

Barge
ID
HBL

Barge
Number
1601

UOM
BARRELS

Gauge
Type
INNAGE

Date
Strapped
12/21/1972

Strapped
By
CHAS MARTIN

Comment
RIM OF STAND PIPE OPPOSITE HINGE

HULL #
5961

Barge ID	Barge Number	Comp	Height	Gauge
HBL	1601	COMP 1	169.500	
HBL	1601	COMP 2	169.500	
HBL	1601	COMP 3	169.250	

BARGE ID HBL-1601
COMP 1

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
0	Volume												
1/4	1.37	258.07	585.88	913.77	1,241.66	1,569.56	1,897.45	2,225.34	2,553.24	2,881.13	3,209.02	3,536.91	3,864.81
1/2	1.96	264.90	592.71	920.60	1,248.50	1,576.39	1,904.28	2,232.17	2,560.07	2,887.96	3,215.85	3,543.75	3,871.64
3/4	2.56	271.73	599.54	927.43	1,255.33	1,583.22	1,911.11	2,239.01	2,566.90	2,894.79	3,222.68	3,550.58	3,878.47
1	4.33	278.56	606.37	934.27	1,262.16	1,590.05	1,917.94	2,245.84	2,573.73	2,901.62	3,229.51	3,557.41	3,885.30
1/4	6.11	285.39	613.20	941.10	1,268.99	1,596.88	1,924.77	2,252.67	2,580.56	2,908.45	3,236.35	3,564.24	3,892.13
1/2	7.89	292.22	620.03	947.93	1,275.82	1,603.71	1,931.61	2,259.50	2,587.39	2,915.28	3,243.18	3,571.07	3,898.96
3/4	9.67	299.05	626.87	954.76	1,282.65	1,610.54	1,938.44	2,266.33	2,594.22	2,922.12	3,250.01	3,577.90	3,905.79
2	12.51	305.88	633.70	961.59	1,289.48	1,617.38	1,945.27	2,273.16	2,601.05	2,928.95	3,256.84	3,584.73	3,912.62
1/4	15.36	312.71	640.53	968.42	1,296.31	1,624.21	1,952.10	2,279.99	2,607.58	2,935.78	3,263.67	3,591.56	3,919.46
1/2	18.20	319.54	647.36	975.25	1,303.14	1,631.04	1,958.93	2,286.82	2,614.72	2,942.61	3,270.50	3,598.39	3,926.29
3/4	21.04	326.37	654.19	982.08	1,309.98	1,637.87	1,965.76	2,293.65	2,621.55	2,949.44	3,277.33	3,605.23	3,933.12
3	25.07	333.20	661.02	988.91	1,316.81	1,644.70	1,972.59	2,300.49	2,628.38	2,956.27	3,284.16	3,612.06	3,939.95
1/4	29.10	340.02	667.85	995.75	1,323.64	1,651.53	1,979.42	2,307.32	2,635.21	2,963.10	3,290.99	3,618.89	3,946.78
1/2	33.13	346.85	674.68	1,002.58	1,330.47	1,658.36	1,986.25	2,314.15	2,642.04	2,969.93	3,297.83	3,625.72	3,953.61
3/4	37.16	353.68	681.51	1,009.41	1,337.30	1,665.19	1,993.09	2,320.98	2,648.87	2,976.76	3,304.66	3,632.55	3,960.44
4	42.38	360.51	688.35	1,016.24	1,344.13	1,672.02	1,999.92	2,327.81	2,655.70	2,983.60	3,311.49	3,639.38	3,967.27
