



INSPECTORATE

BARGE "CTCo-358"

CENAC TOWING COMPANY

HULL NO. 160

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.
0'-6"	(+) 0'-0 1/8"	(-) 0'-0 1/8"	(+) 0'-0 1/2"
1'-0"	(+) 0'-0 1/4"	(-) 0'-0 1/4"	(+) 0'-1"
1'-6"	(+) 0'-0 3/8"	(-) 0'-0 3/8"	(+) 0'-1 1/2"
2'-0"	(+) 0'-0 1/2"	(-) 0'-0 1/2"	(+) 0'-2"
2'-6"	(+) 0'-0 5/8"	(-) 0'-0 5/8"	(+) 0'-2 3/8"
3'-0"	(+) 0'-0 3/4"	(-) 0'-0 3/4"	(+) 0'-2 7/8"
3'-6"	(+) 0'-0 7/8"	(-) 0'-0 3/4"	(+) 0'-3 3/8"
4'-0"	(+) 0'-1 1/8"	(-) 0'-0 7/8"	(+) 0'-3 7/8"
4'-6"	(+) 0'-1 1/4"	(-) 0'-1"	(+) 0'-4 3/8"
5'-0"	(+) 0'-1 3/8"	(-) 0'-1 1/8"	(+) 0'-4 7/8"

NOTE: FOR TRIM FWD., REVERSE SIGNS.

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

NOTE: FOR "OUTAGE" GAUGES, REVERSE SIGNS.

DATE: 1/24/06

BY:

INSPECTORATE AMERICA CORPORATION



ISO 9002 ACCREDITED

BARGE "CTCO-358"
CENAC TOWING COMPANY

INNAGE TABLE

1 PORT OR STAR

HULL NO 190

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

IN	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.
11	528.63	528.63	528.63	528.63	528.63	528.63	528.63	528.63	528.63	528.63	528.63	528.63	528.63	528.63	528.63
10	228.65	228.65	228.65	228.65	228.65	228.65	228.65	228.65	228.65	228.65	228.65	228.65	228.65	228.65	228.65
9	189.94	189.94	189.94	189.94	189.94	189.94	189.94	189.94	189.94	189.94	189.94	189.94	189.94	189.94	189.94
8	168.28	168.28	168.28	168.28	168.28	168.28	168.28	168.28	168.28	168.28	168.28	168.28	168.28	168.28	168.28
7	146.61	146.61	146.61	146.61	146.61	146.61	146.61	146.61	146.61	146.61	146.61	146.61	146.61	146.61	146.61
6	125.03	125.03	125.03	125.03	125.03	125.03	125.03	125.03	125.03	125.03	125.03	125.03	125.03	125.03	125.03
5	103.29	103.29	103.29	103.29	103.29	103.29	103.29	103.29	103.29	103.29	103.29	103.29	103.29	103.29	103.29
4	81.62	81.62	81.62	81.62	81.62	81.62	81.62	81.62	81.62	81.62	81.62	81.62	81.62	81.62	81.62
3	60.56	60.56	60.56	60.56	60.56	60.56	60.56	60.56	60.56	60.56	60.56	60.56	60.56	60.56	60.56
2	40.51	40.51	40.51	40.51	40.51	40.51	40.51	40.51	40.51	40.51	40.51	40.51	40.51	40.51	40.51
1	24.16	24.16	24.16	24.16	24.16	24.16	24.16	24.16	24.16	24.16	24.16	24.16	24.16	24.16	24.16
0	12.04	12.04	12.04	12.04	12.04	12.04	12.04	12.04	12.04	12.04	12.04	12.04	12.04	12.04	12.04
11	234.27	234.27	234.27	234.27	234.27	234.27	234.27	234.27	234.27	234.27	234.27	234.27	234.27	234.27	234.27
10	211.81	211.81	211.81	211.81	211.81	211.81	211.81	211.81	211.81	211.81	211.81	211.81	211.81	211.81	211.81
9	189.94	189.94	189.94	189.94	189.94	189.94	189.94	189.94	189.94	189.94	189.94	189.94	189.94	189.94	189.94
8	168.28	168.28	168.28	168.28	168.28	168.28	168.28	168.28	168.28	168.28	168.28	168.28	168.28	168.28	168.28
7	146.61	146.61	146.61	146.61	146.61	146.61	146.61	146.61	146.61	146.61	146.61	146.61	146.61	146.61	146.61
6	125.03	125.03	125.03	125.03	125.03	125.03	125.03	125.03	125.03	125.03	125.03	125.03	125.03	125.03	125.03
5	103.29	103.29	103.29	103.29	103.29	103.29	103.29	103.29	103.29	103.29	103.29	103.29	103.29	103.29	103.29
4	81.62	81.62	81.62	81.62	81.62	81.62	81.62	81.62	81.62	81.62	81.62	81.62	81.62	81.62	81.62
3	60.56	60.56	60.56	60.56	60.56	60.56	60.56	60.56	60.56	60.56	60.56	60.56	60.56	60.56	60.56
2	40.51	40.51	40.51	40.51	40.51	40.51	40.51	40.51	40.51	40.51	40.51	40.51	40.51	40.51	40.51
1	24.16	24.16	24.16	24.16	24.16	24.16	24.16	24.16	24.16	24.16	24.16	24.16	24.16	24.16	24.16
0	12.04	12.04	12.04	12.04	12.04	12.04	12.04	12.04	12.04	12.04	12.04	12.04	12.04	12.04	12.04

* CAPACITY BELOW STRIKE POINT

PORT REFERENCE GAUGE HEIGHT

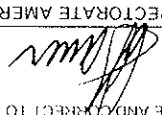
STAR REFERENCE GAUGE HEIGHT

14-5 1/4" (TO RIM OF 2" DIAMETER STANDPIPE)
 LOCATED NEAR CENTER OF TANK

14-5 1/2" (TO RIM OF 2" DIAMETER STANDPIPE)
 LOCATED NEAR CENTER OF TANK

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

INSPECTORATE AMERICA CORPORATION



STRAPPED: 1/24/06

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS



BARGE "CTCO-358"

