



BARGE "GRIFCO 3000"

GRIFCO TRANSPORTATION COMPANY

HULL NO. 2140-1

CORRECTION TABLE FOR TRIM AFT.

FOR INNAGE GAUGES ONLY

TRIM	TANKS NO. 1 PORT OR STAR.	TANKS NO. 2 PORT OR STAR.	TANKS NO. 3 PORT OR STAR.	TANKS NO. 4 PORT OR STAR.
0'-6"	(-) 0'-0 3/4"	(-) 0'-0 5/8"	(-) 0'-0 3/4"	(+) 0'-0 3/4"
1'-0"	(-) 0'-1 1/2"	(-) 0'-1 3/8"	(-) 0'-1 1/2"	(+) 0'-1 1/2"
1'-6"	(-) 0'-2 1/4"	(-) 0'-2"	(-) 0'-2 1/4"	(+) 0'-2 1/4"
2'-0"	(-) 0'-3"	(-) 0'-2 3/4"	(-) 0'-3"	(+) 0'-3"
2'-6"	(-) 0'-3 3/4"	(-) 0'-3 3/8"	(-) 0'-3 3/4"	(+) 0'-3 3/4"
3'-0"	(-) 0'-4 1/2"	(-) 0'-4"	(-) 0'-4 1/2"	(+) 0'-4 1/2"
3'-6"	(-) 0'-5 1/4"	(-) 0'-4 3/4"	(-) 0'-5 1/4"	(+) 0'-5 1/4"
4'-0"	(-) 0'-6"	(-) 0'-5 3/8"	(-) 0'-6"	(+) 0'-6"
4'-6"	(-) 0'-6 3/4"	(-) 0'-6"	(-) 0'-6 3/4"	(+) 0'-6 3/4"
5'-0"	(-) 0'-7 1/2"	(-) 0'-6 3/4"	(-) 0'-7 1/2"	(+) 0'-7 1/2"

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.

DATE: 5/17/05

BY:

INSPECTORATE AMERICA CORPORATION



BARGE "GRIFCO 3000"
GRIFCO TRANSPORTATION COMPANY

INNAGE TABLE

TANK NO.
2 PORT OR STAR

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

HULL NO. 2140-1

Table with columns for depth (0 FT. to 15 FT.) and corresponding innage values for various tank sections.

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 5/17/05

PORT REFERENCE GAUGE HEIGHT : 17'-7" (TO 10" DIAMETER HATCH LOCATED NEAR EXPANSION TRUNK)

STAR REFERENCE GAUGE HEIGHT : 17'-7 1/4" (TO 10" DIAMETER HATCH LOCATED NEAR EXPANSION TRUNK)

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

Inspector signature and INSPECTORATE AMERICA CORPORATION text.



BARGE "GRIFCO 3000"
GRIFCO TRANSPORTATION COMPANY

INNAGE TABLE

TANK NO.
3 PORT OR STAR

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

HULL NO. 2140-1

Table with columns for height (0 FT. to 15 FT.) and corresponding capacity values in barrels. Includes a note: CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

PORT REFERENCE GAUGE HEIGHT : 17'-6 3/4" (TO 10" DIAMETER HATCH LOCATED NEAR EXPANSION TRUNK)

STAR REFERENCE GAUGE HEIGHT : 17'-7 1/4" (TO 10" DIAMETER HATCH LOCATED NEAR EXPANSION TRUNK)

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



BARGE "GRIFCO 3000"
GRIFCO TRANSPORTATION COMPANY

TANK NO.
1 PORT

OUTAGE TABLE

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

HULL NO. 2140-1

Table with columns for height (1 FT. to 17 FT.) and corresponding capacity values in barrels of 42 U.S. gallons. Includes a note: CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

REFERENCE GAUGE HEIGHT : 17'-7 1/4" (TO 10" DIAMETER HATCH LOCATED NEAR EXPANSION TRUNK)

STRAPPED: 5/17/05

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Inspector signature and text: INSPECTORATE AMERICA CORPORATION



BARGE "GRIFCO 3000"
GRIFCO TRANSPORTATION COMPANY

TANK NO.
1 STAR

OUTAGE TABLE

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

HULL NO. 2140-1

Table with 17 columns (1 FT. to 17 FT.) and multiple rows (0 to 17) showing capacity data in barrels. Includes sub-rows for 1/4, 1/2, and 3/4 gauge heights.

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 5/17/05

REFERENCE GAUGE HEIGHT : 17-7 1/2" (TO 10" DIAMETER HATCH LOCATED NEAR EXPANSION TRUNK)

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

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INSPECTORATE AMERICA CORPORATION



BARGE "GRIFCO 3000"
GRIFCO TRANSPORTATION COMPANY

TANK NO.
2 PORT

OUTAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

HULL NO. 2140-1

Table with 19 columns (1 FT. to 17 FT.) and 19 rows (1 to 17). Each cell contains four values representing measurements at different gauges (0, 1/4, 1/2, 3/4).

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 5/17/05

REFERENCE GAUGE HEIGHT : 17'-7" (TO 10" DIAMETER HATCH LOCATED NEAR EXPANSION TRUNK)

