

## WAVE HEIGHT COMPUTATIONS FOR FLOOD INSURANCE STUDIES (WHAFIS VERSION 4.0G, 08\_2007)

Executed on: Thu Feb 20 14:57:37 2020

Input file: C:\FEMA-TransectAnalysis\LOMR-TransectAnalysis-Harpswell\3\_whafis\whafis4\CM-150-1.dat

Output file: C:\FEMA-TransectAnalysis\LOMR-TransectAnalysis-Harpswell\3\_whafis\whafis4\CM-150-1.out

header

THIS IS A 100-YEAR CASE  
 THE FOLLOWING NON-DEFAULT WIND SPEEDS ARE BEING USED  
 WINDIF 56.14 WINDOF 56.14 WINDVH 60.00

PART1 INPUT

|    |        |         |       |       |       |       |       |        |       |       |
|----|--------|---------|-------|-------|-------|-------|-------|--------|-------|-------|
| IE | 0.000  | -16.187 | 1.000 | 1.000 | 8.920 | 2.398 | 2.300 | 56.140 | 0.018 | 0.000 |
| OF | 1.000  | -16.169 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.018 | 0.000 |
| OF | 2.000  | -16.152 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.018 | 0.000 |
| OF | 3.000  | -16.134 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.018 | 0.000 |
| OF | 4.000  | -16.117 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.018 | 0.000 |
| OF | 5.000  | -16.099 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.018 | 0.000 |
| OF | 6.000  | -16.082 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.015 | 0.000 |
| OF | 7.000  | -16.068 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 8.000  | -16.055 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 9.000  | -16.041 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 10.000 | -16.028 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.013 | 0.000 |
| OF | 11.000 | -16.015 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 12.000 | -16.001 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 13.000 | -15.988 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 14.000 | -15.974 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 15.000 | -15.961 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 16.000 | -15.947 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 17.000 | -15.934 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 18.000 | -15.920 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 19.000 | -15.907 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 20.000 | -15.893 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 21.000 | -15.880 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 22.000 | -15.866 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 23.000 | -15.853 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.013 | 0.000 |
| OF | 24.000 | -15.840 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 25.000 | -15.826 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 26.000 | -15.813 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 27.000 | -15.799 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 28.000 | -15.786 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 29.000 | -15.772 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 30.000 | -15.759 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 31.000 | -15.745 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 32.000 | -15.732 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 33.000 | -15.718 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 34.000 | -15.705 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 35.000 | -15.691 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 36.000 | -15.678 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.013 | 0.000 |
| OF | 37.000 | -15.665 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 38.000 | -15.651 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 39.000 | -15.638 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 40.000 | -15.624 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 41.000 | -15.611 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 42.000 | -15.597 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 43.000 | -15.584 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 44.000 | -15.570 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 45.000 | -15.557 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 46.000 | -15.543 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 47.000 | -15.530 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 48.000 | -15.516 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 49.000 | -15.503 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.013 | 0.000 |
| OF | 50.000 | -15.490 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 51.000 | -15.476 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 52.000 | -15.463 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 53.000 | -15.449 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 54.000 | -15.436 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 55.000 | -15.422 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 56.000 | -15.409 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 57.000 | -15.395 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 58.000 | -15.382 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 59.000 | -15.368 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 60.000 | -15.355 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 61.000 | -15.341 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 62.000 | -15.328 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.013 | 0.000 |
| OF | 63.000 | -15.315 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 64.000 | -15.301 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 65.000 | -15.288 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 66.000 | -15.274 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 67.000 | -15.261 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 68.000 | -15.247 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 69.000 | -15.234 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 70.000 | -15.220 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 71.000 | -15.207 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 72.000 | -15.193 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 73.000 | -15.180 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.014 | 0.000 |
| OF | 74.000 | -15.165 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.015 | 0.000 |
| OF | 75.000 | -15.149 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.015 | 0.000 |
| OF | 76.000 | -15.134 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.015 | 0.000 |
| OF | 77.000 | -15.118 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.015 | 0.000 |
| OF | 78.000 | -15.103 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.015 | 0.000 |
| OF | 79.000 | -15.087 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.016 | 0.000 |
| OF | 80.000 | -15.071 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.015 | 0.000 |
| OF | 81.000 | -15.056 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.015 | 0.000 |
| OF | 82.000 | -15.040 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.015 | 0.000 |
| OF | 83.000 | -15.025 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.015 | 0.000 |
| OF | 84.000 | -15.009 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.016 | 0.000 |
| OF | 85.000 | -14.993 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.015 | 0.000 |
| OF | 86.000 | -14.978 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.015 | 0.000 |
| OF | 87.000 | -14.962 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.015 | 0.000 |
| OF | 88.000 | -14.947 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.015 | 0.000 |
| OF | 89.000 | -14.931 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.016 | 0.000 |
| OF | 90.000 | -14.915 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.015 | 0.000 |
| OF | 91.000 | -14.900 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.015 | 0.000 |
| OF | 92.000 | -14.884 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000  | 0.015 | 0.000 |

