

# BARGE "1B 1018"

INGRAM BARGE LINES

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

IN.	0 FEET	1 FEET	2 FEET	3 FEET	4 FEET	5 FEET	6 FEET	7 FEET	FEET
0	945.91	11,616.13	22,601.08	33,513.95	44,381.48	55,249.02	66,116.55	76,984.09	IN. CONTINUED ON
1/4	1,172.43	12,042.55	22,906.70	33,740.35	44,607.89	55,475.42	66,342.96	77,210.50	SHEET NO. 2
1/2	1,398.95	12,268.97	23,132.52	33,966.76	44,834.30	55,701.83	66,569.37	77,436.90	
3/4	1,625.47	12,495.39	23,352.92	34,193.17	45,060.70	55,928.24	66,795.77	77,663.31	
1	1,852.00	12,721.81	23,583.56	34,419.57	45,287.11	56,154.65	67,022.18	77,889.71	
1 1/4	2,078.52	12,948.18	23,809.18	34,645.98	45,513.52	56,381.05	67,248.59	78,116.13	
1 1/2	2,305.04	13,174.65	24,034.80	34,872.39	45,739.92	56,607.46	67,475.00	78,342.53	
1 3/4	2,531.57	13,401.07	24,260.41	35,098.79	45,966.33	56,833.82	67,701.40	78,568.95	
2	2,758.09	13,627.47	24,486.03	35,325.20	46,192.74	57,060.27	67,927.81	78,795.35	
2 1/4	2,984.61	13,853.91	24,711.65	35,551.61	46,419.14	57,286.60	68,154.22	79,021.75	
2 1/2	3,211.14	14,080.33	24,937.27	35,778.02	46,645.55	57,513.09	68,380.62	79,248.19	
2 3/4	3,437.66	14,306.75	25,162.89	36,004.42	46,871.96	57,739.49	68,607.03	79,474.57	
3	3,664.18	14,533.17	25,388.51	36,230.83	47,098.37	57,965.90	68,833.44	79,700.97	
3 1/4	3,890.70	14,759.59	25,614.13	36,457.24	47,324.77	58,192.31	69,059.84	79,927.38	
3 1/2	4,117.23	14,986.01	25,839.75	36,683.64	47,551.18	58,418.72	69,286.25	80,153.79	
3 3/4	4,343.75	15,212.43	26,065.37	36,910.05	47,777.59	58,645.12	69,512.66	80,380.19	
4	4,570.27	15,438.05	26,290.99	37,136.46	48,003.99	58,871.53	69,739.07	80,606.60	
4 1/4	4,796.80	15,663.67	26,516.60	37,362.86	48,230.34	59,097.94	69,965.47	80,833.01	
4 1/2	5,023.32	15,889.29	26,742.22	37,589.27	48,456.81	59,324.34	70,191.88	81,059.42	
4 3/4	5,249.84	16,114.91	26,967.84	37,815.68	48,683.21	59,550.75	70,418.29	81,285.82	
5	5,476.37	16,340.53	27,193.46	38,042.09	48,909.62	59,777.16	70,644.69	81,512.23	
5 1/4	5,702.89	16,566.15	27,419.08	38,268.49	49,136.03	60,003.56	70,871.10	81,738.64	
5 1/2	5,929.41	16,791.77	27,644.70	38,494.90	49,362.44	60,229.97	71,097.51	81,965.04	
5 3/4	6,155.93	17,017.39	27,870.32	38,721.31	49,588.84	60,456.38	71,323.91	82,191.45	
6	6,382.45	17,243.01	28,095.94	38,947.71	49,815.25	60,682.79	71,550.32	82,417.86	
6 1/4	6,608.97	17,468.63	28,321.56	39,174.12	50,041.66	60,909.19	71,776.73	82,644.26	
6 1/2	6,835.49	17,694.25	28,547.18	39,400.53	50,268.06	61,135.60	72,003.14	82,870.67	
6 3/4	7,062.01	17,919.87	28,772.79	39,626.93	50,494.47	61,362.01	72,229.54	83,097.08	
7	7,287.53	18,145.49	28,998.41	39,853.34	50,720.88	61,588.41	72,455.95	83,323.49	
7 1/4	7,514.15	18,371.11	29,224.03	40,079.75	50,947.28	61,814.82	72,682.36	83,549.89	
7 1/2	7,740.57	18,596.73	29,449.65	40,306.16	51,173.69	62,041.23	72,908.76	83,776.30	
7 3/4	7,966.99	18,822.35	29,675.27	40,532.56	51,400.10	62,267.63	73,135.17	84,002.71	
8	8,193.41	19,047.97	29,900.89	40,758.97	51,626.51	62,494.04	73,361.58	84,229.11	
8 1/4	8,419.83	19,273.59	30,126.51	40,985.38	51,852.91	62,720.45	73,587.98	84,455.52	
8 1/2	8,646.25	19,500.21	30,352.13	41,211.78	52,079.32	62,946.86	73,814.39	84,681.93	
8 3/4	8,872.67	19,726.83	30,577.75	41,438.19	52,305.73	63,173.26	74,040.80	84,908.33	
9	9,099.09	19,953.45	30,803.37	41,664.60	52,532.13	63,399.67	74,267.21	85,134.74	
9 1/4	9,325.51	20,180.07	31,028.98	41,891.00	52,758.54	63,626.08	74,493.61	85,361.15	
9 1/2	9,551.93	20,406.69	31,254.60	42,117.41	52,984.95	63,852.48	74,720.02	85,587.56	
9 3/4	9,778.35	20,633.31	31,480.22	42,343.82	53,211.35	64,078.89	74,946.43	85,813.96	
10	10,004.77	20,859.93	31,705.84	42,570.23	53,437.76	64,305.30	75,172.83	86,040.37	
10 1/4	10,231.19	21,086.55	31,931.46	42,796.63	53,664.17	64,531.70	75,399.24	86,266.78	
10 1/2	10,457.61	21,313.17	32,157.08	43,023.04	53,890.58	64,758.11	75,625.65	86,493.19	
10 3/4	10,684.03	21,539.79	32,382.70	43,249.45	54,116.98	64,984.52	75,852.03	86,719.59	
11	10,910.45	21,766.41	32,608.32	43,475.85	54,343.39	65,210.93	76,078.46	86,946.00	
11 1/4	11,136.87	22,000.03	32,834.94	43,702.26	54,569.80	65,437.33	76,304.87	87,172.40	
11 1/2	11,363.29	22,229.64	33,061.55	43,928.67	54,796.20	65,663.74	76,531.28	87,398.81	
11 3/4	11,589.71	22,455.26	33,287.54	44,155.07	55,022.61	65,890.15	76,757.68	87,625.22	