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

Handwritten signature

INSPECTORATE AMERICA CORPORATION



BARGE "GRIFCO 3000" GRIFCO TRANSPORTATION COMPANY

TANK NO.
2 STAR

OUTAGE TABLE

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 2140-1

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	3,698.11	0	3,524.72	0	3,271.23	0	3,017.74	0	2,764.25	0	2,510.77	0	2,257.28	0	2,003.79	0	1,750.30	0	1,496.81	0	1,243.33	0	990.03	0	737.17	0	484.16	0	230.67	0	9.94
1/4		1/4	3,697.82	1/4	3,519.44	1/4	3,265.95	1/4	3,012.46	1/4	2,758.97	1/4	2,505.48	1/4	2,252.00	1/4	1,998.51	1/4	1,745.02	1/4	1,491.53	1/4	1,238.04	1/4	984.76	1/4	731.90	1/4	478.88	1/4	225.39	1/4	7.90
1/2		1/2	3,696.94	1/2	3,514.16	1/2	3,260.67	1/2	3,007.18	1/2	2,753.69	1/2	2,500.20	1/2	2,246.72	1/2	1,993.23	1/2	1,739.74	1/2	1,486.25	1/2	1,232.76	1/2	979.50	1/2	726.63	1/2	473.60	1/2	220.27	1/2	6.58
3/4		3/4	3,696.06	3/4	3,508.87	3/4	3,255.39	3/4	3,001.90	3/4	2,748.41	3/4	2,494.92	3/4	2,241.43	3/4	1,987.95	3/4	1,734.46	3/4	1,480.97	3/4	1,227.48	3/4	974.23	3/4	721.36	3/4	468.32	3/4	215.16	3/4	5.26
1		1	3,695.18	1	3,503.59	1	3,250.11	1	2,996.62	1	2,743.13	1	2,489.64	1	2,236.15	1	1,982.67	1	1,729.18	1	1,475.69	1	1,222.20	1	968.96	1	716.10	1	463.04	1	210.04	1	3.94
1/4		1/4	3,694.30	1/4	3,498.31	1/4	3,244.82	1/4	2,991.34	1/4	2,737.85	1/4	2,484.36	1/4	2,230.87	1/4	1,977.38	1/4	1,723.90	1/4	1,470.41	1/4	1,216.92	1/4	963.69	1/4	710.83	1/4	457.76	1/4	204.92	1/4	2.62
1/2		1/2	3,692.83	1/2	3,493.03	1/2	3,239.54	1/2	2,986.06	1/2	2,732.57	1/2	2,479.08	1/2	2,225.59	1/2	1,972.10	1/2	1,718.62	1/2	1,465.13	1/2	1,211.64	1/2	958.42	1/2	705.56	1/2	452.48	1/2	199.80	1/2	2.18
3/4		3/4	3,691.37	3/4	3,487.75	3/4	3,234.26	3/4	2,980.77	3/4	2,727.29	3/4	2,473.80	3/4	2,220.31	3/4	1,966.82	3/4	1,713.33	3/4	1,459.85	3/4	1,206.36	3/4	953.16	3/4	700.29	3/4	447.19	3/4	194.68	3/4	1.74
2		2	3,689.90	2	3,482.47	2	3,228.98	2	2,975.49	2	2,722.01	2	2,468.52	2	2,215.03	2	1,961.54	2	1,708.05	2	1,454.57	2	1,201.08	2	947.89	2	695.02	2	441.91	2	189.57	2	1.30
1/4		1/4	3,688.43	1/4	3,477.19	1/4	3,223.70	1/4	2,970.21	1/4	2,716.72	1/4	2,463.24	1/4	2,209.75	1/4	1,956.26	1/4	1,702.77	1/4	1,449.28	1/4	1,195.80	1/4	942.62	1/4	689.76	1/4	436.63	1/4	184.45	1/4	0.86
1/2		1/2	3,686.38	1/2	3,471.91	1/2	3,218.42	1/2	2,964.93	1/2	2,711.44	1/2	2,457.96	1/2	2,204.47	1/2	1,950.98	1/2	1,697.49	1/2	1,444.00	1/2	1,190.52	1/2	937.35	1/2	684.49	1/2	431.35	1/2	179.33	1/2	0.82
3/4		3/4	3,684.32	3/4	3,466.63	3/4	3,213.14	3/4	2,959.65	3/4	2,706.16	3/4	2,452.67	3/4	2,199.19	3/4	1,945.70	3/4	1,692.21	3/4	1,438.72	3/4	1,185.23	3/4	932.08	3/4	679.22	3/4	426.07	3/4	174.21	3/4	0.77
3		3	3,682.27	3	3,461.35	3	3,207.86	3	2,954.37	3	2,700.88	3	2,447.39	3	2,193.91	3	1,940.42	3	1,686.93	3	1,433.44	3	1,179.95	3	926.82	3	673.95	3	426.79	3	169.09	3	0.73
1/4		1/4	3,680.22	1/4	3,456.06	1/4	3,202.58	1/4	2,949.09	1/4	2,695.60	1/4	2,442.11	1/4	2,188.62	1/4	1,935.14	1/4	1,681.65	1/4	1,428.16	1/4	1,174.67	1/4	921.55	1/4	668.68	1/4	415.51	1/4	163.98	1/4	0.69
1/2		1/2	3,677.58	1/2	3,450.78	1/2	3,197.30	1/2	2,943.81	1/2	2,690.32	1/2	2,436.83	1/2	2,183.34	1/2	1,929.86	1/2	1,676.37	1/2	1,422.88	1/2	1,169.39	1/2	916.28	1/2	663.42	1/2	410.23	1/2	158.86	1/2	0.65
3/4		3/4	3,674.93	3/4	3,445.50	3/4	3,192.01	3/4	2,938.53	3/4	2,685.04	3/4	2,431.55	3/4	2,178.06	3/4	1,924.57	3/4	1,671.09	3/4	1,417.60	3/4	1,164.11	3/4	911.01	3/4	658.15	3/4	404.95	3/4	153.74	3/4	0.60
4		4	3,672.29	4	3,440.22	4	3,186.73	4	2,933.25	4	2,679.76	4	2,426.27	4	2,172.78	4	1,919.29	4	1,665.81	4	1,412.32	4	1,158.83	4	905.74	4	652.88	4	399.67	4	148.62	4	0.56
