



BARGE "HFL - 3076" HINES FURLONG LINE

INNAGE TABLE

1 PORT OR STAR



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

HULL NO. 4755

IN	0 FT.	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.
0	* 1.56	0	284.19	0	640.91	0	1,000.72	0	1,360.53	0	1,720.34	0	2,080.14	0	2,439.95	0	2,799.76	0	3,159.57	0	3,519.38	0	3,879.18	0	4,238.99	0	4,598.80	0	4,958.61		
1/4	2.84	1/4	291.39	1/4	648.41	1/4	1,008.22	1/4	1,368.02	1/4	1,727.83	1/4	2,087.64	1/4	2,447.45	1/4	2,807.26	1/4	3,167.06	1/4	3,526.87	1/4	3,886.68	1/4	4,246.49	1/4	4,606.30	1/4	4,966.10		
1/2	4.12	1/2	298.60	1/2	655.90	1/2	1,015.71	1/2	1,375.52	1/2	1,735.33	1/2	2,095.14	1/2	2,454.94	1/2	2,814.75	1/2	3,174.56	1/2	3,534.37	1/2	3,894.18	1/2	4,253.99	1/2	4,613.79	1/2	4,973.60		
3/4	5.40	3/4	305.80	3/4	663.40	3/4	1,023.21	3/4	1,383.02	3/4	1,742.82	3/4	2,102.63	3/4	2,462.44	3/4	2,822.25	3/4	3,182.06	3/4	3,541.86	3/4	3,901.67	3/4	4,261.48	3/4	4,621.29	3/4	4,981.10		
1	8.40	1	313.00	1	670.90	1	1,030.70	1	1,390.51	1	1,750.32	1	2,110.13	1	2,469.94	1	2,829.74	1	3,189.55	1	3,549.36	1	3,909.17	1	4,268.98	1	4,628.78	1	4,988.59		
1/4	11.41	1/4	320.21	1/4	678.39	1/4	1,038.20	1/4	1,398.01	1/4	1,757.82	1/4	2,117.62	1/4	2,477.43	1/4	2,837.24	1/4	3,197.05	1/4	3,556.86	1/4	3,916.66	1/4	4,276.47	1/4	4,636.28	1/4	4,996.09		
1/2	14.41	1/2	327.41	1/2	685.89	1/2	1,046.70	1/2	1,406.50	1/2	1,766.31	1/2	2,126.12	1/2	2,485.93	1/2	2,845.74	1/2	3,205.54	1/2	3,565.35	1/2	3,925.16	1/2	4,284.97	1/2	4,644.78	1/2	5,004.58		
3/4	17.42	3/4	334.62	3/4	693.38	3/4	1,055.19	3/4	1,415.00	3/4	1,774.81	3/4	2,134.62	3/4	2,494.42	3/4	2,854.23	3/4	3,214.04	3/4	3,573.85	3/4	3,933.66	3/4	4,293.47	3/4	4,653.27	3/4	5,013.08		
2	22.03	2	341.94	2	700.88	2	1,060.69	2	1,420.50	2	1,780.30	2	2,140.11	2	2,499.92	2	2,859.73	2	3,219.54	2	3,579.34	2	3,939.15	2	4,298.96	2	4,658.77	2	5,018.58		
1/4	26.64	1/4	349.27	1/4	708.38	1/4	1,068.18	1/4	1,427.99	1/4	1,787.80	1/4	2,147.61	1/4	2,507.42	1/4	2,867.22	1/4	3,227.03	1/4	3,586.84	1/4	3,946.65	1/4	4,306.46	1/4	4,666.26	1/4	5,025.22		
1/2	31.26	1/2	356.60	1/2	715.87	1/2	1,075.68	1/2	1,435.49	1/2	1,795.30	1/2	2,155.10	1/2	2,514.91	1/2	2,874.72	1/2	3,234.53	1/2	3,594.34	1/2	3,954.14	1/2	4,313.95	1/2	4,673.76	1/2	5,032.30		
3/4	35.87	3/4	363.93	3/4	723.37	3/4	1,083.18	3/4	1,442.98	3/4	1,802.79	3/4	2,162.60	3/4	2,522.41	3/4	2,882.22	3/4	3,242.02	3/4	3,601.83	3/4	3,961.64	3/4	4,321.45	3/4	4,681.26	3/4	5,039.37		
3	41.78	3	371.26	3	730.86	3	1,090.67	3	1,450.48	3	1,810.29	3	2,170.10	3	2,529.90	3	2,889.71	3	3,249.52	3	3,609.33	3	3,969.14	3	4,328.94	3	4,688.75	3	5,048.56		
1/4	47.68	1/4	378.58	1/4	738.36	1/4	1,098.17	1/4	1,457.98	1/4	1,817.78	1/4	2,177.59	1/4	2,537.40	1/4	2,897.21	1/4	3,257.02	1/4	3,616.82	1/4	3,976.63	1/4	4,336.44	1/4	4,696.25	1/4	5,051.25		
1/2	54.02	1/2	385.91	1/2	745.86	1/2	1,105.66	1/2	1,465.47	1/2	1,825.28	1/2	2,185.09	1/2	2,544.90	1/2	2,904.70	1/2	3,264.51	1/2	3,624.32	1/2	3,984.13	1/2	4,343.94	1/2	4,703.74	1/2	5,057.19		
3/4	60.36	3/4	393.24	3/4	753.35	3/4	1,113.16	3/4	1,472.97	3/4	1,832.78	3/4	2,192.58	3/4	2,552.39	3/4	2,912.20	3/4	3,272.01	3/4	3,631.82	3/4	3,991.62	3/4	4,351.43	3/4	4,711.24	3/4	5,063.14		
4	66.82	4	400.69	4	760.85	4	1,120.66	4	1,480.46	4	1,840.27	4	2,200.08	4	2,559.89	4	2,919.70	4	3,279.50	4	3,639.31	4	3,999.12	4	4,358.93	4	4,718.74	4	5,079.54		
1/4	73.29	1/4	408.14	1/4	768.34	1/4	1,128.15	1/4	1,487.96	1/4	1,847.77	1/4	2,207.58	1/4	2,567.38	1/4	2,927.19	1/4	3,287.00	1/4	3,646.81	1/4	4,006.62	1/4	4,366.42	1/4	4,726.23	1/4	5,072.75		
1/2	79.75	1/2	415.60	1/2	775.84	1/2	1,135.65	1/2	1,495.46	1/2	1,855.26	1/2	2,215.07	1/2	2,574.88	1/2	2,934.69	1/2	3,294.50	1/2	3,654.30	1/2	4,014.11	1/2	4,373.92	1/2	4,733.73	1/2	5,077.55		
3/4	86.22	3/4	423.05	3/4	783.34	3/4	1,143.14	3/4	1,502.95	3/4	1,862.76	3/4	2,222.57	3/4	2,582.38	3/4	2,942.18	3/4	3,301.99	3/4	3,661.80	3/4	4,021.61	3/4	4,381.42	3/4	4,741.22	3/4	5,082.36		
5	92.68	5	430.50	5	790.83	5	1,150.64	5	1,510.45	5	1,870.26	5	2,230.06	5	2,589.87	5	2,949.68	5	3,309.49	5	3,669.30	5	4,029.10	5	4,388.91	5	4,748.72	5	5,086.03		
1/4	99.14	1/4	437.95	1/4	798.33	1/4	1,158.14	1/4	1,517.94	1/4	1,877.75	1/4	2,237.56	1/4	2,597.37	1/4	2,957.18	1/4	3,316.98	1/4	3,676.79	1/4	4,036.60	1/4	4,396.41	1/4	4,756.22	1/4	5,089.71		
1/2	105.61	1/2	445.40	1/2	805.82	1/2	1,165.63	1/2	1,525.44	1/2	1,885.25	1/2	2,245.06	1/2	2,604.86	1/2	2,964.67	1/2	3,324.48	1/2	3,684.29	1/2	4,044.10	1/2	4,403.90	1/2	4,763.71	1/2	5,093.38		
3/4	112.07	3/4	452.86	3/4	813.32	3/4	1,173.13	3/4	1,532.94	3/4	1,892.74	3/4	2,252.55	3/4	2,612.36	3/4	2,972.17	3/4	3,331.98	3/4	3,691.78	3/4	4,051.59	3/4	4,411.40	3/4	4,771.21	3/4	5,097.06		
6	118.66	6	460.43	6	820.82	6	1,180.62	6	1,540.43	6	1,900.24	6	2,260.05	6	2,619.86	6	2,979.66	6	3,339.47	6	3,699.28	6	4,059.09	6	4,418.90	6	4,778.70	6	5,099.60		
1/4	125.24	1/4	468.01	1/4	828.31	1/4	1,188.12	1/4	1,547.93	1/4	1,907.74	1/4	2,267.54	1/4	2,627.35	1/4	2,987.16	1/4	3,346.97	1/4	3,706.78	1/4	4,066.58	1/4	4,426.39	1/4	4,786.20	1/4	5,102.15		
1/2	131.83	1/2	475.59	1/2	835.81	1/2	1,195.62	1/2	1,555.42	1/2	1,915.23	1/2	2,275.04	1/2	2,634.85	1/2	2,994.66	1/2	3,354.46	1/2	3,714.27	1/2	4,074.08	1/2	4,433.89	1/2	4,793.70	1/2	5,104.69		
3/4	138.42	3/4	483.17	3/4	843.30	3/4	1,203.11	3/4	1,562.92	3/4	1,922.73	3/4	2,282.54	3/4	2,642.34	3/4	3,002.15	3/4	3,361.96	3/4	3,721.77	3/4	4,081.58	3/4	4,441.38	3/4	4,801.19	3/4	5,107.24		
7	145.00	7	490.75	7	850.80	7	1,210.61	7	1,570.42	7	1,930.22	7	2,290.03	7	2,649.84	7	3,009.65	7	3,369.46	7	3,729.26	7	4,089.07	7	4,448.88	7	4,808.69	7	5,108.65		
1/4	151.59	1/4	498.32	1/4	858.30	1/4	1,218.10	1/4	1,577.91	1/4	1,937.72	1/4	2,297.53	1/4	2,657.34	1/4	3,017.14	1/4	3,376.95	1/4	3,736.76	1/4	4,096.57	1/4	4,456.38	1/4	4,816.18	1/4	5,110.06		
1/2	158.17	1/2	505.90	1/2	865.79	1/2	1,225.60	1/2	1,585.41	1/2	1,945.22	1/2	2,305.02	1/2	2,664.83	1/2	3,024.64	1/2	3,384.45	1/2	3,744.26	1/2	4,104.06	1/2	4,463.87	1/2	4,823.68	1/2	5,111.48		
3/4	164.76	3/4	513.48	3/4	873.29	3/4	1,233.10	3/4	1,592.90	3/4	1,952.71	3/4	2,315.22	3/4	2,672.33	3/4	3,032.14	3/4	3,391.94	3/4	3,751.75	3/4	4,111.56	3/4	4,471.37	3/4	4,831.18	3/4	5,112.89		
8	171.71	8	520.98	8	880.78	8	1,240.59	8	1,600.40	8	1,960.21	8	2,320.02	8	2,679.82	8	3,039.63	8	3,399.44	8	3,759.25	8	4,119.06	8	4,478.86	8	4,838.67	8	5,113.30		
1/4	178.66	1/4	528.47	1/4	888.28	1/4	1,248.09	1/4	1,607.90	1/4	1,967.70	1/4	2,327.51	1/4	2,687.32	1/4	3,047.13	1/4	3,406.94	1/4	3,766.74	1/4	4,126.55	1/4	4,486.36	1/4	4,846.17	1/4	5,113.72		
1/2	185.62	1/2	535.97	1/2	895.78	1/2	1,255.58	1/2	1,615.39	1/2	1,975.20	1/2	2,335.01	1/2	2,694.82	1/2	3,056.62	1/2	3,414.43	1/2	3,774.24	1/2	4,134.05	1/2	4,493.86	1/2	4,853.66	1/2	5,114.14		
3/4	192.57	3/4	543.46	3/4	903.27	3/4	1,263.08	3/4	1,622.89	3/4	1,982.70	3/4	2,342.50	3/4	2,702.31	3/4	3,062.12	3/4	3,421.93	3/4	3,781.74	3/4	4,141.54	3/4	4,501.35	3/4	4,861.16	3/4	5,114.56		
9	199.52	9	550.96	9	910.77	9	1,270.58	9	1,630.38	9	1,990.19	9	2,350.00	9	2,709.81	9	3,069.62	9	3,429.42	9	3,789.23	9	4,149.04	9	4,508.85	9	4,868.66	9	5,114.97		
1/4	206.47	1/4	558.46	1/4	918.26	1/4	1,278.07	1/4	1,637.88	1/4	1,997.69	1/4	2,357.50	1/4	2,717.30	1/4															



BUREAU VERITAS

BARGE "HFL - 3076" HINES FURLONG LINE

INNAGE TABLE

2 PORT OR STAR

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

HULL NO. 4755

Table with 17 columns (0 FT. to 15 FT.) and multiple rows of data for various measurements and capacities.

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 12/10/2014

REISSUED: 05/19/2021 (TO REFLECT CHANGE OF BARGE NAME AND OWNERSHIP) BARGE NOT RESTRAPPED

* CAPACITY BELOW STRIKE POINT.

PORT REFERENCE GAUGE HEIGHT: 17'-2 3/4" (TO RIM OF 2" DIAMETER BALL VALVE LOCATED ON EXPANSION DOME)

STAR REFERENCE GAUGE HEIGHT: 17'-2 3/4" (TO RIM OF 2" DIAMETER BALL VALVE LOCATED ON EXPANSION DOME)

