FARRELL AND NORTON NAVAL ARCHITECTS

DISPLACEMENT TABLE
180-4/180-5/FRANCINE BARGE

Deck @ 12'-0" above bottom @ side - Freeboards from midship

Draft	Freeboard	Disp		Draft	Freeboard	Displ		Draft	Freeboard	Displ
1.000	11.000	280.7		4.833	7.167	1,388.7		8.667	3.333	2,541.6
1.083	10.917	304.3		4.917	7.083	1,413.2		8.750	3.250	2,567.2
1.167	10.833	327.9		5.000	7.000	1,437.8		8.833	3.167	2,592.8
1.250	10.750	351.6		5.083	6.917	1,462.5		8.917	3.083	2,618.4
1.333	10.667	375.2		5.167	6.833	1,487.1		9.000	3.000	2,644.0
1.417	10.583	398.9		5.250	6.750	1,511.8		9.083	2.917	2,669.7
1.500	10.500	422.7		5.333	6.667	1,536.5		9.167	2.833	2,695.3
1.583	10.417	446.4		5.417	6.583	1,561.2		9.250	2.750	2,721.0
1.667	10.333	470.1		5.500	6.500	1,585.9		9.333	2.667	2,746.7
1.750	10.250	493.9		5.583	6.417	1,610.7		9.417	2.583	2,772.5
1.833	10.167	517.7		5.667	6.333	1,635.5		9.500	2.500	2,798.2
1.917	10.083	541.5		5.750	6.250	1,660.3		9.583	2.417	2,824.0
2.000	10.000	565.4		5.833	6.167	1,685.1		9.667	2.333	2,849.8
2.083	9.917	589.2		5.917	6.083	1,709.9		9.750	2.250	2,875.6
2.167	9.833	613.1		6.000	6.000	1,734.8		9.833	2.167	2,901.5
2.250	9.750	637.0		6.083	5.917	1,759.7		9.917	2.083	2,927.3
2.333	9.667	661.0		6.167	5.833	1,784.6		10.000	2.000	2,953.2
2.417	9.583	684.9		6.250	5.750	1,809.5		10.083	1.917	2,979.1
2.500	9.500	708.9		6.333	5.667	1,834.5		10.167	1.833	3,005.0
2.583	9.417	732.9		6.417	5.583	1,859.4		10.250	1.750	3,030.9
2.667	9.333	756.9		6.500	5.500	1,884.4		10.333	1.667	3,056.8
2.750	9.250	780.9		6.583	5.417	1,909.4		10.417	1.583	3,082.7
2.833	9.167	805.0		6.667	5.333	1,934.5		10.500	1.500	3,108.6
2.917	9.083	829.0		6.750	5.250	1,959.5		10.583	1.417	3,134.5
3.000	9.000	853.1		6.833	5.167	1,984.6		10.667	1.333	3,160.4
3.083	8.917	877.3		6.917	5.083	2,009.7		10.750	1.250	3,186.3
3.167	8.833	901.4		7.000	5.000	2,034.8		10.833	1.167	3,212.2
3.250	8.750	925.6		7.083	4.917	2,059.9		10.917	1.083	3,238.0
3.333	8.667	949.7		7.167	4.833	2,085.1		11.000	1.000	3,263.9
3.417	8.583	973.9		7.250	4.750	2,110.3				
3.500	8.500	998.2		7.333	4.667	2,135.5				
3.583	8.417	1,022.4		7.417	4.583	2,160.7				
3.667	8.333	1,046.7		7.500	4.500	2,186.0				
3.750	8.250	1,071.0		7.583	4.417	2,211.2				
3.833	8.167	1,095.3		7.667	4.333	2,236.5				
3.917	8.083	1,119.6		7.750	4.250	2,261.8				
4.000	8.000	1,144.0		7.833	4.167	2,287.2				
4.083	7.917	1,168.3		7.917	4.083	2,312.5				
4.167	7.833	1,192.7		8.000	4.000	2,337.9				
4.250	7.750	1,217.1		8.083	3.917	2,363.3				
4.333	7.667	1,241.6		8.167	3.833	2,388.7				
4.417	7.583	1,266.0		8.250	3.750	2,414.1				
4.500	7.500	1,290.5		8.333	3.667	2,439.6				
4.583	7.417	1,315.0		8.417	3.583	2,465.1				
4.667	7.333	1,339.5		8.500	3.500	2,490.6				
4.750	7.250	1,364.1		8.583	3.417	2,516.1				

Draft/Freeboards are
in decimal feet (inch increments)

Calculated for Salt Water

Displacements are in
Short Tons (2000 lbs)