|    |         |         |       |       |       |       |       |       |       |       |
|----|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|
| OF | 93.000  | -14.869 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.015 | 0.000 |
| OF | 94.000  | -14.853 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.016 | 0.000 |
| OF | 95.000  | -14.837 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.049 | 0.000 |
| OF | 96.000  | -14.756 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.100 | 0.000 |
| OF | 97.000  | -14.637 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 98.000  | -14.517 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 99.000  | -14.398 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 100.000 | -14.278 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 101.000 | -14.159 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 102.000 | -14.040 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 103.000 | -13.920 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 104.000 | -13.801 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 105.000 | -13.682 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 106.000 | -13.562 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 107.000 | -13.443 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 108.000 | -13.323 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 109.000 | -13.204 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 110.000 | -13.085 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 111.000 | -12.965 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 112.000 | -12.846 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 113.000 | -12.726 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 114.000 | -12.607 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 115.000 | -12.488 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 116.000 | -12.368 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 117.000 | -12.249 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 118.000 | -12.129 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 119.000 | -12.010 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 120.000 | -11.891 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 121.000 | -11.771 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 122.000 | -11.652 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 123.000 | -11.533 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 124.000 | -11.413 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 125.000 | -11.294 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 126.000 | -11.175 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 127.000 | -11.055 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 128.000 | -10.936 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 129.000 | -10.816 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 130.000 | -10.697 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.119 | 0.000 |
| OF | 131.000 | -10.578 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.123 | 0.000 |
| OF | 132.000 | -10.452 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.127 | 0.000 |
| OF | 133.000 | -10.324 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 134.000 | -10.195 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 135.000 | -10.068 | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.127 | 0.000 |
| OF | 136.000 | -9.940  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 137.000 | -9.812  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 138.000 | -9.684  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 139.000 | -9.556  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 140.000 | -9.428  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 141.000 | -9.300  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 142.000 | -9.172  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 143.000 | -9.044  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 144.000 | -8.916  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 145.000 | -8.788  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 146.000 | -8.660  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 147.000 | -8.532  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 148.000 | -8.404  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 149.000 | -8.276  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 150.000 | -8.148  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 151.000 | -8.020  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 152.000 | -7.892  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 153.000 | -7.764  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 154.000 | -7.636  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 155.000 | -7.508  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 156.000 | -7.380  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 157.000 | -7.252  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 158.000 | -7.124  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 159.000 | -6.996  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 160.000 | -6.868  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 161.000 | -6.740  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 162.000 | -6.612  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 163.000 | -6.484  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 164.000 | -6.356  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 165.000 | -6.228  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 166.000 | -6.100  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 167.000 | -5.972  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 168.000 | -5.844  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 169.000 | -5.716  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 170.000 | -5.588  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 171.000 | -5.460  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 172.000 | -5.332  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 173.000 | -5.204  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 174.000 | -5.076  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 175.000 | -4.948  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 176.000 | -4.820  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 177.000 | -4.692  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 178.000 | -4.564  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 179.000 | -4.436  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 180.000 | -4.308  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 181.000 | -4.180  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 182.000 | -4.052  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 183.000 | -3.924  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 184.000 | -3.796  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 185.000 | -3.667  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 186.000 | -3.539  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 187.000 | -3.411  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 188.000 | -3.283  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 189.000 | -3.155  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 190.000 | -3.027  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 191.000 | -2.898  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 192.000 | -2.770  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 193.000 | -2.642  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |
| OF | 194.000 | -2.514  | 0.000 | 8.920 | 0.000 | 0.000 | 0.000 | 0.000 | 0.128 | 0.000 |

