

BARGE "AS-113"

ARTHUR SMITH CORPORATION

AFT. TRIM CORRECTION

<u>TRIM</u>	<u>TK. NO. 1</u>	<u>TK. NO. 2</u>	<u>TK. NO. 3</u>
0'-3"	+ 0 1/4"	+ 0 1/2"	+ 0 3/8"
0'-6"	+ 0 1/2"	+ 0 7/8"	+ 0 7/8"
0'-9"	+ 0 7/8"	+ 1 3/8"	+ 1 1/4"
1'-0"	+ 1 1/4"	+ 1 7/8"	+ 1 5/8"
1'-3"	+ 1 1/2"	+ 2 3/8"	+ 2 1/8"
1'-6"	+ 1 3/4"	+ 2 3/4"	+ 2 1/2"
1'-9"	+ 2"	+ 3 1/4"	+ 3"
2'-0"	+ 2 1/4"	+ 3 3/4"	+ 3 3/8"
2'-3"	+ 2 1/2"	+ 4 1/8"	+ 3 3/4"
2'-6"	+ 2 7/8"	+ 4 5/8"	+ 4 1/4"
2'-9"	+ 3 1/8"	+ 5 1/8"	+ 4 5/8"
3'-0"	+ 3 3/8"	+ 5 5/8"	+ 5"
3'-3"	+ 3 3/4"	+ 6"	+ 5 1/2"
3'-6"	+ 4"	+ 6 1/2"	+ 5 7/8"
3'-9"	+ 4 1/4"	+ 7"	+ 6 1/4"
4'-0"	+ 4 1/2"	+ 7 1/2"	+ 6 3/4"
4'-3"	+ 4 7/8"	+ 7 7/8"	+ 7 1/8"
4'-6"	+ 5 1/8"	+ 8 3/8"	+ 7 5/8"
4'-9"	+ 5 3/8"	+ 8 7/8"	+ 8"
5'-0"	+ 5 5/8"	+ 9 1/4"	+ 8 3/8"


EXAMPLE:

DRAFT AFT. = 11'-6"  
 DRAFT FWD. = 10'-0"  
 AFT. TRIM =  $\frac{1'-6"}{1'-6"}$

INNAGE GAUGE TK. NO. 2 = 11'-4 1/2"  
 CORRECTION = + 2 3/4"  
 CORRECTED INNAGE GAUGE = 11'-7 1/4"

NOTE: CORRECTIONS ARE APPROXIMATE AND DO NOT APPLY IF LIQUID SURFACE IS TOUCHING TANK DECK OR BOTTOM WHEN GAUGED.

CHAS. MARTIN INSPECTION  
 AND CONTROLS, INC.