1/4	47.60	367.34	695.18	1,023.07	1,350.96	1,678.86	2,006.75	2,334.64	2,662.53	2,990.43	3,318.32	3,646.21	3,974.10
1/2	52.82	374.17	702.01	1,029.90	1,357.79	1,685.69	2,013.58	2,341.47	2,669.36	2,997.26	3,325.15	3,653.04	3,980.94
3/4	58.04	381.00	708.84	1,036.73	1,364.62	1,692.52	2,020.41	2,348.30	2,675.20	3,004.09	3,331.98	3,659.87	3,987.77
5	64.30	387.83	715.67	1,043.56	1,371.46	1,699.35	2,027.24	2,355.13	2,683.03	3,010.92	3,338.81	3,665.71	3,994.60
1/4	70.55	394.66	722.50	1,050.39	1,378.29	1,706.18	2,034.07	2,361.97	2,689.86	3,017.75	3,345.64	3,673.54	4,001.43
1/2	76.81	401.49	729.33	1,057.23	1,385.12	1,713.01	2,040.90	2,368.80	2,696.69	3,024.58	3,352.47	3,680.37	4,008.26
3/4	83.52	408.32	736.16	1,064.06	1,391.95	1,719.84	2,047.73	2,375.63	2,703.52	3,031.41	3,359.31	3,687.20	4,014.52
6	90.22	415.15	742.99	1,070.89	1,398.78	1,726.67	2,054.57	2,382.46	2,710.35	3,038.24	3,366.14	3,694.03	4,020.76
1/4	96.93	421.97	749.83	1,077.72	1,405.61	1,733.50	2,061.40	2,389.29	2,717.18	3,045.08	3,372.97	3,700.86	4,027.05
1/2	103.63	428.80	756.66	1,084.55	1,412.44	1,740.34	2,068.23	2,396.12	2,724.01	3,051.91	3,379.80	3,707.69	4,033.31
3/4	110.33	435.63	763.49	1,091.38	1,419.27	1,747.17	2,075.06	2,402.95	2,730.84	3,058.74	3,386.63	3,714.52	4,038.43
7	117.04	442.46	770.32	1,098.21	1,426.10	1,754.00	2,081.89	2,409.78	2,737.68	3,065.57	3,393.46	3,721.35	4,043.55
1/4	123.74	449.29	777.15	1,105.04	1,432.94	1,760.83	2,088.72	2,416.61	2,744.51	3,072.40	3,400.29	3,728.19	4,048.68
1/2	130.45	456.12	783.98	1,111.87	1,439.77	1,767.66	2,095.55	2,423.45	2,751.34	3,079.23	3,407.12	3,735.02	4,053.80
3/4	137.15	462.95	790.81	1,118.71	1,446.60	1,774.49	2,102.38	2,430.28	2,758.17	3,086.06	3,413.95	3,741.85	4,057.78
8	143.85	469.78	797.64	1,125.54	1,453.43	1,781.32	2,109.21	2,437.11	2,765.00	3,092.89	3,420.79	3,748.68	4,061.77
1/4	150.56	476.61	804.47	1,132.37	1,460.26	1,788.15	2,116.05	2,443.94	2,771.83	3,099.72	3,427.62	3,755.51	4,065.75
1/2	157.26	483.44	811.31	1,139.20	1,467.09	1,794.98	2,122.88	2,450.77	2,778.66	3,106.56	3,434.45	3,762.34	4,069.74
3/4	163.97	490.27	818.14	1,146.03	1,473.92	1,801.82	2,129.71	2,457.60	2,785.49	3,113.39	3,441.28	3,769.17	4,072.58
12	170.67	497.10	824.97	1,152.86	1,480.75	1,808.65	2,136.54	2,464.43	2,792.32	3,120.22	3,448.11	3,776.00	4,075.43