CAPACITY IN: U.S. GALLONS

\*CAPACITY BELOW STRIKE POINT.

GAUGE HEIGHT: 14'-11" (TO TOP OF BALL VALVE HATCH)

STRAPPED: 3/27/92

WE CERTIFY ALL MEASUREMENTS AND CORR. ALLOWNS ARE IN ACCORDANCE WITH APPLICABLE AP STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

*Chas. Martin*  
 CHAS. MARTIN CORPORATION

FILE NO. 1588

# BARGE "1B 1018"

INGRAM BARGE LINES

COMPANY OF INDIANAPOLIS (1)  
 BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN  
 SHELL NO. 1588

IN.	8 FEET	9 FEET	10 FEET	11 FEET	12 FEET	13 FEET	14 FEET	IN.	FEET	IN.	FEET
0	87,651.63	98,719.16	109,587.16	119,142.95	128,698.75	138,254.54	144,414.91	0		0	
1/4	88,078.03	98,945.57	109,786.24	119,342.03	128,897.82	138,453.62	144,614.91	1/4		1/4	
1/2	88,504.44	99,171.98	109,983.52	119,541.11	129,096.90	138,652.70	144,825.97	1/2		1/2	
3/4	88,530.85	99,398.58	110,184.40	119,740.19	129,295.98	138,851.77		3/4		3/4	
1	88,757.25	99,624.79	110,383.48	119,939.27	129,495.06	139,050.85		1		1	
1 1/4	88,983.66	99,851.20	110,582.56	120,136.35	129,694.14	139,249.93		1 1/4		1 1/4	
1 1/2	89,210.07	100,077.60	110,781.64	120,337.43	129,895.22	139,449.01		1 1/2		1 1/2	
1 3/4	89,436.47	100,304.01	110,980.71	120,538.51	130,092.30	139,648.09		1 3/4		1 3/4	
2	89,662.88	100,530.42	111,179.79	120,739.59	130,291.38	139,847.17		2		2	
2 1/4	89,889.29	100,756.82	111,378.87	120,934.66	130,490.46	140,046.25		2 1/4		2 1/4	
2 1/2	90,115.70	100,983.23	111,577.95	121,133.74	130,689.54	140,245.33		2 1/2		2 1/2	
2 3/4	90,342.10	101,209.64	111,777.03	121,332.82	130,888.61	140,444.41		2 3/4		2 3/4	
3	90,568.51	101,436.05	111,976.11	121,531.90	131,087.69	140,643.49		3		3	
3 1/4	90,794.92	101,662.45	112,175.19	121,730.98	131,286.77	140,842.56		3 1/4		3 1/4	
3 1/2	91,021.32	101,888.86	112,374.27	121,930.06	131,485.85	141,041.64		3 1/2		3 1/2	
3 3/4	91,247.73	102,115.27	112,573.35	122,129.14	131,684.93	141,240.70		3 3/4		3 3/4	
4	91,474.14	102,341.67	112,772.43	122,328.22	131,884.01	141,440.62		4		4	
4 1/4	91,700.54	102,568.08	112,971.50	122,527.30	132,083.09	141,594.64		4 1/4		4 1/4	
4 1/2	91,926.95	102,794.49	113,170.58	122,726.38	132,282.17	141,760.53		4 1/2		4 1/2	
4 3/4	92,153.36	103,020.89	113,369.66	122,925.45	132,481.25	141,926.43		4 3/4		4 3/4	
5	92,379.77	103,247.30	113,568.74	123,124.53	132,680.33	142,092.33		5		5	
5 1/4	92,606.17	103,473.71	113,767.82	123,323.61	132,879.40	142,258.23		5 1/4		5 1/4	
5 1/2	92,832.58	103,700.12	113,966.90	123,522.69	133,078.48	142,402.01		5 1/2		5 1/2	
5 3/4	93,058.99	103,926.52	114,165.98	123,721.77	133,277.56	142,545.79		5 3/4		5 3/4	
6	93,285.39	104,152.93	114,365.06	123,920.85	133,476.64	142,689.57		6		6	
6 1/4	93,511.80	104,379.34	114,564.14	124,119.93	133,675.72	142,833.34		6 1/4		6 1/4	
6 1/2	93,738.21	104,605.74	114,763.22	124,319.01	133,874.80	142,955.00		6 1/2		6 1/2	
6 3/4	93,964.61	104,832.15	114,962.29	124,518.09	134,073.88	143,076.66		6 3/4		6 3/4	
7	94,191.02	105,058.56	115,161.37	124,717.17	134,272.96	143,198.32		7		7	
7 1/4	94,417.43	105,284.96	115,360.45	124,916.24	134,472.04	143,319.98		7 1/4		7 1/4	
7 1/2	94,643.84	105,511.37	115,559.53	125,115.32	134,671.12	143,441.64		7 1/2		7 1/2	
7 3/4	94,870.24	105,737.78	115,758.61	125,314.40	134,870.19	143,563.30		7 3/4		7 3/4	
8	95,096.65	105,964.19	115,957.69	125,513.48	135,069.27	143,684.96		8		8	
8 1/4	95,323.06	106,190.59	116,156.77	125,712.56	135,268.35	143,806.62		8 1/4		8 1/4	
8 1/2	95,549.46	106,417.00	116,355.85	125,911.64	135,467.43	143,928.28		8 1/2		8 1/2	
8 3/4	95,775.87	106,643.41	116,554.93	126,110.72	135,666.51	144,049.94		8 3/4		8 3/4	
9	96,002.28	106,869.81	116,754.01	126,309.80	135,865.59	144,171.60		9		9	
9 1/4	96,228.68	107,096.22	116,953.08	126,508.88	136,064.67	144,293.26		9 1/4		9 1/4	
9 1/2	96,455.09	107,322.63	117,152.16	126,707.96	136,263.75	144,414.91		9 1/2		9 1/2	
9 3/4	96,681.50	107,549.03	117,351.24	126,907.03	136,462.83	144,536.57		9 3/4		9 3/4	
10	96,907.91	107,775.44	117,550.32	127,106.11	136,661.91	144,658.22		10		10	
10 1/4	97,134.31	108,001.85	117,749.40	127,305.19	136,860.98	144,779.88		10 1/4		10 1/4	
10 1/2	97,360.72	108,228.26	117,948.48	127,504.27	137,060.06	144,899.94		10 1/2		10 1/2	
10 3/4	97,587.13	108,454.66	118,147.56	127,703.35	137,259.14	145,019.99		10 3/4		10 3/4	
11	97,813.53	108,681.07	118,346.64	127,902.43	137,458.22	145,139.99		11		11	
11 1/4	98,039.94	108,907.59	118,545.72	128,101.51	137,657.30	145,259.99		11 1/4		11 1/4	
11 1/2	98,266.35	109,134.12	118,744.80	128,300.59	137,856.38	145,379.99		11 1/2		11 1/2	
11 3/4	98,492.75	109,360.64	118,943.87	128,499.67	138,055.46	145,499.99		11 3/4		11 3/4	