  
 J. E. Painton

# BARGE "IB 952"

INGRAM BARGE COMPANY

TANK NUMBER:  
1

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

ST. LOUIS SHIP HULL NO. 4264

0	FEET	1	FEET	2	FEET	3	FEET	4	FEET	5	FEET	6	FEET	7	FEET	8	FEET	9	FEET	10	FEET	11	FEET	12	FEET	13	FEET
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0	* 8.55	0	244.73	0	494.09	0	743.89	0	993.68	0	1,243.47	0	1,493.26	0	1,743.05	0	1,992.85	0	2,242.64	0	2,492.08	0	2,709.93	0	2,923.43	0	3,131.01
1/4	12.17	1/4	249.93	1/4	499.30	1/4	749.09	1/4	998.88	1/4	1,248.67	1/4	1,498.47	1/4	1,748.26	1/4	1,998.05	1/4	2,247.84	1/4	2,497.25	1/4	2,714.37	1/4	2,927.88	1/4	3,133.60
1/2	15.54	1/2	255.14	1/2	504.50	1/2	754.29	1/2	1,004.09	1/2	1,253.88	1/2	1,503.67	1/2	1,753.46	1/2	2,003.25	1/2	2,253.05	1/2	2,502.42	1/2	2,718.82	1/2	2,932.33	1/2	3,136.20
3/4	18.91	3/4	260.34	3/4	509.71	3/4	759.50	3/4	1,009.29	3/4	1,259.08	3/4	1,508.87	3/4	1,758.67	3/4	2,008.46	3/4	2,258.25	3/4	2,507.59	3/4	2,723.27	3/4	2,936.77	3/4	3,138.79
1	23.52	1	265.54	1	514.91	1	764.70	1	1,014.49	1	1,264.29	1	1,514.08	1	1,763.87	1	2,013.66	1	2,263.45	1	2,512.77	1	2,727.72	1	2,941.22	1	3,141.39
1/4	28.13	1/4	270.74	1/4	520.11	1/4	769.91	1/4	1,019.70	1/4	1,269.49	1/4	1,519.28	1/4	1,769.07	1/4	2,018.87	1/4	2,268.66	1/4	2,517.94	1/4	2,732.17	1/4	2,945.67	1/4	3,143.24
1/2	32.74	1/2	275.95	1/2	525.32	1/2	775.11	1/2	1,024.90	1/2	1,274.69	1/2	1,524.49	1/2	1,774.28	1/2	2,024.07	1/2	2,273.86	1/2	2,523.11	1/2	2,736.61	1/2	2,950.12	1/2	3,145.09
3/4	37.35	3/4	281.15	3/4	530.52	3/4	780.31	3/4	1,030.11	3/4	1,279.90	3/4	1,529.69	3/4	1,779.48	3/4	2,029.27	3/4	2,279.07	3/4	2,527.56	3/4	2,741.06	3/4	2,954.57	3/4	3,146.95
2	42.02	2	286.35	2	535.73	2	785.52	2	1,035.31	2	1,285.10	2	1,534.89	2	1,784.69	2	2,034.48	2	2,284.27	2	2,532.01	2	2,745.51	2	2,959.01	2	3,148.80
1/4	46.70	1/4	291.56	1/4	540.93	1/4	790.72	1/4	1,040.51	1/4	1,290.31	1/4	1,540.10	1/4	1,789.89	1/4	2,039.68	1/4	2,289.47	1/4	2,536.45	1/4	2,749.96	1/4	2,963.46	1/4	3,149.91
1/2	51.38	1/2	296.76	1/2	546.13	1/2	795.93	1/2	1,045.72	1/2	1,295.51	1/2	1,545.30	1/2	1,795.09	1/2	2,044.89	1/2	2,294.68	1/2	2,540.90	1/2	2,754.41	1/2	2,967.91	1/2	3,151.03
3/4	56.05	3/4	301.96	3/4	551.34	3/4	801.13	3/4	1,050.92	3/4	1,300.71	3/4	1,550.51	3/4	1,800.30	3/4	2,050.09	3/4	2,299.88	3/4	2,545.35	3/4	2,758.85	3/4	2,972.36	3/4	3,152.14
3	60.80	3	307.15	3	556.54	3	806.33	3	1,056.13	3	1,305.92	3	1,555.71	3	1,805.50	3	2,055.29	3	2,305.09	3	2,549.80	3	2,763.30	3	2,976.81	3	3,153.25
1/4	65.54	1/4	312.34	1/4	561.75	1/4	811.54	1/4	1,061.33	1/4	1,311.12	1/4	1,560.91	1/4	1,810.71	1/4	2,060.50	1/4	2,310.29	1/4	2,554.25	1/4	2,767.75	1/4	2,981.25	1/4	3,153.62
1/2	70.29	1/2	317.54	1/2	566.95	1/2	816.74	1/2	1,066.53	1/2	1,316.33	1/2	1,566.12	1/2	1,815.91	1/2	2,065.70	1/2	2,315.49	1/2	2,558.69	1/2	2,772.20	1/2	2,985.70	1/2	3,153.99
3/4	75.03	3/4	322.73	3/4	572.15	3/4	821.95	3/4	1,071.74	3/4	1,321.53	3/4	1,571.32	3/4	1,821.11	3/4	2,070.91	3/4	2,320.70	3/4	2,563.14	3/4	2,776.65	3/4	2,990.15	3/4	3,154.36
4	79.84	4	327.92	4	577.36	4	827.15	4	1,076.94	4	1,326.73	4	1,576.53	4	1,826.32	4	2,076.11	4	2,325.90	4	2,567.59	4	2,781.09	4	2,994.60	4	3,154.73
1/4	84.65	1/4	333.11	1/4	582.56	1/4	832.35	1/4	1,082.15	1/4	1,331.94	1/4	1,581.73	1/4	1,831.52	1/4	2,081.31	1/4	2,331.11	1/4	2,572.04	1/4	2,785.54	1/4	2,999.05	1/4	
1/2	89.46	1/2	338.30	1/2	587.77	1/2	837.56	1/2	1,087.35	1/2	1,337.14	1/2	1,586.93	1/2	1,836.73	1/2	2,086.52	1/2	2,336.31	1/2	2,576.49	1/2	2,789.99	1/2	3,003.49	1/2	
