



**BARGE "GRIFCO 3005"  
GRIFCO TRANSPORTATION COMPANY**

TANK NO.

**1 PORT OR STAR**

OUTAGE TABLE

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

HULL NO. 2141-2

N	1 FT.	N	2 FT.	N	3 FT.	N	4 FT.	N	5 FT.	N	6 FT.	N	7 FT.	N	8 FT.	N	9 FT.	N	10 FT.	N	11 FT.	N	12 FT.	N	13 FT.	N	14 FT.	N	15 FT.	N	16 FT.	N	17 FT.
0		0	3,897.69	0	3,714.67	0	3,447.74	0	3,180.81	0	2,913.88	0	2,646.96	0	2,380.03	0	2,113.10	0	1,846.17	0	1,579.24	0	1,312.32	0	1,045.36	0	778.33	0	511.17	0	243.52	0	10.45
1/4		1/4	3,897.38	1/4	3,709.11	1/4	3,442.18	1/4	3,175.25	1/4	2,908.32	1/4	2,641.40	1/4	2,374.47	1/4	2,107.54	1/4	1,840.61	1/4	1,573.68	1/4	1,306.76	1/4	1,039.80	1/4	772.77	1/4	505.59	1/4	237.94	1/4	8.30
1/2		1/2	3,896.46	1/2	3,703.55	1/2	3,436.62	1/2	3,169.69	1/2	2,902.76	1/2	2,635.83	1/2	2,368.91	1/2	2,101.98	1/2	1,835.05	1/2	1,568.12	1/2	1,301.19	1/2	1,034.23	1/2	767.21	1/2	500.02	1/2	232.54	1/2	6.90
3/4		3/4	3,895.53	3/4	3,697.99	3/4	3,431.06	3/4	3,164.13	3/4	2,897.20	3/4	2,630.27	3/4	2,363.35	3/4	2,096.42	3/4	1,829.49	3/4	1,562.56	3/4	1,295.63	3/4	1,028.67	3/4	761.65	3/4	494.44	3/4	227.14	3/4	5.51
1		1	3,894.60	1	3,692.43	1	3,425.50	1	3,158.57	1	2,891.64	1	2,624.71	1	2,357.78	1	2,090.86	1	1,823.93	1	1,557.00	1	1,290.07	1	1,023.11	1	756.08	1	488.86	1	221.73	1	4.11
1/4		1/4	3,893.67	1/4	3,686.86	1/4	3,419.94	1/4	3,153.01	1/4	2,886.08	1/4	2,619.15	1/4	2,352.22	1/4	2,085.30	1/4	1,818.37	1/4	1,551.44	1/4	1,284.51	1/4	1,017.54	1/4	750.52	1/4	483.29	1/4	216.33	1/4	2.72
1/2		1/2	3,892.12	1/2	3,681.30	1/2	3,414.37	1/2	3,147.45	1/2	2,880.52	1/2	2,613.59	1/2	2,346.66	1/2	2,079.73	1/2	1,812.81	1/2	1,545.88	1/2	1,278.95	1/2	1,011.98	1/2	744.96	1/2	477.71	1/2	210.92	1/2	2.25
3/4		3/4	3,890.57	3/4	3,675.74	3/4	3,408.81	3/4	3,141.89	3/4	2,874.96	3/4	2,608.03	3/4	2,341.10	3/4	2,074.17	3/4	1,807.25	3/4	1,540.32	3/4	1,273.39	3/4	1,006.42	3/4	739.39	3/4	472.14	3/4	205.52	3/4	1.79
2		2	3,889.02	2	3,670.18	2	3,403.25	2	3,136.32	2	2,869.40	2	2,602.47	2	2,335.54	2	2,068.61	2	1,801.68	2	1,534.76	2	1,267.83	2	1,000.85	2	733.83	2	466.56	2	200.12	2	1.32
1/4		1/4	3,887.47	1/4	3,664.62	1/4	3,397.69	1/4	3,130.76	1/4	2,863.84	1/4	2,596.91	1/4	2,329.98	1/4	2,063.05	1/4	1,796.12	1/4	1,529.20	1/4	1,262.27	1/4	995.29	1/4	728.27	1/4	460.98	1/4	194.71	1/4	0.86
1/2		1/2	3,885.30	1/2	3,659.06	1/2	3,392.13	1/2	3,125.20	1/2	2,858.27	1/2	2,591.35	1/2	2,324.42	1/2	2,057.49	1/2	1,790.56	1/2	1,523.63	1/2	1,256.71	1/2	989.73	1/2	722.70	1/2	455.41	1/2	189.31	1/2	0.82
3/4		3/4	3,883.13	3/4	3,653.50	3/4	3,386.57	3/4	3,119.64	3/4	2,852.71	3/4	2,585.79	3/4	2,318.86	3/4	2,051.93	3/4	1,785.00	3/4	1,518.07	3/4	1,251.15	3/4	984.17	3/4	717.14	3/4	449.83	3/4	183.90	3/4	0.77
3		3	3,880.97	3	3,647.94	3	3,381.01	3	3,114.08	3	2,847.15	3	2,580.22	3	2,313.30	3	2,046.37	3	1,779.44	3	1,512.51	3	1,245.58	3	978.60	3	711.58	3	444.26	3	178.50	3	0.73
1/4		1/4	3,878.80	1/4	3,643.38	1/4	3,375.45	1/4	3,108.52	1/4	2,841.59	1/4	2,574.66	1/4	2,307.74	1/4	2,040.81	1/4	1,773.88	1/4	1,506.95	1/4	1,240.02	1/4	973.04	1/4	706.02	1/4	438.68	1/4	173.10	1/4	0.69
1/2		1/2	3,876.01	1/2	3,636.82	1/2	3,369.89	1/2	3,102.96	1/2	2,835.03	1/2	2,568.10	1/2	2,301.17	1/2	2,034.25	1/2	1,767.32	1/2	1,500.39	1/2	1,234.46	1/2	967.48	1/2	700.45	1/2	433.10	1/2	167.69	1/2	0.64
3/4		3/4	3,873.22	3/4	3,631.25	3/4	3,364.33	3/4	3,097.40	3/4	2,830.47	3/4	2,563.54	3/4	2,296.61	3/4	2,029.69	3/4	1,762.76	3/4	1,495.83	3/4	1,228.90	3/4	961.91	3/4	694.89	3/4	427.53	3/4	162.29	3/4	0.60
4		4	3,870.43	4	3,625.69	4	3,358.76	4	3,091.84	4	2,824.91	4	2,557.98	4	2,291.05	4	2,024.12	4	1,757.20	4	1,490.27	4	1,223.34	4	956.35	4	689.33	4	421.95	4	156.88	4	0.56
1/4		1/4	3,867.64	1/4	3,620.13	1/4	3,353.20	1/4	3,086.28	1/4	2,819.35	1/4	2,552.42	1/4	2,285.49	1/4	2,018.56	1/4	1,751.64	1/4	1,484.71	1/4	1,217.78	1/4	950.79	1/4	683.76	1/4	416.38	1/4	151.48	1/4	0.52
1/2		1/2	3,864.19	1/2	3,614.57	1/2	3,347.64	1/2	3,080.71	1/2	2,813.79	1/2	2,546.86	1/2	2,279.93	1/2	2,013.00	1/2	1,746.07	1/2	1,479.15	1/2	1,212.22	1/2	945.22	1/2	678.20	1/2	410.80	1/2	146.08	1/2	0.47
3/4		3/4	3,860.74	3/4	3,609.01	3/4	3,342.08	3/4	3,075.15	3/4	2,808.23	3/4	2,541.30	3/4	2,274.37	3/4	2,007.44	3/4	1,740.51	3/4	1,473.59	3/4	1,206.66	3/4	939.66	3/4	672.64	3/4	405.22	3/4	140.67	3/4	0.43
5		5	3,857.30	5	3,603.45	5	3,336.52	5	3,069.59	5	2,802.66	5	2,535.74	5	2,268.81	5	2,001.88	5	1,734.95	5	1,468.02	5	1,201.10	5	934.10	5	667.07	5	399.65	5	135.27	5	0.39
1/4		1/4	3,853.85	1/4	3,597.89	1/4	3,330.96	1/4	3,064.03	1/4	2,797.10	1/4	2,530.18	1/4	2,263.25	1/4	1,996.32	1/4	1,729.39	1/4	1,462.46	1/4	1,195.54	1/4	928.54	1/4	661.51	1/4	394.07	1/4	128.86	1/4	0.34
1/2		1/2	3,849.82	1/2	3,592.33	1/2	3,325.40	1/2	3,058.47	1/2	2,791.54	1/2	2,524.61	1/2	2,257.69	1/2	1,990.76	1/2	1,723.83	1/2	1,456.90	1/2	1,189.97	1/2	922.97	1/2	655.95	1/2	388.50	1/2	124.46	1/2	0.30
3/4		3/4	3,845.79	3/4	3,586.77	3/4	3,319.84	3/4	3,052.91	3/4	2,785.98	3/4	2,519.05	3/4	2,252.13	3/4	1,985.20	3/4	1,718.27	3/4	1,451.34	3/4	1,184.41	3/4	917.41	3/4	650.39	3/4	382.92	3/4	119.06	3/4	0.26
6		6	3,841.77	6	3,581.20	6	3,314.28	6	3,047.35	6	2,780.42	6	2,513.49	6	2,246.56	6	1,979.64	6	1,712.71	6	1,445.78	6	1,178.85	6	911.85	6	644.82	6	377.34	6	113.65	6	0.21
1/4		1/4	3,837.74	1/4	3,575.64	1/4	3,308.72	1/4	3,041.79	1/4	2,774.86	1/4	2,507.93	1/4	2,241.00	1/4	1,974.08	1/4	1,707.15	1/4	1,440.22	1/4	1,173.29	1/4	906.28	1/4	639.26	1/4	371.77	1/4	108.25	1/4	0.17
1/2		1/2	3,833.09	1/2	3,570.08	1/2	3,303.15	1/2	3,036.23	1/2	2,769.30	1/2	2,502.37	1/2	2,235.44	1/2	1,968.51	1/2	1,701.59	1/2	1,434.66	1/2	1,167.73	1/2	900.72	1/2	633.70	1/2	366.19	1/2	102.84	1/2	0.13
3/4		3/4	3,828.45	3/4	3,564.52	3/4	3,297.59	3/4	3,030.67	3/4	2,763.74	3/4	2,496.81	3/4	2,229.88	3/4	1,962.95	3/4	1,696.03	3/4	1,429.10	3/4	1,162.17	3/4	895.16	3/4	628.13	3/4	360.62	3/4	97.44	3/4	0.09
7		7	3,823.80	7	3,558.96	7	3,292.03	7	3,025.10	7	2,758.17	7	2,491.25	7	2,224.32	7	1,957.39	7	1,690.46	7	1,423.54	7	1,156.61	7	889.59	7	622.57	7	355.04	7	92.84	7	0.04
1/4		1/4	3,819.15	1/4	3,553.40	1/4	3,286.47	1/4	3,019.54	1/4	2,752.62	1/4	2,485.69	1/4	2,218.76	1/4	1,951.83	1/4	1,684.90	1/4	1,417.98	1/4	1,151.05	1/4	884.03	1/4	617.01	1/4	349.46	1/4	86.63	1/4	0.00
1/2		1/2	3,813.89	1/2	3,547.84	1/2	3,280.91	1/2	3,013.98	1/2	2,747.05	1/2	2,480.13	1/2	2,213.20	1/2	1,946.27	1/2	1,679.34	1/2	1,412.41	1/2	1,145.49	1/2	878.47	1/2	611.44	1/2	343.89	1/2	81.23	1/2	
3/4		3/4	3,808.62	3/4	3,542.28	3/4	3,275.35	3/4	3,008.42	3/4	2,741.49	3/4	2,474.57	3/4	2,207.64	3/4	1,940.71	3/4	1,673.78	3/4	1,406.85	3/4	1,139.										