IN	0 FT Volume	1 FT	2 FT	3 FT	4 FT	5 FT	6 FT	7 FT	8 FT	9 FT	10 FT	11 FT	12 FT
9	177.37	503.93	831.80	1,159.69	1,487.58	1,815.48	2,143.37	2,471.26	2,799.16	3,127.05	3,454.94	3,782.83	4,078.27
1/4	184.08	510.75	838.63	1,166.52	1,494.42	1,822.31	2,150.20	2,478.09	2,805.99	3,133.88	3,461.77	3,789.67	4,081.12
1/2	190.78	517.58	845.46	1,173.35	1,501.25	1,829.14	2,157.03	2,484.93	2,812.82	3,140.71	3,468.60	3,796.50	4,082.82
3/4	197.49	524.41	852.29	1,180.18	1,508.08	1,835.97	2,163.86	2,491.76	2,819.65	3,147.54	3,475.43	3,803.33	4,084.53
10	204.19	531.24	859.12	1,187.02	1,514.91	1,842.80	2,170.69	2,498.59	2,826.48	3,154.37	3,482.27	3,810.16	4,086.24
1/4	210.89	538.07	865.95	1,193.85	1,521.74	1,849.63	2,177.53	2,505.42	2,833.31	3,161.20	3,489.10	3,816.99	4,087.94
1/2	217.60	544.90	872.79	1,200.68	1,528.57	1,856.46	2,184.36	2,512.25	2,840.14	3,168.04	3,495.93	3,823.82	4,088.51
3/4	224.30	551.73	879.62	1,207.51	1,535.40	1,863.29	2,191.19	2,519.08	2,846.97	3,174.87	3,502.76	3,830.65	4,089.08
11	231.01	558.56	886.45	1,214.34	1,542.23	1,870.13	2,198.02	2,525.91	2,853.80	3,181.70	3,509.59	3,837.46	4,089.65
1/4	237.71	565.39	893.28	1,221.17	1,549.06	1,876.96	2,204.85	2,532.74	2,860.64	3,188.53	3,516.42	3,844.31	4,090.21
1/2	244.42	572.22	900.11	1,228.00	1,555.90	1,883.79	2,211.68	2,539.57	2,867.47	3,195.36	3,523.25	3,851.15	
3/4	251.24	579.05	906.94	1,234.83	1,562.73	1,890.62	2,218.51	2,546.40	2,874.30	3,202.19	3,530.08	3,857.98	