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

BUREAU VERITAS NORTH AMERICA



**BUREAU
VERITAS**

BARGE "HFL - 3076" HINES FURLONG LINE

INNAGE TABLE

3 PORT OR STAR

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

HULL NO. 4755

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.		15 FT.	
0	*	1.36	0	314.32	0	679.52	0	1,043.23	0	1,407.26	0	1,771.29	0	2,135.32	0	2,499.35	0	2,863.39	0	3,227.42	0	3,577.90	0	3,855.20	0	4,088.83	0	4,342.46	0	4,596.09			
1/4		2.44	1/4	321.93	1/4	687.10	1/4	1,050.81	1/4	1,414.84	1/4	1,778.87	1/4	2,142.91	1/4	2,506.94	1/4	2,870.97	1/4	3,235.00	1/4	3,580.96	1/4	3,861.62	1/4	4,094.11	1/4	4,347.75	1/4	4,601.38			
1/2		3.51	1/2	329.54	1/2	694.68	1/2	1,058.39	1/2	1,422.43	1/2	1,786.46	1/2	2,150.49	1/2	2,514.52	1/2	2,878.55	1/2	3,242.59	1/2	3,590.02	1/2	3,845.77	1/2	4,099.40	1/2	4,353.03	1/2	4,606.66			
3/4		4.59	3/4	337.15	3/4	702.25	3/4	1,066.98	3/4	1,430.01	3/4	1,794.04	3/4	2,158.07	3/4	2,522.11	3/4	2,886.14	3/4	3,250.17	3/4	3,595.74	3/4	3,851.05	3/4	4,104.68	3/4	4,358.31	3/4	4,611.95			
1		7.92	1	344.76	1	709.83	1	1,073.56	1	1,437.59	1	1,801.63	1	2,165.66	1	2,529.69	1	2,893.72	1	3,257.75	1	3,601.45	1	3,856.33	1	4,109.97	1	4,363.60	1	4,617.23			
1/4		11.25	1/4	352.37	1/4	717.41	1/4	1,081.15	1/4	1,445.18	1/4	1,809.21	1/4	2,173.24	1/4	2,537.27	1/4	2,901.31	1/4	3,265.34	1/4	3,607.17	1/4	3,861.62	1/4	4,115.25	1/4	4,368.88	1/4	4,622.51			
1/2		14.58	1/2	359.98	1/2	724.99	1/2	1,088.73	1/2	1,452.76	1/2	1,816.79	1/2	2,180.83	1/2	2,544.86	1/2	2,908.89	1/2	3,272.92	1/2	3,612.89	1/2	3,866.90	1/2	4,120.53	1/2	4,374.17	1/2	4,627.80			
3/4		17.91	3/4	367.59	3/4	732.56	3/4	1,096.31	3/4	1,460.35	3/4	1,824.38	3/4	2,188.41	3/4	2,552.44	3/4	2,916.47	3/4	3,280.51	3/4	3,618.30	3/4	3,872.19	3/4	4,125.82	3/4	4,379.45	3/4	4,633.08			
2		23.10	2	375.20	2	740.14	2	1,103.90	2	1,467.93	2	1,831.96	2	2,195.99	2	2,560.03	2	2,924.06	2	3,288.09	2	3,623.71	2	3,877.47	2	4,131.10	2	4,384.73	2	4,637.37			
1/4		28.29	1/4	382.80	1/4	747.72	1/4	1,111.48	1/4	1,475.51	1/4	1,839.55	1/4	2,203.58	1/4	2,567.61	1/4	2,931.64	1/4	3,295.67	1/4	3,629.12	1/4	3,882.75	1/4	4,136.39	1/4	4,390.02	1/4	4,642.86			
1/2		33.48	1/2	390.41	1/2	755.29	1/2	1,119.07	1/2	1,483.10	1/2	1,847.13	1/2	2,211.16	1/2	2,575.19	1/2	2,939.23	1/2	3,303.26	1/2	3,634.41	1/2	3,888.04	1/2	4,141.67	1/2	4,395.30	1/2	4,647.75			
3/4		38.68	3/4	398.02	3/4	762.87	3/4	1,126.65	3/4	1,490.68	3/4	1,854.71	3/4	2,218.75	3/4	2,582.78	3/4	2,946.81	3/4	3,310.84	3/4	3,639.69	3/4	3,893.32	3/4	4,146.95	3/4	4,400.59	3/4	4,652.55			
3		45.50	3	405.63	3	770.45	3	1,134.23	3	1,498.27	3	1,862.30	3	2,226.33	3	2,590.36	3	2,954.39	3	3,318.43	3	3,644.97	3	3,898.61	3	4,152.24	3	4,405.87	3	4,656.75			
1/4		52.33	1/4	413.24	1/4	778.02	1/4	1,141.82	1/4	1,505.85	1/4	1,869.88	1/4	2,233.91	1/4	2,597.95	1/4	2,961.98	1/4	3,326.01	1/4	3,650.26	1/4	3,903.89	1/4	4,157.52	1/4	4,411.15	1/4	4,660.86			
1/2		59.70	1/2	420.85	1/2	785.60	1/2	1,149.40	1/2	1,513.43	1/2	1,877.47	1/2	2,241.50	1/2	2,605.53	1/2	2,969.56	1/2	3,333.59	1/2	3,655.54	1/2	3,909.17	1/2	4,162.81	1/2	4,416.44	1/2	4,664.97			
3/4		67.07	3/4	428.46	3/4	793.18	3/4	1,156.99	3/4	1,521.02	3/4	1,885.05	3/4	2,249.08	3/4	2,613.11	3/4	2,977.15	3/4	3,341.18	3/4	3,660.83	3/4	3,914.46	3/4	4,168.09	3/4	4,421.72	3/4	4,669.88			
4		74.44	4	436.07	4	800.76	4	1,164.57	4	1,528.60	4	1,892.63	4	2,256.67	4	2,620.70	4	2,984.73	4	3,348.76	4	3,666.11	4	3,919.74	4	4,173.37	4	4,427.01	4	4,672.40			
1/4		81.60	1/4	443.68	1/4	808.33	1/4	1,172.15	1/4	1,536.19	1/4	1,900.22	1/4	2,264.25	1/4	2,628.28	1/4	2,992.31	1/4	3,356.35	1/4	3,671.31	1/4	3,922.03	1/4	4,176.66	1/4	4,432.29	1/4	4,677.53			
1/2		89.17	1/2	451.29	1/2	815.91	1/2	1,179.74	1/2	1,543.77	1/2	1,907.80	1/2	2,271.83	1/2	2,635.87	1/2	2,999.90	1/2	3,363.93	1/2	3,676.68	1/2	3,930.31	1/2	4,183.94	1/2	4,437.57	1/2	4,679.05			
3/4		96.54	3/4	458.89	3/4	823.49	3/4	1,187.32	3/4	1,551.35	3/4	1,915.39	3/4	2,279.42	3/4	2,643.45	3/4	3,007.48	3/4	3,371.51	3/4	3,681.96	3/4	3,935.59	3/4	4,189.23	3/4	4,442.86	3/4	4,692.38			
5		103.91	5	466.50	5	831.06	5	1,194.91	5	1,558.94	5	1,922.97	5	2,287.00	5	2,651.03	5	3,015.07	5	3,379.10	5	3,687.25	5	3,940.88	5	4,194.51	5	4,448.14	5	4,694.92			
1/4		111.28	1/4	474.11	1/4	838.64	1/4	1,202.49	1/4	1,566.52	1/4	1,930.55	1/4	2,294.59	1/4	2,658.62	1/4	3,022.65	1/4	3,386.68	1/4	3,692.53	1/4	3,946.16	1/4	4,199.79	1/4	4,453.43	1/4	4,697.46			
1/2		118.65	1/2	481.72	1/2	846.22	1/2	1,210.07	1/2	1,574.11	1/2	1,938.14	1/2	2,302.17	1/2	2,666.20	1/2	3,030.23	1/2	3,394.27	1/2	3,697.81	1/2	3,951.45	1/2	4,205.08	1/2	4,458.71	1/2	4,699.00			
3/4		126.02	3/4	489.33	3/4	853.79	3/4	1,217.66	3/4	1,581.69	3/4	1,945.72	3/4	2,309.75	3/4	2,673.79	3/4	3,037.82	3/4	3,401.85	3/4	3,703.10	3/4	3,956.73	3/4	4,210.36	3/4	4,463.99	3/4	4,692.55			
6		133.39	6	496.94	6	861.37	6	1,225.24	6	1,589.27	6	1,953.31	6	2,317.34	6	2,681.37	6	3,045.40	6	3,409.43	6	3,708.38	6	3,962.01	6	4,215.65	6	4,469.28	6	4,694.31			
1/4		140.76	1/4	504.55	1/4	868.95	1/4	1,232.83	1/4	1,596.86	1/4	1,960.89	1/4	2,324.92	1/4	2,688.95	1/4	3,052.99	1/4	3,417.02	1/4	3,713.67	1/4	3,967.30	1/4	4,220.93	1/4	4,474.56	1/4	4,696.07			
1/2		148.13	1/2	512.16	1/2	876.53	1/2	1,240.41	1/2	1,604.44	1/2	1,968.47	1/2	2,332.51	1/2	2,696.54	1/2	3,060.57	1/2	3,424.60	1/2	3,718.95	1/2	3,972.58	1/2	4,226.21	1/2	4,479.85	1/2	4,697.83			
3/4		155.49	3/4	519.77	3/4	884.10	3/4	1,247.99	3/4	1,612.03	3/4	1,976.06	3/4	2,340.09	3/4	2,704.12	3/4	3,068.15	3/4	3,432.19	3/4	3,724.23	3/4	3,977.87	3/4	4,231.50	3/4	4,485.13	3/4	4,699.59			
7		162.86	7	527.38	7	891.68	7	1,255.58	7	1,619.61	7	1,983.64	7	2,347.67	7	2,711.71	7	3,075.74	7	3,439.77	7	3,729.52	7	3,983.15	7	4,236.78	7	4,490.41	7	4,700.56			
1/4		170.23	1/4	534.98	1/4	899.26	1/4	1,263.16	1/4	1,627.19	1/4	1,991.23	1/4	2,355.26	1/4	2,719.29	1/4	3,083.32	1/4	3,447.35	1/4	3,734.80	1/4	3,988.43	1/4	4,242.07	1/4	4,495.70	1/4	4,701.54			
1/2		177.60	1/2	542.59	1/2	906.83	1/2	1,270.75	1/2	1,634.78	1/2	1,998.81	1/2	2,362.84	1/2	2,726.87	1/2	3,090.91	1/2	3,454.94	1/2	3,740.09	1/2	3,993.72	1/2	4,247.35	1/2	4,500.98	1/2	4,702.51			
3/4		184.97	3/4	550.20	3/4	914.41	3/4	1,278.33	3/4	1,642.36	3/4	2,006.39	3/4	2,370.43	3/4	2,734.46	3/4	3,098.49	3/4	3,462.38	3/4	3,745.37	3/4	3,999.00	3/4	4,252.63	3/4	4,506.27	3/4	4,703.49			
8		192.58	8	557.81	8	921.99	8	1,285.91	8	1,649.95	8	2,013.98	8	2,378.01	8	2,742.04	8	3,106.07	8	3,469.83	8	3,750.65	8	4,004.29	8	4,257.92	8	4,511.55	8	4,703.78			
1/4		200.19	1/4	565.42	1/4	929.56	1/4	1,293.50	1/4	1,657.53	1/4	2,021.56	1/4	2,385.59	1/4	2,749.63	1/4	3,113.66	1/4	3,477.28	1/4	3,756.94	1/4	4,009.57	1/4	4,263.20	1/4	4,516.83	1/4	4,704.07			
1/2		207.80	1/2	573.03	1/2	937.14	1/2	1,301.08	1/2	1,665.11	1/2	2,029.15	1/2	2,393.18	1/2	2,757.21	1/2	3,121.24	1/2	3,484.73	1/2	3,761.22	1/2	4,014.85	1/2	4,268.49	1/2	4,522.12	1/2	4,704.36			
3/4		215.41	3/4	580.64	3/4	944.72	3/4	1,308.67	3/4	1,672.70	3/4	2,036.73	3/4	2,400.76	3/4	2,764.79	3/4	3,128.83	3/4	3,491.83	3/4	3,766.51	3/4	4,020.14	3/4	4,273.77	3/4	4,527.40	3/4	4,704.77			
9		223.02	9	588.25	9	952.30	9	1,316.25	9	1,680.28	9	2,044.31	9	2,408.35	9	2,772.38	9																



**BARGE "HFL - 3076"
HINES FURLONG LINE
INNAGE TABLE**

**SLOP
(FWD)**

**BUREAU
VERITAS**

HULL NO. 4755

IN	0 FT.	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.
0	0	0	451	0	903	0	1,354	0	1,805	0	2,256	0	2,707	0	3,158	0	3,609	0	4,060	0	4,511	0	4,962	0	5,413	0	5,864	0	6,315	0	6,766
1/4	9	1/4	461	1/4	912	1/4	1,363	1/4	1,815	1/4	2,266	1/4	2,717	1/4	3,168	1/4	3,619	1/4	4,070	1/4	4,521	1/4	4,972	1/4	5,423	1/4	5,874	1/4	6,325	1/4	6,776
1/2	19	1/2	470	1/2	921	1/2	1,373	1/2	1,824	1/2	2,275	1/2	2,726	1/2	3,177	1/2	3,628	1/2	4,079	1/2	4,530	1/2	4,981	1/2	5,432	1/2	5,883	1/2	6,334	1/2	6,785
3/4	28	3/4	480	3/4	931	3/4	1,382	3/4	1,834	3/4	2,284	3/4	2,735	3/4	3,186	3/4	3,637	3/4	4,088	3/4	4,539	3/4	4,990	3/4	5,441	3/4	5,892	3/4	6,344	3/4	6,795
1	38	1	489	1	940	1	1,392	1	1,843	1	2,293	1	2,744	1	3,195	1	3,646	1	4,097	1	4,548	1	4,999	1	5,450	1	5,901	1	6,353	1	6,804
1/4	47	1/4	498	1/4	950	1/4	1,401	1/4	1,852	1/4	2,303	1/4	2,754	1/4	3,205	1/4	3,656	1/4	4,107	1/4	4,558	1/4	5,009	1/4	5,460	1/4	5,911	1/4	6,363	1/4	6,814
1/2	56	1/2	508	1/2	959	1/2	1,410	1/2	1,862	1/2	2,312	1/2	2,763	1/2	3,214	1/2	3,665	1/2	4,116	1/2	4,567	1/2	5,018	1/2	5,469	1/2	5,920	1/2	6,372	1/2	6,823
3/4	66	3/4	517	3/4	969	3/4	1,420	3/4	1,871	3/4	2,321	3/4	2,772	3/4	3,223	3/4	3,674	3/4	4,125	3/4	4,576	3/4	5,027	3/4	5,478	3/4	5,929	3/4	6,381	3/4	6,832
2	75	2	527	2	978	2	1,429	2	1,881	2	2,329	2	2,779	2	3,231	2	3,680	2	4,133	2	4,582	2	5,031	2	5,481	2	5,931	2	6,381	2	6,831
1/4	85	1/4	536	1/4	987	1/4	1,439	1/4	1,890	1/4	2,337	1/4	2,787	1/4	3,239	1/4	3,688	1/4	4,141	1/4	4,589	1/4	5,038	1/4	5,487	1/4	5,937	1/4	6,387	1/4	6,837
1/2	94	1/2	545	1/2	997	1/2	1,448	1/2	1,899	1/2	2,345	1/2	2,795	1/2	3,247	1/2	3,696	1/2	4,149	1/2	4,597	1/2	5,045	1/2	5,494	1/2	5,944	1/2	6,394	1/2	6,844
3/4	103	3/4	555	3/4	1,006	3/4	1,457	3/4	1,909	3/4	2,353	3/4	2,803	3/4	3,255	3/4	3,704	3/4	4,157	3/4	4,605	3/4	5,052	3/4	5,501	3/4	5,951	3/4	6,401	3/4	6,851
3	113	3	564	3	1,016	3	1,467	3	1,918	3	2,361	3	2,811	3	3,263	3	3,712	3	4,165	3	4,613	3	5,060	3	5,509	3	5,959	3	6,409	3	6,859
1/4	122	1/4	574	1/4	1,025	1/4	1,476	1/4	1,928	1/4	2,369	1/4	2,819	1/4	3,271	1/4	3,720	1/4	4,173	1/4	4,621	1/4	5,068	1/4	5,517	1/4	5,967	1/4	6,417	1/4	6,867
1/2	132	1/2	583	1/2	1,034	1/2	1,486	1/2	1,937	1/2	2,377	1/2	2,827	1/2	3,279	1/2	3,728	1/2	4,181	1/2	4,629	1/2	5,075	1/2	5,523	1/2	5,973	1/2	6,425	1/2	6,875
3/4	141	3/4	592	3/4	1,044	3/4	1,495	3/4	1,946	3/4	2,385	3/4	2,835	3/4	3,287	3/4	3,736	3/4	4,189	3/4	4,637	3/4	5,082	3/4	5,531	3/4	5,981	3/4	6,433	3/4	6,883
4	150	4	602	4	1,053	4	1,504	4	1,956	4	2,393	4	2,843	4	3,295	4	3,744	4	4,197	4	4,645	4	5,094	4	5,543	4	5,993	4	6,441	4	6,891
1/4	160	1/4	611	1/4	1,063	1/4	1,514	1/4	1,965	1/4	2,401	1/4	2,851	1/4	3,303	1/4	3,754	1/4	4,205	1/4	4,653	1/4	5,102	1/4	5,551	1/4	5,999	1/4	6,449	1/4	6,899
1/2	169	1/2	621	1/2	1,072	1/2	1,523	1/2	1,975	1/2	2,409	1/2	2,859	1/2	3,311	1/2	3,762	1/2	4,213	1/2	4,661	1/2	5,108	1/2	5,557	1/2	5,999	1/2	6,449	1/2	6,899
3/4	179	3/4	630	3/4	1,081	3/4	1,533	3/4	1,984	3/4	2,417	3/4	2,867	3/4	3,319	3/4	3,770	3/4	4,217	3/4	4,667	3/4	5,115	3/4	5,563	3/4	5,999	3/4	6,449	3/4	6,899
5	188	5	639	5	1,091	5	1,542	5	1,993	5	2,425	5	2,875	5	3,327	5	3,778	5	4,225	5	4,675	5	5,122	5	5,570	5	5,999	5	6,449	5	6,899
1/4	197	1/4	649	1/4	1,100	1/4	1,551	1/4	2,003	1/4	2,433	1/4	2,883	1/4	3,335	1/4	3,784	1/4	4,233	1/4	4,683	1/4	5,130	1/4	5,578	1/4	5,999	1/4	6,449	1/4	6,899
1/2	207	1/2	658	1/2	1,110	1/2	1,561	1/2	2,012	1/2	2,441	1/2	2,891	1/2	3,343	1/2	3,792	1/2	4,241	1/2	4,691	1/2	5,138	1/2	5,586	1/2	5,999	1/2	6,449	1/2	6,899
3/4	216	3/4	668	3/4	1,119	3/4	1,570	3/4	2,022	3/4	2,449	3/4	2,901	3/4	3,351	3/4	3,800	3/4	4,251	3/4	4,701	3/4	5,145	3/4	5,593	3/4	5,999	3/4	6,449	3/4	6,899
6	226	6	677	6	1,128	6	1,580	6	2,031	6	2,457	6	2,911	6	3,359	6	3,808	6	4,261	6	4,711	6	5,152	6	5,600	6	5,999	6	6,449	6	6,899
1/4	235	1/4	686	1/4	1,138	1/4	1,589	1/4	2,040	1/4	2,465	1/4	2,921	1/4	3,367	1/4	3,816	1/4	4,271	1/4	4,721	1/4	5,159	1/4	5,607	1/4	5,999	1/4	6,449	1/4	6,899
1/2	244	1/2	696	1/2	1,147	1/2	1,599	1/2	2,049	1/2	2,473	1/2	2,931	1/2	3,375	1/2	3,824	1/2	4,281	1/2	4,731	1/2	5,167	1/2	5,615	1/2	5,999	1/2	6,449	1/2	6,899
3/4	254	3/4	705	3/4	1,157	3/4	1,608	3/4	2,058	3/4	2,481	3/4	2,941	3/4	3,383	3/4	3,832	3/4	4,291	3/4	4,741	3/4	5,175	3/4	5,623	3/4	5,999	3/4	6,449	3/4	6,899
7	263	7	715	7	1,166	7	1,617	7	2,067	7	2,489	7	2,951	7	3,391	7	3,840	7	4,301	7	4,751	7	5,183	7	5,631	7	5,999	7	6,449	7	6,899
1/4	273	1/4	724	1/4	1,175	1/4	1,627	1/4	2,076	1/4	2,497	1/4	2,961	1/4	3,401	1/4	3,848	1/4	4,311	1/4	4,761	1/4	5,191	1/4	5,639	1/4	5,999	1/4	6,449	1/4	6,899
1/2	282	1/2	733	1/2	1,185	1/2	1,636	1/2	2,085	1/2	2,505	1/2	2,971	1/2	3,409	1/2	3,856	1/2	4,321	1/2	4,771	1/2	5,201	1/2	5,647	1/2	5,999	1/2	6,449	1/2	6,899
3/4	291	3/4	743	3/4	1,194	3/4	1,646	3/4	2,094	3/4	2,513	3/4	2,981	3/4	3,417	3/4	3,864	3/4	4,331	3/4	4,781	3/4	5,211	3/4	5,655	3/4	5,999	3/4	6,449	3/4	6,899
8	301	8	752	8	1,204	8	1,655	8	2,103	8	2,521	8	2,991	8	3,425	8	3,872	8	4,341	8	4,791	8	5,221	8	5,663	8	5,999	8	6,449	8	6,899
1/4	310	1/4	762	1/4	1,213	1/4	1,664	1/4	2,112	1/4	2,529	1/4	3,001	1/4	3,433	1/4	3,880	1/4	4,351	1/4	4,801	1/4	5,231	1/4	5,671	1/4	5,999	1/4	6,449	1/4	6,899
1/2	320	1/2	771	1/2	1,222	1/2	1,674	1/2	2,121	1/2	2,537	1/2	3,011	1/2	3,441	1/2	3,888	1/2	4,361	1/2	4,811	1/2	5,241	1/2	5,681	1/2	5,999	1/2	6,449	1/2	6,899
3/4	329	3/4	780	3/4	1,232	3/4	1,683	3/4	2,130	3/4	2,545	3/4	3,021	3/4	3,449	3/4	3,896	3/4	4,371	3/4	4,821	3/4	5,251	3/4	5,691	3/4	5,999	3/4	6,449	3/4	6,899
9	339	9	790	9	1,241	9	1,693	9	2,139	9	2,553	9	3,031	9	3,457	9	3,904	9	4,381	9	4,831	9	5,261	9	5,701	9	5,999	9	6,449	9	6,899
1/4	348	1/4	799	1/4	1,251	1/4	1,702	1/4	2,148	1/4	2,561	1/4	3,041	1/4	3,465	1/4	3,912	1/4	4,391	1/4	4,841	1/4	5,271	1/4	5,711	1/4	5,999	1/4	6,449	1/4	6,899
1/2	357	1/2	809	1/2	1,260	1/2	1,711	1/2	2,157	1/2	2,569	1/2	3,051	1/2	3,473	1/2	3,920	1/2	4,401	1/2	4,851	1/2	5,281	1/2	5,721	1/2	5,999	1/2	6,449	1/2	6,899
3/4	367	3/4	818	3/4	1,269	3/4	1,721	3/4	2,166	3/4	2,577	3/4	3,061	3/4	3,481	3/4	3,928	3/4	4,411	3/4	4,861	3/4	5,291	3/4	5,731	3/4	5,999	3/4	6,449	3/4	6,899
10	376	10	827	10	1,279	10	1,730	10	2,175	10	2,585	10	3,071	10	3,491	10	3,936	10	4,421	10	4,871	10	5,301	10	5,741	10	5,999	10	6,449	10	6,899
1/4	386	1/4	837	1/4	1,288	1/4	1,740	1/4	2,184	1/4	2,593	1/4	3,081	1/4	3,501	1/4	3,944	1/4	4,431	1/4	4,881	1/4	5,311	1/4	5,751	1/4	5,999	1/4	6,449	1/4	6,899
1/2	395	1/2	846	1/2																											