**BARGE "GRIFCO 3005"**  
**GRIFCO TRANSPORTATION COMPANY**  
**OUTAGE TABLE**

**TANK NO.**  
**2 PORT**

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

HULL NO. 2141-2

1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.	
0	0	4,126.84	0	3,927.76	0	3,644.85	0	3,361.84	0	3,079.03	0	2,796.12	0	2,513.20	0	2,230.29	0	1,947.38	0	1,664.47	0	1,381.56	0	1,098.88	0	816.69	0	534.32	0	251.41	0	8.72	
1/4	1/4	4,125.86	1/4	3,921.87	1/4	3,638.96	1/4	3,356.05	1/4	3,073.13	1/4	2,790.22	1/4	2,507.31	1/4	2,224.40	1/4	1,941.49	1/4	1,658.57	1/4	1,375.66	1/4	1,093.01	1/4	810.81	1/4	528.43	1/4	245.70	1/4	7.24	
1/2	1/2	4,124.88	1/2	3,915.98	1/2	3,633.06	1/2	3,350.15	1/2	3,067.24	1/2	2,784.33	1/2	2,501.42	1/2	2,218.50	1/2	1,935.59	1/2	1,652.68	1/2	1,369.77	1/2	1,087.13	1/2	804.93	1/2	522.53	1/2	239.99	1/2	5.77	
3/4	3/4	4,123.90	3/4	3,910.88	3/4	3,627.17	3/4	3,344.26	3/4	3,061.35	3/4	2,778.43	3/4	2,495.52	3/4	2,212.61	3/4	1,929.70	3/4	1,646.79	3/4	1,363.87	3/4	1,081.25	3/4	799.06	3/4	516.64	3/4	234.28	3/4	4.30	
1	1	4,122.92	1	3,904.19	1	3,621.28	1	3,338.36	1	3,055.45	1	2,772.54	1	2,489.63	1	2,206.72	1	1,923.80	1	1,640.89	1	1,357.98	1	1,075.37	1	793.18	1	510.74	1	228.56	1	2.82	
1/4	1/4	4,121.28	1/4	3,898.29	1/4	3,615.38	1/4	3,332.47	1/4	3,049.56	1/4	2,766.65	1/4	2,483.73	1/4	2,200.82	1/4	1,917.91	1/4	1,635.00	1/4	1,352.09	1/4	1,069.49	1/4	787.30	1/4	504.85	1/4	222.85	1/4	2.33	
1/2	1/2	4,118.64	1/2	3,892.40	1/2	3,609.49	1/2	3,326.58	1/2	3,043.66	1/2	2,760.75	1/2	2,477.84	1/2	2,194.93	1/2	1,912.02	1/2	1,629.10	1/2	1,346.19	1/2	1,063.61	1/2	781.42	1/2	498.96	1/2	217.14	1/2	1.84	
3/4	3/4	4,118.01	3/4	3,886.51	3/4	3,603.59	3/4	3,320.68	3/4	3,037.77	3/4	2,754.86	3/4	2,471.95	3/4	2,189.03	3/4	1,906.12	3/4	1,623.21	3/4	1,340.30	3/4	1,057.73	3/4	775.54	3/4	493.06	3/4	211.43	3/4	1.35	
2	2	4,116.37	2	3,880.61	2	3,597.70	2	3,314.79	2	3,031.88	2	2,748.96	2	2,466.05	2	2,183.14	2	1,900.23	2	1,617.32	2	1,334.40	2	1,051.85	2	769.66	2	487.17	2	205.72	2	0.86	
1/4	1/4	4,114.08	1/4	3,874.72	1/4	3,591.81	1/4	3,308.89	1/4	3,025.98	1/4	2,743.07	1/4	2,460.16	1/4	2,177.25	1/4	1,894.33	1/4	1,611.42	1/4	1,328.51	1/4	1,045.97	1/4	763.78	1/4	481.27	1/4	200.01	1/4	0.82	
1/2	1/2	4,111.78	1/2	3,868.82	1/2	3,585.91	1/2	3,303.00	1/2	3,020.09	1/2	2,737.18	1/2	2,454.26	1/2	2,171.35	1/2	1,888.44	1/2	1,605.53	1/2	1,322.62	1/2	1,040.09	1/2	757.90	1/2	475.38	1/2	194.30	1/2	0.77	
3/4	3/4	4,109.49	3/4	3,862.93	3/4	3,580.02	3/4	3,297.11	3/4	3,014.19	3/4	2,731.28	3/4	2,448.37	3/4	2,165.46	3/4	1,882.55	3/4	1,599.63	3/4	1,316.72	3/4	1,034.22	3/4	752.02	3/4	469.49	3/4	188.59	3/4	0.73	
3	3	4,107.20	3	3,857.04	3	3,574.12	3	3,291.21	3	3,008.30	3	2,725.39	3	2,442.48	3	2,159.56	3	1,876.65	3	1,593.74	3	1,310.83	3	1,028.34	3	746.14	3	463.59	3	182.88	3	0.69	
1/4	1/4	4,104.25	1/4	3,851.14	1/4	3,568.23	1/4	3,285.32	1/4	3,002.41	1/4	2,719.49	1/4	2,436.58	1/4	2,153.67	1/4	1,870.76	1/4	1,587.85	1/4	1,304.93	1/4	1,022.46	1/4	740.27	1/4	457.70	1/4	177.17	1/4	0.65	
1/2	1/2	4,101.31	1/2	3,845.25	1/2	3,562.34	1/2	3,278.42	1/2	2,996.51	1/2	2,713.60	1/2	2,430.69	1/2	2,147.78	1/2	1,864.86	1/2	1,581.95	1/2	1,299.04	1/2	1,016.58	1/2	734.39	1/2	451.80	1/2	174.45	1/2	0.60	
3/4	3/4	4,098.36	3/4	3,839.35	3/4	3,556.44	3/4	3,273.53	3/4	2,990.62	3/4	2,707.71	3/4	2,424.79	3/4	2,141.88	3/4	1,858.97	3/4	1,576.06	3/4	1,293.15	3/4	1,010.70	3/4	728.51	3/4	445.91	3/4	165.74	3/4	0.56	
4	4	4,095.41	4	3,833.46	4	3,550.55	4	3,267.64	4	2,984.72	4	2,701.81	4	2,418.90	4	2,135.99	4	1,853.08	4	1,570.16	4	1,287.25	4	1,004.82	4	722.63	4	440.02	4	160.03	4	0.52	