3/4	94.27	3/4	343.49	3/4	592.97	3/4	842.76	3/4	1,092.55	3/4	1,342.35	3/4	1,592.14	3/4	1,841.93	3/4	2,091.72	3/4	2,341.51	3/4	2,580.93	3/4	2,794.44	3/4	3,007.94	3/4	
5	99.13	5	348.68	5	598.17	5	847.97	5	1,097.76	5	1,347.55	5	1,597.34	5	1,847.13	5	2,096.93	5	2,346.72	5	2,585.38	5	2,798.89	5	3,012.39	5	
1/4	104.32	1/4	353.87	1/4	603.38	1/4	853.17	1/4	1,102.96	1/4	1,352.75	1/4	1,602.55	1/4	1,852.34	1/4	2,102.13	1/4	2,351.92	1/4	2,589.83	1/4	2,803.33	1/4	3,016.84	1/4	
1/2	109.51	1/2	359.06	1/2	608.58	1/2	858.37	1/2	1,108.17	1/2	1,357.96	1/2	1,607.75	1/2	1,857.54	1/2	2,107.33	1/2	2,357.13	1/2	2,594.28	1/2	2,807.78	1/2	3,021.29	1/2	
3/4	114.71	3/4	364.25	3/4	613.79	3/4	863.58	3/4	1,113.37	3/4	1,363.16	3/4	1,612.95	3/4	1,862.75	3/4	2,112.54	3/4	2,362.33	3/4	2,598.73	3/4	2,812.23	3/4	3,025.73	3/4	
6	119.90	6	369.45	6	618.99	6	868.78	6	1,118.57	6	1,368.37	6	1,618.16	6	1,867.95	6	2,117.74	6	2,367.53	6	2,603.17	6	2,816.68	6	3,030.18	6	
1/4	125.10	1/4	374.64	1/4	624.19	1/4	873.99	1/4	1,123.78	1/4	1,373.57	1/4	1,623.36	1/4	1,873.15	1/4	2,122.95	1/4	2,372.74	1/4	2,607.62	1/4	2,821.13	1/4	3,034.63	1/4	
1/2	130.29	1/2	379.83	1/2	629.40	1/2	879.19	1/2	1,128.98	1/2	1,378.77	1/2	1,628.57	1/2	1,878.36	1/2	2,128.15	1/2	2,377.94	1/2	2,612.07	1/2	2,825.57	1/2	3,039.08	1/2	
3/4	135.48	3/4	385.02	3/4	634.60	3/4	884.39	3/4	1,134.19	3/4	1,383.98	3/4	1,633.77	3/4	1,883.56	3/4	2,133.35	3/4	2,383.15	3/4	2,616.52	3/4	2,830.02	3/4	3,043.53	3/4	
7	140.68	7	390.21	7	639.81	7	889.60	7	1,139.39	7	1,389.18	7	1,638.97	7	1,888.77	7	2,138.56	7	2,388.35	7	2,620.97	7	2,834.47	7	3,047.97	7	
1/4	145.87	1/4	395.40	1/4	645.01	1/4	894.80	1/4	1,144.59	1/4	1,394.39	1/4	1,644.18	1/4	1,893.97	1/4	2,143.76	1/4	2,393.55	1/4	2,625.41	1/4	2,838.92	1/4	3,052.42	1/4	
1/2	151.08	1/2	400.59	1/2	650.21	1/2	900.01	1/2	1,149.80	1/2	1,399.59	1/2	1,649.38	1/2	1,899.17	1/2	2,148.97	1/2	2,398.76	1/2	2,629.86	1/2	2,843.37	1/2	3,056.87	1/2	
3/4	156.28	3/4	405.78	3/4	655.42	3/4	905.21	3/4	1,155.00	3/4	1,404.79	3/4	1,654.59	3/4	1,904.38	3/4	2,154.17	3/4	2,403.96	3/4	2,634.31	3/4	2,847.81	3/4	3,061.32	3/4	
8	161.48	8	410.97	8	660.62	8	910.41	8	1,160.21	8	1,410.00	8	1,659.79	8	1,909.58	8	2,159.37	8	2,409.17	8	2,638.76	8	2,852.26	8	3,065.77	8	
1/4	166.68	1/4	416.16	1/4	665.83	1/4	915.62	1/4	1,165.41	1/4	1,415.20	1/4	1,664.99	1/4	1,914.79	1/4	2,164.58	1/4	2,414.37	1/4	2,643.21	1/4	2,856.71	1/4	3,070.21	1/4	
1/2	171.89	1/2	421.36	1/2	671.03	1/2	920.82	1/2	1,170.61	1/2	1,420.41	1/2	1,670.20	1/2	1,919.99	1/2	2,169.78	1/2	2,419.57	1/2	2,647.65	1/2	2,861.16	1/2	3,074.66	1/2	
3/4	177.09	3/4	426.55	3/4	676.23	3/4	926.03	3/4	1,175.82	3/4	1,425.61	3/4	1,675.40	3/4	1,925.19	3/4	2,174.99	3/4	2,424.78	3/4	2,652.10	3/4	2,865.61	3/4	3,079.11	3/4	
9	182.29	9	431.74	9	681.44	9	931.23	9	1,181.02	9	1,430.81	9	1,680.61	9	1,930.40	9	2,180.19	9	2,429.98	9	2,656.55	9	2,870.05	9	3,083.56	9	
1/4	187.50	1/4	436.93	1/4	686.64	1/4	936.43	1/4	1,186.23	1/4	1,436.02	1/4	1,685.81	1/4	1,935.60	1/4	2,185.39	1/4	2,435.19	1/4	2,661.00	1/4	2,874.50	1/4	3,088.01	1/4	
1/2	192.70	1/2	442.12	1/2	691.85	1/2	941.64	1/2	1,191.43	1/2	1,441.22	1/2	1,691.01	1/2	1,940.81	1/2	2,190.60	1/2	2,440.36	1/2	2,665.45	1/2	2,878.95	1/2	3,092.45	1/2	
3/4	197.90	3/4	447.31	3/4	697.05	3/4	946.84	3/4	1,196.63	3/4	1,446.43	3/4	1,696.22	3/4	1,946.01	3/4	2,195.80	3/4	2,445.53	3/4	2,669.89	3/4	2,883.40	3/4	3,096.90	3/4	
10	203.11	10	452.50	10	702.25	10	952.05	10	1,201.84	10	1,451.63	10	1,701.42	10	1,951.21	10	2,201.01	10	2,450.70	10	2,674.34	10	2,887.85	10	3,101.35	10	
1/4	208.31	1/4	457.69	1/4	707.46	1/4	957.25	1/4	1,207.04	1/4	1,456.83	1/4	1,706.63	1/4	1,956.42	1/4											