1/4		1/4	3,669.65	1/4	3,434.94	1/4	3,181.45	1/4	2,927.96	1/4	2,674.48	1/4	2,420.99	1/4	2,167.50	1/4	1,914.01	1/4	1,660.52	1/4	1,407.04	1/4	1,153.55	1/4	900.48	1/4	647.61	1/4	394.38	1/4	143.50	1/4	0.52
1/2		1/2	3,666.43	1/2	3,429.66	1/2	3,176.17	1/2	2,922.68	1/2	2,669.20	1/2	2,415.71	1/2	2,162.22	1/2	1,908.73	1/2	1,655.24	1/2	1,401.76	1/2	1,148.27	1/2	895.21	1/2	642.34	1/2	389.10	1/2	138.39	1/2	0.47
3/4		3/4	3,663.20	3/4	3,424.38	3/4	3,170.89	3/4	2,917.40	3/4	2,663.91	3/4	2,410.43	3/4	2,156.94	3/4	1,903.45	3/4	1,649.96	3/4	1,396.47	3/4	1,142.99	3/4	889.94	3/4	637.08	3/4	383.82	3/4	133.27	3/4	0.43
5		5	3,659.97	5	3,419.10	5	3,165.61	5	2,912.12	5	2,658.63	5	2,405.15	5	2,151.66	5	1,898.17	5	1,644.68	5	1,391.19	5	1,137.71	5	884.67	5	631.81	5	378.54	5	128.15	5	0.39
1/4		1/4	3,656.74	1/4	3,413.82	1/4	3,160.33	1/4	2,906.84	1/4	2,653.35	1/4	2,399.86	1/4	2,146.38	1/4	1,892.89	1/4	1,639.40	1/4	1,385.91	1/4	1,132.42	1/4	879.40	1/4	626.54	1/4	373.26	1/4	123.03	1/4	0.34
1/2		1/2	3,652.93	1/2	3,408.54	1/2	3,155.05	1/2	2,901.56	1/2	2,648.07	1/2	2,394.58	1/2	2,141.10	1/2	1,887.61	1/2	1,634.12	1/2	1,380.63	1/2	1,127.14	1/2	874.14	1/2	621.27	1/2	367.98	1/2	117.91	1/2	0.30
3/4		3/4	3,649.12	3/4	3,403.25	3/4	3,149.77	3/4	2,896.28	3/4	2,642.79	3/4	2,389.30	3/4	2,135.81	3/4	1,882.33	3/4	1,628.84	3/4	1,375.35	3/4	1,121.86	3/4	868.87	3/4	616.00	3/4	362.70	3/4	112.80	3/4	0.26
6		6	3,645.30	6	3,397.97	6	3,144.49	6	2,891.00	6	2,637.51	6	2,384.02	6	2,130.53	6	1,877.05	6	1,623.56	6	1,370.07	6	1,116.58	6	863.60	6	610.74	6	357.42	6	107.68	6	0.22
1/4		1/4	3,641.49	1/4	3,392.69	1/4	3,139.20	1/4	2,885.72	1/4	2,632.23	1/4	2,378.74	1/4	2,125.25	1/4	1,871.76	1/4	1,618.28	1/4	1,364.79	1/4	1,111.30	1/4	858.33	1/4	605.47	1/4	352.14	1/4	102.56	1/4	0.17
1/2		1/2	3,637.09	1/2	3,387.41	1/2	3,133.92	1/2	2,880.44	1/2	2,626.95	1/2	2,373.46	1/2	2,119.97	1/2	1,866.48	1/2	1,613.00	1/2	1,359.51	1/2	1,106.02	1/2	853.06	1/2	600.20	1/2	346.86	1/2	97.44	1/2	0.13
3/4		3/4	3,632.69	3/4	3,382.13	3/4	3,128.64	3/4	2,875.15	3/4	2,621.67	3/4	2,368.18	3/4	2,114.69	3/4	1,861.20	3/4	1,607.71	3/4	1,354.23	3/4	1,100.74	3/4	847.80	3/4	594.93	3/4	341.57	3/4	92.32	3/4	0.09
7		7	3,628.29	7	3,376.85	7	3,123.36	7	2,869.87	7	2,616.39	7	2,362.90	7	2,109.41	7	1,855.92	7	1,602.43	7	1,348.95	7	1,095.46	7	842.53	7	589.66	7	336.29	7	87.21	7	0.04
1/4		1/4	3,623.88	1/4	3,371.57	1/4	3,118.08	1/4	2,864.59	1/4	2,611.10	1/4	2,357.62	1/4	2,104.13	1/4	1,850.64	1/4	1,597.15	1/4	1,343.66	1/4	1,090.18	1/4	837.26	1/4	584.40	1/4	331.01	1/4	82.09	1/4	0.00
1/2		1/2	3,618.90	1/2	3,366.29	1/2	3,112.80	1/2	2,859.31	1/2	2,605.82	1/2	2,352.34	1/2	2,098.85	1/2	1,845.36	1/2	1,591.87	1/2	1,338.38	1/2	1,084.90	1/2	831.99	1/2	579.13	1/2	325.73	1/2	76.97	1/2	
3/4		3/4	3,613.91	3/4	3,361.01	3/4	3,107.52	3/4	2,854.03	3/4	2,600.54	3/4	2,347.05	3/4	2,093.57	3/4	1,840.88	3/4	1,586.59	3/4	1,333.10	3/4	1,079.61	3/4	826.72	3/4	573.86	3/4	320.45	3/4	71.85	3/4	
8		8	3,608.92	8	3,355.73	8	3,102.24	8	2,848.75	8	2,595.26	8	2,341.77	8	2,088.29	8	1,834.80	8	1,581.31	8	1,327.82	8	1,074.33	8	821.46	8	568.59	8	315.17	8	66.73	8	
1/4		1/4	3,603.93	1/4	3,350.44	1/4	3,096.96	1/4	2,843.47	1/4	2,590.98	1/4	2,336.49	1/4	2,083.00	1/4	1,829.52	1/4	1,576.03	1/4	1,322.54	1/4	1,069.05	1/4	816.19	1/4	563.32	1/4	309.89	1/4	61.62	1/4	
1/2		1/2	3,598.65	1/2	3,345.16	1/2	3,091.68	1/2	2,838.19	1/2	2,584.70	1/2	2,331.21	1/2	2,077.72	1/2	1,824.24	1/2	1,570.75	1/2	1,317.26	1/2	1,063.78	1/2	810.92	1/2	558.06	1/2	304.61	1/2	56.94	1/2	
3/4		3/4	3,593.37	3/4	3,339.88	3/4	3,086.39	3/4	2,832.9																								



