| %<br>% Run:1  | Table:cu   | urve      | SWAN version:41.20 |                  |                  |                  |                |                    |                  |                        |
|---------------|------------|-----------|--------------------|------------------|------------------|------------------|----------------|--------------------|------------------|------------------------|
| % Xp<br>% [m] |            | Yp<br>[m] | Hsig<br>[m]        | TPsmoo<br>[sec]  | RTpeak<br>[sec]  | Tm_10<br>[sec]   | Dir<br>[degr]  | Dspr<br>[degr]     | Depth<br>[m]     | Setup<br>[m]           |
| 6             | 0.         | 0.        | 0.90668            | 8.6843           | 8.9638           | 7.7895           | 0.037          | 31.9663            | 8.3100           | 0.000004               |
|               | 1.         | 0.        | 0.90675            | 8.6843           | 8.9638           | 7.7889           | 0.037          | 31.9667            | 8.3100           | 0.000003               |
|               | 2.         | 0.        | 0.90681            | 8.6843           | 8.9638           | 7.7883           | 0.037          | 31.9671            | 8.3100           | 0.000003               |
|               | 3.         | 0.        | 0.90688            | 8.6842           | 8.9638           | 7.7877           | 0.037          | 31.9675            | 8.3100           | 0.000002               |
|               | 4.         | 0.        | 0.90694            | 8.6842           | 8.9638           | 7.7871           | 0.037          | 31.9679            | 8.3100           | 0.000002               |
|               | 5.         | 0.        | 0.90701            | 8.6842           | 8.9638           | 7.7864           | 0.037          | 31.9683            | 8.3100           | 0.000001               |
|               | 6.         | 0.        | 0.90708            | 8.6842           | 8.9638           | 7.7858           | 0.037          | 31.9688            | 8.3100           | 0.000001               |
|               | 7.         | 0.        | 0.90714            | 8.6842           | 8.9638           | 7.7852           | 0.037          | 31.9692            | 8.3100           | 0.000000               |
|               | 8.<br>9.   | 0.<br>0.  | 0.90721<br>0.90728 | 8.6842<br>8.6842 | 8.9638           | 7.7845<br>7.7839 | 0.037<br>0.037 | 31.9697<br>31.9701 | 8.3100<br>8.3100 | -0.000000<br>-0.000001 |
|               | .0.        | 0.        | 0.90728            | 8.6842           | 8.9638<br>8.9638 | 7.7832           | 0.037          | 31.9701            | 8.3100           | -0.000001              |
|               | 1.         | 0.        | 0.90742            | 8.6842           | 8.9638           | 7.7826           | 0.037          | 31.9710            | 8.3100           | -0.000001              |
|               | 2.         | 0.        | 0.90748            | 8.6841           | 8.9638           | 7.7819           | 0.038          | 31.9715            | 8.3100           | -0.000002              |
|               | 3.         | 0.        | 0.90755            | 8.6841           | 8.9638           | 7.7812           | 0.038          | 31.9720            | 8.3100           | -0.000002              |
|               | 4.         | 0.        | 0.90762            | 8.6841           | 8.9638           | 7.7806           | 0.038          | 31.9725            | 8.3100           | -0.000003              |
| 1             | .5.        | 0.        | 0.90769            | 8.6841           | 8.9638           | 7.7799           | 0.038          | 31.9730            | 8.3100           | -0.000003              |
| 1             | .6.        | 0.        | 0.90776            | 8.6841           | 8.9638           | 7.7792           | 0.038          | 31.9735            | 8.3100           | -0.000004              |
|               | .7.        | 0.        | 0.90783            | 8.6841           | 8.9638           | 7.7785           | 0.038          | 31.9740            | 8.3100           | -0.000004              |