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|    | END<br>STATION | END<br>ELEVATION | FETCH<br>LENGTH | SURGE<br>10-YEAR | ELEV<br>1.000 | SURGE<br>100-YEAR | ELEV<br>1.000 | INITIAL<br>WAVE HEIGHT | INITIAL<br>W. PERIOD |        | BOTTOM<br>SLOPE | AVERAGE<br>A-ZONES |
|----|----------------|------------------|-----------------|------------------|---------------|-------------------|---------------|------------------------|----------------------|--------|-----------------|--------------------|
| IE | 0.000          | -16.187          | 1.000           | 1.000            | 8.920         |                   |               | 2.398                  | 2.300                | 56.140 | 0.018           | 0.000              |
|    | END            | END              | NEW SURGE       | NEW SURGE        |               |                   |               |                        |                      |        | BOTTOM<br>SLOPE | AVERAGE<br>A-ZONES |
| OF | 1.000          | -16.169          | 0.000           | 8.920            | 0.000         |                   | 0.000         | 0.000                  | 0.000                |        | 0.018           | 0.000              |
|    | END            | END              | NEW SURGE       | NEW SURGE        |               |                   |               |                        |                      |        | BOTTOM<br>SLOPE | AVERAGE<br>A-ZONES |
| OF | 2.000          | -16.152          | 0.000           | 8.920            | 0.000         |                   | 0.000         | 0.000                  | 0.000                |        | 0.018           | 0.000              |
|    | END            | END              | NEW SURGE       | NEW SURGE        |               |                   |               |                        |                      |        | BOTTOM<br>SLOPE | AVERAGE<br>A-ZONES |
| OF | 3.000          | -16.134          | 0.000           | 8.920            | 0.000         |                   | 0.000         | 0.000                  | 0.000                |        | 0.018           | 0.000              |
|    | END            | END              | NEW SURGE       | NEW SURGE        |               |                   |               |                        |                      |        | BOTTOM<br>SLOPE | AVERAGE<br>A-ZONES |
| OF | 4.000          | -16.117          | 0.000           | 8.920            | 0.000         |                   | 0.000         | 0.000                  | 0.000                |        | 0.018           | 0.000              |
|    | END            | END              | NEW SURGE       | NEW SURGE        |               |                   |               |                        |                      |        | BOTTOM<br>SLOPE | AVERAGE<br>A-ZONES |
| OF | 5.000          | -16.099          | 0.000           | 8.920            | 0.000         |                   | 0.000         | 0.000                  | 0.000                |        | 0.018           | 0.000              |
|    | END            | END              | NEW SURGE       | NEW SURGE        |               |                   |               |                        |                      |        | BOTTOM<br>SLOPE | AVERAGE<br>A-ZONES |
| OF | 6.000          | -16.082          | 0.000           | 8.920            | 0.000         |                   | 0.000         | 0.000                  | 0.000                |        | 0.015           | 0.000              |
|    | END            | END              | NEW SURGE       | NEW SURGE        |               |                   |               |                        |                      |        | BOTTOM<br>SLOPE | AVERAGE<br>A-ZONES |
| OF | 7.000          | -16.068          | 0.000           | 8.920            | 0.000         |                   | 0.000         | 0.000                  | 0.000                |        | 0.014           | 0.000              |
|    | END            | END              | NEW SURGE       | NEW SURGE        |               |                   |               |                        |                      |        | BOTTOM<br>SLOPE | AVERAGE<br>A-ZONES |
| OF | 8.000          | -16.055          | 0.000           | 8.920            | 0.000         |                   | 0.000         | 0.000                  | 0.000                |        | 0.014           | 0.000              |
|    | END            | END              | NEW SURGE       | NEW SURGE        |               |                   |               |                        |                      |        | BOTTOM<br>SLOPE | AVERAGE<br>A-ZONES |
| OF | 9.000          | -16.041          | 0.000           | 8.920            | 0.000         |                   | 0.000         | 0.000                  | 0.000                |        | 0.014           | 0.000              |
|    | END            | END              | NEW SURGE       | NEW SURGE        |               |                   |               |                        |                      |        | BOTTOM<br>SLOPE | AVERAGE<br>A-ZONES |
| OF | 10.000         | -16.028          | 0.000           | 8.920            | 0.000         |                   | 0.000         | 0.000                  | 0.000                |        | 0.013           | 0.000              |
|    | END            | END              | NEW SURGE       | NEW SURGE        |               |                   |               |                        |                      |        | BOTTOM<br>SLOPE | AVERAGE<br>A-ZONES |
| OF | 11.000         | -16.015          | 0.000           | 8.920            | 0.000         |                   | 0.000         | 0.000                  | 0.000                |        | 0.014           | 0.000              |
|    | END            | END              | NEW SURGE       | NEW SURGE        |               |                   |               |                        |                      |        | BOTTOM<br>SLOPE | AVERAGE<br>A-ZONES |
| OF | 12.000         | -16.001          | 0.000           | 8.920            | 0.000         |                   | 0.000         | 0.000                  | 0.000                |        | 0.014           | 0.000              |
|    | END            | END              | NEW SURGE       | NEW SURGE        |               |                   |               |                        |                      |        | BOTTOM<br>SLOPE | AVERAGE<br>A-ZONES |
| OF | 13.000         | -15.988          | 0.000           | 8.920            | 0.000         |                   | 0.000         | 0.000                  | 0.000                |        | 0.014           | 0.000              |
|    | END            | END              | NEW SURGE       | NEW SURGE        |               |                   |               |                        |                      |        | BOTTOM<br>SLOPE | AVERAGE<br>A-ZONES |
| OF | 14.000         | -15.974          | 0.000           | 8.920            | 0.000         |                   | 0.000         | 0.000                  | 0.000                |        | 0.014           | 0.000              |
|    | END            | END              | NEW SURGE       | NEW SURGE        |               |                   |               |                        |                      |        | BOTTOM<br>SLOPE | AVERAGE<br>A-ZONES |
| OF | 15.000         | -15.961          | 0.000           | 8.920            | 0.000         |                   | 0.000         | 0.000                  | 0.000                |        | 0.014           | 0.000              |
|    | END            | END              | NEW SURGE       | NEW SURGE        |               |                   |               |                        |                      |        | BOTTOM<br>SLOPE | AVERAGE<br>A-ZONES |
| OF | 16.000         | -15.947          | 0.000           | 8.920            | 0.000         |                   | 0.000         | 0.000                  | 0.000                |        | 0.014           | 0.000              |
|    | END            | END              | NEW SURGE       | NEW SURGE        |               |                   |               |                        |                      |        | BOTTOM<br>SLOPE | AVERAGE<br>A-ZONES |
| OF | 17.000         | -15.934          | 0.000           | 8.920            | 0.000         |                   | 0.000         | 0.000                  | 0.000                |        | 0.014           | 0.000              |
|    | END            | END              | NEW SURGE       | NEW SURGE        |               |                   |               |                        |                      |        | BOTTOM<br>SLOPE | AVERAGE<br>A-ZONES |
| OF | 18.000         | -15.920          | 0.000           | 8.920            | 0.000         |                   | 0.000         | 0.000                  | 0.000                |        | 0.014           | 0.000              |
|    | END            | END              | NEW SURGE       | NEW SURGE        |               |                   |               |                        |                      |        | BOTTOM<br>SLOPE | AVERAGE<br>A-ZONES |
| OF | 19.000         | -15.907          | 0.000           | 8.920            | 0.000         |                   | 0.000         | 0.000                  | 0.000                |        | 0.014           | 0.000              |
|    | END            | END              | NEW SURGE       | NEW SURGE        |               |                   |               |                        |                      |        | BOTTOM<br>SLOPE | AVERAGE<br>A-ZONES |
| OF | 20.000         | -15.893          | 0.000           | 8.920            | 0.000         |                   | 0.000         | 0.000                  | 0.000                |        | 0.014           | 0.000              |
|    | END            | END              | NEW SURGE       | NEW SURGE        |               |                   |               |                        |                      |        | BOTTOM<br>SLOPE | AVERAGE<br>A-ZONES |
| OF | 21.000         | -15.880          | 0.000           | 8.920            | 0.000         |                   | 0.000         | 0.000                  | 0.000                |        | 0.014           | 0.000              |
|    | END            | END              | NEW SURGE       | NEW SURGE        |               |                   |               |                        |                      |        | BOTTOM<br>SLOPE | AVERAGE<br>A-ZONES |
| OF | 22.000         | -15.866          | 0.000           | 8.920            | 0.000         |                   | 0.000         | 0.000                  | 0.000                |        | 0.014           | 0.000              |
|    | END            | END              | NEW SURGE       | NEW SURGE        |               |                   |               |                        |                      |        | BOTTOM<br>SLOPE | AVERAGE<br>A-ZONES |
| OF | 23.000         | -15.853          | 0.000           | 8.920            | 0.000         |                   | 0.000         | 0.000                  | 0.000                |        | 0.013           | 0.000              |
|    | END            | END              | NEW SURGE       | NEW SURGE        |               |                   |               |                        |                      |        | BOTTOM<br>SLOPE | AVERAGE<br>A-ZONES |
| OF | 24.000         | -15.840          | 0.000           | 8.920            | 0.000         |                   | 0.000         | 0.000                  | 0.000                |        | 0.014           | 0.000              |
|    | END            | END              | NEW SURGE       | NEW SURGE        |               |                   |               |                        |                      |        | BOTTOM<br>SLOPE | AVERAGE<br>A-ZONES |
| OF | 25.000         | -15.826          | 0.000           | 8.920            | 0.000         |                   | 0.000         | 0.000                  | 0.000                |        | 0.014           | 0.000              |
|    | END            | END              | NEW SURGE       | NEW SURGE        |               |                   |               |                        |                      |        | BOTTOM<br>SLOPE | AVERAGE<br>A-ZONES |
| OF | 26.000         | -15.813          | 0.000           | 8.920            | 0.000         |                   | 0.000         | 0.000                  | 0.000                |        | 0.014           | 0.000              |
|    | END            | END              | NEW SURGE       | NEW SURGE        |               |                   |               |                        |                      |        | BOTTOM<br>SLOPE | AVERAGE<br>A-ZONES |
| OF | 27.000         | -15.799          | 0.000           | 8.920            | 0.000         |                   | 0.000         | 0.000                  | 0.000                |        | 0.014           | 0.000              |
|    | END            | END              | NEW SURGE       | NEW SURGE        |               |                   |               |                        |                      |        | BOTTOM<br>SLOPE | AVERAGE<br>A-ZONES |
| OF | 28.000         | -15.786          | 0.000           | 8.920            | 0.000         |                   | 0.000         | 0.000                  | 0.000                |        | 0.014           | 0.000              |
|    | END            | END              | NEW SURGE       | NEW SURGE        |               |                   |               |                        |                      |        | BOTTOM<br>SLOPE | AVERAGE<br>A-ZONES |
| OF | 29.000         | -15.772          | 0.000           | 8.920            | 0.000         |                   | 0.000         | 0.000                  | 0.000                |        | 0.014           | 0.000              |
|    | END            | END              | NEW SURGE       | NEW SURGE        |               |                   |               |                        |                      |        | BOTTOM<br>SLOPE | AVERAGE<br>A-ZONES |