**BARGE "HFL - 3076"
HINES FURLONG LINE
INNAGE TABLE**

**SLOP
(AFT)**

**BUREAU
VERITAS**

HULL NO. 4755

IN	0 FT.	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.
0	0	0	451	0	903	0	1,354	0	1,805	0	2,256	0	2,707	0	3,158	0	3,609	0	4,060	0	4,511	0	4,962	0	5,413	0	5,864	0	6,315	0	6,766
1/4	9	1/4	461	1/4	912	1/4	1,363	1/4	1,815	1/4	2,266	1/4	2,717	1/4	3,168	1/4	3,619	1/4	4,070	1/4	4,521	1/4	4,972	1/4	5,423	1/4	5,874	1/4	6,325	1/4	6,776
1/2	19	1/2	470	1/2	921	1/2	1,373	1/2	1,824	1/2	2,276	1/2	2,727	1/2	3,178	1/2	3,629	1/2	4,080	1/2	4,531	1/2	4,982	1/2	5,433	1/2	5,884	1/2	6,335	1/2	6,786
3/4	28	3/4	480	3/4	931	3/4	1,382	3/4	1,834	3/4	2,286	3/4	2,737	3/4	3,188	3/4	3,639	3/4	4,090	3/4	4,541	3/4	4,992	3/4	5,443	3/4	5,894	3/4	6,345	3/4	6,796
1	38	1	489	1	940	1	1,392	1	1,843	1	2,296	1	2,747	1	3,198	1	3,649	1	4,100	1	4,551	1	4,992	1	5,443	1	5,894	1	6,345	1	6,796
1/4	47	1/4	498	1/4	950	1/4	1,401	1/4	1,852	1/4	2,306	1/4	2,757	1/4	3,208	1/4	3,659	1/4	4,110	1/4	4,561	1/4	4,992	1/4	5,443	1/4	5,894	1/4	6,345	1/4	6,796
1/2	56	1/2	508	1/2	959	1/2	1,410	1/2	1,862	1/2	2,316	1/2	2,767	1/2	3,218	1/2	3,669	1/2	4,120	1/2	4,571	1/2	4,992	1/2	5,443	1/2	5,894	1/2	6,345	1/2	6,796
3/4	66	3/4	517	3/4	969	3/4	1,420	3/4	1,871	3/4	2,326	3/4	2,777	3/4	3,228	3/4	3,679	3/4	4,130	3/4	4,581	3/4	4,992	3/4	5,443	3/4	5,894	3/4	6,345	3/4	6,796
2	75	2	527	2	978	2	1,429	2	1,881	2	2,336	2	2,787	2	3,238	2	3,689	2	4,140	2	4,591	2	4,992	2	5,443	2	5,894	2	6,345	2	6,796
1/4	85	1/4	536	1/4	987	1/4	1,439	1/4	1,890	1/4	2,346	1/4	2,797	1/4	3,248	1/4	3,699	1/4	4,150	1/4	4,601	1/4	4,992	1/4	5,443	1/4	5,894	1/4	6,345	1/4	6,796
1/2	94	1/2	545	1/2	997	1/2	1,448	1/2	1,899	1/2	2,356	1/2	2,807	1/2	3,258	1/2	3,709	1/2	4,160	1/2	4,611	1/2	4,992	1/2	5,443	1/2	5,894	1/2	6,345	1/2	6,796
3/4	103	3/4	555	3/4	1,006	3/4	1,457	3/4	1,909	3/4	2,366	3/4	2,817	3/4	3,268	3/4	3,719	3/4	4,170	3/4	4,621	3/4	4,992	3/4	5,443	3/4	5,894	3/4	6,345	3/4	6,796
3	113	3	564	3	1,016	3	1,467	3	1,918	3	2,376	3	2,827	3	3,278	3	3,729	3	4,180	3	4,631	3	4,992	3	5,443	3	5,894	3	6,345	3	6,796
1/4	122	1/4	574	1/4	1,025	1/4	1,476	1/4	1,928	1/4	2,386	1/4	2,837	1/4	3,288	1/4	3,739	1/4	4,190	1/4	4,641	1/4	4,992	1/4	5,443	1/4	5,894	1/4	6,345	1/4	6,796
1/2	132	1/2	583	1/2	1,034	1/2	1,486	1/2	1,937	1/2	2,396	1/2	2,847	1/2	3,298	1/2	3,749	1/2	4,200	1/2	4,651	1/2	4,992	1/2	5,443	1/2	5,894	1/2	6,345	1/2	6,796
3/4	141	3/4	592	3/4	1,044	3/4	1,495	3/4	1,946	3/4	2,406	3/4	2,857	3/4	3,308	3/4	3,759	3/4	4,210	3/4	4,661	3/4	4,992	3/4	5,443	3/4	5,894	3/4	6,345	3/4	6,796
4	150	4	602	4	1,053	4	1,504	4	1,956	4	2,416	4	2,867	4	3,318	4	3,769	4	4,220	4	4,671	4	4,992	4	5,443	4	5,894	4	6,345	4	6,796
1/4	160	1/4	611	1/4	1,063	1/4	1,514	1/4	1,965	1/4	2,426	1/4	2,877	1/4	3,328	1/4	3,779	1/4	4,230	1/4	4,681	1/4	4,992	1/4	5,443	1/4	5,894	1/4	6,345	1/4	6,796
1/2	169	1/2	621	1/2	1,072	1/2	1,523	1/2	1,975	1/2	2,436	1/2	2,887	1/2	3,338	1/2	3,789	1/2	4,240	1/2	4,691	1/2	4,992	1/2	5,443	1/2	5,894	1/2	6,345	1/2	6,796
3/4	179	3/4	630	3/4	1,081	3/4	1,533	3/4	1,984	3/4	2,446	3/4	2,897	3/4	3,348	3/4	3,799	3/4	4,250	3/4	4,701	3/4	4,992	3/4	5,443	3/4	5,894	3/4	6,345	3/4	6,796
5	188	5	639	5	1,091	5	1,542	5	1,993	5	2,456	5	2,907	5	3,358	5	3,809	5	4,260	5	4,711	5	4,992	5	5,443	5	5,894	5	6,345	5	6,796
1/4	197	1/4	649	1/4	1,100	1/4	1,551	1/4	2,003	1/4	2,466	1/4	2,917	1/4	3,368	1/4	3,819	1/4	4,270	1/4	4,721	1/4	4,992	1/4	5,443	1/4	5,894	1/4	6,345	1/4	6,796
1/2	207	1/2	658	1/2	1,110	1/2	1,561	1/2	2,012	1/2	2,476	1/2	2,927	1/2	3,378	1/2	3,829	1/2	4,280	1/2	4,731	1/2	4,992	1/2	5,443	1/2	5,894	1/2	6,345	1/2	6,796
3/4	216	3/4	668	3/4	1,119	3/4	1,570	3/4	2,022	3/4	2,486	3/4	2,937	3/4	3,388	3/4	3,839	3/4	4,290	3/4	4,741	3/4	4,992	3/4	5,443	3/4	5,894	3/4	6,345	3/4	6,796
6	226	6	677	6	1,128	6	1,580	6	2,031	6	2,496	6	2,947	6	3,398	6	3,849	6	4,300	6	4,751	6	4,992	6	5,443	6	5,894	6	6,345	6	6,796
1/4	235	1/4	686	1/4	1,138	1/4	1,589	1/4	2,041	1/4	2,506	1/4	2,957	1/4	3,408	1/4	3,859	1/4	4,310	1/4	4,761	1/4	4,992	1/4	5,443	1/4	5,894	1/4	6,345	1/4	6,796
1/2	244	1/2	696	1/2	1,147	1/2	1,599	1/2	2,051	1/2	2,516	1/2	2,967	1/2	3,418	1/2	3,869	1/2	4,320	1/2	4,771	1/2	4,992	1/2	5,443	1/2	5,894	1/2	6,345	1/2	6,796
3/4	254	3/4	705	3/4	1,157	3/4	1,608	3/4	2,061	3/4	2,526	3/4	2,977	3/4	3,428	3/4	3,879	3/4	4,330	3/4	4,781	3/4	4,992	3/4	5,443	3/4	5,894	3/4	6,345	3/4	6,796
7	263	7	715	7	1,166	7	1,617	7	2,071	7	2,536	7	2,987	7	3,438	7	3,889	7	4,340	7	4,791	7	4,992	7	5,443	7	5,894	7	6,345	7	6,796
1/4	273	1/4	724	1/4	1,175	1/4	1,627	1/4	2,081	1/4	2,546	1/4	2,997	1/4	3,448	1/4	3,899	1/4	4,350	1/4	4,801	1/4	4,992	1/4	5,443	1/4	5,894	1/4	6,345	1/4	6,796
1/2	282	1/2	733	1/2	1,185	1/2	1,636	1/2	2,091	1/2	2,556	1/2	3,007	1/2	3,458	1/2	3,909	1/2	4,360	1/2	4,811	1/2	4,992	1/2	5,443	1/2	5,894	1/2	6,345	1/2	6,796
3/4	291	3/4	743	3/4	1,194	3/4	1,646	3/4	2,101	3/4	2,566	3/4	3,017	3/4	3,468	3/4	3,919	3/4	4,370	3/4	4,821	3/4	4,992	3/4	5,443	3/4	5,894	3/4	6,345	3/4	6,796
8	301	8	752	8	1,204	8	1,655	8	2,111	8	2,576	8	3,027	8	3,478	8	3,929	8	4,380	8	4,831	8	4,992	8	5,443	8	5,894	8	6,345	8	6,796
1/4	310	1/4	762	1/4	1,213	1/4	1,664	1/4	2,121	1/4	2,586	1/4	3,037	1/4	3,488	1/4	3,939	1/4	4,390	1/4	4,841	1/4	4,992	1/4	5,443	1/4	5,894	1/4	6,345	1/4	6,796
1/2	320	1/2	771	1/2	1,222	1/2	1,674	1/2	2,131	1/2	2,596	1/2	3,047	1/2	3,498	1/2	3,949	1/2	4,400	1/2	4,851	1/2	4,992	1/2	5,443	1/2	5,894	1/2	6,345	1/2	6,796
3/4	329	3/4	780	3/4	1,232	3/4	1,683	3/4	2,141	3/4	2,606	3/4	3,057	3/4	3,508	3/4	3,959	3/4	4,410	3/4	4,861	3/4	4,992	3/4	5,443	3/4	5,894	3/4	6,345	3/4	6,796
9	339	9	790	9	1,241	9	1,693	9	2,151	9	2,616	9	3,067	9	3,518	9	3,969	9	4,420	9	4,871	9	4,992	9	5,443	9	5,894	9	6,345	9	6,796
1/4	348	1/4	799	1/4	1,251	1/4	1,702	1/4	2,161	1/4	2,626	1/4	3,077	1/4	3,528	1/4	3,979	1/4	4,430	1/4	4,881	1/4	4,992	1/4	5,443	1/4	5,894	1/4	6,345	1/4	6,796
1/2	357	1/2	809	1/2	1,260	1/2	1,711	1/2	2,171	1/2	2,636	1/2	3,087	1/2	3,538	1/2	3,989	1/2	4,440	1/2	4,891	1/2	4,992	1/2	5,443	1/2	5,894	1/2	6,345	1/2	6,796
3/4	367	3/4	818	3/4	1,269	3/4	1,721	3/4	2,181	3/4	2,646	3/4	3,097	3/4	3,548	3/4	3,999	3/4	4,450	3/4	4,901	3/4	4,992	3/4	5,443	3/4	5,894	3/4	6,345	3/4	6,796
10	376	10	827	10	1,279	10	1,730	10	2,191	10	2,656	10	3,107	10	3,558	10	4,009	10	4,460	10	4,911	10	4,992	10	5,443	10	5,894	10	6,345	10	6,796
1/4	386	1/4	837	1/4	1,288	1/4	1,740	1/4	2,201	1/4	2,666	1/4	3,117	1/4	3,568	1/4	4,019	1/4	4,470	1/4	4,921	1/4	4,992	1/4	5,443	1/4	5,894	1/4	6,345	1/4	6,796
1/2	395	1/2	846	1/2																											



**BUREAU
VERITAS**

BARGE "HFL - 3076" HINES FURLONG LINE

HULL NO. 4755

CORRECTION TABLE FOR TRIM AFT.

FOR OUTAGE GAUGES ONLY

TRIM	TANKS NO. 1 PORT OR STAR.	TANKS NO. 2 PORT OR STAR.	TANKS NO. 3 PORT OR STAR.
0'-6"	(+) 0' - 1"	(+) 0' - 1"	(-) 0' - 1"
1'-0"	(+) 0' - 2"	(+) 0' - 2"	(-) 0' - 2"
1'-6"	(+) 0' - 3"	(+) 0' - 3"	(-) 0' - 3"
2'-0"	(+) 0' - 4"	(+) 0' - 4"	(-) 0' - 4"
2'-6"	(+) 0' - 5"	(+) 0' - 5"	(-) 0' - 5"
3'-0"	(+) 0' - 6"	(+) 0' - 6"	(-) 0' - 6"
3'-6"	(+) 0' - 7"	(+) 0' - 7"	(-) 0' - 7"
4'-0"	(+) 0' - 8"	(+) 0' - 8"	(-) 0' - 8"
4'-6"	(+) 0' - 9"	(+) 0' - 9"	(-) 0' - 9"
5'-0"	(+) 0' - 9 7/8"	(+) 0' - 10"	(-) 0' - 9 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 "INNAGE" GAUGES, REVERSE SIGNS.

NOTE: FOR 2" DIAMETER BALL VALVE ONLY (CLOSED GAUGING)

DATE: 05/19/21

BY:


BUREAU VERITAS NORTH AMERICA



BUREAU VERITAS

BARGE "HFL - 3076" HINES FURLONG LINE

OUTAGE TABLE

1 PORT

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

HULL NO. 4755

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	5,061.25	0	4,696.25	0	4,336.44	0	3,976.63	0	3,616.82	0	3,257.02	0	2,897.21	0	2,537.40	0	2,177.59	0	1,817.78	0	1,457.98	0	1,098.17	0	738.36	0	378.58	0	47.68	
1/4	1/4	5,045.31	3/4	4,688.75	1/4	4,328.94	1/4	3,969.14	1/4	3,609.33	1/4	3,249.52	1/4	2,889.71	1/4	2,529.90	3/4	2,170.10	1/4	1,810.29	1/4	1,450.48	1/4	1,090.67	1/4	730.86	1/4	371.26	1/4	41.78	
1/2	1/2	5,039.37	1/2	4,681.26	1/2	4,321.45	1/2	3,961.64	1/2	3,601.83	1/2	3,242.02	1/2	2,882.22	1/2	2,522.41	1/2	2,162.60	1/2	1,802.79	1/2	1,442.98	1/2	1,083.18	1/2	723.37	1/2	363.93	1/2	35.87	
3/4	3/4	5,032.30	3/4	4,673.76	3/4	4,313.95	3/4	3,954.14	3/4	3,594.34	3/4	3,234.53	3/4	2,874.72	3/4	2,514.91	3/4	2,155.10	3/4	1,795.30	3/4	1,435.49	3/4	1,075.68	3/4	715.87	3/4	356.60	3/4	31.26	
1	1	5,025.22	1	4,666.26	1	4,306.46	1	3,946.65	1	3,586.84	1	3,227.03	1	2,867.22	1	2,507.42	1	2,147.61	1	1,787.80	1	1,427.99	1	1,068.18	1	708.38	1	349.27	1	26.64	
1/4	1/4	5,018.15	1/4	4,658.77	1/4	4,298.96	1/4	3,939.15	1/4	3,579.34	1/4	3,219.54	1/4	2,859.73	1/4	2,499.92	1/4	2,140.11	1/4	1,780.30	1/4	1,420.50	1/4	1,060.69	1/4	700.88	1/4	341.94	1/4	22.03	
1/2	1/2	5,011.08	1/2	4,651.27	1/2	4,291.46	1/2	3,931.66	1/2	3,571.85	1/2	3,212.04	1/2	2,852.23	1/2	2,492.42	1/2	2,132.62	1/2	1,772.81	1/2	1,413.00	1/2	1,053.19	1/2	693.38	1/2	334.62	1/2	17.42	
3/4	3/4	5,003.58	3/4	4,643.78	3/4	4,283.97	3/4	3,924.16	3/4	3,564.35	3/4	3,204.54	3/4	2,844.74	3/4	2,484.93	3/4	2,125.12	3/4	1,765.31	3/4	1,405.50	3/4	1,045.70	3/4	685.89	3/4	327.41	3/4	14.41	
2	2	4,996.09	2	4,636.28	2	4,276.47	2	3,916.66	2	3,556.86	2	3,197.05	2	2,837.24	2	2,477.43	2	2,117.62	2	1,757.82	2	1,398.01	2	1,038.20	2	678.39	2	320.21	2	11.41	
1/4	1/4	4,988.59	1/4	4,628.78	1/4	4,268.98	1/4	3,909.17	1/4	3,549.36	1/4	3,189.55	1/4	2,829.74	1/4	2,469.94	1/4	2,110.13	1/4	1,750.32	1/4	1,390.51	1/4	1,030.70	1/4	670.90	1/4	313.00	1/4	8.40	
1/2	1/2	4,981.10	1/2	4,621.29	1/2	4,261.48	1/2	3,901.67	1/2	3,541.86	1/2	3,182.06	1/2	2,822.25	1/2	2,462.44	1/2	2,102.63	1/2	1,742.82	1/2	1,383.02	1/2	1,023.21	1/2	663.40	1/2	305.80	1/2	5.40	
3/4	3/4	4,973.60	3/4	4,613.79	3/4	4,253.98	3/4	3,894.18	3/4	3,534.37	3/4	3,174.56	3/4	2,814.75	3/4	2,454.94	3/4	2,095.14	3/4	1,735.33	3/4	1,375.52	3/4	1,015.71	3/4	655.90	3/4	298.60	3/4	4.12	
3	3	4,966.10	3	4,606.30	3	4,246.49	3	3,886.68	3	3,526.87	3	3,167.06	3	2,807.26	3	2,447.45	3	2,087.64	3	1,727.83	3	1,368.02	3	1,008.22	3	648.41	3	291.39	3	2.84	
1/4	1/4	4,958.61	1/4	4,598.80	1/4	4,238.99	1/4	3,879.18	1/4	3,519.38	1/4	3,159.57	1/4	2,799.76	1/4	2,439.95	1/4	2,080.14	1/4	1,720.34	1/4	1,360.53	1/4	1,000.72	1/4	640.91	1/4	284.19	1/4	* 1.56	
1/2	1/2	4,951.11	1/2	4,591.30	1/2	4,231.50	1/2	3,871.69	1/2	3,511.88	1/2	3,152.07	1/2	2,792.26	1/2	2,432.45	1/2	2,072.65	1/2	1,712.84	1/2	1,353.03	1/2	993.22	1/2	633.42	1/2	276.98	1/2		
3/4	3/4	4,943.62	3/4	4,583.81	3/4	4,224.00	3/4	3,864.19	3/4	3,504.38	3/4	3,144.58	3/4	2,784.77	3/4	2,424.96	3/4	2,065.15	3/4	1,705.34	3/4	1,345.54	3/4	985.73	3/4	625.92	3/4	269.91	3/4		
4	4	4,936.12	4	4,576.31	4	4,216.50	4	3,856.70	4	3,496.89	4	3,137.08	4	2,777.27	4	2,417.46	4	2,057.66	4	1,697.85	4	1,338.04	4	978.23	4	618.42	4	262.83	4		
1/4	1/4	4,928.62	1/4	4,568.82	1/4	4,209.01	1/4	3,849.20	1/4	3,489.39	1/4	3,129.58	1/4	2,769.78	1/4	2,409.97	1/4	2,050.16	1/4	1,690.35	1/4	1,330.54	1/4	970.74	1/4	610.93	1/4	255.76	1/4		
1/2	1/2	4,921.13	1/2	4,561.32	1/2	4,201.51	1/2	3,841.70	1/2	3,481.89	1/2	3,122.09	1/2	2,762.28	1/2	2,402.47	1/2	2,042.66	1/2	1,682.85	1/2	1,323.05	1/2	963.24	1/2	603.43	1/2	248.68	1/2		
3/4	3/4	4,913.63	3/4	4,553.82	3/4	4,194.02	3/4	3,834.21	3/4	3,474.40	3/4	3,114.59	3/4	2,754.78	3/4	2,394.98	3/4	2,035.17	3/4	1,675.36	3/4	1,315.55	3/4	955.74	3/4	595.94	3/4	241.60	3/4		
5	5	4,906.14	5	4,546.33	5	4,186.52	5	3,826.71	5	3,466.90	5	3,107.10	5	2,747.29	5	2,387.48	5	2,027.67	5	1,667.86	5	1,308.06	5	948.25	5	588.44	5	234.53	5		
1/4	1/4	4,898.64	1/4	4,538.83	1/4	4,179.02	1/4	3,819.22	1/4	3,459.41	1/4	3,099.60	1/4	2,739.79	1/4	2,379.98	1/4	2,020.18	1/4	1,660.37	1/4	1,300.56	1/4	940.75	1/4	580.94	1/4	227.45	1/4		
1/2	1/2	4,891.14	1/2	4,531.34	1/2	4,171.53	1/2	3,811.72	1/2	3,451.91	1/2	3,092.10	1/2	2,732.30	1/2	2,372.49	1/2	2,012.68	1/2	1,652.87	1/2	1,293.06	1/2	933.26	1/2	573.45	1/2	220.38	1/2		
3/4	3/4	4,883.65	3/4	4,523.84	3/4	4,164.03	3/4	3,804.22	3/4	3,444.42	3/4	3,084.61	3/4	2,724.80	3/4	2,364.99	3/4	2,005.18	3/4	1,645.38	3/4	1,285.57	3/4	925.76	3/4	565.95	3/4	212.42	3/4		
6	6	4,876.15	6	4,516.34	6	4,156.54	6	3,796.73	6	3,436.92	6	3,077.11	6	2,717.30	6	2,357.50	6	1,997.69	6	1,637.88	6	1,278.07	6	918.26	6	558.46	6	206.47	6		
1/4	1/4	4,868.66	1/4	4,508.85	1/4	4,149.04	1/4	3,789.23	1/4	3,429.42	1/4	3,069.62	1/4	2,709.81	1/4	2,350.00	1/4	1,990.19	1/4	1,630.38	1/4	1,270.58	1/4	910.77	1/4	550.96	1/4	199.52	1/4		
1/2	1/2	4,861.16	1/2	4,501.35	1/2	4,141.54	1/2	3,781.74	1/2	3,421.93	1/2	3,062.12	1/2	2,702.31	1/2	2,342.50	1/2	1,982.70	1/2	1,622.89	1/2	1,263.08	1/2	903.27	1/2	543.46	1/2	192.57	1/2		
3/4	3/4	5,114.14	3/4	4,853.66	3/4	4,493.86	3/4	4,134.05	3/4	3,774.24	3/4	3,414.43	3/4	3,054.62	3/4	2,694.82	3/4	2,335.01	3/4	1,975.20	3/4	1,615.39	3/4	895.78	3/4	535.97	3/4	185.62	3/4		
7	7	5,113.72	7	4,848.17	7	4,488.36	7	4,128.55	7	3,768.74	7	3,408.93	7	3,049.13	7	2,689.32	7	2,329.51	7	1,969.70	7	1,609.89	7	888.28	7	528.47	7	178.66	7		
1/4	1/4	5,113.30	1/4	4,838.67	1/4	4,478.86	1/4	4,119.05	1/4	3,759.25	1/4	3,399.44	1/4	3,039.63	1/4	2,679.82	1/4	2,320.02	1/4	1,960.21	1/4	1,600.40	1/4	880.78	1/4	520.98	1/4	171.71	1/4		
1/2	1/2	5,112.89	1/2	4,831.18	1/2	4,471.37	1/2	4,111.56	1/2	3,751.75	1/2	3,391.94	1/2	3,032.14	1/2	2,672.33	1/2	2,312.52	1/2	1,952.71	1/2	1,592.90	1/2	873.29	1/2	513.48	1/2	164.76	1/2		
3/4	3/4	5,111.48	3/4	4,823.68	3/4	4,463.87	3/4	4,104.06	3/4	3,744.26	3/4	3,384.45	3/4	3,024.64	3/4	2,664.83	3/4	2,305.02	3/4	1,945.22	3/4	1,585.41	3/4	865.79	3/4	505.90	3/4	158.17	3/4		
8	8	5,110.06	8	4,816.18	8	4,456.38	8	4,096.57	8	3,736.76	8	3,376.95	8	3,017.14	8	2,657.34	8	2,297.53	8	1,937.72	8	1,577.91	8	858.30	8	498.32	8	151.59	8		
1/4	1/4	5,108.65	1/4	4,808.69	1/4	4,448.88	1/4	4,089.07	1/4	3,729.26	1/4	3,369.45	1/4	3,009.65	1/4	2,649.84	1/4	2,290.03	1/4	1,930.22	1/4	1,570.42	1/4	850.80	1/4	490.75	1/4	145.00	1/4		
1/2	1/2	5,107.24	1/2	4,801.19	1/2	4,441.38	1/2	4,081.58	1/2	3,721.77	1/2	3,361.96	1/2	3,002.15	1/2	2,64															