|               | .8.        | 0.        | 0.90790            | 8.6841           | 8.9638           | 7.7778           | 0.038          | 31.9746            | 8.3100           | -0.000005              |
|               | 9.         | 0.        | 0.90798            | 8.6841           | 8.9638           | 7.7771           | 0.038          | 31.9751            | 8.3100           | -0.000005              |
|               | 10.        | 0.        | 0.90805            | 8.6841           | 8.9638           | 7.7764           | 0.038          | 31.9757            | 8.3100           | -0.000006              |
|               | 1.         | 0.        | 0.90812            | 8.6841           | 8.9638           | 7.7757           | 0.038<br>0.038 | 31.9762            | 8.3100           | -0.000006              |
|               | 12.<br>13. | 0.<br>0.  | 0.90819<br>0.90827 | 8.6840<br>8.6840 | 8.9638<br>8.9638 | 7.7750<br>7.7743 | 0.038          | 31.9768<br>31.9774 | 8.3100<br>8.3100 | -0.000007<br>-0.000007 |
|               | 4.         | 0.        | 0.90834            | 8.6840           | 8.9638           | 7.7736           | 0.038          | 31.9780            | 8.3100           | -0.000007              |
|               | 5.         | 0.        | 0.90841            | 8.6840           | 8.9638           | 7.7728           | 0.038          | 31.9786            | 8.3100           | -0.000008              |
|               | 6.         | 0.        | 0.90849            | 8.6840           | 8.9638           | 7.7721           | 0.038          | 31.9792            | 8.3100           | -0.000009              |
|               | 17.        | 0.        | 0.90856            | 8.6840           | 8.9638           | 7.7713           | 0.038          | 31.9798            | 8.3100           | -0.000009              |
| 2             | 18.        | 0.        | 0.90864            | 8.6840           | 8.9638           | 7.7706           | 0.039          | 31.9804            | 8.3100           | -0.000009              |
|               | 19.        | 0.        | 0.90871            | 8.6840           | 8.9638           | 7.7698           | 0.039          | 31.9810            | 8.3100           | -0.000010              |
|               | 0.         | 0.        | 0.90879            | 8.6840           | 8.9638           | 7.7690           | 0.039          | 31.9813            | 8.3100           | -0.000010              |
|               | 1.         | 0.        | 0.90894            | 8.6840           | 8.9638           | 7.7683           | 0.039          | 31.9963            | 8.3100           | -0.000011              |
|               | 2.         | 0.        | 0.90909            | 8.6839           | 8.9638           | 7.7674           | 0.039          | 32.0298            | 8.3200           | -0.000009              |
|               | 3.<br>4.   | 0.<br>0.  | 0.90919<br>0.90940 | 8.6839<br>8.6839 | 8.9638<br>8.9638 | 7.7664<br>7.7655 | 0.039<br>0.039 | 32.0536<br>32.0751 | 8.3300<br>8.3300 | -0.000006<br>-0.000007 |
|               | 5.         | 0.        | 0.90961            | 8.6838           | 8.9638           | 7.7637           | 0.039          | 32.1086            | 8.3400           | -0.000007              |
|               | 6.         | 0.        | 0.90980            | 8.6838           | 8.9638           | 7.7614           | 0.039          | 32.1296            | 8.3500           | -0.000002              |
|               | 7.         | 0.        | 0.91011            | 8.6838           | 8.9638           | 7.7590           | 0.039          | 32.1482            | 8.3500           | -0.000003              |
|               | 8.         | 0.        | 0.91018            | 8.6837           | 8.9638           | 7.7560           | 0.039          | 32.1409            | 8.3600           | 0.00000                |
| 3             | 9.         | 0.        | 0.90977            | 8.6837           | 8.9638           | 7.7529           | 0.039          | 31.9808            | 8.3400           | -0.000006              |