3 PORT OR STAR

INNAGE TABLE

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

IN	0	1	2	3	4	5	6	7	8	9	10	11	12	13 FT.	14 FT.
0 FT.	358.74	378.79	396.29	411.81	426.74	440.25	452.53	463.81	474.12	483.56	492.12	499.81	506.63	512.58	517.67
1 FT.	358.74	378.79	396.29	411.81	426.74	440.25	452.53	463.81	474.12	483.56	492.12	499.81	506.63	512.58	517.67
2 FT.	358.74	378.79	396.29	411.81	426.74	440.25	452.53	463.81	474.12	483.56	492.12	499.81	506.63	512.58	517.67
3 FT.	358.74	378.79	396.29	411.81	426.74	440.25	452.53	463.81	474.12	483.56	492.12	499.81	506.63	512.58	517.67
4 FT.	358.74	378.79	396.29	411.81	426.74	440.25	452.53	463.81	474.12	483.56	492.12	499.81	506.63	512.58	517.67
5 FT.	358.74	378.79	396.29	411.81	426.74	440.25	452.53	463.81	474.12	483.56	492.12	499.81	506.63	512.58	517.67
6 FT.	358.74	378.79	396.29	411.81	426.74	440.25	452.53	463.81	474.12	483.56	492.12	499.81	506.63	512.58	517.67
7 FT.	358.74	378.79	396.29	411.81	426.74	440.25	452.53	463.81	474.12	483.56	492.12	499.81	506.63	512.58	517.67
8 FT.	358.74	378.79	396.29	411.81	426.74	440.25	452.53	463.81	474.12	483.56	492.12	499.81	506.63	512.58	517.67
9 FT.	358.74	378.79	396.29	411.81	426.74	440.25	452.53	463.81	474.12	483.56	492.12	499.81	506.63	512.58	517.67
10 FT.	358.74	378.79	396.29	411.81	426.74	440.25	452.53	463.81	474.12	483.56	492.12	499.81	506.63	512.58	517.67
11 FT.	358.74	378.79	396.29	411.81	426.74	440.25	452.53	463.81	474.12	483.56	492.12	499.81	506.63	512.58	517.67
12 FT.	358.74	378.79	396.29	411.81	426.74	440.25	452.53	463.81	474.12	483.56	492.12	499.81	506.63	512.58	517.67
13 FT.	358.74	378.79	396.29	411.81	426.74	440.25	452.53	463.81	474.12	483.56	492.12	499.81	506.63	512.58	517.67
14 FT.	358.74	378.79	396.29	411.81	426.74	440.25	452.53	463.81	474.12	483.56	492.12	499.81	506.63	512.58	517.67

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

REFERENCE GAUGE HEIGHT 14'-5 1/4" (TO RIM OF 2" DIAMETER STANDPIPE LOCATED NEAR CENTER OF TANK)

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

[Signature]

INSPECTORATE AMERICA CORPORATION



BARGE "CTC-358"
CENAC TOWING COMPANY

OUTAGE TABLE

1 PORT

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

HULL NO. 160

Table with columns for height (0 FT. to 14 FT.) and rows for gauge readings (0, 1/4, 1/2, 3/4) at each height. The table contains capacity values in barrels of 42 U.S. gallons.

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 1/24/06

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 14'-10 3/4" (TO RIM OF 2" DIAMETER BALL VALVE)

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 "CTC-358" CENAC TOWING COMPANY OUTAGE TABLE