**BUREAU
VERITAS**

BARGE "HFL - 3076" HINES FURLONG LINE

OUTAGE TABLE

1 STAR

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

HULL NO. 4755

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	5,045.31	0	4,688.75	0	4,328.94	0	3,969.14	0	3,609.33	0	3,249.52	0	2,889.71	0	2,529.90	0	2,170.10	0	1,810.29	0	1,450.48	0	1,090.67	0	730.86	0	371.26	0	41.78
1/4		1/4	5,039.37	3/4	4,681.26	1/4	4,321.45	1/4	3,961.64	1/4	3,601.83	1/4	3,242.02	1/4	2,882.22	1/4	2,522.41	3/4	2,162.60	1/4	1,802.79	1/4	1,442.98	1/4	1,083.18	1/4	723.37	1/4	363.93	1/4	35.87
1/2		1/2	5,032.30	1/2	4,673.76	1/2	4,313.95	1/2	3,954.14	1/2	3,594.34	1/2	3,234.53	1/2	2,874.72	1/2	2,514.91	1/2	2,155.10	1/2	1,795.30	1/2	1,435.49	1/2	1,075.68	1/2	715.87	1/2	356.60	1/2	31.26
3/4		3/4	5,025.22	3/4	4,666.26	3/4	4,306.46	3/4	3,946.65	3/4	3,586.84	3/4	3,227.03	3/4	2,867.22	3/4	2,507.42	3/4	2,147.61	3/4	1,787.80	3/4	1,427.99	3/4	1,068.18	3/4	708.38	3/4	349.27	3/4	26.64
1		1	5,018.15	1	4,658.77	1	4,298.96	1	3,939.15	1	3,579.34	1	3,219.54	1	2,859.73	1	2,499.92	1	2,140.11	1	1,780.30	1	1,420.50	1	1,060.69	1	700.88	1	341.94	1	22.03
1/4		1/4	5,011.08	1/4	4,651.27	1/4	4,291.46	1/4	3,931.66	1/4	3,571.85	1/4	3,212.04	1/4	2,852.23	1/4	2,492.42	1/4	2,132.62	1/4	1,772.81	1/4	1,413.00	1/4	1,053.19	1/4	693.38	1/4	334.62	1/4	17.42
1/2		1/2	5,003.58	1/2	4,643.78	1/2	4,283.97	1/2	3,924.16	1/2	3,564.35	1/2	3,204.54	1/2	2,844.74	1/2	2,484.93	1/2	2,125.12	1/2	1,765.31	1/2	1,405.50	1/2	1,045.70	1/2	685.89	1/2	327.41	1/2	14.41
3/4		3/4	4,996.09	3/4	4,636.28	3/4	4,276.47	3/4	3,916.66	3/4	3,556.86	3/4	3,197.05	3/4	2,837.24	3/4	2,477.43	3/4	2,117.62	3/4	1,757.82	3/4	1,398.01	3/4	1,038.20	3/4	678.39	3/4	320.21	3/4	11.41
2		2	4,988.59	2	4,628.78	2	4,268.98	2	3,909.17	2	3,549.36	2	3,189.55	2	2,829.74	2	2,469.94	2	2,110.13	2	1,750.32	2	1,390.51	2	1,030.70	2	670.90	2	313.00	2	8.40
1/4		1/4	4,981.10	1/4	4,621.29	1/4	4,261.48	1/4	3,901.67	1/4	3,541.86	1/4	3,182.06	1/4	2,822.25	1/4	2,462.44	1/4	2,102.63	1/4	1,742.82	1/4	1,383.02	1/4	1,023.21	1/4	663.40	1/4	305.80	1/4	5.40
1/2		1/2	4,973.60	1/2	4,613.79	1/2	4,253.98	1/2	3,894.18	1/2	3,534.37	1/2	3,174.56	1/2	2,814.75	1/2	2,454.94	1/2	2,095.14	1/2	1,735.33	1/2	1,375.52	1/2	1,015.71	1/2	655.90	1/2	298.60	1/2	4.12
3/4		3/4	4,966.10	3/4	4,606.30	3/4	4,246.49	3/4	3,886.68	3/4	3,526.87	3/4	3,167.06	3/4	2,807.26	3/4	2,447.45	3/4	2,087.64	3/4	1,727.83	3/4	1,368.02	3/4	1,008.22	3/4	648.41	3/4	291.39	3/4	2.84
3		3	4,958.61	3	4,598.80	3	4,238.99	3	3,879.18	3	3,519.37	3	3,159.56	3	2,799.75	3	2,439.94	3	2,080.14	3	1,720.33	3	1,360.53	3	1,000.72	3	640.91	3	284.19	3	* 1.56
1/4		1/4	4,951.11	1/4	4,591.30	1/4	4,231.50	1/4	3,871.69	1/4	3,511.88	1/4	3,152.07	1/4	2,792.26	1/4	2,432.46	1/4	2,072.65	1/4	1,712.84	1/4	1,353.03	1/4	993.22	1/4	633.42	1/4	276.98	1/4	
1/2		1/2	4,943.62	1/2	4,583.81	1/2	4,224.00	1/2	3,864.19	1/2	3,504.38	1/2	3,144.58	1/2	2,784.77	1/2	2,424.96	1/2	2,065.15	1/2	1,705.34	1/2	1,345.54	1/2	985.73	1/2	625.92	1/2	269.91	1/2	
3/4		3/4	4,936.12	3/4	4,576.31	3/4	4,216.50	3/4	3,856.70	3/4	3,496.89	3/4	3,137.08	3/4	2,777.27	3/4	2,417.46	3/4	2,057.66	3/4	1,697.85	3/4	1,338.04	3/4	978.23	3/4	618.42	3/4	262.83	3/4	
4		4	4,928.62	4	4,568.82	4	4,209.01	4	3,849.20	4	3,489.39	4	3,129.58	4	2,769.77	4	2,409.97	4	2,050.16	4	1,690.35	4	1,330.54	4	970.74	4	610.93	4	255.76	4	
1/4		1/4	4,921.13	1/4	4,561.32	1/4	4,201.51	1/4	3,841.70	1/4	3,481.90	1/4	3,122.09	1/4	2,762.28	1/4	2,402.47	1/4	2,042.66	1/4	1,682.86	1/4	1,323.05	1/4	963.24	1/4	603.42	1/4	248.68	1/4	
1/2		1/2	4,913.63	1/2	4,553.82	1/2	4,194.02	1/2	3,834.21	1/2	3,474.40	1/2	3,114.59	1/2	2,754.78	1/2	2,394.98	1/2	2,035.17	1/2	1,675.36	1/2	1,315.55	1/2	955.74	1/2	595.94	1/2	241.60	1/2	
3/4		3/4	4,906.14	3/4	4,546.33	3/4	4,186.52	3/4	3,826.71	3/4	3,466.90	3/4	3,107.10	3/4	2,747.29	3/4	2,387.48	3/4	2,027.67	3/4	1,667.86	3/4	1,308.06	3/4	948.25	3/4	588.44	3/4	234.53	3/4	
5		5	4,898.64	5	4,538.83	5	4,179.02	5	3,819.22	5	3,459.41	5	3,099.60	5	2,739.79	5	2,379.98	5	2,020.18	5	1,660.37	5	1,300.56	5	940.75	5	580.94	5	227.45	5	
1/4		1/4	4,891.14	1/4	4,531.34	1/4	4,171.53	1/4	3,811.72	1/4	3,451.91	1/4	3,092.10	1/4	2,732.30	1/4	2,372.49	1/4	2,012.68	1/4	1,652.87	1/4	1,293.06	1/4	933.26	1/4	573.45	1/4	220.38	1/4	
1/2		1/2	4,883.65	1/2	4,523.84	1/2	4,164.03	1/2	3,804.22	1/2	3,444.42	1/2	3,084.61	1/2	2,724.80	1/2	2,364.99	1/2	2,005.18	1/2	1,645.38	1/2	1,285.57	1/2	925.76	1/2	565.95	1/2	213.42	1/2	
3/4		3/4	4,876.15	3/4	4,516.34	3/4	4,156.54	3/4	3,796.73	3/4	3,436.92	3/4	3,077.11	3/4	2,717.30	3/4	2,357.50	3/4	1,997.69	3/4	1,637.88	3/4	1,278.07	3/4	918.26	3/4	558.46	3/4	206.47	3/4	
6		6	4,868.66	6	4,508.85	6	4,149.04	6	3,789.23	6	3,429.42	6	3,069.62	6	2,709.81	6	2,350.00	6	1,990.19	6	1,630.38	6	1,270.58	6	910.77	6	550.96	6	199.52	6	
1/4		1/4	4,861.16	1/4	4,501.35	1/4	4,141.54	1/4	3,781.74	1/4	3,421.93	1/4	3,062.12	1/4	2,702.31	1/4	2,342.50	1/4	1,982.70	1/4	1,622.89	1/4	1,263.08	1/4	903.27	1/4	543.46	1/4	192.57	1/4	
1/2		1/2	5,114.14	1/2	4,853.66	1/2	4,493.86	1/2	4,134.05	1/2	3,774.24	1/2	3,414.43	1/2	3,054.62	1/2	2,694.82	1/2	2,335.01	1/2	1,975.20	1/2	1,615.39	1/2	1,255.58	1/2	895.78	1/2	185.62	1/2	
3/4		3/4	5,113.72	3/4	4,864.17	3/4	4,486.36	3/4	4,126.55	3/4	3,766.74	3/4	3,406.94	3/4	3,047.13	3/4	2,687.32	3/4	2,327.51	3/4	1,967.70	3/4	1,607.90	3/4	1,248.09	3/4	888.28	3/4	178.66	3/4	
7		7	4,838.67	7	4,478.86	7	4,119.06	7	3,759.25	7	3,399.44	7	3,039.63	7	2,679.82	7	2,320.02	7	1,960.21	7	1,600.40	7	1,240.59	7	880.78	7	520.98	7	171.71	7	
1/4		1/4	5,112.89	1/4	4,831.18	1/4	4,471.37	1/4	4,111.56	1/4	3,751.75	1/4	3,391.94	1/4	3,032.14	1/4	2,672.33	1/4	2,312.52	1/4	1,952.71	1/4	1,592.90	1/4	1,233.10	1/4	873.29	1/4	164.76	1/4	
1/2		1/2	5,111.48	1/2	4,823.68	1/2	4,463.87	1/2	4,104.06	1/2	3,744.26	1/2	3,384.45	1/2	3,024.64	1/2	2,664.83	1/2	2,305.02	1/2	1,945.22	1/2	1,585.41	1/2	1,225.60	1/2	865.79	1/2	158.17	1/2	
3/4		3/4	5,110.06	3/4	4,816.18	3/4	4,456.38	3/4	4,096.57	3/4	3,736.76	3/4	3,376.95	3/4	3,017.14	3/4	2,657.34	3/4	2,297.53	3/4	1,937.72	3/4	1,577.91	3/4	1,218.10	3/4	858.30	3/4	151.59	3/4	
8		8	5,108.65	8	4,808.69	8	4,448.88	8	4,089.07	8	3,729.26	8	3,369.46	8	3,009.65	8	2,649.84	8	2,290.03	8	1,930.22	8	1,570.42	8	810.61	8	490.78	8	145.00	8	
1/4		1/4	5,107.24	1/4	4,801.19	1/4	4,441.38	1/4	4,081.58	1/4	3,721.77	1/4	3,361.96	1/4	3,002.15	1/4	2,642.34	1/4	2,282.54	1/4	1,922.73	1/4	1,562.92	1/4	1,203.11	1/4	843.30	1/4	138.42	1/4	
1/2		1/2	5,104.69	1/2	4,793.70	1/2	4,433.89	1/2	4,074.08	1/2	3,714.27	1/2	3,354.46	1/2	2,994.66	1/2	2,634.85	1/2	2,275.04	1/2	1,915.23	1/2	1,555.42	1/2	1,195.62	1/2	835.81	1/2	113.83	1/2	
3/4		3/4	5,102.15	3/4	4,786.20	3/4	4,426.39	3/4	4,066.58	3/4	3,706.78	3/4	3,346.97	3/4	2,987.16	3/4	2,627.35	3/4	2,267.54	3/4	1,907.74	3/4	1,547.93	3/4	1,188.12	3/4	828.31	3/4	125.24	3/4	
9		9	5,099.60	9	4,778.70	9	4,418.90	9	4,059.09	9	3,699.28	9	3,339.47	9	2,979.66	9	2,619.86	9	2,260.05	9	1,900.24	9	1,540.43	9	820.62	9	460.43	9	118.66	9	
1/4		1/4	5,097.06	1/4	4,771.21	1/4	4,411.40	1/4	4,051.59</																						