BARGE ID HBL-1601
COMP 2

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
0	Volume												
1/4	1.32	254.27	580.99	908.39	1,235.80	1,563.20	1,890.60	2,218.01	2,545.41	2,872.81	3,200.22	3,527.62	3,855.02
1/2	1.89	261.09	587.81	915.21	1,242.62	1,570.02	1,897.42	2,224.83	2,552.23	2,879.63	3,207.04	3,534.44	3,861.84
3/4	2.45	267.91	594.63	922.04	1,249.44	1,576.84	1,904.25	2,231.65	2,559.05	2,886.45	3,213.86	3,541.26	3,868.66
1	4.16	274.73	601.45	928.86	1,256.26	1,583.66	1,911.07	2,238.47	2,565.87	2,893.28	3,220.68	3,548.08	3,875.49
1/4	5.86	281.55	608.27	935.68	1,263.08	1,590.48	1,917.89	2,245.29	2,572.69	2,900.10	3,227.50	3,554.90	3,882.31
1/2	7.56	288.37	615.09	942.50	1,269.90	1,597.30	1,924.71	2,252.11	2,579.51	2,906.92	3,234.32	3,561.72	3,889.13
3/4	9.26	295.18	621.92	949.32	1,276.72	1,604.13	1,931.53	2,258.93	2,586.34	2,913.74	3,241.14	3,568.54	3,895.95
2	11.98	301.99	628.74	956.14	1,283.54	1,610.95	1,938.35	2,265.75	2,593.16	2,920.56	3,247.96	3,575.37	3,902.77
1/4	14.69	308.79	635.56	962.96	1,290.36	1,617.77	1,945.17	2,272.57	2,599.98	2,927.38	3,254.78	3,582.19	3,909.55
1/2	17.41	315.60	642.38	969.78	1,297.18	1,624.59	1,951.99	2,279.39	2,606.80	2,934.20	3,261.60	3,589.01	3,916.41
3/4	20.12	322.40	649.20	976.60	1,304.01	1,631.41	1,958.81	2,286.22	2,613.62	2,941.02	3,268.43	3,595.83	3,923.23
3	23.97	329.21	656.02	983.42	1,310.83	1,638.23	1,965.63	2,293.04	2,620.44	2,947.84	3,275.25	3,602.65	3,930.05
1/4	27.82	336.01	662.84	990.24	1,317.65	1,645.05	1,972.45	2,299.86	2,627.26	2,954.66	3,282.07	3,609.47	3,936.87
1/2	31.67	342.81	669.66	997.07	1,324.47	1,651.87	1,979.27	2,306.68	2,634.08	2,961.48	3,288.89	3,616.29	3,943.69
3/4	35.52	349.62	676.48	1,003.89	1,331.29	1,658.69	1,986.10	2,313.50	2,640.90	2,968.31	3,295.71	3,623.11	3,950.58
4	40.51	356.42	683.30	1,010.71	1,338.11	1,665.51	1,992.92	2,320.32	2,647.72	2,975.13	3,302.53	3,629.93	3,957.34
1/4	45.50	363.23	690.12	1,017.53	1,344.93	1,672.33	1,999.74	2,327.14	2,654.54	2,981.95	3,309.35	3,636.75	3,964.16
1/2	50.49	370.03	696.95	1,024.35	1,351.75	1,679.16	2,006.56	2,333.96	2,661.36	2,988.77	3,316.17	3,643.57	3,970.98
3/4	55.48	376.83	703.77	1,031.17	1,358.57	1,685.98	2,013.38	2,340.78	2,668.19	2,995.59	3,322.99	3,650.40	3,977.80
5	61.60	383.64	710.59	1,037.99	1,365.39	1,692.80	2,020.20	2,347.60	2,675.01	3,002.41	3,329.81	3,657.22	3,984.62
1/4	67.73	390.44	717.41	1,044.81	1,372.21	1,699.62	2,027.02	2,354.42	2,681.83	3,009.23	3,336.63	3,664.04	3,991.44
1/2	73.85	397.25	724.23	1,051.63	1,379.04	1,706.44	2,033.84	2,361.25	2,688.65	3,016.05	3,343.45	3,670.86	3,998.28
3/4	79.98	404.05	731.05	1,058.45	1,386.86	1,713.26	2,040.66	2,368.07	2,695.47	3,022.87	3,350.28	3,677.68	4,005.08
6	86.67	410.85	737.87	1,065.27	1,392.68	1,720.08	2,047.48	2,374.89	2,702.29	3,029.69	3,357.10	3,684.50	4,011.33
1/4	93.37	417.66	744.69	1,072.10	1,399.50	1,726.90	2,054.30	2,381.71	2,709.11	3,036.51	3,363.92	3,691.32	4,017.59
1/2	100.06	424.46	751.51	1,078.92	1,406.32	1,733.72	2,061.13	2,388.53	2,715.93	3,043.34	3,370.74	3,698.14	4,023.84
3/4	106.75	431.27	758.33	1,085.74	1,413.14	1,740.54	2,067.95	2,395.35	2,722.75	3,050.16	3,377.56	3,704.96	4,030.09
7	113.45	438.07	765.15	1,092.56	1,419.96	1,747.36	2,074.77	2,402.17	2,729.57	3,056.98	3,384.38	3,711.76	4,035.21
1/4	120.14	444.87	771.98	1,099.38	1,426.78	1,754.19	2,081.59	2,408.99	2,736.39	3,063.80	3,391.20	3,718.60	4,040.32
1/2	126.84	451.68	778.80	1,106.20	1,433.60	1,761.01	2,088.41	2,415.81	2,743.22	3,070.62	3,398.02	3,725.43	4,045.44
3/4	133.53	458.48	785.62	1,113.02	1,440.42	1,767.83	2,095.23	2,422.63	2,750.04	3,077.44	3,404.84	3,732.25	4,050.55
8	140.22	465.29	792.44	1,119.84	1,447.24	1,774.65	2,102.05	2,429.45	2,756.86	3,084.26	3,411.65	3,739.07	4,054.53
1/4	146.92	472.09	799.26	1,126.66	1,454.07	1,781.47	2,108.87	2,436.28	2,763.68	3,091.08	3,418.48	3,745.89	4,058.51
1/2	153.61	478.90	806.08	1,133.48	1,460.89	1,788.29	2,115.69	2,443.10	2,770.50	3,097.90	3,425.31	3,752.71	4,062.49
3/4	160.31	485.70	812.90	1,140.30	1,467.71	1,795.11	2,122.51	2,449.92	2,777.32	3,104.72	3,432.13	3,759.53	4,066.47
3/4	167.00	492.50	819.72	1,147.13	1,474.53	1,801.93	2,129.33	2,456.74	2,784.14	3,111.54	3,438.95	3,766.35	4,069.31