CAPACITY IN U. S. GALLONS  
 GAUGE HEIGHT: 14'-11" (10 TOP OF BALL VALVE HATCH)  
 STRAPPED: 3/27/19.

CHAS. MARTIN CORP. ATION

# BARGE "IB 1018"

INGRAM BARGE LINES

COMPANY OF INSPECTOR BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN SHEET NO. 012 TANK NUMB. 15688

IN.	0 FEET	1 FEET	2 FEET	3 FEET	4 FEET	5 FEET	6 FEET	7 FEET	IN.	CONTINUED ON SHEET NO. 2
0	495.21	11,424.66	22,352.31	33,240.23	44,169.69	55,099.14	66,028.60	76,958.06	0	
1/4	722.90	11,652.36	22,579.11	33,467.93	44,397.58	55,326.84	66,256.50	77,185.75	1/4	
1/2	950.60	11,880.06	22,803.90	33,695.63	44,625.08	55,554.54	66,483.99	77,413.45	1/2	
3/4	1,128.20	12,102.75	23,032.70	33,923.32	44,852.78	55,782.23	66,711.69	77,641.15	3/4	
1	1,406.00	12,335.45	23,259.49	34,151.02	45,080.48	56,009.93	66,939.39	77,868.84	1	
1 1/4	1,633.69	12,563.15	23,486.28	34,378.72	45,308.17	56,237.63	67,167.08	78,096.54	1 1/4	
1 1/2	1,861.39	12,790.05	23,713.08	34,606.41	45,535.87	56,465.33	67,394.78	78,324.24	1 1/2	
1 3/4	2,089.09	13,018.54	23,939.87	34,834.11	45,763.57	56,693.02	67,622.48	78,551.93	1 3/4	
2	2,316.78	13,246.24	24,166.67	35,061.81	45,991.26	56,920.72	67,850.18	78,779.63	2	
2 1/4	2,544.48	13,473.94	24,393.46	35,289.50	46,218.96	57,148.42	68,077.87	79,007.33	2 1/4	
2 1/2	2,772.18	13,701.63	24,620.25	35,517.20	46,446.66	57,376.11	68,305.57	79,235.03	2 1/2	
2 3/4	2,999.87	13,929.33	24,847.05	35,744.90	46,674.35	57,603.81	68,533.27	79,462.72	2 3/4	
3	3,227.57	14,157.03	25,073.84	35,972.60	46,902.05	57,831.51	68,760.96	79,690.42	3	
3 1/4	3,455.27	14,384.72	25,300.64	36,200.29	47,129.75	58,059.20	68,988.66	79,918.12	3 1/4	
3 1/2	3,682.97	14,612.42	25,527.43	36,427.99	47,357.45	58,286.90	69,216.36	80,145.81	3 1/2	
3 3/4	3,910.66	14,840.12	25,754.22	36,655.69	47,585.14	58,514.60	69,444.05	80,373.51	3 3/4	
4	4,138.36	15,067.82	25,981.02	36,883.38	47,812.84	58,742.30	69,671.75	80,601.21	4	
4 1/4	4,366.06	15,295.51	26,207.81	37,111.08	48,040.54	58,969.99	69,899.45	80,828.90	4 1/4	
4 1/2	4,593.75	15,523.21	26,434.61	37,338.78	48,268.23	59,197.69	70,127.15	81,056.60	4 1/2	
4 3/4	4,821.45	15,750.91	26,661.40	37,566.47	48,495.93	59,425.39	70,354.84	81,284.30	4 3/4	
5	5,049.15	15,978.60	26,888.19	37,794.17	48,723.53	59,653.08	70,582.54	81,512.00	5	
5 1/4	5,276.84	16,206.30	27,114.99	38,021.87	48,951.32	59,880.78	70,810.24	81,739.69	5 1/4	