BARGE "GRIFCO 3000"

GRIFCO TRANSPORTATION COMPANY

OUTAGE TABLE

TANK NO.
3 PORT

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

HULL NO. 2140-1

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	4,117.04	0	3,913.50	0	3,631.21	0	3,348.92	0	3,066.64	0	2,784.35	0	2,502.06	0	2,219.77	0	1,937.48	0	1,655.20	0	1,372.91	0	1,090.84	0	809.18	0	527.34	0	245.24	0	7.23
1/4		1/4	4,116.06	1/4	3,907.62	1/4	3,625.33	1/4	3,343.04	1/4	3,060.75	1/4	2,778.47	1/4	2,496.18	1/4	2,213.89	1/4	1,931.60	1/4	1,649.31	1/4	1,367.03	1/4	1,084.97	1/4	803.31	1/4	521.46	1/4	239.54	1/4	5.76
1/2		1/2	4,115.08	1/2	3,901.74	1/2	3,619.45	1/2	3,337.16	1/2	3,054.87	1/2	2,772.59	1/2	2,490.30	1/2	2,208.01	1/2	1,925.72	1/2	1,643.43	1/2	1,361.15	1/2	1,079.10	1/2	797.44	1/2	515.58	1/2	233.84	1/2	4.29
3/4		3/4	4,114.10	3/4	3,895.86	3/4	3,613.57	3/4	3,331.28	3/4	3,048.99	3/4	2,766.70	3/4	2,484.42	3/4	2,202.13	3/4	1,919.84	3/4	1,637.55	3/4	1,355.26	3/4	1,073.24	3/4	791.57	3/4	509.70	3/4	228.14	3/4	2.82
1		1	4,112.46	1	3,889.98	1	3,607.69	1	3,325.40	1	3,043.11	1	2,760.82	1	2,478.54	1	2,196.25	1	1,913.96	1	1,631.67	1	1,349.38	1	1,067.37	1	785.70	1	503.82	1	222.44	1	2.33
1/4		1/4	4,110.83	1/4	3,884.09	1/4	3,601.81	1/4	3,319.52	1/4	3,037.23	1/4	2,754.94	1/4	2,472.65	1/4	2,190.37	1/4	1,908.08	1/4	1,625.79	1/4	1,343.50	1/4	1,061.50	1/4	779.84	1/4	497.94	1/4	216.74	1/4	1.84
1/2		1/2	4,109.20	1/2	3,878.21	1/2	3,595.93	1/2	3,313.64	1/2	3,031.35	1/2	2,749.06	1/2	2,466.77	1/2	2,184.49	1/2	1,902.20	1/2	1,619.91	1/2	1,337.62	1/2	1,055.63	1/2	773.97	1/2	492.06	1/2	211.04	1/2	1.35
3/4		3/4	4,107.56	3/4	3,872.33	3/4	3,590.04	3/4	3,307.76	3/4	3,025.47	3/4	2,743.18	3/4	2,460.89	3/4	2,178.60	3/4	1,896.32	3/4	1,614.03	3/4	1,331.74	3/4	1,049.76	3/4	768.10	3/4	486.18	3/4	205.34	3/4	0.86
2		2	4,105.28	2	3,866.45	2	3,584.16	2	3,301.88	2	3,019.59	2	2,737.30	2	2,455.01	2	2,172.72	2	1,890.44	2	1,608.15	2	1,325.86	2	1,043.90	2	762.23	2	480.30	2	199.64	2	0.82
1/4		1/4	4,102.99	1/4	3,860.57	1/4	3,578.28	1/4	3,295.99	1/4	3,013.71	1/4	2,731.42	1/4	2,449.13	1/4	2,166.84	1/4	1,884.55	1/4	1,602.27	1/4	1,319.98	1/4	1,038.03	1/4	756.36	1/4	474.41	1/4	193.94	1/4	0.77
1/2		1/2	4,100.70	1/2	3,854.69	1/2	3,572.40	1/2	3,290.11	1/2	3,007.83	1/2	2,725.54	1/2	2,443.25	1/2	2,160.96	1/2	1,878.67	1/2	1,596.39	1/2	1,314.10	1/2	1,032.16	1/2	750.50	1/2	468.53	1/2	188.24	1/2	0.73
3/4		3/4	4,098.42	3/4	3,848.81	3/4	3,566.52	3/4	3,284.23	3/4	3,001.94	3/4	2,719.66	3/4	2,437.37	3/4	2,155.08	3/4	1,872.79	3/4	1,590.50	3/4	1,308.22	3/4	1,026.29	3/4	744.63	3/4	462.65	3/4	182.54	3/4	0.69
3		3	4,095.48	3	3,842.93	3	3,560.64	3	3,278.35	3	2,996.06	3	2,713.78	3	2,431.49	3	2,149.20	3	1,866.91	3	1,584.62	3	1,302.34	3	1,020.42	3	738.76	3	456.77	3	176.84	3	0.65
1/4		1/4	4,092.54	1/4	3,837.05	1/4	3,554.76	1/4	3,272.47	1/4	2,990.18	1/4	2,707.89	1/4	2,425.61	1/4	2,143.32	1/4	1,861.03	1/4	1,578.74	1/4	1,296.45	1/4	1,014.56	1/4	732.89	1/4	450.89	1/4	171.14	1/4	0.60
1/2		1/2	4,089.60	1/2	3,831.17	1/2	3,548.88	1/2	3,266.59	1/2	2,984.30	1/2	2,702.01	1/2	2,419.73	1/2	2,137.44	1/2	1,855.15	1/2	1,572.86	1/2	1,290.57	1/2	1,008.69	1/2	727.02	1/2	445.01	1/2	165.44	1/2	0.56
3/4		3/4	4,086.66	3/4	3,825.28	3/4	3,543.00	3/4	3,260.71	3/4	2,978.42	3/4	2,696.13	3/4	2,413.84	3/4	2,131.56	3/4	1,849.27	3/4	1,566.98	3/4	1,284.69	3/4	1,002.82	3/4	721.16	3/4	439.13	3/4	159.74	3/4	0.52
4		4	4,083.06	4	3,819.40	4	3,537.12	4	3,254.83	4	2,972.54	4	2,690.25	4	2,407.96	4	2,125.68	4	1,843.39	4	1,561.10	4	1,278.81	4	996.95	4	715.29	4	433.25	4	154.04	4	0.47
1/4		1/4	4,079.47	1/4	3,813.52	1/4	3,531.23	1/4	3,248.95	1/4	2,966.66	1/4	2,684.37	1/4	2,402.08	1/4	2,119.79	1/4	1,837.51	1/4	1,555.22	1/4	1,272.93	1/4	991.08	1/4	709.42	1/4	427.37	1/4	148.34	1/4	0.43
1/2		1/2	4,075.87	1/2	3,807.64	1/2	3,525.35	1/2	3,243.07	1/2	2,960.78	1/2	2,678.49	1/2	2,396.20	1/2	2,113.91	1/2	1,831.63	1/2	1,549.34	1/2	1,267.05	1/2	985.22	1/2	703.55	1/2	421.49	1/2	142.64	1/2	0.39
3/4		3/4	4,072.28	3/4	3,801.76	3/4	3,519.47	3/4	3,237.18	3/4	2,954.90	3/4	2,672.61	3/4	2,390.32	3/4	2,108.03	3/4	1,825.74	3/4	1,543.46	3/4	1,261.17	3/4	979.35	3/4	697.68	3/4	415.60	3/4	136.94	3/4	0.34
5		5	4,068.03	5	3,795.88	5	3,513.59	5	3,231.30	5	2,949.02	5	2,666.73	5	2,384.44	5	2,102.15	5	1,819.86	5	1,537.58	5	1,255.29	5	973.48	5	691.82	5	409.72	5	131.24	5	0.30
1/4		1/4	4,063.79	1/4	3,790.00	1/4	3,507.71	1/4	3,225.42	1/4	2,943.13	1/4	2,660.85	1/4	2,378.56	1/4	2,096.27	1/4	1,813.98	1/4	1,531.69	1/4	1,249.41	1/4	967.61	1/4	685.95	1/4	403.84	1/4	125.54	1/4	0.26
1/2		1/2	4,059.54	1/2	3,784.12	1/2	3,501.83	1/2	3,219.54	1/2	2,937.25	1/2	2,654.97	1/2	2,372.68	1/2	2,090.39	1/2	1,808.10	1/2	1,525.81	1/2	1,243.53	1/2	961.74	1/2	680.08	1/2	397.96	1/2	119.84	1/2	0.22
3/4		3/4	4,055.29	3/4	3,778.24	3/4	3,495.95	3/4	3,213.66	3/4	2,931.37	3/4	2,649.08	3/4	2,366.80	3/4	2,084.51	3/4	1,802.22	3/4	1,519.93	3/4	1,237.64	3/4	955.88	3/4	674.21	3/4	392.08	3/4	114.14	3/4	0.17
6		6	4,050.39	6	3,772.36	6	3,490.07	6	3,207.78	6	2,925.49	6	2,643.20	6	2,360.92	6	2,078.63	6	1,796.34	6	1,514.05	6	1,231.76	6	950.01	6	668.34	6	386.20	6	108.44	6	0.13
1/4		1/4	4,045.49	1/4	3,766.47	1/4	3,484.19	1/4	3,201.90	1/4	2,919.61	1/4	2,637.32	1/4	2,355.03	1/4	2,072.75	1/4	1,790.46	1/4	1,508.17	1/4	1,225.88	1/4	944.14	1/4	662.48	1/4	380.32	1/4	102.74	1/4	0.09
1/2		1/2	4,040.59	1/2	3,760.59	1/2	3,478.31	1/2	3,196.02	1/2	2,913.73	1/2	2,631.44	1/2	2,349.15	1/2	2,066.87	1/2	1,784.58	1/2	1,502.29	1/2	1,220.00	1/2	938.27	1/2	656.61	1/2	374.44	1/2	97.04	1/2	0.04
3/4		3/4	4,035.69	3/4	3,754.71	3/4	3,472.42	3/4	3,190.14	3/4	2,907.85	3/4	2,625.56	3/4	2,343.27	3/4	2,060.98	3/4	1,778.70	3/4	1,496.41	3/4	1,214.12	3/4	932.40	3/4	650.74	3/4	368.56	3/4	91.34	3/4	0.00
7		7	4,030.14	7	3,748.83	7	3,466.54	7	3,184.26	7	2,901.97	7	2,619.68	7	2,337.39	7	2,055.10	7	1,772.82	7	1,490.53	7	1,208.24	7	926.54	7	644.87	7	362.68	7	85.64	7	
1/4		1/4	4,024.58	1/4	3,742.95	1/4	3,460.66	1/4	3,178.37	1/4	2,896.09	1/4	2,613.80	1/4	2,331.51	1/4	2,049.22	1/4	1,766.93	1/4	1,484.65	1/4	1,202.36	1/4	920.67	1/4	639.00	1/4	356.79	1/4	79.94	1/4	
1/2		1/2	4,019.03	1/2	3,737.07	1/2	3,454.78	1/2	3,172.49	1/2	2,890.21	1/2	2,607.92	1/2	2,325.63	1/2	2,043.34	1/2	1,761.05	1/2	1,478.77	1/2	1,196.48	1/2	914.80	1/2	633.14	1/2	350.91	1/2	74.24	1/2	
3/4		3/4	4,013.48	3/4	3,731.19	3/4	3,448.90	3/4	3,166.61	3/4	2,884.32	3/4	2,602.04	3/4	2,319.75	3/4	2,037.46	3/4	1,755.17	3/4	1,472.88	3/4	1,190.60	3/4									