1/4	1/4	4,091.81	1/4	3,827.57	1/4	3,544.65	1/4	3,261.74	1/4	2,978.83	1/4	2,695.92	1/4	2,413.01	1/4	2,130.09	1/4	1,847.18	1/4	1,564.27	1/4	1,281.36	1/4	1,000.44	1/4	716.75	1/4	434.12	1/4	154.32	1/4	0.47	
1/2	1/2	4,088.21	1/2	3,821.67	1/2	3,538.76	1/2	3,255.85	1/2	2,972.94	1/2	2,690.02	1/2	2,407.11	1/2	2,124.20	1/2	1,841.29	1/2	1,561.95	1/2	1,275.46	1/2	993.06	1/2	710.87	1/2	428.23	1/2	148.61	1/2	0.43	
3/4	3/4	4,084.61	3/4	3,815.78	3/4	3,532.87	3/4	3,249.95	3/4	2,967.04	3/4	2,684.13	3/4	2,401.22	3/4	2,118.31	3/4	1,835.39	3/4	1,552.48	3/4	1,269.57	3/4	987.18	3/4	704.99	3/4	422.33	3/4	142.90	3/4	0.39	
5	5	4,081.00	5	3,809.88	5	3,526.97	5	3,244.06	5	2,961.15	5	2,678.24	5	2,395.32	5	2,112.41	5	1,829.50	5	1,546.59	5	1,263.68	5	981.30	5	699.11	5	416.44	5	137.19	5	0.34	
1/4	1/4	4,076.75	1/4	3,803.99	1/4	3,521.08	1/4	3,238.17	1/4	2,955.25	1/4	2,672.34	1/4	2,389.43	1/4	2,106.52	1/4	1,823.61	1/4	1,540.69	1/4	1,257.78	1/4	975.43	1/4	693.23	1/4	410.55	1/4	131.48	1/4	0.30	
1/2	1/2	4,072.49	1/2	3,798.10	1/2	3,515.18	1/2	3,232.27	1/2	2,949.36	1/2	2,666.45	1/2	2,383.54	1/2	2,100.62	1/2	1,817.71	1/2	1,534.80	1/2	1,251.89	1/2	969.55	1/2	687.35	1/2	404.65	1/2	125.77	1/2	0.26	
3/4	3/4	4,068.24	3/4	3,792.20	3/4	3,509.29	3/4	3,226.38	3/4	2,943.47	3/4	2,660.55	3/4	2,377.64	3/4	2,094.73	3/4	1,811.82	3/4	1,528.91	3/4	1,245.99	3/4	963.67	3/4	681.48	3/4	398.76	3/4	120.06	3/4	0.22	
6	6	4,063.98	6	3,786.31	6	3,503.40	6	3,220.48	6	2,937.57	6	2,654.66	6	2,371.75	6	2,088.84	6	1,805.92	6	1,523.01	6	1,240.10	6	957.79	6	675.60	6	392.86	6	114.34	6	0.17	
1/4	1/4	4,059.07	1/4	3,780.41	1/4	3,497.50	1/4	3,214.59	1/4	2,931.68	1/4	2,648.77	1/4	2,365.85	1/4	2,082.94	1/4	1,800.03	1/4	1,517.12	1/4	1,234.21	1/4	951.91	1/4	669.72	1/4	386.97	1/4	108.63	1/4	0.13	
1/2	1/2	4,054.16	1/2	3,774.52	1/2	3,491.61	1/2	3,208.70	1/2	2,925.78	1/2	2,642.87	1/2	2,359.96	1/2	2,077.05	1/2	1,794.14	1/2	1,511.22	1/2	1,228.31	1/2	946.03	1/2	663.84	1/2	381.08	1/2	102.92	1/2	0.09	
3/4	3/4	4,049.25	3/4	3,768.63	3/4	3,485.71	3/4	3,202.80	3/4	2,919.89	3/4	2,636.98	3/4	2,354.07	3/4	2,071.15	3/4	1,788.24	3/4	1,505.33	3/4	1,222.42	3/4	940.15	3/4	657.96	3/4	375.18	3/4	97.21	3/4	0.04	
7	7	4,044.34	7	3,762.73	7	3,479.82	7	3,196.91	7	2,914.00	7	2,631.08	7	2,348.17	7	2,065.26	7	1,782.35	7	1,499.44	7	1,216.52	7	934.27	7	652.08	7	369.29	7	91.50	7	0.00	
1/4	1/4	4,038.77	1/4	3,756.84	1/4	3,473.93	1/4	3,191.01	1/4	2,908.10	1/4	2,625.19	1/4	2,342.28	1/4	2,059.37	1/4	1,776.45	1/4	1,493.54	1/4	1,210.63	1/4	928.39	1/4	646.20	1/4	363.39	1/4	85.79	1/4		
1/2	1/2	4,033.20	1/2	3,750.94	1/2	3,468.03	1/2	3,185.12	1/2	2,902.21	1/2	2,619.30	1/2	2,336.38	1/2	2,053.47	1/2	1,770.56	1/2	1,487.65	1/2	1,204.74	1/2	922.51	1/2	640.32	1/2	357.50	1/2	80.08	1/2		
3/4	3/4	4,027.64	3/4	3,745.05	3/4	3,462.14	3/4	3,179.23	3/4	2,896.31	3/4	2,613.40	3/4	2,330.49	3/4	2,047.58	3/4	1,764.67	3/4	1,481.75	3/4	1,198.84	3/4	916.64	3/4	634.44	3/4	351.61	3/4	74.37	3/4		
8	8	4,022.07	8	3,739.16	8	3,456.24	8	3,173.33	8	2,890.42	8	2,607.51	8	2,324.60	8	2,041.68	8	1,758.77	8	1,475.86	8	1,192.95	8	910.76	8	628.56	8	345.71	8	68.66	8		
1/4	1/4	4,016.17	1/4	3,733.26	1/4	3,450.35	1/4	3,167.44	1/4	2,884.53	1/4	2,601.61	1/4	2,318.70	1/4	2,035.79	1/4	1,752.88	1/4	1,469.97	1/4	1,187.07	1/4	904.88	1/4	622.69	1/4	339.82	1/4	63.44	1/4		
1/2	1/2	4,010.28	1/2	3,727.37	1/2	3,444.46	1/2	3,161.54	1/2	2,878.63	1/2	2,595.72	1/2	2,312.81	1/2	2,029.90	1/2	1,746.98	1/2	1,464.07	1/2	1,181.19	1/2	899.00	1/2	616.81	1/2	333.92	1/2	58.22	1/2		
3/4	3/4	4,004.39	3/4	3,721.47	3/4	3,438.56	3/4	3,155.65	3/4	2,872.74	3/4	2,589.83	3/4	2,306.91	3/4	2,024.00	3/4	1,741.09	3/4														



