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	735.50	9	429.97	9	124.34	9		9		9		9		9		9		9	
1/4	729.16	1/4	423.60	1/4	117.97	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	722.83	1/2	417.24	1/2	111.60	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	716.50	3/4	410.88	3/4	105.23	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	710.13	10	404.51	10	98.86	10		10		10		10		10		10		10	
1/4	703.76	1/4	398.14	1/4	92.50	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	697.39	1/2	391.77	1/2	86.13	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	691.02	3/4	385.40	3/4	79.76	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	684.65	11	379.03	11	73.39	11		11		11		11		11		11		11	
1/4	678.28	1/4	372.66	1/4	67.02	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	671.91	1/2	366.29	1/2	60.65	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	665.54	3/4	359.92	3/4	54.28	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/16/1979 CM
DECK MEASUREMENTS: 04/28/2014 SW
REPRINTED: 05/07/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

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