5 1/2	5,504.54	16,434.00	27,341.78	38,249.57	49,179.02	60,108.48	71,037.93	81,967.39	5 1/2	
5 3/4	5,732.24	16,661.69	27,568.57	38,477.26	49,406.72	60,336.17	71,265.63	82,195.09	5 3/4	
6	5,959.94	16,889.39	27,795.37	38,704.96	49,634.42	60,563.87	71,493.33	82,422.78	6	
6 1/4	6,187.63	17,117.09	28,022.16	38,932.66	49,862.11	60,791.57	71,721.02	82,650.48	6 1/4	
6 1/2	6,415.33	17,344.79	28,248.96	39,160.35	50,089.81	61,019.27	71,948.72	82,878.18	6 1/2	
6 3/4	6,643.03	17,572.48	28,475.75	39,388.05	50,317.51	61,247.96	72,176.42	83,105.87	6 3/4	
7	6,870.72	17,800.18	28,702.55	39,615.75	50,545.20	61,474.66	72,404.12	83,333.57	7	
7 1/4	7,098.42	18,027.88	28,929.34	39,843.44	50,772.90	61,702.36	72,631.81	83,561.27	7 1/4	
7 1/2	7,326.12	18,255.57	29,156.13	40,071.14	51,000.60	61,930.05	72,859.51	83,788.97	7 1/2	
7 3/4	7,553.81	18,483.27	29,382.93	40,298.84	51,228.29	62,157.75	73,087.21	84,016.66	7 3/4	
8	7,781.51	18,710.97	29,609.72	40,526.54	51,455.99	62,385.45	73,314.90	84,244.36	8	
8 1/4	8,009.21	18,938.66	29,836.52	40,754.23	51,683.69	62,613.14	73,542.60	84,472.06	8 1/4	
8 1/2	8,236.91	19,166.36	30,063.31	40,981.93	51,911.39	62,840.84	73,770.30	84,699.75	8 1/2	
8 3/4	8,464.60	19,394.06	30,290.10	41,209.63	52,139.08	63,068.54	73,997.99	84,927.45	8 3/4	
9	8,692.30	19,621.76	30,516.90	41,437.32	52,366.78	63,296.24	74,225.69	85,155.15	9	
9 1/4	8,920.00	19,849.45	30,743.69	41,665.02	52,594.48	63,523.93	74,453.39	85,382.84	9 1/4	
9 1/2	9,147.69	20,077.15	30,970.49	41,892.72	52,822.17	63,751.63	74,681.09	85,610.54	9 1/2	
9 3/4	9,375.39	20,304.85	31,197.28	42,120.41	53,049.87	63,979.33	74,908.78	85,838.24	9 3/4	
10	9,603.09	20,532.54	31,424.07	42,348.11	53,277.57	64,207.02	75,136.48	86,065.94	10	
10 1/4	9,830.78	20,760.24	31,650.87	42,575.81	53,505.26	64,434.72	75,364.18	86,293.63	10 1/4	
10 1/2	10,058.48	20,987.94	31,877.66	42,803.51	53,732.96	64,662.42	75,591.87	86,521.33	10 1/2	
10 3/4	10,286.18	21,215.63	32,104.46	43,031.20	53,960.66	64,890.11	75,819.57	86,749.03	10 3/4	
11	10,513.88	21,443.33	32,331.25	43,258.90	54,188.36	65,117.81	76,047.27	86,976.72	11	
11 1/4	10,741.57	21,671.03	32,558.04	43,486.60	54,416.05	65,345.51	76,274.96	87,204.42	11 1/4	
11 1/2	10,969.27	21,898.73	32,784.84	43,714.29	54,643.75	65,573.21	76,502.66	87,432.12	11 1/2	
11 3/4	11,196.97	22,125.52	33,012.53	43,941.99	54,871.45	65,800.90	76,730.36	87,659.81	11 3/4	