**BARGE "IB 952"**  
INGRAM BARGE COMPANY

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

ST. LOUIS SHIP HULL NO. 4264

0	FEET	1	FEET	2	FEET	3	FEET	4	FEET	5	FEET	6	FEET	7	FEET	8	FEET	9	FEET	10	FEET	11	FEET	12	FEET	13	FEET
0	* 1.76	0	254.65	0	528.90	0	803.61	0	1,078.31	0	1,353.02	0	1,627.72	0	1,902.42	0	2,177.13	0	2,451.83	0	2,726.54	0	3,001.24	0	3,275.94	0	3,548.94
1/4	3.38	1/4	260.37	1/4	534.63	1/4	809.33	1/4	1,084.04	1/4	1,358.74	1/4	1,633.44	1/4	1,908.15	1/4	2,182.85	1/4	2,457.56	1/4	2,732.26	1/4	3,006.96	1/4	3,281.67	1/4	3,553.23
1/2	5.01	1/2	266.09	1/2	540.35	1/2	815.05	1/2	1,089.76	1/2	1,364.46	1/2	1,639.17	1/2	1,913.87	1/2	2,188.57	1/2	2,463.28	1/2	2,737.98	1/2	3,012.69	1/2	3,287.39	1/2	3,557.53
3/4	6.63	3/4	271.82	3/4	546.07	3/4	820.78	3/4	1,095.48	3/4	1,370.19	3/4	1,644.89	3/4	1,919.59	3/4	2,194.30	3/4	2,469.00	3/4	2,743.71	3/4	3,018.41	3/4	3,293.11	3/4	3,561.82
1	10.84	1	277.54	1	551.80	1	826.50	1	1,101.20	1	1,375.91	1	1,650.61	1	1,925.32	1	2,200.02	1	2,474.72	1	2,749.43	1	3,024.13	1	3,298.84	1	3,566.11
1/4	15.05	1/4	283.26	1/4	557.52	1/4	832.22	1/4	1,106.93	1/4	1,381.63	1/4	1,656.34	1/4	1,931.04	1/4	2,205.74	1/4	2,480.45	1/4	2,755.15	1/4	3,029.86	1/4	3,304.56	1/4	3,569.45
1/2	19.26	1/2	288.99	1/2	563.24	1/2	837.95	1/2	1,112.65	1/2	1,387.35	1/2	1,662.06	1/2	1,936.76	1/2	2,211.47	1/2	2,486.17	1/2	2,760.87	1/2	3,035.58	1/2	3,310.28	1/2	3,572.79
3/4	24.70	3/4	294.71	3/4	568.97	3/4	843.67	3/4	1,118.37	3/4	1,393.08	3/4	1,667.78	3/4	1,942.49	3/4	2,217.19	3/4	2,491.89	3/4	2,766.60	3/4	3,041.30	3/4	3,316.01	3/4	3,576.13
2	30.13	2	300.43	2	574.69	2	849.39	2	1,124.10	2	1,398.80	2	1,673.50	2	1,948.21	2	2,222.91	2	2,497.62	2	2,772.32	2	3,047.02	2	3,321.73	2	3,579.47
1/4	35.57	1/4	306.16	1/4	580.41	1/4	855.12	1/4	1,129.82	1/4	1,404.52	1/4	1,679.23	1/4	1,953.93	1/4	2,228.64	1/4	2,503.34	1/4	2,778.04	1/4	3,052.75	1/4	3,327.45	1/4	3,581.85
1/2	41.01	1/2	311.88	1/2	586.13	1/2	860.84	1/2	1,135.54	1/2	1,410.25	1/2	1,684.95	1/2	1,959.65	1/2	2,234.36	1/2	2,509.06	1/2	2,783.77	1/2	3,058.47	1/2	3,333.17	1/2	3,584.24
3/4	46.44	3/4	317.60	3/4	591.86	3/4	866.56	3/4	1,141.27	3/4	1,415.97	3/4	1,690.67	3/4	1,965.38	3/4	2,240.08	3/4	2,514.79	3/4	2,789.49	3/4	3,064.19	3/4	3,338.90	3/4	3,586.62
3	51.88	3	323.32	3	597.58	3	872.28	3	1,146.99	3	1,421.69	3	1,696.40	3	1,971.10	3	2,245.80	3	2,520.51	3	2,795.21	3	3,069.92	3	3,344.62	3	3,589.01
1/4	57.31	1/4	329.05	1/4	603.30	1/4	878.01	1/4	1,152.71	1/4	1,427.42	1/4	1,702.12	1/4	1,976.82	1/4	2,251.53	1/4	2,526.23	1/4	2,800.94	1/4	3,075.64	1/4	3,350.34	1/4	3,590.44
1/2	62.75	1/2	334.77	1/2	609.03	1/2	883.73	1/2	1,158.43	1/2	1,433.14	1/2	1,707.84	1/2	1,982.55	1/2	2,257.25	1/2	2,531.95	1/2	2,806.66	1/2	3,081.36	1/2	3,356.07	1/2	3,591.87
3/4	68.19	3/4	340.49	3/4	614.75	3/4	889.45	3/4	1,164.16	3/4	1,438.86	3/4	1,713.57	3/4	1,988.27	3/4	2,262.97	3/4	2,537.68	3/4	2,812.38	3/4	3,087.09	3/4	3,361.79	3/4	3,593.30
4	73.62	4	346.20	4	620.47	4	895.18	4	1,169.88	4	1,444.58	4	1,719.29	4	1,993.99	4	2,268.70	4	2,543.40	4	2,818.10	4	3,092.81	4	3,367.51	4	3,594.74
1/4	79.06	1/4	351.91	1/4	626.20	1/4	900.90	1/4	1,175.60	1/4	1,450.31	1/4	1,725.01	1/4	1,999.72	1/4	2,274.42	1/4	2,549.12	1/4	2,823.83	1/4	3,098.53	1/4	3,373.24	1/4	3,595.21
1/2	84.49	1/2	357.62	1/2	631.92	1/2	906.62	1/2	1,181.33	1/2	1,456.03	1/2	1,730.73	1/2	2,005.44	1/2	2,280.14	1/2	2,554.85	1/2	2,829.55	1/2	3,104.25	1/2	3,378.96	1/2	3,595.69
3/4	89.93	3/4	363.33	3/4	637.64	3/4	912.35	3/4	1,187.05	3/4	1,461.75	3/4	1,736.46	3/4	2,011.16	3/4	2,285.87	3/4	2,560.57	3/4	2,835.27	3/4	3,109.98	3/4	3,384.68	3/4	3,596.17