1 STAR

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

HULL NO. 160

0 FT.		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.	
	0	4,365.48	0	4,081.66	0	3,773.37	0	3,454.57	0	3,125.14	0	2,791.83	0	2,458.52	0	2,125.21	0	1,791.89	0	1,458.58	0	1,127.59	0	812.50	0	516.60	0	239.89	
1/4	1/4	4,362.21	1/4	4,075.33	1/4	3,766.82	1/4	3,447.79	1/4	3,118.20	1/4	2,784.89	1/4	2,451.57	1/4	2,118.26	1/4	1,784.95	1/4	1,451.64	1/4	1,120.78	1/4	806.08	1/4	510.59	1/4	234.27	
1/2	1/2	4,358.93	1/2	4,068.99	1/2	3,760.27	1/2	3,441.01	1/2	3,111.25	1/2	2,777.94	1/2	2,444.63	1/2	2,111.32	1/2	1,778.01	1/2	1,444.69	1/2	1,113.96	1/2	799.67	1/2	504.57	1/2	228.65	
3/4	3/4	4,355.66	3/4	4,062.66	3/4	3,753.71	3/4	3,434.24	3/4	3,104.31	3/4	2,771.00	3/4	2,437.69	3/4	2,104.37	3/4	1,771.06	3/4	1,437.75	3/4	1,107.15	3/4	793.25	3/4	498.56	3/4	223.04	
	1	4,350.93	1	4,056.33	1	3,747.16	1	3,427.46	1	3,097.37	1	2,764.05	1	2,430.74	1	2,097.43	1	1,764.12	1	1,430.81	1	1,100.33	1	786.84	1	492.54	1	217.42	
1/4	1/4	4,346.20	1/4	4,050.00	1/4	3,740.60	1/4	3,420.69	1/4	3,090.42	1/4	2,757.11	1/4	2,423.80	1/4	2,090.49	1/4	1,757.17	1/4	1,423.86	1/4	1,093.52	1/4	780.42	1/4	486.53	1/4	211.81	
1/2	1/2	4,341.47	1/2	4,043.66	1/2	3,734.05	1/2	3,413.91	1/2	3,083.48	1/2	2,750.17	1/2	2,416.85	1/2	2,083.54	1/2	1,750.23	1/2	1,416.92	1/2	1,086.70	1/2	774.01	1/2	480.51	1/2	206.19	
3/4	3/4	4,336.74	3/4	4,037.33	3/4	3,727.49	3/4	3,407.13	3/4	3,076.53	3/4	2,743.22	3/4	2,409.91	3/4	2,076.60	3/4	1,743.29	3/4	1,409.97	3/4	1,080.09	3/4	767.79	3/4	474.70	3/4	200.77	
	2	4,330.55	2	4,031.00	2	3,720.94	2	3,400.36	2	3,069.59	2	2,736.28	2	2,402.97	2	2,069.65	2	1,736.34	2	1,403.03	2	1,073.47	2	761.58	2	468.88	2	195.36	
1/4	1/4	4,324.37	1/4	4,024.66	1/4	3,714.38	1/4	3,393.58	1/4	3,062.65	1/4	2,729.33	1/4	2,396.02	1/4	2,062.71	1/4	1,729.40	1/4	1,396.09	1/4	1,066.86	1/4	755.36	1/4	463.07	1/4	189.94	
1/2	1/2	4,318.18	1/2	4,018.33	1/2	3,707.83	1/2	3,386.81	1/2	3,055.70	1/2	2,722.39	1/2	2,389.08	1/2	2,055.77	1/2	1,722.45	1/2	1,389.14	1/2	1,060.25	1/2	749.15	1/2	457.25	1/2	184.53	
3/4	3/4	4,312.00	3/4	4,012.00	3/4	3,701.27	3/4	3,380.03	3/4	3,048.76	3/4	2,715.45	3/4	2,382.13	3/4	2,048.82	3/4	1,715.51	3/4	1,382.20	3/4	1,053.63	3/4	742.94	3/4	451.44	3/4	179.11	
	3	4,305.83	3	4,005.61	3	3,694.66	3	3,373.20	3	3,041.81	3	2,708.50	3	2,375.19	3	2,041.88	3	1,708.57	3	1,375.25	3	1,047.02	3	736.72	3	445.63	3	173.69	
1/4	1/4	4,299.66	1/4	3,999.22	1/4	3,688.05	1/4	3,366.37	1/4	3,034.87	1/4	2,701.56	1/4	2,368.25	1/4	2,034.93	1/4	1,701.62	1/4	1,368.31	1/4	1,040.40	1/4	730.51	1/4	439.81	1/4	168.28	
1/2	1/2	4,293.50	1/2	3,992.83	1/2	3,681.44	1/2	3,359.53	1/2	3,027.93	1/2	2,694.61	1/2	2,361.30	1/2	2,027.99	1/2	1,694.68	1/2	1,361.37	1/2	1,033.79	1/2	724.29	1/2	434.00	1/2	162.86	
3/4	3/4	4,287.33	3/4	3,986.45	3/4	3,674.83	3/4	3,352.70	3/4	3,020.98	3/4	2,687.67	3/4	2,354.36	3/4	2,021.05	3/4	1,687.73	3/4	1,354.42	3/4	1,027.18	3/4	718.08	3/4	428.18	3/4	157.45	
	4	4,281.16	4	3,980.06	4	3,668.23	4	3,345.87	4	3,014.04	4	2,680.73	4	2,347.41	4	2,014.10	4	1,680.79	4	1,347.48	4	1,020.56	4	711.87	4	422.37	4	152.03	
1/4	1/4	4,275.00	1/4	3,973.67	1/4	3,661.62	1/4	3,339.04	1/4	3,007.09	1/4	2,673.78	1/4	2,340.47	1/4	2,007.16	1/4	1,673.85	1/4	1,340.53	1/4	1,013.95	1/4	705.65	1/4	416.56	1/4	146.61	
1/2	1/2	4,268.83	1/2	3,967.28	1/2	3,655.01	1/2	3,332.21	1/2	3,000.15	1/2	2,666.84	1/2	2,333.53	1/2	2,000.21	1/2	1,666.90	1/2	1,333.59	1/2	1,007.33	1/2	699.44	1/2	410.74	1/2	141.20	
3/4	3/4	4,262.66	3/4	3,960.89	3/4	3,648.40	3/4	3,325.37	3/4	2,993.21	3/4	2,659.89	3/4	2,326.58	3/4	1,993.27	3/4	1,659.96	3/4	1,326.65	3/4	1,000.72	3/4	693.22	3/4	404.93	3/4	135.78	