BARGE "GRIFCO 3000" GRIFCO TRANSPORTATION COMPANY

TANK NO. 3 STAR

OUTAGE TABLE

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

HULL NO. 2140-1

IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.
0		0	4,118.34	0	3,925.26	0	3,642.97	0	3,360.69	0	3,078.40	0	2,796.11	0	2,513.82	0	2,231.53	0	1,949.25	0	1,666.96	0	1,384.67	0	1,102.58	0	820.91	0	539.11	0	256.82	0	10.97
1/4	1/4	1/4	4,118.02	1/4	3,919.38	1/4	3,637.09	1/4	3,354.80	1/4	3,072.52	1/4	2,790.23	1/4	2,507.94	1/4	2,225.65	1/4	1,943.36	1/4	1,661.08	1/4	1,378.79	1/4	1,096.71	1/4	815.04	1/4	533.22	1/4	250.94	1/4	8.70
1/2	1/2	1/2	4,117.04	1/2	3,913.50	1/2	3,631.21	1/2	3,348.92	1/2	3,066.64	1/2	2,784.35	1/2	2,502.06	1/2	2,219.77	1/2	1,937.48	1/2	1,655.20	1/2	1,372.91	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	3/4	4,116.06	3/4	3,907.62	3/4	3,625.33	3/4	3,343.04	3/4	3,060.75	3/4	2,778.47	3/4	2,496.18	3/4	2,213.89	3/4	1,931.60	3/4	1,649.31	3/4	1,367.02	3/4	1,084.97	3/4	803.31	3/4	521.46	3/4	239.54	3/4	5.76
1	1	1	4,115.08	1	3,901.74	1	3,619.45	1	3,337.16	1	3,054.87	1	2,772.59	1	2,490.30	1	2,208.01	1	1,925.72	1	1,643.43	1	1,361.15	1	1,079.40	1	797.44	1	515.58	1	233.84	1	4.29
1/4	1/4	1/4	4,114.10	1/4	3,895.86	1/4	3,613.57	1/4	3,331.28	1/4	3,048.99	1/4	2,766.70	1/4	2,484.42	1/4	2,202.13	1/4	1,919.84	1/4	1,637.55	1/4	1,355.26	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	1/2	4,112.46	1/2	3,889.98	1/2	3,607.69	1/2	3,325.40	1/2	3,043.11	1/2	2,760.82	1/2	2,478.54	1/2	2,196.25	1/2	1,913.96	1/2	1,631.67	1/2	1,349.38	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	3/4	4,110.83	3/4	3,884.09	3/4	3,601.81	3/4	3,319.52	3/4	3,037.23	3/4	2,754.94	3/4	2,472.65	3/4	2,190.37	3/4	1,908.08	3/4	1,625.79	3/4	1,343.50	3/4	1,061.50	3/4	779.84	3/4	497.94	3/4	216.74	3/4	1.84
2	2	2	4,109.20	2	3,878.21	2	3,595.93	2	3,313.64	2	3,031.35	2	2,749.06	2	2,466.77	2	2,184.49	2	1,902.20	2	1,619.91	2	1,337.62	2	1,055.63	2	773.97	2	492.06	2	211.04	2	1.35
1/4	1/4	1/4	4,107.56	1/4	3,872.33	1/4	3,590.04	1/4	3,307.76	1/4	3,025.47	1/4	2,743.18	1/4	2,460.89	1/4	2,178.60	1/4	1,896.32	1/4	1,614.03	1/4	1,331.74	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	1/2	4,105.28	1/2	3,866.45	1/2	3,584.16	1/2	3,301.88	1/2	3,019.59	1/2	2,737.30	1/2	2,455.01	1/2	2,172.72	1/2	1,890.44	1/2	1,608.15	1/2	1,325.86	1/2	1,043.90	1/2	762.23	1/2	480.30	1/2	199.64	1/2	0.82
3/4	3/4	3/4	4,102.99	3/4	3,860.57	3/4	3,578.28	3/4	3,295.99	3/4	3,013.71	3/4	2,731.42	3/4	2,449.13	3/4	2,166.84	3/4	1,884.55	3/4	1,602.27	3/4	1,319.98	3/4	1,038.03	3/4	756.36	3/4	474.41	3/4	193.94	3/4	0.77
3	3	3	4,100.70	3	3,854.69	3	3,572.40	3	3,290.11	3	3,007.83	3	2,725.54	3	2,443.25	3	2,160.96	3	1,878.67	3	1,596.39	3	1,314.10	3	1,032.16	3	750.50	3	468.53	3	188.24	3	0.73
1/4	1/4	1/4	4,098.42	1/4	3,848.81	1/4	3,566.52	1/4	3,284.23	1/4	3,001.94	1/4	2,719.66	1/4	2,437.37	1/4	2,155.08	1/4	1,872.79	1/4	1,590.50	1/4	1,308.22	1/4	1,026.29	1/4	744.63	1/4	462.65	1/4	182.54	1/4	0.69
1/2	1/2	1/2	4,095.48	1/2	3,842.93	1/2	3,560.64	1/2	3,278.35	1/2	2,996.06	1/2	2,713.78	1/2	2,431.49	1/2	2,149.20	1/2	1,866.91	1/2	1,584.62	1/2	1,302.34	1/2	1,020.42	1/2	738.76	1/2	456.77	1/2	176.84	1/2	0.65
3/4	3/4	3/4	4,092.54	3/4	3,837.05	3/4	3,554.76	3/4	3,272.47	3/4	2,990.18	3/4	2,707.89	3/4	2,425.61	3/4	2,143.32	3/4	1,861.03	3/4	1,578.74	3/4	1,296.45	3/4	1,014.56	3/4	732.89	3/4	450.89	3/4	171.14	3/4	0.60
4	4	4	4,089.60	4	3,831.17	4	3,548.88	4	3,266.59	4	2,984.30	4	2,702.01	4	2,419.73	4	2,137.44	4	1,855.15	4	1,572.86	4	1,290.57	4	1,008.69	4	727.02	4	445.01	4	165.44	4	0.56