**BUREAU
VERITAS**

BARGE "HFL - 3076" HINES FURLONG LINE

OUTAGE TABLE

2 PORT OR STAR

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

HULL NO. 4755

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	5,069.56	0	4,718.89	0	4,358.41	0	3,997.16	0	3,635.92	0	3,274.67	0	2,913.42	0	2,552.17	0	2,190.92	0	1,829.68	0	1,468.43	0	1,107.18	0	745.93	0	384.68	0	36.27	
1/4	1/4	5,052.96	3/4	4,711.75	1/4	4,350.89	1/4	3,989.64	1/4	3,628.39	1/4	3,267.14	1/4	2,905.89	1/4	2,544.65	3/4	2,183.40	1/4	1,822.15	1/4	1,460.90	1/4	1,099.65	1/4	738.41	1/4	377.16	1/4	31.38	
1/2	1/2	5,046.35	1/2	4,704.61	1/2	4,343.36	1/2	3,982.11	1/2	3,620.86	1/2	3,259.62	1/2	2,898.37	1/2	2,537.12	1/2	2,175.87	1/2	1,814.62	1/2	1,453.38	1/2	1,092.13	1/2	730.88	1/2	369.63	1/2	26.48	
3/4	3/4	5,039.75	3/4	4,697.08	3/4	4,335.83	3/4	3,974.59	3/4	3,613.34	3/4	3,252.09	3/4	2,890.84	3/4	2,529.59	3/4	2,168.35	3/4	1,807.10	3/4	1,445.85	3/4	1,084.60	3/4	723.35	3/4	362.11	3/4	21.59	
1	1	5,033.14	1	4,689.56	1	4,328.31	1	3,967.06	1	3,605.81	1	3,244.56	1	2,883.32	1	2,522.07	1	2,160.82	1	1,799.57	1	1,438.32	1	1,077.08	1	715.83	1	354.58	1	16.70	
1/4	1/4	5,026.00	1/4	4,682.03	1/4	4,320.78	1/4	3,959.53	1/4	3,598.29	1/4	3,237.04	1/4	2,875.79	1/4	2,514.54	1/4	2,153.29	1/4	1,792.05	1/4	1,430.80	1/4	1,069.55	1/4	708.30	1/4	347.05	1/4	13.62	
1/2	1/2	5,018.86	1/2	4,674.50	1/2	4,313.26	1/2	3,952.01	1/2	3,590.76	1/2	3,229.51	1/2	2,868.26	1/2	2,507.02	1/2	2,145.77	1/2	1,784.52	1/2	1,423.27	1/2	1,062.02	1/2	700.78	1/2	339.53	1/2	10.54	
3/4	3/4	5,011.71	3/4	4,666.98	3/4	4,305.73	3/4	3,944.48	3/4	3,583.23	3/4	3,221.99	3/4	2,860.74	3/4	2,499.49	3/4	2,138.24	3/4	1,776.99	3/4	1,415.75	3/4	1,054.50	3/4	693.25	3/4	332.00	3/4	7.46	
2	2	5,004.57	2	4,659.45	2	4,298.20	2	3,936.96	2	3,575.71	2	3,214.46	2	2,853.21	2	2,491.96	2	2,130.72	2	1,769.47	2	1,408.22	2	1,046.97	2	685.72	2	324.48	2	4.38	
1/4	1/4	4,997.43	1/4	4,651.93	1/4	4,290.68	1/4	3,929.43	1/4	3,568.18	1/4	3,206.93	1/4	2,845.69	1/4	2,484.44	1/4	2,123.19	1/4	1,761.94	1/4	1,400.69	1/4	1,039.45	1/4	678.20	1/4	316.95	1/4	3.35	
1/2	1/2	4,990.29	1/2	4,644.40	1/2	4,283.15	1/2	3,921.90	1/2	3,560.66	1/2	3,199.41	1/2	2,838.16	1/2	2,476.91	1/2	2,115.66	1/2	1,754.42	1/2	1,393.17	1/2	1,031.92	1/2	670.67	1/2	309.42	1/2	2.33	
3/4	3/4	4,983.15	3/4	4,636.87	3/4	4,275.63	3/4	3,914.38	3/4	3,553.13	3/4	3,191.88	3/4	2,830.63	3/4	2,469.39	3/4	2,108.14	3/4	1,746.89	3/4	1,385.64	3/4	1,024.39	3/4	663.15	3/4	301.90	3/4	* 1.30	
3	3	4,976.00	3	4,629.33	3	4,268.10	3	3,906.85	3	3,545.60	3	3,184.36	3	2,823.11	3	2,461.86	3	2,100.61	3	1,739.36	3	1,378.12	3	1,016.87	3	655.62	3	294.37	3		
1/4	1/4	4,968.86	1/4	4,621.82	1/4	4,260.57	1/4	3,899.33	1/4	3,538.08	1/4	3,176.83	1/4	2,815.58	1/4	2,454.33	1/4	2,093.09	1/4	1,731.84	1/4	1,370.59	1/4	1,009.34	1/4	648.09	1/4	286.85	1/4		
1/2	1/2	4,961.72	1/2	4,614.30	1/2	4,253.05	1/2	3,891.80	1/2	3,530.55	1/2	3,169.30	1/2	2,808.06	1/2	2,446.81	1/2	2,085.56	1/2	1,724.31	1/2	1,363.06	1/2	1,001.82	1/2	640.57	1/2	279.32	1/2		
3/4	3/4	4,954.58	3/4	4,606.77	3/4	4,245.52	3/4	3,884.27	3/4	3,523.03	3/4	3,161.78	3/4	2,800.53	3/4	2,439.28	3/4	2,108.14	3/4	1,746.89	3/4	1,355.54	3/4	994.29	3/4	633.04	3/4	271.79	3/4		
4	4	4,947.44	4	4,599.24	4	4,238.00	4	3,876.75	4	3,515.50	4	3,154.25	4	2,793.00	4	2,431.76	4	2,070.51	4	1,709.26	4	1,348.01	4	986.76	4	625.52	4	264.27	4		
1/4	1/4	4,940.29	1/4	4,591.72	1/4	4,230.47	1/4	3,869.22	1/4	3,507.97	1/4	3,146.73	1/4	2,785.48	1/4	2,424.23	1/4	2,062.98	1/4	1,701.73	1/4	1,340.49	1/4	979.24	1/4	617.99	1/4	256.74	1/4		
1/2	1/2	4,933.15	1/2	4,584.19	1/2	4,222.94	1/2	3,861.70	1/2	3,500.45	1/2	3,139.20	1/2	2,777.95	1/2	2,416.70	1/2	2,055.46	1/2	1,694.21	1/2	1,332.96	1/2	971.71	1/2	610.46	1/2	249.22	1/2		
3/4	3/4	4,926.01	3/4	4,576.67	3/4	4,215.42	3/4	3,854.17	3/4	3,492.92	3/4	3,131.67	3/4	2,770.43	3/4	2,409.18	3/4	2,047.93	3/4	1,686.68	3/4	1,325.43	3/4	964.19	3/4	602.94	3/4	241.69	3/4		
5	5	4,918.87	5	4,569.14	5	4,207.89	5	3,846.64	5	3,485.40	5	3,124.15	5	2,762.90	5	2,401.65	5	2,040.40	5	1,679.16	5	1,317.91	5	956.66	5	595.41	5	234.16	5		
1/4	1/4	4,911.73	1/4	4,561.61	1/4	4,200.37	1/4	3,839.12	1/4	3,477.87	1/4	3,116.62	1/4	2,755.37	1/4	2,394.13	1/4	2,032.88	1/4	1,671.63	1/4	1,310.38	1/4	949.13	1/4	587.89	1/4	226.64	1/4		
1/2	1/2	4,904.58	1/2	4,554.09	1/2	4,192.84	1/2	3,831.59	1/2	3,470.34	1/2	3,109.10	1/2	2,747.85	1/2	2,386.60	1/2	2,025.35	1/2	1,664.10	1/2	1,302.86	1/2	941.61	1/2	580.36	1/2	219.11	1/2		
3/4	3/4	4,897.44	3/4	4,546.96	3/4	4,185.31	3/4	3,824.07	3/4	3,462.82	3/4	3,101.57	3/4	2,740.32	3/4	2,379.07	3/4	2,017.83	3/4	1,656.58	3/4	1,295.33	3/4	934.08	3/4	572.83	3/4	211.59	3/4		
6	6	4,890.30	6	4,539.04	6	4,177.79	6	3,816.54	6	3,455.29	6	3,094.04	6	2,732.80	6	2,371.55	6	2,010.30	6	1,649.05	6	1,287.80	6	926.56	6	565.31	6	204.06	6		
1/4	1/4	5,129.96	1/4	4,883.16	1/4	4,531.51	1/4	4,170.26	1/4	3,809.01	1/4	3,447.77	1/4	3,086.52	1/4	2,725.27	1/4	2,364.02	1/4	1,999.64	1/4	1,641.53	1/4	1,280.28	1/4	919.03	1/4	557.78	1/4	196.53	
1/2	1/2	5,129.56	1/2	4,876.02	1/2	4,523.98	1/2	4,162.74	1/2	3,801.49	1/2	3,440.24	1/2	3,078.99	1/2	2,717.74	1/2	2,356.50	1/2	1,995.25	1/2	1,634.00	1/2	1,272.75	1/2	911.50	1/2	550.26	1/2	189.01	
3/4	3/4	5,129.16	3/4	4,868.67	3/4	4,516.46	3/4	4,155.21	3/4	3,793.96	3/4	3,432.71	3/4	3,071.47	3/4	2,710.22	3/4	2,348.97	3/4	1,987.72	3/4	1,626.23	3/4	1,265.23	3/4	903.98	3/4	547.73	3/4	181.48	
7	7	5,128.76	7	4,861.73	7	4,508.93	7	4,147.68	7	3,786.44	7	3,425.19	7	3,063.94	7	2,702.69	7	2,341.44	7	1,980.20	7	1,618.95	7	1,257.70	7	896.45	7	535.20	7	173.96	
1/4	1/4	5,127.44	1/4	4,854.59	1/4	4,501.41	1/4	4,140.16	1/4	3,778.91	1/4	3,417.66	1/4	3,056.41	1/4	2,695.17	1/4	2,333.92	1/4	1,972.67	1/4	1,611.42	1/4	1,250.17	1/4	888.93	1/4	527.68	1/4	167.02	
1/2	1/2	5,126.11	1/2	4,847.45	1/2	4,493.88	1/2	4,132.63	1/2	3,771.38	1/2	3,410.14	1/2	3,048.89	1/2	2,687.64	1/2	2,326.39	1/2	1,965.14	1/2	1,603.90	1/2	1,242.65	1/2	881.40	1/2	520.15	1/2	160.09	
3/4	3/4	5,124.78	3/4	4,840.31	3/4	4,486.35	3/4	4,125.11	3/4	3,763.86	3/4	3,402.61	3/4	3,041.36	3/4	2,680.11	3/4	2,318.87	3/4	1,957.62	3/4	1,596.37	3/4	1,235.12	3/4	873.87	3/4	512.63	3/4	153.15	
8	8	5,123.45	8	4,833.16	8	4,478.83	8	4,117.58	8	3,756.33	8	3,395.08	8	3,033.84	8	2,672.59	8	2,311.34	8	1,950.09	8	1,588.84	8	1,227.60	8	866.35	8	505.10	8	146.22	
1/4	1/4	5,121.06	1/4	4,826.02	1/4	4,471.30	1/4	4,110.05	1/4	3,748.81	1/4	3,387.56	1/4	3,026.31	1/4	2,665.06	1/4	2,303.81	1/4	1,942.57	1/4	1,581.32	1/4	1,220.07	1/4	858.82	1/4	497.57	1/4	139.29	
1/2	1/2	5,118.66	1/2	4,818.88	1/2	4,463.78	1/2	4,102.53	1/2	3,741.28	1/2	3,380.03	1/2	3,018.78	1/2	2,657.54	1/2	2,296.29	1/2	1,935.04	1/2	1,573.79	1/2	1,212.54	1/2	851.30	1/2	490.05	1/2	132.35	
3/4	3/4	5,116.27	3/4	4,811.74	3/4	4,456.25	3/4	4,095.00	3/4	3,733.75	3/4	3,372.51	3/4	3,011.26	3/4	2,650.01	3/4	2,288.76	3/4	1,927.51	3/4	1,566.27	3/4	1,205.02	3/4	843.77	3/4	482.52	3/4	125.42	
9	9	5,113.88	9	4,804.60	9	4,448.72	9	4,087.48	9	3,726.23	9	3,364.98	9	3,003.73	9	2,642.48	9	2,281.24	9	1,919.99	9	1,558.74	9	1,197.49	9	836.24	9	475.00	9	118.48	
1/4	1/4	5,110.42	1/4	4,797.45	1/4	4,441.20	1/4	4,079.95	1/4	3,718.70	1/4	3																			



**BUREAU
VERITAS**

BARGE "HFL - 3076" HINES FURLONG LINE

OUTAGE TABLE

3 PORT OR STAR

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

HULL NO. 4755

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	4,656.75	0	4,405.87	0	4,152.24	0	3,898.61	0	3,644.97	0	3,318.43	0	2,954.39	0	2,590.36	0	2,226.33	0	1,862.30	0	1,498.27	0	1,134.23	0	770.45	0	405.63	0	45.50	
1/4	1/4	4,652.65	3/4	4,400.59	1/4	4,146.95	1/4	3,893.32	1/4	3,639.69	1/4	3,310.84	1/4	2,946.81	1/4	2,582.78	3/4	2,218.75	1/4	1,854.71	1/4	1,490.68	1/4	1,126.65	1/4	762.87	1/4	398.02	1/4	38.68	
1/2	1/2	4,647.76	1/2	4,395.30	1/2	4,141.67	1/2	3,888.04	1/2	3,634.41	1/2	3,303.26	1/2	2,939.23	1/2	2,575.19	1/2	2,211.16	1/2	1,847.13	1/2	1,483.10	1/2	1,119.07	1/2	755.29	1/2	390.41	1/2	33.48	
3/4	3/4	4,642.86	3/4	4,390.02	3/4	4,136.39	3/4	3,882.76	3/4	3,629.12	3/4	3,295.67	3/4	2,931.64	3/4	2,567.61	3/4	2,203.58	3/4	1,839.55	3/4	1,475.51	3/4	1,111.48	3/4	747.72	3/4	382.80	3/4	28.29	
1	1	4,637.97	1	4,384.73	1	4,131.10	1	3,877.47	1	3,623.71	1	3,288.09	1	2,924.06	1	2,560.03	1	2,195.99	1	1,831.96	1	1,467.93	1	1,103.90	1	740.14	1	375.20	1	23.10	
1/4	1/4	4,633.08	1/4	4,379.45	1/4	4,125.82	1/4	3,872.19	1/4	3,618.30	1/4	3,280.51	1/4	2,916.47	1/4	2,552.44	1/4	2,188.41	1/4	1,824.38	1/4	1,460.35	1/4	1,096.31	1/4	732.56	1/4	367.59	1/4	17.91	
1/2	1/2	4,627.80	1/2	4,374.17	1/2	4,120.53	1/2	3,866.90	1/2	3,612.89	1/2	3,272.92	1/2	2,908.89	1/2	2,544.86	1/2	2,180.83	1/2	1,816.79	1/2	1,452.76	1/2	1,088.73	1/2	724.99	1/2	359.98	1/2	14.58	
3/4	3/4	4,622.51	3/4	4,368.88	3/4	4,115.25	3/4	3,861.62	3/4	3,607.17	3/4	3,265.34	3/4	2,901.31	3/4	2,537.27	3/4	2,173.24	3/4	1,809.21	3/4	1,445.18	3/4	1,081.15	3/4	717.41	3/4	352.37	3/4	11.25	
2	2	4,617.23	2	4,363.60	2	4,109.97	2	3,856.33	2	3,601.45	2	3,257.75	2	2,893.72	2	2,529.69	2	2,165.66	2	1,801.63	2	1,437.59	2	1,073.56	2	709.83	2	344.76	2	7.92	
1/4	1/4	4,611.95	1/4	4,358.31	1/4	4,104.68	1/4	3,851.05	1/4	3,595.74	1/4	3,250.17	1/4	2,886.14	1/4	2,522.11	1/4	2,158.07	1/4	1,794.04	1/4	1,430.01	1/4	1,065.98	1/4	702.25	1/4	337.15	1/4	4.59	
1/2	1/2	4,606.66	1/2	4,353.03	1/2	4,099.40	1/2	3,845.77	1/2	3,590.02	1/2	3,242.59	1/2	2,876.55	1/2	2,514.52	1/2	2,150.49	1/2	1,786.46	1/2	1,422.43	1/2	1,058.39	1/2	694.68	1/2	329.54	1/2	3.51	
3/4	3/4	4,601.38	3/4	4,347.75	3/4	4,094.11	3/4	3,840.48	3/4	3,583.96	3/4	3,235.00	3/4	2,870.97	3/4	2,506.94	3/4	2,142.91	3/4	1,778.87	3/4	1,414.84	3/4	1,050.81	3/4	687.10	3/4	321.93	3/4	2.44	
3	3	4,596.09	3	4,342.46	3	4,088.83	3	3,835.20	3	3,577.90	3	3,227.42	3	2,863.39	3	2,499.35	3	2,135.32	3	1,771.29	3	1,407.26	3	1,043.23	3	679.52	3	314.32	3	* 1.36	
1/4	1/4	4,590.81	1/4	4,337.18	1/4	4,083.55	1/4	3,829.91	1/4	3,571.83	1/4	3,219.83	1/4	2,855.80	1/4	2,491.77	1/4	2,127.74	1/4	1,763.71	1/4	1,399.67	1/4	1,035.64	1/4	702.25	1/4	330.71	1/4	4.59	
1/2	1/2	4,585.53	1/2	4,331.89	1/2	4,078.26	1/2	3,824.63	1/2	3,565.77	1/2	3,212.25	1/2	2,848.22	1/2	2,484.19	1/2	2,120.15	1/2	1,756.12	1/2	1,392.09	1/2	1,028.07	1/2	664.34	1/2	299.11	1/2		
3/4	3/4	4,580.24	3/4	4,326.61	3/4	4,072.98	3/4	3,819.35	3/4	3,559.36	3/4	3,204.67	3/4	2,840.63	3/4	2,476.60	3/4	2,112.57	3/4	1,748.54	3/4	1,384.51	3/4	1,020.49	3/4	656.73	3/4	291.50	3/4		
4	4	4,574.96	4	4,321.33	4	4,067.69	4	3,814.06	4	3,552.96	4	3,197.08	4	2,833.05	4	2,469.02	4	2,104.99	4	1,740.95	4	1,376.92	4	1,012.91	4	649.12	4	283.89	4		
1/4	1/4	4,569.67	1/4	4,316.04	1/4	4,062.41	1/4	3,808.78	1/4	3,546.55	1/4	3,189.50	1/4	2,825.47	1/4	2,461.43	1/4	2,097.40	1/4	1,733.37	1/4	1,369.34	1/4	1,005.33	1/4	641.51	1/4	276.28	1/4		
1/2	1/2	4,564.39	1/2	4,310.76	1/2	4,057.13	1/2	3,803.49	1/2	3,540.14	1/2	3,181.91	1/2	2,817.88	1/2	2,453.85	1/2	2,109.82	1/2	1,725.79	1/2	1,361.75	1/2	997.76	1/2	633.90	1/2	268.67	1/2		
3/4	3/4	4,559.11	3/4	4,305.47	3/4	4,051.84	3/4	3,798.21	3/4	3,533.39	3/4	3,174.33	3/4	2,810.30	3/4	2,446.27	3/4	2,082.23	3/4	1,718.20	3/4	1,354.17	3/4	990.18	3/4	626.29	3/4	261.06	3/4		
5	5	4,553.82	5	4,300.19	5	4,046.56	5	3,792.93	5	3,526.63	5	3,166.75	5	2,802.71	5	2,438.68	5	2,074.65	5	1,710.62	5	1,346.59	5	982.60	5	618.68	5	253.45	5		
1/4	1/4	4,548.54	1/4	4,294.91	1/4	4,041.27	1/4	3,787.64	1/4	3,519.88	1/4	3,159.16	1/4	2,795.13	1/4	2,431.10	1/4	2,067.07	1/4	1,703.03	1/4	1,339.00	1/4	975.03	1/4	611.07	1/4	245.84	1/4		
1/2	1/2	4,543.25	1/2	4,289.62	1/2	4,035.99	1/2	3,782.36	1/2	3,513.13	1/2	3,151.58	1/2	2,787.55	1/2	2,423.51	1/2	2,059.48	1/2	1,695.45	1/2	1,331.42	1/2	967.45	1/2	603.47	1/2	238.23	1/2		
3/4	3/4	4,537.97	3/4	4,284.34	3/4	4,030.71	3/4	3,777.07	3/4	3,506.03	3/4	3,143.99	3/4	2,779.96	3/4	2,415.93	3/4	2,051.90	3/4	1,687.87	3/4	1,323.83	3/4	959.87	3/4	595.86	3/4	230.62	3/4		
6	6	4,532.69	6	4,273.05	6	4,025.42	6	3,771.79	6	3,498.93	6	3,136.41	6	2,772.38	6	2,408.35	6	2,044.31	6	1,680.28	6	1,316.25	6	952.30	6	588.25	6	223.02	6		
1/4	1/4	4,527.40	1/4	4,268.77	1/4	4,020.14	1/4	3,766.51	1/4	3,491.83	1/4	3,128.83	1/4	2,767.79	1/4	2,400.76	1/4	2,036.73	1/4	1,672.70	1/4	1,308.67	1/4	944.72	1/4	580.64	1/4	215.41	1/4		
1/2	1/2	4,522.12	1/2	4,264.49	1/2	4,014.85	1/2	3,761.22	1/2	3,484.73	1/2	3,121.24	1/2	2,762.71	1/2	2,393.18	1/2	2,029.15	1/2	1,665.11	1/2	1,301.08	1/2	937.14	1/2	573.03	1/2	207.80	1/2		
3/4	3/4	4,516.83	3/4	4,258.20	3/4	4,009.57	3/4	3,755.94	3/4	3,477.28	3/4	3,113.66	3/4	2,748.63	3/4	2,385.59	3/4	2,021.56	3/4	1,657.53	3/4	1,293.50	3/4	929.56	3/4	565.42	3/4	200.19	3/4		
7	7	4,511.55	7	4,257.92	7	4,004.29	7	3,750.65	7	3,469.83	7	3,106.07	7	2,742.04	7	2,378.01	7	2,013.98	7	1,649.95	7	1,285.91	7	921.99	7	557.81	7	192.58	7		
1/4	1/4	4,506.27	1/4	4,252.63	1/4	3,999.00	1/4	3,745.37	1/4	3,462.39	1/4	3,098.49	1/4	2,734.46	1/4	2,370.43	1/4	2,006.39	1/4	1,642.36	1/4	1,278.33	1/4	914.41	1/4	550.20	1/4	184.97	1/4		
1/2	1/2	4,500.98	1/2	4,247.35	1/2	3,993.72	1/2	3,740.09	1/2	3,454.94	1/2	3,090.91	1/2	2,726.87	1/2	2,362.84	1/2	1,998.81	1/2	1,634.78	1/2	1,270.75	1/2	906.83	1/2	542.59	1/2	177.60	1/2		
3/4	3/4	4,495.70	3/4	4,242.07	3/4	3,988.43	3/4	3,734.80	3/4	3,447.35	3/4	3,083.32	3/4	2,719.29	3/4	2,355.26	3/4	1,991.23	3/4	1,627.19	3/4	1,263.16	3/4	899.26	3/4	534.98	3/4	170.23	3/4		
8	8	4,490.57	8	4,236.78	8	3,983.15	8	3,729.52	8	3,433.77	8	3,075.74	8	2,711.71	8	2,347.67	8	1,983.64	8	1,619.61	8	1,255.58	8	891.68	8	527.38	8	162.86	8		
1/4	1/4	4,485.13	1/4	4,231.50	1/4	3,977.87	1/4	3,724.23	1/4	3,432.19	1/4	3,068.15	1/4	2,704.12	1/4	2,340.09	1/4	1,976.06	1/4	1,612.03	1/4	1,247.99	1/4	884.10	1/4	519.77	1/4	155.49	1/4		
1/2	1/2	4,479.83	1/2	4,226.21	1/2	3,972.58	1/2	3,718.95	1/2	3,424.60	1/2	3,060.57	1/2	2,696.54	1/2	2,332.51	1/2	1,968.47	1/2	1,604.44	1/2	1,240.41	1/2	876.53	1/2	512.16	1/2	148.13	1/2		
3/4	3/4	4,474.56	3/4	4,220.93	3/4	3,967.30	3/4	3,713.67	3/4	3,417.02	3/4	3,052.99	3/4	2,688.95	3/4	2,324.92	3/4	1,960.89	3/4	1,596.86	3/4	1,232.83	3/4	868.95	3/4	504.55	3/4	140.76	3/4		
9	9	4,469.31	9	4,215.65	9	3,962.01	9	3,708.38	9	3,409.43	9	3,045.40	9	2,681.37	9	2,317.34	9	1,953.31	9	1,589.27	9	1,225.24	9	861.37	9	496.94	9	133.39	9		
1/4	1/4	4,463.55	1/4	4,210.36	1/4	3,956.73	1/4	3,703.10	1/4	3,401.85	1/4	3,037.82	1/4	2,673.79	1/4	2,309.75	1/4	1,945.72	1/4	1,581.69	1/4	1,									