	5	4,256.50	5	3,954.51	5	3,641.79	5	3,318.54	5	2,986.26	5	2,652.95	5	2,319.64	5	1,986.33	5	1,653.01	5	1,319.70	5	994.11	5	687.01	5	399.11	5	130.37	
1/4	1/4	4,250.33	1/4	3,948.12	1/4	3,635.18	1/4	3,311.71	1/4	2,979.32	1/4	2,646.01	1/4	2,312.69	1/4	1,979.38	1/4	1,646.07	1/4	1,312.76	1/4	987.49	1/4	680.80	1/4	393.30	1/4	124.95	
1/2	1/2	4,244.16	1/2	3,941.73	1/2	3,628.57	1/2	3,304.88	1/2	2,972.37	1/2	2,639.06	1/2	2,305.75	1/2	1,972.44	1/2	1,639.13	1/2	1,305.81	1/2	980.88	1/2	674.58	1/2	387.49	1/2	119.53	
3/4	3/4	4,237.99	3/4	3,935.34	3/4	3,621.96	3/4	3,298.05	3/4	2,965.43	3/4	2,632.12	3/4	2,298.81	3/4	1,965.49	3/4	1,632.18	3/4	1,298.87	3/4	974.26	3/4	668.37	3/4	381.67	3/4	114.12	
	6	4,231.77	6	3,928.90	6	3,615.30	6	3,291.16	6	2,958.49	6	2,625.17	6	2,291.86	6	1,958.55	6	1,625.24	6	1,291.93	6	967.65	6	662.15	6	375.86	6	108.70	
1/4	1/4	4,225.55	1/4	3,922.46	1/4	3,608.63	1/4	3,284.27	1/4	2,951.54	1/4	2,618.23	1/4	2,284.92	1/4	1,951.61	1/4	1,618.29	1/4	1,284.98	1/4	961.04	1/4	655.94	1/4	370.04	1/4	103.29	
1/2	1/2	4,219.33	1/2	3,916.01	1/2	3,601.97	1/2	3,277.39	1/2	2,944.60	1/2	2,611.29	1/2	2,277.97	1/2	1,944.66	1/2	1,611.35	1/2	1,278.04	1/2	954.42	1/2	649.73	1/2	364.23	1/2	97.87	
3/4	3/4	4,213.11	3/4	3,909.57	3/4	3,595.30	3/4	3,270.50	3/4	2,937.65	3/4	2,604.34	3/4	2,271.03	3/4	1,937.72	3/4	1,604.41	3/4	1,271.09	3/4	947.81	3/4	643.51	3/4	358.42	3/4	92.45	
	7	4,206.88	7	3,903.13	7	3,588.64	7	3,263.62	7	2,930.71	7	2,597.40	7	2,264.09	7	1,930.77	7	1,597.46	7	1,264.15	7	941.19	7	637.30	7	352.60	7	87.04	
1/4	1/4	4,200.66	1/4	3,896.68	1/4	3,581.97	1/4	3,256.73	1/4	2,923.77	1/4	2,590.45	1/4	2,257.14	1/4	1,923.83	1/4	1,590.52	1/4	1,257.21	1/4	934.58	1/4	631.08	1/4	346.79	1/4	81.62	
1/2	1/2	4,194.44	1/2	3,890.24	1/2	3,575.31	1/2	3,249.84	1/2	2,916.82	1/2	2,583.51	1/2	2,250.20	1/2	1,916.89	1/2	1,583.57	1/2	1,250.26	1/2	927.97	1/2	624.87	1/2	340.97	1/2	76.21	
3/4	3/4	4,188.22	3/4	3,883.80	3/4	3,568.64	3/4	3,242.96	3/4	2,909.88	3/4	2,576.57	3/4	2,243.25	3/4	1,909.94	3/4	1,576.63	3/4	1,243.45	3/4	921.55	3/4	618.86	3/4	335.36	3/4	70.99	
	8	4,182.00	8	3,877.35	8	3,561.98	8	3,236.07	8	2,902.93	8	2,569.62	8	2,236.31	8	1,903.00	8	1,569.69	8	1,236.63	8	915.14	8	612.84	8	329.74	8	65.77	
1/4	1/4	4,175.77	1/4	3,870.91	1/4	3,555.31	1/4	3,229.19	1/4	2,895.99	1/4	2,562.68	1/4	2,229.37	1/4	1,896.05	1/4	1,562.74	1/4	1,229.82	1/4	908.72	1/4	606.83	1/4	324.13	1/4	60.56	
1/2	1/2	4,169.55	1/2	3,864.47	1/2	3,548.65	1/2	3,222.30	1/2	2,889.05	1/2	2,555.73	1/2	2,222.42	1/2	1,889.11	1/2	1,555.80	1/2	1,223.00	1/2	902.31	1/2	600.81	1/2	318.51	1/2	55.34	
3/4	3/4	4,163.33	3/4	3,858.03	3/4	3,541.98	3/4	3,215.41	3/4	2,882.10	3/4	2,548.79	3/4	2,215.48	3/4	1,882.17	3/4	1,548.85	3/4	1,216.19	3/4	895.89	3/4	594.80	3/4	312.89	3/4	50.13	
	9	4,157.05	9	3,851.52	9	3,535.26	9	3,208.47	9	2,875.16	9	2,541.85	9	2,208.53	9	1,875.22	9	1,541.91	9	1,209.37	9	889.48	9	588.78	9	307.28	9	45.32	
1/4	1/4	4,150.77	1/4	3,845.01	1/4	3,528.54	1/4	3,201.53	1/4	2,868.21	1/4	2,534.90	1/4	2,201.59	1/4	1,868.28	1/4	1,534.97	1/4	1,202.56	1/4	883.06	1/4	582.77	1/4	301.66	1/4	40.51	
1/2	1/2	4,144.50	1/2	3,838.50	1/2	3,521.82	1/2	3,194.58	1/2	2,861.27	1/2	2,527.96	1/2	2,194.65	1/2	1,861.33	1/2	1,528.02	1/2	1,195.74	1/2	876.65	1/2	576.75	1/2	296.05	1/2	35.71	
3/4	3/4	4,138.22	3/4	3,831.99	3/4	3,515.10	3/4	3,187.64	3/4	2,854.33	3/4	2,521.01	3/4	2,187.70	3/4	1,854.39	3/4	1,521.08	3/4	1,188.93	3/4	870.23	3/4	570.74	3/4	290.43	3/4	31.86	
	10	4,377.66	10</																										