CAPACITY IN: U. S. GALLONS GAUGE HEIGHT: 14"-11 3/4" (TO TOP OF BALL VALVE HATCH) STRAPPED: 3/27/92

WE CERTIFY ALL MEASUREMENTS AND CALCULATIONS ARE IN ACCORDANCE WITH APPLICABLE A I STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

CHAS. MARTIN CORPORATION

# BARGE "IB 1018"

INGRAM BARGE LINES

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

U. L. NO. 1588

IN.	8 FEET	9 FEET	10 FEET	11 FEET	12 FEET	13 FEET	14 FEET	FEET	FEET
0	87,887.51	98,816.97	109,746.42	120,675.88	131,605.34	142,534.79	150,010.85		
1/4	88,115.21	99,044.66	109,974.12	120,903.58	131,833.03	142,762.49	150,025.90		
1/2	80,342.91	99,272.36	110,201.02	121,131.27	132,060.73	142,990.19	150,036.15		
3/4	00,520.00	99,500.00	110,429.21	121,586.97	132,280.43	143,217.08	150,048.80		
1	08,798.50	99,727.76	110,657.21	121,586.97	132,280.43	143,217.08			
1/4	09,026.00	99,955.45	110,884.91	121,814.36	132,743.82	143,673.28			
1/2	89,253.69	100,183.15	111,112.61	122,042.06	133,199.21	144,128.67			
3/4	89,481.39	100,410.85	111,340.30	122,269.76	133,426.91	144,356.37			
2	89,709.09	100,638.54	111,568.00	122,497.46	133,654.61	144,584.06			
1/4	89,936.78	100,866.24	111,795.70	122,725.15	133,882.31	144,811.76			
1/2	90,164.48	101,093.94	112,023.39	122,952.85	134,110.00	145,039.46			
3/4	90,392.18	101,321.63	112,251.09	123,180.55	134,337.70	145,267.16			
1	90,619.88	101,549.33	112,478.79	123,408.24	134,565.40	145,494.85			
1/4	90,847.57	101,777.03	112,706.48	123,635.94	134,793.09	145,722.55			
1/2	91,075.27	102,004.73	112,934.18	123,863.64	135,020.79	145,950.25			
3/4	91,302.97	102,232.42	113,161.88	124,091.33	135,248.49	146,177.95			
1	91,530.66	102,460.12	113,389.58	124,319.03	135,476.18	146,405.64			
1/4	91,758.36	102,687.82	113,617.27	124,546.73	135,703.88	146,633.34			
1/2	91,986.06	102,915.51	113,844.97	124,774.43	135,931.58	146,861.03			
3/4	92,213.75	103,143.21	114,072.67	125,002.12	136,159.28	147,088.73			
1	92,441.45	103,370.91	114,300.36	125,229.82	136,386.97	147,316.43			
1/4	92,669.15	103,598.60	114,528.06	125,457.52	136,614.67	147,544.13			
1/2	92,896.85	103,826.30	114,755.76	125,685.21	136,842.37	147,771.83			
3/4	93,124.54	104,054.00	114,983.45	125,912.91	137,070.06	148,000.18			
1	93,352.24	104,281.70	115,211.15	126,140.61	137,297.76	148,227.22			
1/4	93,579.94	104,509.39	115,438.85	126,368.30	137,525.46	148,454.77			
1/2	93,807.63	104,737.09	115,666.55	126,596.00	137,753.15	148,682.77			
3/4	94,035.33	104,964.79	115,894.24	126,823.70	137,980.85	148,910.77			
1	94,263.03	105,192.48	116,121.94	127,051.40	138,208.55	149,138.77			
1/4	94,490.72	105,420.18	116,349.64	127,279.09	138,436.25	149,366.77			
1/2	94,718.42	105,647.88	116,577.33	127,506.79	138,663.94	149,594.77			
3/4	94,946.12	105,875.57	116,805.03	127,734.49	138,891.64	149,822.77			
1	95,173.82	106,103.27	117,032.73	127,962.18	139,119.34	149,050.77			
1/4	95,401.51	106,330.97	117,260.42	128,189.88	139,347.03	149,278.77			
1/2	95,629.21	106,558.67	117,488.12	128,417.58	139,574.73	149,506.77			
3/4	95,856.91	106,786.36	117,715.82	128,645.27	139,802.43	149,734.77			
1	96,084.60	107,014.06	117,943.52	128,872.97	140,030.12	149,962.77			
1/4	96,312.30	107,241.76	118,171.21	129,100.67	140,257.82	150,190.77			
1/2	96,540.00	107,469.45	118,398.91	129,328.37	140,485.52	150,418.77			
3/4	96,767.69	107,697.15	118,626.61	129,556.06	140,713.22	150,646.77			
1	96,995.39	107,924.85	118,854.30	129,783.76	140,940.91	150,874.77			
1/4	97,223.09	108,152.54	119,082.00	130,011.46	141,168.61	151,102.77			
1/2	97,450.79	108,380.24	119,309.70	130,239.15	141,396.31	151,330.77			
3/4	97,678.48	108,607.94	119,537.39	130,466.85	141,624.00	151,558.77			
1	97,906.18	108,835.64	119,765.09	130,694.55	141,851.70	151,786.77			
1/4	98,133.88	109,063.33	119,992.79	130,922.24	142,079.40	152,014.77			
1/2	98,361.57	109,291.03	120,220.49	131,149.94	142,307.09	152,242.77			
3/4	98,589.27	109,518.73	120,448.18	131,377.64	142,534.79	152,470.77			