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|    |         |           |           |           |       |       |       |       |        |         |
|----|---------|-----------|-----------|-----------|-------|-------|-------|-------|--------|---------|
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 98.000  | -14.517   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 99.000  | -14.398   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
| OF | 100.000 | -14.278   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 101.000 | -14.159   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
| OF | 102.000 | -14.040   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 103.000 | -13.920   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
| OF | 104.000 | -13.801   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 105.000 | -13.682   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
| OF | 106.000 | -13.562   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 107.000 | -13.443   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
| OF | 108.000 | -13.323   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 109.000 | -13.204   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
| OF | 110.000 | -13.085   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 111.000 | -12.965   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
| OF | 112.000 | -12.846   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 113.000 | -12.726   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
| OF | 114.000 | -12.607   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 115.000 | -12.488   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
| OF | 116.000 | -12.368   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 117.000 | -12.249   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
| OF | 118.000 | -12.129   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 119.000 | -12.010   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
| OF | 120.000 | -11.891   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 121.000 | -11.771   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 122.000 | -11.652   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 123.000 | -11.533   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
| OF | 124.000 | -11.413   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 125.000 | -11.294   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 126.000 | -11.175   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
| OF | 127.000 | -11.055   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 128.000 | -10.936   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
| OF | 129.000 | -10.816   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 130.000 | -10.697   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.119  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
| OF | 131.000 | -10.578   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.123  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |

|    |         |           |           |           |       |       |       |       |        |         |
|----|---------|-----------|-----------|-----------|-------|-------|-------|-------|--------|---------|
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 132.000 | -10.452   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.127  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 133.000 | -10.324   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
| OF | 134.000 | -10.195   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 135.000 | -10.068   | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.127  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 136.000 | -9.940    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 137.000 | -9.812    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 138.000 | -9.684    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 139.000 | -9.556    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 140.000 | -9.428    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 141.000 | -9.300    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 142.000 | -9.172    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 143.000 | -9.044    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 144.000 | -8.916    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 145.000 | -8.788    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 146.000 | -8.660    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 147.000 | -8.532    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 148.000 | -8.404    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 149.000 | -8.276    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 150.000 | -8.148    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 151.000 | -8.020    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 152.000 | -7.892    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 153.000 | -7.764    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 154.000 | -7.636    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 155.000 | -7.508    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 156.000 | -7.380    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 157.000 | -7.252    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 158.000 | -7.124    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 159.000 | -6.996    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 160.000 | -6.868    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 161.000 | -6.740    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 162.000 | -6.612    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 163.000 | -6.484    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 164.000 | -6.356    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
| OF | 165.000 | -6.228    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |

|    |         |           |           |           |       |       |       |       |        |         |         |
|----|---------|-----------|-----------|-----------|-------|-------|-------|-------|--------|---------|---------|
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       |        | SLOPE   | A-ZONES |
| OF | 166.000 | -6.100    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |         |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |         |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |         |
| OF | 167.000 | -5.972    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |         |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |         |
| OF | 168.000 | -5.844    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |         |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |         |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |         |
| OF | 169.000 | -5.716    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |         |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |         |
| OF | 170.000 | -5.588    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |         |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |         |
| OF | 171.000 | -5.460    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |         |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |         |
| OF | 172.000 | -5.332    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |         |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |         |
|    | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |         |
| OF | 173.000 | -5.204    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |         |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |         |
| OF | 174.000 | -5.076    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |         |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |         |
| OF | 175.000 | -4.948    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |         |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |         |
| OF | 176.000 | -4.820    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |         |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |         |
| OF | 177.000 | -4.692    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |         |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |         |
| OF | 178.000 | -4.564    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |         |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |         |
| OF | 179.000 | -4.436    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |         |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |         |
| OF | 180.000 | -4.308    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |         |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |         |
| OF | 181.000 | -4.180    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |         |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |         |
| OF | 182.000 | -4.052    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |         |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |         |
| OF | 183.000 | -3.924    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |         |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |         |
| OF | 184.000 | -3.796    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |         |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |         |
| OF | 185.000 | -3.667    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |         |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |         |
| OF | 186.000 | -3.539    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.128  | 0.000   |         |



|    |         |           |           |           |       |       |       |       |        |         |
|----|---------|-----------|-----------|-----------|-------|-------|-------|-------|--------|---------|
| OF | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
|    | 242.500 | -1.437    | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.217  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
| IF | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
|    | 256.000 | 1.444     | 0.000     | 8.920     | 0.000 | 0.000 | 0.000 | 0.000 | 0.275  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
| IF | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
|    | 278.900 | 8.568     | 0.000     | 9.002     | 0.000 | 0.000 | 0.000 | 0.000 | 0.311  | 0.000   |
|    | END     | END       | NEW SURGE | NEW SURGE |       |       |       |       | BOTTOM | AVERAGE |
| IF | STATION | ELEVATION | 10-YEAR   | 100-YEAR  |       |       |       |       | SLOPE  | A-ZONES |
|    | 280.300 | 9.002     | 0.000     | 9.002     | 0.000 | 0.000 | 0.000 | 0.000 | 0.309  | 0.000   |

-----END OF TRANSECT-----

NOTE:

SURGE ELEVATION INCLUDES CONTRIBUTIONS FROM ASTRONOMICAL AND STORM TIDES.