BARGE "CTCo-358" CENAC TOWING COMPANY

OUTAGE TABLE

2 PORT OR STAR

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

HULL NO. 160

IN	0 FT.		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.			
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0	0	5,284.27	0	4,958.46	0	4,606.38	0	4,237.75	0	3,852.79	0	3,463.89	0	3,075.00	0	2,686.10	0	2,297.21	0	1,908.31	0	1,519.41	0	1,130.52	0	741.62	0	352.73				
1/4	1/4	5,280.44	1/4	4,951.27	1/4	4,598.85	1/4	4,229.87	1/4	3,844.69	1/4	3,455.79	1/4	3,066.90	1/4	2,678.00	1/4	2,289.10	1/4	1,900.21	1/4	1,511.31	1/4	1,122.42	1/4	733.52	1/4	344.62				
1/2	1/2	5,276.61	1/2	4,944.07	1/2	4,591.31	1/2	4,221.99	1/2	3,836.59	1/2	3,447.69	1/2	3,058.79	1/2	2,669.90	1/2	2,281.00	1/2	1,892.11	1/2	1,503.21	1/2	1,114.31	1/2	725.42	1/2	336.52				
3/4	3/4	5,271.07	3/4	4,936.88	3/4	4,583.77	3/4	4,214.11	3/4	3,828.48	3/4	3,439.59	3/4	3,050.69	3/4	2,661.80	3/4	2,272.90	3/4	1,884.00	3/4	1,495.11	3/4	1,106.21	3/4	717.32	3/4	328.42				
1	1	5,265.53	1	4,929.69	1	4,576.24	1	4,206.22	1	3,820.38	1	3,431.49	1	3,042.59	1	2,653.69	1	2,264.80	1	1,875.90	1	1,487.01	1	1,098.11	1	709.21	1	320.32				
1/4	1/4	5,259.99	1/4	4,922.50	1/4	4,568.70	1/4	4,198.34	1/4	3,812.28	1/4	3,423.38	1/4	3,034.49	1/4	2,645.59	1/4	2,256.70	1/4	1,867.80	1/4	1,478.90	1/4	1,090.01	1/4	701.11	1/4	312.22				
1/2	1/2	5,254.45	1/2	4,915.31	1/2	4,561.17	1/2	4,190.46	1/2	3,804.18	1/2	3,415.28	1/2	3,026.39	1/2	2,637.49	1/2	2,248.59	1/2	1,859.70	1/2	1,470.80	1/2	1,081.91	1/2	693.01	1/2	304.11				
3/4	3/4	5,247.21	3/4	4,908.12	3/4	4,553.63	3/4	4,182.58	3/4	3,796.08	3/4	3,407.18	3/4	3,018.28	3/4	2,629.39	3/4	2,240.49	3/4	1,851.60	3/4	1,462.70	3/4	1,073.80	3/4	684.91	3/4	296.01				
2	2	5,239.96	2	4,900.93	2	4,546.09	2	4,174.70	2	3,787.97	2	3,399.08	2	3,010.18	2	2,621.29	2	2,232.39	2	1,843.49	2	1,454.60	2	1,065.70	2	676.81	2	287.91				
1/4	1/4	5,232.72	1/4	4,893.74	1/4	4,538.56	1/4	4,166.82	1/4	3,779.87	1/4	3,390.98	1/4	3,002.08	1/4	2,613.18	1/4	2,224.29	1/4	1,835.39	1/4	1,446.50	1/4	1,057.60	1/4	668.70	1/4	279.81				
1/2	1/2	5,225.47	1/2	4,886.55	1/2	4,531.02	1/2	4,158.94	1/2	3,771.77	1/2	3,382.87	1/2	2,993.98	1/2	2,605.08	1/2	2,216.19	1/2	1,827.29	1/2	1,438.39	1/2	1,049.50	1/2	660.60	1/2	271.71				
3/4	3/4	5,218.54	3/4	4,879.27	3/4	4,523.40	3/4	4,150.97	3/4	3,763.67	3/4	3,374.77	3/4	2,985.88	3/4	2,596.98	3/4	2,208.08	3/4	1,819.19	3/4	1,430.29	3/4	1,041.40	3/4	652.50	3/4	263.60				
3	3	5,211.61	3	4,871.99	3	4,515.78	3	4,143.00	3	3,755.57	3	3,366.67	3	2,977.77	3	2,588.88	3	2,199.98	3	1,811.09	3	1,422.19	3	1,033.29	3	644.40	3	255.50				
1/4	1/4	5,204.68	1/4	4,864.72	1/4	4,508.16	1/4	4,135.04	1/4	3,747.46	1/4	3,358.57	1/4	2,969.67	1/4	2,580.78	1/4	2,191.88	1/4	1,802.98	1/4	1,414.09	1/4	1,025.19	1/4	636.30	1/4	247.40				
1/2	1/2	5,197.75	1/2	4,857.44	1/2	4,500.53	1/2	4,127.07	1/2	3,739.36	1/2	3,350.47	1/2	2,961.57	1/2	2,572.67	1/2	2,183.78	1/2	1,794.88	1/2	1,405.99	1/2	1,017.09	1/2	628.19	1/2	239.30				
3/4	3/4	5,190.81	3/4	4,850.16	3/4	4,492.91	3/4	4,119.10	3/4	3,731.26	3/4	3,342.36	3/4	2,953.47	3/4	2,564.57	3/4	2,175.68	3/4	1,786.78	3/4	1,397.88	3/4	1,008.99	3/4	620.09	3/4	231.20				
4	4	5,183.88	4	4,842.88	4	4,485.29	4	4,111.14	4	3,723.16	4	3,334.26	4	2,945.37	4	2,556.47	4	2,167.57	4	1,778.68	4	1,389.78	4	1,000.89	4	611.99	4	223.09				
1/4	1/4	5,176.95	1/4	4,835.61	1/4	4,477.67	1/4	4,103.17	1/4	3,715.06	1/4	3,326.16	1/4	2,937.26	1/4	2,548.37	1/4	2,159.47	1/4	1,770.58	1/4	1,381.68	1/4	992.78	1/4	603.89	1/4	214.99				
1/2	1/2	5,170.02	1/2	4,828.33	1/2	4,470.05	1/2	4,095.20	1/2	3,706.95	1/2	3,318.06	1/2	2,929.16	1/2	2,540.27	1/2	2,151.37	1/2	1,762.47	1/2	1,373.58	1/2	984.68	1/2	595.79	1/2	206.89				
3/4	3/4	5,163.09	3/4	4,821.05	3/4	4,462.42	3/4	4,087.24	3/4	3,698.85	3/4	3,309.96	3/4	2,921.06	3/4	2,532.16	3/4	2,143.27	3/4	1,754.37	3/4	1,365.48	3/4	976.58	3/4	587.68	3/4	198.79				
5	5	5,156.15	5	4,813.78	5	4,454.80	5	4,079.27	5	3,690.75	5	3,301.85	5	2,912.96	5	2,524.06	5	2,135.17	5	1,746.27	5	1,357.37	5	968.48	5	579.58	5	190.69				
1/4	1/4	5,149.22	1/4	4,806.50	1/4	4,447.18	1/4	4,071.30	1/4	3,682.65	1/4	3,293.75	1/4	2,904.86	1/4	2,515.96	1/4	2,127.06	1/4	1,738.17	1/4	1,349.27	1/4	960.38	1/4	571.48	1/4	182.58				
1/2	1/2	5,142.29	1/2	4,799.22	1/2	4,439.56	1/2	4,063.33	1/2	3,674.55	1/2	3,285.65	1/2	2,896.75	1/2	2,507.86	1/2	2,118.96	1/2	1,730.07	1/2	1,341.17	1/2	952.27	1/2	563.38	1/2	174.48				
3/4	3/4	5,135.27	3/4	4,791.86	3/4	4,431.85	3/4	4,055.24	3/4	3,666.44	3/4	3,277.55	3/4	2,888.65	3/4	2,499.76	3/4	2,110.86	3/4	1,721.96	3/4	1,333.07	3/4	944.17	3/4	555.28	3/4	166.38				
6	6	5,128.25	6	4,784.49	6	4,424.14	6	4,047.15	6	3,658.34	6	3,269.45	6	2,880.55	6	2,491.65	6	2,102.76	6	1,713.86	6	1,324.97	6	936.07	6	547.17	6	158.28				
1/4	1/4	5,121.24	1/4	4,777.13	1/4	4,416.43	1/4	4,039.06	1/4	3,650.24	1/4	3,261.34	1/4	2,872.45	1/4	2,483.55	1/4	2,094.66	1/4	1,705.76	1/4	1,316.86	1/4	927.97	1/4	539.07	1/4	150.18				
1/2	1/2	5,114.22	1/2	4,769.77	1/2	4,408.72	1/2	4,030.96	1/2	3,642.14	1/2	3,253.24	1/2	2,864.35	1/2	2,475.45	1/2	2,086.55	1/2	1,697.66	1/2	1,308.76	1/2	919.87	1/2	530.97	1/2	142.07				
3/4	3/4	5,107.20	3/4	4,762.40	3/4	4,401.01	3/4	4,022.87	3/4	3,634.04	3/4	3,245.14	3/4	2,856.24	3/4	2,467.35	3/4	2,078.45	3/4	1,689.56	3/4	1,300.66	3/4	911.76	3/4	522.87	3/4	133.97				
7	7	5,100.18	7	4,755.04	7	4,393.30	7	4,014.78	7	3,625.93	7	3,237.04	7	2,848.14	7	2,459.25	7	2,070.35	7	1,681.45	7	1,292.56	7	903.66	7	514.77	7	125.87				
1/4	1/4	5,093.16	1/4	4,747.67	1/4	4,385.60	1/4	4,006.68	1/4	3,617.83	1/4	3,228.94	1/4	2,840.04	1/4	2,451.14	1/4	2,062.25	1/4	1,673.35	1/4	1,284.46	1/4	895.56	1/4	506.66	1/4	117.77				
1/2	1/2	5,086.15	1/2	4,740.31	1/2	4,377.89	1/2	3,998.59	1/2	3,609.73	1/2	3,220.83	1/2	2,831.94	1/2	2,443.04	1/2	2,054.15	1/2	1,665.25	1/2	1,276.35	1/2	887.46	1/2	498.56	1/2	109.67				
3/4	3/4	5,079.13	3/4	4,732.95	3/4	4,370.18	3/4	3,990.50	3/4	3,601.63	3/4	3,212.73	3/4	2,823.84	3/4	2,434.94	3/4	2,046.04	3/4	1,657.15	3/4	1,268.25	3/4	879.36	3/4	490.46	3/4	101.56				
8	8	5,072.11	8	4,725.58	8	4,362.47	8	3,982.40	8	3,593.53	8	3,204.63	8	2,815.73	8	2,426.84	8	2,037.94	8	1,649.05	8	1,260.15	8	871.25	8	482.36	8	93.46				
1/4	1/4	5,065.09	1/4	4,718.22	1/4	4,354.76	1/4	3,974.31	1/4	3,585.42	1/4	3,196.53	1/4																			