|               | .0.        | 0.        | 0.90968            | 8.6841           | 8.9638           | 7.7518           | 0.039          | 31.6540            | 8.2100           | -0.000049              |
|               | 1.         | 0.        | 0.90951            | 8.6846           | 8.9638           | 7.7507           | 0.039          | 31.2978            | 8.0699           | -0.000096              |
|               | 2.         | 0.        | 0.90940            | 8.6850           | 8.9638           | 7.7496           | 0.039          | 30.9834            | 7.9299           | -0.000143              |
|               | 3.         | 0.        | 0.90941            | 8.6855           | 8.9638           | 7.7486<br>7.7475 | 0.039          | 30.6637            | 7.7898           | -0.000194              |
|               | .4.<br>.5. | 0.<br>0.  | 0.90957<br>0.90990 | 8.6859<br>8.6864 | 8.9638<br>8.9638 | 7.7475           | 0.039<br>0.039 | 30.3414<br>30.0180 | 7.6498<br>7.5097 | -0.000247<br>-0.000304 |
|               | ·6.        | 0.        | 0.91041            | 8.6869           | 8.9638           | 7.7443           | 0.039          | 29.6944            | 7.3696           | -0.000365              |
|               | 7.         | 0.        | 0.91107            | 8.6874           | 8.9638           | 7.7426           | 0.039          | 29.3704            | 7.2296           | -0.000430              |
|               | 8.         | 0.        | 0.91189            | 8.6879           | 8.9638           | 7.7409           | 0.039          | 29.0470            | 7.0895           | -0.000498              |
|               | 9.         | 0.        | 0.91271            | 8.6884           | 8.9638           | 7.7390           | 0.039          | 28.7112            | 6.9494           | -0.000570              |
| 5             | 0.         | 0.        | 0.90685            | 8.6891           | 8.9638           | 7.7351           | 0.038          | 26.6724            | 6.7593           | -0.000686              |
|               | 1.         | 0.        | 0.96258            | 8.6998           | 8.9638           | 7.8248           | 0.034          | 23.9096            | 4.1367           | -0.003309              |
|               | 2.         | 0.        | 0.95999            | 8.7003           | 8.9638           | 7.7983           | 0.034          | 23.1000            | 4.1367           | -0.003306              |
|               | 3.         | 0.        | 0.95992            | 8.7009           | 8.9638           | 7.7720           | 0.033          | 22.8252            | 4.1367           | -0.003307              |
|               | 4.         | 0.        | 0.96110            | 8.7016           | 8.9638           | 7.7460           | 0.033          | 22.7319            | 4.1267           | -0.003329              |
|               | 5.<br>6.   | 0.<br>0.  | 0.96223<br>0.96345 | 8.7021<br>8.7027 | 8.9638<br>8.9638 | 7.7198<br>7.6938 | 0.033<br>0.034 | 22.7092<br>22.7024 | 4.1267<br>4.1267 | -0.003333<br>-0.003337 |
|               | 7.         | 0.        | 0.96511            | 8.7032           | 8.9638           | 7.6682           | 0.034          | 22.7024            | 4.1166           | -0.003337              |
|               | 8.         | 0.        | 0.96648            | 8.7037           | 8.9638           | 7.6420           | 0.034          | 22.7126            | 4.1166           | -0.003366              |
|               | 9.         | 0.        | 0.96794            | 8.7042           | 8.9638           | 7.6153           | 0.035          | 22.7289            | 4.1166           | -0.003372              |
|               |            |           |                    |                  |                  |                  |                |                    |                  |                        |

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| 60.  | 0.             | 0.96948 | 8.7046 | 8.9638 | 7.5879 | 0.035              | 22.7490     | 4.1166 | -0.003378 |