1

| PART2: CONTROLLING WAVE HEIGHTS, SPECTRAL   |             |               |            |
|---|-------------|---------------|------------|
| PEAK WAVE PERIOD, AND WAVE CREST ELEVATIONS |             |               |            |
| LOCATION                                    | CONTROLLING | SPECTRAL PEAK | WAVE CREST |
|   | WAVE HEIGHT | WAVE PERIOD   | ELEVATION  |
| IE  | 0.00        | 2.40          | 2.30       |
| OF  | 1.00        | 2.40          | 2.30       |
| OF  | 2.00        | 2.40          | 2.30       |
| OF  | 3.00        | 2.40          | 2.30       |
| OF  | 4.00        | 2.40          | 2.30       |
| OF  | 5.00        | 2.40          | 2.30       |
| OF  | 6.00        | 2.40          | 2.30       |
| OF  | 7.00        | 2.40          | 2.30       |
| OF  | 8.00        | 2.40          | 2.30       |
| OF  | 9.00        | 2.40          | 2.30       |
| OF  | 10.00       | 2.40          | 2.30       |
| OF  | 11.00       | 2.40          | 2.30       |
| OF  | 12.00       | 2.41          | 2.30       |
| OF  | 13.00       | 2.41          | 2.30       |
| OF  | 14.00       | 2.41          | 2.30       |
| OF  | 15.00       | 2.41          | 2.30       |
| OF  | 16.00       | 2.41          | 2.30       |
| OF  | 17.00       | 2.41          | 2.30       |
| OF  | 18.00       | 2.41          | 2.30       |
| OF  | 19.00       | 2.41          | 2.30       |
| OF  | 20.00       | 2.41          | 2.30       |
| OF  | 21.00       | 2.41          | 2.30       |
| OF  | 22.00       | 2.41          | 2.30       |
| OF  | 23.00       | 2.41          | 2.30       |
| OF  | 24.00       | 2.41          | 2.30       |
| OF  | 25.00       | 2.41          | 2.30       |
| OF  | 26.00       | 2.41          | 2.30       |
| OF  | 27.00       | 2.42          | 2.30       |
| OF  | 28.00       | 2.42          | 2.30       |
| OF  | 29.00       | 2.42          | 2.30       |
| OF  | 30.00       | 2.42          | 2.31       |
| OF  | 31.00       | 2.42          | 2.31       |
| OF  | 32.00       | 2.42          | 2.31       |
| OF  | 33.00       | 2.42          | 2.31       |
| OF  | 34.00       | 2.42          | 2.31       |
| OF  | 35.00       | 2.42          | 2.31       |
| OF  | 36.00       | 2.42          | 2.31       |
| OF  | 37.00       | 2.42          | 2.31       |
| OF  | 38.00       | 2.42          | 2.31       |
| OF  | 39.00       | 2.42          | 2.31       |
| OF  | 40.00       | 2.42          | 2.31       |
| OF  | 41.00       | 2.42          | 2.31       |
| OF  | 42.00       | 2.42          | 2.31       |
| OF  | 43.00       | 2.43          | 2.31       |
| OF  | 44.00       | 2.43          | 2.31       |
| OF  | 45.00       | 2.43          | 2.31       |
| OF  | 46.00       | 2.43          | 2.31       |
| OF  | 47.00       | 2.43          | 2.31       |
| OF  | 48.00       | 2.43          | 2.31       |
| OF  | 49.00       | 2.43          | 2.31       |
| OF  | 50.00       | 2.43          | 2.31       |
| OF  | 51.00       | 2.43          | 2.31       |
| OF  | 52.00       | 2.43          | 2.31       |
| OF  | 53.00       | 2.43          | 2.31       |
| OF  | 54.00       | 2.43          | 2.31       |
| OF  | 55.00       | 2.43          | 2.31       |
| OF  | 56.00       | 2.43          | 2.31       |
| OF  | 57.00       | 2.43          | 2.31       |
| OF  | 58.00       | 2.43          | 2.31       |
| OF  | 59.00       | 2.44          | 2.31       |
| OF  | 60.00       | 2.44          | 2.31       |
| OF  | 61.00       | 2.44          | 2.31       |
| OF  | 62.00       | 2.44          | 2.31       |
| OF  | 63.00       | 2.44          | 2.31       |
| OF  | 64.00       | 2.44          | 2.31       |
| OF  | 65.00       | 2.44          | 2.31       |
| OF  | 66.00       | 2.44          | 2.31       |
| OF  | 67.00       | 2.44          | 2.31       |
| OF  | 68.00       | 2.44          | 2.31       |
| OF  | 69.00       | 2.44          | 2.31       |
| OF  | 70.00       | 2.44          | 2.31       |
| OF  | 71.00       | 2.44          | 2.31       |
| OF  | 72.00       | 2.44          | 2.31       |
| OF  | 73.00       | 2.44          | 2.31       |
| OF  | 74.00       | 2.44          | 2.31       |
| OF  | 75.00       | 2.45          | 2.31       |
| OF  | 76.00       | 2.45          | 2.31       |
| OF  | 77.00       | 2.45          | 2.31       |
| OF  | 78.00       | 2.45          | 2.31       |
| OF  | 79.00       | 2.45          | 2.31       |
| OF  | 80.00       | 2.45          | 2.31       |
| OF  | 81.00       | 2.45          | 2.31       |
| OF  | 82.00       | 2.45          | 2.31       |