5	95.37	5	369.04	5	643.36	5	918.07	5	1,192.77	5	1,467.48	5	1,742.18	5	2,016.88	5	2,291.59	5	2,566.29	5	2,841.00	5	3,115.70	5	3,390.40	5	3,596.65
1/4	100.80	1/4	374.75	1/4	649.09	1/4	923.79	1/4	1,198.50	1/4	1,473.20	1/4	1,747.90	1/4	2,022.61	1/4	2,297.31	1/4	2,572.02	1/4	2,846.72	1/4	3,121.42	1/4	3,396.13	1/4	
1/2	106.24	1/2	380.46	1/2	654.81	1/2	929.51	1/2	1,204.22	1/2	1,478.92	1/2	1,753.63	1/2	2,028.33	1/2	2,303.03	1/2	2,577.74	1/2	2,852.44	1/2	3,127.15	1/2	3,401.85	1/2	
3/4	111.67	3/4	386.17	3/4	660.53	3/4	935.24	3/4	1,209.94	3/4	1,484.65	3/4	1,759.35	3/4	2,034.05	3/4	2,308.76	3/4	2,583.46	3/4	2,858.17	3/4	3,132.87	3/4	3,407.57	3/4	
6	117.39	6	391.87	6	666.26	6	940.96	6	1,215.66	6	1,490.37	6	1,765.07	6	2,039.78	6	2,314.48	6	2,589.18	6	2,863.89	6	3,138.59	6	3,413.30	6	
1/4	123.10	1/4	397.58	1/4	671.98	1/4	946.68	1/4	1,221.39	1/4	1,496.09	1/4	1,770.80	1/4	2,045.50	1/4	2,320.20	1/4	2,594.91	1/4	2,869.61	1/4	3,144.32	1/4	3,419.02	1/4	
1/2	128.81	1/2	403.29	1/2	677.70	1/2	952.41	1/2	1,227.11	1/2	1,501.81	1/2	1,776.52	1/2	2,051.22	1/2	2,325.93	1/2	2,600.63	1/2	2,875.33	1/2	3,150.04	1/2	3,424.74	1/2	
3/4	134.53	3/4	409.00	3/4	683.43	3/4	958.13	3/4	1,232.83	3/4	1,507.54	3/4	1,782.24	3/4	2,056.95	3/4	2,331.65	3/4	2,606.35	3/4	2,881.06	3/4	3,155.76	3/4	3,430.47	3/4	
7	140.24	7	414.71	7	689.15	7	963.85	7	1,238.56	7	1,513.26	7	1,787.96	7	2,062.67	7	2,337.37	7	2,612.08	7	2,886.78	7	3,161.48	7	3,436.19	7	
1/4	145.95	1/4	420.42	1/4	694.87	1/4	969.58	1/4	1,244.28	1/4	1,518.98	1/4	1,793.69	1/4	2,068.39	1/4	2,343.10	1/4	2,617.80	1/4	2,892.50	1/4	3,167.21	1/4	3,441.91	1/4	
1/2	151.66	1/2	426.13	1/2	700.59	1/2	975.30	1/2	1,250.00	1/2	1,524.71	1/2	1,799.41	1/2	2,074.11	1/2	2,348.82	1/2	2,623.52	1/2	2,898.23	1/2	3,172.93	1/2	3,447.63	1/2	
3/4	157.38	3/4	431.84	3/4	706.32	3/4	981.02	3/4	1,255.73	3/4	1,530.43	3/4	1,805.13	3/4	2,079.84	3/4	2,354.54	3/4	2,629.25	3/4	2,903.95	3/4	3,178.65	3/4	3,453.36	3/4	
8	163.09	8	437.55	8	712.04	8	986.74	8	1,261.45	8	1,536.15	8	1,810.86	8	2,085.56	8	2,360.26	8	2,634.97	8	2,909.67	8	3,184.38	8	3,459.08	8	
1/4	168.80	1/4	443.26	1/4	717.76	1/4	992.47	1/4	1,267.17	1/4	1,541.88	1/4	1,816.58	1/4	2,091.28	1/4	2,365.99	1/4	2,640.69	1/4	2,915.40	1/4	3,190.10	1/4	3,464.80	1/4	
1/2	174.53	1/2	448.96	1/2	723.49	1/2	998.19	1/2	1,272.89	1/2	1,547.60	1/2	1,822.30	1/2	2,097.01	1/2	2,371.71	1/2	2,646.41	1/2	2,921.12	1/2	3,195.82	1/2	3,470.53	1/2	
3/4	180.25	3/4	454.67	3/4	729.21	3/4	1,003.91	3/4	1,278.62	3/4	1,553.32	3/4	1,828.03	3/4	2,102.73	3/4	2,377.43	3/4	2,652.14	3/4	2,926.84	3/4	3,201.55	3/4	3,476.25	3/4	
9	185.97	9	460.38	9	734.93	9	1,009.64	9	1,284.34	9	1,559.04	9	1,833.75	9	2,108.45	9	2,383.16	9	2,657.86	9	2,932.56	9	3,207.27	9	3,481.97	9	
1/4	191.70	1/4	466.09	1/4	740.66	1/4	1,015.36	1/4	1,290.06	1/4	1,564.77	1/4	1,839.47	1/4	2,114.18	1/4	2,388.88	1/4	2,663.58	1/4	2,938.29	1/4	3,212.99	1/4	3,487.70	1/4	
1/2	197.42	1/2	471.80	1/2	746.38	1/2	1,021.08	1/2	1,295.79	1/2	1,570.49	1/2	1,845.19	1/2	2,119.90	1/2	2,394.60	1/2	2,669.31	1/2	2,944.01	1/2	3,218.71	1/2	3,493.42	1/2	
3/4	203.14	3/4	477.51	3/4	752.10	3/4	1,026.81	3/4	1,301.51	3/4	1,576.21	3/4	1,850.92	3/4	2,125.62	3/4	2,400.33	3/4	2,675.03	3/4	2,949.73	3/4	3,224.44	3/4	3,499.14	3/4	
10	208.86	10	483.22	10	757.82	10	1,032.53	10	1,307.23	10	1,581.94	10	1,856.64	10	2,131.34	10	2,406.05	10	2,680.75	10	2,955.46	10	3,230.16	10	3,504.86	10	
1/4	214.59	1/4	488.93	1/4	763.55	1/4	1,038.25	1/4	1,312.96	1/4	1,587.66	1/4	1,862.36	1/4	2,137.07	1/4	2,411.77	1/4	2,686.48	1/4	2,961.18	1/4	3,235.88	1/4	3,510.59	1/4	
1																											