CAPACITY IN: U. S. GALLONS

GAUGE HEIGHT: 14"-11 3/4" (TO TOP OF BALL VALVE HATCH)

STRAPPED: 3/21/92

CHAS. MARTIN CORP. ATTENTION

# BARGE "1B 1018"

INGRAM BARGE LINES

SHEET NO. OF 2  
 TANK NUMBER: **3**

COMPANY OF INSURANCE

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

JUL NO. 1588

IN.	0 FEET	1 FEET	2 FEET	3 FEET	4 FEET	5 FEET	6 FEET	7 FEET	FEET
0	2,040.30	14,043.23	26,046.16	38,049.09	50,052.01	62,054.94	74,057.87	86,060.80	CONTINUED ON
1/4	2,290.36	14,293.56	26,296.49	38,299.42	50,302.35	62,305.28	74,308.21	86,311.14	SHEET NO. 2
1/2	2,540.42	14,543.35	26,546.28	38,549.21	50,552.14	62,555.07	74,557.99	86,560.92	
3/4	2,790.48	14,793.41	26,796.34	38,799.27	50,802.20	62,805.13	74,808.06	86,810.99	
1	3,040.55	15,043.47	27,046.40	39,049.33	51,052.26	63,055.19	75,058.11	87,061.04	
1 1/4	3,290.61	15,293.53	27,296.46	39,299.39	51,302.32	63,305.25	75,308.17	87,311.10	
1 1/2	3,540.67	15,543.60	27,546.52	39,549.45	51,552.38	63,555.31	75,558.24	87,561.16	
1 3/4	3,790.73	15,793.66	27,796.58	39,799.51	51,802.44	63,805.37	75,808.30	87,811.22	
2	4,040.79	16,043.72	28,046.65	40,049.57	52,052.50	64,055.43	76,058.36	88,061.28	
2 1/4	4,290.85	16,293.78	28,296.71	40,299.63	52,302.56	64,305.49	76,308.42	88,311.35	
2 1/2	4,540.91	16,543.84	28,546.77	40,549.70	52,552.62	64,555.55	76,558.48	88,561.41	
2 3/4	4,790.97	16,793.90	28,796.83	40,799.76	52,802.68	64,805.61	76,808.54	88,811.47	
3	5,041.03	17,043.96	29,046.89	41,049.82	53,052.75	65,055.67	77,058.60	89,061.53	
3 1/4	5,291.09	17,294.02	29,296.95	41,299.88	53,302.81	65,305.73	77,308.66	89,311.59	
3 1/2	5,541.16	17,544.08	29,547.01	41,549.94	53,552.87	65,555.80	77,558.72	89,561.65	
3 3/4	5,791.22	17,794.14	29,797.07	41,800.00	53,802.93	65,805.86	77,808.78	89,811.71	
4	6,041.28	18,044.21	30,047.13	42,050.06	54,053.00	66,056.02	78,058.85	90,061.77	
4 1/4	6,291.34	18,294.27	30,297.19	42,300.12	54,303.06	66,306.08	78,308.91	90,311.83	
4 1/2	6,541.40	18,544.33	30,547.26	42,550.18	54,553.11	66,556.14	78,558.97	90,561.90	
4 3/4	6,791.46	18,794.39	30,797.32	42,800.24	54,803.17	66,806.20	78,809.03	90,811.96	
5	7,041.52	19,044.45	31,047.38	43,050.31	55,053.23	67,056.26	79,059.09	91,062.02	
5 1/4	7,291.58	19,294.51	31,297.44	43,300.37	55,303.29	67,306.32	79,309.15	91,312.08	
5 1/2	7,541.64	19,544.57	31,547.50	43,550.43	55,553.36	67,556.38	79,559.21	91,562.14	
5 3/4	7,791.70	19,794.63	31,797.56	43,800.49	55,803.42	67,806.44	79,809.27	91,812.20	
6	8,041.77	20,044.69	32,047.62	44,050.55	56,053.48	68,056.50	80,059.33	92,062.26	
6 1/4	8,291.83	20,294.75	32,297.68	44,300.61	56,303.54	68,306.56	80,309.39	92,312.32	
6 1/2	8,541.89	20,544.82	32,547.74	44,550.67	56,553.60	68,556.62	80,559.45	92,562.38	
6 3/4	8,791.95	20,794.88	32,797.80	44,800.73	56,803.66	68,806.68	80,809.51	92,812.44	
7	9,042.01	21,044.94	33,047.87	45,050.79	57,053.72	69,056.74	81,059.57	93,062.50	
7 1/4	9,292.07	21,295.00	33,297.93	45,300.85	57,303.78	69,306.80	81,309.64	93,312.56	
7 1/2	9,542.13	21,545.06	33,547.99	45,550.92	57,553.84	69,556.87	81,559.70	93,562.62	
7 3/4	9,792.19	21,795.12	33,798.05	45,800.98	57,803.90	69,806.93	81,809.76	93,812.68	
8	10,042.25	22,045.18	34,048.11	46,051.04	58,053.97	70,057.00	82,059.82	94,062.74	
8 1/4	10,292.31	22,295.24	34,298.17	46,301.10	58,304.03	70,307.06	82,309.88	94,312.80	
8 1/2	10,542.38	22,545.30	34,548.23	46,551.16	58,554.09	70,557.12	82,559.94	94,562.86	
8 3/4	10,792.44	22,795.36	34,798.29	46,801.22	58,804.15	70,807.18	82,809.99	94,812.92	
9	11,042.50	23,045.42	35,048.35	47,051.28	59,054.21	71,057.24	83,060.05	95,062.98	
9 1/4	11,292.56	23,295.48	35,298.41	47,301.34	59,304.27	71,307.30	83,310.11	95,313.04	
9 1/2	11,542.62	23,545.54	35,548.48	47,551.40	59,554.33	71,557.36	83,560.17	95,563.10	
9 3/4	11,792.68	23,795.60	35,798.54	47,801.46	59,804.39	71,807.42	83,810.23	95,813.16	
10	12,042.74	24,045.66	36,048.60	48,051.53	60,054.45	72,057.48	84,060.31	96,063.22	
10 1/4	12,292.80	24,295.72	36,298.66	48,301.59	60,304.51	72,307.54	84,310.37	96,313.28	
10 1/2	12,542.86	24,545.78	36,548.72	48,551.65	60,554.57	72,557.60	84,560.43	96,563.34	
10 3/4	12,792.92	24,795.84	36,798.78	48,801.71	60,804.63	72,807.66	84,810.49	96,813.40	
11	13,042.99	25,045.91	37,048.84	49,051.77	61,054.70	73,057.72	85,060.55	97,063.46	
11 1/4	13,293.05	25,295.97	37,298.90	49,301.83	61,304.76	73,307.78	85,310.61	97,313.52	
11 1/2	13,543.11	25,546.04	37,548.96	49,551.89	61,554.82	73,557.84	85,560.67	97,563.58	
11 3/4	13,793.17	25,796.10	37,799.02	49,801.95	61,804.88	73,807.90	85,810.73	97,813.64	