## BARGE "GRIFCO 3005" GRIFCO TRANSPORTATION COMPANY

### OUTAGE TABLE

TANK NO.  
**2 STAR**

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

HULL NO. 2141-2

		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		
N		N		N		N		N		N		N		N		N		N		N		N		N		N		N		N		N		N		
0		0	4,127.17	0	3,933.66	0	3,650.75	0	3,367.83	0	3,084.92	0	2,802.01	0	2,519.10	0	2,236.19	0	1,953.27	0	1,670.36	0	1,387.45	0	1,104.76	0	822.57	0	540.21	0	257.30	0	10.99			
1/4		1/4	4,126.84	1/4	3,927.76	1/4	3,644.85	1/4	3,361.94	1/4	3,079.03	1/4	2,796.12	1/4	2,513.20	1/4	2,230.29	1/4	1,947.38	1/4	1,664.47	1/4	1,381.56	1/4	1,098.88	1/4	816.69	1/4	534.32	1/4	251.41	1/4	8.72			
1/2		1/2	4,125.86	1/2	3,921.87	1/2	3,638.96	1/2	3,356.05	1/2	3,073.13	1/2	2,790.22	1/2	2,507.31	1/2	2,224.40	1/2	1,941.49	1/2	1,658.57	1/2	1,375.66	1/2	1,093.01	1/2	810.81	1/2	528.43	1/2	245.70	1/2	7.24			
3/4		3/4	4,124.88	3/4	3,915.98	3/4	3,633.06	3/4	3,350.15	3/4	3,067.24	3/4	2,784.33	3/4	2,501.42	3/4	2,218.50	3/4	1,935.59	3/4	1,652.68	3/4	1,369.77	3/4	1,087.13	3/4	804.93	3/4	522.53	3/4	239.99	3/4	5.77			
1		1	4,123.90	1	3,910.08	1	3,627.17	1	3,344.26	1	3,061.35	1	2,778.43	1	2,495.52	1	2,212.61	1	1,929.70	1	1,646.79	1	1,363.87	1	1,081.25	1	799.06	1	516.64	1	234.28	1	4.30			
1/4		1/4	4,122.92	1/4	3,904.19	1/4	3,621.28	1/4	3,338.36	1/4	3,055.45	1/4	2,772.54	1/4	2,489.63	1/4	2,206.72	1/4	1,923.80	1/4	1,640.89	1/4	1,357.98	1/4	1,075.37	1/4	793.18	1/4	510.74	1/4	228.56	1/4	2.82			
1/2		1/2	4,121.28	1/2	3,898.29	1/2	3,615.38	1/2	3,332.47	1/2	3,049.56	1/2	2,766.65	1/2	2,483.73	1/2	2,200.82	1/2	1,917.91	1/2	1,635.00	1/2	1,352.09	1/2	1,069.49	1/2	787.30	1/2	504.85	1/2	222.85	1/2	2.33			
3/4		3/4	4,119.64	3/4	3,892.40	3/4	3,609.49	3/4	3,326.58	3/4	3,043.66	3/4	2,760.75	3/4	2,477.84	3/4	2,194.93	3/4	1,912.02	3/4	1,629.10	3/4	1,346.19	3/4	1,063.61	3/4	781.42	3/4	498.96	3/4	217.14	3/4	1.84			
2		2	4,118.01	2	3,886.51	2	3,603.59	2	3,320.68	2	3,037.77	2	2,754.86	2	2,471.95	2	2,189.03	2	1,906.12	2	1,623.21	2	1,340.30	2	1,057.73	2	775.54	2	493.06	2	211.43	2	1.35			
1/4		1/4	4,116.37	1/4	3,880.61	1/4	3,597.70	1/4	3,314.79	1/4	3,031.88	1/4	2,748.96	1/4	2,466.05	1/4	2,183.14	1/4	1,900.23	1/4	1,617.32	1/4	1,334.40	1/4	1,051.85	1/4	769.66	1/4	487.17	1/4	205.72	1/4	0.86			
1/2		1/2	4,114.08	1/2	3,874.72	1/2	3,591.81	1/2	3,308.89	1/2	3,025.98	1/2	2,743.07	1/2	2,460.16	1/2	2,177.25	1/2	1,894.33	1/2	1,611.42	1/2	1,328.51	1/2	1,045.97	1/2	763.78	1/2	481.27	1/2	200.01	1/2	0.82			
3/4		3/4	4,111.78	3/4	3,868.82	3/4	3,585.91	3/4	3,303.00	3/4	3,020.09	3/4	2,737.18	3/4	2,454.26	3/4	2,171.35	3/4	1,888.44	3/4	1,605.53	3/4	1,322.62	3/4	1,040.69	3/4	757.90	3/4	475.38	3/4	194.30	3/4	0.77			
3		3	4,109.49	3	3,862.93	3	3,580.02	3	3,297.11	3	3,014.19	3	2,731.28	3	2,448.37	3	2,165.46	3	1,882.55	3	1,599.63	3	1,316.72	3	1,034.22	3	752.02	3	469.49	3	188.59	3	0.73			
1/4		1/4	4,107.20	1/4	3,857.04	1/4	3,574.12	1/4	3,291.21	1/4	3,008.30	1/4	2,725.39	1/4	2,442.48	1/4	2,159.56	1/4	1,876.65	1/4	1,593.74	1/4	1,310.83	1/4	1,028.34	1/4	746.14	1/4	463.59	1/4	182.88	1/4	0.69			
1/2		1/2	4,104.25	1/2	3,851.14	1/2	3,568.23	1/2	3,285.32	1/2	3,002.41	1/2	2,719.49	1/2	2,436.58	1/2	2,153.67	1/2	1,870.76	1/2	1,587.85	1/2	1,304.93	1/2	1,022.46	1/2	740.27	1/2	457.70	1/2	177.17	1/2	0.65			
3/4		3/4	4,101.31	3/4	3,845.25	3/4	3,562.34	3/4	3,279.42	3/4	2,996.51	3/4	2,713.60	3/4	2,430.69	3/4	2,147.78	3/4	1,864.86	3/4	1,581.95	3/4	1,299.04	3/4	1,016.58	3/4	734.39	3/4	451.80	3/4	171.45	3/4	0.60			
4		4	4,098.36	4	3,839.35	4	3,556.44	4	3,273.53	4	2,990.62	4	2,707.71	4	2,424.79	4	2,141.88	4	1,858.97	4	1,576.06	4	1,293.15	4	1,010.70	4	728.51	4	445.91	4	165.74	4	0.56			
1/4		1/4	4,095.41	1/4	3,833.46	1/4	3,550.55	1/4	3,267.64	1/4	2,984.72	1/4	2,701.81	1/4	2,418.90	1/4	2,135.99	1/4	1,853.08	1/4	1,570.16	1/4	1,287.25	1/4	1,004.82	1/4	722.63	1/4	440.02	1/4	160.03	1/4	0.52			
1/2		1/2	4,091.81	1/2	3,827.57	1/2	3,544.65	1/2	3,261.74	1/2	2,978.83	1/2	2,695.92	1/2	2,413.01	1/2	2,130.09	1/2	1,847.18	1/2	1,564.27	1/2	1,281.36	1/2	998.94	1/2	716.75	1/2	434.12	1/2	154.32	1/2	0.47			
3/4		3/4	4,088.21	3/4	3,821.67	3/4	3,538.76	3/4	3,255.85	3/4	2,972.94	3/4	2,690.02	3/4	2,407.11	3/4	2,124.20	3/4	1,841.29	3/4	1,558.38	3/4	1,275.46	3/4	993.06	3/4	710.87	3/4	428.23	3/4	148.61	3/4	0.43			
5		5	4,084.61	5	3,819.78	5	3,532.87	5	3,249.95	5	2,967.04	5	2,684.13	5	2,401.22	5	2,118.31	5	1,835.39	5	1,552.48	5	1,269.57	5	987.18	5	704.99	5	422.33	5	142.90	5	0.39			
1/4		1/4	4,081.00	1/4	3,809.88	1/4	3,526.97	1/4	3,244.06	1/4	2,961.15	1/4	2,678.24	1/4	2,395.32	1/4	2,112.41	1/4	1,829.50	1/4	1,546.59	1/4	1,263.68	1/4	981.30	1/4	699.11	1/4	416.44	1/4	137.19	1/4	0.34			
1/2		1/2	4,076.75	1/2	3,803.99	1/2	3,521.08	1/2	3,238.17	1/2	2,955.25	1/2	2,672.34	1/2	2,389.43	1/2	2,106.52	1/2	1,823.61	1/2	1,540.69	1/2	1,257.78	1/2	975.43	1/2	693.23	1/2	410.55	1/2	131.48	1/2	0.30			
3/4		3/4	4,072.49	3/4	3,798.10	3/4	3,515.18	3/4	3,232.27	3/4	2,949.36	3/4	2,666.45	3/4	2,383.54	3/4	2,100.62	3/4	1,817.71	3/4	1,534.80	3/4	1,251.89	3/4	969.55	3/4	687.35	3/4	404.65	3/4	125.77	3/4	0.26			
6		6	4,068.24	6	3,792.20	6	3,509.29	6	3,226.38	6	2,943.47	6	2,660.55	6	2,377.64	6	2,094.73	6	1,811.82	6	1,528.91	6	1,245.99	6	963.67	6	681.48	6	398.76	6	120.06	6	0.22			
1/4		1/4	4,063.98	1/4	3,786.31	1/4	3,503.40	1/4	3,220.48	1/4	2,937.57	1/4	2,654.66	1/4	2,371.75	1/4	2,088.84	1/4	1,805.92	1/4	1,523.01	1/4	1,240.10	1/4	957.79	1/4	675.60	1/4	382.86	1/4	114.34	1/4	0.17			
1/2		1/2	4,059.07	1/2	3,780.41	1/2	3,497.50	1/2	3,214.59	1/2	2,931.68	1/2	2,648.77	1/2	2,365.85	1/2	2,082.94	1/2	1,800.03	1/2	1,517.12	1/2	1,234.21	1/2	951.91	1/2	669.72	1/2	386.97	1/2	108.63	1/2	0.13			
3/4		3/4	4,054.16	3/4	3,774.52	3/4	3,491.61	3/4	3,208.70	3/4	2,925.78	3/4	2,642.87	3/4	2,359.96	3/4	2,077.05	3/4	1,794.14	3/4	1,511.22	3/4	1,228.31	3/4	946.03	3/4	663.84	3/4	381.08	3/4	102.92	3/4	0.09			
7		7	4,049.25	7	3,768.63	7	3,485.71	7	3,202.80	7	2,919.89	7	2,636.98	7	2,354.07	7	2,071.15	7	1,788.24	7	1,505.33	7	1,222.42	7	940.15	7	657.96	7	375.18	7	97.21	7	0.04			
1/4		1/4	4,044.34	1/4	3,762.73	1/4	3,479.82	1/4	3,196.91	1/4	2,914.00	1/4	2,631.09	1/4	2,348.17	1/4	2,065.26	1/4	1,782.35	1/4	1,499.44	1/4	1,216.52	1/4	934.27	1/4	652.08	1/4	369.29	1/4	91.50	1/4	0.00			