BARGE "CTC0-358" CENAC TOWING COMPANY

OUTAGE TABLE

3 PORT

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

HULL NO. 160

IN	0 FT.		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.																									
IN	0	1/4	1/2	3/4	0	1/4	1/2	3/4	0	1/4	1/2	3/4	0	1/4	1/2	3/4	0	1/4	1/2	3/4	0	1/4	1/2	3/4	0	1/4	1/2	3/4	0	1/4	1/2	3/4																						
0	0	4,566.04			0	4,334.03			0	4,083.32			0	3,820.80			0	3,546.99			0	3,228.50			0	2,866.00			0	2,503.50			0	2,141.01			0	1,778.51			0	1,416.02			0	1,053.52			0	691.02			0	328.53
1/4	1/4	4,563.31	1/4	4,328.91	1/4	4,077.96	1/4	3,815.19	1/4	3,541.22	1/4	3,220.95	1/4	2,858.45	1/4	2,495.95	1/4	2,133.46	1/4	1,770.96	1/4	1,408.46	1/4	1,045.97	1/4	683.47	1/4	320.98	1/4	1,776.51	1/4	1,412.57	1/4	1,049.07	1/4	685.98	1/4	323.49	1/4	1,416.02	1/4	1,053.52	1/4	691.02	1/4	328.53								
1/2	1/2	4,560.58	1/2	4,323.79	1/2	4,072.59	1/2	3,809.57	1/2	3,535.45	1/2	3,213.39	1/2	2,850.90	1/2	2,488.40	1/2	2,125.90	1/2	1,763.41	1/2	1,400.91	1/2	1,038.42	1/2	675.92	1/2	313.42	1/2	1,773.07	1/2	1,409.07	1/2	1,045.97	1/2	683.47	1/2	320.98	1/2	1,412.57	1/2	1,053.52	1/2	691.02	1/2	328.53								
3/4	3/4	4,556.64	3/4	4,318.67	3/4	4,067.22	3/4	3,803.96	3/4	3,529.69	3/4	3,205.84	3/4	2,843.34	3/4	2,480.85	3/4	2,118.35	3/4	1,755.86	3/4	1,393.36	3/4	1,030.86	3/4	668.37	3/4	305.87	3/4	1,769.62	3/4	1,401.63	3/4	1,043.03	3/4	675.92	3/4	313.42	3/4	1,408.46	3/4	1,049.07	3/4	320.98										
1	1	4,552.69	1	4,313.55	1	4,061.86	1	3,798.35	1	3,523.92	1	3,198.29	1	2,835.79	1	2,473.30	1	2,110.80	1	1,748.30	1	1,385.81	1	1,023.31	1	660.82	1	298.32	1	1,765.77	1	1,397.18	1	1,036.18	1	671.59	1	316.69	1	1,404.61	1	1,059.29	1	331.70										
1/4	1/4	4,548.75	1/4	4,308.43	1/4	4,056.49	1/4	3,792.74	1/4	3,518.15	1/4	3,190.74	1/4	2,828.24	1/4	2,465.74	1/4	2,103.25	1/4	1,740.75	1/4	1,378.26	1/4	1,015.76	1/4	653.26	1/4	290.77	1/4	1,761.92	1/4	1,389.34	1/4	1,031.26	1/4	664.06	1/4	311.40	1/4	1,400.91	1/4	1,051.42	1/4	306.88										
1/2	1/2	4,544.80	1/2	4,303.31	1/2	4,051.12	1/2	3,787.12	1/2	3,512.39	1/2	3,183.19	1/2	2,820.69	1/2	2,458.19	1/2	2,095.70	1/2	1,733.20	1/2	1,370.70	1/2	1,008.21	1/2	645.71	1/2	283.22	1/2	1,757.07	1/2	1,380.32	1/2	1,026.37	1/2	656.71	1/2	307.89	1/2	1,397.07	1/2	1,048.46	1/2	319.99										
3/4	3/4	4,539.64	3/4	4,298.19	3/4	4,045.76	3/4	3,781.51	3/4	3,506.62	3/4	3,175.63	3/4	2,813.14	3/4	2,450.64	3/4	2,088.14	3/4	1,725.65	3/4	1,363.15	3/4	1,000.66	3/4	638.16	3/4	275.66	3/4	1,751.22	3/4	1,370.39	3/4	1,021.90	3/4	649.16	3/4	300.00	3/4	1,391.14	3/4	1,045.97	3/4	316.69										
2	2	4,534.48	2	4,293.07	2	4,040.39	2	3,775.90	2	3,500.85	2	3,168.08	2	2,805.58	2	2,443.09	2	2,080.59	2	1,718.10	2	1,356.60	2	993.10	2	630.61	2	268.11	2	1,747.11	2	1,365.14	2	1,015.24	2	651.21	2	303.01	2	1,386.16	2	1,048.46	2	319.99										
1/4	1/4	4,529.32	1/4	4,287.95	1/4	4,035.02	1/4	3,770.28	1/4	3,495.09	1/4	3,160.53	1/4	2,798.03	1/4	2,435.54	1/4	2,073.04	1/4	1,710.54	1/4	1,348.05	1/4	985.55	1/4	623.06	1/4	260.56	1/4	1,742.26	1/4	1,356.60	1/4	1,015.76	1/4	653.26	1/4	306.88	1/4	1,381.21	1/4	1,045.97	1/4	316.69										
1/2	1/2	4,524.16	1/2	4,282.83	1/2	4,029.65	1/2	3,764.67	1/2	3,489.32	1/2	3,152.98	1/2	2,790.48	1/2	2,427.98	1/2	2,065.49	1/2	1,702.99	1/2	1,340.50	1/2	978.00	1/2	615.50	1/2	253.01	1/2	1,737.41	1/2	1,345.66	1/2	1,010.30	1/2	642.31	1/2	300.00	1/2	1,376.51	1/2	1,040.91	1/2	313.42										
3/4	3/4	4,519.23	3/4	4,277.65	3/4	4,024.23	3/4	3,759.00	3/4	3,483.55	3/4	3,145.42	3/4	2,782.93	3/4	2,420.43	3/4	2,057.94	3/4	1,695.44	3/4	1,332.94	3/4	970.45	3/4	607.95	3/4	245.46	3/4	1,732.07	3/4	1,333.00	3/4	1,000.66	3/4	638.16	3/4	303.01	3/4	1,376.51	3/4	1,040.91	3/4	313.42										
3	3	4,514.29	3	4,272.47	3	4,018.80	3	3,753.32	3	3,477.78	3	3,137.87	3	2,775.38	3	2,412.88	3	2,050.38	3	1,687.89	3	1,325.39	3	962.90	3	600.40	3	237.90	3	1,727.63	3	1,325.39	3	962.90	3	600.40	3	237.90	3	1,325.39	3	962.90	3	600.40	3	237.90								
1/4	1/4	4,509.36	1/4	4,267.28	1/4	4,013.37	1/4	3,747.65	1/4	3,472.02	1/4	3,130.32	1/4	2,767.82	1/4	2,405.33	1/4	2,042.83	1/4	1,680.34	1/4	1,317.84	1/4	955.34	1/4	592.85	1/4	230.35	1/4	1,722.76	1/4	1,317.84	1/4	955.34	1/4	592.85	1/4	230.35	1/4	1,317.84	1/4	955.34	1/4	592.85										
1/2	1/2	4,504.42	1/2	4,262.10	1/2	4,007.94	1/2	3,741.97	1/2	3,466.25	1/2	3,122.77	1/2	2,760.27	1/2	2,397.78	1/2	2,035.28	1/2	1,672.78	1/2	1,310.29	1/2	947.79	1/2	585.30	1/2	222.80	1/2	1,717.91	1/2	1,310.29	1/2	947.79	1/2	585.30	1/2	222.80	1/2	1,310.29	1/2	947.79	1/2	585.30										
3/4	3/4	4,499.49	3/4	4,256.92	3/4	4,002.51	3/4	3,736.30	3/4	3,460.48	3/4	3,115.22	3/4	2,752.72	3/4	2,390.22	3/4	2,027.73	3/4	1,665.23	3/4	1,302.74	3/4	940.24	3/4	577.74	3/4	215.25	3/4	1,712.91	3/4	1,302.74	3/4	940.24	3/4	577.74	3/4	215.25	3/4	1,302.74	3/4	940.24	3/4	577.74										
4	4	4,494.55	4	4,251.74	4	3,997.08	4	3,730.62	4	3,454.72	4	3,107.66	4	2,745.17	4	2,382.67	4	2,020.18	4	1,657.68	4	1,295.18	4	932.69	4	570.19	4	207.70	4	1,707.91	4	1,295.18	4	932.69	4	570.19	4	207.70	4	1,295.18	4	932.69	4	570.19										
1/4	1/4	4,489.62	1/4	4,246.56	1/4	3,991.65	1/4	3,724.95	1/4	3,448.90	1/4	3,100.11	1/4	2,737.62	1/4	2,375.12	1/4	2,012.62	1/4	1,650.13	1/4	1,287.63	1/4	925.14	1/4	562.64	1/4	200.14	1/4	1,702.99	1/4	1,287.63	1/4	925.14	1/4	562.64	1/4	200.14	1/4	1,287.63	1/4	925.14	1/4	562.64										
1/2	1/2	4,484.68	1/2	4,241.37	1/2	3,986.22	1/2	3,719.27	1/2	3,442.82	1/2	3,092.56	1/2	2,730.06	1/2	2,367.57	1/2	2,005.07	1/2	1,642.58	1/2	1,280.08	1/2	917.58	1/2	555.09	1/2	192.59	1/2	1,697.07	1/2	1,280.08	1/2	917.58	1/2	555.09	1/2	192.59	1/2	1,280.08	1/2	917.58	1/2	555.09										
3/4	3/4	4,479.75	3/4	4,236.19	3/4	3,980.79	3/4	3,713.60	3/4	3,436.74	3/4	3,085.01	3/4	2,722.51	3/4	2,360.02	3/4	1,997.52	3/4	1,632.53	3/4	1,272.53	3/4	910.03	3/4	547.54	3/4	185.04	3/4	1,692.15	3/4	1,272.53	3/4	910.03	3/4	547.54	3/4	185.04	3/4	1,272.53	3/4	910.03	3/4	547.54										
5	5	4,474.81	5	4,231.01	5	3,975.36	5	3,707.92	5	3,430.67	5	3,077.46	5	2,714.96	5	2,352.46	5	1,989.97	5	1,627.47	5	1,264.98	5	902.48	5	539.98	5	177.49	5	1,687.27	5	1,264.98	5	902.48	5	539.98	5	177.49	5	1,264.98	5	902.48	5	539.98										
1/4	1/4	4,469.88	1/4	4,225.83	1/4	3,969.93	1/4	3,702.24	1/4	3,424.59	1/4	3,069.90	1/4	2,707.41	1/4	2,344.91	1/4	1,982.42	1/4	1,619.92	1/4	1,257.42	1/4	894.93	1/4	532.43	1/4	169.94	1/4	1,682.41	1/4	1,257.42	1/4	894.93	1/4	532.43	1/4	169.94	1/4	1,257.42	1/4	894.93												
1/2	1/2	4,464.94	1/2	4,220.65	1/2	3,964.51	1/2	3,696.57	1/2	3,418.10	1/2	3,062.35	1/2	2,703.86	1/2	2,337.36	1/2	1,974.86	1/2	1,612.37	1/2	1,249.87	1/2	887.38	1/2	524.88	1/2	162.38	1/2	1,677.40	1/2	1,249.87	1/2	887.38	1/2	524.88	1/2	162.38	1/2	1,249.87	1/2	887.38												
3/4	3/4	4,459.95	3/4	4,215.40	3/4	3,959.02	3/4	3,690.83	3/4																																													