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
	Volume												
9	173.69	499.31	826.54	1,153.95	1,481.35	1,808.75	2,136.16	2,463.56	2,790.96	3,118.37	3,445.77	3,773.17	4,072.15
1/4	180.39	506.11	833.36	1,160.77	1,488.17	1,815.57	2,142.98	2,470.38	2,797.78	3,125.19	3,452.59	3,779.99	4,074.99
1/2	187.08	512.92	840.18	1,167.59	1,494.99	1,822.39	2,149.80	2,477.20	2,804.60	3,132.01	3,459.41	3,785.81	4,077.83
3/4	193.78	519.72	847.01	1,174.41	1,501.81	1,829.22	2,156.62	2,484.02	2,811.42	3,138.83	3,466.23	3,793.63	4,079.53
10	200.47	525.52	853.83	1,181.23	1,508.63	1,836.04	2,163.44	2,490.84	2,818.25	3,145.65	3,473.05	3,800.46	4,081.24
1/4	207.16	533.33	860.65	1,188.05	1,515.45	1,842.86	2,170.26	2,497.66	2,825.07	3,152.47	3,479.87	3,807.28	4,082.94
1/2	213.86	540.13	867.47	1,194.87	1,522.27	1,849.68	2,177.08	2,504.48	2,831.89	3,159.29	3,486.69	3,814.10	4,084.65
3/4	220.55	546.94	874.29	1,201.69	1,529.10	1,856.50	2,183.90	2,511.31	2,838.71	3,166.11	3,493.51	3,820.92	4,085.21
11	227.24	553.74	881.11	1,208.51	1,535.92	1,863.32	2,190.72	2,518.13	2,845.53	3,172.93	3,500.34	3,827.74	4,085.76
1/4	233.94	560.54	887.93	1,215.33	1,542.74	1,870.14	2,197.54	2,524.95	2,852.35	3,179.75	3,507.16	3,834.56	4,086.35
1/2	240.63	567.35	894.75	1,222.16	1,549.56	1,876.96	2,204.36	2,531.77	2,859.17	3,186.57	3,513.98	3,841.38	
3/4	247.45	574.17	901.57	1,228.98	1,556.38	1,883.78	2,211.19	2,538.59	2,865.99	3,193.40	3,520.80	3,848.20	