1/4	1/4	1/4	4,086.66	1/4	3,825.28	1/4	3,543.00	1/4	3,260.71	1/4	2,978.42	1/4	2,696.13	1/4	2,413.84	1/4	2,131.56	1/4	1,849.27	1/4	1,566.98	1/4	1,284.69	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	1/2	4,083.06	1/2	3,819.40	1/2	3,537.12	1/2	3,254.83	1/2	2,972.54	1/2	2,690.25	1/2	2,407.96	1/2	2,125.68	1/2	1,843.39	1/2	1,561.10	1/2	1,278.81	1/2	996.95	1/2	715.29	1/2	433.25	1/2	154.04	1/2	0.47
3/4	3/4	3/4	4,079.47	3/4	3,813.52	3/4	3,531.23	3/4	3,248.95	3/4	2,966.66	3/4	2,684.37	3/4	2,402.08	3/4	2,119.79	3/4	1,837.51	3/4	1,555.22	3/4	1,272.93	3/4	991.08	3/4	709.42	3/4	427.37	3/4	148.34	3/4	0.43
5	5	5	4,075.87	5	3,807.64	5	3,525.35	5	3,243.07	5	2,960.78	5	2,678.49	5	2,396.20	5	2,113.91	5	1,831.63	5	1,549.34	5	1,267.05	5	985.22	5	703.55	5	421.49	5	142.64	5	0.39
1/4	1/4	1/4	4,072.28	1/4	3,801.76	1/4	3,519.47	1/4	3,237.18	1/4	2,954.90	1/4	2,672.61	1/4	2,390.32	1/4	2,108.03	1/4	1,825.74	1/4	1,543.46	1/4	1,261.17	1/4	979.35	1/4	697.68	1/4	415.60	1/4	136.94	1/4	0.34
1/2	1/2	1/2	4,068.03	1/2	3,795.88	1/2	3,513.59	1/2	3,231.30	1/2	2,949.02	1/2	2,666.73	1/2	2,384.44	1/2	2,102.15	1/2	1,819.86	1/2	1,537.58	1/2	1,255.29	1/2	973.48	1/2	691.82	1/2	409.72	1/2	131.24	1/2	0.30
3/4	3/4	3/4	4,063.79	3/4	3,790.00	3/4	3,507.71	3/4	3,225.42	3/4	2,943.13	3/4	2,660.85	3/4	2,378.56	3/4	2,096.27	3/4	1,813.98	3/4	1,531.69	3/4	1,249.41	3/4	967.61	3/4	685.95	3/4	403.84	3/4	125.54	3/4	0.26
6	6	6	4,059.54	6	3,784.12	6	3,501.83	6	3,219.54	6	2,937.25	6	2,654.97	6	2,372.68	6	2,090.39	6	1,808.10	6	1,525.81	6	1,243.53	6	961.74	6	680.08	6	397.96	6	119.84	6	0.22
1/4	1/4	1/4	4,055.29	1/4	3,778.24	1/4	3,495.95	1/4	3,213.66	1/4	2,931.37	1/4	2,649.08	1/4	2,366.80	1/4	2,084.51	1/4	1,802.22	1/4	1,519.93	1/4	1,237.64	1/4	955.88	1/4	674.21	1/4	392.08	1/4	114.14	1/4	0.17
1/2	1/2	1/2	4,050.39	1/2	3,772.36	1/2	3,490.07	1/2	3,207.78	1/2	2,925.49	1/2	2,643.20	1/2	2,360.92	1/2	2,078.63	1/2	1,796.34	1/2	1,514.05	1/2	1,231.76	1/2	950.01	1/2	668.34	1/2	386.20	1/2	108.44	1/2	0.13
3/4	3/4	3/4	4,045.49	3/4	3,766.47	3/4	3,484.19	3/4	3,201.90	3/4	2,919.61	3/4	2,637.32	3/4	2,355.03	3/4	2,072.75	3/4	1,790.46	3/4	1,508.17	3/4	1,225.88	3/4	944.14	3/4	662.48	3/4	380.32	3/4	102.74	3/4	0.09
7	7	7	4,040.59	7	3,760.59	7	3,478.31	7	3,196.02	7	2,913.73	7	2,631.44	7	2,349.15	7	2,066.87	7	1,784.58	7	1,502.29	7	1,220.00	7	938.27	7	656.61	7	374.44	7	97.04	7	0.04
1/4	1/4	1/4	4,035.69	1/4	3,754.71	1/4	3,472.42	1/4	3,190.14	1/4	2,907.85	1/4	2,625.56	1/4	2,343.27	1/4	2,060.98	1/4	1,778.70	1/4	1,496.41	1/4	1,214.12	1/4	932.40	1/4	650.74	1/4	368.56	1/4	91.34	1/4	0.00
1/2	1/2	1/2	4,030.14	1/2	3,748.83	1/2	3,466.54	1/2	3,184.26	1/2	2,901.97	1/2	2,619.68	1/2	2,337.39	1/2	2,055.10	1/2	1,772.82	1/2	1,490.53	1/2	1,208.24	1/2	926.54	1/2	644.87	1/2	362.68	1/2	85.64	1/2	
3/4	3/4	3/4	4,024.58	3/4	3,742.95	3/4	3,460.66	3/4	3,178.37	3/4	2,896.09	3/4	2,613.80	3/4	2,331.51	3/4	2,049.22	3/4	1,766.93	3/4	1,484.65	3/4	1,202.36	3/4	920.67	3/4	639.00	3/4	356.79	3/4	79.94	3/4	
8	8	8	4,019.03	8	3,737.07	8	3,454.78	8	3,172.49	8	2,890.21	8	2,607.92	8	2,325.63	8	2,043.34	8	1,761.05	8	1,478.77	8	1,196.48	8	914.80	8	633.14	8	350.91	8	74.24	8	
1/4	1/4	1/4	4,013.48	1/4	3,731.19	1/4	3,448.90	1/4	3,166.61	1/4	2,884.32	1/4	2,602.04	1/4	2,319.75	1/4	2,037.46	1/4	1,755.17	1/4	1,472.88	1/4	1,190.60	1/4	908.93	1/4	627.27	1/4	345.03	1/4	68.54	1/4	
1/2	1/2	1/2	4,007.60	1/2	3,725.31	1/2	3,443.02	1/2	3,160.73	1/2	2,878.44	1/2	2,596.16	1/2	2,313.87	1/2	2,031.58	1/2	1,749.29	1/2	1,467.00	1/2	1,184.73	1/2	903.								