BARGE "CTCo-358" CENAC TOWING COMPANY

OUTAGE TABLE

3 STAR

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

HULL NO. 160

WT	0 FT.	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.													
0	0	4,563.31	0	4,328.91	0	4,077.96	0	3,815.19	0	3,541.22	0	3,220.95	0	2,858.45	0	2,495.95	0	2,133.46	0	1,770.96	0	1,408.46	0	1,045.97	0	683.47	0	320.98
1/4	1/4	4,560.58	1/4	4,323.79	1/4	4,072.59	1/4	3,809.57	1/4	3,535.45	1/4	3,213.39	1/4	2,850.90	1/4	2,488.40	1/4	2,125.90	1/4	1,763.41	1/4	1,400.91	1/4	1,038.42	1/4	675.92	1/4	313.42
1/2	1/2	4,556.64	1/2	4,318.67	1/2	4,067.22	1/2	3,803.96	1/2	3,529.69	1/2	3,205.84	1/2	2,843.34	1/2	2,480.85	1/2	2,118.35	1/2	1,755.86	1/2	1,393.36	1/2	1,030.86	1/2	668.37	1/2	305.87
3/4	3/4	4,552.69	3/4	4,313.55	3/4	4,061.86	3/4	3,798.35	3/4	3,523.92	3/4	3,198.29	3/4	2,835.79	3/4	2,473.30	3/4	2,110.80	3/4	1,748.30	3/4	1,385.81	3/4	1,023.31	3/4	660.82	3/4	298.32
1	1	4,548.75	1	4,308.43	1	4,056.49	1	3,792.74	1	3,518.15	1	3,190.74	1	2,828.24	1	2,465.74	1	2,103.25	1	1,740.75	1	1,378.26	1	1,015.76	1	653.26	1	290.77
1/4	1/4	4,544.80	1/4	4,303.31	1/4	4,051.12	1/4	3,787.12	1/4	3,512.39	1/4	3,183.19	1/4	2,820.69	1/4	2,458.19	1/4	2,095.70	1/4	1,733.20	1/4	1,370.70	1/4	1,008.21	1/4	645.71	1/4	283.22
1/2	1/2	4,539.64	1/2	4,298.19	1/2	4,045.76	1/2	3,781.51	1/2	3,506.62	1/2	3,175.63	1/2	2,813.14	1/2	2,450.64	1/2	2,088.14	1/2	1,725.65	1/2	1,363.15	1/2	1,000.66	1/2	638.16	1/2	275.66
3/4	3/4	4,534.48	3/4	4,293.07	3/4	4,040.39	3/4	3,775.90	3/4	3,500.85	3/4	3,168.08	3/4	2,805.58	3/4	2,443.09	3/4	2,080.59	3/4	1,718.10	3/4	1,355.60	3/4	993.10	3/4	630.61	3/4	268.11
2	2	4,529.32	2	4,287.95	2	4,035.02	2	3,770.28	2	3,495.09	2	3,160.53	2	2,798.03	2	2,435.54	2	2,073.04	2	1,710.54	2	1,348.05	2	985.55	2	623.06	2	260.56
1/4	1/4	4,524.16	1/4	4,282.83	1/4	4,029.65	1/4	3,764.67	1/4	3,489.32	1/4	3,152.98	1/4	2,790.48	1/4	2,427.98	1/4	2,065.49	1/4	1,702.99	1/4	1,340.50	1/4	978.00	1/4	615.50	1/4	253.01
1/2	1/2	4,519.23	1/2	4,277.65	1/2	4,024.23	1/2	3,759.00	1/2	3,483.55	1/2	3,145.42	1/2	2,782.93	1/2	2,420.43	1/2	2,057.94	1/2	1,695.44	1/2	1,332.94	1/2	970.45	1/2	607.95	1/2	245.46
3/4	3/4	4,514.29	3/4	4,272.47	3/4	4,018.80	3/4	3,753.32	3/4	3,477.78	3/4	3,137.87	3/4	2,775.38	3/4	2,412.88	3/4	2,050.38	3/4	1,687.89	3/4	1,325.39	3/4	962.90	3/4	600.40	3/4	237.90
3	3	4,509.36	3	4,267.28	3	4,013.37	3	3,747.65	3	3,472.02	3	3,130.32	3	2,767.82	3	2,405.33	3	2,042.83	3	1,680.34	3	1,317.84	3	955.34	3	592.85	3	230.35
1/4	1/4	4,504.42	1/4	4,262.10	1/4	4,007.94	1/4	3,741.97	1/4	3,466.25	1/4	3,122.77	1/4	2,760.27	1/4	2,397.78	1/4	2,035.28	1/4	1,672.78	1/4	1,310.29	1/4	947.79	1/4	585.30	1/4	222.80
1/2	1/2	4,499.49	1/2	4,256.92	1/2	4,002.51	1/2	3,736.30	1/2	3,460.48	1/2	3,115.22	1/2	2,752.72	1/2	2,390.22	1/2	2,027.73	1/2	1,665.23	1/2	1,302.74	1/2	940.24	1/2	577.74	1/2	215.25
3/4	3/4	4,494.55	3/4	4,251.74	3/4	3,997.08	3/4	3,730.62	3/4	3,454.72	3/4	3,107.66	3/4	2,745.17	3/4	2,382.67	3/4	2,020.18	3/4	1,657.68	3/4	1,295.18	3/4	932.69	3/4	570.19	3/4	207.70
4	4	4,489.62	4	4,246.56	4	3,991.65	4	3,724.95	4	3,448.90	4	3,100.11	4	2,737.62	4	2,375.12	4	2,012.62	4	1,650.13	4	1,287.63	4	925.14	4	562.64	4	200.14
1/4	1/4	4,484.68	1/4	4,241.37	1/4	3,986.22	1/4	3,719.27	1/4	3,442.82	1/4	3,092.56	1/4	2,730.06	1/4	2,367.57	1/4	2,005.07	1/4	1,642.58	1/4	1,280.08	1/4	917.58	1/4	555.09	1/4	192.59