BARGE ID HBL-1601
COMP 3

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
0	Volume												
1/4	1.31	252.16	576.24	901.01	1,225.78	1,550.54	1,875.31	2,200.08	2,524.85	2,849.62	3,174.38	3,440.88	3,700.60
1/2	1.87	258.92	583.01	907.77	1,232.54	1,557.31	1,882.08	2,206.85	2,531.61	2,856.38	3,181.15	3,446.29	3,706.01
3/4	2.43	265.68	589.77	914.54	1,239.31	1,564.08	1,888.84	2,213.61	2,538.38	2,863.15	3,187.92	3,451.70	3,711.42
1	4.11	272.45	596.54	921.31	1,246.07	1,570.84	1,895.61	2,220.38	2,545.15	2,869.91	3,194.23	3,457.11	3,716.83
1/4	5.80	279.21	603.30	928.07	1,252.84	1,577.61	1,902.38	2,227.14	2,551.91	2,876.68	3,200.54	3,462.52	3,722.24
1/2	7.49	285.98	610.07	934.84	1,259.61	1,584.37	1,909.14	2,233.91	2,558.68	2,883.45	3,206.86	3,467.93	3,727.65
3/4	9.17	292.74	616.84	941.60	1,266.37	1,591.14	1,915.91	2,240.68	2,565.44	2,890.21	3,213.17	3,473.34	3,733.06
2	11.86	299.49	623.60	948.37	1,273.14	1,597.91	1,922.67	2,247.44	2,572.21	2,896.98	3,218.81	3,478.75	3,738.47
1/4	14.55	306.24	630.37	955.14	1,279.90	1,604.67	1,929.44	2,254.21	2,578.98	2,903.74	3,224.45	3,484.17	3,743.88
1/2	17.24	312.99	637.13	961.90	1,286.67	1,611.44	1,936.21	2,260.97	2,585.74	2,910.51	3,229.86	3,489.58	3,749.29
3/4	19.93	319.74	643.90	968.67	1,293.44	1,618.20	1,942.97	2,267.74	2,592.51	2,917.28	3,235.27	3,494.99	3,754.71
3	23.75	325.49	650.67	975.43	1,300.20	1,624.97	1,949.74	2,274.51	2,599.27	2,924.04	3,240.68	3,500.40	3,760.12
1/4	27.57	333.24	657.43	982.20	1,306.97	1,631.74	1,956.50	2,281.27	2,606.04	2,930.81	3,246.09	3,505.81	3,765.53
1/2	31.39	339.98	664.20	988.97	1,313.73	1,638.50	1,963.27	2,288.04	2,612.81	2,937.57	3,251.50	3,511.22	3,770.94
3/4	35.21	346.73	670.96	995.73	1,320.50	1,645.27	1,970.04	2,294.80	2,619.57	2,944.34	3,256.91	3,516.63	3,776.35
4	40.15	353.48	677.73	1,002.50	1,327.27	1,652.03	1,976.80	2,301.57	2,626.34	2,951.11	3,262.32	3,522.04	3,781.76
1/4	45.10	360.23	684.50	1,009.26	1,334.03	1,658.80	1,983.57	2,308.34	2,633.10	2,957.87	3,267.73	3,527.45	3,787.17
1/2	50.05	366.98	691.26	1,016.03	1,340.80	1,665.57	1,990.33	2,315.10	2,639.87	2,964.64	3,273.14	3,532.86	3,792.58
3/4	54.99	373.73	698.03	1,022.80	1,347.56	1,672.33	1,997.10	2,321.87	2,646.64	2,971.40	3,278.55	3,538.27	3,797.99
5	61.07	380.48	704.79	1,029.56	1,354.33	1,679.10	2,003.87	2,328.63	2,653.40	2,978.17	3,283.97	3,543.68	3,803.40
1/4	67.14	387.23	711.56	1,036.33	1,361.10	1,685.86	2,010.63	2,335.40	2,660.17	2,984.94	3,289.38	3,549.09	3,808.81
1/2	73.22	393.98	718.33	1,043.09	1,367.86	1,692.63	2,017.40	2,342.17	2,666.93	2,991.70	3,294.79	3,554.51	3,814.22
3/4	79.29	400.73	725.09	1,049.86	1,374.63	1,699.40	2,024.16	2,348.93	2,673.70	2,998.47	3,300.20	3,559.92	3,819.63
6	85.93	407.48	731.86	1,056.63	1,381.39	1,706.16	2,030.93	2,355.70	2,680.47	3,005.23	3,305.61	3,565.33	3,824.59
1/4	92.57	414.23	738.62	1,063.39	1,388.16	1,712.93	2,037.70	2,362.46	2,687.23	3,012.00	3,311.02	3,570.74	3,829.55
1/2	99.21	420.98	745.39	1,070.16	1,394.93	1,719.69	2,044.46	2,369.23	2,694.00	3,018.77	3,316.43	3,576.15	3,834.51
3/4	105.85	427.72	752.16	1,076.92	1,401.69	1,726.46	2,051.23	2,376.00	2,700.76	3,025.53	3,321.84	3,581.56	3,839.47
7	112.49	434.47	758.92	1,083.69	1,408.46	1,733.23	2,057.99	2,382.76	2,707.53	3,032.30	3,327.25	3,586.97	3,843.53
1/4	119.13	441.22	765.69	1,090.46	1,415.22	1,739.99	2,064.76	2,389.53	2,714.30	3,039.06	3,332.66	3,592.38	3,847.59
1/2	125.76	447.97	772.45	1,097.22	1,421.99	1,746.76	2,071.53	2,396.29	2,721.06	3,045.83	3,338.07	3,597.79	3,851.64
3/4	132.40	454.72	779.22	1,103.99	1,428.76	1,753.52	2,078.29	2,403.06	2,727.83	3,052.60	3,343.48	3,603.20	3,855.70
8	139.04	461.47	785.99	1,110.75	1,435.52	1,760.29	2,085.06	2,409.83	2,734.89	3,059.36	3,348.90	3,608.61	3,858.86
1/4	145.68	468.22	792.75	1,117.52	1,442.29	1,767.06	2,091.82	2,416.59	2,741.36	3,066.13	3,354.31	3,614.02	3,862.81
1/2	152.32	474.97	799.52	1,124.29	1,449.05	1,773.82	2,098.59	2,423.36	2,748.13	3,072.89	3,359.72	3,619.44	3,865.17
3/4	158.96	481.72	806.28	1,131.05	1,455.82	1,780.59	2,105.36	2,430.12	2,754.89	3,079.66	3,365.13	3,624.85	3,868.32
3/4	165.60	488.47	813.05	1,137.82	1,462.59	1,787.35	2,112.12	2,436.89	2,761.66	3,086.43	3,370.54	3,630.26	3,870.57