**BARGE "GRIFCO 3005"**  
**GRIFCO TRANSPORTATION COMPANY**

TANK NO.  
**3 PORT**

OUTAGE TABLE

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

HULL NO. 2141-2

N	1 FT.	N	2 FT.	N	3 FT.	N	4 FT.	N	5 FT.	N	6 FT.	N	7 FT.	N	8 FT.	N	9 FT.	N	10 FT.	N	11 FT.	N	12 FT.	N	13 FT.	N	14 FT.	N	15 FT.	N	16 FT.	N	17 FT.
0		0	4,120.34	0	3,921.24	0	3,638.76	0	3,356.28	0	3,073.80	0	2,791.32	0	2,508.84	0	2,226.36	0	1,943.88	0	1,661.40	0	1,378.92	0	1,096.44	0	815.04	0	533.22	0	250.94	0	8.70
1/4	1/4	1/4	4,119.36	1/4	3,915.35	1/4	3,632.87	1/4	3,350.39	1/4	3,067.91	1/4	2,785.43	1/4	2,502.95	1/4	2,220.47	1/4	1,937.99	1/4	1,655.51	1/4	1,373.03	1/4	1,090.55	1/4	809.18	1/4	527.34	1/4	245.24	1/4	7.23
1/2	1/2	1/2	4,118.38	1/2	3,909.47	1/2	3,626.99	1/2	3,344.51	1/2	3,062.03	1/2	2,779.55	1/2	2,497.07	1/2	2,214.59	1/2	1,932.11	1/2	1,649.63	1/2	1,367.15	1/2	1,084.67	1/2	803.31	1/2	521.46	1/2	239.54	1/2	5.76
3/4	3/4	3/4	4,117.40	3/4	3,903.58	3/4	3,621.10	3/4	3,338.62	3/4	3,056.14	3/4	2,773.66	3/4	2,491.18	3/4	2,208.70	3/4	1,926.22	3/4	1,643.74	3/4	1,361.26	3/4	1,079.10	3/4	797.44	3/4	515.58	3/4	233.84	3/4	4.29
1	1	1	4,116.42	1	3,897.70	1	3,615.22	1	3,332.74	1	3,050.26	1	2,767.78	1	2,485.30	1	2,202.82	1	1,920.34	1	1,637.86	1	1,355.38	1	1,073.24	1	791.57	1	509.70	1	228.14	1	2.82
1/4	1/4	1/4	4,114.78	1/4	3,891.81	1/4	3,609.33	1/4	3,326.85	1/4	3,044.37	1/4	2,761.89	1/4	2,479.41	1/4	2,196.93	1/4	1,914.45	1/4	1,631.97	1/4	1,349.49	1/4	1,067.37	1/4	785.70	1/4	503.82	1/4	222.44	1/4	2.33
1/2	1/2	1/2	4,113.15	1/2	3,885.93	1/2	3,603.45	1/2	3,320.97	1/2	3,038.49	1/2	2,756.01	1/2	2,473.53	1/2	2,191.05	1/2	1,908.57	1/2	1,626.09	1/2	1,343.61	1/2	1,061.50	1/2	779.84	1/2	497.94	1/2	216.74	1/2	1.84
3/4	3/4	3/4	4,111.52	3/4	3,880.04	3/4	3,597.56	3/4	3,315.08	3/4	3,032.60	3/4	2,750.12	3/4	2,467.64	3/4	2,185.16	3/4	1,902.68	3/4	1,620.20	3/4	1,337.72	3/4	1,055.63	3/4	773.97	3/4	492.06	3/4	211.04	3/4	1.35
2	2	2	4,109.88	2	3,874.16	2	3,591.68	2	3,309.20	2	3,026.72	2	2,744.24	2	2,461.76	2	2,179.28	2	1,896.80	2	1,614.32	2	1,331.84	2	1,049.76	2	768.10	2	486.18	2	205.34	2	0.86
1/4	1/4	1/4	4,107.50	1/4	3,868.27	1/4	3,585.79	1/4	3,303.31	1/4	3,020.83	1/4	2,738.35	1/4	2,455.87	1/4	2,173.39	1/4	1,890.91	1/4	1,608.43	1/4	1,325.95	1/4	1,043.90	1/4	762.23	1/4	480.29	1/4	189.64	1/4	0.82
1/2	1/2	1/2	4,105.11	1/2	3,862.39	1/2	3,579.91	1/2	3,297.43	1/2	3,014.95	1/2	2,732.47	1/2	2,449.99	1/2	2,167.51	1/2	1,885.03	1/2	1,602.55	1/2	1,320.07	1/2	1,038.03	1/2	756.36	1/2	474.41	1/2	183.94	1/2	0.77
3/4	3/4	3/4	4,102.72	3/4	3,856.50	3/4	3,574.02	3/4	3,291.54	3/4	3,009.06	3/4	2,726.58	3/4	2,444.10	3/4	2,161.62	3/4	1,879.14	3/4	1,596.66	3/4	1,314.18	3/4	1,032.16	3/4	750.50	3/4	468.53	3/4	188.24	3/4	0.73
3	3	3	4,100.34	3	3,850.62	3	3,568.14	3	3,285.66	3	3,003.18	3	2,720.70	3	2,438.22	3	2,155.74	3	1,873.26	3	1,590.78	3	1,308.30	3	1,026.29	3	744.63	3	462.65	3	182.54	3	0.69
1/4	1/4	1/4	4,097.40	1/4	3,844.73	1/4	3,562.25	1/4	3,279.77	1/4	2,997.29	1/4	2,714.81	1/4	2,432.33	1/4	2,149.85	1/4	1,867.37	1/4	1,584.89	1/4	1,302.41	1/4	1,020.42	1/4	738.76	1/4	456.77	1/4	176.84	1/4	0.64
1/2	1/2	1/2	4,094.46	1/2	3,838.85	1/2	3,556.37	1/2	3,273.89	1/2	2,991.41	1/2	2,708.93	1/2	2,426.45	1/2	2,143.97	1/2	1,861.49	1/2	1,579.01	1/2	1,296.53	1/2	1,014.56	1/2	732.89	1/2	450.89	1/2	171.14	1/2	0.60
3/4	3/4	3/4	4,091.52	3/4	3,832.96	3/4	3,550.48	3/4	3,268.00	3/4	2,985.52	3/4	2,703.04	3/4	2,420.56	3/4	2,138.08	3/4	1,855.60	3/4	1,573.12	3/4	1,290.64	3/4	1,008.69	3/4	727.02	3/4	445.01	3/4	165.44	3/4	0.56
4	4	4	4,088.58	4	3,827.08	4	3,544.60	4	3,262.12	4	2,979.64	4	2,697.16	4	2,414.68	4	2,132.20	4	1,849.72	4	1,567.24	4	1,284.76	4	1,002.82	4	721.16	4	439.13	4	159.74	4	0.52
1/4	1/4	1/4	4,084.98	1/4	3,821.19	1/4	3,538.71	1/4	3,256.23	1/4	2,973.75	1/4	2,691.27	1/4	2,408.79	1/4	2,126.31	1/4	1,843.83	1/4	1,561.35	1/4	1,278.87	1/4	996.95	1/4	715.29	1/4	433.25	1/4	154.04	1/4	0.47
1/2	1/2	1/2	4,081.39	1/2	3,815.31	1/2	3,532.83	1/2	3,250.35	1/2	2,967.87	1/2	2,685.39	1/2	2,402.91	1/2	2,120.43	1/2	1,837.95	1/2	1,555.47	1/2	1,272.99	1/2	991.08	1/2	709.42	1/2	427.37	1/2	148.34	1/2	0.43
3/4	3/4	3/4	4,077.79	3/4	3,809.42	3/4	3,526.94	3/4	3,244.46	3/4	2,961.98	3/4	2,679.50	3/4	2,397.02	3/4	2,114.54	3/4	1,832.06	3/4	1,549.58	3/4	1,267.10	3/4	985.22	3/4	703.55	3/4	421.48	3/4	142.64	3/4	0.39
5	5	5	4,074.20	5	3,803.54	5	3,521.06	5	3,238.58	5	2,956.10	5	2,673.62	5	2,391.14	5	2,108.66	5	1,826.18	5	1,543.70	5	1,261.22	5	979.35	5	697.68	5	415.60	5	136.94	5	0.34
1/4	1/4	1/4	4,069.95	1/4	3,797.65	1/4	3,515.17	1/4	3,232.69	1/4	2,950.21	1/4	2,667.73	1/4	2,385.25	1/4	2,102.77	1/4	1,820.29	1/4	1,537.81	1/4	1,255.33	1/4	973.48	1/4	691.82	1/4	409.72	1/4	131.24	1/4	0.30
1/2	1/2	1/2	4,065.71	1/2	3,791.77	1/2	3,509.29	1/2	3,226.81	1/2	2,944.33	1/2	2,661.85	1/2	2,379.37	1/2	2,096.89	1/2	1,814.41	1/2	1,531.93	1/2	1,249.45	1/2	967.61	1/2	685.95	1/2	403.84	1/2	125.54	1/2	0.26
3/4	3/4	3/4	4,061.46	3/4	3,785.88	3/4	3,503.40	3/4	3,220.92	3/4	2,938.44	3/4	2,655.96	3/4	2,373.48	3/4	2,091.00	3/4	1,808.52	3/4	1,526.04	3/4	1,243.56	3/4	961.74	3/4	680.08	3/4	397.96	3/4	119.84	3/4	0.21
6	6	6	4,057.21	6	3,780.00	6	3,497.52	6	3,215.04	6	2,932.56	6	2,650.08	6	2,367.60	6	2,085.12	6	1,802.64	6	1,520.16	6	1,237.68	6	955.88	6	674.21	6	392.08	6	114.14	6	0.17
1/4	1/4	1/4	4,052.31	1/4	3,774.11	1/4	3,491.63	1/4	3,209.15	1/4	2,926.67	1/4	2,644.19	1/4	2,361.71	1/4	2,079.23	1/4	1,796.75	1/4	1,514.27	1/4	1,231.79	1/4	950.01	1/4	668.34	1/4	386.20	1/4	108.44	1/4	0.13
1/2	1/2	1/2	4,047.41	1/2	3,768.23	1/2	3,485.75	1/2	3,203.27	1/2	2,920.79	1/2	2,638.31	1/2	2,355.83	1/2	2,073.35	1/2	1,790.87	1/2	1,508.39	1/2	1,225.91	1/2	944.14	1/2	662.48	1/2	380.32	1/2	102.74	1/2	0.09
3/4	3/4	3/4	4,042.51	3/4	3,762.34	3/4	3,479.86	3/4	3,197.38	3/4	2,914.90	3/4	2,632.42	3/4	2,349.94	3/4	2,067.46	3/4	1,784.98	3/4	1,502.50	3/4	1,220.02	3/4	938.27	3/4	656.61	3/4	374.44	3/4	97.04	3/4	0.04
7	7	7	4,037.61	7	3,756.46	7	3,473.98	7	3,191.50	7	2,909.02	7	2,626.54	7	2,344.06	7	2,061.58	7	1,779.10	7	1,496.62	7	1,214.14	7	932.40	7	650.74	7	368.56	7	91.34	7	0.00
1/4	1/4	1/4	4,032.06	1/4	3,750.57	1/4	3,468.09	1/4	3,185.61	1/4	2,903.13	1/4	2,620.65	1/4	2,338.17	1/4	2,055.69	1/4	1,773.21	1/4	1,490.73	1/4	1,208.25	1/4	926.54	1/4	644.87	1/4	362.67	1/4	85.64	1/4	
1/2	1/2	1/2	4,026.50	1/2	3,744.69	1/2	3,462.21	1/2	3,179.73	1/2	2,897.25	1/2	2,614.77	1/2	2,332.29	1/2	2,049.81	1/2	1,767.33	1/2	1,484.85	1/2	1,202.37	1/2	920.67	1/2	639.00	1/2	356.79	1/2	79.94	1/2	
3/4	3/4	3/4	4,020.95	3/4	3,738.60	3/4	3,456.32	3/4	3,173.84	3/4	2,891.36	3/4	2,608.88	3/4	2,32																		