BUREAU VERITAS

BARGE "HFL - 3076" HINES FURLONG LINE

OUTAGE TABLE

1 PORT

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

HULL NO. 4755

Table with 19 columns (2 FT to 17 FT) and multiple rows of data representing gauge readings at various heights and positions.

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 12/10/2010

REISSUED : 05/19/2021 (TO REFLECT CHANGE OF BARGE NAME AND OWNERSHIP) BARGE NOT RESTRAPPED

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 17'-0 1/2" (TO RIM OF 10" DIAMETER HATCH LOCATED ON MANWAY)

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

BUREAU VERITAS NORTH AMERICA



BUREAU VERITAS

BARGE "HFL - 3076" HINES FURLONG LINE

OUTAGE TABLE

1 STAR

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

HULL NO. 4755

Table with 17 columns representing gauge heights from 2 FT to 17 FT and multiple rows of data for each gauge. Includes a diagonal line on the left side of the table.

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 12/10/2010
REISSUED : 05/19/2021 (TO REFLECT CHANGE OF BARGE NAME AND OWNERSHIP) BARGE NOT RESTRAPPED

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 17'-0 3/4" (TO RIM OF 10" DIAMETER HATCH LOCATED ON MANWAY)

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

BUREAU VERITAS NORTH AMERICA



**BUREAU
VERITAS**

BARGE "HFL - 3076" HINES FURLONG LINE

OUTAGE TABLE

2 PORT

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

HULL NO. 4755

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	4,997.43	0	4,651.93	0	4,290.68	0	3,929.43	0	3,568.18	0	3,206.93	0	2,845.69	0	2,484.44	0	2,123.19	0	1,761.94	0	1,400.69	0	1,039.45	0	678.20	0	316.95	0	3.35
1/4		1/4	4,990.29	3/4	4,644.40	1/4	4,283.15	1/4	3,921.90	1/4	3,560.66	1/4	3,199.41	1/4	2,838.16	1/4	2,476.91	3/4	2,115.66	1/4	1,754.42	1/4	1,393.17	1/4	1,031.92	1/4	670.67	1/4	309.42	1/4	2.33
1/2		1/2	4,983.15	1/2	4,636.87	1/2	4,275.63	1/2	3,914.38	1/2	3,553.13	1/2	3,191.88	1/2	2,830.63	1/2	2,469.39	1/2	2,108.14	1/2	1,746.89	1/2	1,385.64	1/2	1,024.39	1/2	663.15	1/2	301.90	1/2	* 1.30
3/4		3/4	4,976.00	3/4	4,629.35	3/4	4,268.10	3/4	3,906.85	3/4	3,545.60	3/4	3,184.36	3/4	2,823.11	3/4	2,461.86	3/4	2,100.61	3/4	1,739.36	3/4	1,378.12	3/4	1,016.87	3/4	655.62	3/4	294.37	3/4	
1		1	4,968.86	1	4,621.82	1	4,260.57	1	3,899.33	1	3,538.08	1	3,176.83	1	2,815.58	1	2,454.33	1	2,093.09	1	1,731.84	1	1,370.59	1	1,009.34	1	648.09	1	286.85	1	
1/4		1/4	4,961.72	1/4	4,614.30	1/4	4,253.05	1/4	3,891.80	1/4	3,530.55	1/4	3,169.30	1/4	2,808.06	1/4	2,446.81	1/4	2,085.56	1/4	1,724.31	1/4	1,363.06	1/4	1,001.82	1/4	640.57	1/4	279.32	1/4	
1/2		1/2	4,954.58	1/2	4,606.77	1/2	4,245.52	1/2	3,884.27	1/2	3,523.03	1/2	3,161.78	1/2	2,800.53	1/2	2,439.28	1/2	2,078.03	1/2	1,716.79	1/2	1,355.54	1/2	994.29	1/2	633.04	1/2	271.79	1/2	
3/4		3/4	4,947.44	3/4	4,599.24	3/4	4,238.00	3/4	3,876.75	3/4	3,515.50	3/4	3,154.25	3/4	2,793.00	3/4	2,431.76	3/4	2,070.51	3/4	1,709.26	3/4	1,348.01	3/4	986.76	3/4	625.52	3/4	264.27	3/4	
2		2	4,940.29	2	4,591.72	2	4,230.47	2	3,869.22	2	3,507.97	2	3,146.73	2	2,785.48	2	2,424.23	2	2,062.98	2	1,701.73	2	1,340.49	2	979.24	2	617.99	2	256.74	2	
1/4		1/4	4,933.15	1/4	4,584.19	1/4	4,222.94	1/4	3,861.70	1/4	3,500.45	1/4	3,139.20	1/4	2,777.95	1/4	2,416.70	1/4	2,055.46	1/4	1,694.21	1/4	1,332.96	1/4	971.71	1/4	610.46	1/4	249.22	1/4	
1/2		1/2	4,926.01	1/2	4,576.67	1/2	4,215.42	1/2	3,854.17	1/2	3,492.92	1/2	3,131.67	1/2	2,770.43	1/2	2,409.18	1/2	2,047.93	1/2	1,686.68	1/2	1,325.43	1/2	964.19	1/2	602.94	1/2	241.69	1/2	
3/4		3/4	4,918.87	3/4	4,569.14	3/4	4,207.89	3/4	3,846.64	3/4	3,485.40	3/4	3,124.15	3/4	2,762.90	3/4	2,401.65	3/4	2,040.40	3/4	1,679.16	3/4	1,317.91	3/4	956.66	3/4	595.41	3/4	234.16	3/4	
3		3	4,911.73	3	4,561.61	3	4,200.37	3	3,839.12	3	3,477.87	3	3,116.62	3	2,755.37	3	2,394.13	3	2,032.88	3	1,671.63	3	1,310.38	3	949.13	3	587.89	3	226.64	3	
1/4		1/4	4,904.58	1/4	4,554.09	1/4	4,192.84	1/4	3,831.59	1/4	3,470.34	1/4	3,109.10	1/4	2,747.85	1/4	2,386.60	1/4	2,025.35	1/4	1,664.10	1/4	1,302.86	1/4	941.61	1/4	580.36	1/4	219.11	1/4	
1/2		1/2	4,897.44	1/2	4,546.56	1/2	4,185.31	1/2	3,824.07	1/2	3,462.82	1/2	3,101.57	1/2	2,740.32	1/2	2,379.07	1/2	2,017.83	1/2	1,656.58	1/2	1,295.33	1/2	934.08	1/2	572.83	1/2	211.59	1/2	
3/4		3/4	4,890.30	3/4	4,539.04	3/4	4,177.79	3/4	3,816.54	3/4	3,455.29	3/4	3,094.04	3/4	2,732.80	3/4	2,371.55	3/4	2,010.30	3/4	1,649.05	3/4	1,287.80	3/4	926.56	3/4	565.31	3/4	204.06	3/4	
4	5,129.96	4	4,883.16	4	4,531.51	4	4,170.26	4	3,809.01	4	3,447.77	4	3,086.52	4	2,725.27	4	2,364.02	4	2,002.77	4	1,641.53	4	1,280.28	4	919.03	4	557.78	4	196.53	4	
1/4	5,129.56	1/4	4,876.02	1/4	4,523.98	1/4	4,162.74	1/4	3,801.49	1/4	3,440.24	1/4	3,078.99	1/4	2,717.74	1/4	2,356.50	1/4	1,995.25	1/4	1,634.00	1/4	1,272.75	1/4	911.50	1/4	550.26	1/4	189.01	1/4	
1/2	5,129.16	1/2	4,868.87	1/2	4,516.46	1/2	4,155.21	1/2	3,793.96	1/2	3,432.71	1/2	3,071.47	1/2	2,710.22	1/2	2,348.97	1/2	1,987.72	1/2	1,626.47	1/2	1,265.23	1/2	903.98	1/2	542.73	1/2	181.48	1/2	
3/4	5,128.76	3/4	4,861.73	3/4	4,508.93	3/4	4,147.68	3/4	3,786.44	3/4	3,425.19	3/4	3,063.94	3/4	2,702.69	3/4	2,341.44	3/4	1,980.20	3/4	1,618.95	3/4	1,257.70	3/4	896.45	3/4	535.20	3/4	173.96	3/4	
5	5,127.44	5	4,854.59	5	4,501.41	5	4,140.16	5	3,778.91	5	3,417.66	5	3,056.41	5	2,695.17	5	2,333.92	5	1,972.67	5	1,611.42	5	1,250.17	5	888.93	5	527.68	5	167.02	5	
1/4	5,126.11	1/4	4,847.45	1/4	4,493.88	1/4	4,132.63	1/4	3,771.38	1/4	3,410.14	1/4	3,048.89	1/4	2,687.64	1/4	2,326.39	1/4	1,965.14	1/4	1,603.90	1/4	1,242.65	1/4	881.40	1/4	520.15	1/4	160.09	1/4	
1/2	5,124.78	1/2	4,840.31	1/2	4,486.35	1/2	4,125.11	1/2	3,763.86	1/2	3,402.61	1/2	3,041.36	1/2	2,680.11	1/2	2,318.87	1/2	1,957.62	1/2	1,596.37	1/2	1,235.12	1/2	873.87	1/2	512.63	1/2	153.15	1/2	
3/4	5,123.45	3/4	4,833.16	3/4	4,478.83	3/4	4,117.58	3/4	3,756.33	3/4	3,395.08	3/4	3,033.94	3/4	2,672.59	3/4	2,311.34	3/4	1,950.09	3/4	1,588.84	3/4	1,227.60	3/4	866.35	3/4	505.10	3/4	146.22	3/4	
6	5,121.06	6	4,826.02	6	4,471.30	6	4,110.05	6	3,748.81	6	3,387.56	6	3,026.31	6	2,665.06	6	2,303.81	6	1,942.57	6	1,581.32	6	1,220.07	6	858.82	6	497.57	6	139.29	6	
1/4	5,118.66	1/4	4,818.88	1/4	4,463.78	1/4	4,102.53	1/4	3,741.28	1/4	3,380.03	1/4	3,018.78	1/4	2,657.54	1/4	2,296.29	1/4	1,935.04	1/4	1,573.79	1/4	1,212.54	1/4	851.30	1/4	490.05	1/4	132.35	1/4	
1/2	5,116.27	1/2	4,811.74	1/2	4,456.25	1/2	4,095.00	1/2	3,733.75	1/2	3,372.51	1/2	3,011.26	1/2	2,650.01	1/2	2,286.76	1/2	1,927.51	1/2	1,566.27	1/2	1,205.02	1/2	843.77	1/2	482.52	1/2	125.42	1/2	
3/4	5,113.88	3/4	4,804.60	3/4	4,448.72	3/4	4,087.48	3/4	3,726.23	3/4	3,364.98	3/4	3,003.73	3/4	2,642.48	3/4	2,281.24	3/4	1,919.99	3/4	1,555.74	3/4	1,197.49	3/4	836.24	3/4	475.00	3/4	118.48	3/4	
7	5,110.42	7	4,797.45	7	4,441.20	7	4,079.95	7	3,718.70	7	3,357.45	7	2,996.21	7	2,634.96	7	2,273.71	7	1,912.46	7	1,551.21	7	1,189.97	7	828.72	7	467.47	7	111.55	7	
1/4	5,108.96	1/4	4,790.31	1/4	4,433.67	1/4	4,072.42	1/4	3,711.18	1/4	3,349.93	1/4	2,988.68	1/4	2,627.43	1/4	2,266.18	1/4	1,904.94	1/4	1,543.69	1/4	1,182.44	1/4	821.19	1/4	459.94	1/4	104.62	1/4	
1/2	5,103.50	1/2	4,783.17	1/2	4,426.15	1/2	4,064.90	1/2	3,703.65	1/2	3,342.40	1/2	2,981.15	1/2	2,619.91	1/2	2,258.66	1/2	1,897.41	1/2	1,536.16	1/2	1,174.91	1/2	813.67	1/2	452.42	1/2	97.68	1/2	
3/4	5,100.04	3/4	4,776.03	3/4	4,418.62	3/4	4,057.37	3/4	3,696.12	3/4	3,334.88	3/4	2,973.63	3/4	2,612.38	3/4	2,251.13	3/4	1,889.88	3/4	1,528.64	3/4	1,167.39	3/4	806.14	3/4	444.89	3/4	90.75	3/4	
8	5,095.51	8	4,768.89	8	4,411.09	8	4,049.85	8	3,688.60	8	3,327.35	8	2,966.10	8	2,604.85	8	2,243.61	8	1,882.36	8	1,521.11	8	1,169.86	8	798.61	8	437.37	8	83.81	8	
1/4	5,090.98	1/4	4,761.74	1/4	4,403.57	1/4	4,042.32	1/4	3,681.07	1/4	3,319.82	1/4	2,958.58	1/4	2,597.33	1/4	2,236.08	1/4	1,874.83	1/4	1,513.58	1/4	1,152.34	1/4	791.09	1/4	429.84	1/4	76.88	1/4	
1/2	5,086.46	1/2	4,754.60	1/2	4,396.04	1/2	4,034.79	1/2	3,673.55	1/2	3,312.30	1/2	2,951.05	1/2	2,589.80	1/2	2,228.55	1/2	1,867.31	1/2	1,506.06	1/2	1,144.81	1/2	783.56	1/2	422.31	1/2	69.95	1/2	
3/4	5,081.93	3/4	4,747.46	3/4	4,388.52	3/4	4,027.27	3/4	3,666.02	3/4	3,304.77	3/4	2,943.52	3/4	2,582.28	3/4	2,221.03	3/4	1,859.78	3/4	1,498.53	3/4	1,137.28	3/4	776.04	3/4	414.79	3/4	63.01	3/4	
9	5,076.34	9	4,740.32	9	4,380.99	9	4,019.74	9	3,658.49	9	3,297.25	9	2,936.00	9	2,574.75	9	2,213.50	9	1,852.25	9	1,491.01	9	1,129.76	9	768.51	9	407.26	9	56.08	9	