# BARGE "IB 952"

INGRAM BARGE COMPANY

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

ST. LOUIS SHIP HULL NO. 4264

0 FEET	1 FEET	2 FEET	3 FEET	4 FEET	5 FEET	6 FEET	7 FEET	8 FEET	9 FEET	10 FEET	11 FEET	12 FEET	13 FEET
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.
0 SUMP.13	0 229.28	0 481.68	0 734.88	0 987.89	0 1,240.90	0 1,493.91	0 1,746.92	0 1,999.92	0 2,252.93	0 2,505.94	0 2,758.95	0 3,011.96	0 3,263.78
1/4 1.63	1/4 234.55	1/4 487.15	1/4 740.15	1/4 993.16	1/4 1,246.17	1/4 1,499.18	1/4 1,752.19	1/4 2,005.19	1/4 2,258.20	1/4 2,511.21	1/4 2,764.22	1/4 3,017.23	1/4 3,268.66
1/2 3.13	1/2 239.83	1/2 492.42	1/2 745.43	1/2 998.43	1/2 1,251.44	1/2 1,504.45	1/2 1,757.46	1/2 2,010.47	1/2 2,263.47	1/2 2,516.48	1/2 2,769.49	1/2 3,022.50	1/2 3,272.62
3/4 4.62	3/4 245.10	3/4 497.69	3/4 750.70	3/4 1,003.70	3/4 1,256.71	3/4 1,509.72	3/4 1,762.73	3/4 2,015.74	3/4 2,268.74	3/4 2,521.75	3/4 2,774.76	3/4 3,027.77	3/4 3,276.57
1 6.12	1 250.37	1 502.96	1 755.97	1 1,008.98	1 1,261.98	1 1,514.99	1 1,768.00	1 2,021.01	1 2,274.02	1 2,527.02	1 2,780.03	1 3,033.04	1 3,280.52
1/4 10.00	1/4 255.64	1/4 508.23	1/4 761.24	1/4 1,014.25	1/4 1,267.25	1/4 1,520.26	1/4 1,773.27	1/4 2,026.28	1/4 2,279.29	1/4 2,532.29	1/4 2,785.30	1/4 3,038.31	1/4 3,284.48
1/2 13.87	1/2 260.91	1/2 513.50	1/2 766.51	1/2 1,019.52	1/2 1,272.53	1/2 1,525.53	1/2 1,778.54	1/2 2,031.55	1/2 2,284.56	1/2 2,537.57	1/2 2,790.57	1/2 3,043.58	1/2 3,287.55
3/4 17.75	3/4 266.18	3/4 518.77	3/4 771.78	3/4 1,024.79	3/4 1,277.80	3/4 1,530.80	3/4 1,783.81	3/4 2,036.82	3/4 2,289.83	3/4 2,542.84	3/4 2,795.84	3/4 3,048.85	3/4 3,290.63
2 22.76	2 271.45	2 524.04	2 777.05	2 1,030.06	2 1,283.07	2 1,536.08	2 1,789.08	2 2,042.09	2 2,295.10	2 2,548.11	2 2,801.12	2 3,054.12	2 3,293.70
1/4 27.76	1/4 276.72	1/4 529.31	1/4 782.32	1/4 1,035.33	1/4 1,288.34	1/4 1,541.35	1/4 1,794.35	1/4 2,047.36	1/4 2,300.37	1/4 2,553.38	1/4 2,806.39	1/4 3,059.39	1/4 3,296.78
1/2 32.77	1/2 281.99	1/2 534.59	1/2 787.59	1/2 1,040.60	1/2 1,293.61	1/2 1,546.62	1/2 1,799.63	1/2 2,052.63	1/2 2,305.64	1/2 2,558.65	1/2 2,811.66	1/2 3,064.67	1/2 3,298.98
3/4 37.78	3/4 287.26	3/4 539.86	3/4 792.86	3/4 1,045.87	3/4 1,298.88	3/4 1,551.89	3/4 1,804.90	3/4 2,057.90	3/4 2,310.91	3/4 2,563.92	3/4 2,816.93	3/4 3,069.94	3/4 3,301.17
3 42.79	3 292.54	3 545.13	3 798.14	3 1,051.14	3 1,304.15	3 1,557.16	3 1,810.17	3 2,063.18	3 2,316.18	3 2,569.19	3 2,822.20	3 3,075.21	3 3,303.37
1/4 47.79	1/4 297.81	1/4 550.40	1/4 803.41	1/4 1,056.41	1/4 1,309.42	1/4 1,562.43	1/4 1,815.44	1/4 2,068.45	1/4 2,321.45	1/4 2,574.46	1/4 2,827.47	1/4 3,080.48	1/4 3,305.57
1/2 52.80	1/2 303.08	1/2 555.67	1/2 808.68	1/2 1,061.69	1/2 1,314.69	1/2 1,567.70	1/2 1,820.71	1/2 2,073.72	1/2 2,326.73	1/2 2,579.73	1/2 2,832.74	1/2 3,085.75	1/2 3,306.89