1/2	1/2	4,479.75	1/2	4,236.19	1/2	3,980.79	1/2	3,713.60	1/2	3,436.74	1/2	3,085.01	1/2	2,722.51	1/2	2,360.02	1/2	1,997.52	1/2	1,635.02	1/2	1,272.53	1/2	910.03	1/2	547.54	1/2	185.04
3/4	3/4	4,474.81	3/4	4,231.01	3/4	3,975.36	3/4	3,707.92	3/4	3,430.67	3/4	3,077.46	3/4	2,714.96	3/4	2,352.46	3/4	1,989.97	3/4	1,627.47	3/4	1,264.98	3/4	902.48	3/4	539.98	3/4	177.49
5	5	4,469.88	5	4,225.83	5	3,922.83	5	3,659.93	5	3,382.95	5	3,029.99	5	2,677.01	5	2,314.01	5	1,951.01	5	1,588.01	5	1,225.01	5	868.01	5	517.01	5	157.01
1/4	1/4	4,464.94	1/4	4,220.65	1/4	3,964.51	1/4	3,696.57	1/4	3,418.10	1/4	3,062.35	1/4	2,699.86	1/4	2,337.36	1/4	1,974.86	1/4	1,612.37	1/4	1,249.87	1/4	867.38	1/4	524.88	1/4	162.38
1/2	1/2	4,459.95	1/2	4,215.40	1/2	3,959.02	1/2	3,690.83	1/2	3,411.61	1/2	3,054.80	1/2	2,692.30	1/2	2,329.81	1/2	1,967.31	1/2	1,604.82	1/2	1,242.32	1/2	879.82	1/2	517.33	1/2	154.83
3/4	3/4	4,454.95	3/4	4,210.16	3/4	3,953.53	3/4	3,685.10	3/4	3,405.12	3/4	3,047.25	3/4	2,684.75	3/4	2,322.26	3/4	1,959.76	3/4	1,597.26	3/4	1,234.77	3/4	872.27	3/4	509.78	3/4	147.28
6	6	4,449.95	6	4,204.91	6	3,948.04	6	3,679.36	6	3,398.63	6	3,039.70	6	2,677.20	6	2,314.70	6	1,952.21	6	1,589.71	6	1,227.22	6	864.72	6	502.22	6	139.73
1/4	1/4	4,444.95	1/4	4,199.67	1/4	3,942.55	1/4	3,673.62	1/4	3,391.73	1/4	3,032.14	1/4	2,669.65	1/4	2,307.15	1/4	1,944.66	1/4	1,582.16	1/4	1,219.66	1/4	857.17	1/4	494.67	1/4	132.18
1/2	1/2	4,439.96	1/2	4,194.43	1/2	3,937.06	1/2	3,667.88	1/2	3,384.83	1/2	3,024.59	1/2	2,662.10	1/2	2,299.60	1/2	1,937.10	1/2	1,574.61	1/2	1,212.11	1/2	849.62	1/2	487.12	1/2	124.62
3/4	3/4	4,434.96	3/4	4,189.18	3/4	3,931.57	3/4	3,662.15	3/4	3,377.93	3/4	3,017.04	3/4	2,654.54	3/4	2,292.05	3/4	1,929.55	3/4	1,567.06	3/4	1,204.56	3/4	842.06	3/4	479.57	3/4	117.07
7	7	4,429.96	7	4,183.94	7	3,926.08	7	3,656.41	7	3,371.03	7	3,009.49	7	2,646.99	7	2,284.50	7	1,922.00	7	1,559.50	7	1,197.01	7	834.51	7	472.02	7	109.52
1/4	1/4	4,424.97	1/4	4,178.69	1/4	3,920.59	1/4	3,650.67	1/4	3,363.71	1/4	3,001.94	1/4	2,639.44	1/4	2,276.94	1/4	1,914.45	1/4	1,551.95	1/4	1,189.46	1/4	826.96	1/4	464.46	1/4	101.97
1/2	1/2	4,419.97	1/2	4,173.45	1/2	3,915.10	1/2	3,644.94	1/2	3,356.40	1/2	2,994.38	1/2	2,631.89	1/2	2,269.39	1/2	1,906.90	1/2	1,544.40	1/2	1,181.90	1/2	819.41	1/2	456.91	1/2	94.42
3/4	3/4	4,414.97	3/4	4,168.21	3/4	3,909.62	3/4	3,639.20	3/4	3,349.09	3/4	2,986.83	3/4	2,624.34	3/4	2,261.84	3/4	1,899.34	3/4	1,536.85	3/4	1,174.35	3/4	811.86	3/4	449.36	3/4	86.86
8	8	4,409.98	8	4,162.96	8	3,904.13	8	3,633.46	8	3,341.78	8	2,979.28	8	2,616.78	8	2,254.29	8	1,891.79	8	1,529.30	8	1,166.80	8	804.30	8	441.81	8	79.31
1/4	1/4	4,404.98	1/4	4,157.72	1/4	3,898.64	1/4	3,627.73	1/4	3,334.23	1/4	2,971.73	1/4	2,609.23	1/4	2,246.74	1/4	1,884.24	1/4	1,521.74	1/4	1,159.25	1/4	796.75	1/4	434.26	1/4	71.76
1/2	1/2	4,399.92	1/2	4,152.41	1/2	3,893.09	1/2	3,621.96	1/2	3,326.67	1/2	2,964.18	1/2	2,601.68	1/2	2,239.18	1/2	1,876.69	1/2	1,514.19	1/2	1,151.70	1/2	789.20	1/2	426.70	1/2	64.83
3/4	3/4	4,394.86	3/4	4,147.11	3/4	3,887.54	3/4	3,616.19	3/4	3,319.12	3/4	2,956.62	3/4	2,594.13	3/4	2,231.63	3/4	1,869.14	3/4	1,506.64	3/4	1,144.14	3/4	781.65	3/4	419.15	3/4	57.91
9	9	4,389.80	9	4,141.80	9	3,881.98	9	3,610.42	9	3,311.57	9	2,949.07	9	2,586.58	9	2,224.08	9	1,8										