|------|----------------|---------|--------|--------|--------|--------------------|-------------|--------|-----------|
|      |                |         |        |        |        |                    |             |        |           |
| 61.  | 0.             | 0.97113 | 8.7051 | 8.9638 | 7.5596 | 0.037              | 22.7737     | 4.1166 | -0.003385 |
| 62.  | 0.             | 0.97298 | 8.7054 | 8.9638 | 7.5298 | 0.039              | 22.8184     | 4.1166 | -0.003392 |
|      |                |         |        |        |        |                    |             |        |           |
| 63.  | 0.             | 0.97461 | 8.7058 | 8.9638 | 7.4981 | 0.042              | 22.8739     | 4.1266 | -0.003381 |
| 64.  | 0.             | 0.97677 | 8.7061 | 8.9638 | 7.4657 | 0.046              | 22.9373     | 4.1266 | -0.003390 |
|      | 0.             |         |        |        |        |                    |             |        |           |
| 65.  |                | 0.97866 | 8.7063 | 8.9638 | 7.4319 | 0.054              | 23.0139     | 4.1366 | -0.003380 |
| 66.  | 0.             | 0.98062 | 8.7066 | 8.9638 | 7.4036 | 0.073              | 23.1083     | 4.1366 | -0.003389 |
| 67.  | 0.             |         |        |        |        | 0.095              | 23.2232     | 4.1466 |           |
|      |                | 0.98214 | 8.7068 | 8.9638 | 7.3761 |                    |             |        | -0.003378 |
| 68.  | 0.             | 0.98413 | 8.7070 | 8.9638 | 7.3478 | 0.122              | 23.3447     | 4.1466 | -0.003386 |
| 69.  | 0.             | 0.98591 | 8.7072 | 8.9638 | 7.3232 | 0.143              | 23.4823     | 4.1466 | -0.003395 |
|      |                |         |        |        |        |                    |             |        |           |
| 70.  | 0.             | 0.98737 | 8.7073 | 8.9638 | 7.2978 | 0.159              | 23.6409     | 4.1566 | -0.003384 |
| 71.  | 0.             | 0.98932 | 8.7075 | 8.9638 | 7.2720 | 0.169              | 23.8190     | 4.1566 | -0.003393 |
|      |                |         |        |        |        |                    |             |        |           |
| 72.  | 0.             | 0.99081 | 8.7076 | 8.9638 | 7.2472 | 0.146              | 23.9776     | 4.1666 | -0.003384 |
| 73.  | 0.             | 0.99248 | 8.7078 | 8.9638 | 7.2258 | 0.115              | 24.0990     | 4.1666 | -0.003393 |
|      |                |         |        |        |        |                    |             |        |           |
| 74.  | 0.             | 0.99349 | 8.7079 | 8.9638 | 7.2078 | 0.119              | 24.1887     | 4.1766 | -0.003383 |
| 75.  | 0.             | 0.99468 | 8.7080 | 8.9638 | 7.1924 | 0.124              | 24.2559     | 4.1766 | -0.003392 |
|      |                |         |        |        |        |                    |             |        |           |
| 76.  | 0.             | 0.99583 | 8.7081 | 8.9638 | 7.1780 | 0.130              | 24.3246     | 4.1766 | -0.003399 |
| 77.  | 0.             | 0.99657 | 8.7082 | 8.9638 | 7.1636 | 0.126              | 24.3861     | 4.1866 | -0.003388 |
|      |                |         |        |        |        |                    |             |        |           |
| 78.  | 0.             | 0.99767 | 8.7083 | 8.9638 | 7.1502 | 0.121              | 24.4480     | 4.1866 | -0.003396 |
| 79.  | 0.             | 0.99840 | 8.7084 | 8.9638 | 7.1364 | 0.117              | 24.5052     | 4.1966 | -0.003386 |
| 80.  | 0.             | 0.99942 | 8.7085 | 8.9638 | 7.1240 | 0.116              |             | 4.1966 |           |
|      |                |         |        |        |        |                    | 24.5564     |        | -0.003393 |
| 81.  | 0.             | 1.00011 | 8.7086 | 8.9638 | 7.1110 | 0.118              | 24.6032     | 4.2066 | -0.003383 |
| 82.  | 0.             | 1.00108 | 8.7087 | 8.9638 | 7.0990 | 0.123              | 24.6353     | 4.2066 | -0.003391 |
|      |                |         |        |        |        |                    |             |        |           |