3/4 57.81	3/4 308.35	3/4 560.94	3/4 813.95	3/4 1,066.96	3/4 1,319.96	3/4 1,572.97	3/4 1,825.98	3/4 2,078.99	3/4 2,332.00	3/4 2,585.00	3/4 2,838.01	3/4 3,091.02	3/4 3,308.20
4 62.81	4 313.62	4 566.21	4 819.22	4 1,072.23	4 1,325.24	4 1,578.24	4 1,831.25	4 2,084.26	4 2,337.27	4 2,590.28	4 2,843.28	4 3,096.29	4 3,309.52
1/4 67.82	1/4 318.88	1/4 571.48	1/4 824.49	1/4 1,077.50	1/4 1,330.51	1/4 1,583.51	1/4 1,836.52	1/4 2,089.53	1/4 2,342.54	1/4 2,595.55	1/4 2,848.55	1/4 3,101.56	1/4 3,310.84
1/2 72.83	1/2 324.14	1/2 576.75	1/2 829.76	1/2 1,082.77	1/2 1,335.78	1/2 1,588.79	1/2 1,841.79	1/2 2,094.80	1/2 2,347.81	1/2 2,600.82	1/2 2,853.83	1/2 3,106.83	1/2 3,311.28
3/4 77.83	3/4 329.39	3/4 582.02	3/4 835.03	3/4 1,088.04	3/4 1,341.05	3/4 1,594.06	3/4 1,847.06	3/4 2,100.07	3/4 2,353.08	3/4 2,606.09	3/4 2,859.10	3/4 3,112.10	3/4 3,311.72
5 82.84	5 334.65	5 587.30	5 840.30	5 1,093.31	5 1,346.32	5 1,599.33	5 1,852.34	5 2,105.34	5 2,358.35	5 2,611.36	5 2,864.37	5 3,117.38	5 3,312.16
1/4 87.85	1/4 339.91	1/4 592.57	1/4 845.57	1/4 1,098.58	1/4 1,351.59	1/4 1,604.60	1/4 1,857.61	1/4 2,110.61	1/4 2,363.62	1/4 2,616.63	1/4 2,869.64	1/4 3,122.65	1/4 3,312.60
1/2 92.86	1/2 345.17	1/2 597.84	1/2 850.85	1/2 1,103.85	1/2 1,356.86	1/2 1,609.87	1/2 1,862.88	1/2 2,115.89	1/2 2,368.89	1/2 2,621.90	1/2 2,874.91	1/2 3,127.92	1/2 3,312.60
3/4 97.86	3/4 350.43	3/4 603.11	3/4 856.12	3/4 1,109.12	3/4 1,362.13	3/4 1,615.14	3/4 1,868.15	3/4 2,121.16	3/4 2,374.16	3/4 2,627.17	3/4 2,880.18	3/4 3,133.19	3/4 3,312.60
6 102.87	6 355.68	6 608.38	6 861.39	6 1,114.40	6 1,367.40	6 1,620.41	6 1,873.42	6 2,126.43	6 2,379.44	6 2,632.44	6 2,885.45	6 3,138.46	6 3,312.60
1/4 108.13	1/4 360.94	1/4 613.65	1/4 866.66	1/4 1,119.67	1/4 1,372.67	1/4 1,625.68	1/4 1,878.69	1/4 2,131.70	1/4 2,384.71	1/4 2,637.71	1/4 2,890.72	1/4 3,143.73	1/4 3,312.60
1/2 113.39	1/2 366.20	1/2 618.92	1/2 871.93	1/2 1,124.94	1/2 1,377.95	1/2 1,630.95	1/2 1,883.96	1/2 2,136.97	1/2 2,389.98	1/2 2,642.99	1/2 2,895.99	1/2 3,149.00	1/2 3,312.60
3/4 118.66	3/4 371.46	3/4 624.19	3/4 877.20	3/4 1,130.21	3/4 1,383.22	3/4 1,636.22	3/4 1,889.23	3/4 2,142.24	3/4 2,395.25	3/4 2,648.26	3/4 2,901.26	3/4 3,154.27	3/4 3,312.60
7 123.92	7 376.72	7 629.46	7 882.47	7 1,135.48	7 1,388.49	7 1,641.50	7 1,894.50	7 2,147.51	7 2,400.52	7 2,653.53	7 2,906.54	7 3,159.54	7 3,312.60
1/4 129.18	1/4 381.97	1/4 634.73	1/4 887.74	1/4 1,140.75	1/4 1,393.76	1/4 1,646.77	1/4 1,899.77	1/4 2,152.78	1/4 2,405.79	1/4 2,658.80	1/4 2,911.81	1/4 3,164.81	1/4 3,312.60
1/2 134.44	1/2 387.23	1/2 640.01	1/2 893.01	1/2 1,146.02	1/2 1,399.03	1/2 1,652.04	1/2 1,905.05	1/2 2,158.05	1/2 2,411.06	1/2 2,664.07	1/2 2,917.08	1/2 3,170.09	1/2 3,312.60
3/4 139.70	3/4 392.49	3/4 645.28	3/4 898.28	3/4 1,151.29	3/4 1,404.30	3/4 1,657.31	3/4 1,910.32	3/4 2,163.32	3/4 2,416.33	3/4 2,669.34	3/4 2,922.35	3/4 3,175.36	3/4 3,312.60