BARGE "GRIFCO 3005"  
GRIFCO TRANSPORTATION COMPANY

TANK NO.  
**3 STAR**

OUTAGE TABLE

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

HULL NO. 2141-2

N	1 FT.	N	2 FT.	N	3 FT.	N	4 FT.	N	5 FT.	N	6 FT.	N	7 FT.	N	8 FT.	N	9 FT.	N	10 FT.	N	11 FT.	N	12 FT.	N	13 FT.	N	14 FT.	N	15 FT.	N	16 FT.	N	17 FT.
0		0	4,120.66	0	3,927.12	0	3,644.64	0	3,362.16	0	3,079.68	0	2,797.20	0	2,514.72	0	2,232.24	0	1,949.76	0	1,667.28	0	1,384.80	0	1,102.56	0	820.91	0	539.10	0	256.82	0	10.97
1/4		1/4	4,120.34	1/4	3,921.24	1/4	3,638.76	1/4	3,356.28	1/4	3,073.80	1/4	2,791.32	1/4	2,508.84	1/4	2,226.36	1/4	1,943.88	1/4	1,661.40	1/4	1,378.92	1/4	1,096.71	1/4	815.04	1/4	533.22	1/4	250.84	1/4	8.70
1/2		1/2	4,119.36	1/2	3,915.35	1/2	3,632.87	1/2	3,350.39	1/2	3,067.91	1/2	2,785.43	1/2	2,502.95	1/2	2,220.47	1/2	1,937.99	1/2	1,655.51	1/2	1,373.03	1/2	1,090.84	1/2	809.18	1/2	527.34	1/2	245.24	1/2	7.23
3/4		3/4	4,118.38	3/4	3,909.47	3/4	3,626.99	3/4	3,344.51	3/4	3,062.03	3/4	2,779.55	3/4	2,497.07	3/4	2,214.59	3/4	1,932.11	3/4	1,649.63	3/4	1,367.15	3/4	1,084.97	3/4	803.31	3/4	521.46	3/4	239.54	3/4	5.76
1		1	4,117.40	1	3,903.58	1	3,621.10	1	3,338.62	1	3,056.14	1	2,773.66	1	2,491.18	1	2,208.70	1	1,926.22	1	1,643.74	1	1,361.26	1	1,079.10	1	797.44	1	515.58	1	233.84	1	4.29
1/4		1/4	4,116.42	1/4	3,897.70	1/4	3,615.22	1/4	3,332.74	1/4	3,050.26	1/4	2,767.78	1/4	2,485.30	1/4	2,202.82	1/4	1,920.34	1/4	1,637.86	1/4	1,355.38	1/4	1,073.24	1/4	791.57	1/4	509.70	1/4	228.14	1/4	2.82
1/2		1/2	4,114.78	1/2	3,891.81	1/2	3,609.33	1/2	3,326.85	1/2	3,044.37	1/2	2,761.89	1/2	2,479.41	1/2	2,196.93	1/2	1,914.45	1/2	1,631.97	1/2	1,349.49	1/2	1,067.37	1/2	785.70	1/2	503.82	1/2	222.44	1/2	2.33
3/4		3/4	4,113.15	3/4	3,885.93	3/4	3,603.45	3/4	3,320.97	3/4	3,038.49	3/4	2,756.01	3/4	2,473.53	3/4	2,191.05	3/4	1,908.57	3/4	1,626.09	3/4	1,343.61	3/4	1,061.50	3/4	779.84	3/4	497.94	3/4	216.74	3/4	1.84
2		2	4,111.52	2	3,880.04	2	3,597.56	2	3,315.08	2	3,032.60	2	2,750.12	2	2,467.64	2	2,185.16	2	1,902.68	2	1,620.20	2	1,337.72	2	1,055.63	2	773.97	2	492.06	2	211.04	2	1.35
1/4		1/4	4,109.88	1/4	3,874.16	1/4	3,591.68	1/4	3,309.20	1/4	3,026.72	1/4	2,744.24	1/4	2,461.76	1/4	2,179.28	1/4	1,896.80	1/4	1,614.32	1/4	1,331.84	1/4	1,049.76	1/4	768.10	1/4	486.18	1/4	205.34	1/4	0.86
1/2		1/2	4,107.50	1/2	3,868.27	1/2	3,585.79	1/2	3,303.31	1/2	3,020.83	1/2	2,738.35	1/2	2,455.87	1/2	2,173.39	1/2	1,890.91	1/2	1,608.43	1/2	1,325.95	1/2	1,043.90	1/2	762.23	1/2	480.29	1/2	199.64	1/2	0.82
3/4		3/4	4,105.11	3/4	3,862.39	3/4	3,579.91	3/4	3,297.43	3/4	3,014.95	3/4	2,732.47	3/4	2,449.99	3/4	2,167.51	3/4	1,885.03	3/4	1,602.55	3/4	1,320.07	3/4	1,038.03	3/4	756.36	3/4	474.41	3/4	193.94	3/4	0.77
3		3	4,102.72	3	3,856.50	3	3,574.02	3	3,291.54	3	3,009.06	3	2,726.58	3	2,444.10	3	2,161.62	3	1,879.14	3	1,596.66	3	1,314.18	3	1,032.16	3	750.50	3	468.53	3	188.24	3	0.73
1/4		1/4	4,100.34	1/4	3,850.62	1/4	3,568.14	1/4	3,285.66	1/4	3,003.18	1/4	2,720.70	1/4	2,438.22	1/4	2,155.74	1/4	1,873.26	1/4	1,590.78	1/4	1,306.29	1/4	1,029.27	1/4	744.63	1/4	462.65	1/4	182.54	1/4	0.69
1/2		1/2	4,097.40	1/2	3,844.73	1/2	3,562.25	1/2	3,279.77	1/2	2,997.29	1/2	2,714.81	1/2	2,432.33	1/2	2,149.85	1/2	1,867.37	1/2	1,584.89	1/2	1,302.41	1/2	1,020.42	1/2	738.76	1/2	456.77	1/2	176.84	1/2	0.64
3/4		3/4	4,094.46	3/4	3,838.85	3/4	3,556.37	3/4	3,273.89	3/4	2,991.41	3/4	2,708.93	3/4	2,426.45	3/4	2,143.97	3/4	1,861.49	3/4	1,579.01	3/4	1,296.53	3/4	1,014.56	3/4	732.89	3/4	450.89	3/4	171.14	3/4	0.60
4		4	4,091.52	4	3,832.96	4	3,550.48	4	3,268.00	4	2,985.52	4	2,703.04	4	2,420.56	4	2,138.08	4	1,855.60	4	1,573.12	4	1,290.64	4	1,008.69	4	727.02	4	445.01	4	165.44	4	0.56
1/4		1/4	4,088.58	1/4	3,827.08	1/4	3,544.80	1/4	3,262.12	1/4	2,979.64	1/4	2,697.16	1/4	2,414.68	1/4	2,132.20	1/4	1,849.72	1/4	1,567.24	1/4	1,284.76	1/4	1,002.82	1/4	721.16	1/4	439.13	1/4	159.74	1/4	0.52
1/2		1/2	4,084.98	1/2	3,821.19	1/2	3,538.71	1/2	3,256.23	1/2	2,973.75	1/2	2,691.27	1/2	2,408.79	1/2	2,126.31	1/2	1,843.83	1/2	1,561.35	1/2	1,278.87	1/2	996.95	1/2	715.29	1/2	433.25	1/2	154.04	1/2	0.47
3/4		3/4	4,081.39	3/4	3,815.31	3/4	3,532.83	3/4	3,250.35	3/4	2,967.87	3/4	2,685.39	3/4	2,402.91	3/4	2,120.43	3/4	1,837.95	3/4	1,555.47	3/4	1,272.99	3/4	991.08	3/4	709.42	3/4	427.37	3/4	148.34	3/4	0.43
5		5	4,077.78	5	3,809.42	5	3,526.94	5	3,244.46	5	2,961.98	5	2,679.50	5	2,397.02	5	2,114.54	5	1,832.06	5	1,549.58	5	1,267.10	5	985.22	5	703.55	5	421.48	5	142.64	5	0.39
1/4		1/4	4,074.20	1/4	3,803.54	1/4	3,521.06	1/4	3,238.58	1/4	2,956.10	1/4	2,673.62	1/4	2,391.14	1/4	2,108.66	1/4	1,826.18	1/4	1,543.70	1/4	1,261.22	1/4	979.35	1/4	697.68	1/4	415.60	1/4	136.94	1/4	0.34
1/2		1/2	4,069.95	1/2	3,797.65	1/2	3,515.17	1/2	3,232.69	1/2	2,950.21	1/2	2,667.73	1/2	2,385.25	1/2	2,102.77	1/2	1,820.29	1/2	1,537.81	1/2	1,253.33	1/2	973.48	1/2	691.82	1/2	409.72	1/2	131.24	1/2	0.30
3/4		3/4	4,065.71	3/4	3,791.77	3/4	3,509.29	3/4	3,226.81	3/4	2,944.33	3/4	2,661.85	3/4	2,379.37	3/4	2,096.89	3/4	1,814.41	3/4	1,531.93	3/4	1,249.45	3/4	967.61	3/4	685.95	3/4	403.84	3/4	125.54	3/4	0.26
6		6	4,061.46	6	3,785.88	6	3,503.40	6	3,220.92	6	2,938.44	6	2,655.96	6	2,373.48	6	2,091.00	6	1,808.52	6	1,526.04	6	1,243.56	6	961.74	6	680.08	6	397.96	6	119.84	6	0.21
1/4		1/4	4,057.21	1/4	3,780.00	1/4	3,497.52	1/4	3,215.04	1/4	2,932.56	1/4	2,650.08	1/4	2,367.60	1/4	2,085.12	1/4	1,802.64	1/4	1,520.16	1/4	1,237.68	1/4	955.88	1/4	674.21	1/4	392.08	1/4	114.14	1/4	0.17
1/2		1/2	4,052.31	1/2	3,774.11	1/2	3,491.63	1/2	3,209.15	1/2	2,926.67	1/2	2,644.19	1/2	2,361.71	1/2	2,079.23	1/2	1,796.75	1/2	1,514.27	1/2	1,231.79	1/2	950.01	1/2	668.34	1/2	366.20	1/2	108.44	1/2	0.13
3/4		3/4	4,047.41	3/4	3,768.23	3/4	3,485.75	3/4	3,203.27	3/4	2,920.79	3/4	2,638.31	3/4	2,355.83	3/4	2,073.35	3/4	1,790.87	3/4	1,508.39	3/4	1,225.91	3/4	944.14	3/4	662.48	3/4	360.32	3/4	102.74	3/4	0.09
7		7	4,042.51	7	3,762.34	7	3,479.86	7	3,197.38	7	2,914.90	7	2,632.42	7	2,349.94	7	2,067.46	7	1,784.98	7	1,502.50	7	1,220.02	7	938.27	7	656.61	7	374.44	7	97.04	7	0.04
1/4		1/4	4,037.61	1/4	3,756.46	1/4	3,473.98	1/4	3,191.50	1/4	2,909.02	1/4	2,626.54	1/4	2,344.06	1/4	2,061.58	1/4	1,779.10	1/4	1,496.62	1/4	1,214.14	1/4	932.40	1/4	650.74	1/4	368.56	1/4	91.34	1/4	0.00
1/2		1/2	4,032.06	1/2	3,750.57	1/2	3,468.09	1/2	3,185.61	1/2	2,903.13	1/2	2,620.65	1/2	2,338.17	1/2	2,055.69	1/2	1,773.21	1/2	1,490.73	1/2	1,208.25	1/2	926.54	1/2	644.87	1/2	362.67	1/2	85.64	1/2	
3/4		3/4	4,026.50	3/4	3,744.69	3/4	3,462.21	3/4	3,179.73	3/4	2,897.25	3/4	2,614.77	3/4	2,332.29	3/4	2,049.81	3/4	1,767.33	3/4	1,484.85	3/4	1,202.37	3/4	920.67	3/4							