BARGE "GRIFCO 3000"
GRIFCO TRANSPORTATION COMPANY

TANK NO.
4 PORT

OUTAGE TABLE

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

HULL NO. 2140-1

Table with columns for 1 FT. to 17 FT. and rows for 0, 1/4, 1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/4, 2 1/2, 3, 3 1/4, 4, 4 1/4, 4 1/2, 5, 5 1/4, 5 1/2, 6, 6 1/4, 6 1/2, 7, 7 1/4, 7 1/2, 8, 8 1/4, 8 1/2, 9, 9 1/4, 9 1/2, 10, 10 1/4, 10 1/2, 11, 11 1/4, 11 1/2, 12, 12 1/4, 12 1/2, 13, 13 1/4, 13 1/2, 14, 14 1/4, 14 1/2, 15, 15 1/4, 15 1/2, 16, 16 1/4, 16 1/2, 17 FT. Values include capacities in barrels of 42 U.S. gallons.

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 5/17/05

REFERENCE GAUGE HEIGHT : 17'-7 1/4" (TO 10" DIAMETER HATCH LOCATED NEAR EXPANSION TRUNK)

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

Handwritten signature

INSPECTORATE AMERICA CORPORATION



BARGE "GRIFCO 3000" GRIFCO TRANSPORTATION COMPANY

TANK NO.
4 STAR

OUTAGE TABLE

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

HULL NO. 2140-1

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	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W
0		0	3,398.86	0	3,342.64	0	3,258.82	0	3,173.39	0	3,063.27	0	2,783.83	0	2,503.36	0	2,222.90	0	1,942.43	0	1,661.97	0	1,381.51	0	1,101.22	0	821.38	0	541.41	0	260.95	0	13.16
1/4		1/4	3,398.76	1/4	3,340.88	1/4	3,256.26	1/4	3,171.63	1/4	3,057.94	1/4	2,777.98	1/4	2,497.52	1/4	2,217.06	1/4	1,936.59	1/4	1,656.13	1/4	1,375.66	1/4	1,095.39	1/4	815.55	1/4	535.57	1/4	255.11	1/4	10.91
1/2		1/2	3,398.66	1/2	3,339.12	1/2	3,254.49	1/2	3,169.87	1/2	3,052.60	1/2	2,772.14	1/2	2,491.68	1/2	2,211.21	1/2	1,930.75	1/2	1,650.28	1/2	1,369.82	1/2	1,089.56	1/2	809.72	1/2	529.73	1/2	249.26	1/2	8.65
3/4		3/4	3,398.37	3/4	3,337.35	3/4	3,252.73	3/4	3,168.11	3/4	3,046.76	3/4	2,766.30	3/4	2,485.33	3/4	2,205.37	3/4	1,924.91	3/4	1,644.44	3/4	1,363.98	3/4	1,083.73	3/4	803.89	3/4	523.89	3/4	243.60	3/4	7.19
1		1	3,398.08	1	3,335.59	1	3,250.97	1	3,166.34	1	3,040.92	1	2,760.45	1	2,479.99	1	2,199.53	1	1,919.06	1	1,638.60	1	1,358.13	1	1,077.90	1	796.06	1	518.04	1	237.94	1	5.73
1/4		1/4	3,397.78	1/4	3,333.83	1/4	3,249.20	1/4	3,164.58	1/4	3,035.08	1/4	2,754.61	1/4	2,474.15	1/4	2,193.68	1/4	1,913.22	1/4	1,632.76	1/4	1,352.29	1/4	1,072.07	1/4	792.23	1/4	512.20	1/4	232.28	1/4	4.27
1/2		1/2	3,397.49	1/2	3,332.06	1/2	3,247.44	1/2	3,162.82	1/2	3,029.23	1/2	2,748.77	1/2	2,468.30	1/2	2,187.84	1/2	1,907.38	1/2	1,626.91	1/2	1,346.45	1/2	1,066.24	1/2	786.40	1/2	506.36	1/2	226.62	1/2	2.81
3/4		3/4	3,397.00	3/4	3,330.30	3/4	3,245.68	3/4	3,161.05	3/4	3,023.39	3/4	2,742.93	3/4	2,462.46	3/4	2,182.00	3/4	1,901.53	3/4	1,621.07	3/4	1,340.61	3/4	1,060.41	3/4	780.57	3/4	500.51	3/4	220.95	3/4	2.32
2		2	3,396.51	2	3,328.54	2	3,243.91	2	3,159.29	2	3,017.55	2	2,737.08	2	2,456.62	2	2,176.15	2	1,895.69	2	1,615.23	2	1,334.76	2	1,054.58	2	774.74	2	494.67	2	215.29	2	1.83
1/4		1/4	3,396.02	1/4	3,326.78	1/4	3,242.15	1/4	3,157.53	1/4	3,011.70	1/4	2,731.24	1/4	2,450.78	1/4	2,170.31	1/4	1,889.85	1/4	1,609.38	1/4	1,328.92	1/4	1,048.75	1/4	768.91	1/4	488.83	1/4	209.63	1/4	1.35
1/2		1/2	3,395.53	1/2	3,325.01	1/2	3,240.39	1/2	3,155.76	1/2	3,005.86	1/2	2,725.40	1/2	2,444.93	1/2	2,164.47	1/2	1,884.00	1/2	1,603.54	1/2	1,323.08	1/2	1,042.92	1/2	763.08	1/2	482.98	1/2	203.97	1/2	0.86
3/4		3/4	3,394.84	3/4	3,323.25	3/4	3,238.63	3/4	3,154.00	3/4	3,000.02	3/4	2,719.55	3/4	2,439.09	3/4	2,158.63	3/4	1,878.16	3/4	1,597.70	3/4	1,317.23	3/4	1,037.09	3/4	757.25	3/4	477.14	3/4	198.31	3/4	0.82
3		3	3,394.16	3	3,321.49	3	3,236.86	3	3,152.24	3	2,994.17	3	2,713.71	3	2,433.25	3	2,152.78	3	1,872.32	3	1,591.85	3	1,311.39	3	1,031.26	3	751.42	3	471.30	3	192.64	3	0.77
1/4		1/4	3,393.47	1/4	3,319.72	1/4	3,235.10	1/4	3,150.48	1/4	2,988.33	1/4	2,707.87	1/4	2,427.40	1/4	2,146.94	1/4	1,866.48	1/4	1,586.01	1/4	1,305.55	1/4	1,025.43	1/4	745.59	1/4	465.46	1/4	186.98	1/4	0.73