8 144.97	8 397.75	8 650.55	8 903.56	8 1,156.56	8 1,409.57	8 1,662.58	8 1,915.59	8 2,168.60	8 2,421.60	8 2,674.61	8 2,927.62	8 3,180.63	8 3,312.60
1/4 150.23	1/4 403.01	1/4 655.82	1/4 908.83	1/4 1,161.83	1/4 1,414.84	1/4 1,667.85	1/4 1,920.86	1/4 2,173.87	1/4 2,426.87	1/4 2,679.88	1/4 2,932.89	1/4 3,185.90	1/4 3,312.60
1/2 155.49	1/2 408.26	1/2 661.09	1/2 914.10	1/2 1,167.11	1/2 1,420.11	1/2 1,673.12	1/2 1,926.13	1/2 2,179.14	1/2 2,432.15	1/2 2,685.15	1/2 2,938.16	1/2 3,191.17	1/2 3,312.60
3/4 160.76	3/4 413.52	3/4 666.36	3/4 919.37	3/4 1,172.38	3/4 1,425.38	3/4 1,678.39	3/4 1,931.40	3/4 2,184.41	3/4 2,437.42	3/4 2,690.42	3/4 2,943.43	3/4 3,196.44	3/4 3,312.60
9 166.03	9 418.78	9 671.63	9 924.64	9 1,177.65	9 1,430.66	9 1,683.66	9 1,936.67	9 2,189.68	9 2,442.69	9 2,695.70	9 2,948.70	9 3,201.71	9 3,312.60
1/4 171.30	1/4 424.04	1/4 676.90	1/4 929.91	1/4 1,182.92	1/4 1,435.93	1/4 1,688.93	1/4 1,941.94	1/4 2,194.95	1/4 2,447.96	1/4 2,700.97	1/4 2,953.97	1/4 3,206.98	1/4 3,312.60
1/2 176.57	1/2 429.30	1/2 682.17	1/2 935.18	1/2 1,188.19	1/2 1,441.20	1/2 1,694.21	1/2 1,947.21	1/2 2,200.22	1/2 2,453.23	1/2 2,706.24	1/2 2,959.25	1/2 3,212.25	1/2 3,312.60
3/4 181.84	3/4 434.55	3/4 687.44	3/4 940.45	3/4 1,193.46	3/4 1,446.47	3/4 1,699.48	3/4 1,952.48	3/4 2,205.49	3/4 2,458.50	3/4 2,711.51	3/4 2,964.52	3/4 3,217.52	3/4 3,312.60
10 187.12	10 439.81	10 692.72	10 945.72	10 1,198.73	10 1,451.74	10 1,704.75	10 1,957.76	10 2,210.76	10 2,463.77	10 2,716.78	10 2,969.79	10 3,222.80	10 3,312.60
1/4 192.39	1/4 445.07	1/4 697.99	1/4 950.99	1/4 1,204.00	1/4 1,457.01	1/4 1,710.02	1/4 1,963.03	1/4 2,216.03	1/4 2,469.04	1/4 2,722.05	1/4 2,975.06	1/4 3,228.07	1/4 3,312.60
1/2 197.66	1/2 450.33	1/2 703.26	1/2 956.27	1/2 1,209.27	1/2 1,462.28	1/2 1,715.29	1/2 1,968.30	1/2 2,221.31	1/2 2,474.31	1/2 2,727.32	1/2 2,980.33	1/2 3,233.34	1/2 3,312.60
3/4 202.93	3/4 455.59	3/4 708.53	3/4 961.54	3/4 1,214.54	3/4 1,467.55	3/4 1,720.56	3/4 1,973.57	3/4 2,226.58	3/4 2,479.58	3/4 2,732.59	3/4 2,985.60	3/4 3,238.61	3/4 3,312.60
11 208.20	11 460.84	11 713.80	11 966.81	11 1,219.82	11 1,472.82	11 1,725.83	11 1,978.84	11 2,231.85	11 2,484.86	11 2,737.86	11 2,990.87	11 3,243.88	11 3,312.60
1/4 213.47	1/4 466.10	1/4 719.07	1/4 972.08	1/4 1,225.09	1/4 1,478.09	1/4 1,731.10	1/4 1,984.11	1/4 2,237.12	1/4 2,490.13	1/4 2,743.13	1/4 2,996.14	1/4 3,249.15	1/4 3,312.60
1/2 218.74	1/2 471.36	1/2 724.34	1/2 977.35	1/2 1,230.36	1/2 1,483.37	1/2 1,736.37	1/2 1,989.38	1/2 2,242.39	1/2 2,495.40	1/2 2,748.41	1/2 3,001.41	1/2 3,254.03	1/2 3,312.60
3/4 224.01	3/4 476.62	3/4 729.61	3/4 982.62	3/4 1,235.63	3/4 1,488.64	3/4 1,741.64	3/4 1,994.65	3/4 2,247.66	3/4 2,500.67	3/4 2,753.68	3/4 3,006.68	3/4 3,258.91	3/4 3,312.60

CAPACITY IN: 42-GALLON BARRELS