**BARGE "GRIFCO 3005"**  
**GRIFCO TRANSPORTATION COMPANY**  
**OUTAGE TABLE**

**TANK NO.**  
**4 PORT**

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

HULL NO. 2141-2

	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.															
0	0	3,816.41	0	3,733.19	0	3,620.49	0	3,507.78	0	3,354.19	0	3,044.49	0	2,734.80	0	2,425.10	0	2,115.40	0	1,805.71	0	1,496.01	0	1,186.89	0	878.73	0	570.38	0	261.94	0	6.22
1/4	1/4	3,816.62	1/4	3,730.84	1/4	3,618.14	1/4	3,505.44	1/4	3,347.74	1/4	3,038.04	1/4	2,728.34	1/4	2,418.65	1/4	2,108.95	1/4	1,799.26	1/4	1,489.56	1/4	1,180.47	1/4	872.31	1/4	563.94	1/4	255.71	1/4	4.61
1/2	1/2	3,815.63	1/2	3,728.50	1/2	3,615.79	1/2	3,503.09	1/2	3,341.28	1/2	3,031.59	1/2	2,721.89	1/2	2,412.20	1/2	2,102.50	1/2	1,792.80	1/2	1,483.11	1/2	1,174.05	1/2	865.89	1/2	557.51	1/2	249.47	1/2	3.00
3/4	3/4	3,814.98	3/4	3,726.15	3/4	3,613.44	3/4	3,500.74	3/4	3,338.83	3/4	3,025.14	3/4	2,715.44	3/4	2,405.74	3/4	2,096.05	3/4	1,786.35	3/4	1,476.66	3/4	1,167.63	3/4	859.47	3/4	551.07	3/4	243.24	3/4	2.47
1	1	3,814.32	1	3,723.80	1	3,611.10	1	3,498.39	1	3,328.38	1	3,018.68	1	2,708.99	1	2,399.29	1	2,089.60	1	1,779.90	1	1,470.20	1	1,161.21	1	853.05	1	544.64	1	237.00	1	1.93
1/4	1/4	3,813.67	1/4	3,721.45	1/4	3,608.75	1/4	3,496.04	1/4	3,321.93	1/4	3,012.23	1/4	2,702.54	1/4	2,392.84	1/4	2,083.14	1/4	1,773.45	1/4	1,463.75	1/4	1,154.79	1/4	846.63	1/4	538.21	1/4	230.77	1/4	1.40
1/2	1/2	3,813.02	1/2	3,719.10	1/2	3,606.40	1/2	3,493.70	1/2	3,315.48	1/2	3,005.78	1/2	2,696.08	1/2	2,386.39	1/2	2,076.69	1/2	1,767.00	1/2	1,457.30	1/2	1,148.37	1/2	840.21	1/2	531.77	1/2	224.53	1/2	0.86
3/4	3/4	3,812.11	3/4	3,716.76	3/4	3,604.05	3/4	3,491.35	3/4	3,309.02	3/4	2,999.33	3/4	2,689.63	3/4	2,379.94	3/4	2,070.24	3/4	1,760.54	3/4	1,450.85	3/4	1,141.95	3/4	833.79	3/4	525.34	3/4	218.30	3/4	0.82
2	2	3,811.19	2	3,744.41	2	3,601.70	2	3,489.00	2	3,302.57	2	2,992.88	2	2,683.18	2	2,373.48	2	2,063.79	2	1,754.09	2	1,444.40	2	1,135.53	2	827.37	2	518.90	2	212.06	2	0.77
1/4	1/4	3,810.28	1/4	3,712.06	1/4	3,599.36	1/4	3,486.65	1/4	3,296.12	1/4	2,986.42	1/4	2,676.73	1/4	2,367.03	1/4	2,057.34	1/4	1,747.64	1/4	1,437.94	1/4	1,129.11	1/4	820.95	1/4	512.47	1/4	205.83	1/4	0.73
1/2	1/2	3,809.37	1/2	3,709.71	1/2	3,597.01	1/2	3,484.30	1/2	3,289.67	1/2	2,979.97	1/2	2,670.28	1/2	2,360.58	1/2	2,050.88	1/2	1,741.19	1/2	1,431.49	1/2	1,122.89	1/2	814.53	1/2	506.04	1/2	199.59	1/2	0.69
3/4	3/4	3,808.19	3/4	3,707.36	3/4	3,594.66	3/4	3,481.96	3/4	3,283.22	3/4	2,973.52	3/4	2,663.82	3/4	2,354.13	3/4	2,044.43	3/4	1,734.74	3/4	1,425.04	3/4	1,116.27	3/4	808.11	3/4	499.60	3/4	193.36	3/4	0.64
3	3	3,807.02	3	3,705.02	3	3,592.31	3	3,479.61	3	3,276.76	3	2,967.07	3	2,657.37	3	2,347.68	3	2,037.98	3	1,728.28	3	1,418.59	3	1,109.85	3	801.69	3	493.17	3	187.12	3	0.60
1/4	1/4	3,805.85	1/4	3,702.67	1/4	3,589.96	1/4	3,477.26	1/4	3,270.31	1/4	2,960.62	1/4	2,650.92	1/4	2,341.22	1/4	2,031.53	1/4	1,721.83	1/4	1,412.14	1/4	1,103.43	1/4	795.27	1/4	486.73	1/4	180.89	1/4	0.56
1/2	1/2	3,804.67	1/2	3,700.32	1/2	3,587.62	1/2	3,474.91	1/2	3,263.86	1/2	2,954.16	1/2	2,644.47	1/2	2,334.77	1/2	2,025.08	1/2	1,715.38	1/2	1,405.68	1/2	1,097.01	1/2	788.85	1/2	480.30	1/2	174.65	1/2	0.52
3/4	3/4	3,803.24	3/4	3,697.97	3/4	3,585.27	3/4	3,472.56	3/4	3,257.41	3/4	2,947.71	3/4	2,638.02	3/4	2,328.32	3/4	2,018.62	3/4	1,708.93	3/4	1,399.23	3/4	1,090.59	3/4	782.43	3/4	473.87	3/4	168.42	3/4	0.47
4	4	3,801.80	4	3,695.62	4	3,582.92	4	3,470.22	4	3,256.96	4	2,941.26	4	2,631.56	4	2,321.87	4	2,012.17	4	1,702.47	4	1,392.78	4	1,084.17	4	776.01	4	467.43	4	162.18	4	0.43
1/4	1/4	3,800.37	1/4	3,693.28	1/4	3,580.57	1/4	3,467.87	1/4	3,244.50	1/4	2,934.81	1/4	2,625.11	1/4	2,315.42	1/4	2,005.72	1/4	1,696.02	1/4	1,386.33	1/4	1,077.75	1/4	769.59	1/4	461.00	1/4	155.95	1/4	0.39
1/2	1/2	3,798.93	1/2	3,690.93	1/2	3,578.22	1/2	3,465.52	1/2	3,238.05	1/2	2,928.36	1/2	2,618.66	1/2	2,308.96	1/2	1,999.27	1/2	1,689.57	1/2	1,379.88	1/2	1,071.33	1/2	763.17	1/2	454.56	1/2	149.71	1/2	0.34
3/4	3/4	3,797.24	3/4	3,688.58	3/4	3,575.88	3/4	3,463.17	3/4	3,231.60	3/4	2,921.90	3/4	2,612.21	3/4	2,302.51	3/4	1,992.82	3/4	1,683.12	3/4	1,373.42	3/4	1,064.91	3/4	756.75	3/4	448.13	3/4	143.48	3/4	0.30
5	5	3,795.54	5	3,686.23	5	3,573.53	5	3,460.82	5	3,225.15	5	2,915.45	5	2,605.76	5	2,296.06	5	1,986.36	5	1,676.67	5	1,366.97	5	1,058.49	5	750.33	5	441.70	5	137.24	5	0.26
1/4	1/4	3,793.84	1/4	3,683.88	1/4	3,571.18	1/4	3,458.48	1/4	3,218.70	1/4	2,909.00	1/4	2,599.30	1/4	2,289.61	1/4	1,979.91	1/4	1,670.22	1/4	1,360.52	1/4	1,052.07	1/4	743.91	1/4	435.26	1/4	131.01	1/4	0.21
1/2	1/2	3,792.15	1/2	3,681.54	1/2	3,568.83	1/2	3,456.13	1/2	3,212.24	1/2	2,902.55	1/2	2,592.85	1/2	2,283.16	1/2	1,973.46	1/2	1,663.76	1/2	1,354.07	1/2	1,045.65	1/2	737.49	1/2	428.83	1/2	124.77	1/2	0.17
3/4	3/4	3,790.19	3/4	3,679.19	3/4	3,566.48	3/4	3,453.78	3/4	3,205.79	3/4	2,895.10	3/4	2,585.40	3/4	2,275.70	3/4	1,967.01	3/4	1,657.31	3/4	1,347.62	3/4	1,039.23	3/4	731.07	3/4	422.39	3/4	118.54	3/4	0.13
6	6	3,788.24	6	3,676.84	6	3,564.14	6	3,451.43	6	3,199.34	6	2,889.64	6	2,579.95	6	2,270.25	6	1,960.56	6	1,650.86	6	1,341.16	6	1,032.81	6	724.65	6	415.96	6	112.30	6	0.09
1/4	1/4	3,786.28	1/4	3,674.49	1/4	3,561.79	1/4	3,449.08	1/4	3,192.89	1/4	2,883.19	1/4	2,573.50	1/4	2,263.80	1/4	1,954.10	1/4	1,644.41	1/4	1,334.71	1/4	1,026.39	1/4	718.23	1/4	409.53	1/4	106.07	1/4	0.04
1/2	1/2	3,784.32	1/2	3,672.14	1/2	3,559.44	1/2	3,446.74	1/2	3,186.44	1/2	2,876.74	1/2	2,567.04	1/2	2,257.35	1/2	1,947.65	1/2	1,637.96	1/2	1,328.26	1/2	1,019.97	1/2	711.81	1/2	403.09	1/2	99.83	1/2	0.00
3/4	3/4	3,782.11	3/4	3,669.80	3/4	3,557.09	3/4	3,444.39	3/4	3,179.98	3/4	2,870.29	3/4	2,560.59	3/4	2,250.90	3/4	1,941.20	3/4	1,631.50	3/4	1,321.81	3/4	1,013.55	3/4	705.39	3/4	396.66	3/4	93.60	3/4	
7	7	3,779.89	7	3,667.45	7	3,554.74	7	3,442.04	7	3,173.53	7	2,863.84	7	2,554.14	7	2,244.44	7	1,934.75	7	1,625.05	7	1,315.36	7	1,007.13	7	698.97	7	390.22	7	87.36	7	
1/4	1/4	3,777.67	1/4	3,665.10	1/4	3,552.40	1/4	3,439.69	1/4	3,167.08	1/4	2,857.38	1/4	2,547.69	1/4	2,237.99	1/4	1,928.30	1/4	1,618.60	1/4	1,308.90	1/4	1,000.71	1/4	692.55	1/4	383.79	1/4	81.13	1/4	
1/2	1/2	3,775.46	1/2	3,662.75	1/2	3,550.05	1/2	3,437.34	1/2	3,160.63	1/2	2,850.93	1/2	2,541.24	1/2	2,231.54	1/2	1,921.84	1/2	1,612.15	1/2	1,302.45	1/2	994.29	1/2	686.13	1/2	377.36	1/2	74.89	1/2	
3/4	3/4	3,773.11	3/4	3,660.40	3/4	3,547.70	3/4	3,434.49	3/4	3,154.18	3/4	2,844.48	3/4	2,534.78	3/4	2,225.09	3/4	1,915.39	3/4	1,605.70	3/4	1,296.03	3/4	987.87	3/4	679.71	3/4	370.92	3/4	69.19	3/4	
8	8	3,770.76	8	3,658.06	8	3,545.35	8	3,431.63	8	3,147.72	8	2,838.03	8	2,528.33	8	2,218.64	8</															