**BUREAU
VERITAS**

BARGE "HFL - 3076" HINES FURLONG LINE

OUTAGE TABLE

2 STAR

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

HULL NO. 4755

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	5,004.57	0	4,659.45	0	4,298.20	0	3,936.96	0	3,575.71	0	3,214.46	0	2,853.21	0	2,491.96	0	2,130.72	0	1,769.47	0	1,408.22	0	1,046.97	0	685.72	0	324.48	0	4.38		
1/4		1/4	4,997.43	1/4	4,651.93	1/4	4,290.68	1/4	3,929.43	1/4	3,568.18	1/4	3,206.93	1/4	2,845.69	1/4	2,484.44	1/4	2,123.19	1/4	1,761.94	1/4	1,400.69	1/4	1,039.45	1/4	678.20	1/4	316.95	1/4	3.35		
1/2		1/2	4,990.29	1/2	4,644.40	1/2	4,283.15	1/2	3,921.90	1/2	3,560.66	1/2	3,199.41	1/2	2,838.16	1/2	2,476.91	1/2	2,115.66	1/2	1,754.42	1/2	1,393.17	1/2	1,031.92	1/2	670.67	1/2	309.42	1/2	2.33		
3/4		3/4	4,983.15	3/4	4,636.87	3/4	4,275.63	3/4	3,914.38	3/4	3,553.13	3/4	3,191.88	3/4	2,830.63	3/4	2,469.39	3/4	2,108.14	3/4	1,746.89	3/4	1,385.64	3/4	1,024.39	3/4	663.15	3/4	301.90	3/4	* 1.30		
1		1	4,976.00	1	4,629.35	1	4,268.10	1	3,906.85	1	3,545.60	1	3,184.36	1	2,823.11	1	2,461.86	1	2,100.61	1	1,739.36	1	1,378.12	1	1,016.87	1	655.62	1	294.37	1			
1/4		1/4	4,968.86	1/4	4,621.82	1/4	4,260.57	1/4	3,899.33	1/4	3,538.08	1/4	3,176.83	1/4	2,815.58	1/4	2,454.33	1/4	2,093.09	1/4	1,731.84	1/4	1,370.59	1/4	1,009.34	1/4	648.09	1/4	286.85	1/4			
1/2		1/2	4,961.72	1/2	4,614.30	1/2	4,253.05	1/2	3,891.80	1/2	3,530.55	1/2	3,169.30	1/2	2,808.06	1/2	2,446.81	1/2	2,085.56	1/2	1,724.31	1/2	1,363.06	1/2	1,001.82	1/2	640.57	1/2	279.32	1/2			
3/4		3/4	4,954.58	3/4	4,606.77	3/4	4,245.52	3/4	3,884.27	3/4	3,523.03	3/4	3,161.78	3/4	2,800.53	3/4	2,439.28	3/4	2,078.03	3/4	1,716.79	3/4	1,355.54	3/4	994.29	3/4	633.04	3/4	271.79	3/4			
2		2	4,947.44	2	4,599.24	2	4,238.00	2	3,876.75	2	3,515.50	2	3,154.25	2	2,793.00	2	2,431.76	2	2,070.51	2	1,709.26	2	1,348.01	2	986.76	2	625.52	2	264.27	2			
1/4		1/4	4,940.29	1/4	4,591.72	1/4	4,230.47	1/4	3,869.22	1/4	3,507.97	1/4	3,146.73	1/4	2,785.48	1/4	2,424.23	1/4	2,062.98	1/4	1,701.73	1/4	1,340.49	1/4	979.24	1/4	617.99	1/4	256.74	1/4			
1/2		1/2	4,933.15	1/2	4,584.19	1/2	4,222.94	1/2	3,861.70	1/2	3,500.45	1/2	3,139.20	1/2	2,777.95	1/2	2,416.70	1/2	2,055.46	1/2	1,694.21	1/2	1,332.96	1/2	971.71	1/2	610.46	1/2	249.22	1/2			
3/4		3/4	4,926.01	3/4	4,576.67	3/4	4,215.42	3/4	3,854.17	3/4	3,492.92	3/4	3,131.67	3/4	2,770.43	3/4	2,409.18	3/4	2,047.93	3/4	1,686.68	3/4	1,325.43	3/4	964.19	3/4	602.94	3/4	241.69	3/4			
3		3	4,918.87	3	4,569.14	3	4,207.89	3	3,846.64	3	3,485.40	3	3,124.15	3	2,762.90	3	2,401.65	3	2,040.40	3	1,679.16	3	1,317.91	3	956.66	3	595.41	3	234.16	3			
1/4		1/4	4,911.73	1/4	4,561.61	1/4	4,200.37	1/4	3,839.12	1/4	3,477.87	1/4	3,116.62	1/4	2,755.37	1/4	2,394.13	1/4	2,032.88	1/4	1,671.63	1/4	1,310.38	1/4	949.13	1/4	587.89	1/4	226.64	1/4			
1/2		1/2	4,904.58	1/2	4,554.09	1/2	4,192.84	1/2	3,831.59	1/2	3,470.34	1/2	3,109.10	1/2	2,747.85	1/2	2,386.60	1/2	2,025.35	1/2	1,664.10	1/2	1,302.86	1/2	941.61	1/2	580.36	1/2	219.11	1/2			
3/4		3/4	4,897.44	3/4	4,546.56	3/4	4,185.31	3/4	3,824.07	3/4	3,462.82	3/4	3,101.57	3/4	2,740.32	3/4	2,379.07	3/4	2,017.83	3/4	1,656.58	3/4	1,295.33	3/4	934.08	3/4	572.83	3/4	211.59	3/4			
4		4	4,890.30	4	4,539.04	4	4,177.79	4	3,816.54	4	3,455.29	4	3,094.04	4	2,732.80	4	2,371.55	4	2,010.30	4	1,649.05	4	1,287.80	4	926.56	4	565.31	4	204.06	4			
1/4		1/4	5,129.96	1/4	4,883.16	1/4	4,531.51	1/4	4,170.26	1/4	3,809.01	1/4	3,447.77	1/4	3,086.52	1/4	2,725.27	1/4	2,364.02	1/4	2,002.77	1/4	1,641.53	1/4	1,280.28	1/4	919.03	1/4	557.78	1/4	196.53	1/4	
1/2		1/2	5,129.56	1/2	4,876.02	1/2	4,523.98	1/2	4,162.74	1/2	3,801.49	1/2	3,440.24	1/2	3,078.99	1/2	2,717.74	1/2	2,356.50	1/2	1,995.25	1/2	1,634.00	1/2	1,272.75	1/2	911.50	1/2	550.26	1/2	189.01	1/2	
3/4		3/4	5,129.16	3/4	4,868.87	3/4	4,516.46	3/4	4,155.21	3/4	3,793.96	3/4	3,432.71	3/4	3,071.47	3/4	2,710.22	3/4	2,348.97	3/4	1,987.72	3/4	1,626.47	3/4	1,265.23	3/4	903.98	3/4	542.73	3/4	181.48	3/4	
5		5	5,128.76	5	4,861.73	5	4,508.93	5	4,147.68	5	3,786.44	5	3,425.19	5	3,063.94	5	2,702.69	5	2,341.44	5	1,980.20	5	1,618.95	5	1,257.70	5	896.45	5	535.20	5	173.96	5	
1/4		1/4	5,127.44	1/4	4,854.59	1/4	4,501.41	1/4	4,140.16	1/4	3,778.91	1/4	3,417.66	1/4	3,056.41	1/4	2,695.17	1/4	2,333.92	1/4	1,972.67	1/4	1,611.42	1/4	1,250.17	1/4	888.93	1/4	527.68	1/4	167.02	1/4	
1/2		1/2	5,126.11	1/2	4,847.45	1/2	4,493.88	1/2	4,132.63	1/2	3,771.38	1/2	3,410.14	1/2	3,048.89	1/2	2,687.64	1/2	2,326.39	1/2	1,965.14	1/2	1,603.90	1/2	1,242.65	1/2	881.40	1/2	520.15	1/2	160.09	1/2	
3/4		3/4	5,124.78	3/4	4,840.31	3/4	4,486.35	3/4	4,125.11	3/4	3,763.86	3/4	3,402.61	3/4	3,041.36	3/4	2,680.11	3/4	2,318.87	3/4	1,957.62	3/4	1,596.37	3/4	1,235.12	3/4	873.87	3/4	512.63	3/4	153.15	3/4	
6		6	5,123.45	6	4,833.16	6	4,478.83	6	4,117.58	6	3,756.33	6	3,395.08	6	3,033.84	6	2,672.59	6	2,311.34	6	1,950.09	6	1,588.84	6	1,227.60	6	866.35	6	505.10	6	146.22	6	
1/4		1/4	5,121.06	1/4	4,826.02	1/4	4,471.30	1/4	4,110.05	1/4	3,748.81	1/4	3,387.56	1/4	3,026.31	1/4	2,665.06	1/4	2,303.81	1/4	1,942.57	1/4	1,581.32	1/4	1,220.07	1/4	858.82	1/4	497.57	1/4	139.29	1/4	
1/2		1/2	5,118.66	1/2	4,818.98	1/2	4,463.78	1/2	4,102.53	1/2	3,741.28	1/2	3,380.03	1/2	3,018.78	1/2	2,657.54	1/2	2,296.29	1/2	1,935.04	1/2	1,573.79	1/2	1,212.54	1/2	851.30	1/2	490.05	1/2	132.35	1/2	
3/4		3/4	5,116.27	3/4	4,811.74	3/4	4,456.25	3/4	4,095.00	3/4	3,733.75	3/4	3,372.51	3/4	3,011.26	3/4	2,650.01	3/4	2,288.76	3/4	1,927.51	3/4	1,566.27	3/4	1,205.02	3/4	843.77	3/4	482.52	3/4	125.42	3/4	
7		7	5,113.88	7	4,804.60	7	4,448.72	7	4,087.48	7	3,726.23	7	3,364.98	7	3,003.73	7	2,642.48	7	2,281.24	7	1,919.99	7	1,558.74	7	1,197.49	7	836.24	7	475.00	7	118.48	7	
1/4		1/4	5,110.42	1/4	4,797.45	1/4	4,441.20	1/4	4,079.95	1/4	3,718.70	1/4	3,357.45	1/4	2,996.21	1/4	2,634.96	1/4	2,273.71	1/4	1,912.46	1/4	1,551.21	1/4	1,189.97	1/4	828.72	1/4	467.47	1/4	111.55	1/4	
1/2		1/2	5,108.96	1/2	4,790.31	1/2	4,433.67	1/2	4,072.42	1/2	3,711.18	1/2	3,349.93	1/2	2,988.68	1/2	2,627.43	1/2	2,266.18	1/2	1,904.94	1/2	1,543.69	1/2	1,182.44	1/2	821.19	1/2	459.94	1/2	104.62	1/2	
3/4		3/4	5,103.50	3/4	4,783.17	3/4	4,426.15	3/4	4,064.90	3/4	3,703.65	3/4	3,342.40	3/4	2,981.15	3/4	2,619.91	3/4	2,258.66	3/4	1,897.41	3/4	1,536.16	3/4	1,174.91	3/4	813.67	3/4	452.42	3/4	97.68	3/4	
8		8	5,100.04	8	4,776.03	8	4,418.62	8	4,057.37	8	3,696.12	8	3,334.88	8	2,973.63	8	2,612.38	8	2,251.13	8	1,889.88	8	1,528.64	8	1,167.39	8	806.14	8	444.89	8	90.75	8	
1/4		1/4	5,095.51	1/4	4,768.89	1/4	4,411.09	1/4	4,049.85	1/4	3,688.60	1/4	3,327.35	1/4	2,966.10	1/4	2,604.85	1/4	2,243.61	1/4	1,882.36	1/4	1,521.11	1/4	1,159.86	1/4	798.61	1/4	437.37	1/4	83.81	1/4	
1/2		1/2	5,090.98	1/2	4,761.74	1/2	4,403.57	1/2	4,042.32	1/2	3,681.07	1/2	3,319.82	1/2	2,958.58	1/2	2,597.33	1/2	2,226.08	1/2	1,874.83	1/2	1,513.58	1/2	1,152.34	1/2	791.09	1/2	429.84	1/2	76.88	1/2	
3/4		3/4	5,086.46	3/4	4,754.60	3/4	4,396.04	3/4	4,034.79	3/4	3,673.55	3/4	3,312.30	3/4	2,951.05	3/4	2,589.80	3/4	2,228.55	3/4	1,867.31	3/4	1,506.06	3/4	1,144.81	3/4	783.56	3/4	422.31	3/4	69.95	3/4	
9		9	5,081.93	9	4,747.46	9	4,388.52	9	4,																								



BUREAU VERITAS

BARGE "HFL - 3076" HINES FURLONG LINE

OUTAGE TABLE

3 PORT

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

HULL NO. 4755

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	4,606.66	0	4,353.03	0	4,099.40	0	3,845.77	0	3,590.02	0	3,324.59	0	2,878.55	0	2,514.52	0	2,150.49	0	1,786.46	0	1,422.43	0	1,058.39	0	694.68	0	329.54	0	3.51	
1/4	1/4	4,601.38	1/4	4,347.75	1/4	4,094.11	1/4	3,840.48	1/4	3,583.96	1/4	3,323.00	1/4	2,870.97	1/4	2,506.94	1/4	2,142.91	1/4	1,777.87	1/4	1,414.84	1/4	1,050.81	1/4	687.10	1/4	321.93	1/4	2.44	
1/2	1/2	4,596.09	1/2	4,342.46	1/2	4,088.83	1/2	3,835.20	1/2	3,577.90	1/2	3,327.42	1/2	2,863.39	1/2	2,499.35	1/2	2,135.32	1/2	1,771.29	1/2	1,407.26	1/2	1,043.23	1/2	679.52	1/2	314.32	1/2	1.36	
3/4	3/4	4,590.81	3/4	4,337.18	3/4	4,083.55	3/4	3,829.91	3/4	3,571.83	3/4	3,319.83	3/4	2,855.80	3/4	2,491.77	3/4	2,127.74	3/4	1,763.71	3/4	1,399.67	3/4	1,035.64	3/4	671.95	3/4	306.71	3/4		
1	1	4,585.53	1	4,331.89	1	4,078.26	1	3,824.63	1	3,565.77	1	3,312.25	1	2,848.22	1	2,484.19	1	2,120.15	1	1,756.12	1	1,392.09	1	1,028.07	1	664.34	1	299.11	1		
1/4	1/4	4,580.24	1/4	4,326.61	1/4	4,072.98	1/4	3,819.35	1/4	3,559.36	1/4	3,304.67	1/4	2,840.63	1/4	2,476.60	1/4	2,112.57	1/4	1,748.54	1/4	1,384.51	1/4	1,020.49	1/4	656.73	1/4	291.50	1/4		
1/2	1/2	4,574.96	1/2	4,321.33	1/2	4,067.69	1/2	3,814.06	1/2	3,552.96	1/2	3,197.08	1/2	2,833.05	1/2	2,469.02	1/2	2,104.99	1/2	1,740.95	1/2	1,376.92	1/2	1,012.91	1/2	649.12	1/2	283.89	1/2		
3/4	3/4	4,569.67	3/4	4,316.04	3/4	4,062.41	3/4	3,808.78	3/4	3,546.55	3/4	3,189.50	3/4	2,825.47	3/4	2,461.43	3/4	2,097.40	3/4	1,733.37	3/4	1,369.34	3/4	1,005.33	3/4	641.51	3/4	276.28	3/4		
2	2	4,564.39	2	4,310.76	2	4,057.13	2	3,803.49	2	3,540.14	2	3,181.91	2	2,817.88	2	2,453.85	2	2,089.82	2	1,725.79	2	1,361.75	2	997.76	2	633.90	2	268.67	2		
1/4	1/4	4,559.11	1/4	4,305.47	1/4	4,051.84	1/4	3,798.21	1/4	3,533.39	1/4	3,174.33	1/4	2,810.30	1/4	2,446.27	1/4	2,082.23	1/4	1,718.20	1/4	1,354.71	1/4	990.18	1/4	626.29	1/4	261.06	1/4		
1/2	1/2	4,553.82	1/2	4,300.19	1/2	4,046.56	1/2	3,792.93	1/2	3,526.63	1/2	3,166.75	1/2	2,802.71	1/2	2,438.68	1/2	2,074.65	1/2	1,710.62	1/2	1,346.59	1/2	982.60	1/2	618.68	1/2	253.45	1/2		
3/4	3/4	4,548.54	3/4	4,294.91	3/4	4,041.27	3/4	3,787.64	3/4	3,519.88	3/4	3,159.16	3/4	2,795.13	3/4	2,431.10	3/4	2,067.07	3/4	1,703.03	3/4	1,339.00	3/4	975.03	3/4	611.07	3/4	245.84	3/4		
3	3	4,543.25	3	4,289.62	3	4,035.99	3	3,782.36	3	3,513.13	3	3,151.58	3	2,787.55	3	2,423.51	3	2,059.48	3	1,695.45	3	1,331.42	3	967.45	3	603.47	3	238.23	3		
1/4	1/4	4,537.97	1/4	4,284.34	1/4	4,030.71	1/4	3,777.07	1/4	3,506.03	1/4	3,143.99	1/4	2,779.96	1/4	2,415.93	1/4	2,051.90	1/4	1,687.87	1/4	1,323.83	1/4	959.87	1/4	595.86	1/4	230.62	1/4		
1/2	1/2	4,532.69	1/2	4,279.05	1/2	4,025.42	1/2	3,771.79	1/2	3,498.93	1/2	3,136.41	1/2	2,772.38	1/2	2,408.35	1/2	2,044.31	1/2	1,680.28	1/2	1,316.25	1/2	952.30	1/2	588.25	1/2	223.02	1/2		
3/4	3/4	4,527.40	3/4	4,273.77	3/4	4,020.14	3/4	3,766.51	3/4	3,491.83	3/4	3,128.83	3/4	2,764.79	3/4	2,400.76	3/4	2,036.73	3/4	1,672.70	3/4	1,308.67	3/4	944.72	3/4	580.64	3/4	215.41	3/4		
4	4,704.36	4	4,522.12	4	4,268.49	4	4,014.85	4	3,761.22	4	3,484.73	4	3,121.24	4	2,757.21	4	2,393.18	4	2,029.15	4	1,665.11	4	1,301.08	4	937.14	4	573.03	4	207.80	4	
1/4	4,704.07	1/4	4,516.83	1/4	4,263.20	1/4	4,009.57	1/4	3,755.94	1/4	3,477.28	1/4	3,113.66	1/4	2,749.63	1/4	2,385.59	1/4	2,021.56	1/4	1,657.53	1/4	1,293.50	1/4	929.56	1/4	565.42	1/4	200.19	1/4	
1/2	4,703.78	1/2	4,511.55	1/2	4,257.92	1/2	4,004.29	1/2	3,750.65	1/2	3,469.83	1/2	3,106.07	1/2	2,742.04	1/2	2,378.01	1/2	2,013.98	1/2	1,649.95	1/2	1,285.91	1/2	921.99	1/2	557.81	1/2	192.58	1/2	
3/4	4,703.49	3/4	4,506.27	3/4	4,252.63	3/4	3,999.00	3/4	3,745.37	3/4	3,462.39	3/4	3,098.49	3/4	2,734.46	3/4	2,370.43	3/4	2,006.39	3/4	1,642.36	3/4	1,278.33	3/4	914.41	3/4	550.20	3/4	184.97	3/4	
5	4,702.52	5	4,500.98	5	4,247.35	5	3,993.72	5	3,740.09	5	3,454.94	5	3,090.91	5	2,726.87	5	2,362.84	5	1,998.81	5	1,634.78	5	1,270.75	5	906.83	5	542.59	5	177.60	5	
1/4	4,701.54	1/4	4,495.70	1/4	4,242.07	1/4	3,988.43	1/4	3,734.80	1/4	3,447.35	1/4	3,083.32	1/4	2,719.29	1/4	2,355.26	1/4	1,991.23	1/4	1,627.19	1/4	1,263.16	1/4	899.26	1/4	534.98	1/4	170.23	1/4	
1/2	4,700.57	1/2	4,490.41	1/2	4,236.78	1/2	3,983.15	1/2	3,729.52	1/2	3,439.77	1/2	3,075.74	1/2	2,711.71	1/2	2,347.67	1/2	1,983.64	1/2	1,619.61	1/2	1,255.58	1/2	891.68	1/2	527.38	1/2	162.86	1/2	
3/4	4,699.59	3/4	4,485.13	3/4	4,231.50	3/4	3,977.87	3/4	3,724.23	3/4	3,432.19	3/4	3,068.15	3/4	2,704.12	3/4	2,340.09	3/4	1,976.06	3/4	1,612.03	3/4	1,247.99	3/4	884.10	3/4	519.77	3/4	155.49	3/4	
6	4,697.83	6	4,479.85	6	4,226.21	6	3,972.58	6	3,718.95	6	3,424.60	6	3,060.57	6	2,696.54	6	2,332.51	6	1,968.47	6	1,604.44	6	1,240.41	6	876.53	6	512.16	6	148.13	6	
1/4	4,696.07	1/4	4,474.56	1/4	4,220.93	1/4	3,967.30	1/4	3,713.67	1/4	3,417.02	1/4	3,052.99	1/4	2,688.95	1/4	2,324.92	1/4	1,960.89	1/4	1,596.86	1/4	1,232.83	1/4	868.95	1/4	504.55	1/4	140.76	1/4	
1/2	4,694.31	1/2	4,469.28	1/2	4,215.65	1/2	3,962.01	1/2	3,708.38	1/2	3,409.43	1/2	3,045.40	1/2	2,681.37	1/2	2,317.34	1/2	1,953.31	1/2	1,589.27	1/2	1,225.24	1/2	861.37	1/2	496.94	1/2	133.39	1/2	
3/4	4,692.55	3/4	4,463.99	3/4	4,210.36	3/4	3,956.73	3/4	3,703.10	3/4	3,401.85	3/4	3,037.82	3/4	2,673.79	3/4	2,309.75	3/4	1,945.72	3/4	1,581.69	3/4	1,217.66	3/4	853.79	3/4	489.33	3/4	126.02	3/4	
7	4,690.00	7	4,458.71	7	4,205.08	7	3,951.45	7	3,697.81	7	3,394.27	7	3,030.23	7	2,666.20	7	2,302.17	7	1,938.14	7	1,574.11	7	1,210.07	7	846.22	7	481.72	7	118.65	7	
1/4	4,687.46	1/4	4,453.43	1/4	4,199.79	1/4	3,946.16	1/4	3,692.53	1/4	3,386.68	1/4	3,022.65	1/4	2,658.62	1/4	2,294.59	1/4	1,930.55	1/4	1,566.52	1/4	1,202.49	1/4	838.64	1/4	474.11	1/4	111.28	1/4	
1/2	4,684.92	1/2	4,448.14	1/2	4,194.51	1/2	3,940.88	1/2	3,687.25	1/2	3,379.10	1/2	3,015.07	1/2	2,651.03	1/2	2,287.00	1/2	1,922.97	1/2	1,558.94	1/2	1,194.91	1/2	831.06	1/2	466.50	1/2	103.91	1/2	
3/4	4,682.38	3/4	4,442.86	3/4	4,189.23	3/4	3,935.59	3/4	3,681.96	3/4	3,371.51	3/4	3,007.48	3/4	2,643.45	3/4	2,279.42	3/4	1,915.39	3/4	1,551.35	3/4	1,187.32	3/4	823.49	3/4	458.89	3/4	96.54	3/4	
8	4,679.05	8	4,437.57	8	4,183.94	8	3,930.31	8	3,676.68	8	3,363.93	8	2,999.90	8	2,635.87	8	2,271.83	8	1,907.80	8	1,543.77	8	1,179.74	8	815.91	8	451.29	8	89.17	8	
1/4	4,675.73	1/4	4,432.29	1/4	4,178.66	1/4	3,925.03	1/4	3,671.39	1/4	3,356.35	1/4	2,992.31	1/4	2,628.28	1/4	2,264.25	1/4	1,900.22	1/4	1,536.19	1/4	1,172.15	1/4	808.33	1/4	443.68	1/4	81.80	1/4	
1/2	4,672.40	1/2	4,427.01	1/2	4,173.37	1/2	3,919.74	1/2	3,666.11	1/2	3,348.76	1/2	2,984.73	1/2	2,620.70	1/2	2,256.67	1/2	1,892.63	1/2	1,528.60	1/2	1,164.57	1/2	800.76	1/2	436.07	1/2	74.44	1/2	
3/4	4,669.08	3/4	4,421.72	3/4	4,168.09	3/4	3,914.46	3/4	3,660.83	3/4	3,341.18	3/4	2,977.15	3/4	2,613.11	3/4	2,249.08	3/4	1,885.05	3/4	1,521.02	3/4	1,156.99	3/4	793.18	3/4	428.46	3/4	67.07	3/4	
9	4,664.97	9	4,416.44	9	4,162.81	9	3,909.17	9	3,655.54	9	3,333.59	9	2,969.56	9	2,605.53	9	2,241.50	9	1,877.47	9	1,513.43	9	1,149.40	9	785.60	9	420.85	9	59.70	9	
1/4	4,660.86	1/4	4,411.15	1/4	4,157.52	1																									