1/2		1/2	3,392.78	1/2	3,317.96	1/2	3,233.34	1/2	3,148.71	1/2	2,982.49	1/2	2,702.02	1/2	2,421.56	1/2	2,141.10	1/2	1,860.63	1/2	1,580.17	1/2	1,299.70	1/2	1,019.60	1/2	739.76	1/2	459.61	1/2	181.32	1/2	0.69
3/4		3/4	3,391.90	3/4	3,316.20	3/4	3,231.57	3/4	3,146.95	3/4	2,976.65	3/4	2,696.18	3/4	2,415.72	3/4	2,135.25	3/4	1,854.79	3/4	1,574.33	3/4	1,293.86	3/4	1,013.77	3/4	733.93	3/4	453.77	3/4	175.66	3/4	0.65
4		4	3,391.02	4	3,314.43	4	3,229.81	4	3,145.19	4	2,970.80	4	2,690.34	4	2,409.87	4	2,129.41	4	1,848.95	4	1,568.48	4	1,288.02	4	1,007.94	4	728.10	4	447.93	4	170.00	4	0.60
1/4		1/4	3,390.14	1/4	3,312.67	1/4	3,228.05	1/4	3,143.42	1/4	2,964.96	1/4	2,684.50	1/4	2,404.03	1/4	2,123.57	1/4	1,843.10	1/4	1,562.64	1/4	1,282.18	1/4	1,002.11	1/4	722.27	1/4	442.08	1/4	164.33	1/4	0.56
1/2		1/2	3,389.26	1/2	3,310.91	1/2	3,226.28	1/2	3,141.66	1/2	2,959.12	1/2	2,678.65	1/2	2,398.19	1/2	2,117.72	1/2	1,837.26	1/2	1,556.80	1/2	1,276.33	1/2	996.28	1/2	716.44	1/2	436.24	1/2	158.67	1/2	0.52
3/4		3/4	3,388.18	3/4	3,309.15	3/4	3,224.52	3/4	3,139.90	3/4	2,953.27	3/4	2,672.81	3/4	2,392.35	3/4	2,111.88	3/4	1,831.42	3/4	1,550.95	3/4	1,270.49	3/4	990.45	3/4	710.61	3/4	430.40	3/4	153.01	3/4	0.47
5		5	3,387.11	5	3,307.38	5	3,222.76	5	3,138.13	5	2,947.43	5	2,666.97	5	2,386.50	5	2,106.04	5	1,825.57	5	1,545.11	5	1,264.65	5	984.62	5	704.78	5	424.55	5	147.35	5	0.43
1/4		1/4	3,386.03	1/4	3,305.62	1/4	3,221.00	1/4	3,136.37	1/4	2,941.59	1/4	2,661.12	1/4	2,380.66	1/4	2,100.20	1/4	1,819.73	1/4	1,539.27	1/4	1,258.80	1/4	978.79	1/4	698.95	1/4	418.71	1/4	141.69	1/4	0.39
1/2		1/2	3,384.95	1/2	3,303.86	1/2	3,219.23	1/2	3,134.61	1/2	2,935.74	1/2	2,655.28	1/2	2,374.82	1/2	2,094.35	1/2	1,813.89	1/2	1,533.42	1/2	1,252.96	1/2	972.96	1/2	693.12	1/2	412.87	1/2	136.02	1/2	0.34
3/4		3/4	3,383.68	3/4	3,302.09	3/4	3,217.47	3/4	3,132.85	3/4	2,929.90	3/4	2,649.44	3/4	2,368.97	3/4	2,088.51	3/4	1,808.05	3/4	1,527.58	3/4	1,247.12	3/4	967.13	3/4	687.29	3/4	407.03	3/4	130.36	3/4	0.30
6		6	3,382.41	6	3,300.33	6	3,215.71	6	3,131.08	6	2,924.06	6	2,643.59	6	2,363.13	6	2,082.67	6	1,802.20	6	1,521.74	6	1,241.27	6	961.30	6	681.46	6	401.18	6	124.70	6	0.26
1/4		1/4	3,381.13	1/4	3,298.57	1/4	3,213.94	1/4	3,129.32	1/4	2,918.22	1/4	2,637.75	1/4	2,357.29	1/4	2,076.82	1/4	1,796.36	1/4	1,515.90	1/4	1,235.43	1/4	955.47	1/4	675.63	1/4	395.34	1/4	119.04	1/4	0.22
1/2		1/2	3,379.86	1/2	3,296.80	1/2	3,212.18	1/2	3,127.56	1/2	2,912.37	1/2	2,631.91	1/2	2,351.44	1/2	2,070.98	1/2	1,790.52	1/2	1,510.05	1/2	1,229.59	1/2	949.64	1/2	669.80	1/2	389.50	1/2	113.38	1/2	0.17
3/4		3/4	3,378.39	3/4	3,295.04	3/4	3,210.42	3/4	3,125.79	3/4	2,906.53	3/4	2,626.07	3/4	2,345.60	3/4	2,065.14	3/4	1,784.67	3/4	1,504.21	3/4	1,223.75	3/4	948.81	3/4	663.97	3/4	383.65	3/4	107.71	3/4	0.13
7		7	3,376.92	7	3,293.28	7	3,208.65	7	3,124.03	7	2,900.69	7	2,620.22	7	2,339.76	7	2,059.29	7	1,778.83	7	1,498.37	7	1,217.90	7	937.98	7	658.14	7	377.81	7	102.05	7	0.09
1/4		1/4	3,375.45	1/4	3,291.52	1/4	3,206.89	1/4	3,122.27	1/4	2,894.84	1/4	2,614.38	1/4	2,333.92	1/4	2,053.45	1/4	1,772.99	1/4	1,492.52	1/4	1,212.06	1/4	932.15	1/4	652.31	1/4	371.97	1/4	96.39	1/4	0.04
1/2		1/2	3,373.98	1/2	3,289.75	1/2	3,205.13	1/2	3,120.50	1/2	2,889.00	1/2	2,608.54	1/2	2,328.07	1/2	2,047.61	1/2	1,767.14	1/2	1,486.68	1/2	1,206.22	1/2	926.32	1/2	646.48	1/2	366.12	1/2	90.73	1/2	0.00
3/4		3/4	3,372.32	3/4	3,287.99	3/4	3,203.37	3/4	3,118.74	3/4	2,883.16	3/4	2,602.69	3/4	2,322.23	3/4	2,041.77	3/4	1,761.30	3/4	1,480.84	3/4	1,200.37	3/4	920.49	3/4	640.65	3/4	360.28	3/4	85.07	3/4	
8		8	3,370.65	8	3,286.23	8	3,201.60	8	3,116.98	8	2,877.31	8	2,596.85	8	2,316.39	8	2,035.92	8	1,755.46	8	1,474.99	8	1,194.53	8	914.66	8	634.82	8	354.44	8	79.40		