# BARGE "GRIFCO 3005" GRIFCO TRANSPORTATION COMPANY

## OUTAGE TABLE

**TANK NO.  
4 STAR**

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

HULL NO. 2141-2

1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.	
0		0	3,817.19	0	3,737.89	0	3,625.18	0	3,512.48	0	3,367.09	0	3,057.40	0	2,747.70	0	2,438.00	0	2,128.31	0	1,818.61	0	1,508.92	0	1,199.73	0	891.57	0	583.24	0	274.41	0	9.44
1/4		1/4	3,816.80	1/4	3,735.54	1/4	3,622.84	1/4	3,510.13	1/4	3,360.64	1/4	3,050.94	1/4	2,741.25	1/4	2,431.55	1/4	2,121.86	1/4	1,812.16	1/4	1,502.46	1/4	1,193.31	1/4	885.15	1/4	576.81	1/4	268.18	1/4	7.83
1/2		1/2	3,816.41	1/2	3,733.19	1/2	3,620.49	1/2	3,507.78	1/2	3,354.19	1/2	3,044.49	1/2	2,734.80	1/2	2,425.10	1/2	2,115.40	1/2	1,805.71	1/2	1,496.01	1/2	1,186.89	1/2	878.73	1/2	570.38	1/2	261.94	1/2	6.22
3/4		3/4	3,816.02	3/4	3,730.84	3/4	3,618.14	3/4	3,505.44	3/4	3,347.74	3/4	3,038.04	3/4	2,728.34	3/4	2,418.65	3/4	2,108.95	3/4	1,799.26	3/4	1,489.56	3/4	1,180.47	3/4	872.31	3/4	563.94	3/4	255.71	3/4	4.61
1		1	3,815.63	1	3,728.50	1	3,615.79	1	3,503.09	1	3,341.28	1	3,031.59	1	2,721.89	1	2,412.20	1	2,102.50	1	1,792.80	1	1,483.11	1	1,174.05	1	865.89	1	557.51	1	249.47	1	3.00
1/4		1/4	3,814.98	1/4	3,726.15	1/4	3,613.44	1/4	3,500.74	1/4	3,334.83	1/4	3,025.14	1/4	2,715.44	1/4	2,405.74	1/4	2,096.05	1/4	1,786.35	1/4	1,476.66	1/4	1,167.63	1/4	859.47	1/4	551.07	1/4	243.24	1/4	2.47
1/2		1/2	3,814.32	1/2	3,723.80	1/2	3,611.10	1/2	3,498.39	1/2	3,328.38	1/2	3,018.68	1/2	2,708.99	1/2	2,399.29	1/2	2,089.60	1/2	1,779.90	1/2	1,470.20	1/2	1,161.21	1/2	853.05	1/2	544.64	1/2	237.00	1/2	1.93
3/4		3/4	3,813.67	3/4	3,721.45	3/4	3,608.75	3/4	3,496.04	3/4	3,321.93	3/4	3,012.23	3/4	2,702.54	3/4	2,392.84	3/4	2,083.14	3/4	1,773.45	3/4	1,463.75	3/4	1,154.79	3/4	846.63	3/4	538.21	3/4	230.77	3/4	1.40
2		2	3,813.02	2	3,719.10	2	3,606.40	2	3,493.70	2	3,315.48	2	3,005.78	2	2,696.08	2	2,386.39	2	2,076.69	2	1,767.00	2	1,457.30	2	1,148.37	2	840.21	2	531.77	2	224.53	2	0.86
1/4		1/4	3,812.11	1/4	3,716.76	1/4	3,604.05	1/4	3,491.35	1/4	3,309.02	1/4	2,999.33	1/4	2,689.63	1/4	2,379.94	1/4	2,070.24	1/4	1,760.54	1/4	1,450.85	1/4	1,141.95	1/4	833.79	1/4	525.34	1/4	218.30	1/4	0.82
1/2		1/2	3,811.19	1/2	3,714.41	1/2	3,601.70	1/2	3,489.00	1/2	3,302.57	1/2	2,992.88	1/2	2,683.18	1/2	2,373.48	1/2	2,063.79	1/2	1,754.09	1/2	1,444.40	1/2	1,135.53	1/2	827.37	1/2	518.90	1/2	212.06	1/2	0.77
3/4		3/4	3,810.28	3/4	3,712.06	3/4	3,599.36	3/4	3,486.65	3/4	3,296.12	3/4	2,986.42	3/4	2,676.73	3/4	2,367.03	3/4	2,057.34	3/4	1,747.64	3/4	1,437.94	3/4	1,129.11	3/4	820.95	3/4	512.47	3/4	205.83	3/4	0.73
3		3	3,809.37	3	3,709.71	3	3,597.01	3	3,484.30	3	3,289.67	3	2,979.97	3	2,670.28	3	2,360.58	3	2,050.88	3	1,741.19	3	1,431.49	3	1,122.69	3	814.53	3	506.04	3	199.59	3	0.69
1/4		1/4	3,808.19	1/4	3,707.36	1/4	3,594.66	1/4	3,481.96	1/4	3,283.22	1/4	2,973.52	1/4	2,663.82	1/4	2,354.13	1/4	2,044.43	1/4	1,734.74	1/4	1,425.04	1/4	1,116.27	1/4	808.11	1/4	499.60	1/4	193.36	1/4	0.64
1/2		1/2	3,807.92	1/2	3,705.02	1/2	3,592.31	1/2	3,479.61	1/2	3,276.76	1/2	2,967.07	1/2	2,657.37	1/2	2,347.68	1/2	2,037.98	1/2	1,728.28	1/2	1,418.59	1/2	1,109.85	1/2	801.69	1/2	493.17	1/2	187.12	1/2	0.60
3/4		3/4	3,805.85	3/4	3,702.67	3/4	3,589.96	3/4	3,477.26	3/4	3,270.31	3/4	2,960.62	3/4	2,650.92	3/4	2,341.22	3/4	2,031.53	3/4	1,721.83	3/4	1,412.14	3/4	1,103.43	3/4	795.27	3/4	486.73	3/4	180.89	3/4	0.56
4		4	3,804.67	4	3,700.32	4	3,587.62	4	3,474.91	4	3,263.86	4	2,954.16	4	2,644.47	4	2,334.77	4	2,025.08	4	1,715.38	4	1,405.68	4	1,097.01	4	788.85	4	480.30	4	174.65	4	0.52
1/4		1/4	3,803.24	1/4	3,697.97	1/4	3,585.27	1/4	3,472.56	1/4	3,263.02	1/4	2,947.71	1/4	2,638.02	1/4	2,328.32	1/4	2,018.62	1/4	1,708.93	1/4	1,399.23	1/4	1,090.59	1/4	782.43	1/4	473.87	1/4	168.42	1/4	0.47
1/2		1/2	3,801.80	1/2	3,695.62	1/2	3,582.92	1/2	3,470.22	1/2	3,250.96	1/2	2,941.26	1/2	2,631.56	1/2	2,321.87	1/2	2,012.17	1/2	1,702.48	1/2	1,392.78	1/2	1,084.17	1/2	776.01	1/2	467.43	1/2	162.18	1/2	0.43
3/4		3/4	3,800.37	3/4	3,693.28	3/4	3,580.57	3/4	3,467.87	3/4	3,244.50	3/4	2,934.81	3/4	2,625.11	3/4	2,315.42	3/4	2,005.72	3/4	1,696.02	3/4	1,386.33	3/4	1,077.75	3/4	769.59	3/4	461.00	3/4	155.95	3/4	0.39
5		5	3,798.93	5	3,690.93	5	3,578.22	5	3,465.52	5	3,238.05	5	2,928.36	5	2,618.66	5	2,308.96	5	1,999.27	5	1,689.57	5	1,379.88	5	1,071.33	5	763.17	5	454.56	5	149.71	5	0.34
1/4		1/4	3,797.24	1/4	3,688.58	1/4	3,575.88	1/4	3,463.17	1/4	3,231.60	1/4	2,921.90	1/4	2,612.21	1/4	2,302.51	1/4	1,992.82	1/4	1,683.12	1/4	1,373.42	1/4	1,064.81	1/4	756.75	1/4	448.13	1/4	143.48	1/4	0.30
1/2		1/2	3,795.54	1/2	3,686.23	1/2	3,573.53	1/2	3,460.82	1/2	3,225.15	1/2	2,915.45	1/2	2,605.76	1/2	2,296.06	1/2	1,986.36	1/2	1,676.67	1/2	1,366.97	1/2	1,058.49	1/2	750.33	1/2	441.70	1/2	137.24	1/2	0.26
3/4		3/4	3,793.84	3/4	3,683.88	3/4	3,571.18	3/4	3,458.48	3/4	3,218.70	3/4	2,909.00	3/4	2,599.30	3/4	2,289.61	3/4	1,979.91	3/4	1,670.22	3/4	1,360.52	3/4	1,052.07	3/4	743.91	3/4	435.26	3/4	131.01	3/4	0.21
6		6	3,792.15	6	3,681.54	6	3,568.83	6	3,456.13	6	3,212.24	6	2,902.55	6	2,592.85	6	2,283.16	6	1,973.46	6	1,663.76	6	1,354.07	6	1,045.65	6	737.49	6	428.83	6	124.77	6	0.17
1/4		1/4	3,790.19	1/4	3,679.19	1/4	3,566.48	1/4	3,453.78	1/4	3,205.79	1/4	2,896.10	1/4	2,586.40	1/4	2,276.70	1/4	1,967.01	1/4	1,657.31	1/4	1,347.62	1/4	1,039.23	1/4	731.07	1/4	422.39	1/4	118.54	1/4	0.13
1/2		1/2	3,788.24	1/2	3,676.84	1/2	3,564.14	1/2	3,451.43	1/2	3,199.34	1/2	2,889.64	1/2	2,579.95	1/2	2,270.25	1/2	1,960.56	1/2	1,650.86	1/2	1,341.16	1/2	1,032.81	1/2	724.65	1/2	415.96	1/2	112.30	1/2	0.09
3/4		3/4	3,786.28	3/4	3,674.49	3/4	3,561.79	3/4	3,449.08	3/4	3,192.89	3/4	2,883.19	3/4	2,573.50	3/4	2,263.80	3/4	1,954.10	3/4	1,644.41	3/4	1,334.71	3/4	1,023.39	3/4	718.23	3/4	409.53	3/4	106.07	3/4	0.04
7		7	3,784.32	7	3,672.14	7	3,559.44	7	3,446.74	7	3,186.44	7	2,876.74	7	2,567.04	7	2,257.35	7	1,947.65	7	1,637.96	7	1,328.26	7	1,019.97	7	711.81	7	403.09	7	99.83	7	0.00
1/4		1/4	3,782.11	1/4	3,669.80	1/4	3,557.09	1/4	3,444.39	1/4	3,179.98	1/4	2,870.29	1/4	2,560.59	1/4	2,250.90	1/4	1,941.20	1/4	1,631.50	1/4	1,321.81	1/4	1,013.55	1/4	705.39	1/4	396.66	1/4	93.60	1/4	
1/2		1/2	3,779.89	1/2	3,667.45	1/2	3,554.74	1/2	3,442.04	1/2	3,173.53	1/2	2,863.84	1/2	2,554.14	1/2	2,244.44	1/2	1,934.75	1/2	1,625.05	1/2	1,315.36	1/2	1,007.13	1/2	698.97	1/2	390.22	1/2	87.36	1/2	
3/4		3/4	3,777.67	3/4	3,665.10	3/4	3,552.40	3/4	3,439.69	3/4	3,167.08	3/4	2,857.38	3/4	2,547.69	3/4	2,237.99	3/4	1,928.30	3/4	1,618.60	3/4	1,308.90	3/4	1,000.71	3/4	692.55	3/4	383.79	3/4	81.13	3/4	
8		8	3,775.46	8	3,662.75	8	3,550.05	8	3,437.34	8	3,160.63	8	2,850.93	8	2,541.24	8	2,231.54	8	1,921.84	8	1,612.15	8	1,302.45	8	994.29	8	686.13	8	377.36	8	74.89	8	
1/4		1/4	3,773.11	1/4	3,660.40	1/4	3,547.70	1/4	3,434.49	1/4	3,154.18	1/4	2,844.48	1/4	2,534.78	1/4	2,225.09	1/4	1,915.39	1/4	1,605.70	1/4	1,296.03	1/4	987.87	1/4	679.71	1/4	370.92	1/4	69.19	1/4	
1/2		1/2	3,770.76	1/2	3,658.06	1/2	3,545.35	1/2	3,431.63	1/2	3,147.72	1/2	2,838.03	1/2	2,528.33	1/2	2,218.64	1/2	1,908.94	1/2	1,599.24	1/2	1,289.61	1/2	981.45	1/2	673.29	1/2	364.49	1/2			