CAPACITY IN: U. S. GALLONS

\*CAPACITY BELOW STRIKE POINT.

GAUGE HEIGHT: 14'-9 1/2" (10 TOP OF BALL VALVE HATCH)

STRAPPED: 3/27/92

WE CERTIFY ALL MEASUREMENTS AND CORRECTIONS ARE IN ACCORDANCE WITH APPLICABLE A. I. STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

CHAS. MARTIN CORPORATION

# BARGE "IB 1018"

INGRAM BARGE LINES

SHEET NO. 3 OF 7  
TANK NUMBER 3

BOLL NO. 1568

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

IN.	8 FEET	9 FEET	10 FEET	11 FEET	12 FEET	13 FEET	FEET	FEET	FEET
0	98,063.73	110,066.65	122,069.58	133,953.41	145,422.76	156,495.79	0		0
1/4	98,313.79	110,316.71	122,319.64	134,195.93	145,656.24	156,724.75	1/4		1/4
1/2	98,563.85	110,566.78	122,569.70	134,438.46	145,893.71	156,953.71	1/2		1/2
3/4	98,813.91	110,816.84	122,819.76	134,680.98	146,123.21	157,182.67	3/4		3/4
1	99,063.97	111,066.90	123,069.83	134,923.91	146,356.69	157,411.63	1		1
1/2	99,314.03	111,316.96	123,319.89	135,166.03	146,590.17	157,640.59	1/2		1/2
1/4	99,564.09	111,567.02	123,569.95	135,408.56	146,823.66	157,869.55	1/4		1/4
3/4	99,814.15	111,817.08	123,820.01	135,651.08	147,057.14	158,098.51	3/4		3/4
2	100,064.21	112,067.14	124,070.07	135,893.61	147,290.62	158,327.47	2		2
1/4	100,314.27	112,317.20	124,320.13	136,136.13	147,524.11	158,556.43	1/4		1/4
1/2	100,564.34	112,567.26	124,570.19	136,378.66	147,757.59	158,772.66	1/2		1/2
3/4	100,814.40	112,817.32	124,820.25	136,621.18	147,991.02	158,988.92	3/4		3/4
3	101,064.46	113,067.39	125,070.31	136,863.71	148,224.56	159,205.16	3		3
1/4	101,314.52	113,317.45	125,320.37	137,106.23	148,458.04	159,421.40	1/4		1/4
1/2	101,564.58	113,567.51	125,568.93	137,348.74	148,688.51	159,612.20	1/2		1/2
3/4	101,814.64	113,817.57	125,817.48	137,585.25	148,918.97	159,803.00	3/4		3/4
4	102,064.70	114,067.63	126,066.03	137,824.76	149,149.44	159,993.80	4		4
1/4	102,314.76	114,317.69	126,314.58	138,064.27	149,379.91	160,184.60	1/4		1/4
1/2	102,564.82	114,567.75	126,563.13	138,303.78	149,610.38	160,349.96	1/2		1/2
3/4	102,814.88	114,817.81	126,811.69	138,543.28	149,840.85	160,515.32	3/4		3/4
5	103,064.95	115,067.87	127,060.24	138,782.79	150,071.31	160,680.68	5		5
1/4	103,315.01	115,317.93	127,308.79	139,022.30	150,302.78	160,846.04	1/4		1/4
1/2	103,565.07	115,568.00	127,557.34	139,261.81	150,532.25	160,985.96	1/2		1/2
3/4	103,815.13	115,818.06	127,805.89	139,501.32	150,762.72	161,125.88	3/4		3/4
6	104,065.19	116,068.12	128,054.45	139,740.83	150,993.19	161,265.80	6		6
1/4	104,315.25	116,318.18	128,303.00	139,980.34	151,223.65	161,405.72	1/4		1/4
1/2	104,565.31	116,568.24	128,551.55	140,219.85	151,454.12	161,520.20	1/2		1/2
3/4	104,815.37	116,818.30	128,800.10	140,459.36	151,684.59	161,634.68	3/4		3/4