| 83.  | 0.             | 1.00207 | 8.7088 | 8.9638 | 7.0873 | 0.131              | 24.6710     | 4.2066 | -0.003399 |
| 84.  | 0.             | 1.00258 | 8.7088 | 8.9638 | 7.0744 | 0.141              | 24.6706     | 4.2166 | -0.003390 |
|      |                |         |        |        |        |                    |             |        |           |
| 85.  | 0.             | 1.00484 | 8.7091 | 8.9638 | 7.0671 | 0.146              | 24.5905     | 4.1665 | -0.003493 |
| 86.  | 0.             | 1.00750 | 8.7094 | 8.9638 | 7.0604 | 0.149              | 24.5056     | 4.1064 | -0.003619 |
|      |                |         |        |        |        |                    |             |        |           |
| 87.  | 0.             | 1.00886 | 8.7096 | 8.9638 | 7.0510 | 0.152              | 24.4617     | 4.0863 | -0.003668 |
| 88.  | 0.             | 1.00929 | 8.7098 | 8.9638 | 7.0409 | 0.155              | 24.2896     | 4.0763 | -0.003699 |
|      |                |         |        |        |        |                    |             |        |           |
| 89.  | 0.             | 1.01531 | 8.7108 | 8.9638 | 7.0476 | 0.158              | 23.6297     | 3.8658 | -0.004168 |
| 90.  | 0.             | 1.03885 | 8.7137 | 8.9638 | 7.0813 | 0.149              | 22.4964     | 3.2742 | -0.005844 |
|      |                |         |        |        |        |                    |             |        |           |
| 91.  | 0.             | 1.06568 | 8.7174 | 8.9638 | 7.0841 | 0.138              | 21.4759     | 2.7821 | -0.007932 |
| 92.  | 0.             | 1.07994 | 8.7209 | 8.9638 | 7.0368 | 0.129              | 20.7730     | 2.5709 | -0.009135 |
|      | 0.             |         |        |        |        |                    |             |        | -0.010229 |
| 93.  |                | 1.09231 | 8.7252 | 8.9638 | 6.9714 | 0.124              | 20.1631     | 2.3998 |           |
| 94.  | 0.             | 1.10466 | 8.7302 | 8.9638 | 6.8925 | 0.120              | 19.5336     | 2.2286 | -0.011411 |
| 95.  | 0.             | 1.11550 | 8.7359 | 8.9638 | 6.8003 | 0.122              | 18.9380     | 2.0675 | -0.012542 |
|      |                |         |        |        |        |                    |             |        |           |
| 96.  | 0.             | 1.11372 | 8.7412 | 8.9638 | 6.6931 | 0.116              | 18.5068     | 2.0277 | -0.012325 |
| 97.  | 0.             | 1.11355 | 8.7465 | 8.9638 | 6.6075 | 0.085              | 17.7374     | 1.9274 | -0.012595 |
|      |                |         |        |        |        |                    |             |        |           |
| 98.  | 0.             | 1.12878 | 8.7549 | 8.9638 | 6.5794 | 359.993            | 16.5287     | 1.5341 | -0.015900 |
| 99.  | 0.             | 1.10611 | 8.7624 | 8.9638 | 6.4729 | 359.940            | 15.7225     | 1.4262 | -0.013770 |
|      |                |         |        |        |        |                    |             |        |           |
| 100. | 0.             | 1.07468 | 8.7686 | 8.9638 | 6.3422 | 359.876            | 15.1701     | 1.3801 | -0.009948 |
| 101. | 0.             | 1.04711 | 8.7730 | 8.9638 | 6.2034 | 359.873            | 14.6971     | 1.3135 | -0.006542 |
|      | Ö.             |         |        |        |        |                    |             |        |           |
| 102. |                | 1.02655 | 8.7751 | 8.9638 | 6.0367 | 359.958            | 14.4777     | 1.1961 | -0.003886 |
| 103. | 0.             | 0.98026 | 8.7747 | 8.9638 | 5.8552 | 0.017              | 15.2688     | 1.3236 | 0.003646  |
| 104. | 0.             | 0.93711 | 8.7733 | 8.9638 | 5.6800 | 0.050              | 16.6342     | 1.6302 | 0.010244  |
|      |                |         |        |        |        |                    |             |        |           |
| 105. | 0.             | 0.91762 | 8.7720 | 8.9638 | 5.5713 | 0.074              | 17.6448     | 1.8430 | 0.013043  |
| 106. | 0.             | 0.91002 | 8.7712 | 8.9638 | 5.5109 | 0.098              | 18.3439     | 1.9542 | 0.014208  |