|    |        |      |      |       |
|----|--------|------|------|-------|
| OF | 83.00  | 2.45 | 2.31 | 10.64 |
| OF | 84.00  | 2.45 | 2.31 | 10.64 |
| OF | 85.00  | 2.45 | 2.31 | 10.64 |
| OF | 86.00  | 2.45 | 2.31 | 10.64 |
| OF | 87.00  | 2.45 | 2.31 | 10.64 |
| OF | 88.00  | 2.45 | 2.32 | 10.64 |
| OF | 89.00  | 2.45 | 2.32 | 10.64 |
| OF | 90.00  | 2.45 | 2.32 | 10.64 |
| OF | 91.00  | 2.45 | 2.32 | 10.64 |
| OF | 92.00  | 2.46 | 2.32 | 10.64 |
| OF | 93.00  | 2.46 | 2.32 | 10.64 |
| OF | 94.00  | 2.46 | 2.32 | 10.64 |
| OF | 95.00  | 2.46 | 2.32 | 10.64 |
| OF | 96.00  | 2.46 | 2.32 | 10.64 |
| OF | 97.00  | 2.46 | 2.32 | 10.64 |
| OF | 98.00  | 2.46 | 2.32 | 10.64 |
| OF | 99.00  | 2.46 | 2.32 | 10.64 |
| OF | 100.00 | 2.46 | 2.32 | 10.64 |
| OF | 101.00 | 2.46 | 2.32 | 10.64 |
| OF | 102.00 | 2.46 | 2.32 | 10.64 |
| OF | 103.00 | 2.46 | 2.32 | 10.64 |
| OF | 104.00 | 2.46 | 2.32 | 10.64 |
| OF | 105.00 | 2.46 | 2.32 | 10.64 |
| OF | 106.00 | 2.46 | 2.32 | 10.65 |
| OF | 107.00 | 2.47 | 2.32 | 10.65 |
| OF | 108.00 | 2.47 | 2.32 | 10.65 |
| OF | 109.00 | 2.47 | 2.32 | 10.65 |
| OF | 110.00 | 2.47 | 2.32 | 10.65 |
| OF | 111.00 | 2.47 | 2.32 | 10.65 |
| OF | 112.00 | 2.47 | 2.32 | 10.65 |
| OF | 113.00 | 2.47 | 2.32 | 10.65 |
| OF | 114.00 | 2.47 | 2.32 | 10.65 |
| OF | 115.00 | 2.47 | 2.32 | 10.65 |
| OF | 116.00 | 2.47 | 2.32 | 10.65 |
| OF | 117.00 | 2.47 | 2.32 | 10.65 |
| OF | 118.00 | 2.47 | 2.32 | 10.65 |
| OF | 119.00 | 2.47 | 2.32 | 10.65 |
| OF | 120.00 | 2.47 | 2.32 | 10.65 |
| OF | 121.00 | 2.47 | 2.32 | 10.65 |
| OF | 122.00 | 2.48 | 2.32 | 10.65 |
| OF | 123.00 | 2.48 | 2.32 | 10.65 |
| OF | 124.00 | 2.48 | 2.32 | 10.65 |
| OF | 125.00 | 2.48 | 2.32 | 10.65 |
| OF | 126.00 | 2.48 | 2.32 | 10.65 |
| OF | 127.00 | 2.48 | 2.32 | 10.65 |
| OF | 128.00 | 2.48 | 2.32 | 10.66 |
| OF | 129.00 | 2.48 | 2.32 | 10.66 |
| OF | 130.00 | 2.48 | 2.32 | 10.66 |
| OF | 131.00 | 2.48 | 2.32 | 10.66 |
| OF | 132.00 | 2.48 | 2.32 | 10.66 |
| OF | 133.00 | 2.48 | 2.32 | 10.66 |
| OF | 134.00 | 2.48 | 2.32 | 10.66 |
| OF | 135.00 | 2.48 | 2.32 | 10.66 |
| OF | 136.00 | 2.48 | 2.32 | 10.66 |
| OF | 137.00 | 2.48 | 2.32 | 10.66 |
| OF | 138.00 | 2.48 | 2.32 | 10.66 |
| OF | 139.00 | 2.49 | 2.32 | 10.66 |
| OF | 140.00 | 2.49 | 2.32 | 10.66 |
| OF | 141.00 | 2.49 | 2.32 | 10.66 |
| OF | 142.00 | 2.49 | 2.32 | 10.66 |
| OF | 143.00 | 2.49 | 2.32 | 10.66 |
| OF | 144.00 | 2.49 | 2.32 | 10.66 |
| OF | 145.00 | 2.49 | 2.32 | 10.66 |
| OF | 146.00 | 2.49 | 2.32 | 10.66 |
| OF | 147.00 | 2.49 | 2.32 | 10.66 |
| OF | 148.00 | 2.49 | 2.33 | 10.66 |
| OF | 149.00 | 2.49 | 2.33 | 10.66 |
| OF | 150.00 | 2.49 | 2.33 | 10.66 |
| OF | 151.00 | 2.49 | 2.33 | 10.66 |
| OF | 152.00 | 2.49 | 2.33 | 10.66 |
| OF | 153.00 | 2.49 | 2.33 | 10.66 |
| OF | 154.00 | 2.49 | 2.33 | 10.66 |
| OF | 155.00 | 2.49 | 2.33 | 10.66 |
| OF | 156.00 | 2.49 | 2.33 | 10.66 |
| OF | 157.00 | 2.49 | 2.33 | 10.67 |
| OF | 158.00 | 2.49 | 2.33 | 10.67 |
| OF | 159.00 | 2.49 | 2.33 | 10.67 |
| OF | 160.00 | 2.49 | 2.33 | 10.67 |
| OF | 161.00 | 2.49 | 2.33 | 10.67 |
| OF | 162.00 | 2.49 | 2.33 | 10.67 |
| OF | 163.00 | 2.49 | 2.33 | 10.67 |
| OF | 164.00 | 2.49 | 2.33 | 10.67 |
| OF | 165.00 | 2.49 | 2.33 | 10.67 |
| OF | 166.00 | 2.49 | 2.33 | 10.67 |