7	105,065.43	117,068.36	129,048.65	140,698.87	151,915.06	161,749.16	7		7
1/4	105,315.49	117,318.42	129,297.21	140,938.37	152,145.53	161,863.64	1/4		1/4
1/2	105,565.56	117,568.48	129,542.75	141,174.87	152,374.49	161,952.68	1/2		1/2
3/4	105,815.62	117,818.54	129,788.28	141,411.37	152,603.45	162,041.72	3/4		3/4
8	106,065.68	118,068.61	130,033.82	141,647.86	152,832.41	162,130.76	8		8
1/4	106,315.74	118,318.67	130,279.36	141,884.36	153,061.37	162,219.80	1/4		1/4
1/2	106,565.80	118,568.73	130,524.90	142,120.85	153,290.33	162,283.40	1/2		1/2
3/4	106,815.86	118,818.79	130,770.44	142,357.35	153,519.29	162,347.00	3/4		3/4
9	107,065.92	119,068.85	131,015.98	142,593.85	153,748.25	162,410.60	9		9
1/4	107,315.98	119,318.91	131,261.52	142,830.34	153,977.21	162,474.20	1/4		1/4
1/2	107,566.04	119,568.97	131,507.06	143,066.84	154,206.10	162,512.56	1/2		1/2
3/4	107,816.10	119,819.03	131,752.60	143,303.33	154,435.14	162,550.52	3/4		3/4
10	108,066.17	120,069.09	131,998.14	143,539.83	154,664.10	162,588.68	10		10
1/4	108,316.23	120,319.15	132,243.67	143,776.33	154,893.06	162,626.84	1/4		1/4
1/2	108,566.29	120,569.21	132,489.21	144,012.82	155,122.02	162,659.56	1/2		1/2
3/4	108,816.35	120,819.28	132,734.75	144,249.32	155,350.98	162,692.28	3/4		3/4
11	109,066.41	121,069.34	132,980.29	144,485.81	155,579.94	162,725.00	11		11
1/4	109,316.47	121,319.40	133,225.83	144,722.31	155,808.90	162,757.72	1/4		1/4
1/2	109,566.53	121,569.46	133,468.36	144,955.79	156,037.86	162,790.44	1/2		1/2
3/4	109,816.59	121,819.52	133,710.88	145,189.28	156,266.82	162,823.16	3/4		3/4

CAPACITY IN: U. S. GALLONS

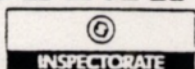
GAUGE HEIGHT: 14'-9 1/2" (TO TOP OF BALL VALVE HATCH)

STRAPPED: 3/27/92

CHAS. MARTIN CORP. A/TION

Chas. MARTIN

A  
COMPANY OF



# BARGE "IB 1018"

INGRAM BARGE LINES

CORRECTION TABLE FOR TRIM AFT.

FOR INNAGE GAUGES ONLY

TRIM	TANK NO. 1	TANK NO. 2	TANK NO. 3
0'-6"	NIL	(-) 0'-0 1/8"	(-) 0'-0 1/8"
1'-0"	(-) 0'-0 1/8"	(-) 0'-0 1/4"	(-) 0'-0 1/4"
1'-6"	(-) 0'-0 1/8"	(-) 0'-0 3/8"	(-) 0'-0 3/8"
2'-0"	(-) 0'-0 1/8"	(-) 0'-0 1/2"	(-) 0'-0 3/8"
2'-6"	(-) 0'-0 1/4"	(-) 0'-0 3/4"	(-) 0'-0 1/2"
3'-0"	(-) 0'-0 1/4"	(-) 0'-0 7/8"	(-) 0'-0 5/8"
3'-6"	(-) 0'-0 1/4"	(-) 0'-1"	(-) 0'-0 3/4"
4'-0"	(-) 0'-0 3/8"	(-) 0'-1 1/8"	(-) 0'-0 7/8"
4'-6"	(-) 0'-0 3/8"	(-) 0'-1 1/4"	(-) 0'-1"
5'-0"	(-) 0'-0 1/2"	(-) 0'-1 3/8"	(-) 0'-1 1/8"

NOTE: FOR TRIM FWD., REVERSE SIGNS.

NOTE: IF LIQUID SURFACE TOUCHES TANK BOTTOM OR DECK WHEN GAUGED, TRIM CORRECTIONS ARE NOT ACCURATE.

NOTE: FOR "OUTAGE" GAUGES, REVERSE SIGNS.

CHAS. MARTIN INSPECTION  
AND CONTROLS, INC.

DATE: 3/27/92