|      |                |         |        |        |        |                    |             |        |           |
| 107. | 0.             | 0.90337 | 8.7704 | 8.9638 | 5.4525 | 0.116              | 18.7474     | 2.0852 | 0.015202  |
| 108. | 0.             | 0.90302 | 8.7701 | 8.9638 | 5.4337 | 0.135              | 18.7183     | 2.0853 | 0.015283  |
|      | 0.             |         |        |        |        |                    | 18.4734     |        |           |
| 109. |                | 0.90631 | 8.7700 | 8.9638 | 5.4418 | 0.158              |             | 1.9948 | 0.014801  |
| 110. | 0.             | 0.90978 | 8.7699 | 8.9638 | 5.4540 | 0.185              | 18.2622     | 1.8942 | 0.014236  |
| 111. | 0.             | 0.90769 | 8.7694 | 8.9638 | 5.4360 | 0.213              | 18.1677     | 1.8944 | 0.014410  |
|      |                |         |        |        |        |                    |             |        |           |
| 112. | 0.             | 0.90783 | 8.7691 | 8.9638 | 5.4334 | 0.245              | 17.9793     | 1.8442 | 0.014225  |
| 113. | 0.             | 0.90892 | 8.7687 | 8.9638 | 5.4400 | 0.282              | 17.7645     | 1.7638 | 0.013833  |
|      |                |         |        |        |        |                    |             |        |           |
| 114. | 0.             | 0.90637 | 8.7682 | 8.9638 | 5.4305 | 0.324              | 17.6149     | 1.7339 | 0.013915  |
| 115. | 0.             | 0.90334 | 8.7677 | 8.9638 | 5.4212 | 0.368              | 17.4925     | 1.7040 | 0.014039  |
|      |                |         |        |        |        |                    |             |        |           |
| 116. | 0.             | 0.89939 | 8.7671 | 8.9638 | 5.4087 | 0.418              | 17.4193     | 1.6843 | 0.014287  |
| 117. | 0.             | 0.89436 | 8.7664 | 8.9638 | 5.3903 | 0.469              | 17.4910     | 1.6847 | 0.014738  |
|      |                | 0.88726 |        |        |        |                    |             |        |           |
| 118. | 0.             |         | 8.7657 | 8.9638 | 5.3552 | 0.521              | 17.6720     | 1.7356 | 0.015573  |
| 119. | 0.             | 0.88272 | 8.7651 | 8.9638 | 5.3306 | 0.570              | 17.7454     | 1.7561 | 0.016052  |
| 120. | 0.             | 0.88002 | 8.7647 | 8.9638 | 5.3186 | 0.613              | 17.4780     | 1.7362 | 0.016160  |
|      |                |         |        |        |        |                    |             |        |           |
| 121. | 0.             | 0.88710 | 8.7646 | 8.9638 | 5.3633 | 0.686              | 16.7777     | 1.5346 | 0.014587  |
| 122. | 0.             | 0.88858 | 8.7643 | 8.9638 | 5.3948 | 0.801              | 16.1467     | 1.3634 | 0.013407  |
|      |                |         |        |        |        |                    |             |        |           |
| 123. | 0.             | 0.87432 | 8.7637 | 8.9638 | 5.3703 | 0.916              | 15.8290     | 1.3447 | 0.014675  |
| 124. | 0.             | 0.85942 | 8.7632 | 8.9638 | 5.3465 | 1.017              | 15.4864     | 1.3260 | 0.015996  |
|      |                |         |        |        |        |                    |             |        |           |
| 125. | 0.             | 0.84949 | 8.7630 | 8.9638 | 5.3490 | 1.128              | 14.8855     | 1.2263 | 0.016282  |
| 126. | 0.             | 0.83790 | 8.7635 | 8.9638 | 5.3632 | 1.254              | 13.9461     | 1.0763 | 0.016333  |
| - *  | <del>-</del> • |         |        |        |        | × = <del>-</del> - | <del></del> |        |           |

| 127. | 0. | 0.81671 | 8.7680 | 8.9638 | 5.4080 | 1.286   | 12.6260 | 0.8570 | 0.016951 |
|------|----|---------|--------|--------|--------|---------|---------|--------|----------|
| 128. | 0. | 0.78348 | 8.7726 | 8.9638 | 5.4189 | 1.161   | 11.1722 | 0.6300 | 0.019957 |
| 129. | 0. | 0.64665 | 8.7778 | 8.9638 | 5.6663 | 0.125   | 10.3548 | 0.4377 | 0.047735 |
| 130. | 0. | 0.38244 | 8.8505 | 8.9638 | 6.5737 | 357.855 | 11.7011 | 0.2539 | 0.113933 |