|    |        |      |      |       |
|----|--------|------|------|-------|
| OF | 185.00 | 2.49 | 2.33 | 10.66 |
| OF | 186.00 | 2.48 | 2.33 | 10.66 |
| OF | 187.00 | 2.48 | 2.33 | 10.66 |
| OF | 188.00 | 2.48 | 2.33 | 10.66 |
| OF | 189.00 | 2.48 | 2.33 | 10.66 |
| OF | 190.00 | 2.48 | 2.33 | 10.66 |
| OF | 191.00 | 2.48 | 2.33 | 10.65 |
| OF | 192.00 | 2.48 | 2.33 | 10.65 |
| OF | 193.00 | 2.48 | 2.33 | 10.65 |
| OF | 194.00 | 2.47 | 2.33 | 10.65 |
| OF | 195.00 | 2.47 | 2.33 | 10.65 |
| OF | 196.00 | 2.47 | 2.33 | 10.65 |
| OF | 197.00 | 2.47 | 2.33 | 10.65 |
| OF | 198.00 | 2.47 | 2.33 | 10.65 |
| OF | 227.00 | 2.52 | 2.34 | 10.69 |
| OF | 242.50 | 2.48 | 2.34 | 10.65 |
| IF | 256.00 | 2.39 | 2.34 | 10.60 |
| IF | 278.90 | 0.33 | 2.35 | 9.23  |
| IF | 280.30 | 0.01 | 2.35 | 9.01  |

PART3 LOCATION OF AREAS ABOVE 100-YEAR SURGE  
 NO AREAS ABOVE 100-YEAR SURGE IN THIS TRANSECT

PART4 LOCATION OF SURGE CHANGES

| STATION | 10-YEAR SURGE | 100-YEAR SURGE |
|---------|---------------|----------------|
| 278.90  | 1.00          | 9.00           |

PART6 NUMBERED A ZONES AND V ZONES

| STATION OF GUTTER | ELEVATION | ZONE DESIGNATION | FHF |
|-------------------|-----------|------------------|-----|
| 0.00              | 10.60     |                  |     |
|                   |           | A19 EL=11        | 95  |
| 256.00            | 10.60     | A19 EL=11        | 95  |
| 257.60            | 10.50     | A19 EL=10        | 95  |
| 274.42            | 9.50      | A19 EL= 9        | 95  |
| 278.90            | 9.23      | A19 EL= 9        | 95  |
| 280.30            | 9.01      |                  |     |

ZONE TERMINATED AT END OF TRANSECT

PART 7 POSTSCRIPT NOTES

PS# 1 START(426182.7858,4852308.8626)  
 PS# 2 END(426097.7935,4852275.1333)

-1.000000e+00