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
	Volume												
9	172.24	495.22	819.82	1,144.58	1,469.35	1,794.12	2,118.89	2,443.66	2,768.42	3,093.19	3,375.95	3,635.67	3,873.82
1/4	178.88	501.97	826.58	1,151.35	1,476.12	1,800.89	2,125.65	2,450.42	2,775.19	3,099.96	3,381.36	3,641.08	3,875.08
1/2	185.52	508.71	833.35	1,158.12	1,482.88	1,807.65	2,132.42	2,457.19	2,781.96	3,106.72	3,386.77	3,646.49	3,877.33
3/4	192.15	515.46	840.11	1,164.88	1,489.65	1,814.42	2,139.19	2,463.95	2,788.72	3,113.49	3,392.18	3,651.90	3,878.68
10	198.79	522.21	846.88	1,171.65	1,496.42	1,821.18	2,145.95	2,470.72	2,795.49	3,120.26	3,397.59	3,657.31	3,880.03
1/4	205.43	528.96	853.65	1,178.41	1,503.18	1,827.95	2,152.72	2,477.49	2,802.25	3,127.02	3,403.00	3,662.72	3,881.35
1/2	212.07	535.71	860.41	1,185.18	1,509.95	1,834.72	2,159.48	2,484.25	2,809.02	3,133.79	3,408.41	3,668.13	3,882.73
3/4	218.71	542.46	867.18	1,191.95	1,516.71	1,841.48	2,166.25	2,491.02	2,815.79	3,140.55	3,413.82	3,673.54	3,883.17
11	225.35	549.21	873.94	1,198.71	1,523.48	1,848.25	2,173.02	2,497.78	2,822.55	3,147.32	3,419.24	3,678.95	3,883.62
1/4	231.99	555.96	880.71	1,205.48	1,530.25	1,855.01	2,179.78	2,504.55	2,829.32	3,154.09	3,424.65	3,684.36	
1/2	238.63	562.71	887.48	1,212.24	1,537.01	1,861.78	2,186.55	2,511.65	2,836.08	3,160.85	3,430.06	3,689.78	3,884.07
3/4	245.39	569.47	894.24	1,219.01	1,543.78	1,868.55	2,193.31	2,518.08	2,842.85	3,167.62	3,435.47	3,695.19	