**BUREAU
VERITAS**

BARGE "HFL - 3076" HINES FURLONG LINE

OUTAGE TABLE

3 STAR

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

HULL NO. 4755

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	4,611.95	0	4,358.31	0	4,104.68	0	3,851.05	0	3,595.74	0	3,250.17	0	2,886.14	0	2,522.11	0	2,158.07	0	1,794.04	0	1,430.01	0	1,065.98	0	702.25	0	337.15	0	4.59		
1/4		1/4	4,606.66	3/4	4,353.03	1/4	4,099.40	1/4	3,845.77	1/4	3,590.02	1/4	3,242.59	1/4	2,878.55	1/4	2,514.52	3/4	2,150.49	1/4	1,786.46	1/4	1,422.43	1/4	1,058.39	1/4	694.68	1/4	329.54	1/4	3.51		
1/2		1/2	4,601.38	1/2	4,347.75	1/2	4,094.11	1/2	3,840.48	1/2	3,583.96	1/2	3,235.00	1/2	2,870.97	1/2	2,506.94	1/2	2,142.91	1/2	1,778.87	1/2	1,414.84	1/2	1,050.81	1/2	687.10	1/2	321.93	1/2	2.44		
3/4		3/4	4,596.09	3/4	4,342.46	3/4	4,088.83	3/4	3,835.20	3/4	3,577.90	3/4	3,227.42	3/4	2,863.39	3/4	2,499.35	3/4	2,135.32	3/4	1,771.29	3/4	1,407.26	3/4	1,043.23	3/4	679.52	3/4	314.32	3/4	* 1.36		
1		1	4,590.81	1	4,337.18	1	4,083.55	1	3,829.91	1	3,571.83	1	3,219.83	1	2,855.80	1	2,491.77	1	2,127.74	1	1,763.71	1	1,399.67	1	1,035.64	1	671.95	1	306.71	1			
1/4		1/4	4,585.53	1/4	4,331.89	1/4	4,078.26	1/4	3,824.63	1/4	3,565.77	1/4	3,212.25	1/4	2,848.22	1/4	2,484.19	1/4	2,120.15	1/4	1,756.12	1/4	1,392.09	1/4	1,028.07	1/4	664.34	1/4	299.11	1/4			
1/2		1/2	4,580.24	1/2	4,326.61	1/2	4,072.98	1/2	3,819.35	1/2	3,559.36	1/2	3,204.67	1/2	2,840.63	1/2	2,476.60	1/2	2,112.57	1/2	1,748.54	1/2	1,384.51	1/2	1,020.49	1/2	656.73	1/2	291.50	1/2			
3/4		3/4	4,574.96	3/4	4,321.33	3/4	4,067.69	3/4	3,814.06	3/4	3,552.96	3/4	3,197.08	3/4	2,833.05	3/4	2,469.02	3/4	2,104.99	3/4	1,740.95	3/4	1,376.92	3/4	1,012.91	3/4	649.12	3/4	283.89	3/4			
2		2	4,569.67	2	4,316.04	2	4,062.41	2	3,808.78	2	3,546.55	2	3,189.50	2	2,825.47	2	2,461.43	2	2,097.40	2	1,733.37	2	1,369.34	2	1,005.33	2	641.51	2	276.28	2			
1/4		1/4	4,564.39	1/4	4,310.76	1/4	4,057.13	1/4	3,803.49	1/4	3,540.14	1/4	3,181.91	1/4	2,817.88	1/4	2,453.85	1/4	2,089.82	1/4	1,725.79	1/4	1,361.75	1/4	1,001.31	1/4	633.90	1/4	268.67	1/4			
1/2		1/2	4,559.11	1/2	4,305.47	1/2	4,051.84	1/2	3,798.21	1/2	3,533.39	1/2	3,174.33	1/2	2,810.30	1/2	2,446.27	1/2	2,082.23	1/2	1,718.20	1/2	1,354.17	1/2	990.18	1/2	626.29	1/2	261.06	1/2			
3/4		3/4	4,553.82	3/4	4,300.19	3/4	4,046.56	3/4	3,792.93	3/4	3,526.63	3/4	3,166.75	3/4	2,802.71	3/4	2,438.68	3/4	2,074.65	3/4	1,710.62	3/4	1,346.59	3/4	982.60	3/4	618.68	3/4	253.45	3/4			
3		3	4,548.54	3	4,294.91	3	4,041.27	3	3,787.64	3	3,519.88	3	3,159.16	3	2,795.13	3	2,431.10	3	2,067.07	3	1,703.03	3	1,339.00	3	975.03	3	611.07	3	245.84	3			
1/4		1/4	4,543.25	1/4	4,289.62	1/4	4,035.99	1/4	3,782.36	1/4	3,514.13	1/4	3,151.58	1/4	2,787.55	1/4	2,423.51	1/4	2,059.48	1/4	1,695.45	1/4	1,331.42	1/4	967.45	1/4	603.47	1/4	238.23	1/4			
1/2		1/2	4,537.97	1/2	4,284.34	1/2	4,030.71	1/2	3,777.07	1/2	3,506.03	1/2	3,143.99	1/2	2,779.96	1/2	2,415.93	1/2	2,051.90	1/2	1,687.87	1/2	1,323.83	1/2	959.87	1/2	595.86	1/2	230.62	1/2			
3/4		3/4	4,532.69	3/4	4,279.05	3/4	4,025.42	3/4	3,771.79	3/4	3,498.93	3/4	3,136.41	3/4	2,772.38	3/4	2,408.35	3/4	2,044.31	3/4	1,680.28	3/4	1,316.25	3/4	952.30	3/4	588.25	3/4	223.02	3/4			
4		4	4,527.40	4	4,273.77	4	4,020.14	4	3,766.51	4	3,491.83	4	3,128.83	4	2,764.79	4	2,400.76	4	2,036.73	4	1,672.70	4	1,308.67	4	944.72	4	580.64	4	215.41	4			
1/4	4,704.36	1/4	4,522.12	1/4	4,268.49	1/4	4,014.85	1/4	3,761.22	1/4	3,484.73	1/4	3,121.24	1/4	2,757.21	1/4	2,393.18	1/4	2,029.15	1/4	1,665.11	1/4	1,301.08	1/4	937.14	1/4	573.03	1/4	207.80	1/4			
1/2	4,704.07	1/2	4,516.83	1/2	4,263.20	1/2	4,009.57	1/2	3,755.94	1/2	3,477.28	1/2	3,113.66	1/2	2,749.63	1/2	2,385.59	1/2	2,021.56	1/2	1,657.53	1/2	1,293.50	1/2	929.56	1/2	565.42	1/2	200.19	1/2			
3/4	4,703.78	3/4	4,511.55	3/4	4,257.92	3/4	4,004.29	3/4	3,750.65	3/4	3,469.83	3/4	3,106.07	3/4	2,742.04	3/4	2,378.01	3/4	2,013.98	3/4	1,649.95	3/4	1,285.91	3/4	921.99	3/4	557.81	3/4	192.58	3/4			
5		5	4,703.49	5	4,506.27	5	4,252.63	5	3,999.00	5	3,745.37	5	3,462.39	5	3,098.49	5	2,734.46	5	2,370.43	5	2,006.39	5	1,642.36	5	1,278.33	5	914.41	5	550.20	5	184.97	5	
1/4		1/4	4,702.52	1/4	4,500.98	1/4	4,247.35	1/4	3,993.72	1/4	3,740.09	1/4	3,454.94	1/4	3,090.91	1/4	2,726.87	1/4	2,362.84	1/4	1,998.81	1/4	1,634.78	1/4	1,270.75	1/4	906.83	1/4	542.59	1/4	177.60	1/4	
1/2		1/2	4,701.54	1/2	4,495.70	1/2	4,242.07	1/2	3,988.43	1/2	3,734.80	1/2	3,447.35	1/2	3,083.32	1/2	2,719.29	1/2	2,355.26	1/2	1,991.23	1/2	1,627.19	1/2	1,263.16	1/2	899.26	1/2	534.98	1/2	170.23	1/2	
3/4		3/4	4,700.57	3/4	4,490.41	3/4	4,236.78	3/4	3,983.15	3/4	3,729.52	3/4	3,439.77	3/4	3,075.74	3/4	2,711.71	3/4	2,347.67	3/4	1,983.64	3/4	1,619.61	3/4	1,255.58	3/4	891.68	3/4	527.38	3/4	166.86	3/4	
6		6	4,699.59	6	4,485.13	6	4,231.50	6	3,977.87	6	3,724.23	6	3,432.19	6	3,068.15	6	2,704.12	6	2,340.09	6	1,976.06	6	1,612.03	6	1,247.99	6	884.10	6	519.77	6	155.49	6	
1/4		1/4	4,697.83	1/4	4,479.85	1/4	4,226.21	1/4	3,972.58	1/4	3,718.95	1/4	3,424.60	1/4	3,060.57	1/4	2,696.54	1/4	2,332.51	1/4	1,968.47	1/4	1,604.44	1/4	1,240.41	1/4	876.53	1/4	512.16	1/4	148.13	1/4	
1/2		1/2	4,696.07	1/2	4,474.56	1/2	4,220.93	1/2	3,967.30	1/2	3,713.67	1/2	3,417.02	1/2	3,052.99	1/2	2,688.95	1/2	2,324.92	1/2	1,960.89	1/2	1,596.86	1/2	1,232.83	1/2	868.95	1/2	504.55	1/2	140.76	1/2	
3/4		3/4	4,694.31	3/4	4,469.28	3/4	4,215.65	3/4	3,962.01	3/4	3,708.38	3/4	3,409.43	3/4	3,045.40	3/4	2,681.37	3/4	2,317.34	3/4	1,953.31	3/4	1,589.27	3/4	1,225.24	3/4	861.37	3/4	496.94	3/4	133.39	3/4	
7		7	4,692.55	7	4,463.99	7	4,210.36	7	3,956.73	7	3,703.10	7	3,401.85	7	3,037.82	7	2,673.79	7	2,309.75	7	1,945.72	7	1,581.69	7	1,217.66	7	853.79	7	489.33	7	126.02	7	
1/4		1/4	4,690.00	1/4	4,468.71	1/4	4,205.08	1/4	3,951.45	1/4	3,697.81	1/4	3,394.27	1/4	3,030.23	1/4	2,666.20	1/4	2,302.17	1/4	1,938.14	1/4	1,574.11	1/4	1,210.07	1/4	846.22	1/4	481.72	1/4	118.65	1/4	
1/2		1/2	4,687.46	1/2	4,463.43	1/2	4,199.79	1/2	3,946.16	1/2	3,692.53	1/2	3,386.68	1/2	3,022.65	1/2	2,658.62	1/2	2,294.59	1/2	1,930.55	1/2	1,566.52	1/2	1,202.49	1/2	838.64	1/2	474.11	1/2	111.28	1/2	
3/4		3/4	4,684.92	3/4	4,448.14	3/4	4,194.51	3/4	3,940.88	3/4	3,687.25	3/4	3,379.10	3/4	3,015.07	3/4	2,651.03	3/4	2,287.00	3/4	1,922.97	3/4	1,558.94	3/4	1,194.91	3/4	831.06	3/4	466.50	3/4	103.91	3/4	
8		8	4,682.38	8	4,442.86	8	4,189.23	8	3,935.59	8	3,681.96	8	3,371.51	8	3,007.48	8	2,643.45	8	2,279.42	8	1,915.39	8	1,551.35	8	1,187.32	8	823.49	8	458.89	8	96.54	8	
1/4		1/4	4,679.05	1/4	4,437.57	1/4	4,183.94	1/4	3,930.31	1/4	3,676.68	1/4	3,363.93	1/4	2,999.90	1/4	2,635.87	1/4	2,271.83	1/4	1,907.80	1/4	1,543.77	1/4	1,179.74	1/4	815.91	1/4	451.29	1/4	89.17	1/4	
1/2		1/2	4,675.73	1/2	4,432.29	1/2	4,178.66	1/2	3,925.03	1/2	3,671.39	1/2	3,356.35	1/2	2,992.31	1/2	2,628.28	1/2	2,264.25	1/2	1,900.22	1/2	1,536.19	1/2	1,172.15	1/2	808.33	1/2	443.68	1/2	81.80	1/2	
3/4		3/4	4,672.40	3/4	4,427.01	3/4	4,173.37	3/4	3,919.74	3/4	3,666.11	3/4	3,348.76	3/4	2,984.73	3/4	2,620.70	3/4	2,256.67	3/4	1,892.63	3/4	1,528.60	3/4	1,164.57	3/4	800.76	3/4	436.07	3/4	74.44	3/4	
9		9	4,669.08	9	4,421.72	9																											



**BUREAU
VERITAS**

BARGE "HFL - 3076" HINES FURLONG LINE

HULL NO. 4755

CORRECTION TABLE FOR TRIM AFT.

FOR OUTAGE GAUGES ONLY

TRIM	TANKS NO. 1 PORT OR STAR.	TANKS NO. 2 PORT OR STAR.	TANKS NO. 3 PORT OR STAR.
0'-6"	(+) 0' - 1"	(+) 0' - 1"	(-) 0' - 1"
1'-0"	(+) 0' - 2"	(+) 0' - 2"	(-) 0' - 2"
1'-6"	(+) 0' - 3"	(+) 0' - 3"	(-) 0' - 3"
2'-0"	(+) 0' - 4"	(+) 0' - 4"	(-) 0' - 4"
2'-6"	(+) 0' - 5"	(+) 0' - 5"	(-) 0' - 5"
3'-0"	(+) 0' - 6"	(+) 0' - 6"	(-) 0' - 6"
3'-6"	(+) 0' - 7"	(+) 0' - 7"	(-) 0' - 7"
4'-0"	(+) 0' - 8"	(+) 0' - 8"	(-) 0' - 8"
4'-6"	(+) 0' - 9"	(+) 0' - 9"	(-) 0' - 9"
5'-0"	(+) 0' - 9 7/8"	(+) 0' - 10"	(-) 0' - 9 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 "INNAGE" GAUGES, REVERSE SIGNS.

NOTE: FOR 2" DIAMETER BALL VALVE ONLY (CLOSED GAUGING)

DATE: 05/19/21

BY:


BUREAU VERITAS NORTH AMERICA



**BUREAU
VERITAS**

BARGE "HFL - 3076" HINES FURLONG LINE

HULL NO. 4755

CORRECTION TABLE FOR TRIM AFT.

FOR OUTAGE GAUGES ONLY

TRIM	TANKS NO. 1 PORT OR STAR.	TANKS NO. 2 PORT OR STAR.	TANKS NO. 3 PORT OR STAR.
0'-6"	(+) 0' - 1"	(+) 0' - 1"	(-) 0' - 1"
1'-0"	(+) 0' - 2"	(+) 0' - 2"	(-) 0' - 2"
1'-6"	(+) 0' - 3"	(+) 0' - 3"	(-) 0' - 3"
2'-0"	(+) 0' - 4"	(+) 0' - 4"	(-) 0' - 4"
2'-6"	(+) 0' - 5"	(+) 0' - 5 1/8"	(-) 0' - 5"
3'-0"	(+) 0' - 6 1/8"	(+) 0' - 6 1/8"	(-) 0' - 6 1/8"
3'-6"	(+) 0' - 7 1/8"	(+) 0' - 7 1/8"	(-) 0' - 7 1/8"
4'-0"	(+) 0' - 8 1/8"	(+) 0' - 8 1/8"	(-) 0' - 8 1/8"
4'-6"	(+) 0' - 9 1/8"	(+) 0' - 9 1/8"	(-) 0' - 9 1/8"
5'-0"	(+) 0' - 10 1/8"	(+) 0' - 10 1/8"	(-) 0' - 10 1/8"

NOTE: FOR TRIM FWD., REVERSE SIGNS.

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

NOTE: FOR "INNAGE" GAUGES, REVERSE SIGNS.

NOTE: FOR 10" DIAMETER HATCH ONLY (OPEN GAUGING)

DATE: 05/19/21

BY:


BUREAU VERITAS NORTH AMERICA